

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.

TUL 01 00:04:31.91.0.36:28N.0:02:97.51W.0:02:h5km,7km, ML2.8,mb_Lg2.611(NEIC),Error ellipse: s-maj=2.4km s-min=2.2km az=85.0

NEIC 01 00:04:32.0.0.7:3628N.0:02:97.53W.0:02:h3km,7km, Error ellipse: s-maj=2.5km s-min=2.3km az=80.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKCFA Oklahoma City, OKSFO OKLAHOMA CITY, FNO Franklin, etc.

SNET 01 00:35:35.3.4.0.12:37N:86:16W,h33km,999km,ML4.3

INET 01 00:35:37.0,12:94N,86:58W,h19km,MW4.2

UCR 01 00:35:37.0,2.2,12:61N:86:26W,h20km,999km,ML3.9, mb4.4(NEIC)

NEIC 01 00:35:42.1.1.9,12:85N.0:05:86:66W.0:05:h21km,7km, mb4.4/5,Error ellipse: s-maj=10.1km s-min=3.5km az=222.0

IDC 01 00:35:46.3.2.4.2,12:77N:86:54W,h60km,28km,mb3.5/8, mb1.3/9/11,mb1mx3.7/34,mbtmp3.9/11,ML3.1/3,MS3.3/4, Ms1.3/3.4,ms1mx2.9/38,Error ellipse: s-maj=4.4km s-min=18.2km az=37.0

ISC 01 00:35:40.9.1.6,12:19N.0:06:86:54W.0:05:h13km,111km, n6.0,r19477.1,mb4.2/11,Nicaragua

Main table of station data for the first section, including stations like CNGN Cerro Negro, CRIN San Cristobal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BMAR Burnt Mountain, H2AK Noodor Dome, ESDC Sonseca Array, etc.

MRB 01 00:39:46.5.0.2,42:18N:3:16E,ML2.0/18,Error ellipse: s-maj=1.2km s-min=0.6km az=283.0

STR 01 00:39:47.0.1.1,42:18N:3:16E,h12km,8km,MLV2.1/6, preliminary

LDG 01 00:39:46.1.0.1,42:18N:3:18E,h5km,Md2.4/2,M2.4/17, Error ellipse: s-maj=1.6km s-min=1.0km az=149.0

MDD 01 00:39:46.5.0.4,42:19N:3:19E,h4km,4km,mbLg2.2/28, 1C-30R,Error ellipse: s-maj=3.6km s-min=2.2km az=118.0,PRXIMO,Pyrenees

Main table of station data for the second section, including stations like CPAL Palau Saverder, EJON La Jonquera, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LASF Ste Croix, TRBF Trabuc cave, etc.

LDG 01 00:40:03.6.0.1,46:70N:2:05W,h2km,Md2.4/2,M2.5/19, Error ellipse: s-maj=1.4km s-min=0.6km az=43.0

STR 01 00:40:04.0.4.0.8,47:18N:2:11E,h10km,MLV2.5/5, preliminary

ISC 01 00:40:03.0.1.1,46:73N:0:03:1:96W.0:03,h16km,9km, n36,r097/66,France

Main table of station data for the third section, including stations like CHIF Chize, MFF Saint Martin d, etc.

1d 2h

2015 NOV

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NBPV, MOC, SDV, SNA, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NRIK, KBL, PYUN, KOLN, etc.

NNC 01:01:46:29.0, 1.1, 40.68N, 78.05E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=7.7km s-min=5.0km az=171.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TARG, PRZ, ULHL, ANVS, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TKM2, TKM2, TKM2, etc.

NEIC 01:02:22:13.1±1.1, 37.12N±0.03, 97.62W±0.06, h8km, 6km, Error ellipse: s-maj=7.2km s-min=3.5km az=78.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T35A, R32A, OKCFA, etc.

1d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KURBB Kurchatov Arra, ZSN Zaisan, SEM Semipalatinsk, etc.

IDC 01 03:32:16.1±2.2, 6:96S; 128:96E, h0km, mb3.6/1, mb1 3.9/4, mb1mx3.5/36, mbtmp3.7/4, ML3.8/3, Error ellipse: s-maj=79.0km s-min=29.7km az=75.0

ISC 01 03:32:17.9±1.6, 7:25S; 0:1±128.9E, 0.1, h10km, n9, ±296/7, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like DRN Darwin Rock St, BATI Bauntana, KDU Kakadu, etc.

IDC 01 03:47:58.9±4.9, 15:71S; 71:65W, h70km, 4.4km, mb3.3/3, mb1 3.4/4, mb1mx3.3/23, mbtmp3.4/4, ML2.3/1, MS3.5/2, Ms1 3.5/2, ms1mx3.0/8, Error ellipse: s-maj=45.8km s-min=34.6km az=83.0, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like LPAZ La Paz, ROSC El Rosal, BDFB Brasilia, etc.

2015 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PLCA Paso Flores, TXAR Lajitias Array, TORD Torod Arra, etc.

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

FID	baz=287,SNR=119	3.04	117	IAML	Pn	05 21 55.8	-0.9	SUCK	baz=293,SNR=31	4.53	115	IAML	Pn	05 22 16.2	-0.6	EDM	comp=Z,37nm,1.1s	22.20	96	P	P	05 25 59.2	+0.9		
FID	Port Fidalgo					05 22 35.7		SUCK	Sucking Hills					05 23 31.9		EDM	Edmonton								
PS11	comp=N,4um,0.4s	3.07	90	Pn	Pn	05 21 57.2	0.0	KHIT	comp=E,613nm,0.7s	4.58	109	Pn	Pn	05 22 17.4	-0.2	EDM	Edmonton	22.20	96	P	Iamb	Iamb	05 25 59.2	+0.9	
CCB	TAPS Pump S11	3.09	36	IAML	Pn	05 21 58.0	+0.7	GRIN	Grindle Hills	4.63	111	Pn	Pn	05 22 18.1	0.0	EDM	Edmonton						05 26 00.1		
PAX	Clear Creek Bu					05 22 52.5		TGL	Tana Glacier	4.64	104	Pn	Pn	05 22 18.4	+0.1	B08A	comp=Z,89nm,1.1s	22.89	112	P	P	P	05 26 06.6	+1.3	
PAX	comp=E,701nm,0.7s	3.12	73	P	Pn	05 21 58.9	+1.0	PS05	TAPS Pump Snt5	4.65	7	Pn	Pn	05 22 20.6	+2.3	LTU	Colville Reser	23.16	116	P	P	P	05 26 09.1	+1.1	
PAX	Paxson	3.12	73	P	Pn	05 21 58.3	+0.5	PTFK	Patty Peak	4.66	99	Pn	Pn	05 22 18.7	0.0	RES	Liberty	23.16	116	P	P	P	05 26 07.4	-0.3	
PAX	Paxson	3.12	73	P	Pn	05 21 58.3	+0.5	BGLC	Bering Glacier	4.72	113	P	Pn	05 22 20.2	+0.9	RES	comp=Z,3.5nm,0.5s, baz=263,slow=9.6,SNR=20	23.18	35	P	S	S	05 30 12.0	+0.9	
DIV	baz=259,SNR=281	3.17	107	IAML	Pn	05 21 58.2	-0.3	M27K	Edge Creek, AK	4.74	84	Pn	Pn	05 22 20.3	+0.7	RES	comp=Z,2.7nm,1.0s, baz=338,slow=19,SNR=2.0	23.18	35	P	P	P	05 26 07.5	-0.3	
I23K	Minto, Yukon-K	3.17	21	P	Pn	05 21 59.7	+1.3	M27K	comp=E,472nm,0.8s			IAML		05 23 48.7		RES	Resolute Bay	23.18	35	P	P	P	05 26 07.5	-0.3	
I23K	Minto, Yukon-K	3.17	21	P	Pn	05 21 59.4	+1.0	M27K	comp=N,556nm,0.9s			IAML		05 22 20.4	+0.7	F04A	Amboy	23.50	120	P	P	P	05 26 13.0	+2.0	
HDA	Harding Lake	3.17	44	IAML	Pn	05 21 59.0	+0.5	WAX	Waxell Ridge	4.75	108	Pn	Pn	05 22 20.3	+0.4	F04A	Amboy	23.50	120	P	Iamb	Iamb	05 26 13.6		
HDA	comp=N,2um,0.4s					05 22 38.5		L27K	Beaver Creek, AK	4.78	75	IAML		05 23 40.0		NEW	Newport	23.93	110	P	P	P	05 26 16.2	+1.3	
HDA	comp=E,2um,0.4s	3.17	44	P	Pn	05 21 58.9	+0.5	L27K	comp=N,241nm,0.9s			IAML		05 23 42.3		NEW	Newport	23.93	110	P	P	P	05 26 16.2	+1.3	
HARP	Harding Lake	3.21	84	P	Pn	05 21 59.8	+0.8	L27K	comp=E,240nm,1.0s	4.78	75	P	Pn	05 22 19.9	-0.2	NEW	Newport	23.93	110	P	P	P	05 26 16.2	+1.3	
HARP	HAARP	3.21	84	P	Pn	05 21 59.8	+0.8	L27K	comp=Z,273,SNR=84	4.74	84	P	Pn	05 22 20.4	+0.7	NEW	Newport	23.93	110	P	P	P	05 26 16.2	+1.3	
MDM	HAARP	3.21	84	P	Pn	05 21 59.8	+0.8	BNAR	Beaver Creek A	4.80	75	Pn	Pn	05 22 20.2	-0.2	NEW	Newport	23.93	110	P	P	P	05 26 16.2	+1.3	
P18K	Murphy Dome	3.23	30	Pn	Pn	05 21 59.9	+0.7	SNH	Sunshine Point	4.89	111	IAML		05 23 20.8		F05D	Wh Salmon	23.93	119	P	P	P	05 26 17.0	+2.1	
P18K	Big Mountain, B	3.24	210	P	Pn	05 22 00.5	+1.0	SNH	comp=E,809nm,0.5s			IAML		05 23 51.9		E07A	Sunnyside	24.06	116	P	P	P	05 26 18.1	+2.0	
TCOL	Big Mountain, B	3.24	210	P	Pn	05 22 00.5	+1.0	ISLE	comp=N,470nm,0.8s	4.92	105	Pn	Pn	05 22 22.1	-0.1	D08A	Wollman Farm,	24.07	114	P	P	P	05 26 17.1	+1.0	
TCOL	comp=N,2um,0.5s					05 22 45.7		OHAN	Juniper Island	5.05	188	P	Pn	05 22 22.1	-0.1	G05D	Watic, OR	24.51	120	P	P	P	05 26 22.2	+2.0	
TCOL	comp=N,3um,0.5s	3.25	33	P	Pn	05 22 00.3	+0.8	OHAK	Old Harbor	5.05	188	P	Pn	05 22 22.6	-1.2	WALA	Waterton Lakes	24.78	104	P	P	P	05 26 23.6	+0.9	
COLA	CIGO, UAF Yank	3.25	33	P	Pn	05 22 00.0	+0.5	BARN	Barnard Glacie	5.07	99	Pn	Pn	05 22 24.3	0.0	SEY	Seymchan	24.95	297	P	P	P	05 26 23.9	-0.1	
COLA	College	3.25	33	P	Pn	05 22 00.0	+0.5	COLD	Coldfoot	5.09	8	P	Pn	05 22 25.7	+1.4	I05D	Tierce, OR	25.25	121	P	P	P	05 26 28.8	+1.9	
COLA	comp=Z,291nm,1.0s	3.25	33	IAML	Pn	05 22 00.1	+0.5	COLD	Coldfoot	5.09	8	P	Pn	05 22 25.5	+1.2	G08A	Pilot Rock	25.45	116	P	P	P	05 26 29.9	+1.5	
COLA	College	3.25	33	IAML	Pn	05 22 00.1	+0.5	GRNC	Granite Creek	5.14	102	IAML		05 23 54.6		F10A	Beach Ranch, E	25.64	113	P	P	P	05 26 31.2	+0.7	
COLA	comp=Z,3um,0.5s	3.25	33	IAML	Pn	05 22 00.1	+0.5	GRNC	Granite Creek	5.14	102	IAML		05 23 54.6		K02D	Williamette Mer	25.72	126	P	P	P	05 26 32.9	+2.6	
PS08	comp=Z,3um,0.5s	3.30	43	Pn	Pn	05 22 00.6	+0.4	BVCY	comp=E,446nm,0.7s	5.21	83	P	Pn	05 22 26.3	+0.3	J04D	Umpqua Nationa	25.86	123	P	P	P	05 26 35.7	+3.1	
GCSA	TAPS Pump Snt8	3.35	321	P	Pn	05 22 01.2	+0.4	CTG	Chitna Glacier	5.25	99	P	Pn	05 22 26.8	+0.1	J05D	Fort Rock, OR	26.17	122	P	P	P	05 26 38.0	+2.7	
GCSA	Galena City Sc	3.35	321	P	Pn	05 22 02.0	+1.2	CTGM	Chitna Glacier	5.25	99	IAML		05 22 27.4	+0.7	MSO	Missoula	26.42	108	P	P	P	05 26 38.5	+0.9	
Q19K	Galena City Sc	3.40	194	IAML	Pn	05 22 02.5	+0.9	CTGM	Chitna Glacier	5.25	99	IAML		05 23 50.5		MSO	Missoula	26.42	108	P	P	P	05 26 38.4	+0.9	
Q19K	comp=N,1um,1.2s	3.40	194	P	Pn	05 22 02.5	+0.9	CTGM	comp=N,492nm,0.8s			IAML		05 23 52.5		BMO	Blue Mountains	26.50	115	P	P	P	05 26 39.5	+1.3	
Q19K	comp=N,1um,1.0s	3.40	194	P	Pn	05 22 02.5	+0.9	FYU	Fort Yukon	5.26	31	IAML		05 22 27.5	+0.9	BMO	Blue Mountains	26.50	115	P	P	P	05 26 39.5	+1.3	
IL3I	Cape Douglas, baz=13	3.44	40	P	Pn	05 22 02.9	+0.9	FYU	comp=E,186nm,1.7s			IAML		05 23 42.1		L04D	Klamath Falls	26.65	125	P	P	P	05 26 41.9	+2.3	
ILAR	Eielson Array	3.44	40	P	Pn	05 22 02.9	+0.9	MESA	comp=N,196nm,0.9s	5.28	108	P	Pn	05 22 26.9	-0.1	PLID	Yreka Lake	26.87	113	P	P	P	05 26 42.4	+0.8	
ILAR	comp=N,36nm,0.3s, baz=223,slow=14,SNR=685	3.45	116	P	Pn	05 22 02.9	+0.4	MESA	MESA	5.28	108	P	Pn	05 22 27.0	0.0	YBH	Yreka Blue Hor	26.91	126	P	P	P	05 26 44.8	+2.8	
EYAK	comp=N,80nm,0.3s, baz=287,slow=31,SNR=7.3	3.45	116	P	Pn	05 22 01.4	-0.7	YAH	Yahtse	5.28	106	IAML		05 22 27.5	+0.3	M02C	Callahan	27.15	127	P	P	P	05 26 47.3	+3.2	
EYAK	Cordova Ski Ar	3.45	116	P	Pn	05 22 01.2	-0.9	YAH	Yahtse	5.28	106	IAML		05 23 53.3		J08A	Circle Bar Ran	27.22	118	P	P	P	05 26 46.0	+1.2	
H21K	Melozitna Rive	3.47	355	IAML	Pn	05 22 03.8	+1.3	LOGN	Logan Glacier	5.45	100	Pn	Pn	05 22 29.2	-0.2	EGMT	Eagleton	27.43	101	P	Iamb	Iamb	05 26 47.3	+0.8	
H21K	comp=N,513nm,0.5s	3.47	355	P	Pn	05 22 03.8	+1.3	YU3K	Moose Creek	5.46	90	Pn	Pn	05 22 29.4	-0.1	EGMT	Eagleton	27.43	101	P	Iamb	Iamb	05 26 48.2		
H21K	Melozitna Rive	3.47	355	P	Pn	05 22 03.6	+1.1	EGAK	Eagle	5.50	57	Pn	Pn	05 22 29.8	+0.1	EGMT	Eagleton	27.43	101	P	P	P	05 26 47.5	+1.0	
PS07	TAPS Pump Snt7	3.52	26	Pn	Pn	05 22 04.0	+0.9	EGAK	Eagle	5.50	57	P	Pn	05 22 29.9	+0.1	N02D	Trinity Center	27.57	127	P	P	P	05 26 50.8	+3.0	
POKR	Poker Plat Res	3.56	33	Pn	Pn	05 22 04.4	+0.9	TABL	Table Mountain	5.53	104	Pn	Pn	05 22 30.5	0.0	PEA0B	Petropavlovsk-	27.71	274	P	P	P	05 26 46.9	-2.0	
POKR	Poker Plat Res	3.56	33	Pn	Pn	05 22 04.4	+0.9	DAWY	Dawson	6.01	67	Pn	Pn	05 22 36.9	0.0	PETK	Petropavlovsk-	27.71	274	P	P	P	05 26 48.5	-0.4	
N25K	Chitina, Valde	3.56	97	IAML	Pn	05 22 04.1	+0.3	DAWY	Dawson	6.01	67	Pn	Pn	05 22 36.8	0.0	PETK	comp=Z,2.5nm,0.7s, baz=65,slow=8.8,SNR=7.6							05 37 03.0	
N25K	comp=E,2um,0.6s	3.56	97	P	Pn	05 22 03.5	-0.3	PCA	Pinnacle	6.08	105	Pn	Pn	05 22 37.8	0.0	PETK	Petropavlovsk-	27.71	274	P	P	P	05 26 48.8	0.0	
N25K	Chitina, Valde	3.56	97	P	Pn	05 22 03.5	-0.3	PCNM	Pinnacle	6.08	105	Pn	Pn	05 22 37.7	0.0	PETK	Petropavlovsk-	27.71	274	P	P	P	05 26 48.8	0.0	
RIDG	Independent Ri	3.61	62	IAML	Pn	05 22 05.8	+1.3	BMAR	Burnt Mountain	6.12	28	Pn	Pn	05 22 38.5	+0.2	PFMK	Petropavlovsk-	27.71	274	P	P	P	05 27 12.9	+0.7	
RIDG	Independent Ri	3.61	62	P	Pn	05 22 05.8	+1.3	YUK4	Talbot Ar	6.40	92	P	Pn	05 22 42.8	+0.5	MFID	Camas Ranch	28.29	115	P	P	P	05 26 56.1	+1.9	
RIDG	comp=N,2um,0.8s	3.61	62	P	Pn	05 22 05.8	+1.3	BCPM	Bancas Point	6.42	105	Pn	Pn	05 22 42.4	+0.1	O03E	Paynes Creek	28.50	126	P	P	P	05 26 57.7	+1.6	
BMRM	Bremner River	3.76	106	IAML	Pn	05 22 05.8	-0.5	TOLK	Took Lake Re	6.53	8	Pn	Pn	05 22 47.0	+3.2	BCYI	Bear Canyon	28.61	111	P	P	P	05 26 57.6	+0.3	
BMRM	Bremner River	3.76	106	P	Pn	05 22 05.5	-0.9	TOLK	Took Lake Re	6.53	8	P	Pn	05 22 46.3	+2.5	HILD	Hailey	28.77	113	P	P	P	05 26 59.8	+1.2	
H23K	Yukon River	3.78	16	IAML	Pn	05 22 08.0	+1.4	J29M	Klondike Camp	6.60	64	P	Pn	05 22 45.5	+0.6	HILD	Hailey	28.77	113	P	P	P	05 26 59.8	+1.2	
H23K	comp=E,684nm,1.1s	3.78	16	IAML	Pn	05 22 52.5		YUK6	Outpost Mountain	6.64	95	P	Pn	05 22 45.7	+0.1	GCMT	Greycliff	29.13	105	P	P	P	05 27 03.0	+1.2	
H23K	comp=N,453nm,0.8s	3.78	16	P	Pn	05 22 52.5		PNL	Peninsula	6.66	107	P	Pn	05 22 46.2	+0.6	BEKR	Beckworth	29.42	125	P	P	P	05 27 05.4	+1.0	
H23K	Yukon River	3.78	16	P	Pn	05 22 07.9	+1.2	CHGN	Chignik	6.78	212	P	Pn	05 22 47.8	+1.1	PAHR	Pahr Range	29.94	124	P	P	P	05 27 08.6	+0.7	
PS06	TAPS Pump Snt6	3.79	14	Pn	Pn	05 22 08.2	+1.5	CHGN	Chignik	6.78	212	P	Pn	05 22 47.9	+0.7	TIXI	Tiksi	30.01	322	P	P	P	05 27 08.9	-0.1	
J25K	Salcha River	3.83	48	P	Pn	05 22 07.7	+0.3	I29M	Ogilvie Camp, baz=249,SNR=40	6.84	57	P	Pn	05 22 48.3	+0.3	TIXI	Tiksi	30.							

020A	White River Ci	34.25	110	P	P	05 27 46.3	-0.4
020A	comp=Z,7.3nm,0.8s					05 27 51.1	
020A	White River Ci	34.25	110	P	P	05 27 47.9	+1.2
L20A	Laurel Mtn Rd	34.28	125	P	P	05 27 48.8	+1.9
YAK	Yakutsk	34.53	305deP	P	P	05 27 48.1	-0.4
B35A	Bob, Littlefor	34.66	86	P	P	05 27 50.3	+0.4
B35A	comp=Z,12nm,0.7s					05 27 51.1	
EDW2	Edwards Air Fo	34.69	126	P	P	05 27 51.7	+1.4
GSC	Goldstone, Bar	34.78	124	P	P	05 27 53.3	+2.2
TUQ	Turquoise Moun	35.00	123	P	P	05 27 55.6	+2.5
PASC	Pasadena Art C	35.25	127	P	P	05 27 55.7	+0.6
PASC	comp=Z,6.5nm,0.6s					05 27 57.6	
PV23	Carpenter Ridg	35.30	112	P	P	05 27 56.4	+0.6
PV23	comp=Z,25nm,1.3s					05 27 58.2	+1.9
HEC	Hector,Ludlow	35.37	124	P	P	05 27 58.2	+1.9
BFSC	Mount Baldy Ra	35.39	126	P	P	05 27 58.2	+1.8
PV19	Morning Glory	35.43	112	P	P	05 27 56.4	-0.4
PV19	comp=Z,8.4nm,0.8s					05 27 59.1	
PV12	Saucer Basin,	35.50	112	P	P	05 27 58.8	+1.4
PV18	Skein Mesa, Pa	35.51	112	P	P	05 27 58.4	+0.8
PV18	comp=Z,14nm,1.1s					05 27 59.8	
PV03	Paradox Valley	35.53	112	P	P	05 27 58.5	+0.8
PV03	comp=Z,10nm,1.1s					05 28 00.4	
PV05	Paradox Valley	35.57	113	P	P	05 27 58.9	+0.8
PV05	comp=Z,16nm,0.8s					05 28 00.4	
PV13	Radium Mtn., P	35.62	112	P	P	05 27 59.5	+0.9
PV13	comp=Z,19nm,1.0s					05 28 01.1	
GMRC	Granite Mounta	35.68	123	P	P	05 28 01.1	+2.2
PV01	Paradox Valley	35.75	112	P	P	05 28 00.2	+0.5
PV01	comp=Z,18nm,0.8s					05 28 02.0	
EYMN	Ely	36.00	85	P	P	05 28 01.6	+0.2
EYMN	comp=Z,316,SNR=8.7					05 28 02.1	+0.8
W13A	Hualapai Mount	36.11	121	P	P	05 28 04.0	+1.3
BELC	Belle Mtn. Jos	36.23	124	P	P	05 28 05.4	+1.8
PFO	Pinyon Flats O	36.40	125d/P	P	P	05 28 06.1	+1.1
PFO	comp=Z,9.0nm,0.8s					05 28 06.5	+1.4
PFO	Pinyon Flats O	36.40	125	P	P	05 28 07.0	+2.2
IRM	Iron Mountain	36.43	123	P	P	05 28 07.0	+0.5
MVCO	Mesa Verde	36.56	113	P	P	05 28 08.5	
MVCO	comp=Z,8.4nm,0.7s					05 28 08.5	
MVCO	Mesa Verde	36.56	113	P	P	05 28 07.8	+1.3
F36A	Milaca	36.58	89	P	P	05 28 08.8	+0.5
F36A	comp=Z,19nm,1.1s					05 28 08.0	
PDMCI	Parker Dam,Lak	36.70	122	P	P	05 28 09.2	+1.8
ECSD	EROS Data Cent	36.73	94	P	P	05 28 07.9	+0.3
ECSD	comp=Z,11nm,1.1s					05 28 08.4	
ECSD	EROS Data Cent	36.73	94	P	P	05 28 08.0	+0.3
BC3	Big Chuckawall	36.75	124	P	P	05 28 09.8	+1.8
WUAZ	Wupatki	36.77	117	P	P	05 28 10.5	+2.2
WUAZ	comp=Z,330,SNR=23					05 28 10.5	+2.2
S22A	4UR Ranch, Cre	36.84	110	P	P	05 28 11.0	+2.1
E38A	The Farm, Brul	36.95	86	P	P	05 28 09.9	+0.5
MONP2	Monument Peak	37.05	126	P	P	05 28 12.7	+2.0
SWSC	Sam W. Stewart	37.24	125	P	P	05 28 13.6	+1.6
IKP	In-Ko-Pah, Jac	37.39	125	P	P	05 28 15.2	+1.8
SPMN	Marine on St.	37.39	89	P	P	05 28 14.1	+1.0
SDCO	Great Sand Dun	37.42	109	P	P	05 28 14.1	+0.2
SDCO	comp=Z,17nm,1.4s					05 28 16.7	
SDCO	Great Sand Dun	37.42	109	P	P	05 28 15.7	+1.9
GLA	Glamis	37.53	124	P	P	05 28 16.1	+1.6
KSCO	Kaye Shedlock	37.68	105	P	P	05 28 16.9	+1.1
KSCO	comp=Z,31nm,1.4s					05 28 19.1	
KX30	Kaye Shedlock	37.68	105	P	P	05 28 17.6	+1.8
X16A	Lo Mia Camp, P	37.69	118	P	P	05 28 18.1	+2.1
X16A	comp=Z,8.7nm,0.8s					05 28 19.2	
BGNE	Belgrade	37.82	98	P	P	05 28 17.8	+0.9
I37A	Lemond, Waseca	38.02	91	P	P	05 28 19.1	+0.6
SUMC	Sunmitk	38.19	127	eP	P	05 28 19.6	+0.5
L13A	Mohawk Valley,	38.19	122	P	P	05 28 20.9	+0.9
L34A	Svensden Farm,	38.21	96	P	P	05 28 20.0	-0.1
L34A	comp=Z,17nm,0.9s					05 28 20.9	
DAG	Danmarks Havn	38.23	16	iP	P	05 28 19.2	-0.6
DAG	comp=Z,6.0nm,0.4s					05 28 19.7	
G40A	Rib Lake	38.57	87	P	P	05 28 23.3	+0.2
G40A	comp=Z,16nm,0.7s					05 28 24.5	
GRNR	Gornyy	39.05	287	iP	P	05 28 27.0	0.0
GRNR	comp=Z,20nm,0.7s					05 28 27.0	0.0
GRNR	comp=N,210nm,14.0s					05 28 27.0	0.0
GRNR	comp=Z,60nm,15.0s					05 28 27.0	0.0
CBKS	Cedar Bluff	39.16	102	P	P	05 28 28.7	+0.6
CBKS	comp=Z,13nm,0.8s					05 28 29.7	+0.6
CBKS	Cedar Bluff	39.16	102	P	P	05 28 29.3	+1.2
CBKS	comp=Z,12nm,0.8s					05 28 29.3	+1.2
E43A	Lone Tree Farm	39.24	83	P	P	05 28 29.3	+0.7
214A	Organ Pipe Nat	39.29	122	P	P	05 28 29.7	+0.4
214A	comp=Z,32,SNR=5.7					05 28 31.3	+2.0
ANMO	Albuquerque	39.35	112deP	P	P	05 28 31.7	+1.8
ANMO	comp=Z,9.0nm,1.3s					05 28 30.5	+0.5
ANMO	Albuquerque	39.35	112	P	P	05 28 31.7	+1.8
N35A	Tabor	39.41	96	P	P	05 28 30.5	+0.3
SPITS	Spitsbergen Ar	39.66	4	P	P	05 28 31.6	-0.2
SPITS	comp=Z,42nm,1.3s					05 28 31.3	-0.5
SPB2	Spitsbergen Ar	39.67	4	P	P	05 28 31.3	-0.5
SPB2	comp=Z,27nm,1.1s					05 28 34.7	+1.2
TUC	Tucson	39.80	119	P	P	05 28 34.7	+1.2
TUC	comp=Z,5.0nm,0.9s					05 28 35.6	+2.1
TUC	Tucson	39.80	119	P	P	05 28 35.0	+0.4
R32A	Long Quarter,	39.94	101	P	P	05 28 35.0	+0.4
R32A	comp=Z,14nm,0.7s					05 28 36.3	+1.3
BNM	Barren Site	39.95	113	P	P	05 28 34.0	-1.2
DBG	Daneborg	40.09	18	iP	P	05 28 34.0	-1.2

I42A	Draeger Farm,	40.22	87	P	P	05 28 37.2	+0.5
I42A	comp=Z,21nm,1.2s					05 28 42.0	
JFWS	Jewell Farm	40.34	89	P	P	05 28 37.9	+0.1
JFWS	comp=Z,15nm,0.7s					05 28 37.9	+0.1
JFWS	Jewell Farm	40.34	89	P	P	05 28 37.9	+0.1
JFWS	comp=Z,14nm,0.7s					05 28 38.3	
KSU1	Kansas State U	40.37	99	P	P	05 28 38.5	+0.4
KSU1	comp=Z,324,SNR=8					05 28 38.5	+0.4
L40A	Anamosa	40.54	91	P	P	05 28 39.5	+0.1
L40A	comp=Z,21nm,0.8s					05 28 40.4	
121A	Cookes Peak, D	40.85	116	P	P	05 28 44.6	+2.3
121A	comp=Z,330,SNR=10					05 28 41.9	-0.6
ZE6	Zeya	40.94	297	eP	P	05 28 41.9	-0.6
ZE6	comp=Z,10nm,0.8s					05 28 48.8	+1.3
AMTX	Amarillo	41.51	107	P	P	05 28 48.2	+0.8
GLMI	Graying	41.51	82	P	P	05 28 48.2	+0.8
MSTX	Muleshoe	41.79	109	P	P	05 28 51.0	+1.1
MSTX	comp=Z,39,SNR=18					05 28 51.5	+1.6
SCHO	Schefferville	41.98	60	P	P	05 28 51.5	+0.4
SCHO	comp=Z,9.6nm,0.8s					05 28 51.5	+0.4
SCHO	Schefferville	41.98	60	P	P	05 28 51.9	+0.4
SCHO	comp=Z,34nm,1.4s					05 28 52.1	+0.1
NR1K	Noril'sk	42.12	333	P	P	05 28 52.1	+0.1
NR1K	comp=Z,12nm,0.6s					05 28 51.8	-0.2
NR1K	Noril'sk	42.12	333	eP	P	05 28 52.5	+0.4
NR1K	comp=Z,13nm,0.7s					05 28 52.8	
NR1K	Noril'sk	42.12	333	P	P	05 28 52.9	0.0
T35A	Sooner Cattle,	42.18	100	P	P	05 28 52.9	0.0
T35A	comp=Z,8.4nm,0.8s					05 28 53.0	-0.4
KLR	Kul'dur	42.25	289	P	P	05 28 52.7	-0.6
KLR	comp=Z,7.6nm,0.8s					05 28 52.7	-0.6
KLR	Kul'dur	42.25	289	eP	P	05 28 58.4	+2.1
MNTX	Cornudas Moun	42.59	114	P	P	05 28 58.4	+2.1
MNTX	comp=Z,19nm,1.2s					05 28 58.4	+2.1
MNTX	Cornudas Moun	42.59	114	P	P	05 28 56.6	+0.2
MNTX	comp=Z,330,SNR=15					05 28 56.6	+0.2
HDIL	Hopedale	42.62	90	P	P	05 28 58.8	+0.8
HDIL	comp=Z,9.0nm,0.9s					05 28 59.8	+0.8
WMOK	Wichita Moun	42.94	104	P	P	05 28 59.8	+0.8
WMOK	comp=Z,13nm,1.1s					05 29 00.9	
WMOK	Wichita Moun	42.94	104	P	P	05 28 59.9	+0.8
WMOK	comp=Z,13nm,1.1s					05 28 59.7	-0.1
R40A	Maddies Sta	43.04	95	P	P	05 29 00.3	
R40A	comp=Z,7.6nm,0.6s					05 29 00.1	-0.8
BOD	Bodaibo	43.21	309	eP	P	05 29 02.1	-0.1
BOD	comp=Z,12nm,1.6s					05 29 02.3	
O44A	Mansfield	43.33	90	P	P	05 29 02.3	-0.1
O44A	comp=Z,12nm,0.5s					05 29 02.3	+0.1
TUL1	Leonard	43.34	101	P	P	05 29 02.3	+0.1
TUL1	comp=Z,326					05 29 03.5	-0.4
U38A	Gravette	43.55	99	P	P	05 29 05.4	
U38A	comp=Z,16nm,1.2s					05 29 06.0	+0.1
SFIN	Lafayette	43.79	89	P	P	05 29 06.0	+0.1
SFIN	comp=Z,322					05 29 06.8	+0.8
L48A	N Adams	43.81	85	P	P	05 29 06.7	-1.0
HHAR	Hobbs	43.89	98	P	P	05 29 07.6	+0.9
AAM	Ann Arbor	43.90	84	P	P	05 29 07.9	-0.1
AAM	comp=Z,41					05 29 10.9	+0.7
N47A	Urbana	44.06	87	P	P	05 29 10.9	+0.7
ABTX	Abilene, Hawle	44.32	107	P	P	05 29 10.9	+0.7
ABTX	comp=Z,14nm,1.0s					05 29 10.9	+0.7
ABTX	Abilene, Hawle	44.32	107	P	P	05 29 10.4	+0.2
ABTX	comp=Z,328,SNR=8.0					05 29 11.3	
U40A	Yellville	44.33	97	P	P	05 29 10.4	+0.2
U40A	comp=Z,22nm,0.9s					05 29 11.3	
P46A	Rosedale	44.34	89	P	P	05 29 11.3	
P46A	comp=Z,22nm,0.9s					05 29 11.3	
T42A	Van Buren	44.60	95	P	P	05 29 11.9	-0.4
OLIL	Olney	44.63	91	P	P	05 29 12.8	+0.3
TRQ	Mont Tremblant	45.05	73	P	P	05 29 15.6	-0.3
TRQ	comp=Z,7.3nm,0.7s					05 29 16.1	
PBMO	Poplar Bluff	45.12	95	P	P	05 29 16.3	-0.1
TX31	Lajitas Ar. Si	45.37	114	P	P	05 29 20.3	+1.7
TX32	Lajitas Array	45.37	114	P	P	05 29 20.3	+1.7
TXAR	Lajitas Array	45.37	114	P	P	05 29 20.3	+1.7</

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SVE, DGZ, ARU, BRVK, KURK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PYUN, KOLN, KEST, CMAR, PMG, BOSA, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MOVZ, TUUV, WNWZ, etc.

Table with columns: SRN, comp=N, Azm, S, Sg, Time, Res. Includes stations like Sarande, Berane, Kozani, Kipourio, etc.

Table with columns: PSZ, ARSA, IDI, VYHS, BURAR, KBA, CRVS, ABTA, MOA, WTTA, WATA, SOTA, GERES, GERE, MOTA, MOTA, DAVOX, DAVOX, FINES, NOA, ZALV, ZALV, MKAR, etc. Includes station names and coordinates.

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

WATA	comp=E,73nm,0.4s,SNR=62	Sn	Sn	06 29 59.7 +1.3
TREC	comp=E,64nm,0.5s	8.57 339 eP	Pn	06 28 24.4 +2.0
TREC			e MLR	06 30 00.8
TREC	comp=Z,3um,10.3s	8.57 339 ePN	Pn	06 28 24.4 +2.0
TREC		eSN	Sn	06 30 00.8 +2.4
TREC		AMS	AMS	06 32 00.0
OKC	comp=Z,2um,13.7s	8.57 351 eP	Pn	06 28 25.8 +3.4
OKC		e	e	06 30 02.4
OKC	comp=Z,2um,13.7s	8.57 351 ePN	Pn	06 28 25.8 +3.4
OKC		eSN	Sn	06 30 02.4 +4.0
OKC		AMS	AMS	06 32 10.0
MORC	comp=Z,2um,13.7s	8.59 349 ePN	Pn	06 28 25.4 +2.6
MORC		eSN	Sn	06 30 01.0 +2.0
SQTA	comp=Z,59nm,0.6s,SNR=29	8.68 315 i Pn	Pn	06 28 25.4 +1.4
SQTA		eSN	Sn	06 30 00.6 -0.6
GE2C	comp=Z,181nm,0.5s	8.74 331 Pn	Pn	06 28 26.7 +1.7
GE2C	comp=Z,181nm,0.5s	8.74 331 ePN	Pn	06 28 26.1 +1.2
GERES	comp=Z,4.0nm,0.3s,baz=151,slow=14,SNR=157	8.74 331 Pn	Pn	06 28 26.7 +1.7
GERES	comp=Z,5.2nm,0.3s,baz=148,slow=23,SNR=1.4		Sn	06 30 03.5 +0.6
GERES		LR	LR	06 32 28.3
GERES	comp=Z,1um,19.3s,baz=144,slow=42		Pn	06 28 25.9 +0.9
MOTA	comp=Z,102nm,0.8s,SNR=42	8.81 316 i Pn	Pn	06 28 27.0 +1.2
MOTA		eSN	Sn	06 30 05.1 +0.5
FETA	comp=Z,97nm,0.5s	8.81 313 ePN	Pn	06 28 26.4 +0.4
FETA	comp=Z,16nm,0.7s,SNR=18		Sn	06 30 02.5 -2.1
OJC	comp=Z,36nm,0.6s	8.84 358 eP	S	06 28 29.1 +3.0
OJC		S	S	06 30 07.0 +1.9
OJC		P	P	06 28 27.0 +0.9
OJC		P	P	06 28 27.0 +0.9
LVV		8.85 16 eS	Sn	06 28 28.0 +1.7
LVV		eS	Sn	06 30 07.6 +2.2
LVV	comp=Z,220nm,1.5s		pmax	
LVV	comp=E,1um,7.0s		MLR	MLR
LVV	comp=N,2um,9.0s		MLR	MLR
LVV	comp=Z,2um,8.0s		MLR	MLR
SORM	comp=Z,122nm,0.7s	8.90 38 i P	Pn	06 28 28.5 +1.5
SORM		8.90 38 Pn	Pn	06 28 28.5 +1.5
KRLC	comp=Z,3um,12.1s	9.01 346 eP	e MLR	06 28 31.7 +3.2
KRLC		e MLR	MLR	06 30 13.1
KRLC	comp=Z,3um,12.1s	9.01 346 ePN	Pn	06 28 31.7 +3.2
KRLC		eSN	Sn	06 30 13.1 +3.9
KRLC		AMS	AMS	06 32 40.0
KHC	comp=Z,3um,12.1s	9.03 331 eP	Pn	06 28 30.6 +1.8
KHC		e MLR	MLR	06 30 12.9
KHC	comp=Z,3um,5.9s	9.03 331 ePN	Pn	06 28 30.6 +1.8
KHC		eSN	Sn	06 30 12.9 +3.1
KHC		AMS	AMS	06 31 30.0
RETA	comp=Z,3um,5.9s	9.08 315 i Pn	Pn	06 28 30.3 +0.8
RETA	comp=Z,4.4nm,0.3s,SNR=7.8		Sn	06 30 10.7 -0.4
DAVOX	comp=Z,122nm,0.7s	9.16 310 Pn	Pn	06 28 32.1 +1.4
DAVOX	comp=Z,9.3nm,0.3s,baz=137,slow=15,SNR=72		Sn	06 30 14.9 +1.8
DAVOX	comp=Z,8.4nm,0.3s,baz=148,slow=22,SNR=3.8		LR	06 32 47.0
FUR	comp=Z,788nm,19.9s,baz=118,slow=42	9.27 320 ePN	Pn	06 28 32.5 +0.5
WFC	comp=Z,3um,17.2s	9.30 329 ePN	Pn	06 28 33.1 +0.6
TUE	comp=Z,3um,17.2s	9.31 307 ePN	Pn	06 28 36.2 +2.9
DPC	comp=Z,3um,17.2s	9.36 345 eP	e MLR	06 30 20.5
DPC		e MLR	MLR	
DPC	comp=Z,3um,17.2s	9.44 312 ePN	Pn	06 28 35.2 +0.7
DAVA	comp=Z,31nm,0.5s,SNR=16	9.44 312 ePN	Pn	06 28 35.2 +0.7
DAVA		eSN	Sn	06 30 21.2 +1.2
DAVA	comp=Z,56nm,0.5s	9.44 312 ePN	Pn	06 28 36.2 +1.7
PRU	comp=Z,3um,8.2s	9.46 337 eP	e MLR	06 28 36.5 +1.9
PRU		e MLR	MLR	06 30 23.1
PRU	comp=Z,3um,8.2s	9.46 337 ePN	Pn	06 28 36.5 +1.9
PRU		eSN	Sn	06 30 23.1 +2.9
PRU		AMS	AMS	06 32 30.0
UBR	comp=Z,3um,8.3s	9.55 315 ePN	Pn	06 28 36.5 +0.6
PRA	comp=Z,3um,8.3s	9.56 337 AMS	AMS	06 32 30.0
UPC	comp=Z,3um,8.3s	9.57 344 eP	Pn	06 28 38.2 +2.1
UPC		e MLR	MLR	06 30 26.1
UPC	comp=Z,4um,9.0s	9.57 344 ePN	Pn	06 28 38.2 +2.1
UPC		eSN	Sn	06 30 26.1 +3.1
UPC		AMS	AMS	06 32 50.0
OSTC	comp=Z,4um,9.0s	9.57 345 ePN	Pn	06 28 39.0 +2.8
OSTC		eSN	Sn	06 30 26.1 +3.0
OSTC		AMS	AMS	06 33 00.0
PLONS	comp=Z,3um,9.7s	9.59 310 ePN	Pn	06 28 38.1 +1.6
CHVC	comp=Z,3um,9.7s	9.64 344 ePN	Pn	06 28 39.9 +2.8
CHVC		eSN	Sn	06 30 26.4 +1.7
CHVC		AMS	AMS	06 33 00.0
SBF	comp=Z,3um,11.1s	9.71 289 ePN	Pn	06 28 38.7 +0.5
SBF		eSN	Sn	06 30 19.0 -7.6
KSP	comp=Z,162nm,0.8s	9.83 345 eP	Pn	06 28 45.9 +6.2
KSP		S	S	06 30 32.1 +2.7
PVCC	comp=Z,2um,11.0s	9.94 339 ePN	Pn	06 28 44.0 +2.9
PVCC		e MLR	MLR	
PVCC	comp=Z,2um,11.0s	9.94 339 ePN	Pn	06 28 44.0 +2.9
PVCC		AMS	AMS	06 32 10.0
WILA	comp=Z,2um,11.0s	10.06 311 ePN	Pn	06 28 44.1 +1.1
ROTZ	comp=Z,2um,11.0s	10.06 329 ePN	Pn	06 28 44.5 +1.6
KEST	comp=Z,0.2nm,0.3s,baz=83,slow=18,SNR=4.1	10.18 240 Pn	Pn	06 28 47.8 +3.1
KEST		10.18 240 Pn	Pn	06 28 44.1 -0.5
FRF	comp=Z,68nm,0.9s	10.23 287 ePN	Pn	06 28 46.2 +1.0
FRF		eSN	Sn	06 29 30.1 +4.5
FRF		eSN	Sn	06 30 32.6 -6.6
MANZ	comp=Z,18nm,0.6s	10.28 329 ePN	Pn	06 28 46.5 +0.6
LMR		eSN	Sn	06 28 46.0 -0.2
LMR		eSN	Sn	06 30 34.3 -6.6
NKC	comp=Z,2um,8.6s	10.35 331 eP	MLR	06 28 49.9 +3.0
NKC		e MLR	MLR	
NKC	comp=Z,2um,8.6s	10.35 331 ePN	Pn	06 28 49.9 +3.0
NKC		AMS	AMS	06 33 10.0
MBDF	comp=Z,102nm,0.7s	10.36 293 ePN	Pn	06 28 46.1 -1.0
MBDF		eSN	Sn	06 30 35.7 -6.9
BRI31	comp=Z,102nm,0.7s	10.38 95 eP	Pn	06 28 46.7 -0.8
BRI31		eSN	Pn	06 28 46.5 -1.0

BTRR	comp=Z,0.2nm,0.3s,baz=272,slow=14,SNR=6.0	10.38 95 Pn	Pn	06 28 51.0 +3.5
BTRR		10.38 95 P	Pn	06 28 47.0 -0.4
BTRR		10.38 95 Pn	Pn	06 28 47.0 -0.4
GR1A	comp=Z,10.4nm,0.3s	10.40 326 P	Pn	06 28 48.3 +0.7
GR1A		10.40 326 P	Pn	06 28 49.7 +0.7
GRF	comp=Z,10.4nm,0.3s	10.40 326 ePN	Pn	06 28 49.0 +1.4
GRFO	comp=Z,10.4nm,0.3s	10.40 326 Pn	Pn	06 28 48.2 +0.6
GRFO		10.40 326 ePN	Pn	06 28 48.2 +0.6
BRG	comp=Z,16nm,1.1s	10.42 338 eP	Amp	06 28 49.2 +1.4
BRG				06 28 54.5
BRG	comp=Z,17nm,1.1s	10.42 338 P	Amp	06 28 58.8 +1.1
BRG				06 29 00.7
BRG	comp=E,4.9nm,12.3s		Amp	06 32 43.0
BRG	comp=N,2.2nm,10.4s		Amp	06 32 45.0
BEL	comp=Z,2.1nm,13.9s	10.46 2 eP	S	06 28 53.1 +4.8
BEL			S	06 30 46.9 +2.2
SLE	comp=Z,10.4nm,0.3s	10.48 311 ePN	Pn	06 28 48.2 -0.5
BNI	comp=Z,10.4nm,0.3s	10.51 295 Pn	Pn	06 28 49.0 -0.1
BNI		10.51 295 Pn	Pn	06 28 50.0 -0.1
SENI	comp=Z,10.4nm,0.3s	10.54 302 ePN	Pn	06 28 49.8 +0.2
SULZ	comp=Z,10.4nm,0.3s	10.58 310 ePN	Pn	06 28 49.9 -0.1
LPG	comp=Z,188nm,0.7s	10.59 297 eSN	Sn	06 28 49.4 -1.0
LPG		eSN	Sn	06 30 41.7 -6.7
LPL	comp=Z,311nm,1.0s	10.61 297 ePN	Sn	06 28 49.2 -1.4
LPL		eSN	Sn	06 30 41.9 -6.9
STU	comp=Z,10.4nm,0.3s	10.70 317 P	Pn	06 28 52.0 +0.3
STU		10.70 317 P	Pn	06 28 52.0 +0.3
STU		10.70 317 ePN	Pn	06 28 51.7 +0.1
BALST	comp=Z,10.4nm,0.3s	10.72 308 ePN	Pn	06 28 51.9 -0.2
BFO	comp=Z,10.4nm,0.3s	10.89 314 P	Pn	06 28 53.7 -0.6
BFO		10.89 314 P	Pn	06 28 53.7 -0.6
MOX	comp=Z,11.0nm,0.3s	11.00 330 ePN	Pn	06 28 56.6 +1.0
ORIF	comp=Z,87nm,0.6s	11.02 293 eSN	Sn	06 28 54.9 -1.2
ORIF		eSN	Sn	06 30 51.7 -7.1
SMRF	comp=Z,38nm,0.9s	11.05 288 ePN	Sn	06 28 55.8 -0.7
SMRF		eSN	Sn	06 30 52.1 -7.4
CLL	comp=Z,11.0nm,0.3s	11.08 336 P	Pn	06 28 57.6 +0.7
CLL		11.08 336 P	Pn	06 28 57.6 +0.7
CLL		11.08 336 i Pn	Pn	06 28 59.8 +1.0
AKASG	comp=Z,1.1nm,0.3s,baz=219,slow=13,SNR=62	11.23 31 Pn	Pn	06 32 13.8
AKASG	comp=Z,0.4nm,0.3s,baz=222,slow=27,SNR=1.1		Lg	06 33 51.5
AKASG	comp=Z,991nm,21.3s,baz=200,slow=41	11.23 31 P	Pn	06 28 59.0 +0.2
AKASG		11.23 31 P	Pn	06 28 59.0 +0.2
AKAB	comp=Z,11.1nm,0.6s	11.23 31 ePN	Pn	06 29 00.5 +1.6
CABF	comp=Z,11.1nm,0.6s	11.40 302 ePN	Pn	06 29 00.0 -1.4
CABF		eSN	Sn	06 31 00.9 -7.2
HINF	comp=Z,662nm,1.6s	11.46 309 ePN	Pn	06 29 01.9 -0.1
HINF		11.46 309 ePN	Pn	06 29 50.4 +4.8
HINF		eSN	Sn	06 31 03.2 -6.2
ECH	comp=Z,85nm,0.7s	11.48 311 P	Pn	06 29 01.7 -0.7
ECH		11.48 311 P	Pn	06 29 01.7 -0.7
CDP	comp=Z,11.1nm,0.6s	11.52 312 ePN	Pn	06 29 01.7 -1.3
CDP		11.52 312 ePN	Pn	06 29 50.9 +4.8
CDP		eSN	Sn	06 31 03.6 -7.4
VIVF	comp=Z,74nm,1.0s	11.85 292 ePN	Sn	06 29 06.0 -1.3
VIVF		eSN	Sn	06 31 11.7 -7.2
HAU	comp=Z,31nm,0.8s	11.85 309 ePN	Pn	06 29 06.1 -1.2
HAU		11.85 309 ePN	Pn	06 29 58.3 +5.1
HAU		eSN	Sn	06 31 11.2 -7.2
SSB	comp=Z,12.0nm,0.8s	12.03 294 P	Pn	06 29 09.1 -0.7
SSB		12.03 294 P	Pn	06 29 09.1 -0.7
TNS	comp=Z,12.0nm,0.8s	12.03 321 ePN	Pn	06 29 10.3 +0.5
LASF	comp=Z,12.0nm,0.8s	12.30 288 ePN	Pn	06 29 11.6 +0.9
LASF		eSN	Sn	06 31 21.0 -8.9
PAGF	comp=Z,139nm,0.8s	12.48 310 ePN	Pn	06 29 15.4 +0.5
PAGF		eSN	Sn	06 31 27.0 -7.3
PAGF		eSN	Sn	06 32 50.9
SFTF	comp=Z,983nm,1.9s	12.72 307 ePN	Pn	06 29 17.8 -1.4
SFTF		12.72 307 ePN	Pn	06 31 32.0 -8.1
SFTF		eSN	Sn	06 32 58.2
SUW	comp=Z,12.7nm,1.5s	12.79 8 eP	Pn	06 29 23.6 +3.4
SUW		12.79 8 P	Pn	06 29 21.4 +1.3
SUW		12.79 8 Pn	Pn	06 29 21.4 +1.3
WLF	comp=Z,12.8nm,1.5s	12.83 315 eP	Pn	06 29 21.6 +0.9
WLF		12.83 315 P	Pn	06 29 21.4 +0.6
WLF		12.83 315 Pn	Pn	06 29 21.4 +0.6
MEZF	comp=Z,129nm,0.8s	12.85 309 ePN	Pn	06 29 20.4 -0.5
MEZF		eSN	Sn	06 31 35.5 -7.7
MEZF		eSN	Sn	06 33 01.6
SAVF	comp=Z,244nm,1.4s	12.86 309 ePN	Pn	06 29 20.0 -1.1
SAVF		eSN	Sn	06 31 35.5 -8.0
SAVF		eSN	Sn	06 33 02.5
SMF	comp=Z,39nm,1.0s	12.87 300 ePN	Pn	06 29 19.9 -1.4
SMF		eSN	Sn	06 31 35.4 -8.5
ANN	comp=Z,92nm,0.7s	13.07 69 eP	pmax	06 29 21.7 -2.3
ANN		ePmax	pmax	
ANN	comp=Z,49nm,0.8s		MLR	MLR
ANN	comp=Z,61nm,11.0s		MLR	MLR
LOR	comp=N,484nm,12.0s	13.07 302 ePN	Pn	06 29 22.5 -1.5
LOR		eSN	Sn	06 31 40.5 -8.2
SSF	comp=N,53nm,0.6s	13.22 301 ePN	Pn	06 29 24.9 -1.2
SSF		eSN	Sn	06 31 44.1 -8.3
SSF	comp=N,33nm,0.5s		Pn	06 29 24.9 -1.4
AVF	comp=Z,33nm,0.5s	13.23 300 ePN	Pn	06 31 44.5 -8.2
AVF		eSN	Sn	
BHOU	comp=Z,38nm,0.8s	13.32 317 dP	Pn	06 29 28.7 +1.4
BTNL	comp=Z,38nm,0.8s	13.39 318 dP	Pn	06 29 30.1 +1.7
BTNL		dPP	PbPb	06 30 13.2 +0.6
MTLF	comp=Z,10.4nm,0.3s	14.24 284 ePN	Pn	06 29 27.7 -1.2
MTLF		eSN	Sn	06 31 48.7 -8.7
MEM	comp=N,6.4nm,0.6s	13.47 318 dP	x	06 29

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Makhachkala, NORARS Array S, FINESS Array B, etc.

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

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DENIZLI Tavass, TAVAS, MULA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APC Ganaly, GNL Pauzhetka, GNL Mys Kozlova, etc.

IDC 01 07:13:17.6:1.4, 33.94S:72.15W, h0km, mb3.5/3, mb1 3.6/5, mb1mx3.5/22, mbtmp3.4/5, ML3.4/2, Error ellipse: s-maj=69.9km s-min=27.2km az=79.0

GUC 01 07:13:21.7:0.7, 33.97S:72.11W, h30km, 14km, ML3.4

ISC 01 07:13:21.2:0.9, 33.94S:0.04:72.07W:0.07, h21km, 4km, n21, c0588/29, mb3.8/3, 1C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VA05 Santo Domingo, MT09 Talagante, BO01 Tuncas, etc.

JMA 01 07:13:50.0, 36.01N:137.34E, h5km, M2.7, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JGN Niukaw, JTT Ttatey, JYTA Yamagatanai, etc.

IDC 01 07:14:18.4:0.8, 15.29N:122.69E, h0km, mb4.1/14, mb1 4.2/14, mb1mx3.9/64, mbtmp4.1/14, MS3.0/1, Ms1 3.2/1, ms1mx2.6/55, Error ellipse: s-maj=40.1km s-min=15.0km az=69.0

MAN 01 07:14:18.1, 15.39N:122.43E, h29km, mb4.5, ML3.4, MS3.2

NEIC 01 07:14:18.4:1.6, 15.31N:0.08:122.5E:0.1, h35km, 2km, mb4.4/32, Error ellipse: s-maj=17.6km s-min=14.0km az=78.0

ISC 01 07:14:17.9:1.6, 15.39N:0.04:122.61E:0.08, h34km, 6km, n63, c1928/65, mb4.3/27, 3C-2D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCNP Jose Panganiba, JTT Ttatey, JYTA Yamagatanai, etc.

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

NEIC 01 07:16:27.5:1.2, 55.6S:0.1:124.5W:0.2, h10km, 1km, mb4.5/18, Error ellipse: s-maj=24.0km s-min=20.2km az=294.0

IDC 01 07:16:28.3:1.0, 55.6S:0.1:124.5W:0.2, h0km, mb3.9/8, mb1 4.1/8, mb1mx3.9/29, mbtmp3.9/8, MS3.8/1, Ms1 3.8/1, ms1mx3.6/22, Error ellipse: s-maj=33.1km s-min=25.4km az=124.0

GCMT 01 07:16:29.0:0.6, 55.94S:0.1:123.53W:0.03, h24km, 2km, MW4.9/70, Moment Tensor Solution, s16:19, s70:65, Duration: 0. Moment tensor: Scale 10^16Nm; M0:3.4e23; Mw:0.85+; Ms:1.20+; Mb:1.60+; Mm:0.68+; 39; Mw:2.60; 10; Ms:1.04+; 35; Best double couple: M3:0.7200x10^16 Nm; 283.000000, 880.000000, 157.000000. Principal axes: T 3.1020, Plg23.00000, Azm144.00000; N -0.0620, Plg65.00000, Azm347.00000; P -3.0420, Plg9.00000, Azm238.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

ISC 01 07:16:29.0:0.6, 55.94S:0.1:124.0W:0.1, h10km, n54, c1566/30, mb4.2/10, MS4.0/14, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMSA Palmer Station, VA02 Isla de Pascua, RPN Rapa Nui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G003 Copiap, TA0E Nuku Hiva Isla, PB14 IPC Station P, etc.

NNC 01 07:19:56.8:0.4, 50.01N:78.76E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=7.3km s-min=2.2km az=76.0, Suspected Mining explosion.

IDC 01 07:19:57.6:1.0, 50.08N:78.72E, h0km, mb1 2.9/2, mb1mx2.9/66, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=13.2km s-min=6.3km az=66.0

ISC 01 07:19:58.3:0.8, 50.09N:0.04:78.81E:0.05, h0km, n30, c1922/48, 18C-12D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR07 Kurchatov Arra, KUR16 Kurchatov Arra, KUR05 Kurchatov Arra, etc.

MAN 01 07:24:24.6, 13:09N, 119:34E, h35km, mb4.5, ML3.4, MS3.3
IDC 01 07:24:25.0, 1.0, 13:16N, 120:74E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.6/64, mbmtb3.9/6, MS3.4/3, Ms1 3.4/3, ms1mx2.8/55, Error ellipse: s-maj=54.9km s-min=18.3km az=74.0
ISC 01 07:24:28.6, 1.1, 13.0N, 0:119.8E, 0:1, h31km, n12, c278/13, mb4.0/6, 3C-1D, Philippine Islands region

GCG 01 07:27:46.5, 0.6, 14:22N, 92:58W, h35km, 999km, MD3.8
MEX 01 07:27:50.3, 1.0, 14:20N, 92:19W, h57km, 14km, MD4.3
ISC 01 07:27:48.9, 2.7, 14:22N, 0:192.40W, 0:008, h20km, n11km, n8, c2812/13, Near coast of Chiapas

Code Station Name Az AZZ Op Phase ID Time Res ISC
THIG 0.69 11 eP Op ISC h m s ISC
THIG 0.94 59 eP Op ISC h m s ISC
STG3 1.53 81 eP Op ISC h m s ISC
FUG 1.67 332 eP Op ISC h m s ISC
PCIG 1.67 332 eP Op ISC h m s ISC
PCIG 1.67 332 eP Op ISC h m s ISC
NBG 2.02 79 eP Op ISC h m s ISC
NBG 2.02 79 eP Op ISC h m s ISC
COIG 2.06 7 eP Op ISC h m s ISC
COIG 2.06 7 eP Op ISC h m s ISC
TGIG 2.63 345 eP Op ISC h m s ISC
TGIG 2.63 345 eP Op ISC h m s ISC
CMIG 3.72 320 eP Op ISC h m s ISC
CMIG 3.72 320 eP Op ISC h m s ISC

TUL 01 07:32:29.0, 5.36, 53N, 0:04, 98:99W, 0:04, h5km, 6km, ML2.7, mb, Lg2.5/17(NEIC), Error ellipse: s-maj=5.3km s-min=4.3km az=189.0
NEIC 01 07:32:29.0, 7.36, 55N, 0:003, 99:00W, 0:04, h8km, 6km, Error ellipse: s-maj=5.4km s-min=3.5km az=48.0, Oklahoma

Code Station Name Az AZZ Op Phase ID Time Res ISC
U32A Winter Ranch, 0.17 180 P Pn 07 32 52.4 +0.1
OKFA Oklahoma City, 1.69 132 Pn Pn 07 32 59.1 +0.2
WMOK Wichita Mounta, 1.82 174 Iamb Pn 07 33 00.7 +0.1
WMOK Iamb_Lg 07 33 27.4
FNO Franklin, 1.83 134 Pn Pn 07 33 01.6 +0.8
FNO Iamb_Lg 07 33 29.6
T35A Sooner Cattle, 2.03 79 Iamb_Lg 07 33 36.6
X34A Smith Ranch, M, 2.16 154 Iamb_Lg 07 33 41.2
CBKS Cedar Bluff, 2.33 346 Iamb_Lg 07 33 47.8
TUL1 Leonard, 2.67 103 Pn Pn 07 33 12.9 +0.5
AMTX Amarillo, 2.74 233 Iamb_Lg 07 33 57.2
X37A Clayton, 3.55 122 Pn Pn 07 33 24.8 +0.4
KSCO Kaye Sheddock, 3.78 312 Iamb_Lg 07 34 37.4
N33A J Bar K, Exete, 4.36 16 Pn Pn 07 33 35.6 +0.1
T25A Trinidad, 4.38 279 Pn Pn 07 33 36.3 +0.3
S39A Bolivar, 4.68 74 Pn Pn 07 33 40.2 +0.2
WHTX Lake Whitney, 4.72 164 Pn Pn 07 33 40.2 -0.3
MJAR Mount Ida, 4.85 113 Pn Pn 07 33 42.0 -0.1
BGNE Belgrade, 4.87 8 Pn Pn 07 33 43.3 +0.4
U40A Yellville, 4.96 90 Iamb_Lg 07 35 13.0
R40A Maddies Statio, 5.63 70 Pn Pn 07 33 53.2 +0.1
LCAR Lake Charles, 6.35 92 Pn Pn 07 34 03.2 +0.3
PBMO Poplar Bluff, 6.89 86 Iamb_Lg 07 36 04.8

JMA 01 07:40:21.5, 0.1, 30:34N, 140:49E, h1km, M4.3
NEIC 01 07:40:25.4, 1.8, 30:22N, 0:08, 140:1E, 0:2, h108km, 8km, mb4.3/10, Error ellipse: s-maj=22.1km s-min=3.0km az=58.0

IDC 01 07:40:25.3, 1.3, 30:22N, 140:06E, h115km, 13km, mb3.5/9, mb1 3.6/12, mb1mx3.4/49, mbmtb3.8/12, Error ellipse: s-maj=35.0km s-min=8.4km az=74.0
ISC 01 07:40:24.4, 0.6, 30:26N, 0:07, 140:2E, 0:1, h100km, n40, c157/43, mb4.2/14, Southeast of Honshu

Code Station Name Az AZZ Op Phase ID Time Res ISC
JHJ Hachijo jima 2, 2.88 353 P Pn 07 41 09.6 +1.1
JHJ 11nm, 0.3s, baz=240, slow=16, SNR=1.6
JHJ S 07 41 44.8 +2.4
CBJ Chichi jima, 3.59 151 P Pn 07 41 19.5 +1.5
JCJ Chichijima, 3.59 151 P Pn 07 41 19.7 +1.7
JCJ 13nm, 0.3s, baz=270, slow=19, SNR=2.9
JCJ S 07 42 02.3 +2.7
JCJ1 Chichijima, 3.59 151 P Pn 07 41 19.4 +1.3
JCJ1 S 07 42 00.7 +1.2
BSO3 Boso 3, 4.43 8 P Pn 07 41 29.2 +0.4
BSO3 Boso 3, 4.54 3 P Pn 07 41 31.2 +0.6
BSO4 Boso 4, 4.72 1 P Pn 07 41 36.4 +3.2
JOD2 Odawara 2, 5.08 349 P Pn 07 41 41.8 +3.6
JHU Hanno, 5.04 352 P Pn 07 41 48.0 +2.3
INU Inuyama, 5.75 323 P Pn 07 41 49.0 +1.8
JRY Ryogami san, 5.85 349 P Pn 07 41 51.1 +2.5
JWT Wachi, 6.45 322 Pn Pn 07 41 58.9 +2.1
MJAR Matsushiro Arr, 6.49 346 P Pn 07 41 59.1 +1.8
MJAR Matsushiro Arr, 6.49 346 P Pn 07 41 59.1 +1.8
MAJO Matsushiro, 6.49 346 Pn Pn 07 41 59.9 +2.6
JSD Sado, 7.93 349 Pn Pn 07 42 17.0 +0.1
JTM Tenmabayashi, 10.53 4 Pn Pn 07 42 51.0 -1.2
KLR Kufur'du, 20.01 344 P P 07 44 50.5 +1.5
WBO Warramunga Arr, 50.05 187 P P 07 49 08.3 -0.7
WBO Iamb Iamb 07 49 08.6
WRD Warramunga Arr, 50.22 187 P P 07 49 09.2 -1.1
WRD Iamb Iamb 07 49 32.5
WRA Warramunga Arr, 50.23 187 P P 07 49 09.7 -0.6
WRA comp=Z, 6.0nm, 1.3s
WRA Warramunga Arr, 50.23 187 P P 07 49 09.4 -0.9
WRA Warramunga Arr, 50.23 187 P P 07 49 28.2 +0.9
K20K Telida, 52.56 31 P Iamb Iamb 07 49 40.4
PPLA Purkeypille, 53.36 32 P P 07 49 34.2 +0.9
ASAR Alice Springs, 53.96 187 P P 07 49 37.0 -0.9
comp=Z, 1.2nm, 0.5s, baz=11, slow=3.5, SNR=8.0
ASAR Alice Springs, 53.96 187 P P 07 49 38.1 +0.2
MDM Murphy Dome, 55.23 29 P P 07 49 47.1 +0.3
MDM Iamb Iamb 07 49 59.8

H24K Noodor Dome, 55.42 28 P P 07 49 48.8 +0.7
H24K Iamb Iamb 07 50 17.1
EUNU Eureka, 57.02 8 P P 07 49 57.8 +0.6
RIDG Independent Ri, 56.70 31 P P 07 49 59.8 -0.1
SCRK Sand Creek, 57.07 31 P Iamb Iamb 07 50 25.3
comp=Z, 4.3nm, 1.4s
ABKR Akbulak Array, 61.67 313 P P 07 50 30.0 -1.7
EUNU Eureka, 67.02 8 P P 07 51 05.4 -0.7
ARCES ARCESS Array B, 70.00 340 P P 07 51 23.9 -0.8
FINES FINES Array B, 74.36 333 P P 07 51 49.5 -1.3
comp=Z, 3.4nm, 0.9s, baz=67, slow=7.0, SNR=1.4
FINES FINES Array B, 74.36 333 P P 07 51 49.5 -1.3
comp=Z, 4.4nm, 1.0s, baz=66, slow=6.5, SNR=9.9
AKAG Malin Array Be, 79.09 323 P P 07 52 15.6 -1.2
comp=Z, 0.3nm, 0.3s, baz=54, slow=5.0, SNR=3.1
HFS Hagfors, 79.85 336 P P 07 52 20.6 -1.0
NVAR Mina Array Bea, 79.91 51 P P 07 52 22.9 +0.3
comp=Z, 0.4nm, 0.5s, baz=297, slow=6.0, SNR=4.9
NVAR Mina Array Bea, 79.91 51 P P 07 52 23.2 +0.5
TXAR Lajitas Array, 95.06 52 P P 07 53 36.2 -0.2
comp=Z, 0.1nm, 0.6s, baz=293, slow=4.6, SNR=1.5

TAP 01 07:42:24.2, 24:65N, 122:23E, h74km, ML3.1, B
JMA 01 07:42:24.3, 0.2, 24:60N, 122:20E, h76km, 3km, M1.9
ISC 01 07:42:25.0, 1.3, 24:65N, 0:003, 122:23E, 0:02, h72km, 7km, n79, c051/146, Taiwan region

Code Station Name Az AZZ Op Phase ID Time Res ISC
TWC Suao, 0.35 264 P Pn 07 42 35.5 -0.2
TWC Iamb Iamb 07 42 45.1 -0.2
NTC Toucheng, 0.42 299 P Pn 07 42 37.0 -0.2
NTC Iamb Iamb 07 42 45.9 -0.4
TWB1 Santiao Chiao, 0.42 328 P Pn 07 42 37.0 -0.3
TWB1 S 07 42 46.8 +0.5
ILA ilan, 0.46 285 eP Pn 07 42 37.6 +0.1
ILA Iamb Iamb 07 42 47.1 +0.3
EWUT Wuta, 0.46 244 P Pn 07 42 37.3 -0.3
EWUT Iamb Iamb 07 42 47.1 +0.2
NDS Dongshan, 0.47 268 P Pn 07 42 37.8 +0.1
NDS Iamb Iamb 07 42 47.3 +0.2
TIPB Shuangxi, 0.49 311 P Pn 07 42 37.9 0.0
TIPB Iamb Iamb 07 42 47.7 +0.2
ENA Nanau, 0.50 544 P Pn 07 42 38.0 0.0
ENA Iamb Iamb 07 42 47.9 +0.4
TWE Neicheng, 0.52 278 P Pn 07 42 38.2 0.0
TWE Iamb Iamb 07 42 47.9 +0.1
NWF Wu-fen Shan, 0.59 316 P Pn 07 42 39.0 0.0
NWF Iamb Iamb 07 42 49.3 +0.1
ENTT Nioudou, 0.61 269 P Pn 07 42 39.5 +0.4
ENTT Iamb Iamb 07 42 50.3 +0.9
NDT Datong Townshi, 0.66 266 P Pn 07 42 40.0 +0.4
NDT Iamb Iamb 07 42 51.3 +1.0
JYNG Yonagunijimaku, 0.68 107 P Pn 07 42 39.9 +0.2
JYNG Iamb Iamb 07 42 50.9 +0.2
NWLTL Wulai, 0.68 281 P Pn 07 42 39.7 -0.1
NWLTL Iamb Iamb 07 42 51.1 +0.3
TWA Muecha, 0.68 299 eP Pn 07 42 39.5 -0.3
TWA Iamb Iamb 07 42 50.3 -0.5
NHDH Xindian Distri, 0.72 296 eP Pn 07 42 40.0 -0.2
NHDH Iamb Iamb 07 42 50.9 -0.5
YOJ Yonaguni jima, 0.73 105 P Pn 07 42 40.2 -0.1
YOJ Iamb Iamb 07 42 52.0 +0.2
YOJ Yonaguni jima, 0.73 105 P Pn 07 42 40.5 +0.2
YOJ Iamb Iamb 07 42 51.9 +0.2
ETL Fush Village, 0.74 229 eP Pn 07 42 40.4 -0.1
ETL Iamb Iamb 07 42 52.3 +0.3
NACB Ninganchiao, 0.75 231 P Pn 07 42 39.7 -0.9
NACB Iamb Iamb 07 42 51.2 -0.9
YMO1 YMO1, 0.78 310 P Pn 07 42 40.6 -0.4
YMO1 Iamb Iamb 07 42 52.3 -0.5
YHNB Yeheng, 0.78 272 P Pn 07 42 40.8 -0.2
YHNB Iamb Iamb 07 42 53.1 +0.2
NSK Sanguang, 0.80 272 P Pn 07 42 41.2 0.0
NSK Iamb Iamb 07 42 53.3 +0.1
NNSB Datong, 0.81 254 P Pn 07 42 41.2 -0.1
NNSB Iamb Iamb 07 42 53.9 +0.4
NNS Nan Shan, 0.81 255 P Pn 07 42 41.1 -0.3
NNS Iamb Iamb 07 42 53.6 0.0
TWD Chiawan, 0.81 226 P Pn 07 42 40.6 -0.7
TWD Iamb Iamb 07 42 52.7 -0.7
ETLH Xiulin Townshi, 0.81 237 P Pn 07 42 40.7 -0.7
ETLH Iamb Iamb 07 42 52.6 -1.0
TWS1 Kuangyinshan, 0.87 301 P Pn 07 42 41.8 -0.2
TWS1 Iamb Iamb 07 42 54.5 0.0
NTST Danshui, 0.88 300 P Pn 07 42 54.9 +0.1
HWA Hwailien, 0.88 221 eP Pn 07 42 42.0 -0.1
HWA Iamb Iamb 07 42 55.2 +0.4
FUSS Fushou, 0.99 246 eP Pn 07 42 43.4 -0.2
FUSS Iamb Iamb 07 42 57.5 0.0
NCU National Centr, 1.00 289 eS Sn 07 42 58.1 +0.6
NCU Zhongli, 1.00 289 eP Pn 07 42 43.6 0.0
NCU Iamb Iamb 07 42 57.6 +0.1
WHF Hehuan Shan, 1.02 241 P Pn 07 42 43.7 -0.5
WHF Iamb Iamb 07 42 58.1 -0.3
TWT Tachien, 1.04 248 eP Pn 07 42 44.6 +0.3
TWT Iamb Iamb 07 42 59.0 +0.4
TDCB Tech, 1.06 248 eP Pn 07 42 44.3 -0.1
TDCB Iamb Iamb 07 42 58.6 -0.3

ESL Shilin, 1.11 222 eP Pn 07 42 43.6 -1.3
ESL Iamb Iamb 07 50 17.1
ESL Iamb Iamb 07 49 57.8 +0.6
LIOB Emei, 1.11 270 eP Pn 07 42 44.8 -0.1
LIOB Iamb Iamb 07 50 25.3
LIOB Iamb Iamb 07 43 00.1 +0.2
NSTT Nanjiang, 1.12 269 eP Pn 07 42 44.9 -0.2
NSTT Iamb Iamb 07 43 00.3 +0.2
CHGB Iamb Iamb 1.13 239 P Pn 07 42 45.3 -0.2
CHGB Iamb Iamb 07 43 00.6 0.0
SBCB Hsinchu, 1.14 277 eP Pn 07 42 45.6 +0.2
SBCB Iamb Iamb 07 43 01.0 +0.3
HSN Hsinchu, 1.16 278 eP Pn 07 42 45.2 -0.4
HSN Iamb Iamb 07 43 00.2 -0.8
OWD Renai, 1.19 235 eP Pn 07 42 46.0 -0.1
OWD Iamb Iamb 07 43 00.9 -0.9
EGFH Guangtu, 1.22 217 eP Pn 07 42 46.8 +0.4
EGFH Iamb Iamb 07 43 02.0 -0.4
WHP Taichung City, 1.23 253 eP Pn 07 42 47.1 +0.5
WHP Iamb Iamb 07 43 03.1 +0.4
NMLH Miaoili, 1.32 265 eP Pn 07 42 48.2 +0.6
NMLH Iamb Iamb 07 43 04.7 +0.1
WCS Beigang Elemen, 1.34 244 eP Pn 07 42 48.2 +0.2
WCS Iamb Iamb 07 43 06.0 +0.8
HGSD Ruisui, 1.37 213 eP Pn 07 42 48.4 +0.1
HGSD Iamb Iamb 07 43 06.8 +1.0
IRIF Iriomote-Funau, 1.40 103 P Pn 07 42 48.4 -0.2
IRIF Iamb Iamb 07 43 06.3 -0.2
EHY Hungye, 1.41 216 eP Pn 07 42 49.1 +0.3
EHY Iamb Iamb 07 43 06.3 -0.5
SMLT Sun Moon Lake, 1.44 238 eP Pn 07 42 49.1 -0.1
SMLT Iamb Iamb 07 43 08.0 +0.4
SSLB Suanglung, 1.45 234 eP Pn 07 42 49.5 +0.1
SSLB Iamb Iamb 07 43 08.8 +1.1
TYC Yuch, 1.46 240 eP Pn 07 42 49.6 +0.1
TYC Iamb Iamb 07 43 08.2 +0.3
WDJ Delta District, 1.48 259 eP Pn 07 43 08.2 -0.3
YULB Yu-li, 1.52 215 eP Pn 07 42 49.9 -0.4
YULB Iamb Iamb 07 43 08.2 -1.1
EYUL Yuli, 1.54 213 eS Sn 07 43 10.2 +0.3
HATJ Hateruma jima, 1.55 112 eS Sn 07 43 10.2 +0.2
WJS Zhusan, 1.60 239 eP Pn 07 42 51.5 +0.1
WJS Iamb Iamb 07 43 11.7 +0.4
WNT Mingjian, 1.61 242 eP Pn 07 42 52.1 +0.7
WNT Iamb Iamb 07 43 12.0 +0.6
YUS Yu-Shan, 1.65 226 eP Pn 07 42 52.1 -0.2
YUS Iamb Iamb 07 43 12.7 -0.4
JKRS Kuro-shima, 1.67 104 S Sn 07 43 13.2 +0.3
FULB Fuli, 1.68 211 eP Pn 07 42 52.6 +0.1
FULB Iamb Iamb 07 43 13.3 +0.1
ALS Alishan, 1.73 229 eP Pn 07 42 52.9 -0.4
ALS Iamb Iamb 07 43 14.4 -0.4
JIJ Ishigaji jima, 1.76 99 P Pn 07 42 53.4 -0.1
JIJ Iamb Iamb 07 43 14.5 -0.6
CHNS Tsauling, 1.77 234 eP Pn 07 42 54.1 +0.5
CHNS Iamb Iamb 07 43 17.0 +1.7
WDLH Douliu, 1.82 239 eP Pn 07 43 17.1 +0.6
ELDTW Lidau, 1.83 218 eP Pn 07 42 53.4 -1.1
ELDTW Iamb Iamb 07 43 15.2 -1.7
WRL Guolierlin Hig, 1.85 247 eS Sn 07 43 16.6 -0.7
EDH Donghe, 1.87 207 eP Pn 07 42 55.2 +0.2
EDH Iamb Iamb 07 43 17.9 +0.1
JISG Ishigajijimahi, 1.89 91 eS Sn 07 43 18.8 +0.6
CHN4 Tsauhsan, 1.98 230 eP Pn 07 42 57.0 +0.6
CHN4 Iamb Iamb 07 43 20.3 0.0
STYH Taoyuan, 1.99 222 eP Pn 07 42 56.9 +0.4
STYH Iamb Iamb 07 43 21.1 +0.6
TPUB Ta-pu, 1.99 228 eP Pn 07 42 56.7 +0.1
TPUB Iamb Iamb 07 43 20.5 -0.1
LONT Longtian, 2.01 210 eS Sn 07 43 19.0 -2.0
WTP Ta-pu, 2.04 227 eS Sn 07 43 22.2 +0.5
CHN1 Nanshi, 2.14 227 eS Sn 07 43 24.1 0.0
SLGT Liugui, 2.20 222 eP Pn 07 43 00.1 +0.7
SLGT Iamb Iamb 07 43 25.7 +0.1
MASBT Mashibuluo, 2.50 216 eP Pn 07 43 04.0 +0.5
MASBT Iamb Iamb 07 43 33.1 +0.1
MATB Ma-tsu, 2.55 306 eP Pn 07 43 03.9 -0.3
MATB Iamb Iamb 07 43 33.2 -1.0
PRU 01 07:51:52.0, 0.0, 49:79N, 18:71E, h0km, Czech and Slovak Republics
Code Station Name Az AZZ Op Phase ID Time Res ISC
OKC Ostrava-Krasne, 0.37 278 Op ISC h m s ISC
OKC Iamb Iamb 07 51 58.9 +0.6
DPC Dobruska-Polom, 1.64 291 eP Pn 07 52 22.5 +0.4
DPC Iamb Iamb 07 52 43.7 -0.2
SKO 01 07:52:02.4, 41:39N, 20:22E, h12km, h12km
TIR 01 07:52:01.3, 41:33N, 20:25E, h10km, 6km, Md2.3, Ml2.1, Albania
Code Station Name Az AZZ Op Phase ID Time Res ISC
TIR Tirane, 0.29 274 Op ISC h m s ISC
TIR Iamb Iamb 07 52 07.7 +0.5
TIR Iamb Iamb 07 52 07.6 +0.1

VRAC	comp=Z,22nm,0.3s,baz=108,slow=20,SNR=3.7	Sn	Sn	07 54 07.2	-3.3
VRAC	comp=Z,29nm,0.3s,baz=315,slow=20,SNR=5.4	Lg	Lg	07 54 22.2	
VRAC	VRANOV	3.52 11	ePn	07 53 27.9	-0.8
KHC	Kasperske Hory	3.52 339	eP	07 53 28.6	-0.2
KHC	KHC		smax	07 54 08.1	
KHC	comp=N,62nm,0.6s	3.52 339	ePn	07 53 28.6	-0.2
KHC	Kasperske Hory	3.52 339	ePn	07 53 28.6	-0.2
KHC	KHC		ePn	07 53 38.5	+2.3
KHC	KHC		eSg	07 54 08.1	-2.7
KHC	KHC		eSg	07 54 24.1	-2.5
KHC	comp=N,62nm,0.6s	3.52 339	ePn	07 53 28.6	-0.2
RUDO	Kasperske Hory	3.52 339	ePn	07 53 28.6	-0.2
RUDO	RUDO	3.54 128	ePn	07 54 10.9	-0.3
ZCCA	Zocca	3.56 246	ePn	07 53 29.4	0.0
BE1	Monatshausen	3.59 306	ePn	07 53 30.4	+0.6
UPM	Unac-Piva	3.59 137	ePn	07 53 30.6	+0.7
UPM	Unac-Piva	3.59 137	ePn	07 53 29.5	-0.4
UPM	UPM		eSg	07 54 12.5	-0.2
DIVS	Divibare	3.62 118	ePn	07 53 30.0	-0.2
DIVS	Divibare	3.62 118	ePn	07 53 29.7	-0.5
DIVS	Divibare	3.62 118	ePn	07 53 30.0	-0.2
DIVS	Divibare	3.62 118	ePn	07 54 13.6	+0.2
DIVS	Divibare	3.62 118	ePn	07 53 29.2	-1.0
DIVS	Divibare	3.62 118	ePn	07 53 29.2	-1.0
PSZ	Piszkesteto	3.63 54	ePn	07 53 28.3	-2.0
PSZ	Piszkesteto	3.63 54	ePn	07 53 28.2	-2.0
PSZ	Piszkesteto	3.63 54	ePn	07 53 28.9	-1.3
PSZ	Piszkesteto	3.63 54	ePn	07 53 28.9	-1.3
PSZ	Piszkesteto	3.63 54	ePn	07 53 28.1	-2.1
PSZ	Piszkesteto	3.63 54	ePn	07 53 28.2	-2.1
BEO	Beograd	3.64 105	ePn	07 53 41.7	-1.5
RETA	Reutte	3.66 298	ePn	07 53 31.4	+0.6
RETA	comp=Z,4.9nm,0.3s,SNR=17	Pg	Pg	07 53 44.5	+0.9
RETA	comp=Z,95nm,0.4s	Sg	Sg	07 54 32.9	+1.9
RETA	Reutte	3.66 298	ePn	07 53 31.4	+0.6
RETA	comp=Z,712nm,0.7s	Sg	Sg	07 54 32.9	+1.9
BRY	Bratogost	3.67 143	ePn	07 53 31.4	+0.6
BRY	Bratogost	3.67 143	ePn	07 53 34.5	+0.9
BRY	BRY		ePn	07 54 33.0	+1.9
BRY	Bratogost	3.67 143	ePn	07 53 30.8	-0.1
BRY	BRY		eSg	07 54 14.3	-0.2
BRY	BRY		eSg	07 54 17.2	+1.3
FUR	Furstenfeldbru	3.71 310	ePn	07 53 31.7	+0.4
FUR	FUR		ePn	07 53 42.8	-1.8
FUR	FUR		eSg	07 54 31.3	-1.2
FUR	Furstenfeldbru	3.71 310	ePn	07 53 31.7	+0.4
FUR	FUR		ePn	07 53 42.8	-1.8
FUR	FUR		eSg	07 54 31.3	-1.2
WET	Wetzell	3.74 332	ePn	07 53 31.5	-0.2
WET	Wetzell	3.74 332	ePn	07 53 44.8	-0.3
WET	Wetzell	3.74 332	ePn	07 53 31.5	-0.2
TREB	Trebinje	3.74 146	ePn	07 53 33.4	+1.6
TREB	TREB		eSg	07 53 30.1	+1.0
TREB	Trebinje	3.74 146	ePn	07 53 32.7	+0.9
TREB	TREB		eSg	07 53 32.7	+0.9
PLE	Piljevlja	3.75 131	ePn	07 54 16.3	+0.1
TRUS	Trudelj	3.83 114	ePn	07 53 31.6	-0.3
AQU	L'Aquila	3.83 204	ePn	07 53 32.7	+0.2
AQU	L'Aquila	3.83 204	ePn	07 53 33.1	0.0
AQU	L'Aquila	3.83 204	ePn	07 53 32.4	-0.7
AQU	L'Aquila	3.83 204	ePn	07 53 34.6	+1.5
AQU	L'Aquila	3.83 204	ePn	07 53 33.1	0.0
MGAB	Montegabbione	3.84 221	ePn	07 53 33.8	+0.7
PRMA	PARMA	3.84 255	ePn	07 53 34.2	+1.0
OSSC	Osservatorio P	3.85 234	ePn	07 53 33.5	+0.2
NKY	Niksic	3.94 140	ePn	07 53 34.9	+0.4
NKME	NKME	3.96 140	ePn	07 53 44.6	+0.1
NKME	NKME		eSg	07 54 21.3	-0.1
BANR	Banloc	3.96 95	ePn	07 53 33.2	-1.5
BANR	BANR		ePn	07 53 45.3	+1.6
TIM	Timisoara	3.98 90	ePn	07 53 34.1	-1.0
DAVX	Davos/Dischmat	4.02 285	ePn	07 54 21.7	-0.2
DAVX	comp=Z,17nm,0.3s,baz=53,slow=14,SNR=127	Sn	Sn	07 53 37.3	+1.5
DAVX	comp=Z,50nm,0.3s,baz=147,slow=21,SNR=7.6	Pg	Pg	07 54 24.9	+1.7
DAVX	comp=Z,47nm,0.3s,baz=112,slow=23,SNR=3.5	Lr	Lr	07 54 41.0	
DAVX	comp=Z,320nm,19.2s,baz=114,slow=45	Sn	Sn	07 53 36.3	+0.6
HCY	Herczeg Novi	4.03 147	ePn	07 53 36.6	+0.7
HCY	Herczeg Novi	4.03 147	ePn	07 54 23.2	0.0
VLC	Villacollemand	4.03 247	ePn	07 53 35.9	+0.2
VLC	Villacollemand	4.03 247	ePn	07 53 35.9	+0.2
SJES	Sjenica	4.11 128	ePn	07 53 37.2	+0.3
SGRT	San Giovanni R	4.12 148	ePn	07 53 36.3	+0.7
CEME	Cervo	4.12 143	ePn	07 53 36.6	+0.1
CEME	CEME		eSg	07 54 25.3	-0.2
MORC	Moravsky Berou	4.14 18	ePn	07 53 37.1	-0.2
MORC	MORC		ePn	07 53 36.9	-0.4
MORC	MORC		ePn	07 53 36.9	-0.4
MORC	MORC		ePn	07 53 36.9	-0.4
MORC	MORC		eSg	07 54 22.6	-3.3
MORC	MORC		ePn	07 53 36.8	-0.5
UBR	Ueberuh	4.14 298	ePn	07 53 37.7	+0.3
UBR	Ueberuh	4.14 298	ePn	07 53 37.7	+0.3
DAVA	Damuels	4.15 292	ePn	07 53 38.3	+0.8
DAVA	comp=Z,14nm,0.2s,SNR=30	Pg	Pg	07 53 38.3	+0.8
DAVA	Damuels	4.15 292	ePn	07 53 38.4	+0.9
DAVA	Damuels	4.15 292	ePn	07 53 38.4	+0.9
KOME	Kolasin	4.16 135	ePn	07 53 37.3	-0.2
KOME	KOME		eSg	07 54 26.1	-0.3
PRU	Pruhonic	4.18 351	ePn	07 53 37.2	-0.5
PRU	PRU		smax	07 54 23.2	
PRU	PRU		smax	07 54 23.2	
PRU	PRU		ePn	07 53 37.2	-0.5
PRU	PRU		ePn	07 53 49.8	+2.5
PRU	PRU		eSg	07 54 23.2	-3.6
PRU	PRU		eSg	07 54 46.1	-1.4
GRUS	Gruza	4.18 116	ePn	07 53 37.5	-0.3
LANS	Liptovska Anna	4.23 38	ePn	07 53 38.2	-0.3
LANS	LANS		ePn	07 54 26.5	
LANS	Liptovska Anna	4.23 38	ePn	07 53 38.2	-0.3
LANS	LANS		eSg	07 54 26.5	-1.7
BZS	Buzias	4.27 91	ePn	07 53 37.5	-1.5
BZS	BZS		eSg	07 54 27.1	-1.5
BZS	Buzias	4.27 91	ePn	07 53 37.4	-1.5
PRA	Prague	4.27 350	ePn	07 53 38.9	-0.1
PRA	Prague	4.27 350	ePn	07 53 38.9	-0.1
PRA	PRA		eSg	07 54 24.5	-2.6
PRA	PRA		eSg	07 54 49.0	-1.5
KECS	Kecevo	4.27 50	ePn	07 53 39.6	+0.6
KECS	Kecevo	4.27 50	ePn	07 53 39.6	+0.6
SIRR	Siria	4.28 82	ePn	07 53 37.1	-1.6
SIRR	Siria	4.28 82	ePn	07 53 37.2	-2.0
KRLC	Kraljiky	4.29 11	ePn	07 53 39.0	-0.4
KRLC	Kraljiky	4.29 11	ePn	07 53 39.0	-0.4
KRLC	KRLC		eSg	07 54 51.4	+0.1
BUM	Brajici-Budva	4.31 145	ePn	07 53 39.5	-0.1
BUM	BUM		eSg	07 54 30.0	-0.3
IVA	Berane	4.33 132	ePn	07 53 40.3	+0.4
IVA	IVA		eSg	07 54 04.4	-0.4
TUE	Tuetta	4.34 280	ePn	07 53 40.4	+0.2
TUE	Tuetta	4.34 280	ePn	07 53 42.2	+2.2
OKC	Ostrava-Krasne	4.34 23	ePn	07 53 39.8	-0.2
OKC	OKC		ePn	07 54 27.9	
OKC	Ostrava-Krasne	4.34 23	ePn	07 53 39.8	-0.2
OKC	OKC		eSg	07 54 27.9	
OKC	OKC		eSg	07 54 49.0	-1.5
KECS	Kecevo	4.27 50	ePn	07 53 39.6	+0.6
KECS	Kecevo	4.27 50	ePn	07 53 39.6	+0.6
SIRR	Siria	4.28 82	ePn	07 53 37.1	-1.6
SIRR	Siria	4.28 82	ePn	07 53 37.2	-2.0
KRLC	Kraljiky	4.29 11	ePn	07 53 39.0	-0.4
KRLC	Kraljiky	4.29 11	ePn	07 53 39.0	-0.4
KRLC	KRLC		eSg	07 54 51.4	+0.1
BUM	Brajici-Budva	4.31 145	ePn	07 53 39.5	-0.1
BUM	BUM		eSg	07 54 30.0	-0.3
IVA	Berane	4.33 132	ePn	07 53 40.3	+0.4
IVA	IVA		eSg	07 54 04.4	-0.4
TUE	Tuetta	4.34 280	ePn	07 53 40.4	+0.2
TUE	Tuetta	4.34 280	ePn	07 53 42.2	+2.2
OKC	Ostrava-Krasne	4.34 23	ePn	07 53 39.8	-0.2
OKC	OKC		ePn	07 54 27.9	
OKC	Ostrava-Krasne	4.34 23	ePn	07 53 39.8	-0.2
OKC	OKC		eSg	07 54 27.9	
OKC	OKC		eSg	07 54 49.0	-1.5
PDG	Podgorica	4.36 141	ePn	07 53 42.2	+2.0
PDG	Podgorica	4.36 141	ePn	07 53 41.7	+1.5

PDG	Podgorica	4.36 141	ePn	07 53 41.9	+1.7
PDG	Podgorica	4.36 141	ePn	07 53 41.0	+0.8
PDG	Podgorica	4.36 141	ePn	07 54 30.7	-0.6
PDG	Podgorica	4.36 141	ePn	07 53 42.1	+1.9
PDG	Podgorica	4.36 141	ePn	07 53 40.4	+0.2
TTG	TTG	4.36 141	ePn	07 53 41.9	+0.7
PLONS	Plons/SG	4.41 288	ePn	07 53 42.3	+1.3
PLONS	Plons/SG	4.41 288	ePn	07 53 42.3	+1.3
BOB	Bobbio (Coli)	4.43 258	ePn	07 53 42.5	+1.2
MDVR	Moldovia	4.49 102	ePn	07 53 41.5	-0.6
ROTZ	Rotzenmuhle	4.50 331	ePn	07 53 41.4	-0.7
ROTZ	Rotzenmuhle	4.50 331	ePn	07 53 41.4	-0.7
ROTZ	Rotzenmuhle	4.50 331	ePn	07 53 41.9	-0.5
DPC	Dobruska-Polom	4.52 6	ePn	07 53 41.9	-0.5
DPC	Dobruska-Polom	4.52 6	ePn	07 54 58.6	+0.2
DRME	Dracevica, Mon	4.53 143	ePn	07 53 42.6	+0.1
DRME	Dracevica, Mon	4.53 143	ePn	07 54 34.0	-1.4
DRME	Dracevica, Mon	4.53 143	ePn	07 53 42.6	+0.1
DRME	Dracevica, Mon	4.53 143	ePn	07 54 35.2	-0.2
PVY	Plav	4.56 134	ePn	07 53 43.1	-1.1
PVY	PVY		eSg	07 54 36.1	-0.5
KUBS	Kucevo	4.58 106	ePn	07 53 41.9	-1.4
UPC	Upice	4.65 4	ePn	07 53 44.1	-0.2
UPC	Upice	4.65 4	ePn	07 53 44.1	-0.2
UPC	UPC		ePn	07 53 59.8	-2.8
UPC	UPC		eSg	07 55 02.0	-0.8
PVCC	Panska Ves	4.71 352	ePn	07 53 44.8	-0.2
PVCC	Panska Ves	4.71 352	ePn	07 53 44.8	-0.2
PVCC	Panska Ves	4.71 352	ePn	07 55 02.4	-2.2
OSTC	Ostas	4.71 5	ePn	07 53 44.6	-0.5
OSTC	Ostas	4.71 5	ePn	07 55 00.6	-3.1
OSTC	Ostas	4.71 5	ePn	07 55 04.0	-0.8
MANZ	Manzenberg	4.72 332	ePn	07 53 44.5	-0.7
MANZ	Manzenberg	4.72 332	ePn	07 53 43.7	-0.7
CHVC	Chvalec	4.74 4	ePn	07 53 45.3	-0.1
CHVC	CHVC		eSg	07 55 04.2	-1.3
ULC	Ulcinj	4.74 144	ePn	07 53 45.5	+0.1
ULC	ULC		eSg	07 54 40.1	-0.4
SELS	Selova	4.79 122	ePn	07 53 45.6	-0.6
SELS	SELS		eSg	07 54 39.3	-2.7
NIE	Niedzica	4.79 40	ePn	07 53 47.1	+0.8
NIE	NIE		eSg	07 54 41.2	-0.9
NIE	NIE		eSg	07 53 47.1	+0.8
GRA1	Grafenberg Arr	4.80 324	ePn	07 53 45.3	-1.1
GRA1	Grafenberg Arr	4.80 324	ePn	07 53 45.3	-1.1
GRF	Grafenberg Arr	4.80 324	ePn	07 53 45.7	-0.6
GRF	Grafenberg Arr	4.80 324	ePn	07 53 45.7	-0.6
GRFO	Grafenberg	4.80 324	ePn		

LOR	comp=Z,142nm,0.9s baz=105	8.17 284	eP	Pn	07 54 31.8	-0.7
LOR			eSn	Sn	07 55 55.5	-1.0
BEBN	comp=Z,42nm,0.5s	8.21 310	dP	Pn	07 54 24.1	-8.9
BEBN			dS	Pb	07 56 00.2	-5.8
BCLA	Clavier	8.21 307	dP	Pb	07 54 54.1	-2.0
BCLA			dx	x	07 55 05.8	
BCLA			dx	x	07 55 18.0	
IBAN			dS	Pn	07 56 00.1	-6.1
IBAN	ibbenburen	8.22 324	iP	Pn	07 54 34.6	+1.5
BGES	Gesves	8.32 307	dP	Pn	07 54 35.9	+1.3
BGES			dS	Pn	07 56 03.6	-5.2
GIVF	Givet	8.34 304	eP	Pn	07 54 35.9	+1.1
GIVF			eSn	Sn	07 55 59.5	-1.0
SSF	comp=Z,58nm,0.5s	8.39 282	eP	Pn	07 54 35.5	-0.1
SSF	Saint Saulege		eSn	Sn	07 56 00.5	-1.0
VAE	comp=Z,48nm,0.7s	8.43 186	LR	LR	07 58 18.6	
VAE	Valguarnera					
DMLN	Damouliana-K	8.43 153	P	Pn	07 54 34.7	-1.5
DMLN	Maredsous	8.46 305	dP	Pn	07 54 37.9	+1.4
BWARD			dS	Pn	07 56 06.0	-6.2
DOU	Dourbes	8.47 304	dP	Pn	07 54 36.7	+0.1
DOU			dx	Pn	07 55 42.8	
DOU			dx	Pn	07 55 42.9	
LASF	Ste Croix	8.47 262	eP	Pn	07 56 07.1	-5.3
LASF			eSn	Sn	07 54 35.0	-1.7
AVF	comp=Z,39nm,0.6s	8.48 281	eP	Pn	07 54 36.7	-0.1
AVF	Avril sur Loir		eSn	Sn	07 56 03.1	-1.8
BAIF	comp=Z,17nm,0.7s	8.68 303	eP	Pn	07 54 41.3	+1.0
BAIF	Baives		eSn	Sn	07 56 07.8	-1.0
BGF	comp=Z,36nm,0.7s	8.83 279	eP	Pn	07 54 42.6	+1.0
BGF	Bois d'Adland		eSn	Sn	07 56 10.8	-1.0
PRG	comp=Z,70nm,0.5s	8.83 286	dP	Pn	07 54 42.8	+1.3
SNF	Senefle	8.89 304	eP	Pn	07 54 44.8	+0.9
HYF	Humbigny	9.24 79	eP	Pn	07 56 14.9	-1.1
HYF			eSn	Sn	07 54 44.0	-3.2
MILM	Milestii Mici			MLR		
MILM				MLR		
MILM	comp=Z,600nm,11.0s			MLR		
MILM	comp=N,500nm,9.0s			MLR		
MILM	comp=E,400nm,9.0s			MLR		
TCF	Touix Ste Croi	9.27 277	eP	Pn	07 54 47.4	-0.3
TCF			eSn	Sn	07 56 22.2	-1.0
CLW	comp=E,45nm,0.7s	9.33 288	P	Pn	07 54 48.1	-0.4
CLW	Chambon-Foret					
SUF	Suwali	9.52 28	P	Pn	07 54 49.7	-1.3
SUF						
CAF	Suwali	9.52 28	Pn	Pn	07 54 49.7	-1.3
CAF	Calviac	9.53 269	eP	Pn	07 54 51.4	+0.2
CAF			eSn	Sn	07 56 28.5	-1.0
MTLF	comp=E,23nm,0.6s	9.83 260	eP	Pn	07 54 54.9	-0.4
MTLF	Montleou		eSn	Sn	07 56 34.9	-1.1
RJF	comp=E,13nm,0.6s	9.85 272	eP	Pn	07 54 56.9	+1.4
RJF	Les Rejaudoux		eSn	Sn	07 56 37.0	-9.3
AKASG	Malin Array Be	10.32 57	Pn	Pn	07 55 02.8	+0.8
AKASG	comp=E,0.8nm,0.3s,baz=243,slow=13,SNR=4.3					
AKASG			Sn	Sn	07 55 50.5	-7.4
AKASG	comp=E,0.7nm,0.3s,baz=244,slow=23,SNR=2.1					
AKASG	Malin Array Be	10.32 57	P	Pn	07 55 01.4	-0.6
AKASG						
AKASG	Malin Array Be	10.32 57	Pn	Pn	07 55 01.4	-0.6
AKASG						
AKKB	Malin Array Si	10.32 57	iP	Pn	07 55 03.7	+1.7
LF	La Frestelle	10.45 270	eP	Pn	07 55 05.6	+1.9
LF			eSn	Sn	07 56 50.1	-1.1
MFF	comp=E,21nm,0.7s	10.89 279	eP	Pn	07 55 10.3	+0.5
MFF	Saint Martin d		eSn	Sn	07 57 00.3	-1.2
LDF	comp=E,12nm,0.6s	10.99 290	eP	Pn	07 55 10.3	+1.8
LDF	La Druiterie		eSn	Sn	07 57 02.7	-1.2
KEST	comp=E,26nm,0.8s	11.15 207	LR	LR	08 00 12.3	
KEST	Kesra					
EPF	comp=E,497nm,19.3s,baz=346,slow=41	11.23 261	eP	Pn	07 55 15.8	+1.3
EPF	Esparras		eSn	Sn	07 57 08.9	-1.1
FLN	comp=E,4.8nm,0.6s	11.25 291	eP	Pn	07 55 16.4	+1.7
FLN	La Foliniere		eSn	Sn	07 57 09.9	-1.1
GRR	comp=E,32nm,0.9s	11.45 289	eP	Pn	07 55 17.6	+0.2
GRR	Gorron		eSn	Sn	07 57 14.0	-1.2
NACGM	comp=E,12nm,0.5s	11.53 34	iP	Pn	07 55 17.6	+0.2
NACGM	Naroch					
MNK	comp=N,1.0nm,0.8s	11.70 38	iP	Pn	07 55 20.2	-0.7
MNK	Minsk		iS	Pn	07 57 32.3	+0.6
MNK						
MNK	comp=N,14nm,0.8s					
MNK						
MNK	comp=N,14nm,16.0s					
MNK	comp=Z,202nm,15.0s					
MNK	comp=E,17nm,15.0s					
MNK	Minsk	11.70 38	iP	Pn	07 55 20.3	-0.6
MNK	comp=E,1.0nm,0.8s					
MNK	comp=N,14nm,0.8s					
MNK	comp=Z,12nm,0.8s,baz=227					
MNK			iP	Pn	07 55 31.2	+2.7
MNK			iS	Pn	07 57 32.4	+0.2
MNK			iS	Pn	07 57 45.4	+2.0
MNK			iLR	Pn	07 59 07.7	
MNK			iLRM	Pn	07 59 48.9	
MNK	comp=N,144nm,15.6s					
MNK			iLRM	MLR	08 00 17.2	
MNK	comp=Z,202nm,15.3s					
MNK			iLRM	MLR	08 00 20.4	
ETSF	comp=E,17nm,15.3s	11.89 261	eP	Pn	07 55 25.4	+1.8
ETSF	Etsaut		eP	Pn	07 57 29.1	+0.2
SJPF	Site Jean	12.28 263	eP	Pn	07 55 29.1	+0.2
SGMF	Saint Gilles	12.56 287	eP	Pn	07 55 33.5	+0.8
SGMF			eSn	Sn	07 57 40.0	-1.3
IDI	comp=E,5.6nm,0.5s	12.73 143	Pn	Pn	07 55 33.2	-1.8
IDI	Anoyia					
QUIF	comp=E,1.0nm,0.3s,baz=179,slow=11,SNR=1.4	12.95 286	eP	Pn	07 55 39.1	+1.1
QUIF	Quistinic		eSn	Sn	07 57 49.8	-1.3
ROSF	comp=E,7.8nm,0.6s	13.05 288	eP	Pn	07 55 40.3	+1.0
ROSF	Rostrenen		eSn	Sn	07 57 51.9	-1.3
KONO	comp=E,8.0nm,0.5s	14.25 348	iP	Pn	07 55 59.0	+3.3
HFS	Kongsberg	14.33 356	Pn	Pn	07 55 56.2	-0.6
HFS	Hagfors					
HFS	comp=E,0.1nm,0.3s,baz=179,slow=31,SNR=2.1					
EKA	comp=E,513nm,19.3s,baz=179,slow=41	15.14 315	Pn	Pn	08 06 07.7	0.0
EKA	Eskdalemuir Ar					
EKA	baz=130,slow=14,SNR=9.8					
EKA	baz=122,slow=25,SNR=5.4					
NB2	comp=Z,8.3nm,0.7s,baz=168,slow=11	15.41 352	P	P	07 56 15.5	-0.5
NB2	NORSAR Subarra					
NOA	comp=Z,0.0nm,0.3s,baz=168,slow=12,SNR=6.4	15.41 352	Pn	Pn	07 56 09.3	-2.0
NOA	NORSAR Array B					
NOA						
ESDC	comp=Z,426nm,18.8s,baz=170,slow=40	15.58 254	Pn	Pn	07 56 15.7	+2.0
ESDC	Sonsec Array					
ESDC	comp=Z,0.2nm,0.3s,baz=61,slow=11,SNR=24					
ESDC	comp=Z,99nm,18.1s,baz=200,slow=42					
ESDC	Sonsec Array	15.58 254	P	I	07 56 17.7	-0.4
ESDC			I	I	07 56 19.4	
OBN	comp=Z,23nm,1.8s	16.21 48	LR	LR	08 02 29.4	
OBN	Obninsk					
OBN	comp=Z,65nm,19.0s,baz=192,slow=37	16.21 48	iP	Pn	07 56 19.9	-1.8
OBN	Obninsk					
OBN	comp=Z,18nm,1.2s					

OBN	comp=Z,260nm,14.0s	16.49 27	iP	P	07 56 27.9	0.0
PUL	Pulkovo			P		
PUL	comp=Z,124nm,0.4s			P		
FINES	FINES Array B	16.77 18	Pn	Pn	07 56 27.4	-1.3
FINES	comp=Z,0.5nm,0.3s,baz=197,slow=6.0,SNR=19					
FINES	comp=Z,0.1nm,0.3s,baz=193,slow=18,SNR=1.3					
FINES	FINES Array B	16.77 18	P	P	07 56 30.6	-1.0
FIA1	FINES Array S	16.77 18	I	I	07 56 30.6	-1.0
FIA1	comp=Z,80nm,1.1s		I	I	07 56 33.7	
MOS	comp=Z,2.8nm,1.1s	17.03 47	eP	Pn	07 56 31.7	-0.3
KIV	Moscow	19.30 86	eP	Pn	07 55 58.7	-0.4
KIV	Kislovodsk					
KIV	comp=Z,5.0nm,1.0s					
KIV						
SHA1	comp=Z,56nm,14.0s	19.33 87	iP	Pn	07 57 00.9	+0.2
KBZ	Shidzhatmaz	19.50 86	LR	LR	08 05 37.6	
KBZ	Khabaz	19.50 86	eP	Pn	07 57 03.4	+1.0
KBZ	comp=Z,59nm,19.9s,baz=246,slow=40					
MMAI	comp=Z,8.0nm,1.4s	19.94 123	P	P	07 57 06.6	+0.5
MMAI	Mount Meron Ar					
NCK	comp=Z,0.9nm,0.3s,baz=331,slow=9.6,SNR=12	20.05 87	P	P	07 57 10.8	+1.8
NCK	Nalchik					
NCK	comp=Z,16nm,1.0s	20.24 87	P	P	07 57 10.0	+0.6
MDT	Midelt	20.24 87	P	P	07 57 10.0	+0.6
MDT	comp=Z,4.2nm,0.7s,baz=42,slow=8.1,SNR=5.7					
ASF	comp=Z,153nm,18.8s,baz=83,slow=39	21.42 122	P	P	07 57 23.6	+1.4
ASF	Jabal al Asfar					
GNI	comp=Z,12nm,0.9s,baz=310,slow=4.8,SNR=8.9	22.04 95	LR	LR	08 07 42.3	
GNI	Garni					
GNI	comp=Z,27nm,18.3s,baz=260,slow=11	22.04 95	iP	P	07 57 30.0	+1.1
GNI	Garni					
EIL	comp=Z,25nm,1.6s	22.20 130	P	P	07 57 30.9	+0.4
EIL	Eilat					
PRGR	comp=Z,6.3nm,0.9s,baz=23,slow=15,SNR=3.1	23.47 37	eP	P	07 57 42.1	-1.4
PRGR	Pergemore					
AKT	comp=Z,237nm,1.5s	23.60 89	iP	P	07 57 46.5	+1.4
KIRV	Akhty	24.04 46	eP	P	07 57 49.0	0.0
KIRV	Kirov					
KIRV	comp=Z,13nm,0.7s,baz=23,slow=1.5,SNR=7.8					
KIRV						
KIRV	comp=Z,229nm,18.5s,baz=249,slow=37	24.04 46	eP	P	07 57 48.7	-0.3
KIRV	Kirov					
LVZ	comp=Z,4.9nm,1.0s,baz=186,slow=9.6,SNR=6.7	24.21 18	P	P	07 57 51.9	+1.3
LVZ	Lovozero					
ARCES	comp=Z,2.1nm,18.7s,baz=125,slow=38	24.25 9	P	P	07 57 51.2	+0.3
ARCES	ARCES Array B					
BORG	comp=Z,4.9nm,1.0s,baz=186,slow=9.6,SNR=6.7	27.62 326	LR	LR	08 07 07.7	
BORG	Borgarnes					
JMJC	comp=Z,117nm,18.7s,baz=125,slow=38	27.74 343	LR	LR	08 07 37.1	
JMJC	Jan Mayen					
AKTO	comp=Z,68nm,21.6s,baz=262,slow=33	28.42 55	P	P	07 58 29.4	+0.7
AKTO	Aktyubinsk					
AKTO	comp=Z,0.6nm,0.5s,baz=236,slow=3.2,SNR=4.0					
ARU	comp=Z,40nm,18.8s,baz=293,slow=42	28.53 53	P	P	07 58 28.5	-1.0
ARU	Arti					
ARU	comp=Z,2.5nm,0.6s,baz=254,slow=5.0,SNR=10					
ARU	Arti	28.53 53	iP	P	07 58 29.1	-0.4
ARU						
ARU	comp=Z,2.1nm,1.2s	28.53 53	P	P	08 03 17.8	+0.3
ARU						
ARU	comp=Z,2.1nm,1.2s	28.53 53	P	P	08 04 35.4	-0.5
ARU						
SVE	comp=Z,2.0nm,1.2s	28.53 53	P	P	07 58 30.2	+0.7
SVE	Sverdlovsk					
SVE						
ABKAR	comp=Z,210nm,19.1s,baz=235,slow=36	29.83 67	P	P	07 58 41.2	0.0
ABKAR	Akbulak array					

Error ellipse: s-maj=1.6km s-min=1.5km az=122.0 ANF 01 10:28:04.3,0.2,36:89N-97:69W,h5km,ML2.9/9,Error ellipse: s-maj=2.4km s-min=1.9km az=1.0 TUL 01 10:28:04.0,4.0,36:90N-01:97:69W,0.01,1,h5km,6km, ML2.6,mb_Lg2.4/12(NEIC),Error ellipse: s-maj=1.6km s-min=1.4km az=130.0 ISC 01 10:28:04.5,1.3,36:88N-01:04:97.68W,0.03,h2km,13km,n37,053/45,Oklahoma

Table with columns: Code, Station Name, Δ° AZ', Phase ID, ISC, Time, Res, h m s ISC. Rows include T35A Sooner Cattle, U32A Winter Ranch, OKCFA Oklahoma City, etc.

IDC 01 11:03:49.5,12.0,36:08N,70:55E,h169km,117km,mb3.2/5,mb1.3,3.6,mb1mx3.0/36,mbtmp3.7/6,Error ellipse: s-maj=63.3km s-min=29.6km az=22.0 NNC 01 11:04:01.1,9.8,37:23N,70:66E,h0km,mb3.9,mpv3.5,Error ellipse: s-maj=72.3km s-min=67.1km az=4.0 ISC 01 11:03:53.6,1.2,36:5N,01:10:70E,0.1,h20km,n9,az262/12,mb3.0/4,3C-4D,Hindu Kush region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, ISC, Time, Res, h m s ISC. Rows include KK31 Karatay Array, KK31 Tabor, AAK Ala-Archa, etc.

IDC 01 11:16:56.9,1.5,21:22S,68:48W,h112km,17km,mb3.3/2,mb1.3,3.4,mb1mx3.1/26,mbtmp3.7/4,Error ellipse: s-maj=44.8km s-min=18.8km az=112.0 GUC 01 11:16:56.4,0.6,21:15S,68:93W,h110km,4km,ML2.3,6km ISC 01 11:16:54.6,0.9,21:13S,01:04:68.96W,0.08,h121km,gkm,n20,0598/35,2C-1D,Chile-Bolivia border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, ISC, Time, Res, h m s ISC. Rows include PB01 IPOC Station P, PB02 IPOC Station P, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, ISC, Time, Res, h m s ISC. Rows include PB11 IPOC Station P, PB04 IPOC Station P, PB06 IPOC Station P, etc.

IDC 01 11:53:29.7,1.8,34:00N,25:79E,h0km,mb3.5/2,mb1.3,3/5,mb1mx3.2/33,mbtmp3.2/5,ML3.8/2,Error ellipse: s-maj=51.1km s-min=26.3km az=135.0,Crete

Table with columns: Code, Station Name, Δ° AZ', Phase ID, ISC, Time, Res, h m s ISC. Rows include BRTR Keskin Array B, AKASG Malin Array Be, GERES GERES Array B, etc.

MOS 01 12:12:05.2,1.0,39:09N,142:47E,h26km,mb4.6/19,Error ellipse: s-maj=9.0km s-min=5.0km az=90.8 JMA 01 12:12:06.9,0.1,39:11N,142:42E,h33km,1km,M4.4 JMA Fell II J1.

NIED 01 12:12:07.0,39:11N,142:42E,h33km,MW4.2,Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn=2.16; Mw=1.37; Mxx=0.79; Mxy=0.09; Myx=1.14; Myz=1.02; Fault plane solution: M2:43000x1015 NPI; q=25.00000; s=56.00000; λ=110.00000; NP2: q=68.00000; s=39.00000; λ=63.00000.

NEIC 01 12:12:09.0,1.4,39:09N,01:06:14Z,4E,0.1,h36km,4km,mb4.7/39,Error ellipse: s-maj=13.0km s-min=7.7km az=112.0

IDC 01 12:12:09.6,1.9,39:06N,142:33E,h47km,18km,mb4.0/25,mb1.4,1/30,mb1mx4.0/64,mbtmp4.2/30,ML3.9/4,MS3.3/14,Ms1.3/4/14,ms1mx3.2/51,Error ellipse: s-maj=15.0km s-min=12.0km az=113.0

ISC 01 12:12:07.6,1.1,39:07N,01:04:142.50E,0.05,h30km,7km,mb2.1,4167/228,mb4.5/53,MS3.4/7,13C-4D,Near east of eastern Honshu

Table with columns: Code, Station Name, Δ° AZ', Phase ID, ISC, Time, Res, h m s ISC. Rows include OFUJ Ofunato, MINV Miyakonagasawa, JKMT Kesennumototy, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, ISC, Time, Res, h m s ISC. Rows include ERM Erino, JYT Yasato, JSD Sado, etc.

ASAJ comp=Z,5.2nm,0.3s,baz=346,slow=27,SNR=1.8 ASAJ comp=Z,373nm,21.3s,baz=174,slow=43

Table with columns: Code, Station Name, Δ° AZ', Phase ID, ISC, Time, Res, h m s ISC. Rows include ASAJ Asahikawa, GLVR Golovino, GLVR comp=N,36nm,0.1s, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, ISC, Time, Res, h m s ISC. Rows include YUK comp=N,252nm,0.5s, INU Inuyama, JHJ Hachijo jima 2, etc.

PAB	11nm,0.4s,SNR=7.9	3.69 187	Pn	Pn	12 43 11.6 +1.2
PAB	1.1nm,0.1s,SNR=7.9		Pg	Pb	12 43 22.9 +4.1
PAB	5.4nm,0.2s,SNR=7.9		Sn	Pb	12 43 53.2 -0.6
PAB	1.7nm,0.3s,SNR=7.9		Lg	Lg	12 44 08.8
LF	34nm,0.3s,SNR=7.9	3.70 61	ePn	Pn	12 43 12.5 +2.0
LF	78nm,0.4s		eSg	Sb	12 43 49.5 -4.5
CSOR	0.9nm,0.1s,SNR=10	3.73 101	Pn	Pn	12 43 14.0 +2.9
CSOR	11nm,0.4s,SNR=7.9		Pg	Pb	12 43 23.1 +3.6
CSOR	6.2nm,0.2s,SNR=7.9		Lg	Lg	12 44 04.2
CSOR	3.1nm,0.3s,SNR=7.9	3.76 255	Pn	Pn	12 43 13.5 +2.2
CSOR	3.1nm,0.2s,SNR=7.9		Sn	Sn	12 43 55.8 +0.4
CSOR	3.5nm,0.2s,SNR=7.9		Lg	Lg	12 44 12.2
EMOS	44nm,0.3s,SNR=7.9	3.79 138	Pn	Pn	12 43 14.2 +2.3
EMOS	0.4nm,0.2s,SNR=16		Pg	Pb	12 43 24.8 +4.3
EMOS	0.9nm,0.1s,SNR=7.9		Sn	Sn	12 43 57.1 +0.7
EMOS	3.1nm,0.3s,SNR=7.9		Lg	Lg	12 44 14.8
EMAZ	38nm,0.4s,SNR=7.9	3.80 268	Pn	Pn	12 43 14.1 +2.3
EMAZ	5.2nm,0.2s,SNR=7.9		Sn	Sn	12 43 56.9 +0.5
EMAZ	8.3nm,0.1s,SNR=7.9		Lg	Lg	12 44 15.0
MONQ	34nm,0.2s,SNR=7.9	3.80 71	Pn	Pn	12 43 13.7 +1.7
MONQ	3.1nm,0.2s,SNR=17	3.82 125	Pn	Pn	12 43 13.5 +1.2
ERTA	1.0nm,0.1s,SNR=7.9		Pg	Pb	12 43 24.3 +4.4
ERTA	0.0nm,0.1s,SNR=7.9		Sn	Sn	12 43 56.3 -0.7
ERTA	20nm,0.2s,SNR=7.9		Lg	Lg	12 44 12.4
ERT	64nm,0.3s,SNR=7.9	3.94 232	ePn	Pn	12 43 15.8 +1.9
PVIS	72nm,0.5s		eSg	Sb	12 43 59.2 -0.8
MTE	120nm,0.4s	3.96 226	ePn	Pn	12 44 17.2 +6.6
MTE			eSg	Sb	12 44 26.1
MTE			eSg	Sb	12 43 28.5 +5.1
MTE			eSg	Sb	12 43 59.3 -1.3
MTE			eSg	Sb	12 44 17.4 +6.1
MTE			eSg	Sb	12 44 22.3
PAND	12nm,0.2s,SNR=26	4.00 98	Pn	Pn	12 43 18.9 +4.1
PAND	0.7nm,0.2s,SNR=26	4.08 116	Pn	Pn	12 44 04.6 +3.0
EPOB	0.6nm,0.1s,SNR=7.9		Pg	Pb	12 43 16.9 +1.1
EPOB	3.6nm,0.1s,SNR=7.9		Sn	Sn	12 43 28.8 +3.5
EPOB	0.6nm,0.1s,SNR=7.9		Lg	Lg	12 44 01.2 -2.2
EPOB	25nm,0.3s,SNR=7.9		Lg	Lg	12 44 24.3
EMIR	2.3nm,0.2s,SNR=7.9	4.15 106	Pn	Pn	12 43 20.6 +3.9
EMIR	11nm,0.2s,SNR=7.9		Lg	Lg	12 44 04.3 -0.9
EMIR	62nm,0.5s,SNR=7.9		Lg	Lg	12 44 27.7
MFF	0.5nm,0.1s,SNR=7.9	4.27 36	ePn	Pn	12 43 18.8 +0.5
MFF			eSg	Sb	12 44 04.2 -3.8
CLLI	26nm,0.3s	4.31 98	Pn	Pn	12 43 22.9 +3.8
CLLI	1.0nm,0.2s,SNR=14		Sn	Sn	12 44 11.7 +2.4
PCBR	1.1nm,0.2s,SNR=7.9	4.35 220	ePn	Pn	12 43 20.8 +1.3
PCBR	0.8nm,0.2s,SNR=7.9	4.35 220	ePn	Pg	12 43 36.1 -1.0
PCBR	0.8nm,0.2s,SNR=7.9		eSg	Sb	12 44 08.6 -1.7
PCBR	0.8nm,0.2s,SNR=7.9		eSg	Sb	12 44 29.2 +6.8
PCBR	0.8nm,0.2s,SNR=7.9		eSg	Sb	12 44 39.2
RJF	58nm,0.5s	4.36 60	ePn	Pn	12 43 20.4 +0.8
RJF	34nm,0.3s		eSg	Sb	12 44 05.8 -4.4
MTLF	17nm,0.4s	4.40 86	ePn	Pn	12 43 22.6 +2.5
MTLF	17nm,0.4s	4.40 86	ePn	Sn	12 43 36.1 -1.6
CAF	26nm,0.3s	4.56 66	ePn	Pn	12 43 23.7 +1.3
CAF	26nm,0.3s		eSg	Sb	12 44 11.7 -3.6
COI	26nm,0.3s	4.57 230	eSg	Sg	12 44 13.9 -1.6
COI			eSg	Sg	12 44 38.9 -1.5
COI			eSg	Sg	12 44 43.2
PMRV	117nm,0.6s	4.65 217	ePn	Pn	12 43 23.8 +0.2
PMRV	117nm,0.6s	4.65 217	ePn	Pg	12 43 41.3 -1.4
PMRV	117nm,0.6s		eSg	Sg	12 44 15.5 -1.9
PMRV	117nm,0.6s		eSg	Sg	12 44 42.3 -0.5
PMRV	117nm,0.6s		eSg	Sg	12 44 53.6
QUIF	49nm,1.0s	4.72 5	ePn	Pn	12 43 25.5 +0.9
QUIF	34nm,0.3s		eSg	Sb	12 44 16.0 -3.1
PCAS	34nm,0.3s	4.73 230	ePn	Pn	12 43 26.8 +2.2
PCAS	34nm,0.3s		eSg	Sg	12 44 18.0 -1.3
PCAS	34nm,0.3s		eSg	Sg	12 44 44.0 -1.4
PCAS	34nm,0.3s		eSg	Sg	12 44 46.2
CFON	54nm,0.6s	4.84 105	Pn	Pn	12 43 27.7 +1.5
CFON	13nm,0.2s,SNR=19		Sn	Sn	12 44 21.4 -0.8
ETOB	11nm,0.2s,SNR=7.9	4.88 159	Pn	Pn	12 43 28.3 +1.5
ETOB	6.7nm,0.3s,SNR=37		Sn	Sn	12 44 22.2 -0.9
ETOB	1.9nm,0.1s,SNR=7.9		Lg	Lg	12 44 47.6
ETOB	26nm,0.4s,SNR=7.9	4.97 96	ePn	Pn	12 43 30.3 +2.3
SJAF	0.0nm,0.2s,SNR=7.9	4.97 96	ePn	Pn	12 43 30.3 +2.3
SJAF	0.6nm,0.2s,SNR=7.9		Sn	Sn	12 44 22.4 -2.9
SJAF	1.1nm,0.4s,SNR=7.9		Lg	Lg	12 44 50.4
EJON	0.6nm,0.4s,SNR=12	4.98 97	Pn	Pn	12 43 30.5 +2.3
EJON	2.0nm,0.3s,SNR=7.9		Sn	Sn	12 44 23.1 -2.6
EJON	13nm,0.4s,SNR=7.9		Lg	Lg	12 44 53.0
EBAD	1.2nm,0.2s,SNR=10	5.07 210	Pn	Pn	12 43 29.6 +0.2
EBAD	4.8nm,0.1s,SNR=7.9		Sn	Sn	12 44 25.4 -2.4
EBAD	30nm,0.2s,SNR=7.9	5.08 187	Pn	Pn	12 43 30.6 +1.1
EADA	0.3nm,0.2s,SNR=7.9		Sn	Sn	12 44 23.6 -4.4
EADA	0.6nm,0.2s,SNR=7.9		Lg	Lg	12 44 53.8
SGMF	28nm,0.4s,SNR=7.9	5.12 9	ePn	Pn	12 43 30.2 +0.3
SGMF	11nm,0.3s		eSg	Sb	12 44 26.0 -2.8
ROSF	51nm,0.2s	5.13 4	ePn	Pn	12 43 31.4 +1.2
ROSF	29nm,0.4s,SNR=7.9	5.18 169	Lg	Lg	12 44 25.2 -4.1
SESP	51nm,0.2s		Lg	Lg	12 44 57.4
PESTR	32nm,0.5s	5.20 215	ePn	Pn	12 43 32.0 +0.8
PESTR	32nm,0.5s		eSg	Sg	12 44 28.2 -2.2
PESTR	32nm,0.5s		eSg	Sg	12 44 59.6 -1.0

PESTR	32nm,0.5s	5.20 215	P	Pn	12 45 12.2
PESTR	32nm,0.5s		S	Pn	12 43 31.7 +0.6
PESTR	32nm,0.5s		S	Pn	12 44 29.5 -1.5
PESTR	32nm,0.5s		S	Pn	12 43 34.3 +2.2
PSBE	58nm,0.6s	5.27 227	ePn	Pn	12 44 01.3 -1.4
PSBE	58nm,0.6s		eSg	Sg	12 45 00.6 -2.2
PSBE	58nm,0.6s		A	Pn	12 45 08.6
TCF	35nm,0.3s	5.27 52	ePn	Pn	12 43 32.1 -0.1
TCF	35nm,0.3s		eSg	Sg	12 44 28.8 -4.0
ECAB	1.2nm,0.2s,SNR=12	5.28 194	Pn	Pn	12 43 32.9 +0.6
ECAB	3.5nm,0.2s,SNR=7.9		Sn	Sn	12 44 28.2 -4.8
ECAB	25nm,0.4s,SNR=7.9	5.30 148	Pn	Pn	12 44 59.3
EBENZ	6.7nm,0.2s,SNR=7.9		Sn	Sn	12 43 33.6 +1.1
EBENZ	6.5nm,0.2s,SNR=7.9		Sn	Sn	12 44 30.6 -2.8
PMTG	16nm,0.5s	5.32 220	ePn	Pn	12 43 33.4 +0.6
PMTG	16nm,0.5s		eSg	Sg	12 44 30.8 -3.1
PMTG	16nm,0.5s		eSg	Sg	12 45 01.9
PMTG	16nm,0.5s		A	Pn	12 45 10.3
EQES	0.9nm,0.3s,SNR=7.9	5.44 174	Pn	Pn	12 43 35.8 +1.3
EQES	1.8nm,0.2s,SNR=7.9		Sn	Sn	12 44 35.0 -2.0
EQES	19nm,0.4s,SNR=7.9		Lg	Lg	12 45 05.6
GRR	18nm,0.3s	5.57 21	ePn	Pn	12 43 36.1 -0.1
GRR	18nm,0.3s		eSg	Sg	12 44 35.5 -4.5
PBAR	33nm,0.6s	5.60 207	ePn	Pn	12 43 37.0 +0.3
PBAR	33nm,0.6s		eSg	Sg	12 44 38.4 -2.5
PBAR	33nm,0.6s		A	Pn	12 45 30.7
LASF	63nm,0.5s	5.63 79	ePn	Pn	12 43 38.5 +1.5
LASF	63nm,0.5s		eSg	Sg	12 44 38.6 -2.9
TRBF	0.8nm,0.2s,SNR=7.9	5.70 78	Pn	Pn	12 43 39.1 +1.1
TRBF	0.8nm,0.2s,SNR=7.9		Sg	Pn	12 44 39.4 -4.0
AGO	0.9nm,0.3s,SNR=7.9	5.71 58	Pn	Pn	12 43 38.8 +0.7
AGO	0.9nm,0.3s,SNR=7.9	5.71 58	Sn	Pn	12 44 40.9 -2.5
EIBI	0.2nm,0.2s,SNR=7.9	5.71 135	Pn	Pn	12 43 39.1 +0.9
EIBI	0.2nm,0.2s,SNR=7.9		Sn	Sn	12 44 40.2 -3.4
EMUR	0.8nm,0.2s,SNR=7.9	5.71 159	Pn	Pn	12 43 39.6 +1.3
EMUR	29nm,0.7s,SNR=7.9		Lg	Lg	12 45 11.0
BGF	39nm,0.3s	5.79 52	ePn	Pn	12 44 41.1 +0.9
BGF	39nm,0.3s		eSg	Sg	12 44 41.1 -4.3
EMIN	0.0nm,0.2s,SNR=6.7	5.86 203	Pn	Pn	12 43 40.5 +0.3
EMIN	2.1nm,0.2s,SNR=7.9		Sn	Sn	12 44 42.5 -4.8
EMIN	13nm,0.4s,SNR=7.9		Lg	Lg	12 45 19.4
PMAFR	33nm,0.5s	5.93 226	ePn	Pn	12 43 42.3 +1.1
PMAFR	33nm,0.5s		eSg	Sg	12 44 47.0 -2.1
PMAFR	33nm,0.5s		eSg	Sg	12 45 23.6 -0.5
PMAFR	33nm,0.5s		A	Pn	12 45 43.3
PMAFR	2.3nm,0.2s,SNR=7.9	5.93 226	Pn	Pn	12 43 42.1 +0.9
PMAFR	2.4nm,0.1s,SNR=7.9		Sn	Sn	12 44 46.8 -2.3
PMAFR	85nm,0.5s,SNR=7.9		Lg	Lg	12 45 22.8
LDF	11nm,0.3s	5.96 24	ePn	Pn	12 43 41.4 -0.2
LDF	11nm,0.3s		eSg	Sg	12 44 46.1 -3.6
EQUE	3.4nm,0.3s,SNR=7.9	6.01 177	Pn	Pn	12 43 44.3 +1.9
EQUE	22nm,0.5s,SNR=7.9		Lg	Lg	12 45 24.1
FLN	16nm,0.5s	6.01 22	ePn	Pn	12 43 41.9 -0.4
FLN	7.0nm,0.2s		eSg	Sn	12 44 45.3 -5.6
FLN	7.0nm,0.2s	6.03 212	eSg	Pn	12 44 48.4 -3.1
PBEJ	16nm,0.5s		eSg	Sg	12 45 24.3 -3.0
PBEJ	16nm,0.5s		A	Pn	12 45 31.9
ETOS	0.4nm,0.2s,SNR=7.9	6.05 122	Pn	Pn	12 43 43.8 +0.9
ETOS	1.1nm,0.3s,SNR=7.9		Sn	Sn	12 44 48.6 -3.3
HYF	0.6nm,0.3s,SNR=7.9	6.09 46	ePn	Pn	12 43 42.7 -0.7
HYF	0.6nm,0.3s,SNR=7.9		eSg	Sn	12 44 48.4 -4.6
EGOR	6.1nm,0.4s,SNR=7.9	6.10 182	Pn	Pn	12 43 45.0 +1.4
EGOR	6.1nm,0.4s,SNR=7.9		Lg	Lg	12 45 27.8
AVF	11nm,0.4s	6.21 52	ePn	Pn	12 43 45.6 +0.7
AVF	11nm,0.4s		eSg	Sn	12 44 51.0 -4.7
PNCL	16nm,0.6s	6.23 217	ePn	Pn	12 43 46.0 +0.7
PNCL	16nm,0.6s		eSg	Sg	12 44 52.5 -3.9
PNCL	16nm,0.6s		eSg	Sg	12 45 31.4 -2.3
PNCL	16nm,0.6s		A	Pn	12 45 35.3
VIVF	11nm,0.3s	6.33 72	ePn	Pn	12 43 47.8 +1.1
VIVF	11nm,0.3s		eSg	Sn	12 44 54.4 -4.4
EGRO	1.3nm,0.2s,SNR=7.9	6.33 208	Pn	Pn	12 43 47.0 +0.4
EGRO	19nm,0.4s,SNR=7.9		Sn	Sn	12 44 56.1 -2.7
EGRO	19nm,0.4s,SNR=7.9		Lg	Lg	12 45 35.8
MESJ	21nm,0.7s	6.33 214	eSg	Pn	12 44 55.8 -3.1
MESJ	21nm,0.7s		eSg	Sn	12 45 35.3 -1.6
MESJ	21nm,0.7s		A	Pn	12 45 41.4
SMF	24nm,0.8s	6.42 55	ePn	Pn	12 43 47.6 -0.3
SMF	24nm,0.8s		eSg	Sn	12 44 54.7 -6.3
PCVE	18nm,0.6s	6.44 211	ePn	Pn	12 43 48.5 +0.3
PCVE	18nm,0.6s		eSg	Sn	12 44 59.5 -2.1
PCVE	18nm,0.6s		A	Pn	12 45 37.0 -3.4
PCVE	18nm,0.6s		A	Pn	12 45 40.5
SSF	8.2nm,0.3s	6.44 51	ePn	Pn	12 43 48.6 +0.4
SSF	8.2nm,0.3s		eSg	Sn	12 44 57.4 -4.2
PVAO	19nm,0.5s	6.53 209	ePn	Pn	12 43 49.7 +0.3
PVAO	19nm,0.5s		eSg	Sn	12 45 00.1 -3.6
PVAO	19nm,0.5s		A	Pn	12 45 51.9
PVAO	19nm,0.5s	6.53 209	P	Pn	12 43 49.8 +0.4
PBDV	19nm,0.6s				

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Table with columns: LOR, Locra, Murcia, 1.41 354 P, Pn, 12 50 30.7 +0.5, etc. Lists various astronomical objects and their properties.

Table with columns: LMR, La Moure, 9.38 39 ePn, Pn, 12 52 21.3 +1.6, etc. Lists astronomical objects with detailed parameters and codes.

Table with columns: BTLS, Baital, 9.01 16 ePn, Pn, 12 52 14.3 -1.0, etc. Lists astronomical objects with detailed parameters and codes.

VAO 01 15:16:15.70.2.0.23:195s:68.24W,h99km,mb5.8
GUC 01 15:16:15.5.0.7.23:235s:68.54W,h114km,mb5,ML5.9,
MW5.9

BJJ 01 15:16:16.0.0.0.23:305s:68.30W,h106km,mb5.6/52
NEIC 01 15:16:16.9.23:265s:68.32W,h114km,Moment Tensor
Solution. Moment tensor: Scale 10^17Nm, Mrr=-7.92;

NEIC 01 15:16:16.23:265s:68.28W,h118km,Moment Tensor
Solution. Moment tensor: Scale 10^17Nm, Mrr=-7.02;
Mss=0.15; Mss=0.87; Mss=0.99; Mss=2.43; Mrr=1.40; Fault
plane solution: M0:750000x10^17 Np1:166.650000x

MOS 01 15:16:16.6.1.1.22:95s:68.34W,h106km,mb5.7/45 Error
ellipse: s-maj=11.1km s-min=5.1km az=105.5
SJA 01 15:16:17.0.1.6.23:355s:68.47W,h75km,ML5.9,MW5.6

NEIC 01 15:16:17.5.2.0.23:225s:05:68.42W,0.06,h111km,1km,
Mw5.7/635,Mwb5.9/37,Mwr5.9/51,Mww5.8,
Mw5.9(GCMT),Mwr5.9(GUC),Error ellipse:
s-maj=10.1km s-min=8.0km az=285.0

GCMT 01 15:16:20.5.0.1.23:195s:01:68.63W,0.01,h128km,
MW5.9/152,Moment Tensor Solution. s146,c277;
s152,c370; Duration: 2.81 Moment tensor: Scale 10^18
Nm; Mrr=0.74z.01; Mss=0.05z.01; Mss=0.09z.01;

NEIC 01 15:16:20.23:145s:68.29W,h130km,Moment Tensor
Solution. Duration: 6.66 Moment tensor: Scale 10^17Nm;
Mrr=6.69; Mss=0.22; Mss=6.91; Mss=1.30; Mrr=1.21;
Fault plane solution: M0:570000x10^17 Np1:
0.344.000000x841.000000x-98.000000; NP2:

ISC 01 15:16:16.5.0.2.23:265s:002:68.36W,0.03,h108km,1km,
h108km;pP,1.682z,0.131/181s,mb5.7/385,7.60S-03D,
Azm63.26893; N Plg9.7649; Azm153.3453; P
Plg80.2247; Azm330.6691; Azm181.0000;

Code Station Name Az Phase ID Time Res
AF01 San Pedro de A 0.35 29 Op ISC h m s ISC

LVC Limon Verde 0.82 322 P Pn 15 16 33.5 +0.9
13um,0.3s,baz=149,slow=6.8

LVC 42um,0.3s,baz=177,slow=1.3,SNR=22
LVC LR LR 15 16 53.3

LVC Limon Verde 0.82 322 Pn 15 16 36.3 +0.1
LVC eS Pn 15 16 35.8 -0.3

LVC Limon Verde 0.82 322 eP Pn 15 16 51.0 +0.1
LVC eS Pn 15 16 35.9 -0.3

LB15 IPOC Station P 1.02 272 Pn 15 16 37.5 -0.4
PB15 Sn 15 16 53.0 -1.2

PB15 IPOC Station P 1.02 272 i/P Pn 15 16 37.6 -0.3
PB15 i/S Pn 15 16 53.3 -0.9

PB15 IPOC Station P 1.02 272 eP Pn 15 16 37.8 -0.2
PB15 eS Pn 15 16 53.8 -0.3
PB15 IAML 15 16 56.2

PB06 IPOC Station P 1.24 296 Pn 15 16 40.0 -0.3
PB06 i/P Pn 15 16 40.2 -0.1

PB06 i/S Pn 15 16 57.6 -0.8
PB06 IAML 15 17 01.2

PB06 IPOC Station P 1.24 296 eP Pn 15 16 40.2 -0.1
PB06 eS Pn 15 16 47.2 -1.1

PB05 IPOC Station P 1.74 283 i/P Pn 15 16 45.2 -1.0
PB05 i/S Pn 15 17 07.9 -1.0

PB05 IPOC Station P 1.74 283 eP Pn 15 16 45.3 -0.9
PB05 eS Pn 15 17 07.9 -1.0

PB03 IPOC Station P 1.76 313 i/P Pn 15 16 46.4 -0.1
PB03 i/S Pn 15 17 08.6 -0.8

PB03 IAML 15 17 12.7
PB03 IPOC Station P 1.76 313 eP Pn 15 16 46.4 -0.1

PB03 eS Pn 15 17 09.3 -0.1
PB03 IAML 15 17 11.6

PB04 IPOC Station P 1.89 299 Pn 15 16 47.7 -0.5
PB04 i/P Pn 15 16 47.4 -0.7

PB04 i/S Pn 15 17 10.9 -1.3
PB04 IAML 15 17 16.1

PB04 IPOC Station P 1.89 299 eP Pn 15 16 47.5 -0.7
PB04 eS Pn 15 17 11.7 -0.6

PB04 IAML 15 17 16.3
PB10 IPOC Station P 2.03 262 Pn 15 16 48.5 -1.3

PB10 IPOC Station P 2.03 262 i/P Pn 15 16 48.5 -1.3
PB10 i/S Pn 15 17 12.2 -2.9

PB10 IAML 15 17 22.2
PB10 IPOC Station P 2.03 262 eP Pn 15 16 48.6 -1.2

PB10 eS Pn 15 17 12.7 -2.5
PB10 IAML 15 17 22.6

PB07 IPOC Station P 2.07 317 Pn 15 16 50.5 0.0
PB07 i/P Pn 15 16 50.4 -0.1

PB07 i/S Pn 15 17 16.0 -0.5
PB07 IAML 15 17 21.0

PB14 IPOC Station P 2.31 233 Pn 15 16 52.2 -1.5
PB14 i/P Pn 15 16 52.4 -1.3

PB14 eS Pn 15 17 18.7 -3.5
PB14 IAML 15 17 28.1

PB14 IPOC Station P 2.31 233 eP Pn 15 16 47.2 -6.5
PB14 eS Pn 15 17 20.4 -1.8

PB14 IAML 15 17 26.8
PB02 IPOC Station P 2.39 323 i/P Pn 15 16 54.4 -0.2

PB02 eS Pn 15 17 22.8 -1.0

PB02 comp=E,208um,0.3s 2.44 334 Pn 15 17 29.0

PB01 IPOC Station P 2.44 334 i/P Pn 15 16 55.2 0.0

PB01 IPOC Station P 2.44 334 i/S Pn 15 16 55.1 0.0

PB01 IAML 15 17 24.8 +0.1
HJA comp=E,127um,0.5s 2.72 90 eP Pn 15 17 03.1 +4.1

HJA eS Pn 15 17 19.6 -1.2
HJA eS Pn 15 17 04.7 +3.9

YJA Yavi 2.84 68 eP Pn 15 17 06.4 +3.9
SLA San Lorenzo 3.00 120 i/P Pn 15 17 06.5 +4.0

SLA 3.00 120 eP Pn 15 17 06.5 +4.0
TA01 Diego Aracena 3.16 327 Pn Pn 15 17 03.0 -1.6

TA01 Diego Aracena 3.16 327 i/S Pn 15 17 03.0 -1.6
TA01 eS Pn 15 17 34.0 -7.8

TA01 IAML 15 18 01.4
TA01 comp=N,40um,0.6s 3.16 327 eP Pn 15 17 03.5 -1.1

TA01 IAML 15 17 59.3
PB08 IPOC Station P 3.19 347 Pn 15 17 05.8 +0.5

PB08 IPOC Station P 3.19 347 i/P Pn 15 17 05.9 +0.5

PB08 eS Pn 15 17 36.0 -6.9
Pb08 IAML 15 17 51.7

TA02 comp=E,19um,0.6s 3.39 331 Pn 15 17 05.5 -2.2

TA02 Huaiquique 3.39 331 eP Pn 15 17 05.9 -1.8
TA02 IAML 15 18 10.3

FSA comp=E,68um,0.6s 3.58 143 eP Pn 15 17 12.9 +2.7

FSA eS Pn 15 17 13.1 -2.3
AC02 Maricunga 3.63 191 Pn 15 17 11.5 +0.1

AC02 Maricunga 3.63 191 eP Pn 15 17 11.6 +0.3
AC02 eP Pn 15 17 11.6 +0.3

AC02 eS Pn 15 17 11.7
AC02 IAML 15 17 47.2 -6.5

ASTB comp=Z,10um,0.8s 3.65 102 eP Pn 15 17 14.2 +2.9

PB11 IPOC Station P 3.68 341 Pn 15 17 10.2 -1.5

PSGC Pisagua 3.99 335 eP Pn 15 17 17.6 +1.7

PSGC Pisagua 3.99 335 eP Pn 15 17 19.6 +2.9
G003 LOMAS DE OLMED 5.06 99 Pn 15 17 12.6 -1.8

G003 Copiap 4.64 201 Pn 15 17 21.6 -2.4
AP01 Chacalluta 5.20 339 Pn 15 17 30.6 -1.4

AC04 Llanos de Chal 5.94 206 Pn 15 17 31.6 -4.4
LPZA La Paz 6.94 206 Pn 15 17 56.4 +0.3

LPZA comp=Z,194nm,0.3s,baz=274,slow=7.8,SNR=1227
LPZA La Paz 6.94 206 Pn 15 17 56.6 +0.5

LPZA La Paz 6.94 206 Pn 15 17 56.6 +0.5
CO05 La Serena 7.12 201 Pn 15 17 52.2 -5.7

CO05 Tololo Observa 7.22 197 Pn 15 17 54.9 -4.6
CO03 El Pedregal 7.83 195 Pn 15 18 03.1 -4.7

CO06 Fray Jorge 7.94 201 Pn 15 18 02.7 -6.4
ZON Zonda 8.26 182 Pn 15 18 10.4 -3.2

ZON Zonda 8.26 182 Pn 15 18 10.4 -3.2
VA03 San Esteban 9.67 191 Pn 15 18 27.5 -5.2

SIV San Ignacio 9.97 45 Pn 15 18 33.9 -2.7
SIV comp=Z,237nm,0.3s,baz=237,slow=11,SNR=683

VA01 Torpederos 10.15 196 Pn 15 18 33.5 -5.6

MI02 Curacav 10.26 193 Pn 15 18 32.1 -7.4
MT05 Rencá 10.31 191 Pn 15 18 34.2 -7.2

CPUP Villa Florida 10.48 109 Pn 15 18 42.1 -1.5
CPUP comp=Z,1.5nm,0.3s,baz=297,slow=1.1,SNR=55

CPUP Villa Florida 10.48 109 Pn 15 18 42.2 -1.4

CPUP Villa Florida 10.48 109 Pn 15 18 41.2 -1.5
MT09 Talagante 10.73 192 Pn 15 18 40.2 -6.9

VA05 Santo Domingo 10.75 193 Pn 15 18 38.7 -5.7

MT01 Popelt 10.87 193 Pn 15 18 47.4 -7.9
BO01 Tunca 11.35 192 Pn 15 18 56.5 -3.1

PTLB Pontes e Lacer 11.66 50 Pn 15 18 52.5 -7.4

BO02 Sierra Bellavi 11.69 190 Pn 15 18 03.0 -2.1

AGDB Aquidauana 12.08 79 Pn 15 18 56.2 -9.4
GO05 Huala 12.12 194 Pn 15 19 05.7 -2.2

ITQB Itaqui 12.30 124 Pn 15 19 06.9 -1.0
ITQB Itaqui 12.30 124 Pn 15 19 06.9 -1.0

ML02 Panimavida 12.74 91 Pn 15 19 05.6 -8.1
WILB Vilhena 12.85 39 eP Pn 15 19 13.2 -2.0

H03N1 Juan Fernandez 13.74 220 Pn 15 19 23.8 -2.7
baz=108,slow=16,SNR=103

H03N1 Juan Fernandez 13.74 220 Pn 15 19 24.0 -2.7
baz=108,slow=16,SNR=65

H03N2 Juan Fernandez 13.74 220 Pn 15 19 23.7 -3.1
baz=41,slow=74,SNR=69

H03N3 Juan Fernandez 13.76 220 Pn 15 19 23.7 -3.1
baz=108,slow=16,SNR=87

H03N3 Juan Fernandez 13.76 220 Pn 15 19 23.8 -2.7
baz=106,slow=74,SNR=72

PP1B Ponte de Pedra 13.83 68 eP Pn 15 19 25.1 -2.9

VA04 Juan Fernndez 13.84 219 Pn 15 19 23.8 -4.2

SALV Santo Antonio 14.00 61 eP Pn 15 19 26.9 -3.2

H03S3 Juan Fernandez 14.02 219 Pn 15 19 25.8 -4.2
baz=32,slow=20,SNR=103

H03S3 Juan Fernandez 14.02 219 Pn 15 19 25.8 -4.2
baz=68,slow=76,SNR=4.5

H03S1 Juan Fernandez 14.03 219 Pn 15 19 25.7 -4.5
baz=32,slow=20,SNR=58

H03S1 Juan Fernandez 14.03 219 Pn 15 19 25.7 -4.5
baz=68,slow=76,SNR=3.8

H03S2 Juan Fernandez 14.04 219 Pn 15 19 26.0 -4.2
baz=32,slow=20,SNR=67

H03S2 Juan Fernandez 14.04 219 Pn 15 19 26.0 -4.2
baz=68,slow=76,SNR=2.9

TRCB Terra Rica 14.49 91 Pn 15 19 35.0 -1.5

TRCB Terra Rica 14.49 91 eP Pn 15 19 35.0 -1.5

LR La Plata 14.75 144 S Pn 15 22 26.0 +0.2

LPA LPA 15 24 36.8 -7.1

LPA LPA 15 31 38.7 -7.1

LPA LPA 15 32 39.2 0.0

LPA LPA 15 36 12.3 0.0

LPA LPA 15 39 31.2 0.0

PTGB Pitanga 14.97 99 eP Pn 15 19 42.4 -0.2

SAML Samuel 15.07 20 Pn 15 19 40.5 -3.3

SAML Samuel 15.07 20 Pn 15 19 40.5 -3.3

SAML Samuel 15.07 20 eP Pn 15 19 40.6 -3.1

SAML Samuel 15.07 20 eP Pn 15 19 40.9 -2.9

CPBS Cacapava Do Su 15.10 121 eP Pn 15 19 43.0 -1.1

PLTB Pedras Altas 15.59 126 Pn 15 19 47.9 -2.3

PLTB IAML 15 19 52.5

PLTB Pedras Altas 15.59 126 eP Pn 15 19 48.1 -2.1

TRQA Torqu coast 15.73 161 Pn 15 19 49.2 -2.8

TRQA IAML 15 19 49.2 -2.8
TRQA Torqu coast 15.73 161 Pn 15 19 49.2 -2.8

TRQA Torqu coast 15.73 161 Pn 15 19 49.2 -2.8

LC01 Cunco 15.88 190 Pn 15 19 49.6 -4.1

PCMB Pacemabu 15.90 87 eP Pn 15 19 52.8 -1.4

LRD Porto dos Gac 16.05 46 eP Pn 15 19 54.0 -1.8

LRD Pangupulli 16.67 191 Pn 15 19 51.9 -3.4

ITRB Iturama 17.12 81 eP Pn 15 20 08.4 -0.9

CLDB Colider 17.19 46 eP Pn 15 20 08.6 -1.3

FRFB Fartura 17.27 94 eP Pn 15 20 10.3 -0.5

ARAG Araguaiana, MT 17.31 67 eP Pn 15 20 10.0 -1.3

PLCA Paso Flores 17.52 166 Pn 15 20 12.0 -1.5

PLCA comp=Z,1.2nm,0.3s,baz=11,slow=13,SNR=65
PLCA Paso Flores 17.52 166 Pn 15 20 12.0 -1.5

PLCA Paso Flores 17.52 166 Pn 15 20 10.9 -2.6

PLCA comp=Z,179nm,1.1s 17.52 186 Pn 15 19 10.8 -2.6

PLCA Paso Flores 17.52 186 eP Pn 15 20 12.8 -0.7

PLCA Paso Flores 17.52 186 eP Pn 15 20 15.3 -1.1

LL04 Puerto Octay 17.93 190 Pn 15 20 14.4 -3.4

LL04 IAML 15 20 36.8
LL04 IAML 15 20 36.8

LL04 IAML 15 20 36.8

TER01 Tubaro-SC 18.08 111 eP Pn 15 20 19.4 -0.3

LL05 Los Muermos 18.15 190 Pn 15 20 18.9 -1.4

LL05 Los Muermos 18.15 192 Pn 15 20 18.9 -1.4

ATAH Atahualpa 18.71 327 Pn 15 20 29.5 +0.9

PLCA comp=Z,1.2nm,0.3s,baz=166,slow=6.8,SNR=17
PLCA Paso Flores 18.71 327 Pn 15 20 29.5 +0.9

TBTG Tabatinga, AM 19.02 355 i/P Pn 15 20 30.1 +0.2

TBTG Tabatinga, AM 19.02 355 eP Pn 15 20 30.1 +0.2

SPB Sao Paulo 19.21 95 eP Pn 15 20 31.4 -0.7

RCLB Rio Claro- Sao 19.22 92 eP Pn 15 20 31.9 -0.3

PET01 Itanhem-SP 19.33 97 eP Pn 15 20 32.2 -0.1

LL01 San Ignacio de 19.37 189 Pn 15 20 32.9 -0.6

PNB8 Pombal 19.57 78 Pn 15 20 35.2 -0.6

SNDB Serra Nova Dou 19.74 58 eP Pn 15 20 37.0 -0.8

LL07 Hotel Espejo d 19.98 191 Pn 15 20 39.8 -0.4

LL02 Futaleuf 20.09 187 Pn 15 20 40.8 -0.7

GO07 Milladeo Hill, 20.29 191 Pn 15 20 42.7 -0.8

TOSP Speyside	35.19	13	P	P	15 23 00.6	+0.4
TOSP Speyside	35.19	13	eP	P	15 23 00.6	+0.4
SRBA San Rafael, Bu	35.47	334	P	P	15 23 04.2	+1.4
SRBA			Iamb	Iamb	15 23 33.2	
GRGR Greenville	35.78	11	P	P	15 23 04.1	-1.2
GRGR Greenville	35.78	11	eP	P	15 23 04.2	-1.1
NBPV Pedro Velho	35.95	67	eP	P	15 23 06.4	+0.5
RIMA Rio Macho	36.16	333	P	P	15 23 09.9	+1.1
BATAN Batan	36.26	334	P	P	15 23 09.6	+0.1
BATAN			Iamb	Iamb	15 23 14.7	
CVTR Volcan Turrial	36.34	334	P	P	15 23 10.7	+0.1
CVTR			Iamb	Iamb	15 23 15.2	
SVB Belmont	36.96	12	P	P	15 23 14.0	-1.5
SVB Belmont	36.96	12	eP	P	15 23 13.9	-1.5
JVTX Las Juntas de	37.07	332	P	P	15 23 18.4	+1.9
JVTX			Iamb	Iamb	15 23 17.8	+1.3
JTS Las Juntas de	37.07	332	P	Pmax	15 23 17.8	+1.3
JTS			Iamb	Iamb	15 23 16.1	-0.4
JTS Las Juntas de	37.08	332	P	P	15 23 16.1	-0.4
JTS			Iamb	Iamb	15 23 21.7	
COVE Coopa Vega, Sa	37.24	333	P	P	15 23 18.8	+1.0
MCLT Moule a Chique	37.45	12	P	P	15 23 17.4	-2.1
MCLT Moule a Chique	37.45	12	eP	P	15 23 17.6	-1.9
HZTE Horizontes, Gu	37.74	332	P	P	15 23 20.6	-1.4
SLBI Saint Lucia, B	37.75	12	eP	P	15 23 20.2	-1.8
MPOM Morne Pois Mar	38.19	12	P	P	15 23 24.6	-1.0
MPOM Morne Pois Mar	38.18	12	P	P	15 23 24.2	-1.4
BIM Bigot	38.21	11	P	P	15 23 24.2	-1.8
BIM Bigot	38.21	11	eP	P	15 23 24.5	-1.5
FDL Fort de France	38.41	11	eP	P	15 23 26.9	+0.7
ILAM Ilet Lapin Mar	38.50	12	P	P	15 23 26.5	-1.8
SVN Savane Anatole	38.51	11	P	P	15 23 27.4	-1.0
PRVC Isla de Provid	38.57	339	P	P	15 23 27.6	-1.3
ACON Acopya	38.68	333	P	P	15 23 30.3	+0.5
ACON			Iamb	Iamb	15 23 59.6	
DSLB Salisbur	39.05	11	e	P	15 23 34.6	+1.7
HOPE Hope Point	39.11	151	P	P	15 23 33.8	+0.8
HOPE			Pmax	Pmax		
HOPE Hope Point	39.11	151	P	P	15 23 33.8	+0.8
HOPE			P	P	15 23 37.2	-3.4
HOPE Hope Point	39.17	11	P	P	15 23 46.4	-1.8
HOPE			Iamb	Iamb	15 23 53.0	
SKI Saint Kitts	40.71	8	e	P	15 23 54.0	+7.4
CDVI St. Croix	40.91	5	P	P	15 23 46.4	-1.8
CDVI			Iamb	Iamb	15 23 53.0	
MLPR Magueyes Isln	40.99	2	P	P	15 23 46.8	-2.1
MLPR			Iamb	Iamb	15 23 57.2	
CRPR Cabo Rojo, PR	41.03	2	P	P	15 23 47.4	-1.8
CRPR			Iamb	Iamb	15 23 52.7	
OBIP Obispado Ponce	41.08	3	P	P	15 23 47.5	-2.1
OBIP			Iamb	Iamb	15 23 51.2	
PDRP Patillas Dam,	41.09	3	P	P	15 23 47.6	-2.1
SJG San Juan	41.17	3	P	P	15 23 48.1	-2.3
SJG			Pmax	Pmax		
SJG San Juan	41.17	3	P	P	15 23 48.1	-2.3
SJG			Iamb	Iamb	15 23 55.7	
SJG San Juan	41.17	3	eP	P	15 23 48.4	-2.0
ANWB Willy Boba	41.18	10	P	P	15 23 47.0	-3.4
MTP Monte Prata	41.19	4	P	P	15 23 47.9	-2.7
HUMP Col San Antoni	41.22	4	P	P	15 23 48.0	-2.7
HUMP			Iamb	Iamb	15 24 00.6	
CBYP Canovanas	41.35	4	P	P	15 23 49.2	-2.7
CBYP			Iamb	Iamb	15 23 52.2	
GCPR Guaynabo City	41.37	3	P	P	15 23 49.3	-2.7
AOPR Arecibo Observ	41.38	2	P	P	15 23 49.5	-2.6
CUPR Culebra, Puert	41.42	4	P	P	15 23 49.7	-2.7
BANI BANI	41.44	357	P	P	15 23 52.0	-0.7
TGUH Teuguicalpa,Un	41.44	332	P	P	15 23 53.0	+0.2
TGUH Teuguicalpa,Un	41.44	332	eP	P	15 23 53.6	+0.8
AGPR Aguadilla, PR	41.49	2	P	P	15 23 51.0	-2.0
AGPR			Iamb	Iamb	15 24 02.7	
KMCC Santo Domingo	41.49	358	P	P	15 23 51.8	-1.1
KMCC			Iamb	Iamb	15 24 04.9	
SDD Esperanza - Ma	41.52	3	P	P	15 23 50.9	-2.3
EMPR			Iamb	Iamb	15 23 58.3	
EMPR			Iamb	Iamb	15 23 58.3	
PMSA Palmer Station	41.60	177	P	P	15 23 54.0	+0.6
PMSA			Iamb	Iamb	15 23 53.9	+0.6
PMSA Palmer Station	41.60	177	P	P	15 23 53.9	+0.6
PMSA			Iamb	Iamb	15 23 55.3	
PMSA Palmer Station	41.60	177	eP	P	15 23 54.6	+1.2
DR12 Loma Pena Alta	41.80	359	P	P	15 23 53.4	-2.2
SDDR Presa de Saban	42.08	356	P	P	15 23 56.8	-1.1
MTDJ Mount Denham	42.19	347	P	P	15 23 58.9	+0.1
MTDJ			Iamb	Iamb	15 24 02.5	
MTDJ Mount Denham	42.19	347	eP	P	15 23 56.8	-2.0
SC01 Santiago de lo	42.49	357	P	P	15 24 00.4	-0.7
SC01			Iamb	Iamb	15 24 19.5	
MT03 Montecristo	42.69	329	P	P	15 24 03.7	+0.6
ESQI Esquipulas	42.82	329	P	P	15 24 04.8	+0.8
ESQI			Iamb	Iamb	15 24 06.2	
GTTY Guntiamo Bay	43.42	351	P	P	15 24 07.3	-1.4
FSCY Frank Sound, G	44.12	342	P	P	15 24 13.9	-0.3
FSCY			Iamb	Iamb	15 24 21.2	
LCCY Blossom Villag	44.17	344	P	P	15 24 15.3	+0.7
HUEH Huehuetenango	44.52	327	P	P	15 24 17.9	+0.1
HUEH			Iamb	Iamb	15 24 47.2	
GRTK Grand Turk	44.58	356	P	P	15 24 16.8	-1.0
GRTK			Iamb	Iamb	15 24 19.4	
CCIG Comitán	45.66	327	P	P	15 24 26.5	-0.1
SOR Soroa	47.94	342	P	P	15 24 44.0	-0.1
SOR			Pmax	Pmax		
SOR Soroa	47.94	342	P	P	15 24 44.0	-0.1
TLIG Tlapa	47.97	321	P	P	15 25 01.8	+0.4
TLIG			Iamb	Iamb	15 25 03.8	
061Z Choppo	50.32	345	P	P	15 25 03.3	+1.1
DWPF Disney Wildern	52.60	345	P	P	15 25 19.1	+0.1
DWPF			Iamb	Iamb	15 25 22.2	
DWPF Disney Wildern	52.60	345	P	P	15 25 19.7	+0.5
MOIG Molelia	53.35	320	P	P	15 25 26.2	+1.0
MOIG			Iamb	Iamb	15 25 27.6	
656A Williston	54.07	345	P	P	15 25 30.2	+0.3
656A			Iamb	Iamb	15 25 58.3	
456A Hilliard	55.25	346	P	P	15 25 39.0	+0.6
456A			Iamb	Iamb	15 25 41.7	
553A Crawfordville	55.34	343	P	P	15 25 38.7	-0.3
BBSR BB Station	55.42	4	P	P	15 25 39.3	-0.3
BBSR			Iamb	Iamb	15 25 41.7	
TIGA Titton	56.31	344	P	P	15 25 45.8	-0.2
ZAIG Zacatecas	56.56	322	P	P	15 25 49.3	+1.0
ZAIG			Iamb	Iamb	15 26 18.2	
352A Blakely	56.69	343	P	P	15 25 48.2	-0.4
352A			Iamb	Iamb	15 26 18.3	
BRAL Brewton	57.00	341	P	P	15 25 50.9	0.0
BRAL Brewton	57.00	341	P	P	15 25 51.0	+0.1
BRAL			S	S	15 25 51.0	+0.1
BRAL			S	S	15 33 36.3	-0.7
NHSC New Hope	57.17	348	P	P	15 25 52.2	+0.1
NHSC New Hope	57.17	348	P	P	15 25 53.0	+0.9

NHSC baz=167,SNR=8.9	S	S	15 33 41.2	+2.2		
154A Montrose	57.31	345	P	P	15 25 52.7	-0.4
250A Grady	57.53	342	P	P	15 25 53.8	-0.8
Y60A Bolivia	57.71	350	P	P	15 25 55.5	-0.3
152A Waverly Hall	57.76	344	P	P	15 25 55.7	-0.5
152A			Iamb	Iamb	15 26 24.5	
Y59A Loris	57.80	350	P	P	15 25 55.9	-0.6
Y59A			Iamb	Iamb	15 26 25.0	
Y58A Scranton	57.85	349	P	P	15 25 56.7	-0.1
SACV Santiago Islan	57.97	53	P	P	15 25 56.7	-1.3
SACV			Iamb	Iamb	15 26 00.6	
346A Big Creek Wild	57.97	339	P	P	15 25 56.9	-0.8
KVXT Kingsville	58.00	329	P	P	15 25 57.6	-0.4
KVXT			Iamb	Iamb	15 25 59.9	
Y57A Sumter	58.09	348	P	P	15 25 58.4	-0.1
Y57A			Iamb	Iamb	15 26 27.3	
GOGA Godfrey	58.16	345	P	P	15 25 58.1	-0.9
GOGA			Pmax	Pmax		
GOGA Godfrey	58.16	345	P	P	15 25 58.1	-0.9
GOGA			P	P	15 25 58.6	-0.4
VNA3 Newmyer Olymp	58.26	161	P	P	15 26 00.2	-0.9
X58A Rowland	58.43	349	P	P	15 26 00.8	0.0
X58A			Iamb	Iamb	15 26 29.6	
344A Westbrook Farm	58.47	338	P	P	15 26 00.7	-0.5
WNA1 Newmyer-Stat	58.47	160	P	P	15 26 01.3	-0.3
Z51A Franklin	58.50	343	P	P	15 26 00.5	-0.8
Z51A			Iamb	Iamb	15 26 29.2	
JSC Jenkinville	58.52	347	P	Pmax	15 26 01.2	-0.3
JSC			Pmax	Pmax		
JSC Jenkinville	58.52	347	P	P	15 26 01.1	-0.3
JSC			Iamb	Iamb	15 26 30.1	
HODGE Hodgeburg	58.68	347	P	P	15 26 02.1	-0.5
BIRD Birdtown, Kers	58.72	348	P	P	15 26 02.5	-0.3
BIRD			Iamb	Iamb	15 26 31.7	
Y52A Litburn	58.74	345	P	P	15 26 02.1	-0.9
Y52A			Iamb	Iamb	15 26 30.9	
441A DeRidder	58.74	335	P	P	15 26 02.4	-0.7
441A			Iamb	Iamb	15 26 07.1	
VNA2 Neumayer-Watz	58.84	160	P	P	15 26 04.1	+0.8
VNA2			S	S	15 34 14.5	+1.4
CNNC Cliffs of the	58.87	351	S	S	15 34 02.1	+0.9
342A Flagon Creek P	58.97	336	P	P	15 26 04.5	-0.1
146A Union	58.99	340	P	P	15 26 04.2	-0.6
SHEL Horse Pasture	59.06	95	P	P	15 26 06.8	+1.1
SHEL			Pmax	Pmax		
SHEL Horse Pasture	59.06	95	P	P	15 26 06.8	+1.1
Kenedy	59.06	330	P	P	15 26 05.7	+0.3
735A			Iamb	Iamb	15 26 34.5	
735A			Iamb	Iamb	15 26 34.5	
VBMS Vicksburg	59.09	338	P	P	15 26 05.5	+0.1
VBMS Vicksburg	59.09	338	P	P	15 26 05.5	+0.1
HKT Hockley	59.12	332	iP	P	15 26 05.9	+0.3
HKT			Pmax	Pmax		
HKT Hockley	59.12	332	P	P	15 26 05.4	-0.2
HKT			Iamb	Iamb	15 26 34.1	
W57A Gilead	59.13	349	P	P	15 26 05.7	0.0
W57A			Iamb	Iamb	15 26 08.0	
Z47A Carrollton	59.20	341	P	P	15 26 05.1	-1.1
V61A Roper	59.24	352	P	P	15 26 05.5	-0.8
Y49A Blount Mountai	59.34	343	P	P	15 26 06.1	-1.0
Y49A			Iamb	Iamb	15 26 08.5	
KMCC Kings Mountain	59.37	348	P	P	15 26 07.2	-0.2
KMCC			Iamb	Iamb	15 26 36.1	
KMCC Kings Mountain	59.37	348	P	P	15 26 07.8	+0.5
KMCC			Iamb	Iamb	15 26 08.1	+0.6
833A Chaparral WMA,	59.37	328	P	P	15 26 08.1	+0.6
baz=147,SNR=36						
BG3 Lake Jocassee	59.56	346	P	P	15 26 08.5	-0.2
BG3			Iamb	Iamb	15 26 37.2	
X51A Calhoun	59.60	344	P	P	15 26 08.5	-0.5
V58A Windy Hill, Pi	59.60	350	P	P	15 26 08.6	-0.3
FPAL Fort Payne	59.77	344	P	P	15 26 09.5	-

1d 15h

KSCO	Kaye Shedlock	69.75	332	P	P	15 27 16.2	+1.2
I40A	Norwalk	69.87	343	P	I Amb	15 27 15.1	-0.4
L34A	comp-Z, 68nm, 0.6s	69.88	338	P	P	15 27 15.4	-0.2
SFX	Svensden Farm, San Felipe	69.99	319	P	I Amb	15 27 17.8	+1.3
SDCO	Great Sand Dun	70.01	329	P	I Amb	15 27 17.9	+1.1
SDCO	comp-Z, 197nm, 1.3s	70.01	329	P	P	15 27 18.2	+1.4
D62A	Great Sand Dun	70.01	360	P	P	15 27 17.2	+1.0
BGNE	Allapatt, All	70.02	337	P	P	15 27 17.0	+0.6
BGNE	Belgrade	70.02	337	P	P	15 27 17.1	+0.6
W18A	Petrified Fore	70.06	325	P	I Amb	15 27 18.1	+1.0
W18A	comp-Z, 83nm, 0.9s	70.06	325	P	P	15 27 19.3	
W18A	Petrified Fore	70.06	325	P	P	15 27 18.8	+1.7
BATG	4UR Ranch, Cre	70.23	2	P	I Amb	15 27 18.5	+0.9
BATG	Bathurst New B	70.23	2	P	I Amb	15 27 17.3	
X16A	comp-Z, 141nm, 1.1s	70.46	323	P	I Amb	15 27 21.1	+1.6
X16A	Lo Mia Camp, P	70.46	323	P	I Amb	15 27 50.3	
LMQ	comp-Z, 135nm, 1.2s	70.50	359	P	I Amb	15 27 19.7	+0.6
LMQ	La Malbaie	70.50	359	P	I Amb	15 27 48.7	
113A	comp-Z, 98nm, 1.0s	70.58	320	P	P	15 27 21.2	+1.3
S22A	Mohawk Valley	70.64	328	P	P	15 27 22.2	+1.3
I37A	4UR Ranch, Cre	70.77	341	P	P	15 27 20.8	-0.1
E46A	Lemond, Waseca	70.78	348	I Amb	I Amb	15 27 20.6	-0.3
Q24A	Sault Ste Mari	70.78	348	I Amb	I Amb	15 27 23.2	
Q24A	comp-Z, 166nm, 1.2s	70.83	330	P	P	15 27 23.2	+1.4
Y14A	Divide	70.88	322	P	P	15 27 23.8	+1.3
F42A	Wickenburg	71.00	345	P	P	15 27 21.9	-0.4
MVCO	Maple Grove Fa	71.04	327	I Amb	I Amb	15 27 24.0	+1.0
MVCO	Mesa Verde	71.04	327	I Amb	I Amb	15 27 53.4	
MVCO	comp-Z, 278nm, 1.4s	71.04	327	P	P	15 27 24.5	+1.5
MVCO	Mesa Verde	71.04	327	P	S	15 36 34.4	+3.6
G40A	rib Lake	71.04	344	P	P	15 27 22.0	-0.6
OGNE	Ogallala	71.12	334	I Amb	I Amb	15 27 23.8	+0.6
OGNE	comp-Z, 127nm, 0.9s	71.12	334	P	P	15 27 53.0	
OGNE	Ogallala	71.12	334	P	P	15 27 24.4	+1.1
WUAZ	Wupatki	71.24	324	I Amb	I Amb	15 27 25.4	+1.2
WUAZ	comp-Z, 87nm, 0.8s	71.24	324	P	P	15 27 26.8	
WUAZ	Wupatki	71.24	324	P	P	15 27 26.2	+2.0
K31A	comp-Z, 139, SNR=92	71.30	337	P	P	15 27 24.5	+0.4
E43A	O'Neill	71.33	346	I Amb	I Amb	15 27 23.7	+0.5
E43A	Lone Tree Farm	71.33	346	I Amb	I Amb	15 27 52.9	
GLA	comp-Z, 87nm, 0.9s	71.40	320	P	P	15 27 25.9	+0.9
GLA	Glamis	71.40	320	P	P	15 27 25.9	+0.9
GLA	comp-Z, 43nm, 0.9s	71.40	320	P	P	15 27 26.7	+1.6
GLA	Glamis	71.40	320	P	P	15 27 26.7	+1.6
ECSD	comp-Z, 135, SNR=7.7	71.53	339	P	P	15 27 25.1	-0.4
ECSD	EROS Data Cent	71.53	339	P	I Amb	15 27 54.5	
ECSD	EROS Data Cent	71.53	339	P	P	15 27 25.6	+0.1
ECSD	EROS Data Cent	71.53	339	P	S	15 36 34.3	-1.4
COWI	Compover	71.56	345	P	I Amb	15 27 25.3	-0.4
SPMN	Marine on St.	71.70	342	P	I Amb	15 27 25.9	-0.6
SPMN	comp-Z, 114nm, 0.8s	71.70	342	P	I Amb	15 27 28.1	
SPMN	Marine on St.	71.70	342	P	P	15 27 26.2	-0.2
ISCO	comp-Z, 156, SNR=52	71.72	331	P	P	15 27 27.7	+0.6
ISCO	Idaho Springs	71.72	331	P	P	15 27 27.7	+0.6
ISCO	comp-Z, 62nm, 0.9s	71.72	331	P	P	15 27 27.7	+0.6
ISCO	Idaho Springs	71.72	331	P	P	15 27 28.4	+1.3
ISCO	Idaho Springs	71.72	331	P	P	15 27 28.4	+1.3
PV01	Paradox Valley	71.79	328	P	P	15 27 28.5	+0.9
RMX	La Rumorosa	71.83	319	P	P	15 27 28.4	+0.6
SMCO	Snowmass	71.84	329	I Amb	I Amb	15 27 29.1	+1.1
SMCO	comp-Z, 82nm, 0.8s	71.84	329	I Amb	I Amb	15 27 30.4	
IKP	In-Ko-Pah, Jac	71.89	319	P	P	15 27 29.8	+1.8
PDWC	Parker Dam, Lak	71.89	321	P	P	15 27 29.5	+1.6
SDMS	Sam W. Stewart	71.91	319	P	P	15 27 29.6	+1.6
PV15	Paradox Valley	71.91	328	P	I Amb	15 27 29.4	+1.2
PV15	comp-Z, 113nm, 1.0s	71.91	328	P	I Amb	15 27 32.8	
PV02	Paradox Valley	71.93	328	P	P	15 27 29.1	+0.8
PV13	Radium Mtn., P	71.93	327	P	P	15 27 29.1	+0.7
CBX	Cerro Bola	71.99	318	P	P	15 27 29.2	+0.6
PV05	Paradox Valley	72.01	327	P	P	15 27 29.1	+0.3
PV03	Paradox Valley	72.02	327	P	P	15 27 29.1	+0.6
PV18	Kein Mesa, Pa	72.07	327	P	P	15 27 29.7	+0.7
PV12	Saucer Basin,	72.05	328	P	P	15 27 29.7	+0.6
PV07	Paradox Valley	72.07	328	P	P	15 27 29.9	+0.7
PV11	David Mesa, Pa	72.07	328	P	P	15 27 29.6	+0.5
PV17	East Wray Mesa	72.10	327	P	P	15 27 30.1	+0.8
PV16	Nyswonger Mesa	72.10	327	P	P	15 27 31.9	+1.2
TKX	Tecate	72.13	319	P	P	15 27 29.9	+0.5
PV19	Morning Glory	72.13	327	P	P	15 27 30.2	+0.7
PV04	Paradox Valley	72.16	328	P	P	15 27 30.1	+0.5
BC3	Big Chuckawall	72.20	320	P	P	15 27 31.6	+1.7
PV14	Lion Creek, Pa	72.20	327	P	P	15 27 30.3	+0.4
PV22	Blue Mesa, Par	72.21	328	P	I Amb	15 27 30.8	+0.8
PV22	comp-Z, 114nm, 1.2s	72.24	319	P	P	15 27 32.0	+1.7
MONP	2 Monument Peak	72.25	319	P	P	15 27 30.8	+0.7
BAR	Barrett	72.25	319	P	P	15 27 30.8	+0.7
PV23	Carpenter Ridge	72.26	328	P	P	15 27 30.8	+0.5
PV21	Coner Mtn., Par	72.32	328	P	P	15 27 31.2	+0.6
W13A	Hualapai Mount	72.32	322	P	P	15 27 31.9	+1.2
D41A	Chaco, Colo	72.32	321	P	P	15 27 30.0	0.0
IRM	Iron Mountain	72.37	321	P	P	15 27 32.6	+1.8
U15A	North Rim	72.42	324	P	I Amb	15 27 33.1	+1.8
U15A	comp-Z, 150nm, 1.2s	72.49	342	P	I Amb	15 28 02.5	
F36A	Milaca	72.49	342	P	I Amb	15 27 30.5	-0.7
F36A	comp-Z, 133nm, 1.0s	72.63	343	P	I Amb	15 27 59.9	
E38A	The Farm, Brul	72.63	343	P	I Amb	15 27 31.4	-0.6
E38A	comp-Z, 149nm, 1.2s	72.63	343	P	I Amb	15 27 34.5	
109C	Camp Elliot, M	72.65	318	P	P	15 27 33.8	+1.4
N23A	Red Feather La	72.75	331	P	P	15 27 34.6	+1.4
BELC	Belle Mtn., Jos	72.76	320	P	P	15 27 35.0	+1.7
BELC	comp-Z, 135, SNR=31	72.76	320	P	S	15 36 54.7	-1.8
PFO	Pinyon Flats O	72.76	319	P	P	15 27 35.1	+1.8
PFO	comp-Z, 86nm, 1.1s	72.76	319	P	P	15 27 34.0	+0.7
PFO	Pinyon Flats O	72.76	319	P	P	15 27 35.1	+1.8
DRLN	Deer Lake	72.83	7	P	I Amb	15 27 35.4	+0.3
DRLN	comp-Z, 131nm, 1.0s	72.87	332	P	I Amb	15 27 36.0	
PHWY	Pilot Hill	72.87	332	P	P	15 27 34.7	+0.8
SUSD	Miller	72.95	338	P	P	15 27 33.7	-0.3
SUSD	comp-Z, 206nm, 1.0s	72.95	338	P	I Amb	15 28 03.3	

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SUSD	Miller	72.95	338	P	P	15 27 34.1	+0.1
SUSD	comp-Z, 151, SNR=5.4	72.95	338	P	S	15 36 51.6	-0.3
GMRC	Granite Mounta	73.11	321	P	P	15 27 37.1	+1.8
KNB	Kanab	73.14	324	P	P	15 27 37.1	+1.7
KNB	comp-Z, 114nm, 1.0s	73.14	324	P	P	15 27 37.1	+1.7
KNB	Kanab	73.14	324	P	I Amb	15 27 37.1	+1.7
KNB	comp-Z, 114nm, 1.0s	73.14	324	P	I Amb	15 27 38.4	
PKCU	Pink Cliffs	73.18	325	P	I Amb	15 27 36.7	+0.8
PKCU	comp-Z, 148nm, 1.5s	73.20	319	P	P	15 27 39.7	
MURC	Murrieta	73.20	319	P	P	15 27 37.4	+1.7
MURC	comp-Z, 134, SNR=15	73.20	319	P	S	15 36 59.2	+2.2
Q20A	White River Ci	73.20	329	P	I Amb	15 27 36.7	+0.9
Q20A	comp-Z, 162nm, 0.8s	73.20	329	P	I Amb	15 27 39.8	
Q20A	White River Ci	73.20	329	P	P	15 27 37.4	+1.6
Q20A	comp-Z, 142, SNR=122	73.20	329	P	P	15 27 37.4	+1.6
KOWA	Kowa	73.26	66	P	P	15 27 36.9	+0.5
KOWA	comp-Z, 88nm, 0.6s, baz=246, slow=5.9, SNR=210	73.26	66	P	P	15 28 04.5	-0.3
KOWA	comp-Z, 78nm, 1.0s, baz=240, slow=2.8, SNR=3.8	73.26	66	P	P	15 27 36.7	+0.3
KOWA	comp-Z, 87nm, 0.7s	73.26	66	P	I Amb	15 27 38.6	
KOWA	Kowa	73.30	66	P	P	15 27 36.9	+0.5
F33A	5 Mile Ranch,	73.30	66	P	I Amb	15 27 35.5	-0.5
F33A	comp-Z, 75nm, 0.7s	73.30	66	P	I Amb	15 27 36.3	
LCMT	Little Creek M	73.36	324	P	P	15 27 36.4	-0.4
TBI	Tubuai	73.41	251	eS	LR	15 36 59.9	+1.8
TBI	comp-Z, 1um, 27.5s	73.41	251	eL	LR	15 50 27.2	
BBRC	Big Bear Solar	73.49	320	P	P	15 27 39.7	+2.0
SRU	San Rafael Swe	73.52	327	P	P	15 27 38.4	+0.7
SRU	comp-Z, 97nm, 0.7s	73.52	327	P	P	15 27 38.4	+0.7
SRU	San Rafael Swe	73.52	327	P	I Amb	15 27 39.6	
SRU	comp-Z, 97nm, 0.7s	73.52	327	P	I Amb	15 27 39.7	+2.0
MTPU	Mount Pierson	73.56	325	P	P	15 27 39.1	+1.0
SC12	San Clemente I	73.60	318	P	P	15 27 39.6	+1.5
Q16A	Castle Valley	73.70	326	P	P	15 27 39.7	+1.0
SZCU	Shurtz Canyon	73.71	324	P	P	15 27 40.0	+1.1
TUQ	Turquoise Moun	73.73	321	P	P	15 27 40.6	+1.7
P18A	Preston Nutter	73.77	328	P	I Amb		

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like SONM, SONGJO, SBILOGA, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like XAN, NLI2, CHENGDU, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like TKM2, SMLA, SIMILA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include YZG, AKSY, HAVZ, AMSY, KDHN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, BATE, BATE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include MK31, MKAR, MKAR, MAKZ, MAKZ, etc.

NEIC 01 16:10:58.5-1.7, 31.90S:0.07:66.56W:0.09, h142km, 9km, mb4.5/14, Error ellipse: s-maj=11.9km s-min=9.7km az=113.0

ISC 01 16:10:58.0-0.7, 31.89S:0.07:66.52W:0.09, h150km, n41, r134/41, mb4.3/3, LA Rioja Province

TUL 01 17:17:35.1-1.0, 36.40N:0.03:98.65W:0.02, h1km, 7km, ML2.7, mb_Lg2.4/16(NEIC), Error ellipse: s-maj=4.6km s-min=1.4km az=158.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include ZON, VA03, CO03, MT05, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include SANI, MTN, MTN, LUWI, LUWI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include U32A, W32A, W32A, X34A, etc.

NEIC 01 16:32:39.3-0.5, 8.3S:12.5E:1.1, h10km, M4.3/16, mb4.9/7, mb5.2/1, MLV3.5/6, Mw(MB)4.0/4

ISC 01 16:32:39.3-0.5, 8.3S:12.5E:1.1, h10km, M4.3/16, mb4.9/7, mb5.2/1, MLV3.5/6, Mw(MB)4.0/4

NEIC 01 17:39:23.8-1.3, 62.7S:0.1:158.1W:0.3, h10km, 1km, mb4.6/12, Error ellipse: s-maj=25.4km s-min=18.1km az=308.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, BATE, BATE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include STKA, STKA, STKA, STKA, STKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include SBA, V32A, V32A, V32A, V32A, etc.

NEIC 01 16:50:59.5-2.8, 8.39S:0.04:124.92E:0.05, h10km, 1km, mb4.6/22, Error ellipse: s-maj=10.3km s-min=4.7km az=49.0

DJA 01 16:50:59.6-0.2, 8.3S:12.5E:1.1, h10km, M4.3/16, mb4.9/7, mb4.5/16, MLV4.4/13, Mw(MB)4.2/7

NEIC 01 17:39:23.8-1.3, 62.7S:0.1:158.1W:0.3, h10km, 1km, mb4.6/12, Error ellipse: s-maj=25.4km s-min=18.1km az=308.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include ULN, ULN, ULN, ULN, ULN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include WMO, WMO, WMO, WMO, WMO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include H03S2, H03S2, H03S2, H03S2, H03S2, etc.

1d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwijn, AS31 Alice Springs, WRA Warramunga Arr, etc.

IDC 01 17:45:19.3, 1.9, 7.03S, 128.38E, h0km, mb3.6/1, mb1 3.8/4, mb1mx3.5/27, mbtm3.7/4, ML3.5/3, Error ellipse: s-maj=60.2km s-min=29.7km az=80.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, FAKI Fak Fak, MTN Mantion Dam, etc.

JMA 01 18:02:00.7, 0.1, 37.30N, 141.19E, h37km, 1km, M3.6, 1C-6D Broadband fault plane solution: P waves. NP1: 0.68, 0.0000, 83.00000, -1.91, 0.00000

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishiy, JMST Minakusimafuroc, etc.

MAN 01 18:32:42.5, 11.93N, 125.71E, h21km, mb4.2, ML3.0, MS2.7 IDC 01 18:32:58.7, 2.6, 11.38N, 125.00E, h160km, 26km, mb3.6/15, mb1 3.7/16, mb1mx3.5/53, mbtm4.1/16, MS3.7/2, Ms1 3.7/2, ms1mx2.9/42, Error ellipse: s-maj=30.5km s-min=10.6km az=73.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSLP Maasin, MMHP Masbate, LLP Lapu-Lapu, etc.

2015 NOV

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CNOP Guinayanagan, JAP San Jose, DAV Davao City, etc.

IDC 01 18:40:04.3, 34.0, 21.86S, -178.80W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.8/29, mbtm4.1/4, Error ellipse: s-maj=64.42km s-min=155.3km az=89.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

IDC 01 19:21:08.7, 3.1, 14.70S, 167.39E, h121km, 25km, mb3.8/8, mb1 3.9/9, mb1mx3.5/42, mbtm4.2/9, Error ellipse: s-maj=24.9km s-min=21.5km az=63.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANVU Sarauoutou, DVP Devils Point, LIFNC LIFOU, etc.

IDC 01 19:21:09.6, 0.9, 14.80S, 167.50E, h129km, n59, 0.180/62, mb4.1/20, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dumazac, DZM DZM, NOUC Port Laguerre, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR comp=2.0,3nm,0.7s, baz=89, slow=3.9, SNR=5.3, BB00 Buckleboo, MULG Mulgathing, etc.

UPA 01 19:26:45.4, 2.0, 7.95N, 77.78W, h0km, 11km, MW4.3 RSNC 01 19:26:47.2, 1.0, 7.90N, 77.83W, h0km, 7km, ML2.1 ISC 01 19:26:44.5, 0.8, 8.02N, 0.04, -77.76W, 0.03, h10km, n21, 1.837/30, 2D, Panama-Colombia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UPD2 Meteti, UPD2 Punta Arditia, PTAC Chepo, Panama, etc.

IDC 01 19:30:20.1, 1.0, 52.52N, 170.26W, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.6/58, mbtm3.9/7, ML3.5/1, MS3.8/2, Ms1 3.8/2, ms1mx2.9/38, Error ellipse: s-maj=37.6km s-min=23.7km az=159.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BCIP Isla Barro Col, BCIP Isla Barro Col, BCIP Isla Barro Col, etc.

IDC 01 19:37:31.5, 0.9, 52.77N, 0.1, 169.91W, 0.09, h100km, n59, 0.1175/71, mb3.7/7, Fox Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BCIP Isla Barro Col, BCIP Isla Barro Col, BCIP Isla Barro Col, etc.

IDC 01 19:37:31.5, 0.9, 52.77N, 0.1, 169.91W, 0.09, h100km, n59, 0.1175/71, mb3.7/7, Fox Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KLU Klutina, I23K Minto, Yukon-K, I23K Minto, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H11S2 WAKE ISLAND Hy 38.71 217 T T 20 25 54.8, H11S3 WAKE ISLAND Hy 38.71 217 T T 20 26 03.2, NR1K Norfolk Island 19.45 45.2 +1.2, TXAR Lajitas Array 19.46 40.7 +2.2, SADO Saodwa 20 10 34.8, R1AO Raou Island 20 22 13.4, WRA Warramunga Arr 19.50 04.8 -0.3, ASAR Alice Springs 19.50 21.7 +0.5

IDC 01 19:45:54.0-4.8, 19:05Sx176:83W, h340km, mb3.3/6, mb1 3.7/3, mb1mx3.2/22, mbtmp4.0/7, Error ellipse: s-maj=91.4km s-min=19.2km az=147.0

ISC 01 19:45:54.3-1.3, 19:05Sx176:83W, h340km, n8, n0524/8, mb3.5/6, Fijil Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MSVF Nonsavu 19.47 13.9 +0.2, STKA Stephens Creek 19.52 52.5 +0.1, WRA Warramunga Arr 19.53 43.8 -0.2, ASAR Alice Springs 19.53 44.0 -0.2, NVAR Mina Array Bea 19.57 22.4 +0.3, TXAR Lajitas Array 19.57 53.7 0.0, ILAR Eielson Array 19.57 58.6 -0.3, GERES GERRSS Array B 149.02 346 PKPbc PKIKP 20 05 03.2 0.0

IDC 01 19:51:31.7-1.6, 2:03N-127:84E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/28, mbtmp3.5/3, Error ellipse: s-maj=154.5km s-min=8.8km az=67.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr 19.57 16.4 0.0, ASAR Alice Springs 19.57 09.7 +1.1, MKAR Makanchi Array 20 01 37.2 -0.1

IDC 01 20:14:05.4-9.1, 19:30Sx175:27W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/35, mbtmp3.5/3, Error ellipse: s-maj=394.3km s-min=43.9km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs 20 22 39.6 -0.3, WRA Warramunga Arr 20 22 40.6 +0.1, ILAR Eielson Array 20 26 53.0 0.0

IDC 01 20:14:40.0-2.6, 38:15N-67:63E, h0km, mb3.5/1, mb1 3.4/3, mb1mx3.2/43, mbtmp3.4/3, ML3.1/2, MS3.3/1, Ms1 3.3/1, ms1mx2.6/27, Error ellipse: s-maj=104.7km

s-min=12.7km az=149.0

IDC 01 20:14:40.7-1.9, 38:15N-67:67E, h10km, n6, n2952/5, 4C, Southeastern Uzbekistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KK31 Karatay Array 20 16 22.2 -2.2, KK31 1.1nm, 0.2s, baz=192, slow=16, SNR=26, TKM2 Tokmak 2 20 17 37.1 +2.5, TKM2 3.0nm, 0.4s, baz=192, slow=26, TKM2 7.4nm, 0.5s, MKAR Makanchi Array 20 17 57.3 +0.7, ZALV Zalesovo Beam 20 19 10.8 -0.7, USRK Ussuriysk Arr. 20 45 46.2, TORD Torodi Ar. Bea 20 25 09.7 +0.7

IDC 01 20:31:57.1-1.9, 30:95Sx71:33W, h0km, mb3.9/4, mb1 3.8/7, mb1mx3.7/26, mbtmp3.7/7, ML3.2/3, Error ellipse: s-maj=45.4km s-min=40.6km az=28.0

GUC 01 20:32:05.1-0.5, 30:67Sx71:32W, h54km, 1km, ML3.9

ISC 01 20:32:05.0-0.8, 30:65Sx104:71W, h49km, n8, n3, n0577/30, mb3.8/4, 1C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CO06 Fray Jorge 20 32 13.9 -0.3, CO06 20 32 20.8 +0.4, CO03 EI Pedregal 20 32 17.4 -0.3, CO03 20 32 26.6 0.0, CO03 20 32 27.5, GO04 Tololo Observa 20 32 19.0 +0.2, GO04 20 32 19.0 +0.8, CO05 La Serena 20 32 19.8 +0.3, CO05 20 32 30.7 +0.9, LCO Las Campanas 20 32 35.0 0.0, VA06 Catapilco 20 33 04.2, VA03 San Esteban 20 32 40.2 +0.4, VA03 20 33 06.8 +0.8, VA03 20 33 11.1, ROCH El Roble 20 32 41.8 +0.2, ROCH 20 33 10.2 +1.0, ROCH 20 33 18.6, AC04 Llanos de Chal 20 32 43.7 +0.8, PEL Peidehue 20 32 44.8 +0.4, PEL 20 33 15.0 +0.8, MT02 Curacav 20 32 44.9 -0.3, MT02 20 33 16.0 +0.3, MT05 Renca 20 33 29.7, VA05 Santo Domingo 20 33 42.9, MT09 Talagante 20 32 52.8 +0.3, MT09 20 33 45.4, MT01 Popeta 20 32 53.2 -0.2, MT01 20 33 42.6, LMEL Las Melosas 20 32 56.9 +1.7, LMEL 20 33 42.9, H03N1 Juan Fernandez 20 40 34.5, H03N3 Juan Fernandez 20 40 38.8, H03N2 Juan Fernandez 20 40 34.8, LVC Limon Verde 20 34 02.0 -1.5, LPAZ La Paz 20 35 30.5 +0.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SIV San Ignacio 20 36 05.0 -1.1, BDFB BDFB 20 37 33.1 -1.3, TXAR Lajitas Array 20 42 54.7 +0.5, DBIC Dimbokro 20 43 33.2 -0.5, TORD Torodi Ar. Bea 20 44 23.1 -0.2, H11S2 WAKE ISLAND Hy26.36 271 T T 23 09 51.3, H11S1 WAKE ISLAND Hy26.38 271 T T 23 09 51.3, H11S3 WAKE ISLAND Hy26.38 271 T T 23 09 51.4, H11N3 WAKE ISLAND Hy26.69 273 T T 23 10 17.3, H11N1 WAKE ISLAND Hy26.71 273 T T 23 10 18.4, H11N2 WAKE ISLAND Hy26.71 273 T T 23 10 18.6, ZALV Zalesovo Beam 20 51 51.4 -1.1

TIR 01 20:33:12.6, 41:34N-20:27E, h9km, 3km, Md2.4, ML2.3 SKO 01 20:33:12.3, 41:36N-20:26E, h2km az=269.0, ATH 01 20:33:12.1, 41:51N-20:26E, h2km, 11km, ML2.5/3, Error ellipse: s-maj=11.7km s-min=1.2km az=269.0

PDG 01 20:33:13.0-0.2, 41:35N-20:26E, h8km, ML2.4/13, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

BEO 01 20:33:14.2, 0.3, 41:36N-20:24E, h0km, ML2.1/8 THE 01 20:33:14.1, 41:41N-20:42E, h3km, 4km, ML2.1/3, Error ellipse: s-maj=4.8km s-min=2.2km az=192.0

ISC 01 20:33:13.0-0.9, 41:34N-0:02-20:25E, h10km, 8km, n62, n109/100, 3C-4D, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TIR Tirane 20 33 23.9 +0.6, TIR 20 33 19.3 0.0, TIR 20 33 25.6 +1.2, TIR 20 33 25.7, TIR 20 33 19.3 0.0, TIR 20 33 19.3 0.0, TIR 20 33 23.9 +0.6, TIR 20 33 23.9 +0.6, PHP Peshopia 20 33 20.3 -0.6, PHP 20 33 26.0 +0.2, OHR Ohrid 20 33 22.6 -0.1, OHR 20 33 30.6 -0.5, OHR 20 33 30.7, PUK Puka 20 33 27.4 -0.6, PUK 20 33 39.1 0.0, KBN 20 33 41.4 +0.2, ULU Ulcinj 20 33 30.4 -1.9, ULU 20 33 30.4 -1.9, ULU 20 33 45.2 +0.1, FNA Florina 20 33 46.8 +0.1, FNA 20 33 32.2 -0.8, FNA 20 33 46.4 -0.3, FNA 20 33 49.4, FNA 20 33 32.3 -0.8, FNA 20 33 36.9 +0.1, FNA 20 33 32.3 -0.8, FNA 20 33 47.4 -0.9, SKO Skopje 20 33 33.6 -0.8, SKO 20 33 48.2 -0.6, SKO 20 33 48.9, NEST Nestorio 20 33 34.3 -0.5, NEST 20 33 49.5 +0.2, NEST 20 33 34.2 -0.6, NEST 20 33 50.8 +0.2, NEST 20 33 56.5, NEST 20 33 57.1, DRME Dracevica, Mon 20 33 33.9 -1.9, DRME 20 33 41.7 -0.8, LSK Leskovik 20 33 37.9 +1.2, LSK 20 33 57.3 +4.0, LSK 20 33 36.4 -0.6, PVY Plav 20 33 35.9 -1.6, PVY 20 33 55.9 +1.2, PDG Podgorica 20 33 36.7 -1.2, PDG 20 33 55.3 0.0, PDG 20 33 41.2 -1.2, PDG 20 33 58.5 +2.8, TTG Podgorica 20 33 36.8 -1.2, TTG 20 33 56.9 -1.2, BUM Brajci-Budva 20 33 37.6 -1.6, BUM 20 33 59.5 +1.1, STIP 20 34 05.7 +0.6, STIP 20 34 07.3 +5.7, STIP 20 34 09.5, KZN Kozani 20 33 42.1 -0.2, PEY Berane 20 33 41.5 +0.2, IVN Berane 20 34 04.5 +1.0, CEME Cevo 20 33 41.3 -0.1, CEME 20 34 04.3 +0.5, KOME Kolasin 20 33 42.3 +0.2, KOME 20 34 05.7 +0.6, KPRO Kipourio 20 34 02.4 +0.1, KPRO 20 34 05.4 -0.3, KPRO 20 34 42.4 -0.4, KEK Kerkira 20 33 43.9 -0.4, GRG Griva 20 33 41.9 -1.2, GRG 20 33 43.9 -0.5, GRG 20 33 42.3 -0.6, GRG 20 33 42.4 -1.9, HRCY Herceg Novi 20 33 43.7 +0.2, HRCY 20 34 08.0 +1.2, NKME Niksic 20 33 43.9 +0.3, NKME 20 34 08.3 -0.6, JAN Janina 20 33 45.1 -0.5, VAY Valandovo 20 34 09.1 -0.5, VAY 20 34 10.9, PRVS Prvonek 20 33 46.0 -0.5, IGT Igoumenitsa 20 33 46.1 -0.6, IGT 20 34 11.2 -0.4, IGT 20 33 46.2 -0.6, BARS Barje 20 33 48.1 +0.2, SUES Sjenica 1.93 334 0.0, SUES 20 34 13.5 +0.4, TREB Trebinje 20 33 47.0 0.0, SELS Selva 20 33 49.4 -0.4, KNT Kendrickron 20 33 46.9 -0.5, BRY Bratisograd 2.01 321 1.0, BRY 20 33 45.3 -0.2, BOSS Bosilegrad 20 33 50.2 -0.2, BOSS 20 34 18.3 -0.3, DBRK Dubrovnik 2.05 311 0.0, DBRK 20 34 17.1 +0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PLE Pljevlja 2.09 342 ePn Pn 20 33 49.3 +0.6, PLE 20 34 17.4 -0.2, UPM Unac-Piva 2.11 332 1.0 Pn Pn 20 33 49.3 +0.2, UPM 20 34 17.8 -0.6, STON Klukotos Trika 2.23 142 P Pn 20 33 52.7 -1.2, STON 2.44 310 ePn Pn 20 33 53.1 +1.0, STON 2.44 310 ePn Pn 20 34 23.2 -0.1, BBLs Laz#263i; 2.60 346 ePn Pn 20 33 57.6 +1.9, ZAGS Zajecar 2.87 30 ePn Pn 20 34 00.8 +1.4, MAKA Makarska 3.09 310 ePn Pn 20 34 01.8 -0.5, RICA Ralice 3.16 314 ePn Pn 20 34 03.4 +0.1, HVA Hvar 3.37 304 ePn Pn 20 34 05.1 +1.0, UDBI Udbina 4.58 316 ePn Pn 20 34 32.1 +0.2, DUGI Dugi Otok 4.66 306 ePn Pn 20 34 23.2 -0.7

IDC 01 20:36:14.0-6.9, 15:88Sx175:56W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.5/20, mbtmp3.7/2, Error ellipse: s-maj=302.5km s-min=31.3km az=138.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr 47.71 257 P Pn 20 44 53.1 +0.2, ASAR Alice Springs 47.96 252 P Pn 20 44 54.9 -0.1, BRTR Keskin Array B 145.18 319 PKPbc PKPbc 20 55 53.0 -0.7

TAP 01 20:52:02.9, 24:31N-121:76E, h21km, 1km, ML1.3, D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ENA Nanau 0.12 353 eP Pn 20 52 07.5 -2.0, ENA 20 52 11.0 -3.2, EWUT Wuta 0.13 8 eP Pn 20 52 07.5 -1.7, EWUT 20 52 11.1 -2.5, ETL Fush Village 0.20 219 eP Pn 20 52 08.6 -0.3, ETL 20 52 12.8 -0.2, NACB Ninganchiao 0.20 227 P Pn 20 52 08.7 -0.2, ETLH Xiulin Townshi 0.27 247 eP Pn 20 52 09.7 +0.3, ETLH 20 52 15.1 +1.2, TWD Chiawun 0.28 212 eP Pn 20 52 09.4 +0.1, NDS Dongshan 0.32 353 eP Pn 20 52 11.5 -0.9, NDS 20 52 16.2 +1.5, WHF Hehuan Shan 0.48 250 eP Pn 20 52 20.6 +1.0, YHNB Yeheng 0.50 316 eP Pn 20 52 13.2 +0.2, YHNB 20 52 21.4 -1.5, NWLT Wulai 0.52 333 eP Pn 20 52 13.5 +0.2, NWLT 20 52 21.5 +1.0, CHGB Renai 0.59 245 eP Pn 20 52 14.8 +0.1, CHGB 20 52 23.4 +0.6

TAP 01 20:52:07.6, 24:40N-121:46E, h5km, ML1.2, B, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NNSB Datong 0.07 291 P Pn 20 52 10.0 +0.6, NNSB 20 52 10.9 +0.3, NNS Nan Shan 0.09 296 P Pn 20 52 10.1 +0.5, NNS 20 52 11.0 +0.1, ETLH Xiulin Townshi 0.19 174 eP Pn 20 52 12.0 +0.5, NDT Datong Townshi 0.21 13 eP Pn 20 52 11.9 +0.2, NDT 20 52 15.5 +1.0, FUSS Fushou 0.25 232 P Pn 20 52 13.4 +0.9, FUSS 20 52 16.8 +1.0, ENTT Nioudou 0.26 22 P Pn 20 52 12.7 +0.1, ENTT 20 52 17.3 +1.3, NACB Ninganchiao 0.26 151 eP Pn 20 52 12.8 +0.2, NACB 20 52 17.7 +1.6, YHNB Yeheng 0.28 344 eS Sg 20 52 17.6 +0.9, NSK Sanguang 0.29 341 eP Pn 20 52 13.3 0.0, NSK 20 52 18.0 +0.9, EWUT Wuta 0.29 81 eP Pn 20 52 13.5 +0.2, EWUT 20 52 19.0 -1.6, TWT Tachien 0.30 240 eP Pn 20 52 14.3 +0.9, TWT 20 52 19.2 -1.7, WHF Hehuan Shan 0.31 215 P Pn 20 52 14.8 +1.1, WHF 20 52 19.7 -1.8, TDCB Techu 0.31 242 P Pn 20 52 14.4 +0.7, TDCB 20 52 20.0 -1.3, NDS Dongshan 0.33 45 eP Pn 20 52 14.3 +0.3, NDS 20 52 19.9 +1.6, TWD Chiawun 0.34 159 eP Pn 20 52 20.1 +1.3, TWE Neicheng 0.37 31 eP Pn 20 52 15.1 +0.3, TWE 20 52 21.6 -1.2, NWLT Wulai 0.38 6 eS Sg 20 52 20.9 +1.0, CHGB Renai 0.43 218 eP Pn 20 52 16.6 +0.6, LIOB Emei 0.47 301 eS Sg 20 52 25.1 -0.7, WHP Taichung City 0.48 255 eP Pn 20 52 17.4 +0.4, OWD Renai 0.52 210 eP Pn 20 52 18.2 +0.6, OWD 20 52 26.3 -0.8

IDC 01 21:00:13.5-0.9, 12:00N-144:02E, h0km, mb3.9/8, mb1 4.1/8, mb1mx3.8/38, mbtmp3.9/8, MS4.3/2, Ms1 4.3/2, ms1mx3.1/41, Error ellipse: s-maj=39.1km s-min=16.8km az=109.0

NEIC 01 21:00:19.2-1.8, 12:04N-0:06-144:2E-0:2, h43km, 9km, mb4.2/7, Error ellipse: s-maj=25.4km s-min=6.4km az=101.0

ISC 01 21:00:17.0-0.7, 12:02N-0:08-144:1E-0:1, h26km, n27, n1500/24, mb4.1/11, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GUMO Guam 1.75 27 Pn Pn 21 00 47.2 -1.4

Table with columns: GUM0, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUM0, WAKE ISLAND, WARRAMUNGA ARR, etc.

NEIC 01 21:05:45.5:1.6, 43.91N:0.04:105.53W:0.04, h0km, 2km, ML3.2/40, Error ellipse: s-maj=8.4km s-min=3.0km az=323.0

IDC 01 21:05:49.0:4.0, 5.44:64N:106.11W, h0km, 5.9, C mb1mx3.4/50, mbtmp3.3/3, ML2.4/2, Error ellipse: s-maj=61.4km s-min=3.3km az=141.0

ISC 01 21:05:44.9:0.9, 43.94N:0.05:105.56W:0.05, h0km, n34, r1500/35, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RISSD, K22A, RWWY, PHWY, etc.

IDC 01 21:06:04.1:1.8, 4.45S:151.62E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/45, mbtmp3.3/3, Error ellipse: s-maj=173.4km s-min=18.1km az=126.0, New Britain region

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

IDC 01 21:06:41.1:1.8, 0.67N:127.30E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/45, mbtmp3.5/3, Error ellipse: s-maj=186.4km s-min=11.6km az=66.0, Halmahera

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

JMA 01 21:09:39.1:0.3, 22.66N:121.72E, h3km, 4km, M5.4 NIED 01 21:09:39.1, 22.66N:121.72E, h3km, MW5.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^17Nm; Mrr=0.07; Mss=1.12; Mss=1.06; Mss=1.60; Mss=0.13; Mss=1.10; Fault plane solution: M2.23000x10^17 NP1: phi=233.00000, lambda=89.00000, lambda=119.00000. NP2: phi=140.00000, lambda=89.00000, lambda=3.00000.

BUI 01 21:09:39.0:0.2, 22.75N:121.70E, h10km, mB5.5/66, mB5.1/79, ML5.5/8, M5.5/65, M5.7/5, 4/89, NEIC 01 21:09:42.0:2.2, 73N:121.66E, 0.05:12.06E, 0.05: h7km, 1km, M5.5/274, Ms 20 4.9/86, Mwb5.3/39, Mw15.3/22, Mw15.5, Mw5.5(GCMT), Error ellipse: s-maj=10.5km s-min=6.5km az=218.0

NEIC 01 21:09:42.22:78N:121.62E, h16km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.77; Mss=0.34; Mss=1.11; Mss=0.23; Mss=0.02; Fault plane solution: M1.04000x10^17 NP1: phi=17.64000, lambda=52.68000, lambda=102.02000. NP2: phi=178.29000, lambda=83.94000, lambda=7.42000. Principal axes: T 0.8080, Plg78.0000, Azm333.0000; N 0.3674, Plg10.0000, Azm190.0000; P -1.1754, Plg7.0000, Azm9.0000.

NEIC 01 21:09:42.22:78N:121.62E, h9km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.82; Mss=0.24; Mss=1.07; Mss=0.25; Mss=0.00; Mss=0.34; Fault plane solution: M1.06000x10^17 NP1: phi=160.69000, lambda=38.34000, lambda=59.64000. NP2: phi=17.44000, lambda=57.64000, lambda=111.79000. Principal axes: T 0.9653, Plg69.0000, Azm334.0000; N 0.1612, Plg18.0000, Azm185.0000; P -1.1264, Plg10.0000, Azm92.0000.

BGR 01 21:09:42.9:0.0, 22.66N:121.95E, h33km, mb5.2 TAP 01 21:09:42.8, 22.73N:121.58E, h19km, ML5.9, C ASIES 01 21:09:42.0, 22.71N:121.60E, h16km, MW5.2, MOS 01 21:09:42.2, 1.0, 22.74N:121.57E, h28km, mb5.9/55, M5.5/139, Error ellipse: s-maj=5.5km s-min=3.6km az=109.3

GCMT 01 21:09:42.7:0.1, 22.73N:121.57E, h10km, MW5.4/250, Moment Tensor Solution. s116.c197; s130.c234; Duration: 1s3 Moment tensor: Scale 10^17 Nm; Mrr=1.57e-03; Mss=0.21e-02; Mss=1.79e-03; Mss=0.18e-05; Mss=0.56e-02; Mrr=0.14e-05; Best double couple: M1.77300x10^17 NP1: phi=24.00000, lambda=84.00000, lambda=104.00000. NP2: phi=185.00000, lambda=87.00000, lambda=77.00000. Principal axes: T 1.6100, Plg80.0000, Azm23.0000; N 0.3200, Plg10.0000, Azm194.0000; P -1.9360, Plg2.0000, Azm284.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

IDC 01 21:09:44.5:3.4, 22.76N:121.60E, h33km, 26km, mb4.8/40, mb1 4.9/46, mb1mx4.9/52, mbtmp5.1/46, ML4.5/6, MS4.7/29, Ms1 4.7/29, ms1mx4.6/40 Error ellipse: s-maj=11.1km s-min=8.6km az=87.0

NEIC 01 21:09:44.22:72N:121.62E, h18km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=1.61; Mss=0.19; Mss=1.80; Mss=0.71; Mss=0.60; Mss=0.32; Fault plane solution: M1.98000x10^17 NP1: phi=175.00000, lambda=61.00000, lambda=58.00000. NP2: phi=35.00000, lambda=115.00000. Principal axes: T 1.9093, Plg68.0000, Azm357.0000; N 0.1264, Plg21.0000, Azm201.0000; P -2.0356, Plg8.0000, Azm108.0000.

NEIC 01 21:09:48.22:80N:121.59E, h26km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=1.90; Mss=0.19; Mss=2.09; Mss=0.88; Mss=0.87; Mss=0.49; Fault plane solution: M2.40000x10^17 NP1: phi=178.00000, lambda=39.00000, lambda=58.00000. NP2: phi=37.00000, lambda=58.00000, lambda=113.00000. Principal axes: T 2.2748, Plg68.0000, Azm356.0000; N 0.2416, Plg20.0000, Azm205.0000; P -2.5164, Plg10.0000, Azm11.0000.

ISC 01 21:09:41.8:0.5, 22.72N:121.66E, 0.02: h13km, 2km, h13km: pP, n1302, r174/1439, mb5.4/369, MS5.0/11, 203C-210D, Fault plane solution: NP1: phi=66.43362, lambda=35.35327, lambda=82.74852. NP2: phi=238.91678, lambda=74.7251, lambda=91.98492. Principal axes: T Plg29.7455, Azm330.5332; N Plg1.9152, Azm239.4383; P Plg60.1803, Azm146.0937; Fault plane solution: NP1: phi=133.73021, lambda=85.61178, lambda=19.81508. NP2: phi=234.94574, lambda=87.55829, lambda=144.98634. Principal axes: T Plg10.8937, Azm1.0857; N Plg15.7692, Azm256.9453; P Plg36.1050, Azm99.1547; Taiwan region

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CHY	baz=306	eS	Sn	21 10 25.0 +0.1	NTC	baz=285	Toucheng	2.13	4	↑P	Pn	21 10 17.3 +0.2	WHN	comp=N,60um,7.5s		LR	LR			
TYC	Yuchr	1.39 328	P	Pn	21 10 06.9 0.0	NTC	Toucheng			eS	Sn	21 10 43.1 -0.3	WHN	comp=E,54um,8.2s		LR	LR			
TYC	baz=340	S	Sn	21 10 24.8 -0.4	YOJ	baz=18	Yonaguni jima	2.13	35	↑P	Pn	21 10 17.4 +0.3	GOS1	comp=Z,51um,9.7s	11.28	20	Pn	21 12 26.6 +3.9		
WJS	Zhushan	1.39 322	↑P	Pb	21 10 07.7 0.0	YOJ	baz=48			S	Sn	21 10 42.1 -1.3	HALB	Hallimjungang-SNR=8.1	11.39	20	P	Pn	21 12 28.2 +4.0	
WJS	baz=339	eS	Sn	21 10 25.2 0.0	YOJ	Yonaguni jima	2.13	35	P	S	Pn	21 10 17.4 +0.3	KSJUU	Jeju SNR=17	11.50	21	P	Pn	21 12 30.1 +4.2	
CHGB	Renai	1.41 341	↑P	Pn	21 10 06.7 -0.7	YOJ	Yonaguni jima	2.13	35	P	Pn	21 10 17.2 +0.1	QIZ	Qiongzong	11.64	254	P	S	Pn	21 12 27.7 -0.1
CHGB	baz=356	eS	Sn	21 10 23.9 -2.0	YOJ	Yonaguni jima	2.13	35	P	Pn	21 10 17.2 +0.1	QIZ					S	LR	Sn	21 14 42.3 +4.5
WDLH	Douliu	1.41 313	↑P	Pb	21 10 08.0 0.0	YOJ	Yonaguni jima	2.13	35	P	Pn	21 10 18.1 +1.0	QIZ	comp=N,14um,19.1s		LR	LR	LR		
WDLH	baz=315	eS	Sb	21 10 26.7 +0.7	SBCB	Hsinchu	2.15	343	eP		Pn	21 10 18.8 +1.4	QIZ	comp=E,13um,13.2s		LR	LR	LR		
ICHU	Yijiu	1.43 297	↑P	Pb	21 10 07.9 -0.4	HSN	baz=345	Hsinchu	2.17	343	eP	Pb	21 10 19.2 -1.7	HUK2	Heuksan-myeon SNR=12	12.37	15	P	Pn	21 12 42.0 +4.3
ICHU	baz=298	eS	Sb	21 10 06.8 +0.4	HSN	Xindan Distri	2.23	357	↑P		Pn	21 10 19.1 +0.5	KSJD0	Jindo SNR=10.0	12.39	18	P	Pn	21 12 41.8 +3.7	
SCLT	Jiali	1.43 289	↑P	Pn	21 10 07.7 +0.2	NHDD	baz=330	Xindan Distri	2.23	357	↑P	Pn	21 10 19.1 +0.5	KOHB	KOHEUNG SNR=8.8	12.83	21	P	Pn	21 12 48.3 +4.4
SCLT	baz=290	eS	Sb	21 10 26.5 +0.1	NHDD	baz=358				eS	Sn	21 10 45.3 -0.8	BOSB	Bosong-gun SNR=11	12.94	21	P	P	21 12 51.0 -5.1	
ETL	Fush Village	1.43 358	eP	Pn	21 10 06.1 -1.4	TIPB	Shuangxi	2.24	4	P	S	Sn	21 10 19.1 +0.4	TBP	Tablilaran SNR=17	13.13	170	↑P	Pn	21 12 50.6 +2.5
ETL	baz=12	eS	Sn	21 10 24.9 -1.3	TIPB	baz=353				eP	Sn	21 10 46.2 -0.1	JNU	Nakatsuru SNR=10.0,0.3s,ba=191,slow=7.1,SNR=13	13.17	36	Pn	Pn	21 12 48.7 0.0	
NACB	Ninganchiao	1.45 357	↑P	Pn	21 10 06.1 -1.6	TATO	Taipei	2.25	356	P	Pn	21 10 19.0 +0.2	JNU	Nakatsuru SNR=17	13.17	36	Pn	Pn	21 12 48.3 -0.4	
NACB	baz=10.0	eS	Sn	21 10 24.1 -2.5	TATO	Taipei	2.25	356	↑P		Pn	21 10 19.4 +0.6	JNU	Nakatsuru SNR=10	13.17	36	Pn	Pn	21 12 49.9 +1.3	
NACB	Ninganchiao	1.45 357	↑P	Pn	21 10 06.2 -1.6	TWA	Mucha	2.25	358	↑P		Pn	21 10 45.7 -0.7	KSSCH	SUNCHEON SNR=10	13.20	20	P	Pn	21 12 54.0 +4.6
WNT	Mingjian	1.46 322	↑P	Pb	21 10 08.7 -0.1	NCUH	Zhongli	2.28	349	eP		Pn	21 10 20.3 +1.1	ENH	Enshi SNR=19	13.24	307	Pn	Pn	21 12 50.8 +1.2
WNT	baz=325	eS	Sn	21 10 27.2 +0.2	NCUH	baz=351				eS	Sn	21 10 49.0 +1.9	KSKWJ	Gwangju SNR=8.3	13.24	19	P	Pn	21 12 54.0 +4.5	
WHF	Hehuan Shan	1.46 346	eP	Pn	21 10 07.3 -1.0	NCU	National Centr	2.28	349	eP		Pn	21 10 20.3 +1.1	GWYB	Gwangyang SNR=17	13.27	22	P	P	21 12 55.0 -4.7
CHNB	Yiju	1.48 295	↑P	Pn	21 10 08.3 +0.2	NCU	baz=351			eS	Sn	21 10 48.1 +0.9	GOCB	Gochang-gun SNR=14	13.30	18	P	Pn	21 12 55.0 +4.7	
CHNB	baz=297	eS	Sn	21 10 27.3 0.0	BBP	Basco	2.29	173	eP		Pn	21 10 18.3 -1.0	KJSUE	Jeoneup SNR=14	13.53	19	P	P	21 12 58.1 -4.6	
ETLH	Kiulin Townshi	1.49 354	↑P	Pn	21 10 07.1 -1.3	TWB1	Santiao Chiao	2.29	7	eP		Pn	21 10 20.0 +0.6	JTU	Tsushima SNR=17	13.57	28	Pn	Pn	21 12 54.2 +0.1
WCS	Beigang Elemen	1.50 333	↑P	Pn	21 10 08.9 +0.5	TWB1	baz=21			eS	Sn	21 10 46.8 -0.7	NABW	Namwon SNR=17	13.61	20	P	P	21 12 59.0 -4.5	
WCS	baz=343	eS	Sn	21 10 27.4 -0.5	TAP	Taipei	2.31	356	eP		Pn	21 10 20.4 +0.8	SMKB	Mukjeong-gil SNR=15	13.61	17	P	P	21 12 59.0 -4.5	
WTK	Tuku	1.52 310	↑P	Pn	21 10 09.0 +0.5	TAP	baz=358			eP	Sn	21 10 47.8 -0.2	HAMB	Hamyang SNR=13	13.80	21	P	P	21 13 02.0 -3.7	
WTK	baz=311	eS	Sn	21 10 27.3 -1.0	NWF	Wu-fen Shan	2.34	3	P	S	Pn	21 10 21.1 +1.0	EURB	Uiryeong-eup SNR=5	13.82	23	P	P	21 13 02.0 -3.9	
FUSS	Fushou	1.57 346	P	Pn	21 10 08.9 -0.7	NWF	baz=354			eS	Sn	21 10 49.0 +0.2	KSKCH	Geochang SNR=12	13.95	22	P	P	21 13 04.4 -3.0	
FUSS	baz=348	eS	Sn	21 10 27.2 -2.8	HATJ	Hateruma jima	2.37	56	P	S	Pn	21 10 20.9 +0.4	KSGS	GUNSAN SNR=17	13.99	17	P	Pn	21 13 03.5 +3.7	
EHP	Heping Village	1.58 3	eP	Pn	21 10 09.2 -0.4	YMO1	YM01	2.41	358	eP		Pn	21 10 21.3 +0.2	TIA	Tai'an SNR=17	14.01	345	P	Pn	21 13 00.4 +0.1
EHP	baz=16	eS	Sn	21 10 27.8 -2.1	YMO1	baz=360				eS	Sn	21 10 49.9 -0.6	TIA	comp=Z,28nm,1.7s			S	pmax	pmax	
TWT	Tachien	1.59 344	eP	Pn	21 10 09.8 0.0	NTST	Danshui	2.44	355	eP		Pn	21 10 22.4 +1.0	TIA	comp=Z,1um,5.1s			LR	LR	
TWT	baz=346	eS	Sn	21 10 28.1 -2.2	NTST	baz=9.0				eS	Sb	21 10 53.8 -1.7	TIA	comp=N,10um,9.9s			LR	LR		
TDCB	Techi	1.59 343	↑P	Pn	21 10 09.6 -0.3	ANP	Anpu	2.46	357	eP		Pn	21 10 23.6 +1.8	TIA	comp=E,10um,7.8s			LR	LR	
TDCB	baz=345	eS	Sn	21 10 27.6 -2.8	ANP	baz=359				eS	Sn	21 10 50.6 -1.1	KSJEO	Jeonju SNR=17	14.05	19	P	Pn	21 13 04.0 +3.4	
WSF	Szhu	1.61 305	↑P	Pn	21 10 10.0 +0.1	IRIF	Iriomote-Funau	2.48	49	P	S	Pn	21 10 22.5 +0.5	MIYA	Miryang-si SNR=8.9	14.14	24	P	P	21 13 06.1 -3.4
WSF	baz=307	eS	Sn	21 10 31.1 +0.5	JKRS	Kuro-shima	2.63	55	P	S	Pn	21 10 24.7 +0.7	GYA	Guiyang	14.14	288	↑P	S	Pn	21 13 02.6 +0.5
WRL	Guollerin Hig	1.67 315	eP	Pn	21 10 10.9 +0.1	JKRS	Ishigaki jima	2.80	54	P	S	Pn	21 10 55.8 0.0	GYA				S	pmax	pmax
WRL	baz=317	eS	Sn	21 10 32.4 +0.4	JJU	Pengchayiu	2.92	7	eP		Pn	21 10 26.4 +0.1	GYA	comp=Z,61nm,1.2s			S	pmax	pmax	
WHP	Taichung City	1.68 337	eP	Pb	21 10 12.0 -0.7	JISG	Ishigakijimahi	3.06	52	P	S	Pn	21 10 29.6 -0.2	GYA	comp=Z,370nm,3.5s			LR	LR	
WHP	baz=346	eS	Sn	21 10 31.8 -0.7	PTMZ	Houxiangcun	3.28	315	eP		Pn	21 10 03.7 -2.6	GYA	comp=N,13um,9.3s			LR	LR		
TCU	Taichung	1.68 328	↑P	Pb	21 10 12.5 -0.1	JTJ	Tarama	3.38	55	P	S	Pn	21 10 35.0 +0.7	GYA	comp=E,13um,11.3s			LR	LR	
TCU	baz=330	eS	Sb	21 10 33.4 -0.4	JTJ	Chin-men Tao	3.47	301	P	S	Pn	21 11 13.4 -0.8	GYA	comp=Z,17um,11.3s			LR	LR		
WCHH	Zhanghua	1.69 323	eP	Pb	21 10 12.1 -0.7	OZH	Quanzhou	3.58	309	↑P	Pn	21 10 34.5 -1.1	PORA	Boryeong SNR=13	14.21	16	P	P	21 13 07.0 -3.2	
WCHH	baz=339	eS	Sn	21 10 33.0 +0.4	OZH	comp=N,6um,1.0s				Smax	Smax	21 10 37.8 +0.8	KSGB	Gogryobido SNR=8.1	14.26	13	P	P	21 13 07.9 -2.8	
ENA	Nanau	1.70 2	P	Pn	21 10 10.2 -1.1	OZH	comp=E,5um,1.2s			LR	LR	21 11 17.4 -1.8	KSGIC	Gimchen SNR=13	14.42	21	P	P	21 13 09.6 -3.1	
ENA	baz=15	eS	Sn	21 10 30.6 -2.2	OZH	comp=N,42um,10.9s				LR	LR		KSGIC	Gimchen SNR=8.1	14.44	21	P	P	21 13 09.4 -3.3	
NNSB	Datong	1.72 351	↑P	Pn	21 10 10.6 -0.9	OZH	comp=E,22um,9.4s			LR	LR		KSDAG	Daegu SNR=14	14.44	24	P	Pn	21 13 09.0 +3.0	
EWUT	Wuta	1.72 3	↑P	Pn	21 10 10.8 -0.6	MATB	Ma-tsu	3.76	336	↑P	Pn	21 10 38.8 -0.7	KSDAG	Daegu SNR=7.3	14.44	24	P	Pn	21 13 10.0 -2.9	
EWUT	baz=17	eS	Sn	21 10 30.6 -2.6	ZPLA	Ao Xicun	3.79	289	↑P	Pn	21 10 39.5 -0.5	KSUSN	Ulsan SNR=13	14.47	25	P	Pn	21 13 09.1 +2.7		
NNS	Nan Shan	1.73 351	↑P	Pn	21 10 11.0 -0.8	JIRB	Irabujima	3.84	56	P	S	Pn	21 10 40.7 +0.1	KSUSN	Ulsan SNR=15	14.47	25	P	P	21 13 11.7 -1.4
NNS	baz=6.0	eS	Pb	21 10 14.2 -0.7	JIRB	baz=298				S	Pn	21 11 24.2 -1.4	TJN	Taejon	14.48	19cP	Pn	Pn	21 13 08.4 +1.9	
TWQ1	Miyako jima3	3.91 58	P	Sn	21 10 37.1 -0.5	JMJ2	Miyako jima3	3.91	58	P	S	Pn	21 10 42.2 +0.6	TJN	Taejon	14.48	19	Pn	Pn	21 13 09.0 +2.5
WDJ	Dajia District	1.87 330	↑P	Pb	21 10 14.8 -1.0	JMK	Ikenajima	3.92	57	P	S	Pn	21 11 27.1 -0.4	KOJ2	Gongju-si SNR=13	14.50	18	P	Pn	21 13 11.0 -2.5
WDJ	baz=332	eS	Sb	21 10 39.0 -0.1	JMK	Gusukube	3.98	59	P	S	Pn	21 10 42.4 +0.3	KOJ2	Gongju-si SNR=13	14.50	18	P	Pn	21 13 10.0 +3.2	
NDY	Datong Townshi	1.88 356	eP	Pn	21 10 13.2 -0.5	JOGS	Yeshan	4.13	325	eP		Pn	21 11 28.4 +0.1	KSCPR	CHUPUNGYEONG SNR=28	14.52	21	P	Pn	21 13 10.7 -3.1
NSY	Sanyu	1.88 334	↑P	Pb	21 10 15.1 -0.9	MHZQ	Jianjiangzhen	4.19	336	eP		Pn	21 10 43.3 +0.7	OKCB	Cheongsan-myeo SNR=5	14.58	20	P	Pn	21 13 11.0 +3.1
NSY	baz=336	S	Sb	21 10 39.8 +0.4	XPSS	Dashiqi	4.40	343	eP		Pn	21 11 29.8 +0.6	KSSES	Seosan SNR=43	14.62	15	P	Pn	21 13 12.0 -2.8	
TWC	Suao	1.89 5																		

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FRU1	SNR=59	Bishkek	43.69 309	P	P	21 17 46.5 -0.1
FRU1	comp=Z,87nm,1.0s	Bishkek	43.69 309	P	I	21 17 46.5 -0.1
FRU1	comp=Z,87nm,1.0s	Bishkek	43.69 309	I	I	21 17 46.5 -0.1
NIL	Nilore	43.69 295	P	P	21 17 46.5 -0.3	
NIL	comp=Z,70nm,1.0s	Nilore	43.69 295	P	P	21 17 46.5 -0.3
NIL	comp=Z,70nm,1.0s	Nilore	43.69 295	I	I	21 17 46.5 -0.3
NIL	comp=Z,70nm,1.0s	Nilore	43.69 295	P	P	21 17 47.0 +0.3
AAK	Ala-Archa	43.75 308	I	P	21 17 48.1 +0.8	
AAK	Ala-Archa	43.75 308	eP	P	21 17 48.2 +1.0	
AAK	Ala-Archa	43.75 308	P	P	21 17 46.5 -0.7	
AAK	Ala-Archa	43.75 308	I	I	21 17 46.5 -0.7	
AAK	Ala-Archa	43.75 308	P	P	21 17 47.9 +0.7	
SGDS	Sogindy	43.82 310	I	P	21 17 46.9 -0.8	
SGDS	Sogindy	43.82 310	eP	P	21 17 47.9 +0.2	
USP	Ospenovka	43.88 309	P	P	21 17 48.6 +0.5	
WB0	Warramunga Arr	44.02 163	P	P	21 17 47.2 -2.1	
PSA00	Pilbara Seismi	44.06 182	P	P	21 17 47.5 -2.1	
WRAB	Tennant Creek	44.17 163	P	P	21 17 47.9 -2.7	
WRAB	Tennant Creek	44.17 163	P	P	21 17 47.9 -2.7	
WRAB	Tennant Creek	44.17 163	P	P	21 17 49.3 -1.2	
WRA	Warramunga Arr	44.17 163	P	P	21 17 48.9 -1.8	
WRA	Warramunga Arr	44.17 163	P	P	21 17 47.0 -3.6	
WBS2	Warramunga Arr	44.18 163	P	P	21 17 47.8 -2.9	
AML	Almayashu	44.23 308	P	P	21 17 52.8 +1.4	
AML	Almayashu	44.23 308	I	P	21 17 52.5 +1.1	
WR0	Warramunga Arr	44.25 163	P	P	21 17 49.0 -2.1	
EKS2	Erkin-Say	44.27 308	P	P	21 17 52.4 +1.0	
BTL5	Baital	44.59 312	I	P	21 17 53.5 -0.3	
BTL5	Baital	44.59 312	I	P	21 17 53.5 -0.3	
BTL5	Baital	44.59 312	I	P	21 17 53.4 -0.3	
POO	Poono	44.80 274	eP	P	21 17 55.9 +0.1	
SEY	Seymchan	45.20 219	P	P	21 17 58.3 0.0	
SEY	comp=Z,26nm,0.8s,baz=229,slow=6.2,SNR=50	SEY	45.20 219	P	P	21 39 22.1
DRK	Karamyk	45.26 304	I	I	21 17 58.3 -1.3	
DRK	comp=Z,1um,18.2s,baz=228,slow=39	DRK	45.26 304	I	I	21 18 01.7
GOA	Goa	45.62 270	eP	P	21 18 03.9 +1.6	
GIRL	Giralia	45.67 190	P	P	21 18 02.5 +0.1	
BTK	Batken	46.08 304	P	P	21 18 04.0 -1.8	
BTK	comp=Z,86nm,1.3s	Batken	46.08 304	P	P	21 18 04.0 -1.8
BTK	Batken	46.08 304	P	P	21 18 04.0 -1.8	
DZA	Taraz	46.09 308	eP	P	21 18 04.7 -1.0	
DZA	Taraz	46.09 308	eP	P	21 18 04.6 -1.0	
MTSU	Mount Surprise	46.25 150	P	P	21 18 08.7 +1.5	
GAR	Garm	46.36 303	P	P	21 18 06.7 -1.3	
QIS	Mount Isa	46.44 157	P	P	21 18 08.2 -0.4	
KK31	Karatay Array	46.71 308	P	P	21 18 09.2 -1.4	
KK31	Karatay Array	46.71 308	P	P	21 18 09.2 -1.4	
KKAR	Karatay Array	46.71 308	P	P	21 18 09.3 -1.3	
KKAR	Karatay Array	46.71 308	P	P	21 18 09.3 -1.3	
KKAR	Karatay Array	46.71 308	P	P	21 18 09.3 -1.3	
KKAR	Karatay Array	46.71 308	P	P	21 18 10.1 -0.5	
BRZ5	Berezni	46.81 318	I	P	21 18 10.9 -0.4	
BRZ5	Berezni	46.81 318	I	P	21 18 10.9 -0.4	
BRZ5	Berezni	46.81 318	I	P	21 18 10.8 -0.4	
KBL	Kabul	47.20 297	P	P	21 18 14.4 -0.3	
KBL	Kabul	47.20 297	P	P	21 18 14.4 -0.3	
KBL	Kabul	47.20 297	P	P	21 18 15.7 +1.0	
KBL	Kabul	47.20 297	P	P	21 18 14.4 -0.3	
CHGR	Chuyangaron	47.24 302	P	P	21 18 11.8 -3.0	
AS31	Alice Springs	47.62 165	P	P	21 18 16.9 -0.9	
ASAR	Alice Springs	47.62 165	P	P	21 18 16.6 -1.2	
ASAR	comp=Z,2.8nm,0.6s,baz=343,slow=6.9,SNR=27	ASAR	47.62 165	P	P	21 40 14.6
ASAR	comp=Z,381nm,19.2s,baz=5.5,slow=38	ASAR	47.62 165	P	P	21 18 16.9 -0.9
ASAR	Alice Springs	47.62 165	P	P	21 18 16.9 -0.9	
BHUJ	Bhuj	47.66 281	eP	P	21 18 19.8 +1.6	
WRKA	Warakurna	47.91 172	P	P	21 18 19.2 -0.8	
CTAO	Charters Tower	48.85 149	P	P	21 18 28.2 +0.8	
CTAO	Charters Tower	48.85 149	P	P	21 18 28.2 +0.8	
CTAO	Charters Tower	48.85 149	P	P	21 18 35.4	
CTAO	Charters Tower	48.85 149	P	P	21 18 28.2 +0.8	
TIXI	Tiksi	49.12 3	P	P	21 18 27.0 -1.8	
TIXI	Tiksi	49.12 3	P	P	21 18 26.8 -2.0	
BRVK	Borovoye	49.15 321	P	P	21 18 29.2 -0.1	
BRVK	Borovoye	49.15 321	P	P	21 18 29.2 -0.1	
BRVK	Borovoye	49.15 321	P	P	21 18 29.2 -0.1	
BRVK	Borovoye	49.15 321	P	P	21 18 29.2 -0.1	
MEEK	Meekehatharra	49.16 164	P	P	21 18 28.4 -1.2	
NR1K	Noril'sk	50.92 345	P	P	21 18 41.0 -1.5	
NR1K	Noril'sk	50.92 345	P	P	21 18 41.0 -1.5	
NR1K	Noril'sk	50.92 345	P	P	21 18 40.4 -2.1	
NR1K	Noril'sk	50.92 345	P	P	21 18 39.6 -2.8	
NR1K	Noril'sk	50.92 345	P	P	21 18 48.7	
MORW	Morawa	51.77 186	I	I	21 18 47.5 -1.8	
MORW	Morawa	51.77 186	I	I	21 19 11.6	
OOD	Oodnadatta	52.02 164	P	P	21 18 50.9 -0.2	
HRA	Herat	52.82 297	P	P	21 18 55.0 -2.4	
INKA	Innaminka	53.45 159	P	P	21 19 03.1 +1.4	
FORT	Forrest	53.55 173	P	P	21 19 00.3 -2.1	
FORT	Forrest	53.55 173	P	P	21 19 08.7	
QLP	Quilpie	53.66 155	P	P	21 19 03.6 +0.3	
MULG	Mulgathing	54.03 167	P	P	21 19 06.3 +0.4	
ABKAR	Akbulak array	54.78 315	P	P	21 19 11.0 -0.3	
ABKAR	Akbulak array	54.78 315	P	P	21 19 10.8 -0.5	
LCRK	Leigh Creek	55.20 163	P	P	21 19 14.7 +0.2	
SVE	Sverdlovsk	55.48 324	I	P	21 19 15.9 -0.3	
SVE	Sverdlovsk	55.48 324	I	P	21 27 03.5 +2.6	
SVE	Sverdlovsk	55.48 324	I	P	21 19 15.9 -0.3	
SVE	Sverdlovsk	55.48 324	I	P	21 19 15.9 -0.3	
NWAO	Narrogin (SRO)	55.50 185	I	I	21 19 16.3	
RM51	Roma	55.51 150	P	P	21 19 18.0 +1.2	
GEYT	Alibeck	55.92 301	P	P	21 19 19.8 0.0	
GEYT	Alibeck	55.92 301	P	P	21 19 19.8 0.0	

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GYA0B	ALIBECK ARRAY	55.92 301	P	P	21 19 17.1 -2.7	
GYA0B	comp=Z,61nm,0.9s	GYA0B	55.92 301	P	P	21 19 22.3
ARU	Arti	56.54 324	eP	P	21 19 22.1 -1.7	
ARU	Arti	56.54 324	eP	P	21 21 26.6	
ARU	Arti	56.54 324	eP	P	21 27 14.6 -0.4	
ARU	comp=Z,125nm,0.8s	ARU	56.54 324	P	P	21 19 21.6 -2.2
ARU	Arti	56.54 324	P	P	21 19 21.6 -2.2	
ARU	Arti	56.54 324	P	P	21 19 21.6 -2.2	
ARU	Arti	56.54 324	P	P	21 19 21.6 -2.2	
BB00	Bucklebo	56.91 166	P	P	21 19 25.1 -1.6	
BB00	Bucklebo	56.91 166	P	P	21 19 33.2 +1.0	
BB00	Bucklebo	56.91 166	P	P	21 19 26.5 -0.1	
BB00	Bucklebo	56.91 166	P	P	21 19 26.5 -0.1	
JLN	Jalan Bani Buh	57.15 282	P	P	21 19 31.0 +2.3	
JLN	Jalan Bani Buh	57.15 282	P	P	21 19 31.0 +2.3	
WBK	Wadi Bani Khal	57.44 283	P	P	21 19 33.0 +2.2	
WBK	Wadi Bani Khal	57.44 283	P	P	21 19 33.0 +2.2	
STKA	Stephens Creek	57.55 160	P	P	21 19 31.4 +0.2	
STKA	Stephens Creek	57.55 160	P	P	21 19 31.8 +0.6	
STKA	Stephens Creek	57.55 160	P	P	21 19 31.8 +0.6	
STKA	Stephens Creek	57.55 160	P	P	21 19 32.2 +1.0	
WSAR	Wadi Sarin	57.60 284	P	P	21 19 33.8 +1.9	
BIDO	Bidbid	57.99 284	P	P	21 19 37.0 +2.4	
BIDO	Bidbid	57.99 284	P	P	21 19 37.0 +2.4	
SMDO	Samad	58.16 284	P	P	21 19 38.0 +2.0	
SMDO	Samad	58.16 284	P	P	21 19 38.0 +2.0	
JMDO	Jabal Madar	58.27 283	P	P	21 19 38.0 +1.3	
JMDO	Jabal Madar	58.27 283	P	P	21 19 38.0 +1.3	
CM5A	Cobar Meteorol	58.66 156	P	P	21 19 39.6 +0.6	
CM5A	Cobar Meteorol	58.66 156	P	P	21 19 39.6 +0.6	
HOQ	Hogain	58.71 285	P	P	21 19 41.0 +1.4	
HOQ	Hogain	58.71 285	P	P	21 19 41.0 +1.4	
HOQ	Hogain	58.71 285	P	P	21 19 41.0 +1.4	
MHTO	MHTO	58.73 281	P	P	21 19 42.0 +2.2	
MHTO	MHTO	58.73 281	P	P	21 19 42.0 +2.2	
MHTO	MHTO	58.73 281	P	P	21 19 42.0 +2.2	
BSY	Bisy	59.00 284	P	P	21 19 43.0 +1.3	
BSY	Bisy	59.00 284	P	P	21 19 43.0 +1.3	
BSY	Bisy	59.00 284	P	P	21 19 43.0 +1.3	
BANOM	Banah	59.10 287	P	P	21 19 43.0 +0.7	
SHME	Shamm	59.21 288	P	P	21 19 43.6 +0.6	
SOHO	SOHO	59.27 285	I	P	21 19 43.1 -0.5	
SOHO	SOHO	59.27 285	I	P	21 19 43.1 -0.5	
ESMA	Esma-Masafi	59.34 287	P	P	21 19 45.6 +1.6	
UOSS	Minazif	59.39 286	I	I	21 49 05.4	
UOSS	Minazif	59.39 286	I	I	21 49 05.4	
ARQ	Araqi	59.47 284	P	P	21 19 47.1 +2.2	
ARQ	Araqi	59.47 284	P	P	21 19 47.1 +2.2	
ARQ	Araqi	59.47 284	P	P	21 19 47.1 +2.2	
HATD	Hatta, Dubai	59.48 286	I	P	21 19 45.2 +0.2	
HATD	Hatta, Dubai	59.48 286	I	P	21 19 45.2 +0.2	
HATD	Hatta, Dubai	59.48 286	I	P	21 19 47.0 +2.0	
HATD	Hatta, Dubai	59.48 286	I	P	21 19 47.0 +2.0	
ASHO	Ashtiyah	59.58 286	I	P	21 19 46.0 +0.3	
ASHO	Ashtiyah	59.58 286	I	P	21 19 46.0 +0.3	
ASHO	Ashtiyah	59.58 286	I	P	21 19 46.0 +0.3	
ASHO	Ashtiyah	59.58 286	I	P	21 19 46.0 +0.3	
NAZ	Nazwa, Dubai	59.86 287	P	P	21 19 48.4 +0.8	
NAZ	Nazwa, Dubai	59.86 287	P	P	21 19 49.0 +1.4	
NAZ	Nazwa, Dubai	59.86 287	P	P	21 19 49.0 +1.4	
NAZ	Nazwa, Dubai	59.86 287	P	P	21 19 49.0 +1.4	
NIKH	Nikolski High	59.89 41	P	P	21 19 47.9 +0.6	
NIKH	Nikolski High	59.89 41	P	P	21 19 47.9 +0.6	
ALNE	Al Ain	59.99 285	I	P	21 19 49.4 +0.9	
ALNE	Al Ain	59.99 285	I	P	21 19 49.4 +0.9	
ALNE	Al Ain	59.99 285	I	P	21 19 49.4 +0.9	
ALNE	Al Ain	59.99 285	I	P	21 19 49.4 +0.9	

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NOA	baz=59,slow=5.6	NORSAR Array B	79.72 332	P	P	21 21 47.4	-1.9
NOA	comp=Z,1.8nm,0.5s,ba=83,slow=6.3,SNR=26			PP	PP	21 21 49.8	0.0
NOA	comp=Z,4.8nm,0.9s,ba=65,slow=8.1,SNR=6.6			LR	LR	21 58 05.6	
NC602	comp=Z,405nm,19.9s,ba=70,slow=36	NORSAR Array S	79.72 332	P	P	21 21 47.5	-1.7
WRAK	baz=296	Wrangell Island	79.75 333	P	P	21 21 49.7	+0.3
NC204	comp=Z,106nm,1.4s	NORSAR Array S	79.70 333	I Amb	I Amb	21 21 49.8	
NEEM	comp=Z,67nm,1.4s	North Greenland	79.96 358	I Amb	I Amb	21 21 49.9	-0.7
DLBC	Dease Lake		79.97 30	P	P	21 21 50.2	-0.5
RES	comp=Z,1.1nm,1.1s,ba=314,slow=3.9,SNR=6.6	Resolute Bay	80.03	P	P	21 21 49.2	-1.4
OJC	comp=Z,7.9nm,1.0s,ba=329,slow=6.2,SNR=8.8	Ojcow	80.07 320	eP	eP	21 21 51.4	0.0
OJC				SS	SS	21 37 27.7	+2.3
OJC				eP	eP	21 52.3	
NIE	comp=Z,110nm,1.3s	Niedzica	80.09 319	eP	S	21 21 52.6	+1.1
NIE				eS	S	21 55.4	-0.4
GZR		Gura Zlata	80.09 315	I Amb	I Amb	21 21 50.4	-1.3
DBG		Daneborg	80.10 350	I Amb	I Amb	21 21 49.7	-1.4
DBG						21 50.9	
DOMB	comp=Z,72nm,1.4s	Dombas	80.12 334	eP	P	21 21 49.9	-1.5
RPZ		Rata Peaks	80.14 146	P	I Amb	21 21 51.4	-0.2
RPZ						21 52.7	
LBZ	comp=Z,42nm,1.0s	Lake Benmore	80.17 147	P	I Amb	21 21 51.9	+0.1
GKP	comp=Z,44nm,1.0s	Gorka Kiasztor	80.28 324	eP	PP	21 21 51.9	-0.4
GKP				eP	PP	21 51.9	-0.4
KECS		Gorka Kiasztor	80.28 324	eP	P	21 21 51.9	-0.4
KECS		Kecevo	80.35 319	eP	P	21 21 52.9	0.0
KECS	comp=Z,22nm,1.4s					21 52.9	0.0
PUNG		Pungthina	80.41 314	I Amb	I Amb	21 52.7	-0.6
WRGLY		Wrigley	80.41 25	P	P	21 52.8	-0.1
OSL	comp=Z,302	Oslo	80.46 332	eP	P	21 21 51.7	-1.5
SIRR		Sirta	80.48 316	I Amb	I Amb	21 21 53.9	-0.4
HERR		Herculane	80.53 319	eP	P	21 21 53.0	-0.9
LANS		Liptovska Anna	80.70 319	eP	P	21 21 55.8	+1.0
LANS	comp=Z,11nm,1.3s					21 55.8	+1.0
LANS		Liptovska Anna	80.70 319	eP	P	21 21 55.8	+1.0
BSD		Bornholm Skovb	80.71 326	eP	P	21 54.6	0.0
BSD		Bornholm Skovb	80.71 326	I Amb	I Amb	21 54.6	0.0
BZS		Buzias	80.76 316	I Amb	I Amb	21 54.6	-0.6
IZAB		Izabela	80.79 319	eP	P	21 21 55.3	+0.1
VTS		Vitosh	80.84 312	I Amb	I Amb	21 21 55.1	-0.8
VTS		Vitosh	80.84 312	I Amb	I Amb	21 21 55.3	-0.5
VTS	comp=Z,59nm,1.2s					21 55.3	-0.5
VTS		Vitosh	80.84 312	P	I Amb	21 21 58.3	
AKN	comp=Z,59nm,1.2s	Aaknes	80.89 334	eP	P	21 21 56.0	+0.5
PCSZ		Piszkesteto	80.94 318	I Amb	I Amb	21 22 00.8	
PSZ	comp=Z,38nm,1.2s					21 57.45.7	
BSZH	comp=Z,860nm,21.0s	Besenyasz	80.95 317	I Amb	I Amb	21 21 55.5	-0.6
BSZH		Besenyasz	80.95 317	eP	P	21 21 55.1	-1.0
KONO		Kongsberg	81.10 332	eP	P	21 21 55.9	-0.8
SKAR		Skarstia	81.13 333	eP	P	21 21 56.7	-0.2
OKC		Ostrava-Krasne	81.20 320	eP	MLR	21 21 57.0	-0.4
OKC	comp=Z,1.1um,16.7s					22 04 10.0	
OKC		Ostrava-Krasne	81.20 320	eP	AMS	21 21 57.0	-0.4
OKC	comp=Z,1.1um,16.7s					22 04 10.0	
VYHS		Vyhne	81.35 319	eP	P	21 21 57.9	-0.3
VYHS	comp=Z,60nm,1.3s					21 57.9	-0.3
VYHS		Vyhne	81.35 319	eP	P	21 21 57.9	-0.3
BOVS		Bovan	81.48 314	I Amb	I Amb	21 21 57.5	-1.5
KOLL		Kolcaco	81.58 319	eP	P	21 21 59.9	+0.5
MORC		Moravsky Berou	81.58 321	eP	P	21 21 59.4	-0.1
MORC		Moravsky Berou	81.58 321	eP	P	21 21 58.6	-0.9
VAY		Valandovo	81.80 311	I Amb	I Amb	21 21 59.5	-1.3
KSP		Kisaz	81.84 322	eP	PP	21 22 00.9	+0.1
KSP						21 25 09.1	+1.4
KSP						21 32 14.6	+0.6
JAVC		Velka Javorina	81.90 320	eP	S	21 22 01.9	+0.7
KRLC		Kraliky	81.90 321	eP	P	21 22 00.3	-0.9
KRLC	comp=Z,1.1um,13.2s					21 22 08.8	
KRLC		Kraliky	81.90 321	eP	P	21 22 00.3	-0.9
KRLC	comp=Z,1.1um,13.2s					21 22 08.8	
STP		Stip	81.92 312	I Amb	I Amb	21 21 59.5	-1.8
SRO		Srobarova	81.95 319	eP	P	21 22 01.4	0.0
SRO		Srobarova	81.95 319	eP	P	21 22 01.4	0.0
OSTC		Ostas	82.02 322	eP	P	21 22 01.0	-0.7
OSTC	comp=Z,2.1um,16.3s					21 22 06.7	
DPC	comp=Z,2.1um,16.3s	Dobruska-Polom	82.04 321	eP	MLR	21 22 01.2	-0.7
DPC	comp=Z,1.1um,17.5s					21 22 01.2	-0.7
DPC		Dobruska-Polom	82.04 321	eP	AMS	21 22 01.2	-0.7
DPC	comp=Z,1.1um,17.5s					21 22 01.2	-0.7
FRGS		Fruska Gora	82.11 316	I Amb	I Amb	21 22 01.3	-1.1
UPC		Upice	82.15 322	eP	MLR	21 22 01.9	-0.5
UPC	comp=Z,2.1um,14.2s					21 22 01.9	-0.5
UPC		Upice	82.15 322	eP	AMS	21 22 01.9	-0.5
UPC	comp=Z,2.1um,14.2s					21 22 01.9	-0.5
SMOL		Smolenice	82.19 319	eP	P	21 22 02.4	-0.3
SMOL	comp=Z,35nm,1.7s					21 22 02.4	-0.3
SMOL		Smolenice	82.19 319	eP	P	21 22 02.4	-0.3
HOMB		Homborsund	82.29 331	eP	P	21 22 01.4	-1.5
SKO		Skopje	82.32 312	I Amb	I Amb	21 22 02.8	-0.7
MODS		Modra-Piesok	82.34 319	eP	P	21 22 02.2	-1.3
MODS	comp=Z,135nm,2.2s					21 22 02.2	-1.3
VRAC		Vranov	82.34 320	I Amb	I Amb	21 22 02.8	-0.6
VRAC		Vranov	82.34 320	I Amb	I Amb	21 22 03.1	-0.4
MORH		Mirgy, Hungary	82.42 317	I Amb	I Amb	21 22 03.6	-0.3
MORH		Mirgy, Hungary	82.42 317	I Amb	I Amb	21 22 02.6	-1.3
RUE		Ruedsdorf	82.50 324	eP	P	21 22 04.1	-0.1
KRUC		Kranj	82.57 320	eP	P	21 22 04.1	-0.5
FRVA		Florina	82.84 311	I Amb	I Amb	21 22 05.1	
MUD	comp=Z,45nm,1.4s	Monsted Ugrnd	82.91 329	eP	P	21 22 04.8	-1.5
PVCC		Panska Ves	82.97 322	eP	MLR	21 22 07.0	+0.3
PVCC	comp=Z,2.1um,16.0s					21 22 07.0	+0.3
PVCC		Panska Ves	82.97 322	eP	AMS	21 22 07.0	+0.3
PVCC	comp=Z,2.1um,16.0s					21 22 07.0	+0.3
TREC		Trest	83.00 321	eP	MLR	21 22 06.3	-0.6
TREC	comp=Z,1.1um,13.4s					21 22 06.3	-0.6
TREC		Trest	83.00 321	eP	AMS	21 22 06.3	-0.6
TREC	comp=Z,1.1um,13.4s					21 22 06.3	-0.6
BRG		Berggiesshubel	83.16 323	eP	P	21 22 07.1	-0.6
BRG	comp=Z,56nm,1.6s					21 22 06.9	-0.8
BRG		Berggiesshubel	83.16 323	eP	P	21 22 06.9	-0.8
PRU		Pruhonice	83.23 322	eP	MLR	21 22 07.5	-0.5
PRU	comp=Z,1.1um,15.4s					21 22 07.5	-0.5
PRU		Pruhonice	83.23 322	eP	AMS	21 22 07.5	-0.5
PRU	comp=Z,1.1um,15.4s					21 22 07.5	-0.5
PRA		Prague	83.25 322	eP	P	21 22 08.5	+0.4

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PRA	comp=Z,2.1um,11.6s			MLR	MLR		
PRA		Prague	83.25 322	eP	AMS	21 22 08.5	+0.4
PRA	comp=Z,2.1um,11.6s					22 04 00.0	
KBN	comp=Z,2.1um,11.6s	Korca	83.31 311	I Amb	I Amb	21 22 10.1	
CONA	comp=Z,32nm,1.0s	Conrad Observa	83.39 319	eP	P	21 22 08.6	-0.4
CONA	comp=Z,60nm,1.7s,SNR=18					21 25 22.9	+2.4
FBE	comp=Z,21nm,1.3s	Freiberg	83.47 323	eP	P	21 22 08.9	-0.4
CLL	comp=Z,27nm,1.1s,ba=60,slow=5.0	Colim	83.48 323	I Amb	I Amb	21 22 08.0	-1.3
CLL						21 25 20.0	
CLL	comp=Z,65nm,1.5s					21 22 08.0	-1.3
CLL	comp=Z,65nm,1.5s					21 22 13.0	+0.4
CLL						21 25 16.6	
CLL						21 25 15.0	
CLL						21 25 20.0	-1.0
CLL						21 32 30.0	-0.6
CLL						21 33 36.0	
CLL						21 37 48.0	-7.5
CLL						21 38 42.0	-7.5
CLL						21 42 00.0	
CLL						21 44 00.0	
CLL						21 22 09.8	
CLL	comp=Z,63nm,1.4s	Colim	83.48 323	I Amb	I Amb	21 22 08.6	-0.7
CLL	comp=Z,63nm,1.4s	Colim	83.48 323	I Amb	I Amb	21 22 08.6	-0.7
PDG	comp=Z,25nm,1.1s	Podgorica	83.61 313	I Amb	I Amb	21 22 21.4	
BSEG	comp=Z,60,slow=5.0	Bad Segeberg	83.63 326	eP	P	21 22 09.7	-0.3
TIR	comp=Z,60,slow=5.0	Tirane	83.65 312	I Amb	I Amb	21 22 09.5	-0.8
KOGS	comp=Z,345nm,2.1s	Kog	83.81 318	eP	P	21 22 09.9	-1.2
ARSA	comp=Z,31nm,1.8s,SNR=7.2	Arzberg	83.90 319	eP	P	21 22 10.7	-0.9
ARSA	comp=Z,10.0nm,1.6s	Arzberg	83.90 319	eP	PP	21 25 25.4	+0.8
CKRC	comp=Z,10.0nm,1.6s	Cesky Krumlov	83.90 321	eP	P	21 22 10.8	-0.8
CKRC						21 22 15.6	
FLTG	comp=Z,60,slow=5.0	Flechtingen	83.94 325	eP	x	21 22 11.0	-0.6
SUMG		Summit	83.99 354	I Amb	I Amb	21 22 11.0	-1.0
SUMG						21 22 12.8	
YKA	comp=Z,48nm,1.2s	Yellowknife A	84.14 23	P	P	21 22 11.8	-0.7
YKA	comp=Z,8.8nm,0.8s,ba=325,slow=3.9,SNR=19					2	

ESDC	Sonsec Array	99.84	320	PP	PP	21 27 27.1	-3.3
ESDC	comp=Z,4.4nm,1.0s,baz=54,slow=6.3,SNR=5.2				LR	22 13 38.9	
MAW	comp=Z,342nm,18.7s,baz=340,slow=38				LR	22 04 33.0	
ULM	Lac du Bonnet	100.11	23	PP	PP	21 27 35.0	+3.2
PFO	Pinoyon Flats	101.26	46	PP	PP	21 27 45.7	+4.2
VNDA	Vanda	102.79	172	P	Pdif	21 23 38.2	-0.2
U32A	Winter Ranch	109.78	34	IAMS_20	IAMS_20	22 13 07.4	
TORD	Tordi Ar. Bea	111.25	295	PKIKP	PKIKP	21 28 15.6	-0.8
TORD	comp=Z,2.2nm,1.1s,baz=37,slow=1.4,SNR=6.1				PP	21 28 52.7	-2.9
TORD	comp=Z,2.6nm,0.9s,baz=52,slow=4.6,SNR=6.6				PKPKPbc	21 39 12.2	+0.8
TXAR	Lajitas Array	112.31	42	PKIKP	PKIKP	21 28 17.4	-0.8
TXAR	comp=Z,0.6nm,0.6s,baz=215,slow=1.0,SNR=6.0				PP	21 29 01.4	-1.1
DBIC	Dimbokoro	120.10	293	PKP	PKPdf	21 28 32.5	-0.9
SNAA	Sanae	121.99	198	PKPdf	PKPdf	21 28 33.0	-2.3
VNA2	Neumayer-Watz	124.03	198	PKPdf	PKPdf	21 28 36.8	-1.6
VNA1	Neumayer-Stat	124.03	198	PKPdf	PKPdf	21 28 38.2	-0.9
VNA3	Neumayer Olymp	124.10	197	PKPdf	PKPdf	21 28 37.2	-2.1
HATO	Hato, Curacao	143.78	18	IAMS_20	IAMS_20	22 36 57.6	
MOTC	Monteria, Cord	144.39	30	PKP	PKPab	21 29 13.6	-3.3
LLGC	La Loma 6 Bece	144.58	26	PKP	PKPab	21 29 15.5	-2.0
SMLC	San Martin de	145.08	28	PKP	PKPbc	21 29 17.4	-1.9
UREC	San Jos de Ur	145.35	31	PKP	PKPbc	21 29 17.4	-2.8
DBBC	Dabeiba	145.65	33	PKP	PKPdf	21 29 19.3	-1.8
ZARC	Zaragoza, Cau	145.89	27	PKP	PKPdf	21 29 19.3	-2.1
CCAC	Ocana	147.21	27	PKP	PKPdf	21 29 22.1	-0.3
SDV	Santo Domingo	146.36	22	PKP	PKPbc	21 29 22.1	-0.3
SDV	Santo Domingo	146.36	22	PKP	PKPbc	21 29 20.7	-1.7
SDV	Santo Domingo	146.36	22	PKP	PKPbc	21 29 20.8	-1.6
HELLC	Santa Helena	146.70	32	PKP	PKPdf	21 29 21.2	-2.0
PCRV	Puerto La Cruz	146.73	11	PKP	PKPbc	21 29 22.0	-0.8
CBCC	Ciudad Bolivar	146.74	33	PKP	PKPbc	21 29 21.2	-1.8
BRRC	Barraca	146.74	33	PKP	PKPbc	21 29 23.1	+0.3
PAMC	Pamplona, Colo	146.98	27	PKP	PKPbc	21 29 23.1	-0.7
USHA	Ushuaia	147.05	169	PKP	PKPbc	21 29 22.5	+0.4
PLMC	San Jos del P	147.41	35	PKP	PKPbc	21 29 22.2	-1.9
BARC	Barichena	147.41	35	PKP	PKPbc	21 29 24.1	+0.2
NORC	Norcasia	147.57	32	PKP	PKPbc	21 29 23.1	-3.1
GUY2C	Guayana, Caldas	147.62	33	PKP	PKPbc	21 29 23.1	-1.8
SPBC	San Pablo de B	147.87	30	PKP	PKPbc	21 29 24.1	-0.8
RUSC	La Rusia	148.11	29	PKP	PKPbc	21 29 23.1	-2.6
YOTC	Yotoco, Valle	148.15	36	PKP	PKPbc	21 29 23.1	-2.2
ANIL	Santa Ana	148.22	34	PKP	PKPbc	21 29 26.9	+1.3
ROSC	El Rosal	148.46	32	PKP	PKPbc	21 29 28.1	-1.6
ROSC	El Rosal	148.46	32	PKP	PKPbc	21 29 25.0	-1.2
ORTC	Ortega, Tolima	148.80	34	PKP	PKPbc	21 29 26.0	+0.4
CHIC	Chingaz	148.93	31	PKP	PKPbc	21 29 25.0	-1.9
MARP	Paez Belalcazza	149.32	36	PKP	PKPbc	21 29 25.0	-2.4
VILC	Villavicencio,	149.40	31	PKP	PKPbc	21 29 29.8	-1.9
PCON	Cinco Dias	149.50	38	PKP	PKPbc	21 29 28.9	+0.8
SOTA	Riobanco	149.53	40	PKP	PKPbc	21 29 28.9	+0.8
PAC1	Pacto, Fiaraso	149.58	28	PKP	PKPbc	21 29 28.9	+1.9
GCUF	Volcan Galeras	149.84	40	PKP	PKPbc	21 29 28.9	+0.3
OTAV	Otavallo	149.93	43	PKP	PKPbc	21 29 28.9	+0.2
OTAV	Otavallo	149.93	43	PKP	PKPbc	21 29 28.1	-0.6
TULM	Tulcen-Chalpat	149.97	42	PKP	PKPbc	21 29 31.7	-1.9
PTGC	Puerto Gaitan,	150.04	28	PKP	PKPbc	21 29 23.1	-5.1
MDP	Montañas des	151.79	348	PKP	PKPbc	21 29 34.7	-2.6
NBPV	Pedro Velho	152.50	303	PKP	PKPbc	21 29 33.8	+1.9
TMAB	Tom-Au,PA,Br	157.46	332	PKP	PKPbc	21 29 38.9	+0.2
PTAG	Pitinga	158.08	4	PKP	PKPbc	21 29 38.9	-0.6
PTAG	comp=Z,1.2nm,0.4s,baz=299,slow=0.4,SNR=4.9				PKPab	21 30 11.0	-1.7
PTAG	Pitinga	158.08	4	PKP	PKPbc	21 30 11.2	-1.5
TBTG	Tabatatinga, AM	158.44	33	PKP	PKPbc	21 29 38.9	-1.0
PLCA	Paso Fio	159.29	153	PKP	PKPab	21 30 16.2	-1.3
CZSB	Cruzeiro do Su	159.67	45	PKP	PKPbc	21 29 40.5	-0.9
GDU01	Guandu, BA	160.07	293	PKP	PKPbc	21 29 41.0	-0.7
ITTB	Itaituba	161.58	352	PKP	PKPbc	21 29 42.6	-0.9
SMTB	Santa Maria do	162.78	321	PKP	PKPbc	21 29 43.8	-0.9
NGPB	Novo Progresso	164.15	349	PKP	PKPbc	21 29 45.0	-1.0
TRQA	Torquai	164.40	169	PKP	PKPab	21 30 39.0	-0.8
TRQA	Torquai	164.40	169	PKP	PKPab	21 30 39.0	-0.8
ETMB	Extrema	165.11	32	PKP	PKPbc	21 29 46.2	-0.6
SAML	Samuel	165.53	31	PKP	PKPbc	21 29 46.0	-0.4
PEXB	Peixe	165.75	316	PKP	PKPbc	21 29 46.9	-0.4
MAN01	Angra dos Reis	166.74	267	PKP	PKPbc	21 29 49.5	+1.6
CLDB	Colider	167.97	348	PKP	PKPbc	21 29 48.4	-0.6
BDFB	Brasilia	167.97	304	PKP	PKPbc	21 29 47.6	-1.4
BDFB	comp=Z,2.2nm,0.8s,baz=189,slow=5.4,SNR=3.6				PKPab	21 30 55.3	-1.0
BDFB	Brasilia	167.97	304	PKP	PKPab	21 30 52.8	-3.6
PARB	Paraibuna	168.28	265	PKP	PKPbc	21 29 50.4	+1.4
LPAZ	La Paz	168.77	57	PKP	PKPbc	21 29 50.5	+0.2
LPAZ	comp=Z,0.85nm,1.2s,baz=22,slow=3.3,SNR=15				PP	21 34 49.5	0.0
LPAZ	comp=Z,1.3nm,0.8s,baz=299,slow=2.2,SNR=3.9				PKPbc	21 29 47.7	-2.5
LPAZ	La Paz	168.77	57	PKP	PKPbc	21 29 47.7	-2.5
LPAZ	La Paz	168.77	57	PKP	PKPbc	21 29 50.9	+0.6
IPMB	Ipameri, GO	169.40	295	PKP	PKPbc	21 29 50.3	+0.4
VAO	Valinhos	169.51	266	PKP	PKPbc	21 29 52.2	+2.4
VILB	Vilhena	170.12	11	PKP	PKPbc	21 29 50.0	-0.4
LVC	Limon Verde	170.23	91	PKP	PKPbc	21 29 50.5	-0.1
LVC	Limon Verde	170.23	91	PKIKP	PKPbc	21 29 48.6	-2.1
LVC	Limon Verde	170.23	91	PKP	PKPbc	21 29 48.6	-2.1
ARAG	Araguaiana, MT	170.69	317	PKP	PKPbc	21 29 50.7	+0.1
BB19B	Bebedouro	170.75	278	PKP	PKPbc	21 29 53.0	+2.4
CP5B	Cacapara Do Su	171.90	284	PKP	PKPbc	21 29 52.3	+2.3
FRTB	Fartura	171.90	284	PKP	PKPbc	21 29 53.4	+2.3
PTLB	Pontes e Lacer	172.72	6	PKP	PKPbc	21 29 51.3	-0.2
SIV	San Ignacio	172.82	22	PKP	PKPbc	21 29 51.3	-0.3
ITGB	Itaqui	172.91	192	PKP	PKPbc	21 29 52.1	+0.8
PTGB	Pitanga	173.92	250	PKP	PKPbc	21 29 54.0	+2.1
AQDB	Aquidauana	176.68	312	PKP	PKPbc	21 29 48.9	-2.9

FULB	baz=328			eS	Sg	21 37 52.2	+0.2
ECBN	Changbin	0.56	348	eP	Pg	21 37 46.3	0.0
ECL	baz=359	0.60	254	eP	Pg	21 37 46.1	-1.0
EYUL	Taimali	0.63	337	eP	Pb	21 37 47.9	+0.1
YULB	Yuli	0.63	337	eP	Pb	21 37 48.0	-0.1
TWF1	baz=347	0.67	309	eP	Pg	21 37 47.1	-1.2
YULB	Lidau	0.68	337	eP	Pg	21 37 48.1	-0.3
HGSD	Ruisui	0.74	349	eP	Pb	21 37 50.4	+0.7
EAST	Anshuo	0.78	241	eP	Pg	21 37 49.0	-1.4
STYH	Taoyuan	0.84	299	eP	Pg	21 37 50.6	-1.0
STYH	Taoyuan	0.86	298	eP	Pg	21 37 50.8	-1.0
SSD	Sandimen	0.88	269	eP	Pg	21 37 52.4	+0.2
MASBT	Mashibuluo	0.89	260	eP	Pb	21 37 50.8	-1.5
SLGT	Liugui	0.89	285	eP	Pg	21 37 52.0	-0.5
SLIU	Shizi	0.91	233	eP	Pb	21 37 52.8	0.0
EGFH	Guangfu	0.91	351	eP	Pb	21 37 52.6	-0.1
YUS	Yu-Shan	0.92	321	eP	Pb	21 37 53.9	-0.2
SGST	Jiashian	0.97	289	eP	Pg	21 37 52.8	-1.0
WTP	Ta-pu	1.01	298	eP	Pb	21 37 55.4	+0.4
TPUB	Ta-pu	1.03	301	eP	Pb	21 37 54.5	-0.2
ALS	Alishan	1.03	316	eP	Pb	21 37 56.1	+0.7
CHN1	Nanshi	1.06	293	eP	Pb	21 37 55.4	+0.2
CHN4	Tsashan	1.08	303	eP	Pb	21 37 55.0	-0.6
TWK	Hsiangyung	1.12	296	eP	Pb	21 37 56.4	0.0
SSBL	Suanguang	1.17	331	eP	Pg	21 37 57.1	0.0
CHN5	Tsauling	1.17	315	eP	Pg	21 37 57.7	-0.1
TYC	Yuchr	1.31	330	eP	Pb	21 37 59.8	+0.2
CHGB	Renai	1.34	344	eP	Pb	21 37 59.7	+0.1
NACB	Ninganchiao	1.40	0	eP	Pb	21 38 00.8	-0.3

JMA 01 21:43:47.8:0.1,22:73N,121:54E,h38km,M3.3
 TAP 01 21:43:48.9,22:77N,121:56E,h14km,ML3.5,C
 ISC 01 21:43:48.2,1.0,22:75N,121:61E,0.0:0.0,0.03,h19km,3km,
 n113,o0973/159,Taiwan region

Code	Station Name	Δ°	ΔZ'	Phase ID	ISC	Time	Res
LDUT	Ludao	0.15	239	iP	ISC	21 43 53.0	+0.5
LDUT	baz=229			iS	Sg	21 43 55.8	+0.3
EDH	Donghe	0.36	308	eP	Pg	21 43 55.6	-0.2
EDH	baz=309			eS	Sg	21 44 00.5	-0.5
CHKT	Chengkung	0.41	327	iP	Pg	21 43 56.7	0.0
CHKT	baz=329			S	Sg	21 44 02.3	-0.2
TTN	Taitung	0.42	271	eP	Pg	21 43 56.8	-0.2
TTN	baz=268			eS	Sg	21 44 02.9	0.0
LONT	Longtian	0.47	289	eP	Pb	21 43 57.9	+0.1
LONT	baz=288			eS			

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like Susitna One, Ala-Archa, Sheep Creek Mo, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like Snae, Neumayer-Watz, Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like WDC, LOZE, GABE, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WISH, LCH, HAWA, E07A, ISA, BMO, E08A, LTY, MFID, ELK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LDG, MMGO, ERIC, ERC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE, FUNA, RAO, GLKZ, etc.

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

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

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

ROM 02:48:03.0.0.3. 37.15N.011.1190E.0.03 h10km, 2km, ML3.2/10, Error ellipse: s-maj=2.2km s-min=1.6km az=266.0

MA2	Magadan	81.71 344	P	P	03 15 22.4	-0.6
MA2	Magadan	81.71 344	eP	Pmax	03 15 21.3	-1.7
MA2	Magadan	81.71 344	P	P	03 15 22.2	-0.7
MA2	Magadan	81.71 344	P	IAMB	03 15 23.1	
MA2	Magadan	81.71 344	P	P	03 15 22.3	-0.7
I07A	Ize	81.71 38	IAMB	IAMB	03 15 25.6	
D04E	Lakebay	81.72 34	P	P	03 15 24.7	+1.4
BKNI	Bangkitang	81.74 273	P	P	03 15 24.7	+0.5
BKNI	Bangkitang	81.74 273	P	P	03 15 25.0	+0.8
PPSI	Pulau Pagai	81.76 270	P	P	03 15 21.9	-2.4
D03D	Eldon	81.77 34	P	P	03 15 24.9	+1.3
SPCR	Spurr Chakacha	81.81 12	P	P	03 15 22.3	-1.3
PDSI	Padang	81.90 272	P	P	03 15 23.8	-1.3
J08A	Circle Bar Ran	81.91 39	IAMB	IAMB	03 15 26.4	
GAMB	Gambell	81.92 3	P	P	03 15 24.7	+0.8
TIA	Taian	81.94 312	P	Pmax	03 15 24.7	0.0
PPI	Padang Panjang	82.10 272	P	P	03 15 25.5	-0.6
CCUT	Cedar City	82.12 46	P	P	03 15 27.1	+1.2
319A	Douglas	82.15 53	IAMB	IAMB	03 15 29.2	
D05A	Enunclaw	82.15 35	IAMB	IAMB	03 15 28.2	
L19K	White Mountain	82.22 11	IAMB	IAMB	03 15 27.6	
L19K	White Mountain	82.22 11	P	P	03 15 25.6	0.0
RC01	Rabbit Creek A	82.23 13	IAMB	IAMB	03 15 26.4	
RC01	Rabbit Creek A	82.23 13	P	P	03 15 25.2	-0.4
PSUT	Pine Spring	82.28 45	P	P	03 15 26.9	+0.3
U15A	North Rim	82.31 48	IAMB	IAMB	03 15 29.5	
PWL	Port Wells	82.34 14	IAMB	IAMB	03 15 26.7	
PWL	Port Wells	82.34 14	P	P	03 15 25.6	-0.6
SUA	Susitna One	82.35 13	IAMB	IAMB	03 15 26.7	
SUA	Susitna One	82.35 13	P	P	03 15 25.5	-0.8
HIN	Hinchinbrook I	82.37 15	IAMB	IAMB	03 15 27.0	
KAIM	Kayak Island	82.50 16	IAMB	IAMB	03 15 28.4	
KAIM	Kayak Island	82.50 16	P	P	03 15 27.1	+0.2
ELK	Elko	82.51 43	PKKPbc	PKKPbc	03 33 48.8	-1.2
ELK	Elko	82.51 43	Pmax	Pmax	03 15 28.3	+0.5
ELK	Elko	82.51 43	P	P	03 15 28.3	+0.5
F07A	Phinny Hill Vi	82.52 37	P	P	03 15 28.1	+0.7
WUAZ	Wupatki	82.52 49	P	P	03 15 29.6	+1.7
CRAG	Craig	82.60 24	P	P	03 15 28.7	+1.2
GLI	Glacier Island	82.65 15	IAMB	IAMB	03 15 28.2	
GLI	Glacier Island	82.65 15	P	P	03 15 27.1	-0.6
SKT	Skwentna	82.66 12	P	P	03 15 26.0	-1.7
L20K	Farewell Bend	82.67 11	P	P	03 15 27.2	-0.6
FID	Port Fidalgo	82.69 15	IAMB	IAMB	03 15 28.4	
EYAK	Cordova Ski Ar	82.69 15	IAMB	IAMB	03 15 28.7	
EYAK	Cordova Ski Ar	82.69 15	P	P	03 15 27.6	-0.3
A04D	Lummi Island	82.71 33	P	P	03 15 27.8	-0.4
TTA	Tatalina	82.72 10	P	P	03 15 28.2	+0.1
TTA	Tatalina	82.72 10	Pmax	Pmax	03 15 28.2	+0.1
TTA	Tatalina	82.72 10	IAMB	IAMB	03 15 28.2	+0.1
M22K	Willow	82.74 13	P	P	03 15 27.5	-0.6
B05A	Bryant	82.75 34	P	P	03 15 29.4	+1.0
PKCU	Pink Cliffs	82.79 47	IAMB	IAMB	03 15 32.5	
KNK	Knik Glacier	82.80 14	IAMB	IAMB	03 15 29.2	
KNK	Knik Glacier	82.80 14	P	P	03 15 27.9	-0.6
PMR	Palmer	82.81 13	IAMB	IAMB	03 15 29.1	
PMR	Palmer	82.81 13	P	P	03 15 28.0	-0.5
RAGM	Ragged Mountai	82.83 16	IAMB	IAMB	03 15 29.8	
HMT	Hamilton	82.89 16	IAMB	IAMB	03 15 29.9	
E07A	Sunnyside	82.95 36	IAMB	IAMB	03 15 31.4	
BGLC	Bering Glacier	82.97 17	P	P	03 15 29.6	+0.4
HAWA	Hanford	83.03 36	P	P	03 15 30.9	+1.0
SISI	Saibi	83.08 271	P	P	03 15 30.9	0.0
BERG	Berg Lake	83.09 16	IAMB	IAMB	03 15 31.1	
HPIG	High Peak	83.09 59	IAMB	IAMB	03 15 33.4	
ANM	Nome	83.13 5	P	P	03 15 30.7	+0.7
SLL	Sawmill	83.18 14	P	P	03 15 29.7	-0.7
DIV	Divide	83.19 15	IAMB	IAMB	03 15 31.2	
PMSA	Palmer Station	83.23 157	P	P	03 15 32.1	+1.5
PMSA	Palmer Station	83.23 157	P	P	03 15 31.7	+1.0
PMSA	Palmer Station	83.23 157	IAMB	IAMB	03 15 33.3	
PMSA	Palmer Station	83.23 157	eP	P	03 15 31.8	+1.1
MNSI	Mandailing Nat	83.27 273	P	P	03 15 29.6	-2.3
CUT	Chulitna	83.30 13	P	P	03 15 29.6	-1.2
CUT	Chulitna	83.30 13	P	P	03 15 30.2	-0.7
BMRM	Bremner River	83.34 16	IAMB	IAMB	03 15 32.1	
BMRM	Bremner River	83.34 16	P	P	03 15 30.9	-0.3
PPLA	Purkeypile	83.37 11	P	P	03 15 29.5	-1.9
MVU	Marysvalde	83.38 46	IAMB	IAMB	03 15 34.8	
MESA	Mesa	83.39 17	P	P	03 15 32.0	+0.3
MSU	Marysvalde	83.41 46	P	P	03 15 33.2	+0.9
SCM	Sheep Creek Mo	83.43 14	P	P	03 15 31.3	-0.3
K20K	Telida	83.45 11	IAMB	IAMB	03 15 32.6	
K20K	Telida	83.45 11	P	P	03 15 31.3	-0.3
KLU	Klutina	83.47 15	IAMB	IAMB	03 15 32.7	
KLU	Klutina	83.47 15	P	P	03 15 31.5	-0.4
W18A	Petified Fore	83.52 50	P	P	03 15 33.8	+1.0
CRQM	Crucifix	83.55 16	IAMB	IAMB	03 15 33.5	
CRQE	Crucifix	83.55 16	P	P	03 15 32.3	-0.1
WRAK	Wrangell Island	83.60 23	IAMB	IAMB	03 15 34.4	
WRAK	Wrangell Island	83.60 23	P	P	03 15 33.0	+0.6
YAH	Yahstse	83.60 17	IAMB	IAMB	03 15 34.1	
TGL	Tana Glacier	83.63 16	IAMB	IAMB	03 15 33.8	
ISLE	Juniper Island	83.63 17	IAMB	IAMB	03 15 33.8	
PNL	Peninsula	83.71 18	P	P	03 15 33.0	0.0
MAW	Mawson	83.72 200	P	P	03 15 33.7	+0.7
MAW	Mawson	83.72 200	P	P	03 15 33.5	+0.5
D08A	Wollman Farm,	83.76 36	P	P	03 15 34.4	+0.9
121A	Cookes Peak, D	83.80 53	P	P	03 15 35.8	+1.5
PCA	Pinnacle	83.80 18	IAMB	IAMB	03 15 34.6	
PINM	Pinnacle	83.80 18	P	P	03 15 33.6	+0.1
DUG	Dugway	83.81 44	P	P	03 15 34.9	+0.8
TABL	Table Mountain	83.83 17	IAMB	IAMB	03 15 35.0	
VRDI	Verde Repeater	83.86 16	IAMB	IAMB	03 15 34.9	
CAST	Castle Rocks	83.86 11	IAMB	IAMB	03 15 33.2	
CAST	Castle Rocks	83.86 11	P	P	03 15 32.0	-1.7
N25K	Chitina, Valde	83.89 15	P	P	03 15 33.9	-0.1
GRNC	Granite Creek	83.90 17	P	P	03 15 34.3	+0.1
TNA	Tin City	83.91 4	P	P	03 15 34.2	+0.4
M24K	Tolsona, Glenn	83.94 14	P	P	03 15 34.3	+0.2
GLB	Gilahina Butte	83.95 16	IAMB	IAMB	03 15 35.1	
ZAIG	Zacatecas	84.02 64	IAMB	IAMB	03 15 38.9	
MOIG	Moorley	84.06 67	IAMB	IAMB	03 15 38.1	
MCARA	McCarthy VSAT	84.10 16	IAMB	IAMB	03 15 36.1	
MCARA	McCarthy VSAT	84.10 16	P	P	03 15 34.7	-0.1
F10A	Beach Ranch, E	84.11 38	IAMB	IAMB	03 15 37.2	
LOGN	Logan Glacier	84.19 17	IAMB	IAMB	03 15 36.6	
J20K	Nowinta River	84.20 10	P	P	03 15 36.3	
J20K	Nowinta River	84.20 10	P	P	03 15 35.1	-0.1
BARN	Barnard Glacie	84.20 17	P	P	03 15 35.5	-0.1
KTH	Kantishna Hill	84.21 12	IAMB	IAMB	03 15 35.2	
CTG	Chitina Glacier	84.21 17	P	P	03 15 35.5	-0.1
CTGM	Chitina Glacier	84.21 17	IAMB	IAMB	03 15 36.7	
TRF	Thorofare Moun	84.24 12	P	P	03 15 34.8	-0.9
CHUM	Lake Minchumin	84.25 11	P	P	03 15 34.4	-1.1
SEY	Seychan	84.27 347	P	P	03 15 35.3	-0.3
B08A	Colville Reser	84.29 35	IAMB	IAMB	03 15 37.0	
GCSA	Galena City Sc	84.30 9	P	P	03 15 35.5	-0.2
HARP	HAARP	84.33 15	P	P	03 15 36.4	0.0
BJI	Beijing	84.47 315	P	P	03 15 37.5	+0.3
BJI	Beijing	84.47 315	PP	PP	03 19 05.7	+1.1
BJI	Beijing	84.47 315	SKS	S	03 25 04.4	-9.3
BJI	Beijing	84.47 315	SKKSac	S	03 25 13.7	+2.7
BJI	Beijing	84.47 315	SS	SS	03 29 02.0	-2.5
BJI	Beijing	84.47 315	SS	SS	03 31 09.3	+5.3
RND	Reindeer	84.49 13	P	Pmax	03 15 35.6	-1.2
RND	Reindeer	84.49 13	P	P	03 15 35.6	-1.2
HLHD	Hailey	84.50 41	P	P	03 15 39.0	+1.5
PSI	Prapa	84.52 275	P	P	03 15 37.7	-0.5
BPAW	Bear Paw Mtn.	84.59 11	P	P	03 15 36.1	-1.6
MCK	McKinley	84.76 12	P	Pmax	03 15 37.5	-0.6
MCK	McKinley	84.76 12	P	P	03 15 37.5	-0.6
MCK	McKinley	84.76 12	IAMB	IAMB	03 15 38.6	
MCK	McKinley	84.76 12	P	P	03 15 37.3	-0.8
SKAG	Skagway	84.83 20	IAMB	IAMB	03 15 40.7	
SKAG	Skagway	84.83 20	P	P	03 15 39.6	+1.2
PAX	Paxson	84.85 14	IAMB	IAMB	03 15 39.0	
PAX	Paxson	84.85 14	P	P	03 15 37.8	-0.8
M26K	Nabesna, AK	84.97 15	IAMB	IAMB	03 15 41.0	
M26K	Nabesna, AK	84.97 15	P	P	03 15 39.1	0.0
YUK6	Outpost Mounta	85.04 18	P	P	03 15 39.8	+0.1
TSI	Tuntungan	85.08 275	P	P	03 15 41.1	+0.3
YUK3	Moose Creek	85.12 17	P	P	03 15 40.2	+0.1
HYT	Haines Junctio	85.20 19	IAMB	IAMB	03 15 42.0	
HYT	Haines Junctio	85.20 19	P	P	03 15 40.8	+0.4
M27K	Edge Creek, AK	85.22 16	IAMB	IAMB	03 15 42.0	
M27K	Edge Creek, AK	85.22 16	P	P	03 15 40.7	+0.3
MENTK	Mentasta	85.24 15	IAMB	IAMB	03 15 41.6	
YUK4	Talbot Arm	85.28 18	P	P	03 15 41.2	+0.3
MNTX	Cornudas Mount	85.29 55	P	P	03 15 41.9	+0.6
GSI	Gunungsitoli	85.33 273	P	P	03 15 42.4	+0.4
GSI	Gunungsitoli	85.33 273	P	P	03 15 42.7	+0.7
GSI	Gunungsitoli	85.33 273	P	P	03 15 43.3	+1.3
MVCO	Mesa Verde	85.36 49	P	P	03 15 42.1	+0.2
L26K	Log Cabin Wild	85.41 15	IAMB	IAMB	03 15 42.5	
L26K	Log Cabin Wild	85.41 15	P	P	03 15 41.0	-0.2
NEW	Newport	85.45 36	P	P	03 15 42.2	+0.4
I21K	Tanana	85.49 11	IAMB	IAMB	03 15 42.3	
I21K	Tanana	85.49 11	P	P	03 15 41.0	-0.5
NEA2	Nenana	85.50 12	P	P	03 15 40.3	-1.3
BVCY	Beaver Creek	85.53 16	P	P	03 15 42.1	+0.3
MLY	Manley	85.58 11	P	IAMB	03 15 40.9	-1.1
MLY	Manley	85.58 11	P	IAMB	03 15 42.7	
MLY	Manley	85.58 11	P	P	03 15 40.7	-1.3
WRH	Wood River Hill	85.59 12	IAMB	IAMB	03 15 42.5	
TLIG	Tligna	85.62 70	IAMB	IAMB	03 15 46.3	
RIDG	Independent Ri	85.66 14	IAMB	IAMB	03 15 43.3	
RIDG	Independent Ri	85.66 14	P	P	03 15 41.8	-0.6
TX31	Lajitas Ar, Si	85.67 57	P	P	03 15 44.6	+1.3
TX32	Lajitas Ar, Si	85.67 57	IAMB	IAMB	03 15 46.5	
TXAR	Lajitas Array	85.67 57	P	P	03 15 45.3	+2.0
TXAR	Lajitas Array	85.67 57	P	P	03 17 54.5	+1.2
TXAR	Lajitas Array	85.67 57	P	P	03 33 42.1	+0.3
TXAR	Lajitas Array	85.67 57	P	P	03 15 44.7	+0.9
GYA	Guyang					

Table with columns: Station, Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like SJG, MIAR, HODGE, SLBS, W45A, HUMP, W41B, JSC, Y57A, SWET, W50A, WHAR, Y58A, W52A, W39A, CUPR, PCRV, GNAR, STVI, Y60A, TKL, LCAR, WVT, WWT, KMSC, KMSC, X58A, CLTN, GLAT, V53A, V52A, UTMT, WMOK, W57A, U40A, OKCFA, PARMO, U49A, HHAR, TUL1, TBGT, PMBO, MNTX, V55A, U38A, TZTN, T42A, CNCC, CNCC, MGMO, MSTX, MSTX, U54A, V58A, U56A, AMTX, S44A, T35A, USIN, U32A, FVM, WCI, WCI, WCI, WCI, R40A, R40A, R49A, SLM, SLM, S54A, OLIL, Q44A, 319A, 319A, 259A, R53A.

Table with columns: Station, Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like T60A, Q51A, Y22D, Y22D, Q52A, P48A, P48A, P43A, P49A, R32A, ANMO, ANMO, Q54A, KSU1, KSU1, P51A, O44A, CBN, CBN, P52A, P52A, P53A, P53A, SFIN, SFIN, CBKS, CBKS, TUC, TUC, HDIL, HDIL, T25A, ACSO, ACSO, N41A, O52A, O52A, MCWV, MCWV, N38A, O53A, O53A, O54A, O54A, N49A, N35A, N51A, KSCO, 214A, N53A, SDCO, O56A, O56A, BOAV, W18A, W18A, W18A, W18A, L42A, N54A, N54A, MVL, L44A, P60A, P60A, BBSR, BBSR, PAGR, SSSA, SSSA, S22A, M53A, M53A, BGNE, BGNE, Q24A, M54A, M54A, AAM, AAM, L34A, K43A, M54A, M54A, M55A.

Table with columns: Station, Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like K38A, JFWS, LUPA, WUAZ, WUAZ, ERPA, OGNE, N59A, ETMB, J47A, ISCO, GLA, GLA, ODNJ, KSPA, L56A, MACA, PAL, PAL, I40A, PDMCI, MMNY, U15A, U15A, BINY, BINY, SWSC, W13A, IKP, ECSD, ECSD, BC3D, H43A, N23A, IRM, MONP, O20A, O20A, KNB, PKCU, PKCU, SAML, SAML, SAML, SAML, SAML, GLMI, BELC, TPFO, PFO, PFO, PFO, 109C, GMRC, G40A, J57A, SPMN, P18A, P18A, SZCU, SUD, SUD, L61B, CCUT, CCUT, MVU, MVU, MURC, TMUT, TMUT, RWY, HEC, F42A, BBRC, SADO, SADO, TRU, TRU, DELO, HRV, F36A, COWI, RRR, K22A, K22A, BFSC, GSC, SHOC, CIS, F33A, F33A, E43A.

PRN	Pahroc Range	34.52 322	P	P	03 41 50.0 +1.9
PRN			PcP	PcP	03 44 23.1 +0.3
PLVO	Plevna	34.56 15	I	I	03 41 52.1
PSUT	Pine Springs	34.57 324	P	P	03 41 50.0 +1.4
PASC	Passada Art C	34.63 315	I	I	03 41 54.1
RSSD	Black Hills	34.63 341	P	P	03 41 48.5 -0.6
RSSD			pmax	pmax	
RSSD	Black Hills	34.63 341	P	P	03 41 48.5 -0.6
RSSD			I	I	03 41 57.8
RSSD	Black Hills	34.63 341	P	P	03 41 48.9 -0.2
QSM	Queen of Sheba	34.76 318	P	P	03 41 51.2 +1.1
QSM			I	I	03 41 52.8
GWY	Greenwater Val	34.77 319	P	P	03 41 51.1 +0.8
GWY			PcP	PcP	03 44 24.5 +0.9
LPAZ	La Paz	34.77 143	P	P	03 41 50.8 -0.3
LPAZ			PcP	PcP	03 41 50.6 -0.4
LPAZ			I	I	03 42 02.5
LONY	Lake Ozonia	34.87 18	P	P	03 41 49.6 -1.3
LONY			I	I	03 41 50.8 -0.5
EDW2	Edwards Air Fo	34.89 316	P	P	03 41 50.8 -0.5
LRMC	Laurel Mtn Rad	35.02 317	P	P	03 41 52.2 -0.2
FURC	Furnace Creek	35.06 319	P	P	03 41 53.7 +1.1
TCUT	Toone Canyon	35.14 330	I	I	03 42 02.6
DUG	Dugway, Toeole	35.17 327	P	P	03 41 53.8 +0.1
FRNY	Flat Rock	35.37 19	I	I	03 41 58.3
LBNH	Lisbon	35.41 21	I	I	03 41 58.4
LBNH			I	I	03 41 55.3 -0.2
R11A	Troy Canyon, C	35.45 323	P	P	03 41 56.3 +0.1
BW06	Boulder Array	35.58 334	P	P	03 41 57.4 +0.2
PD31	Pinedale Array	35.58 334	P	P	03 41 58.3 +1.0
PD31			PcP	PcP	03 44 25.5 -0.5
PDAR	Pinedale Array	35.58 334	P	P	03 41 56.2 -1.1
PDAR			PcP	PcP	03 44 25.8 -0.1
ARVC	Arvin	35.60 315	P	P	03 41 57.5 +0.2
ISA	Isabella, Lake	35.65 317	P	P	03 41 58.9 +1.1
ISA			pmax	pmax	03 44 26.7
ISA			I	I	03 41 58.9 +1.1
ISA			I	I	03 42 12.9
ISA			PcP	PcP	03 44 26.7 +0.6
ISA			PcP	PcP	03 41 57.1 -0.7
GRAC	Grapevine Rang	35.70 319	P	P	03 41 59.6 +1.4
CWC	Cottonwood Cre	35.83 318	P	P	03 41 58.8 -0.7
E28A	Huff	35.96 346	I	I	03 42 06.6
EYMN	Ely	36.00 357	P	P	03 42 00.6 0.0
EYMN			P	P	03 42 00.9 +0.4
LCH	Last Change Ra	36.02 319	I	I	03 42 06.9
VES	Vestal, Richgr	36.16 316	P	P	03 42 03.2 +1.1
AHID	Auburn Hatcher	36.27 332	P	P	03 42 03.2 0.0
AHID			I	I	03 42 10.9
AHID			PcP	PcP	03 44 27.9 0.0
TPH	Tonopah	36.27 321	P	P	03 42 05.2 +2.0
TPH			pmax	pmax	
TPH			P	P	03 42 05.2 +2.0
TRQ	Mont Tremblant	36.33 17	I	I	03 42 07.6
SMMC	Simmler	36.50 315	P	P	03 42 03.8 -1.3
B35A	Bob, Littlefor	36.57 355	I	I	03 42 08.6
REDW	Red Top Meadow	36.62 333	I	I	03 42 14.3
VOG	Valley Oaks Go	36.63 317	P	P	03 42 05.7 -0.4
SNOW	Snow King Moun	36.66 333	I	I	03 42 15.2
AGMN	Agassiz Natia	36.74 352	I	I	03 42 09.1
AGMN			P	P	03 42 06.2 -0.7
G62A	West of Eustis	36.76 22	I	I	03 42 10.8
TPAW	Teton Pass	36.77 333	P	P	03 42 07.4 -0.1
TPAW			I	I	03 42 16.3
ITTB	Itatuba	36.79 114	eP	P	03 42 07.4 -0.3
ELK	Elko	36.87 326	P	P	03 42 09.1 +0.8
ELK			pmax	pmax	
ELK			P	P	03 42 09.1 +0.8
PAGB	Antelope Grade	36.90 315	I	I	03 42 31.6
FXWY	Fox Creek	36.92 333	P	P	03 42 09.9 +1.2
FXWY			PcP	PcP	03 44 30.5 +0.5
MDDO	Maddock	36.93 348	P	P	03 42 07.3 -1.2
NV11	Mina Array Sit	37.07 321	P	P	03 42 11.6 +1.6
NV11			I	I	03 42 13.3
MALB	Monte Alegre	37.09 109	eP	P	03 42 11.0 +0.7
NVAR	Mina Array Bea	37.16 320	P	P	03 42 12.9 +2.1
NVAR			PcP	PcP	03 44 31.8 +1.1
NVAR			I	I	03 57 30.0
NVAR			P	P	03 42 12.5 +1.7
NVAR			PcP	PcP	03 44 31.2 +0.5
LHV	Little Huntoon	37.18 320	P	P	03 42 12.8 +2.1
LHV			I	I	03 42 14.4
LHV			PcP	PcP	03 44 31.5 +1.0
MDPB	Devils Postpil	37.18 319	I	I	03 42 14.1
PKME	Peaks-Kenny Pk	37.26 23	P	P	03 42 12.7 +1.4
PKME			I	I	03 42 15.0
PKME			P	P	03 42 11.1 -0.2
H17A	Grant Village	37.33 334	P	P	03 42 11.2 -1.0
RLMT	Red Lodge	37.38 336	P	P	03 42 11.9 -0.8
KVN	Kaiserville	37.41 321	P	P	03 42 14.4 +1.4
KVN			pmax	pmax	
KVN			P	P	03 42 14.4 +1.4
KVN			I	I	03 42 15.8
LAO	LASA Arra	37.62 340	P	P	03 42 13.8 -0.6
YMR	Madison River	37.71 334	I	I	03 42 24.5
VILB	Vilena	37.74 130	eP	P	03 42 15.8 +0.1
YERR	Yerington	38.08 320	I	I	03 42 21.6
NPGB	Novo Progresso	38.36 118	eP	P	03 42 20.2 -0.8
PNTR	Nite Nut	38.36 320	I	I	03 42 22.1
HLID	Hailey	38.45 330	P	P	03 42 20.9 -0.7
BCYI	Bear Canyon	38.53 332	P	P	03 42 22.9 +0.6
BCYI			PcP	PcP	03 44 36.4 +1.5
DGMT	Dagmar	38.61 344	P	P	03 42 22.1 -0.6

MCPB	Macapa, AP	38.62 106	eP	P	03 42 23.2 -0.1
ULM	Lac du Bonnet	38.66 353	P	P	03 42 21.2 -1.9
ULM			LR	LR	03 59 45.7
ULM	Lac du Bonnet	38.66 353	P	P	03 42 22.3 -0.8
ULM			pmax	pmax	
ULM	Lac du Bonnet	38.66 353	I	I	03 42 22.3 -0.8
ULM			I	I	03 42 22.7
BOZ	Bozeman (W)	38.74 334	P	P	03 42 23.5 -0.5
D62A	Allapoint, Al	38.88 22	I	I	03 42 28.4
PQI	Presque Isle	38.92 23	I	I	03 42 52.0
SIV	San Ignacio	39.11 134	P	P	03 42 27.4 +0.1
SIV			PcP	PcP	03 44 36.8 -0.1
LRM	Limekiln Ridge	39.27 334	P	P	03 42 28.3 -0.2
LRM			PcP	PcP	03 44 38.0 +0.8
BEKR	Beckworth	39.30 321	I	I	03 42 31.6
LVC	Limon Verde	39.53 150	eP	P	03 42 31.8 +0.8
LMN	Caledonia Moun	39.59 27	I	I	03 42 34.4
PDRB	Porto Dos Gac	39.63 125	eP	P	03 42 30.2 -1.4
CLDB	Colider	39.97 123	eP	P	03 42 33.2 -1.3
EGMT	Eagleton	39.99 338	I	I	03 42 42.0
EGMT			P	P	03 42 33.6 -0.7
PTLB	Pontes e Lacer	40.13 132	eP	P	03 42 35.4 -0.3
BATG	Bathurst New B	40.19 24	P	P	03 42 38.3 +2.4
BATG			I	I	03 42 47.5
O03E	Paynes Creek	40.45 320	P	P	03 42 38.5 +0.3
MSO	Missoula	40.70 334	P	P	03 42 40.6 +0.4
MSO			P	P	03 42 39.9 -0.3
O02D	Mt. Diablo Mer	41.00 319	P	P	03 42 41.5 -1.3
KCPM	Cahto Peak	41.24 318	P	P	03 42 47.3 +2.5
KCPM			I	I	03 42 48.0
M04C	Macdoel	41.34 322	P	P	03 42 46.4 +0.8
I07A	Imperial	41.45 326	P	P	03 42 46.9 +0.5
KMRM	Mal Ridge	41.62 319	P	P	03 42 48.6 +1.8
M02C	Callahan	41.73 321	P	P	03 42 48.7 -0.1
K04D	Chiloquin, OR	41.79 323	P	P	03 42 49.3 0.0
YBH	Yreka Blue Hor	41.84 321	P	P	03 42 49.3 -0.4
YBH			PcP	PcP	03 44 45.5 +0.2
Y04B	Klamath Falls	41.88 322	P	P	03 42 50.2 +0.2
J05D	Fort Rock, OR	41.90 324	P	P	03 42 50.8 +0.6
J04D	Umpqua Nationa	42.37 324	P	P	03 42 54.7 +0.6
I05D	Terrebonne, OR	42.62 325	P	P	03 42 56.7 +0.8
PRPB	Parauapebas	42.88 113	eP	P	03 42 57.8 -0.6
I04A	Tendick Farm,	42.89 324	P	P	03 42 58.0 -0.1
SALV	Santo Antonio	42.98 129	eP	P	03 42 58.7 -0.4
TMBAB	Tom-Au, PA, Br	43.02 107	eP	P	03 43 00.5 +1.0
G05D	Wamic, OR	43.18 326	P	P	03 43 01.2 +0.7
NEW	Newport	43.20 333	P	P	03 43 00.3 -0.2
NEW			PcP	PcP	03 44 49.0 -0.6
NEW			P	P	03 43 01.6 +1.0
J01E	Myrtle Point	43.40 322	P	P	03 43 03.5 +1.3
F05D	White Salmon	43.67 327	P	P	03 43 05.0 +0.6
I02E	Swissshore, OR	43.90 324	P	P	03 43 07.2 +1.0
G03D	McMinnville, O	44.23 325	P	P	03 43 10.2 +1.3
SNDB	Serra Nova Dou	44.29 121	eP	P	03 43 09.7 0.0
F04D	Rainier, OR	44.63 326	P	P	03 43 13.7 +1.7
B06A	Marbleton	45.43 330	I	I	03 43 28.2
B05A	Bryant	45.56 329	P	P	03 43 19.9 +0.5
AD3C	Eldon	45.60 328	P	P	03 43 20.3 +0.7
ORAC	Araguaiana, MT	45.88 126	eP	P	03 43 21.4 -0.8
AQDB	Aquidauana	45.89 134	eP	P	03 43 20.3 -2.0
AQDB			eP	eP	03 43 21.9 -0.5
CO03	El Pedregal	45.98 158	I	I	03 43 23.8
SMTB	Santa Maria do	46.02 115	eP	P	03 43 23.4 -0.1
SCHO	Schefferville	46.24 18	P	P	03 43 23.1 -1.6
SCHO			LR	LR	04 03 45.1
SCHO			P	P	03 43 25.3 +0.7
PEXB	Peixe	46.89 119	eP	P	03 43 30.0 -0.3
ROSB	Rosario	46.94 105	eP	P	03 43 31.5 +0.8
LLBL	Lillooet	47.05 322	I	I	03 43 42.1
ZON	Zonda	47.38 156	I	I	03 43 35.2
VA03	San Esteban	47.77 159	I	I	03 43 37.8
CPUP	Villa Florida	48.89 141	P	P	03 43 44.4 -1.2
CPUP			LR	LR	04 03 52.2
CPUP			P	P	03 43 44.0 -1.6
CPUP			pmax	pmax	
CPUP			I	I	03 43 44.0 -1.6
CPUP			I	I	03 43 45.4
CPUP			P	P	03 43 44.6 -1.0
BDFB	Brasilia	48.91 123	P	P	03 43 46.4 +0.4
BDFB			PcP	PcP	03 45 10.3 0.0
ITRB	Iturama	49.31 129	eP	P	03 43 48.5 -0.4
TRCB	Terra Rica	49.55 134	eP	P	03 43 50.8 -0.1
IPMB	Ipameri, GO	50.00 126	eP	P	03 43 53.2 -1.1
BBB	Bella Bella	51.04 300	LR	LR	04 04 06.0
BB19B	Bededouro	51.50 129	eP	P	03 44 00.7 -0.9
ITOB	Itaqui	51.77 144	eP	P	03 44 06.8 -0.5
YKA	Yellowknife Ar	53.76 346	eP	P	03 44 20.7 -0.9
YKA			PcP	PcP	03 45 27.4 +0.1
YKA			LR	LR	04 09 33.9
DIAM	Diamantina, MG	53.83 123	eP	P	03 44 22.3 -0.7
CP5B	Cacapano Do Su	54.20 142	eP	P	03 44 24.2 -1.0
B5CB	Barro Suceoso	54.36 127	eP	P	03 44 26.3 -0.4
NBPA	Parau Ran	54.47 106	eP	P	03 44 28.2 +0.6
TAOE	Nitku Hiva Isla	54.90 250	eLR	LR	03 59 58.4
PLTB	Pedras Altas	55.07 143	eP	P	03 44 30.7 -0.9
PLCA	Paso Flores	55.07 163	P	P	03 44 31.1 -0.4
PLCA			LR	LR	04 02 51.5
PLCA			P	P	03 44 30.8 -0.7
PLCA			P	P	03 44 30.8 -0.7
PLCA			I	I	03 44 31.9
PLCA			eP	eP	03 44 31.2 -0.3
NBLV	Livramento - P	55.18 108	eP	P	03 44 32.6 -0.2
CRAG	Craig	55.37 331	P	P	03 44 34.7 +1.4
TRQA	Torquait	55.75 154	eP	P	03 44 35.6 -0.8

TRQA			pmax	pmax	
TRQA	comp=Z,21nm,1.7s		P	P	03 44 34.4 -1.9
TRQA			P	P	03 44 35.8 -0.6
DLBC	Dease Lake	55.75 154	eP	LR	04 10 17.3

2d 4h

Table with columns: ILAR, Eielson Array, 65.93 337 P, P, 03 45 44.9 -0.4, comp=Z,2.0nm,0.9s,baz=123,slow=5.7,SNR=92

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Table with columns: RETA, Reutte, 87.81 42 eP, P, 03 47 49.0 +0.1, comp=Z,6.0nm,0.9s,baz=275,slow=5.7

IDC 02 05:52:6.1, 9, 1.79N, 126.81E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.5/m, mbtmp3.7/4, ML3.4/1, Error ellipse: s-maj=113.7km s-min=23.6km az=69.0,

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

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

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

2d 6h

Table with columns: ID, Name, Az, El, P, S, Pn, Az, El, P, S, Pn. Includes stations like Manley, CIGO, COLA, GCSA, etc.

MAN 02 05:32:33.1, 7.00N; 126.81E, h109km, mb4.9, ML3.8, MS3.8
IDC 02 05:32:34.5, 1.1, 7.05N; 126.65E, h132km, mb3.9/15, mb1 4.0/16, mb1mx3.7/46, mbtmp4.3/16, MS3.1/1, Ms1 3.1/1, ms1mx2.4/38, Error ellipse: s-maj=23.2km s-min=12.1km az=70.0

NEIC 02 05:32:36.1, 1.5, 7.0N; 126.6E; 0.1, h137km, mb4.5/14, Error ellipse: s-maj=20.9km s-min=15.7km az=47.0

Table with columns: Code, Station Name, Az, El, P, S, Pn, Az, El, P, S, Pn, Time, Res. Includes stations like Davao City, Bislig, Surigao, etc.

2015 NOV

Table with columns: ID, Name, Az, El, P, S, Pn, Az, El, P, S, Pn, Time, Res. Includes stations like ABKAR, AKTO, ARU, etc.

INET 02 05:36:06.9, 11.14N-87.37W, h15km, MW3.9, Near coast of Nicaragua

MOS 02 05:42:46.9, 0.9, 37.87N; 72.67E, h116km, mb4.0/7, Error ellipse: s-maj=16.5km s-min=8.5km az=93.5
IDC 02 05:42:46.7, 3.2, 37.73N; 72.58E, h105km, mb3.5/11, mb1 3.7/17, mb1mx3.5/49, mbtmp4.0/17, Error ellipse: s-maj=26.6km s-min=18.0km az=175.0

SOME 02 05:42:56.3, 38.60N; 72.68E, h10km
ISC 02 05:42:46.2, 0.6, 37.85N; 0.06, 72.55E; 0.05, h100km, m62, z=26/78, mb3.8/12, 9C-7D, Tajikistan

Table with columns: Code, Station Name, Az, El, P, S, Pn, Az, El, P, S, Pn, Time, Res. Includes stations like Kashi, KSH, AML, etc.

Table with columns: ID, Name, Az, El, P, S, Pn, Az, El, P, S, Pn, Time, Res. Includes stations like KIV, KIROV, SOMN, etc.

INET 02 05:46:18.2, 11.06N-87.35W, h20km, MW3.7, Near coast of Nicaragua

JMA 02 06:20:09.5, 0.2, 38.36N; 144.48E, h39km, M3.6, Off east coast of Honshu

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

IDC 02 06:20:43.0, 0.9, 53.55N; 35.27W, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.6/57, mbtmp3.8/7, MS3.5/12, Ms1 3.5/12, ms1mx3.2/44, Error ellipse: s-maj=34.1km s-min=22.4km az=32.0

ISC 02 06:20:44.3, 0.9, 53.5N; 0.2, 35.3W; 0.2, h10km, n19, z=085/8, mb3.8/7, MS3.4/11, Reykjanes Ridge

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

IDC 02 06:21:37.1, 3.9, 6.61S; 154.12E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/41, mbtmp3.6/2, MS3.3/4, Ms1 3.2/8, ms1mx3.0/45, Error ellipse: s-maj=19.3km s-min=53.0km az=128.0, Bougainville-Solomon Islands region

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

IDC 02 06:29:05.2, 0.7, 34.15N; 112.12W, h0km, mb3.7/2, mb1 3.8/7, mb1mx3.7/59, mbtmp3.6/7, MS3.3/4, Ms1 3.2/8, ms1mx3.0/45, Error ellipse: s-maj=11.3km s-min=7.3km az=20.0

NEIC 02 06:29:06.8, 34.14N; 112.13W, h0km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; M1: -1.07, M2: 0.65, M3: 0.42, M4: 0.77, M5: 0.54, M6: 0.39; Fault plane solution: M1: 38000x1015 NP1: 238.72000, 864.43000, lambda-83.11000, NP2: 43.08000, 826.42000, lambda-104.08000. Principal axes: T 1.3838, P19.19000, Azm324.0000; N 0.0014, P16.0000, Azm56.0000; P -1.3852, P17.0000, Azm163.0000;

Table with columns: PDCMI, Parker Dam, Lak, 1.65 276 P, Pn, 06 50 01.5 -0.7, etc. Lists various meteoroid events with their characteristics.

Table with columns: LEMN, Lemitar, 4.30 88 Pn, 06 50 37.2 -1.6, etc. Lists various meteoroid events with their characteristics.

Table with columns: NBG, Las Nubes, 1.14 40 eP, Pn, 07 22 23.4 +0.9, etc. Lists various meteoroid events with their characteristics.

NNC 02 07:22:19.2±0.3, 50:02N, 78:66E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=5.3km s-min=1.5km az=83.0,

Suspected Mining explosion, IDC 02 07:22:20.5±0.8, 50:06N, 78:73E, h0km, mb1.2, 8/3, mb1mx2.8/5.0, mbtmp2.8/3, ML2.6/3, Error ellipse: s-maj=8.7km s-min=6.0km az=51.0

ISC 02 07:22:19.5±0.9, 49:99N, 0:04, 78:63E, h0km, m23, 0:05/30, 17C-7D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists meteoroid events with their characteristics.

IDC 02 07:22:34.9±5.0, 2:59N, 128:68E, h131km, 47km, mb4.3/6, mb1.4/4.7, mb1mx3.6/5.0, mbtmp4.7/7, Error ellipse: s-maj=36.9km s-min=16.1km az=72.0

NEIC 02 07:22:40.5±1.6, 2:46N, 0:08, 128:44E, 0:07, h175km, 10km, mb4.3/12, Error ellipse: s-maj=14.5km s-min=6.0km az=141.0

DJA 02 07:22:40.5±0.4, 2:14N, 12:8E, h173km, 3km, M4.5/12, mB5.0/6, mb4.6/12, MLV4.7/10, Mw(mB)4.3/6

ISC 02 07:22:41.8±0.8, 2:35N, 0:08, 128:29E, h200km, n38, 0:143/40, mb4.4/9, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists meteoroid events with their characteristics.

NNC 02 07:11:52.6±1.7, 53:70N, 88:09E, h0km, mb3.5, mpv3.1, 2C-5D, Error ellipse: s-maj=13.8km s-min=7.8km

az=52.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists meteoroid events with their characteristics.

SNET 02 07:22:02.2±1.2, 13:96N, 91:04W, h15km, 7km, ML3.2, CGC 02 07:22:04.8±0.7, 13:90N, 91:12W, h49km, 34km, MD3.5

ISC 02 07:22:00.5±3.1, 13:7N, 0:19, 11W, 0:08, h12km, 17km, n14, 0:074/21, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists meteoroid events with their characteristics.

Table with columns: NEW, Station Name, Azimuth, Elevation, P, S, R, Time, Res. Includes stations like Newport, Trinidad, Braeburn, Yuko, etc.

Table with columns: Station Name, Azimuth, Elevation, P, S, R, Time, Res. Includes stations like Knik Glacier, Palmer, Palmer, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Cibinong, Luwuk, Gorontalo, etc.

BUI 02 08:15:31.1,0.0,51.85N:173.56W,h11km,mB5.8/70, mb5.7/87,M5.7/95,M5.7/5.8/89

NEIC 02 08:15:33.5,2.1,51.58N:0.05:173.33W:0.06,h13km,1km, mb5.8/271,M5.20.5/245,Mwb5.6/110,Mwv5.8, ML5.4(AEIC),Mwv5.9(GCMT),Error ellipse: s-maj=9.1km s-min=5.9km az=182.0

NEIC 02 08:15:34.5,51.63N:173.41W,h16km,Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr2.25; Mw-2.20; Mw-0.05; Mw1.64; Mw-0.82; Mw1.19; Fault plane solution: Ms3.12000x1017 Np1.263.76000; s2.6.43000; A111.68000; NP2.59.82000; s65.57000; P1.76.00000; Principal axes: T 3.0535, Plg68.0000; Azm310.0000; N 0.1272, Plg9.0000; Azm64.0000; P -3.1808, Plg20.0000; Azm158.0000;

MOS 02 08:15:35.4,0.9,51.69N:173.40W,h40km,mb6.1/90, MS5.4/50 Error ellipse: s-maj=6.1km s-min=4.1km az=102.6

AEIC 02 08:15:35.2,5,51.61N:0.06:173.38W:0.07,h55km,4km, Error ellipse: s-maj=9.2km s-min=5.9km az=171.0 GCMT 02 08:15:36.0,1,51.55N:173.33W,h17km,MW5.9/157, Moment Tensor Solution. s153.c32; s157.c371; Duration: 2s Moment tensor: Scale 1017Nm; Mw-4.06; Mw-5.30; Mw-0.05; Mw-0.18; Mw-0.15; Mw-1.95; Mw-2.20; Mw-2.20; Best double couple: Ms7.64400x1017 Np1.257.0000; s25.0000; A100.0000; NP2.66.0000; s66.0000; A86.0000; Principal axes: T 7.4310, Plg69.0000; Azm328.0000; N 0.4270, Plg4.0000; Azm68.0000; P -7.8570, Plg21.0000; Azm160.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 02 08:15:36.5,51.54N:173.36W,h16km,Moment Tensor Solution. Duration: 4s Moment tensor: Scale 1017Nm; Mw-5.38; Mw-5.21; Mw-0.17; Mw-0.24; Mw-1.96; Mw-1.96; Fault plane solution: Ms8.34000x1017 Np1.171.286; s262.0000; s22.0000; A1108.0000; NP2. q=62.0000; s69.0000; A83.0000; Principal axes: T 8.1627, Plg65.0000; Azm319.0000; N 0.3416, Plg7.0000; Azm64.0000; P -8.5043, Plg24.0000; Azm157.0000;

IDC 02 08:15:37.0,0.4,51.65N:173.36W,h42km,3km,mb5.2/60, mb1.5/362,mb1mx5.2/72,mbmp5.5/62,ML4.9/2,MS5.3/51, Ms1.5/51,ms1mx5.2/68 Error ellipse: s-maj=9.3km s-min=6.6km az=160.0

NEIC 02 08:15:41.5,51.49N:173.50W,h20km,Moment Tensor Solution. Duration: 16s Moment tensor: Scale 1017Nm; Mw-4.76; Mw-4.17; Mw-0.60; Ms3.0000x1017 Np1.186; Fault plane solution: Ms5.83000x1017 Np1.186; q=263.0000; s27.0000; A106.0000; NP2. q=66.0000; s64.0000; A82.0000; Principal axes: T 6.0493, Plg70.0000; Azm319.0000; N -0.4645, Plg7.0000; Azm69.0000; P -5.5848, Plg19.0000; Azm162.0000;

ISC 02 08:15:36.2,0.2,51.60N:0.04:173.40W:0.02,h34km, h34km;P-P,1.686,-1.844/1873,mb5.8/370,MS5.4/231, 183C-66D,Andeanof Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Korovin Flat, KOSE, KOKL, etc.

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TYV	comp=Z,7µm,21.0s	MLR	MLR				
BBB	Bela Bella 27.61 71 P	P	P	08 21 21.5 +1.5			
BBB	comp=Z,52nm,1.0s,baz=276,slow=8.0,SNR=8.1	LR	LR	08 30 54.6			
BBB	comp=Z,4µm,20.9s,baz=288,slow=33						
BBB	Bela Bella 27.61 71 P	P	P	08 21 26.1 +6.1			
NKL	Nikolayevsk 27.71 291 eP	eP	eP	08 21 20.9 0.0			
NKL	comp=E,5.0nm,0.5s	pmax	pmax				
NKL	comp=N,619nm,1.1s	pmax	pmax				
NKL	comp=Z,84nm,1.4s	MLR	MLR				
NKL	comp=E,15nm,12.0s	MLR	MLR				
NKL	comp=N,12µm,14.0s	MLR	MLR				
YUK	comp=Z,3µm,18.0s	MLR	MLR				
YUK	Yuzh-Kuril'sk 28.08 271c iP	iP	P	08 21 24.7 +0.4			
YUK	iPPP	PPP	PPP	08 22 19.5			
YUK	iS	S	S	08 26 08.0 +1.3			
YUK	iSS	SS	SS	08 27 24.8 +1.5			
YUK	comp=N,628nm,1.5s	pmax	pmax				
YUK	comp=E,998nm,1.5s	pmax	pmax				
YUK	comp=Z,1µm,1.5s	pmax	pmax				
UGL	Uglegor'sk 28.21 283c iP	iP	P	08 21 26.6 +1.2			
UGL	e	e	e	08 22 27.4			
UGL	comp=Z,660nm,0.9s	pmax	pmax				
UGL	comp=Z,2µm,4.0s	pmax	pmax				
UGL	comp=E,8µm,21.0s	MLR	MLR				
UGL	comp=N,10µm,17.0s	MLR	MLR				
UGL	comp=Z,6µm,18.0s	MLR	MLR				
WRGLY	Wrigley 28.51 47 P	P	P	08 21 27.4 -0.5			
YSS	comp=Z,270,SNR=18						
YSS	Yuzh-Sakhalins 28.65 278eP	eP	P	08 21 30.9 +1.6			
YSS	eSP	SP	SP	08 21 43.5 -0.1			
YSS	e	e	e	08 22 16.3			
YSS	ePPP	PPP	PPP	08 22 34.3			
YSS	eS	S	S	08 26 15.1 -0.4			
YSS	eSS	SS	SS	08 28 02.6 -1.5			
YSS	comp=Z,3µm,2.8s	pmax	pmax				
YSS	comp=E,2µm,2.0s	pmax	pmax				
YSS	comp=N,260nm,1.1s	pmax	pmax				
YSS	comp=E,500nm,1.1s	pmax	pmax				
YSS	comp=Z,800nm,1.1s	pmax	pmax				
YSS	comp=Z,10µm,19.0s	MLR	MLR				
YSS	comp=N,3µm,20.0s	MLR	MLR				
YSS	comp=N,1µm,15.0s	MLR	MLR				
YSS	comp=Z,3µm,22.0s	MLR	MLR				
YSS	comp=E,6µm,19.0s	MLR	MLR				
YSS	Yuzh-Sakhalins 28.65 278 P	P	P	08 21 30.5 +1.2			
YSS	IAMS_20	IAMS_20	IAMS_20	08 32 01.5			
YSS	comp=Z,13µm,21.0s	IAMS_20	IAMS_20				
YSS	Yuzh-Sakhalins 28.65 278 iP	iP	P	08 21 30.6 +1.3			
YSS	A36M	A36M	A36M	08 21 51.5			
A36M	Sachs Harbour 29.27 28 P	P	P	08 34 52.2			
A36M	comp=Z,126nm,1.0s	IAMS_20	IAMS_20				
A36M	comp=Z,8µm,20.0s	IAMS_20	IAMS_20				
A36M	Sachs Harbour 29.27 28 P	P	P	08 21 34.1 -0.4			
A36M	comp=Z,252,SNR=26						
CBB	Campbell River 29.96 74 P	P	P	08 21 42.4 +1.4			
CBB	comp=Z,197nm,1.9s	IAMB	IAMB	08 22 33.7			
ASAJ	Asahikawa 30.08 273 P	P	P	08 21 42.8 +0.7			
ASAJ	comp=Z,580nm,0.9s,baz=45,slow=5.9,SNR=103	LR	LR	08 33 06.4			
ASAJ	comp=Z,5µm,21.1s,baz=72,slow=35	LR	LR				
ERM	Erimo 30.83 269cP	cP	P	08 21 49.9 +1.2			
ERM	comp=Z,304nm,1.1s	pmax	pmax				
ERM	comp=Z,5µm,16.0s	MLR	MLR				
ERM	Erimo 30.83 269 P	P	P	08 21 49.8 +1.2			
ERM	comp=Z,311nm,1.1s	IAMB	IAMB	08 21 54.0			
ERM	Erimo 30.83 269 iP	iP	P	08 21 49.4 +0.7			
GRNR	Gorny 30.97 289 iP	iP	P	08 21 50.3 +0.4			
GRNR	comp=Z,23nm,0.6s,baz=244,slow=1.4,SNR=9.0	eS	eS	08 26 54.4 +2.5			
GRNR	comp=E,10.0nm,0.9s	pmax	pmax				
GRNR	comp=N,7.0nm,1.1s	pmax	pmax				
GRNR	comp=Z,40nm,1.0s	pmax	pmax				
GRNR	comp=N,5.0nm,0.8s	smax	smax				
GRNR	comp=E,2µm,17.0s	MLR	MLR				
GRNR	comp=N,940nm,14.0s	MLR	MLR				
GRNR	comp=Z,2µm,18.0s	MLR	MLR				
JEW	Eniwo 31.45 272 iP	iP	P	08 21 54.5 +0.3			
YAK	Yakutsk 31.81 311 P	P	P	08 21 56.0 -1.0			
YAK	comp=Z,23nm,0.6s,baz=244,slow=1.4,SNR=9.0	LR	LR	08 35 16.1			
YAK	Yakutsk 31.81 311 eP	eP	P	08 21 55.6 -1.5			
YAK	ePPP	PPP	PPP	08 22 09.2 -0.1			
YAK	e	e	e	08 22 58.8			
YAK	eS	S	S	08 24 47.2			
YAK	eS	S	S	08 27 04.5 -0.2			
YAK	comp=Z,74nm,0.9s	pmax	pmax				
YAK	comp=N,6.0nm,0.8s	pmax	pmax				
YAK	comp=E,23nm,1.0s	pmax	pmax				
YAK	comp=Z,100nm,1.6s	pmax	pmax				
YAK	comp=N,51nm,1.4s	pmax	pmax				
YAK	comp=E,164nm,1.8s	smax	smax				
YAK	comp=E,108nm,1.8s	smax	smax				
YAK	comp=N,90nm,2.1s	MLR	MLR				
YAK	comp=Z,13µm,17.0s	MLR	MLR				
YAK	comp=E,9µm,16.0s	MLR	MLR				
LLLB	Lillooet 31.82 71 P	P	P	08 21 58.1 +0.7			
LLLB	comp=Z,75nm,1.0s	IAMB	IAMB	08 22 23.8			
NLWA	Neilton Lookou 31.94 78 iP	iP	P	08 22 01.4 +3.0			
A04D	Lummi Island 32.08 75 P	P	P	08 21 58.4 -1.1			
A04D	baz=295						
TIXI	Tiksi 32.13 330 P	P	P	08 21 59.5 -0.4			
TIXI	comp=Z,26nm,0.6s,baz=103,slow=9.5,SNR=56	PcP	PcP	08 24 48.1 +0.1			
TIXI	comp=Z,47nm,1.0s,baz=335,slow=1.3,SNR=7.0	PcP	PcP	08 25 01.8			
TIXI	comp=Z,170nm,0.9s,baz=89,slow=1.6,SNR=18	ScP	ScP	08 25 29.0 +0.4			
TIXI	comp=Z,12nm,1.0s,baz=128,slow=4.1,SNR=4.0	LR	LR	08 36 12.0			
TIXI	comp=Z,7µm,18.4s,baz=118,slow=38	LR	LR				
TIXI	Tiksi 32.13 330 P	P	P	08 22 00.0 +0.2			
TIXI	comp=Z,127nm,1.4s	MLR	MLR				
TIXI	comp=Z,8µm,18.0s	MLR	MLR				
TIXI	Tiksi 32.13 330 P	P	P	08 21 60.0 +0.2			
TIXI	comp=Z,127nm,1.4s	IAMB	IAMB	08 22 01.2			
TIXI	comp=Z,8µm,18.0s	IAMS_20	IAMS_20	08 36 27.7			

TIXI	Tiksi 32.13 330 iP	iP	P	08 21 59.4 -0.4			
TIXI	iPP	PPP	PPP	08 24 48.5 +0.5			
D03D	Eldon 32.35 77 P	P	P	08 22 01.9 -0.1			
KIP	Kipapa 32.42 153cP	cP	P	08 22 03.1 +0.3			
KIP	comp=Z,269nm,1.4s	pmax	pmax				
KIP	Kipapa 32.42 153 P	P	P	08 22 03.2 +0.3			
KIP	comp=Z,273nm,1.3s	IAMB	IAMB	08 22 04.0			
HON	Honolulu 32.52 153 P	P	P	08 22 03.8 +0.2			
HON	comp=Z,325nm,1.2s	pmax	pmax				
HON	Honolulu 32.52 153 P	P	P	08 22 03.8 +0.2			
HON	comp=Z,325nm,1.2s	IAMB	IAMB	08 22 19.0			
YKA	Yellowknife Ar 32.61 47 P	P	P	08 22 03.1 -1.0			
YKA	comp=Z,4.1nm,0.6s,baz=180,slow=3.7,SNR=40	PcP	PcP	08 24 50.4 +0.9			
YKA	comp=Z,23nm,1.1s,baz=296,slow=1.3,SNR=9.7	PcP	PcP	08 25 03.9			
YKA	comp=Z,50nm,0.9s,baz=296,slow=1.6,SNR=19	LR	LR	08 36 56.7			
YKA	comp=Z,8µm,18.3s,baz=0.0,slow=39	LR	LR				
YKA	Yellowknife Ar 32.61 47 P	P	P	08 22 03.8 -0.3			
YKA	Yellowknife Ar 32.61 47 P	P	P	08 22 03.8 -0.3			
B05A	Bryant 32.64 75 P	P	P	08 22 04.4 -0.1			
D04E	Lakebay 32.70 77 P	P	P	08 22 03.7 -1.4			
JTM	Tenmabayashi 32.82 269 P	P	P	08 22 07.2 +1.0			
JTM	comp=Z,302nm,1.1s	IAMB	IAMB	08 22 10.2			
JTM	Tenmabayashi 32.82 269 iP	iP	P	08 22 06.2 +0.1			
F04D	Rainier, OR 33.07 79 P	P	P	08 22 07.2 -1.1			
F04D	baz=298						
E04D	Cinebar 33.12 78 P	P	P	08 22 09.2 +0.5			
G03D	McMinnville, O 33.33 81 P	P	P	08 22 10.3 -0.3			
TEY	Ternei 33.34 279 iP	iP	P	08 22 09.7 -0.9			
TEY	eS	eS	eS	08 27 26.4 -2.4			
TEY	comp=E,1µm,1.3s	pmax	pmax				
TEY	comp=Z,2µm,1.3s	pmax	pmax				
TEY	comp=N,380nm,1.3s	pmax	pmax				
TEY	comp=E,380nm,1.0s	pmax	pmax				
TEY	comp=Z,640nm,1.0s	pmax	pmax				
TEY	comp=N,150nm,1.0s	smax	smax				
TEY	comp=N,600nm,4.6s	smax	smax				
TEY	comp=E,500nm,4.6s	MLR	MLR				
TEY	comp=E,2µm,19.0s	MLR	MLR				
TEY	comp=N,1µm,15.0s	MLR	MLR				
F04A	Amboy 33.50 79 P	P	P	08 22 12.6 +0.5			
F04A	comp=Z,61nm,0.8s	IAMB	IAMB	08 22 27.1			
C06D	Leavenworth 33.51 75 P	P	P	08 22 10.8 -1.3			
I02E	Swisshome, OR 33.52 83 P	P	P	08 22 11.0 -1.3			
COR	Corvallis 33.62 82 iP	iP	P	08 22 16.3 +3.2			
PNT	Penticton 33.67 72 iP	iP	P	08 22 14.2 +0.6			
KEMB	Edson Butte 33.87 85 P	P	P	08 22 17.0 +1.6			
LTY	Libert 33.95 76 P	P	P	08 22 16.3 +0.3			
J01E	Myrtle Point 33.96 85 P	P	P	08 22 15.8 -0.4			
H04D	Lebanon 34.00 82 P	P	P	08 22 15.8 -0.7			
I03D	Drain, OR 34.04 83 P	P	P	08 22 16.1 -0.7			
F05D	White Salmon 34.11 79 P	P	P	08 22 18.0 +0.6			
B08A	Colville Reser 34.25 74 P	P	P	08 22 19.0 +0.3			

435B	comp=Z,2um,19.0s	58.02	80	P	P	08 25 24.6	-0.9
435B	baz=315			S	S	08 33 24.8	+1.2
KEV	comp=Z,106nm,1.2s	58.04	352	P	Pmax	08 25 25.7	+0.6
KEV	Kevo	58.04	352	P	Iamb	08 25 25.7	+0.6
KEV	comp=Z,106nm,1.2s	58.04	352	P	Iamb	08 26 18.5	
KEV	Kevo	58.04	352	P	Iamb	08 25 24.7	-0.3
L48A	comp=Z,4um,22.0s	58.07	62	P	P	08 25 25.6	-0.1
L48A	N Adams	58.07	62	P	Iamb	08 25 27.2	
W41B	comp=Z,222nm,1.4s	58.20	72	P	P	08 25 25.4	-1.3
W41B	Gary Mavity, V	58.20	72	P	P	08 33 23.7	-2.2
W41B	baz=314,SNR=64			S	S		
AAM	Ann Arbor	58.25	61	IAMS_20	IAMS_20	08 53 05.1	
AAM	Ann Arbor	58.25	61	P	S	08 25 25.8	-1.1
AAM	Ann Arbor	58.25	61	P	S	08 33 22.7	-3.6
ARAO	comp=Z,3um,18.0s	58.39	352	eP	P	08 25 27.1	-0.4
ARAO	ARCES Array B	58.39	352	P	P	08 25 26.8	-0.7
ARCES	comp=Z,12nm,0.7s,baz=10,slo=7.4,SNR=53			PcP	PcP	08 26 17.4	+0.6
ARCES	comp=Z,85nm,1.0s,baz=0.0,slo=5.0,SNR=19			P	P	08 26 31.3	
ARCES	comp=Z,29nm,0.7s,baz=0.0,slo=4.5,SNR=6.6			LR	LR	08 50 17.1	
ARCES	comp=Z,2um,21.8s,baz=5.0,slo=36			P	P	08 25 28.0	+0.5
ARCES	ARCES Array B	58.39	352	P	P	08 25 28.0	+0.5
ARCES	ARCES			Pmax	Pmax		
ARCES	comp=Z,164nm,1.2s	58.39	352	P	P	08 25 28.0	+0.5
ARCES	ARCES Array B	58.39	352	P	P	08 25 18.5	+0.5
ARCES	ARCES			Iamb	Iamb	08 26 20.1	
K50A	comp=Z,164nm,1.1s	58.48	60	P	P	08 25 28.4	-0.2
K50A	Casco	58.48	60	P	Iamb	08 25 42.5	
LZH	comp=Z,81nm,0.9s	58.53	290	eP	PP	08 25 30.0	+0.8
LZH	Lanzhou	58.53	290	PP	PP	08 27 37.1	-1.5
LZH	LZH			eS	S	08 33 31.1	+0.6
LZH	LZH			Pmax	Pmax		
LZH	comp=Z,450nm,1.3s			LR	LR		
LZH	comp=Z,2um,5.9s			LR	LR		
LZH	comp=Z,4um,15.7s			LR	LR		
LZH	comp=Z,6um,16.3s			LR	LR		
LZH	comp=Z,5um,18.3s			LR	LR		
GTA	comp=Z,5um,18.3s	58.58	295	PP	P	08 25 29.2	-0.3
GTA	Gaotai	58.58	295	PP	P	08 25 36.8	-1.7
GTA	GTA			S	S	08 25 41.0	-1.1
GTA	GTA			S	S	08 33 27.0	-4.0
GTA	GTA			Pmax	Pmax		
GTA	comp=Z,160nm,1.3s			Pmax	Pmax		
GTA	comp=Z,970nm,10.8s			LR	LR		
GTA	comp=Z,5um,17.5s			LR	LR		
GTA	comp=Z,5um,17.1s			LR	LR		
GTA	comp=Z,7um,17.9s			LR	LR		
833A	comp=Z,7um,17.9s	58.64	83	P	P	08 25 28.9	-0.9
833A	Chaparral WMA	58.64	83	P	S	08 33 32.3	+0.6
833A	Chaparral WMA	58.64	83	S	S		
PARMO	comp=Z,316	58.65	69	P	P	08 25 28.7	-1.1
JETT	Parma	58.65	69	P	P	08 25 30.3	+0.3
TRO	Jettan, Norway	58.74	355	eP	P	08 25 29.5	-0.4
SADO	Troms	58.74	355	eP	P	08 25 31.1	-0.3
SADO	Sadowa	58.96	56	P	P	08 25 31.4	-0.5
SADO	Sadowa	58.96	56	PP	PP	08 25 30.7	-1.1
SADO	Sadowa	58.96	56	PP	PP		
LVZ	comp=Z,117nm,1.4s	58.99	348	eP	Pmax		
LVZ	Lovozero	58.99	348	eP	Pmax		
LVZ	comp=Z,3um,17.0s	58.99	348	P	Iamb	08 25 31.6	-0.2
LVZ	Lovozero	58.99	348	P	Iamb	08 25 47.7	
LVZ	LVZ			P	P	08 25 31.6	-0.2
LVZ	LVZ			P	P	08 25 32.0	-0.4
KTK1	comp=Z,72nm,1.0s	59.08	353	eP	P	08 51 57.6	
KTK1	Kautokoino	59.08	353	eP	P		
NATX	comp=Z,2um,20.0s	59.12	77	IAMS_20	IAMS_20	08 25 32.4	-0.7
NATX	Nacogdoches	59.12	77	IAMS_20	IAMS_20		
NATX	Nacogdoches	59.12	77	P	P	08 25 33.2	-0.4
NATX	Nacogdoches	59.12	77	P	P	08 25 33.6	-0.5
GLAT	comp=Z,50nm,0.9s	59.19	69	P	P	08 26 36.2	
M50A	Glass	59.20	61	P	Iamb	08 25 33.0	-0.7
M50A	Fremont	59.20	61	P	Iamb	08 25 33.0	-0.7
Z41A	comp=Z,314,SNR=10	59.20	74	P	S	08 33 38.9	+0.1
Z41A	Richland Creek	59.20	74	P	S		
P48A	comp=Z,314	59.21	64	P	P	08 25 32.5	-1.2
O49A	Milroy	59.32	63	P	Iamb	08 25 33.6	-0.9
O49A	Covington	59.32	63	P	Iamb	08 25 35.7	
CCAR	comp=Z,172nm,1.4s	59.36	73	P	P	08 25 34.5	-0.3
APA	Cane Creek	59.36	73	P	P	08 25 30.6	-4.3
APA	Apatity	59.36	73	P	P	08 27 55.0	
APA	APA			i	S	08 33 31.0	-1.0
APA	APA			i	PS	08 33 51.0	-5.5
APA	APA			i	P	08 35 20.0	
P49A	comp=Z,15nm,1.1s	59.56	64	P	P	08 25 35.0	-1.1
P49A	Miami Univ. Ec	59.56	64	P	P	08 33 40.5	-2.9
P49A	Miami Univ. Ec	59.56	64	P	P		
WCI	comp=Z,304nm,1.5s	59.57	66	P	Pmax	08 25 35.5	-0.6
WCI	Wyandotte Cave	59.57	66	P	Pmax		
WCI	Wyandotte Cave	59.57	66	P	P	08 25 35.5	-0.6
WCI	Wyandotte Cave	59.57	66	P	P	08 33 42.1	-1.4
WCI	Wyandotte Cave	59.57	66	P	P	08 25 35.3	-0.9
HKT	comp=Z,77nm,1.6s	59.68	79	eP	Pmax	08 25 36.9	0.0
HKT	Hockley	59.68	79	eP	Pmax		
HKT	Hockley	59.68	79	PP	P	08 25 37.3	+0.4
PLVO	comp=Z,4um,16.0s	59.83	55	P	P	08 25 38.0	+0.1
PLVO	Plevna	59.83	55	P	P	08 25 38.0	+0.1
M52A	comp=Z,15nm,1.1s	60.02	60	P	P	08 54 09.5	
M52A	Chesterland	60.02	60	P	P		
ACSO	comp=Z,4um,18.0s	60.04	62	IAMS_20	IAMS_20	08 25 38.6	-0.7
ACSO	Alum Creek Sta	60.04	62	IAMS_20	IAMS_20		
ACSO	Alum Creek Sta	60.04	62	P	P	08 33 48.6	-0.9
ACSO	Alum Creek Sta	60.04	62	S	S		
WVT	comp=Z,3um,18.0s	60.14	69	IAMS_20	IAMS_20	08 53 26.4	
WVT	Waverly	60.14	69	IAMS_20	IAMS_20	08 25 39.5	-0.6
WVT	Waverly	60.14	69	P	S	08 33 50.4	-0.5
WVT	Waverly	60.14	69	P	S		
WVT	Waverly	60.14	69	PP	P	08 25 39.3	-0.8
GAC	comp=Z,3um,18.0s	60.17	59	IAMS_20	IAMS_20	08 25 38.9	-1.3
GAC	Glen Almond	60.17	59	IAMS_20	IAMS_20		
FUNA	comp=Z,5um,22.0s	60.22	188	IAMS_20	IAMS_20	08 51 30.1	
FUNA	Funafuti	60.22	188	IAMS_20	IAMS_20		
OXF	comp=Z,402nm,0.9s	60.34	71	P	Pmax	08 25 41.1	-0.4
OXF	Oxford	60.34	71	P	Pmax		
OXF	Oxford	60.34	71	P	Pmax		
OXF	Oxford	60.34	71	P	P	08 25 41.1	-0.4
OXF	Oxford	60.34	71	IAMS_20	IAMS_20	08 54 53.8	
OXF	Oxford	60.34	71	P	P	08 25 40.5	-1.0
OXF	Oxford	60.34	71	P	S	08 33 52.5	-1.1

ERPA	comp=Z,315	60.35	59	P	P	08 25 40.9	-0.6
ERPA	Erie	60.35	59	P	P		
ERPA	ERPA			S	S	08 33 53.4	-0.1
M53A	comp=Z,314	60.45	60	P	P	08 25 41.9	-0.3
M53A	WI Miller and	60.45	60	P	P	08 25 41.5	-0.7
M53A	WI Miller and	60.45	60	P	P		
M53A	baz=314,SNR=17			S	S	08 33 52.9	-1.9
LOF	comp=Z,314	60.48	357	eP	P	08 25 40.8	-1.1
LOF	Lofoten	60.48	357	eP	P		
STEI	comp=Z,10um,18.0s	60.62	356	eP	P	08 25 41.9	-0.9
STEI	Steigen	60.62	356	eP	P		
SEM	comp=Z,138nm,2.5s,baz=315	60.77	315	iP	P	08 25 42.7	-1.8
SEM	Semipalatinsk	60.77	315	iP	P		
SEM	Semipalatinsk	60.77	315	iP	P		
SEM	SEM			Pmax	Pmax		
SEM	comp=Z,138nm,2.5s			MLR	MLR		
ZSN	comp=Z,2um,17.0s	60.79	310	iP	P	08 25 43.6	-0.9
ZSN	Zaisan	60.79	310	iP	P		
ZSN	Zaisan	60.79	310	iP	P		
ZSN	Zaisan	60.79	310	Pmax	Pmax		
PLAL	comp=Z,97nm,1.5s	60.80	70	P	P	08 25 43.7	-1.0
PLAL	Pickwick Lake	60.80	70	P	P		
PLAL	Pickwick Lake	60.80	70	IAMS_20	IAMS_20	08 54 57.8	
P52A	comp=Z,2um,18.0s	60.92	62	IAMS_20	IAMS_20	08 51 55.9	
P52A	Corning	60.92	62	IAMS_20	IAMS_20		
P52A	Corning	60.92	62	P	P	08 25 44.5	-1.0
P52A	Corning	60.92	62	P	P		
P52A	Corning	60.92	62	S	S	08 33 59.2	-1.6
M54A	comp=Z,315	60.95	59	P	P	08 25 45.3	-0.3
M54A	Oil Creek Stat	60.95	59	P	P	08 25 45.2	-0.9
M54A	Oil Creek Stat	60.95	59	P	P		
M54A	Oil Creek Stat	60.95	59	P	P		
M54A	Oil Creek Stat	60.95	59	S	S	08 33 59.3	-1.3
O53A	comp=Z,315	61.00	61	IAMS_20	IAMS_20	08 55 03.8	
O53A	New Philadelph	61.00	61	IAMS_20	IAMS_20		
O53A	New Philadelph	61.00	61	P	P	08 25 45.0	-0.9
O53A	New Philadelph	61.00	61	P	P		
O53A	New Philadelph	61.00	61	S	S	08 34 00.6	-1.2
N54A	comp=Z,315	61.16	60	P	P	08 25 46.6	-0.5
N54A	Moraine State	61.16	60	P	P		
N54A	Moraine State	61.16	60	S	S	08 34 02.9	-1.0
N54A	Moraine State	61.16	60	S	S		
FAUS	comp=Z,315	61.16	356	eP	P	08 25 44.9	-1.7
FAUS	Fauske	61.16	356	eP	P		
MNTQ	comp=Z,4um,15.0s	61.23	52	P	P	08 25 46.6	-0.8
MNTQ	Montreal, Queb	61.23	52	P	P		
MNTQ	Montreal, Queb	61.23	52	P	P	08 25 46.3	-1.1
KURK	comp=Z,236nm,1.8s	61.25	316	eP	Pmax	08 25 47.7	+0.3
KURK	Kurchatov	61.25	316	eP	Pmax		
KURK	Kurchatov	61.25	316	P	MLR	08 25 47.8	+0.3
KURK	Kurchatov	61.25	316	P	Iamb	08 26 31.5	
KURK	Kurchatov	61.25	316	P	Iamb		
KURK	Kurchatov	61.25	316	P	P	08 25 47.0	-0.5
KURK	Kurchatov	61.25	316	P	P	08 25 47.0	-0.5
KURK	Kurchatov	61.25	316	PP	PP	08 25 47.0	-0.5
VBMS	comp=Z,3um,20.0s	61.30	74	IAMS_20	IAMS_20	08 54 38.1	
VBMS	Vicksburg	61.30	74	IAMS_20	IAMS_20		
VBMS	Vicksburg	61.30	74	P	P	08 25 47.5	-0.5
VBMS	Vicksburg	61.30	74	S	S	08 34 06.4	+0.7
Q52A	comp=Z,315	61.32	63	P	P	08 25 47.5	-0.6
Q52A	Bidwell	61.32	63	P	Iamb	08 25 49.6	
Q52A	Bidwell	61.32	63	Iamb	Iamb		
KURBB	comp=Z,229nm,1.4s	61.36	316</				

DZM	comp=Z,3umcomp=Z,245nm,1.4s	75.46 199	eS	P	08 27 15.2	-1.4
DZM	comp=Z,208nm,1.4s					
DZM	comp=Z,1um,24.9s					
DZM	Mont Dzumac	75.46 199	eLR	LR	08 50 32.0	
DZM	comp=Z,2um,20.4s,baz=24					
DZM	Mont Dzumac	75.46 199	LR	LR	08 57 31.5	
DZM	comp=Z,2um,18.7s,baz=34,slow=33					
GKN	Gorkha	75.48 297	eP	P	08 27 17.1	+0.1
GKN	comp=Z,2um,1.2s					
DMN	Daman	75.52 296	eP	P	08 27 17.6	+0.2
DMN	comp=Z,2um,1.3s					
FOEL	Foel Wyliya	75.56	6 eP	Iamb	08 27 16.1	-0.7
FOEL	comp=Z,174nm,1.2s					
LLW	Llanuwchllyn	75.56	6 eP	IAMS_20	08 27 16.7	-0.2
BBSR	BB Station	75.56 56	eP	IAMS_20	09 03 40.8	
BBSR	comp=Z,2um,18.0s					
BBSR	BB Station	75.56 56	↑P	P	08 27 18.0	+0.1
DANN	Danging	75.70 298	eP	P	08 27 19.0	+0.6
DANN	comp=Z,2um,1.0s					
SNET	Serv Nac Est T	75.79 86	IAMS_20	IAMS_20	08 56 59.5	
SNET	comp=Z,2um,20.0s					
CWF	Charnwood Fore	75.82	5 eP	P	08 27 17.7	-0.6
CWF	comp=Z,68nm,1.1s					
VAL	Valentia	75.86	11 ↑P	P	08 27 19.2	+0.7
WACR	West Acre	75.93	4 eP	Iamb	08 27 19.1	+0.2
WACR	comp=Z,331nm,1.0s					
HLM1	Long Mynd	75.95	6 eP	Iamb	08 27 18.9	-0.1
HLM1	comp=Z,60nm,1.3s					
RUE	Ruedersdorf	76.12 355	eP	P	08 27 19.7	-0.2
KOLN	Koldanda	76.24 297	eP	P	08 27 21.6	+0.2
KOLN	comp=Z,1um,1.2s					
BEL	Belsk	76.24 351	eP	ePcP	08 27 21.5	+0.8
BEL	comp=Z,21nm,0.4s,baz=18,slow=6.0,SNR=116					
AKASG	Malin Array Be	76.28 345	P	PcP	08 27 32.5	-0.3
AKASG	comp=Z,30nm,0.6s,baz=18,slow=6.1,SNR=8.5					
AKASG	LR				08 08 54.2	
PYUN	Piuthan	76.32 298	eP	P	08 27 22.4	+0.6
PYUN	comp=Z,1um,18.2s,baz=5.0,slow=42					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46	6 eP	Iamb	08 27 21.8	-0.1
MCH1	comp=Z,87nm,1.2s					
IBBN	Ibburenen	76.46 359	↑P	P	08 27 22.5	+0.6
IBBN	comp=Z,2um,1.0s					
DHRM	DHARAMSHALA	76.60 305	↑P	Iamb	08 27 23.7	+0.3
DHRM	comp=Z,192nm,1.1s					
TGUH	Teguigalpa,Un	76.73 84	IAMS_20	IAMS_20	08 56 34.2	
TGUH	comp=Z,2um,22.0s					
TGUH	Teguigalpa,Un	76.73 84	↑P	P	08 27 24.8	+0.6
TGUH	comp=Z,1um,1.0s					
FLTG	Flechtingen	76.37 357	P	P	08 27 21.1	-0.1
MCH1	Michaelchurch	76.46</				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like UOSS Minazif, UOSS HATD, HATD Hatta, CHIC Chingzha, MARP Paez, NAZ Nazwa, ASHO Ashiyah, PCON Cinco Dias, GVDS Gavdos, SOTA Rioblanc, BIDO Bidbid, WSAR Wadi Sarin, PACI Pacto, FAHQ Al Faqa, SOHO Soho, GCUF Volcan Galeras, CUSE Cullucocasto, ASUD Al Ashush, ASUD Al Ashush, OTAV Otavalo, HOQ Hoqain, KEST Kesra, WBD Wadi Bani Khal, SMO Samad, ALNE Al Ain, ALNE Al Ain, JLN Jalan Bani Buh, PMOZ Porto Moniz, ARQ Araqi, JMDO Jabal Madar, PTGC Puerto Gaitan, BSY Bisya, PALK Pallekele, PALK Pallekele, MACC Macarena, MHTO MHTO, PTLC Puerto Leguiza, BOVA Boa Vista, PTGA Pitinga, TORD Torodi, TORD Torodi, TORD Torodi, TORD Lodwar, DBIC Dimbokro, DBIC Dimbokro, ARAG Araguaiana, NBPA Parau, AQDS Aquidauana, SDBA SAO DE FERDIERO, NBLV Livramento, NBPV Pedro Velho, KMBO Kilima Mbogo, KMBO Kilima Mbogo, BDFB Brasilia, BDFB Brasilia, BDFB Brasilia, KIBW Kibwezi, NBPN Ponto Novo, NBPN Rio Formoso, NBAN Anadia, JNBR Januarja, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, GDUOI Guandu, B9B19 Bebedouro, PLCA Paso Flores, DIAM Diamantina, Vnda Vanda, Vnda Vanda, VOI Vohitsoka, PMSA Palmer Station, MATP Matopo, MATP Matopo, MAW Mawson, MAW Mawson, BOSB Boshof, SYO Syowa Base, SYO Syowa Base, VNA3 Neumayer, SNA4 Sanae, SNA4 Sanae, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ISC 02 08:19:53, KOPF Korovin Flat, KOSE Korovin South, KOKI Korovin Kluchef, KONE Korovin North, KOWE Korovin West, GSGI Igitkin Island, GSTD Great Sitkin, GSSP Great Sitkin, ADAG Mount Adagad, ADK Adak, KIWB Kanaga Island, TAFP Tanaga Falls, TASE Tanaga South, NIKH Nikolski High, NIKH Nikolski High, OKFG Magazine Ridge, UNV Skagway, KDKA Kodiak Island, SEW Seward, PWL Port Wells, EYAK Cordova Ski, PETK Petropavlovsk, HMT Hamilton, I23K Minto, I23K Minto, CCB Clear Creek, MDM Murphy, HDA Harding Lake, IL31 Ilkai, IL31 Ilkai, ILAR Eielson Array, H2AK Noodor, M26K Nabesna, M26K Nabesna, DOT Dot Lake, DOT Dot Lake, BMAR Burnt Mountain, HYT Haines Junction, SKAG Skagway, INK Inuvik, DLBC Dease Lake, YKLA Yellowknife, NEW Newport, NVAR Mina Array, NVAR Mina Array, PDAR Pinedale Array, ULM Lac du Bonnet, SONM Songoing Array, TXAR Lajitas Array, TXAR Lajitas Array, ARCES ARCES Array, ARCES ARCES Array, MKAR Makanchi Array, BVAR Borovoye Array, ARU Art, NOA NORSTAR Array, HFS Hagfors, AKTO Aktyubinsk, AKTO Aktyubinsk, GERS GERS Array, GERS GERS Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like OKSO Okmok South, OKTU Okmok Mt. Tuli, OKFG Magazine Ridge, CERAA Semis' Rag, CEPE Semis' Ferret, GESH Southeye, MSW Makushin Switc, MNAT Makushin Natee, AMKA Amchitka, UNV Unalaska Valle, UNV Unalaska Valle, AKMO Akutan Morgan, LSPA Little Sitkin, LSNW Little Sitkin, AKSA Akutan Broad B, AKSA Akutan, AKSA Akutan Strait, SPIA Saint Paul Is, WECS Westdahl Cape, ISLZ Isanotski Laza, FALS False Pass, FALS False Pass, SMY Shemya, SMDT Sand Point, SMDT Sand Point, CNBA Chernabura Is, CNBA Chernabura Is, CHGN Chignik, CHGN Chignik, GAMB Gambell, GAMB Gambell, SII Sitkinak Island, SII Sitkinak Island, P18K Big Mountain, P18K Big Mountain, OHAK Old Harbor, O18K Koktuh Hills, O18K Koktuh Hills, Q19K Cape Douglas, Q19K Cape Douglas, KDKA Kodiak Island, KDKA Kodiak Island, KDKA Kodiak Island, SVWZ Sparrevohn, ANM Nome, O19K Port Alsworth, N19K Bonanza Creek, TNA Tin City, O20K Slope Mountain, L19K White Mountain, M19K Big River Lodge, TTA Tatalina, BRSE Bradley Lake, L20K Farewell, K20K Telida, GCSA Galena City, SKT Skwentna, SEW Seward, SEW Seward, SUA Susitna One, SUA Susitna One, O22K Cooper Landing, O22K Cooper Landing, PPLA Purkeypile, PPLA Purkeypile, RC01 Rabbit Creek, J20K Nowinta River, J20K Nowinta River, M22K Willow, CAST Castle Rocks, CAST Castle Rocks, CUT Chulitna, CHUM Lake Minchumina, PMR Palmer, PWL Port Wells, GHO Glory Hole Cre, KNK Knik Glacier, KNK Knik Glacier, KTH Kantishna Hill, KTH Kantishna Hill, SML Sawmill, TRF Tofino Foun, BPWA Bear Paw Mtn, BPWA Bear Paw Mtn, GLI Glezio Island, PET Petropavlovsk, PET Petropavlovsk, RDGC Red Dog Mine, HIN Hinchoodine, FID Fort Fidalgo, SCM Sheep Creek Mo, SCM Sheep Creek Mo, I21K Tanana, I21K Tanana, RND Reindeer, RND Reindeer, H21K Melozina Rive, H21K Melozina Rive, MCK McKinley, MCK McKinley, MCK McKinley, EYAK Cordova Ski, BWN Browne.

NEIC 02 08:19:49.2.5.51.45N.0.05:173.29W.0.06, h10km, 1km, mb4.4/15, ML3.9/24(AEIC), Error ellipse: s-maj=9.2km s-min=6.2km az=193.0
AEIC 02 08:19:52.1.9.51.52N.0.07:173.33W.0.08, h41km, 7km, Error ellipse: s-maj=9.6km s-min=6.7km az=188.0
IDC 02 08:19:55.5.1.3.51.77N.173.37W, h42km, 6km, mb4.1/18, mb1.4/3/21, mb1mx4.0/6, mbtmp4.2/1, ML4.2/2, Error ellipse: s-maj=35.8km s-min=13.2km az=12.0

MOS 02 08:24:22.6.0.9.51.71N:173.29W, h24km, mb5.3/47, Error ellipse: s-maj=7.9km s-min=5.7km az=179.7
NEIC 02 08:24:22.2.2.51.59N.0.08:173.33W.0.06, h10km, 1km, mb5.1/144, ML4.6(AEIC), Error ellipse: s-maj=13.6km s-min=6.2km az=173.0
BUJ 02 08:24:24.2.0.0.51.96N:173.81W, h22km, mb5.4/29, mb5.4/63, MS5.5/25, M5.7/3/25
AEIC 02 08:24:25.1.7.51.57N.0.08:173.31W.0.07, h46km, 4km, Error ellipse: s-maj=11.3km s-min=6.3km az=174.0
IDC 02 08:24:26.8.0.6.51.64N:173.31W, h44km, 5km, mb4.7/43, mb1.4/8.45, mb1mx4.8/58, mbtmp5.0/45, ML4.7/2, Error ellipse: s-maj=12.4km s-min=7.3km az=173.0
BGR 02 08:24:35.9.0.0.52.50N:174.32W, h33km, mb5.1
ISC 02 08:24:25.0.0.6.51.64N.0.06:173.30W.0.03, h28km, 3km, h28km; p-P, n882, i194/904, mb5.2/204, 191C-142D, Full plane solution: NP1:243.81754°, 883.37663°, λ-123.60788°. NP2:143.97179°, 834.17900°, λ-11.84799°. Principal axes: T Plg30.2266°, Azm0.7522°; N Plg33.3541°; Azm240.2010°; P Plg41.8005°, Azm122.1478°; Andreev Islands

ISC 02 08:24:25.0.0.6.51.64N.0.06:173.30W.0.03, h28km, 3km, h28km; p-P, n882, i194/904, mb5.2/204, 191C-142D, Full plane solution: NP1:243.81754°, 883.37663°, λ-123.60788°. NP2:143.97179°, 834.17900°, λ-11.84799°. Principal axes: T Plg30.2266°, Azm0.7522°; N Plg33.3541°; Azm240.2010°; P Plg41.8005°, Azm122.1478°; Andreev Islands

2nd 8h

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Table with columns: Name, Time, Score, Rank, and other details. Includes entries like KONO Kongsberg, KBK Karagaybulak, VSU Vasula, etc.

Table with columns: Name, Time, Score, Rank, and other details. Includes entries like UBBA Unterbreizbach, OJC Ojow, UPC Upice, etc.

Table with columns: Name, Time, Score, Rank, and other details. Includes entries like RETA Reutte, ARSA Arzberg, WATA Waldemar, etc.

Table with columns: TORQ, PPKPbcb, PPKPbcb, 08 53 39.9+3.7, etc. Includes stations like ARAG Araguaiana, NBPA Parau Rin, AOBMA Muruti, etc.

NEIC 02 08:27:48.3:1.8, 51.58N, 0107:173:24W, 0.05, h10km, 1km, mb5.0/128, ML4.3(AEIC) Error ellipse: s-maj=12.6km s-min=4.7km az=189.0

AEIC 02 08:27:48:1.8, 51.52N, 0105:173:27W, 0.05, h7km, 4km, Error ellipse: s-maj=7.5km s-min=3.7km az=207.0

MOS 02 08:27:48.2:0.8, 51.71N, 173:33W, h21km, mb5.2/40, Error ellipse: s-maj=9.5km s-min=8.7km az=152.8

BUI 02 08:27:50.0:5.0, 52:37N, 173:86W, h20km, mb5.2/21, mb5.1/53, Ms5.5/13, Ms7.5/313

IDC 02 08:27:52.6:0.6, 51.70N, 173:39W, h45km, 4km, mb4.4/36, mb1.4/638, mb1.6mx4.61, mbtmp4.638, Error ellipse: s-maj=14.6km s-min=9.2km az=172.0

BGR 02 08:28:03.9:0.0, 53:08N, 174:30W, h33km, mb4.8

ISC 02 08:27:50.6:0.5, 51:53N, 0107:173:31W, 0.03, h31km, 2km, h31km:pp-P, n626, c084/634, mb5.0/176, 41C-16D,

Andronof Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations like KOFF Korovin Flat P, KOSL Korovin South, etc.

Table with columns: RND, Reindeer, 17.56 38 P, Pn, 08 31 52.3 -0.5, etc. Includes stations like RND RND, H21K Reindeer, H21K Molozina Rive, etc.

Table with columns: HMT Hamilton, I23K Minto, Yukon-K, I23K Minto, Yukon-K, BMRM Bremner River, etc.

Andronof Islands

Table with columns: COLA College, COLA College, COLA College, etc. Lists stations like COLA College, COLA College, COLA College, etc.

Table with columns: WRAK Wrangell Islan, 24.29 62 P, P, 08 33 06.8 +2.0, etc. Includes stations like WRAK Wrangell Islan, MMPY Sheldon Lake, INK Inuvik, etc.

Table with columns: DLBC Dease Lake, 25.38 57 P, P, 08 33 15.8 +1.1, etc. Includes stations like DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, etc.

Andronof Islands

Table with columns: ERM Erimo, 30.88 269c P, P, 08 34 06.1 +2.1, etc. Lists stations like ERM Erimo, ERM Erimo, ERM Erimo, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like Grant Village, Cottonwood Cre, GRAC Grapevine Rang, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like SPITS Spitsbergen Ar, TIA Tai'an, BGNE Belgrade, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like WMQ comp=Z,2um,17.3s, WMQ comp=Z,1um,18.5s, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ODAN Odare, GUN Gumba, CHYGR Chuyangaron, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CKRC Cesky Krumlov, GECZ GERESS Array B, GERES GERESS Array B, etc.

mb5.1/63, Ms5.4/22, Ms7.5/121
IDC 02 08:31:19.6, 0.5, 1.61:63N, 173:31'W, h24km, mb4.5/48,
mb1 4.7/50, mb1mx4.6/72, mbtmp4.8/50, ML4.5/2, MS4.7/11,
Ms1 4.7/11, ms1mx4.4/54, Error ellipse: s-maj=12.3km
s-min=8.0km az=179.0

GCMT 02 08:31:19.3, 0.2, 51.44N, 0.01:1.73:22W, 0.02, h21km,
MMV5.3/124, Moment Tensor Solution. s38, c48;
s124, c200; Duration: 1s1 Moment tensor: Scale 1017
Nm; Mn:0.89; Ms:0.79; M0:0.10; 03;
Mn:0.77; Ms:0.23; M0:1.0; Mr:0.30; 04; Best double
couple: Mb1.20500x1017 NPT1:q255.00000, s24.00000,
r25.00000; NP2:q70.00000, b67.00000; s88.00000;
Principal axes: T 1.2210, P1668.0000, Azm336.0000; N
-0.0320, Plg2.0000; Azm71.0000; P -1.1890,
Plg22.0000; Azm162.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
BGR 02 08:31:23.9, 0.0, 52.16N, 175:64'W, h46km, mb4.7
ISC 02 08:31:18.0, 0.4, 51.52N, 0.06:173:27W, 0.03, h33km, 1km,
h35km; p-P, n90.4, 0f93/932, mb5.1/220, MS4.9/16,
36C-25D, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like KOPF Korov Flat, KOKL Mount Kluichef, KONE Korovin Northe, etc.

MOS 02 08:31:15.1, 1.0, 51.58N, 173:27'W, h22km, mb5.4/59,
Error ellipse: s-maj=9.6km s-min=8.3km az=162.6
NEIC 02 08:31:15.3, 2.3, 51.56N, 0.07:173:27W, 0.06, h10km, 1km,
mb5.3/217, ML4.8(AEIC), Error ellipse: s-maj=12.3km
s-min=6.2km az=175.0
AEIC 02 08:31:16.1, 9.51, 45N, 0.07:173:28W, 0.06, h17km, 3km,
Error ellipse: s-maj=10.8km s-min=5.5km az=174.0
BUJ 02 08:31:17.8, 0.0, 52.04N, 173:78'W, h26km, mb5.5/29,

2d 8h

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like Castle Rocks, Lake Minchumir, Port Wells, etc.

2015 NOV

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like Joseph Creek, Pinnacle, Pinnac, etc.

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Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like McMinnville, Terner, Tennyson, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like McKenzie Canyo, Eagleton, Little Huntuon, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like WUAZ Wupatki, NEEM North Greenlan, NOR Lac du Bonnet, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like GLMI Graying, WHN Wuhan, HDIL Hopedale, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

ISC 02 10:32:14.1, 1.0, 6.51:65N; 173:28W, h0km, mb4.4/39, mb1.4/541, mb1mx4.4/71, mbtmp4.4/41, ML4.1/2, MS4.1/29, Ms1.4/129, ms1mx1.0/49, Error ellipse: s-maj=16.9km, s-min=9.5km, az=174.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

ISC 02 10:32:18.8, 0.4, 51.51N; 07:173:26W, 0.03, h37km, n429, s1925/369, mb4.5/111, MS4.1/32, 11C-2D, Andreev Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

ISC 02 10:32:15.4, 1.0, 51.68N; 173:31W, h17km, mb4.7/26, Error ellipse: s-maj=9.0km, s-min=7.2km, az=92.4

DLBC	Dease Lake	25.38	57	P	P	10 37 43.7	+1.4
DLBC	comp=Z,6.6nm,0.8s,baz=287,slow=9.8,SNR=12						
DLBC	comp=Z,589nm,18.7s,baz=292,slow=38						
INK	Inuvik	25.39	34	P	P	10 37 41.5	-0.7
INK	comp=Z,11nm,0.7s,baz=244,slow=7.1,SNR=38						
INK	Inuvik	25.39	34	P	P	10 37 41.0	-1.1
INK	comp=Z,10.0nm,0.6s						
INK	Inuvik	25.39	34	P	P	10 37 41.0	-1.1
INK	comp=Z,10nm,0.6s						
INK	Inuvik	25.39	34	P	P	10 37 41.3	-0.8
INK	comp=Z,249,SNR=20						
TGNT	Hyland Airport	26.23	50	P	P	10 37 50.1	+0.2
BBB	Bella Bella	27.56	71	LR	LR	10 47 47.1	
BBB	comp=Z,237nm,18.9s,baz=295,slow=34						
YSS	Yuzh-Sakhalins	28.75	278	eP	P	10 42 55.1	+0.6
YSS	comp=Z,25nm,1.1s						
YSS	comp=Z,30nm,1.1s						
YSS	comp=Z,700nm,13.0s						
YSS	comp=N,300nm,19.0s						
YSS	comp=E,400nm,18.0s						
A36M	Sachs Harbour	29.31	28	Iamb	Iamb	10 38 19.9	
A36M	comp=Z,2.2nm,0.8s						
A36M	Sachs Harbour	29.31	28	P	P	10 38 16.3	-0.9
A36M	comp=Z,252,SNR=7.9						
JKA	Kamikawa-asahi	30.17	273	P	P	10 38 26.5	+1.4
JKA	comp=Z,3.3nm,0.5s,baz=100,slow=13,SNR=10						
JKA	Kamikawa-asahi	30.17	273	Iamb	Iamb	10 38 33.3	
JKA	comp=Z,25nm,1.1s						
ASAJ	Asahikawa	30.17	273	P	P	10 38 26.5	+1.4
ASAJ	comp=Z,14nm,0.8s,baz=58,slow=5.7,SNR=8.7						
YAK	Yakutsk	31.93	312	LR	LR	10 52 01.7	
YAK	comp=Z,815nm,18.3s,baz=292,slow=37						
TIXI	Tiksi	32.25	330	P	P	10 38 42.6	-0.5
TIXI	comp=Z,3.3nm,0.5s,baz=100,slow=13,SNR=10						
TIXI	Tiksi	32.25	330	eP	P	10 38 43.3	+0.2
B05A	Bryant	32.58	277	P	P	10 38 44.7	-1.5
B05A	comp=Z,25nm,1.1s						
YKA	Yellowknife Ar	32.61	47	P	P	10 38 45.2	-1.2
YKA	comp=Z,0.6nm,0.4s,baz=223,slow=13,SNR=7.7						
YKA	Yellowknife Ar	32.61	47	eP	P	10 38 48.2	+1.9
YKA	comp=Z,679nm,18.0s,baz=0,slow=40						
YKA	Yellowknife Ar	32.61	47	eP	P	10 38 48.2	+1.9
YKA	comp=Z,1.0nm,0.4s						
B08A	Colville Reser	34.20	74	Iamb	Iamb	10 39 25.1	
B08A	comp=Z,11nm,1.1s						
KLR	Kul'dur	34.46	288	P	P	10 39 02.2	-0.4
KLR	comp=Z,3.1nm,0.5s,baz=73,slow=6.8,SNR=17						
KLR	Kul'dur	34.46	288	LR	LR	10 55 16.8	
KLR	comp=Z,262nm,18.4s,baz=65,slow=40						
KLR	Kul'dur	34.46	288	eP	P	10 39 02.6	0.0
KLR	comp=Z,10.0nm,1.6s						
HAWA	Hanford	34.98	77	P	P	10 39 08.4	+1.2
HAWA	comp=Z,6.3nm,0.7s						
H112	WAKE ISLAND Hy	35.34	214	T	T	11 17 25.9	
H112	comp=Z,21,slow=76,SNR=66						
H113	WAKE ISLAND Hy	35.35	214	T	T	11 17 14.3	
H113	comp=Z,21,slow=76,SNR=66						
H111	WAKE ISLAND Hy	35.36	214	T	T	11 17 27.0	
H111	comp=Z,21,slow=76,SNR=36						
NEW	Newport	35.56	73	P	P	10 39 12.8	+0.6
NEW	comp=Z,3.7nm,0.8s,baz=290,slow=11,SNR=4.4						
NEW	Newport	35.56	73	Iamb	Iamb	10 39 36.9	
NEW	comp=Z,12nm,1.1s						
NEW	Newport	35.56	73	P	P	10 39 12.3	+0.1
EDM	Edmonton	35.69	63	P	P	10 39 14.3	+1.1
EDM	comp=Z,297						
EDM	Edmonton	35.69	63	P	P	10 39 14.3	+1.1
EDM	comp=Z,19nm,1.1s						
EDM	Edmonton	35.69	63	P	P	10 39 14.3	+1.1
M04C	Macdoel	35.93	85	P	P	10 39 16.0	+0.4
M04C	comp=Z,30						
O02D	Mt. Diablo Mer	36.25	88	P	P	10 39 01.0	-0.2
O02D	comp=Z,2.8nm,1.2s						
H11S1	WAKE ISLAND Hy	36.54	213	T	T	11 18 42.8	
H11S1	comp=Z,20,slow=76,SNR=30						
H11S2	WAKE ISLAND Hy	36.56	213	T	T	11 18 50.3	
H11S2	comp=Z,20,slow=76,SNR=25						
H11S3	WAKE ISLAND Hy	36.56	213	T	T	11 18 46.9	
H11S3	comp=Z,20,slow=76,SNR=20						
USRK	Ussuriysk Ar.	36.70	281	P	P	10 39 21.8	-0.1
USRK	comp=Z,2.8nm,0.4s,baz=60,slow=9.5,SNR=20						
USRK	Ussuriysk Ar.	36.70	281	LR	LR	10 54 58.7	
USRK	comp=Z,377nm,20.5s,baz=52,slow=37						
USRK	Ussuriysk Ar.	36.70	281	P	P	10 39 20.9	-1.0
USRK	Ussuriysk Ar.	36.70	281	P	P	10 39 20.9	-1.0
O03E	Paynes Creek	36.80	87	P	P	10 39 22.9	-0.3
O03E	comp=Z,306						
MOD	Modoc Plateau	36.82	84	Iamb	Iamb	10 39 42.8	
MOD	comp=Z,20nm,1.4s						
J08A	Circle Bar Ran	37.16	81	P	P	10 39 27.8	+1.8
J08A	comp=Z,8.0nm,1.2s						
MJAO	Matsu Arr-Jizo	37.22	266	eP	P	10 39 31.8	+5.4
MJAO	comp=Z,1.0nm,0.5s						
MJAR	Matsushiro Arr	37.24	266	P	P	10 39 27.9	+1.3
MJAR	comp=Z,1.0nm,0.5s,baz=26,slow=6.8,SNR=4.8						
MJAR	Matsushiro Arr	37.24	266	LR	LR	10 53 14.0	
MJAR	comp=Z,279nm,21.5s,baz=30,slow=34						
WVOR	Wild Horse Val	37.56	82	Iamb	Iamb	10 39 58.4	
WVOR	comp=Z,6.8nm,0.8s						
BEKR	Beckworth	37.95	87	P	P	10 39 35.6	+2.8
BEKR	Missoula	38.14	73	P	P	10 39 36.5	+2.3
BEKR	Missoula	38.14	73	Iamb	Iamb	10 39 50.0	+1.4
MSO	Missoula	38.14	73	P	P	10 39 34.6	+0.4
MSO	comp=Z,5.1nm,0.9s						
MSO	Missoula	38.14	73	P	P	10 39 40.2	+1.6
PAHR	Pah Rah Range	38.65	86	P	P	10 39 55.4	
PAHR	comp=Z,13nm,1.2s						
PNTR	Pine Nut	38.88	87	P	P	10 39 42.8	+2.2
PNTR	comp=Z,12nm,0.8s						
PNTR	Pine Nut	38.88	87	Iamb	Iamb	10 40 00.5	
PNTR	comp=Z,12nm,0.8s						
YERR	Yerington	39.17	87	P	P	10 39 44.5	+1.5
YERR	comp=Z,6.3nm,0.9s						
HRV	Holter Researc	39.45	72	P	P	10 39 46.2	+1.0
HLID	Hailey	39.54	78	P	P	10 39 48.0	+2.0
HLID	Hailey	39.54	78	P	P	10 39 45.2	-0.9
KVN	Kaiserville	39.84	86	P	P	10 39 50.0	+1.4
KVN	comp=Z,11nm,1.5s						
KVN	Kaiserville	39.84	86	P	P	10 39 50.0	+1.4
KVN	comp=Z,11nm,1.5s						
EGMT	Eagleton	40.02	69	P	P	10 39 51.1	+1.2
EGMT	comp=Z,11nm,0.8s						
EGMT	Eagleton	40.02	69	P	P	10 39 49.2	-0.7
EGMT	comp=Z,11nm,0.8s						
NVAR	Mina Array Bea	40.09	87	P	P	10 39 52.6	+1.9
NVAR	comp=Z,1.8nm,0.8s,baz=293,slow=8.2,SNR=14						
NVAR	Mina Array Bea	40.09	87	LR	LR	10 53 26.1	
NVAR	comp=Z,181nm,20.7s,baz=282,slow=32						
BOZ	Bozeman (W)	40.15	73	P	P	10 39 50.8	-0.2
ELK	Elko	40.62	82	P	P	10 39 55.9	+0.8
ELK	comp=Z,3.0nm,0.9s						
ELK	Elko	40.62	82	P	P	10 39 55.9	+0.8
ELK	comp=Z,3.0nm,0.9s						
YHL	Hedgen Lake	40.81	74	Iamb	Iamb	10 40 21.4	
YHL	comp=Z,5.3nm,1.0s						
SMMC	Simmler	40.98	92	P	P	10 39 58.8	+1.0
SMMC	comp=Z,310						
YMR	Madison River	41.04	74	P	P	10 39 58.6	+0.2
YHM	Holmes Hill	41.04	74	P	P	10 39 58.4	-0.1
YHM	comp=Z,5.7nm,0.9s						
YHM	Holmes Hill	41.04	74	Iamb	Iamb	10 40 15.0	
YHM	comp=Z,5.7nm,0.9s						
YHM	Holmes Hill	41.04	74	P	P	10 40 00.7	+1.0
YHM	comp=Z,5.7nm,0.9s						
CWC	Cottonwood Cre	41.46	89	P	P	10 40 01.2	-0.7
CWC	comp=Z,309						
HVU	Hansel Valley	41.54	79	P	P	10 40 04.2	+1.6
HVU	comp=Z,4.0nm,0.9s						
HVU	Hansel Valley	41.54	79	P	P	10 40 04.2	+1.6
HVU	comp=Z,4.0nm,0.9s						
GRAC	Grapevine Rang	41.55	88	P	P	10 40 01.5	-1.1
GRAC	comp=Z,17nm,1.0s						
ISA	Isabella, Lake	41.70	90	P	P	10 40 03.5	-0.3
ISA	comp=Z,17nm,1.0s						
RLMT	Red Lodge	41.81	73	Iamb	Iamb	10 40 26.1	
RLMT	comp=Z,7.3nm,0.9s						
RLMT	Red Lodge	41.81	73	P	P	10 40 02.7	-2.1
RLMT	comp=Z,7.3nm,0.9s						
R11A	Troy Canyon, C	41.83	85	P	P	10 40 05.1	+0.2
R11A	comp=Z,308,SNR=5.3						
FURC	Furnace Creek,	42.20	88	P	P	10 40 07.8	0.0
FURC	comp=Z,309						
DUG	Dugway, Tooele	42.44	81	P	P	10 40 08.8	-1.1
DUG	comp=Z,306						
GWY	Greenwater Val	42.50	88	Iamb	Iamb	10 40 37.8	
GWY	comp=Z,2.5nm,1.1s						

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like LBNH Lisbon, BRVK Borovoye, ARU Arti, etc.

IDD 02 10:34:46.3±2.0, 51°51'N-173°18'W, h0km, mb3.7/6, mb1 3.9/9, mb1mx3.6/7.1, mbtpr3.8/9, ML3.0/2, Error ellipse: s-maj=57.0km s-min=21.1km az=173.0

AEIC 02 10:34:50.1±2.0, 51°47'N-0°05'173.2'W, h29km, 6km, ML3.3/12, Error ellipse: s-maj=11.7km s-min=4.6km az=53.0

NEIC 02 10:34:50.9±1.5, 51°52'N-0°07'173.1'W, h1km, 4km, Error ellipse: s-maj=13.0km s-min=4.5km az=225.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like KOPF Korovin Flat P, KOSE Korovin Southe, KOKL Mount Klueche, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND Hy 35.58 213 T, PDAR Pinedale Array, SONM Songino Array, etc.

IDD 02 10:36:29.4±2.8, 8°36'N-82°29'W, h0km, mb4.0/8, mb1 4.2/8, mb1mx4.0/31, mbtpr4.0/8, MS3.4/2, Ms1 3.4/2, ms1mx3.0/39, Error ellipse: s-maj=113.9km s-min=23.3km az=38.0

UPA 02 10:36:30.7±1.9, 8°31'N-82°83'W, h10km, 3km, MW4.7 INET 02 10:36:30.3, 8°51'N-83°28'W, h15km, MW4.1 UCR 02 10:36:31.4±1.7, 8°32'N-82°85'W, h19km, 3km, MW4.6, mb4.4(NEIC)

NEIC 02 10:36:32.6±2.5, 8°45'N-0°07'82.74'W, h2km, 6km, mb4.4/33, Error ellipse: s-maj=11.2km s-min=1.6km az=197.0

ISC 02 10:36:31.1±1.0, 8°31'N-0°03'82.82'W, h2km, 5km, n134, e1930/141, mb4.4/23, 5C-20D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like PTPM Petrolmetinale, CDITO Canos, BAGA3 Bagala, Chiriq, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like BCIP Isla Barro Col, DUNO Dulce Nombre, ARRJA Arrajjan, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like 146A Union, SAML Samuel, V48A Smith Brothers, etc.

ISK 02 10:37:06.9±4.7, 32°N-30°05'E, h24km, ML3.1/14 D 02 10:37:07.5, 34°39'N-30°10'E, h30km, 4km, ML2.6 NIC 02 10:37:09.0±0.3, 34°31'N-30°08'E, h33km, 20km, ML3.4/4 ISC 02 10:37:07.7±1.3, 34°78'N-0°04'30.04E, h20km, 8km, n40, e19160/2C, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like KSL Kastellorizon, AKAS Kas, AKAS Kas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include Mathiatis, Yerkesik, Datca, Datca, TAVAs, MULA, TEKE, BRDR, HDMB, ERMEK, SEYD, SEDI, BERE, BODT, GULN, GULN, TEVE, AYDN.

IDC 02 10:39:32.9, 0.8, 36.98N, 69.87E, h0km, mb4.0/13, mb1.4/17, mb1mx3.9/48, mbtmp4.0/17, ML4.0/4, MS4.2/1, MS1.4/2.1, ms1mx2.9/56, Error ellipse: s-maj=15.7km s-min=14.4km az=45.0

NCC 02 10:39:40.0, 1.4, 37.17N, 69.66E, h122km, 36km, mb3.7, mpy4.3, Error ellipse: s-maj=12.1km s-min=10.2km bz=20.0

ISC 02 10:39:33.9, 0.6, 36.36N, 69.69E, 0.06, h10km, n35, 2511/40, mb3.9/12, 4C-3D, Hindu Kush region

Main table for 2015 NOV with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include CEP, CHCP, THW, AML, KK31, EKS2, AAK, AAK, AAK, AAK, AAK, KBK, CHMS, USP, TKM2, TKM2, MDOK, GEYT, GEYT, AB31, AKTO, AKTO, ARU, BELG, BELG, CMAR, AKASG, FINES, ARCES, NB2, NOA, JMJC, TORI, INK, YKA, WRA, ASAR, WEL 02 10:42:11.6, 1.0, 32.5, 16.179W, 2.8, h454km, 23km, M3.8/16, mb4.3/12, ML4.7/24, MLV4.6/16, Mw(mb)3.4/12, Error ellipse: s-maj=10.0km s-min=0.0km az=113.9, Kermadec Islands region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include TLZ, MRHZ, ARHZ, HZ, TVUZ, KAHZ, FWVZ, BHHZ, KRHZ, PXZ, WRZ, TSZ, ANVZ.

NCC 02 10:49:43.1, 2.3, 53.02N, 90.78E, h0km, mb3.6, mpv3.2, 3C-6D, Error ellipse: s-maj=16.9km s-min=12.3km az=72.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include ZAAO, ZAAO, KURK, KURK, KURB, KURB, KURB, MK31, MK31.

NOU 02 11:07:06.1, 19.20S, 168.76E, h0km, MLV4.2/7, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include RTV, DVP, LIFNC, LIFNC, DZM, PINNC.

IDC 02 11:15:6.2, 0.2, 51.1N, 95.38E, h0km, mb3.8/5, mb1.4/0.7, mb1mx3.6/64, mbtmp3.9/7, ML3.8/2, Error ellipse: s-maj=6.1km s-min=2.1km az=55.0

NEIC 02 11:10:20.6, 0.5, 2.6N, 0.1, 95.4E, 0.2, h29km, 3km, mb4.4/8, Error ellipse: s-maj=28.1km s-min=10.4km

DJA 02 11:10:24.0, 7.0, 3.3N, 3.9E, h20km, 3km, M4.1/7, mb4.8/2, mb5.7/1, MLV3.8/7, Mw(mb)5.2/1

ISC 02 11:10:17.9, 0.8, 2.63N, 0.06, 95.62E, 0.07, h10km, m34, 1243/33, mb4.5/9, Off west coast of northern Sumatra

Main table for 2015 NOV with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include SNSI, TPTI, GSI, GSI, LHMI, LHMI, PSI, MNSI, SISI, PALK, CM31, CMAR, CMAR, H0S2, H0S2, H0S3, H0S3, H0S1, H0S1, H01W3, H01W3, H01W2, H01W2, H01W1, H01W1, WBO, WBO, WRA, WRA, WRO, WRO, MK31, MK31, MKAR, MKAR, MKAR, ASAR, ASAR, ASAR, SONM, ZALV, ZALV, CTAO, ABKAR, ARCES, IDC 02 11:16:32.6, 0.8, 51.70N, 173.32W, h0km, mb4.0/21, mb1.4/2.2, mb1mx0.05/0, mbtmp4.0/23, ML3.8/2, MS3.4/2, MS1.3/2.2, ms1mx1.9/28, Error ellipse: s-maj=23.0km s-min=13.5km az=173.0, NEIC 02 11:16:35.0, 2.5, 51.63N, 173.28W, 0.08, h10km, 2km, mb4.2/56, ML3.6(AEIC), Error ellipse: s-maj=14.3km s-min=8.4km az=173.0, AEIC 02 11:16:35.2, 6.5, 1.48N, 10.09, 173.24W, 0.09, h26km, 8km, Error ellipse: s-maj=13.2km s-min=7.6km az=175.0, ISC 02 11:16:34.4, 0.6, 51.61N, 173.30W, 0.05, h10km, n131, 119/12, mb4.2/28, Andreanof Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include TAPA, TAPA, TASE, TASE, NIKH, NIKH, GAEA, GAEA, OKWG, OKWG, OKFG, OKFG, MSW, MSW, AMKA, AMKA, UNV, UNV, AKUT, AKUT, CNFM, CNFM, CHGN, CHGN, SII, SII, OHAK, OHAK, O1BK, O1BK, O1GK, O1GK, KDKA, KDKA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include L19K, M19K, CNFM, BRKL, K20K, SKT, SEW, SIA, SIA, O22K, PPLA, PPLA, J20K, J20K, PMR, PMR, PWR, PWR, GHO, GHO, GHO, GHO, KNK, KNK, SML, SML, SML, SML, TRF, TRF, BPWA, BPWA, HIN, HIN, FID, FID.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include IMAR, IMAR, H21K, H21K, MCK, MCK, MCK, MCK, EYAK, PETK, MLY, KLU, KLU, M24K, M24K, I23K, I23K, BMRM, BMRM, WRH, WRH, N25K, N25K, CCB, CCB, BERG, BERG, H23K, PAX, HDA, HDA, GLB, VDRD, VDRD, IL31, IL31, ILAR, ILAR, ILAR, RIDG, M26K, DOT, GRNC, GRNC, SCRK, SCRK, LOGN, M27K, PCK, L27K, FYU, TOLK, TOLK.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include M24K, I23K, BMRM, WRH, N25K, CCB, BERG, H23K, PAX, HDA, GLB, VDRD, IL31, ILAR, ILAR, RIDG, M26K, DOT, GRNC, SCRK, LOGN, M27K, PCK, L27K, FYU, TOLK.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include EGAK, BMAR, SEY, DAWY, DAWY, HTY, HTY, SKAG, SKAG, INK, INK, INK, DLBC, A36M, A36M, H1N2, H1N2, H1N3, H1N3, H1N1, H1N1, H1S1, H1S1, H1S2, H1S2, H1S3, H1S3, MJAR, MJAR, NVAR, NVAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include EGAK, BMAR, SEY, DAWY, HTY, SKAG, INK, DLBC, A36M, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, MJAR, NVAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include EGAK, BMAR, SEY, DAWY, HTY, SKAG, INK, DLBC, A36M, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, MJAR, NVAR.

Table with columns: PPT, PPT2, XMAS, TBI, HNR, ARMA, H1S12, H1S13, H1S11, H1H18, H1H11, H1H12, STKA, WB0, WB2, WRA, WRA, AS31, ASAR, ASAR, IMJAR, QSPA, QSPA, KRSR, TXAR, TXAR, ILAR, IMAR, GERES, BRTR, BRTR, Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC

NEIC 02 11:16:44.0±0.37,04N.001.97.53W.0.01, h5km,5km, Error ellipse: s-maj=2.0km s-min=1.5km az=196.0.

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

KRSC 02 11:25:45.4±1.9,5443N.165.54E, h41km,25km,ML3.8, Komandorsky Islands region

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

IDC 02 11:35:43.6±1.9, 15.465S.172.83W, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.8/28, mbtmpt3.8/5, MS3.79, Ms1 3.7/9, ms1mx3.5/29, Error ellipse: s-maj=100.1km s-min=20.2km az=141.0

NOU 02 11:35:49.2, 14.865S.172.95W, h0km, MLv4.1/4, Samoa Islands

NEIC 02 11:35:50.2±1.0, 15.35S.0.1-173.0W.0.2, h35km,2km, mb4.3/7, Error ellipse: s-maj=25.3km s-min=17.9km az=87.0

ISC 02 11:35:48.4±0.7, 15.13S.0.08.172.9W.0.1, h29km, n36, s1860/22, mb4.2/10, MS3.6/10, Samoa Islands region

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

Table with columns: PPT, PPT2, XMAS, TBI, HNR, ARMA, H1S12, H1S13, H1S11, H1H18, H1H11, H1H12, STKA, WB0, WB2, WRA, WRA, AS31, ASAR, ASAR, IMJAR, QSPA, QSPA, KRSR, TXAR, TXAR, ILAR, IMAR, GERES, BRTR, BRTR, Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC

SKHL 02 11:50:46.5±0.2, 43.30N.150.20E, h37km,3km, mb4.3/2 JMA 02 11:50:47.1±1.0, 43.84N.150.28E, h30km, M3.8, ISC 02 11:50:47.3±6.3, 43.37N.0.09.150.2E.0.2, h35km, m20, s181/32, East of Kuril Islands

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

EAJ 02 12:02:18.2±1.4, 18.55S.31.22E, h10km, MD3.6, BUL 02 12:02:10.6±0.6, 18.94S.31.79E, h10km, MD3.1, Zimbabwe

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

NEIC 02 12:07:18.5±0.6, 37.06N.0.01.97.52W.0.01, h5km,1km, Error ellipse: s-maj=3.0km s-min=2.5km az=29.0.

Table with columns: OKCSW, R32A, FNO, TUL1, KSU1, WNOK, HHAR, X37A, S39A, U40A, AMTX, P39A, MIAR, R40A, FCAR, WHAR, T42A, FVM, Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC

IDC 02 12:17:13.1±1.7, 32.21S.137.41W, h0km, mb4.1/8, mb1 4.1/8, mb1mx3.9/36, mbtmpt4.1/8, MS4.0/10, Ms1 4.0/10, ms1mx3.7/36, Error ellipse: s-maj=47.3km s-min=21.9km az=163.0

ISC 02 12:17:14.4±1.4, 32.2S.0.3.134W.0.1, h10km, n15, s065/9, mb4.2/8, MS4.0/10, Southern Mid-Atlantic Ridge

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

IDC 02 12:20:10.5±2.8, 47.9N.93.71E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.8/44, mbtmpt3.7/5, ML4.2/11, MS3.6/11, Ms1 3.6/11, ms1mx2.7/43, Error ellipse: s-maj=11.0km s-min=25.3km az=61.0, Off west coast of northern Sumatra

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

NOU 02 12:29:21.3, 24.01S.179.57W, h538km, mb4.8/59, South of Fiji Islands

IDC 02 12:29:23.5±0.7, 24.14S.179.89E, h513km, 7km, mb4.1/32, mb1 4.2/34, mb1mx4.2/42, mbtmpt5.0/34, Error ellipse: s-maj=9.2km s-min=8.5km az=96.0

NEIC 02 12:29:24.4±1.4, 24.09S.0.09.179.96E.0.04, h516km, 6km, mb4.0/74, Error ellipse: s-maj=13.0km s-min=4.1km az=198.0

GCMT 02 12:29:26.4±0.4, 24.42S.0.04.179.86E.0.04, h530km, 2km, MW5.3/61, Moment Tensor Solution, s61.c75, Duration: 1s1, Moment tensor: Scale 10^17Nm; Mw=0.65±0.4; Mww=0.17±0.06; Mww=0.46±0.06; Mww=0.05±0.07; Mww=0.36±0.06; Mww=0.74±0.06; Best double couple: M1=0.0300x10^17 NP1=0.53, 0.0000, 0.26, 0.0000, 0.127, 0.0000. NP2=0.193, 0.0000, 0.70, 0.0000, 0.74, 0.0000. Principal axes: T 1.0230, P1g62.0000, Azm78.0000; N -0.0390, P1g15.0000, Azm198.0000; P -0.9840, P1g23.0000, Azm295.0000; nst1a1 refers to body waves, cutoff=40s.

Triangular moment-rate function

ISC 02 12:29:24.0±0.2, 24.20S.0.04.179.96E.0.05, h526km, n624, s1909/653, mb4.8/105, 52C-28D, Fault plane solution: N1=0.219, 36580.0, 667.40936, 0.65, 85206.0, NP2=0.88, 77445.0, 832.59713, 0.134, 51576.0, Principal axes: T P1g60.1526, Azm93.8287; N P1g22.1916, Azm229.1375; P P1g18.9106, Azm327.1707; South of Fiji Islands

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

Table with columns for call sign, name, frequency, and other details. Includes stations like KUZ, WIAZ, MBAZ, RVAZ, MXZ, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like AS31, ASAR, ASAR, ASAR, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like NIKH, KSRS, KSAR, PETK, etc.

2d 12h

TUC	comp=Z,46nm,1.3s	I Amb	I Amb	12 41 15.8
TUC	Tucson	86.73	52	P
105D	Terrebonne, OR	86.76	38	P
F04D	Rainier, OR	86.95	36	P
G05D	Wamic, OR	87.34	37	P
319A	Douglas	87.36	54	P
319A	comp=Z,47nm,1.1s	I Amb	I Amb	12 41 18.9
X16A	Lo Mia Camp, P	87.36	50	P
X16A	comp=Z,27nm,1.4s	I Amb	I Amb	12 41 18.5
F05D	White Salmon	87.66	37	P
D03D	Eldon	87.84	35	P
O22K	Cooper Landing	87.93	14	P
GAMB	Gambell	87.93	4	P
WUAZ	Wupatki	87.98	49	P
PLCA	Paso Flores	88.08	134	P
PLCA	comp=Z,3nm,0.8s,baz=206,slow=5.6,SNR=7.6	I Amb	I Amb	12 41 20.3 +1.6
M19K	Big River Lodg	88.25	12	P
ELK	Elko	88.26	43	P
L19K	White Mountain	88.27	12	P
RC01	Rabbit Creek A	88.46	14	P
ZAIG	Zacatecas	88.52	64	P
ZAIG	comp=Z,17nm,1.1s	I Amb	I Amb	12 41 24.2
BBB	Bella Bella	88.54	29	P
BBB	comp=Z,69nm,1.4s,baz=246,slow=5.7,SNR=7.6	I Amb	I Amb	12 41 21.3 +1.2
SUA	Bella Bella	88.54	29	P
SUA	Susitna One	88.58	14	P
PWL	Port Wells	88.58	15	P
A04D	Lummi Island	88.80	34	P
B05A	Bryant	88.83	35	P
SKT	Skwentna	88.88	13	P
GLI	Glacier Island	88.90	15	P
TTA	Tatalina	88.91	11	P
EYAK	Cordova Ski Ar	88.94	16	P
M22K	Willow	88.97	14	P
121A	Cookes Peak, D	89.03	54	P
KNK	Knik Glacier	89.04	15	P
PMR	Palmer	89.05	14	P
MFID	Camas Ranch	89.41	41	P
MFID	comp=Z,32nm,1.2s	I Amb	I Amb	12 41 26.9
DUG	Dugway, Tooele	89.50	45	P
CUT	Chulitna	89.52	13	P
SEY	Seychman	89.56	348	P
CMAR	Chiang Mai Arr	89.59	290	P
CMAR	comp=Z,1.5nm,0.4s,baz=114,slow=3.0,SNR=15	I Amb	I Amb	12 41 24.5 +0.0
CMAR	comp=Z,0.4nm,0.3s,baz=131,slow=5.5,SNR=4.6	I Amb	I Amb	12 41 27.6 +1.7
CMAR	Chiang Mai Arr	89.59	290	P
BMRM	Bremner River	89.60	16	P
K20K	Telida	89.64	11	P
MESA	MESA	89.65	18	P
SCA	Sheep Creek Mo	89.67	15	P
KLU	Klutina	89.71	16	P
CRQE	Cirque	89.81	17	P
WRAK	Wrangell Islan	89.85	24	P
TNA	Tin City	89.86	5	P
PNL	Peninsula	89.98	19	P
CAST	Castle Rocks	90.07	12	P
PINM	Pinnacle	90.07	19	P
N25K	Chitina, Valde	90.14	16	P
HLID	Hailey	90.35	41	P
MCAR	McCarthy VSAT	90.36	17	P
MNTX	Cornudas Mount	90.42	55	P
Y22D	IRIS PASCAL I	90.42	53	P
CHUM	Lake Minchumini	90.45	12	P
TRF	Thorofare Moun	90.45	13	P
TX31	Lajitas Ar. Si	90.62	58	P
TX32	Lajitas Array	90.62	58	P
TX32	comp=Z,34nm,1.4s	I Amb	I Amb	12 41 33.4
TXAR	Lajitas Array	90.62	58	P
TXAR	comp=Z,6.2nm,0.7s,baz=212,slow=6.4,SNR=80	I Amb	I Amb	12 41 32.0 +1.5
BNN	Barren Site	90.67	53	P
RND	Reindeer	90.71	13	P
PV05	Paradox Valley	90.86	48	P
PV05	comp=Z,16nm,1.5s	I Amb	I Amb	12 41 34.1
MCK	McKinley	90.98	13	P
ANMO	Albuquerque	91.17	52	P
ANMO	comp=Z,6.8nm,1.1s,baz=217,slow=4.9,SNR=11	I Amb	I Amb	12 41 31.9 +0.6
ANMO	Albuquerque	91.17	52	P
ANMO	comp=Z,15nm,1.3s	I Amb	I Amb	12 41 33.5 +0.4
ANMO	Albuquerque	91.17	52	P
M26K	Nabesna, AK	91.22	16	P
BCYI	Bear Canyon	91.37	41	P
YUK3	Moose Creek	91.38	18	P
NEW	Newport	91.46	37	P
M27K	Edge Creek, AK	91.49	17	P
YUK4	Talbot Arm	91.55	19	P
121K	Tanana	91.59	11	P
NEA2	Nenana	91.72	13	P
MLY	Manley	91.78	12	P
BVCY	Beaver Creek	91.79	17	P
RIDG	Independent Ri	91.90	15	P
HDA	Harding Lake	92.00	14	P
L27K	Beaver Creek,	92.07	16	P
I23K	Minto, Yukon-K	92.12	15	P
TCOL	CIGO, UAF Yank	92.22	13	P

2015 NOV

COLA	College	92.22	13	P
S22A	4UR Ranch, Cre	92.26	49	P
SCRK	Sand Creek	92.15	15	P
IL31	Elison Array	92.33	14	P
ILAR	comp=Z,0.9nm,0.6s,baz=221,slow=5.4,SNR=22	92.33	14	P
MSO	Missoula	92.43	39	P
O20A	White River Ci	92.47	47	P
POKR	Poker Plat Res	92.52	13	P
J25K	Salcha River,	92.53	14	P
J26L	Joseph Creek	92.85	15	P
RDOO	Red Dog Mine	92.85	6	P
BW06	Boulder Array	92.93	44	P
BW06	Boulder Array	92.93	44	P
PD31	Pinedale Array	92.93	44	P
PD31	Pinedale Array	92.93	44	P
PDAR	Pinedale Array	92.93	44	P
YHL	Hebgen Lake	93.00	42	I Amb
M30M	Minto, Yukon	93.06	19	P
BOZ	Bozeman (W)	93.12	41	P
SDCO	Great Sand Dun	93.19	50	P
MSX	Muleshoe	93.41	54	P
DAWY	Dawson	93.53	17	P
DAWY	Dawson	93.53	17	P
833A	Chaparral WMA,	93.53	61	P
EGAK	Eagle	93.66	16	P
T25A	Trinidad	93.67	51	P
COLD	Coldfoot	93.85	11	P
Q24A	Divide	94.00	49	P
ISCO	Idaho Springs	94.08	48	P
JCT	Junction City	94.14	59	P
RLMT	Red Lodge	94.30	42	P
N23A	Red Feather La	94.37	47	P
MMPY	Sheldon Lake,	94.78	20	P
K22A	Casper	94.82	45	P
I29M	Ogilvie Camp,	94.84	16	P
ABTX	Abilene, Hawle	95.18	57	P
TOLK	Toolik Lake Re	95.22	11	P
EGMT	Eagleton	95.47	39	P
KSCO	Kaye Shedlock	95.77	50	I Amb
KSCO	comp=Z,13nm,1.1s	I Amb	I Amb	12 41 53.7
KSCO	Kaye Shedlock	95.77	50	P
WMOK	Wichita Mounta	96.72	55	P
OGNE	Ogallala	97.03	48	P
INK	Inuvik	98.33	16	P
INK	comp=Z,1.0nm,0.5s,baz=222,slow=3.7,SNR=9.2	P	P	12 42 04.0 -0.4
RES	Resolute Bay	111.87	17	PKIP
ZALV	Zalesovo Farm	112.16	321	PKIP
ZALV	comp=Z,1.2nm,0.4s,baz=83,slow=1.9,SNR=7.2	SKP	SKP	12 46 57.2 -1.0
MKAR	comp=Z,1.0nm,0.7s,baz=112,slow=0.8,SNR=5.1	PKIP	PKIP	12 46 59.3 -0.6
MKAR	Makanchi Array	112.33	313	PKIP
MKAR	comp=Z,0.9nm,0.4s,baz=206,slow=1.1,SNR=26	SKP	SKP	12 49 46.0
MKAR	comp=Z,1.7nm,0.3s,baz=67,slow=3.2,SNR=6.5	PKIP	PKIP	12 57 52.3 -0.1
KURK	Kurchatov	115.39	316	PKP
KURB	Kurchatov Arra	115.44	316	PKP
KURB	comp=Z,1.3nm,0.4s,baz=111,slow=2.0,SNR=15	SKP	SKP	12 47 05.2 -0.4
N59A	State Game Lan	115.89	55	P
AAK	Ala-Archa	117.05	307	PKP
AML	Almayahu	117.50	306	PKP
L61B	Northampton	118.41	51	P
BDFB	Brasilia	118.67	125	PKP
M5EY	Mtiae Island	118.83	250	P
M5EY	comp=Z,1.5nm,0.4s,baz=112,slow=6.4,SNR=3.4	PKP	PKP	12 47 13.1 -0.3
GAR	Garm	119.65	302	PKP
KK31	Karatay Array	120.01	307	PKP
KKAR	Karatay Array	120.01	307	PKP
SUR	Sutherland	120.31	200	P
BVAR	Borovoye Array	120.64	319	PKP
BRV	Borovoye	120.70	319	PKP
FRB	Frisher Bay	120.93	29	PKP
BOSA	Boshof	122.11	206	PKP
SCHO	Schefferville	122.73	39	PKP
SPA0	Spitsbergen Ar	125.42	356	PKP
SPIT3	Spitsbergen Ar	125.42	356	PKP
MDP	Montagnes des	126.05	102	PKP
DAG	Danmarks Havn	126.58	5	P
WSAR	Wadi Sarin	126.83	282	P
MHTO	MHTO	126.67	277	P
DOM	DOM	126.78	279	P
DOM	DOM	126.78	279	P
SFJ	Kangerlussuaq	127.07	22	PKP
SFJ	comp=Z,5.8nm,0.5s,baz=266,slow=1.2,SNR=11	PKP	PKP	12 47 27.0 -0.5
ARU	Arti	127.10	324	PKP
ARU	comp=Z,4.2nm,0.4s,baz=96,slow=2.8,SNR=15	PKP	PKP	12 47 28.1 +0.2
ARU	Arti	127.10	324	PKP
SMDO	Samad	127.11	281	P
SURP	SURP	127.14	14	P
ABKAR	Abkutak array	127.39	314	PKP
ABKAR	Abkutak array	127.39	314	PKP
BSY	Bisyra	127.80	281	P
AKTO	Aktuyubinsk	128.49	316	PKP
DMTO	DMTO	128.51	274	P
SOHO	SOHO	128.70	282	P
SOHO	SOHO	128.70	282	P
DY2G	Dye2	128.83	22	P
ASHA	Ashtiyah	129.24	283	P
ICSG	Greenland Ices	129.28	17	P
WHFO	Wadi Hawf	129.64	274	P
ASUD	Al Ashush, Dub	129.88	283	P
KIRV	Kirov	131.16	328	SKP
KIRV	comp=Z,54nm,0.9s,baz=93,slow=3.3,SNR=22	SKP	SKP	12 50 12.9 +0.8

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HAMF	Hammerfest	131.53	350	ePKP
ARA0	ARCES Array S	132.17	348	ePKP
ARCS	ARCES Array B	132.17	348	PKP
ARCS	comp=Z,3.6nm,0.5s,baz=26,slow=1.5,SNR=26	SKP	SKP	12 47 35.9 +1.1
ARCS	comp=Z,1.2nm,0.9s,baz=35,slow=7.4,SNR=7.2	SKP	SKP	12 50 17.3 +1.1
ARCS	ARCES Array B	132.17	348	PKP
KTK1	Kautokeino	133.04	349	ePKP
TRO	Tromsø	133.17	351	ePKP
TSMU	Tsumeb	133.56	203	PKP
TSMU	comp=Z,5.9nm,0.8s,baz=129,slow=4.8,SNR=5.5	PKP	PKP	12 47 39.5 +0.3
TSMU	Tsumeb	133.56	203	PKP
BELG	Belogomoye	135.35	321	PKP
BELG	comp=Z,7.5nm,0.4s,baz=56,slow=0.8,SNR=5.5	SKP	SKP	12 47 38.6 -0.4
BELG	comp=Z,2.8nm,1.0s,baz=118,slow=2.7,SNR=13	SKP	SKP	12 50 22.1 0.0
LOF	Lofoten	135.28	353	ePKP
KMBO	Kilima Mbogo	135.92	241	PKP
ATD	Arta Tunnel	137.45	261	SKP
FINES	FINES Array B	138.72	341	PKP
FINES	comp=Z,0.9nm,0.4s,baz=61,slow=4.0,SNR=9.8	PKP	PKP	12 47 46.3 +0.6
FINES	comp=Z,5.5nm,0.8s,baz=41,slow=2.3,SNR=6.1	PKP	PKP	12 50 37.4
FINES	comp=Z,1.7nm,0.5s,baz=46,slow=5.5,SNR=16	SKIP	SKIP	12 47 39.6
NSS	Namosos	138.92	352	ePKP
GNI	Garni	139.34	304	SKP
DOMB	Dombas	141.67	353	PKP
NB2	NORSAR Array B	142.37	351	PKP
NOA	NORSAR Array B	142.37	351	PKP
NOA	comp=Z,2.8nm,0.7s,baz=15,slow=4.2,SNR=3.7	SKP		

Table with columns: BRG, comp, station name, frequency, mode, and other technical details. Includes stations like Berggiesshubel, Pankai Ves, Velka Javorina, etc.

INET 02 12:30:15.3, 11.12N, 86.62W, h26km, MW3.8, Near coast of Nicaragua

USS 02 12:34:48.5, 1.2, 40.08N, 0.01, 111.55W, 0.02, h1km, 7km, ML2.9/18, ML2.9/126(NEIC), Error ellipse: s-maj=2.3km

NEIC 02 12:34:48.8, 1.2, 40.08N, 0.01, 111.56W, 0.02, h4km, 7km, Error ellipse: s-maj=1.7km, s-min=1.7km, az=65.0, Utah

Main table with columns: Code, Station Name, Az, Op, Phase ID, ISC, H, S, Res. Lists various stations like Maple Canyon, West Mountain, Santaquin Canyon, etc.

Main table with columns: GZU, Grizzly Peak, MCU, Monte Cristo P, SPUT, South Promonto, etc. Lists stations with their frequencies and modes.

Main table with columns: NV11, comp, station name, frequency, mode, and other technical details. Includes stations like Mina Array Bea, Buzman (W), Little Change Ra, etc.

IDC 02 13:00:17.1-0.5, 53°40'N-35°43'W, h0km, mb4.1/23.
 mb1 4.3/26, mb1mx4.2/43, mbtmp4.1/26, ML3.5/3, MS4.1/32,
 MS1 4.1/32, ms1mx4.0/46, Error ellipse: s-maj=16.2km
 s-min=11.2km az=174.0

GCMT 02 13:00:17.8-0.2, 53°52'N-0°04:35"18W, 0.03, h12km,
 MW4.9/96, Moment Tensor Solution. s15,c19; s96,c128;
 Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mrr-2.09e-09;
 Mro-0.14e-10; Mro-2.23e-06; Mro-0.64e-37; Mro-0.14e-07;
 Mrr-1.42e-34; Best double couple: M2.67000x10¹⁶
 N1.189.00000°, 629.00000°, -68.00000°. NP2:
 6344.00000°, 663.00000°, -1-102.00000°. Principal axes:
 T 2.6910, P17.0000, Azm83.0000; N -0.0370,
 P171.0000, Azm350.0000; P -2.6490, P1670.0000,
 Azm230.0000; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

NEIC 02 13:00:18.8-1.6, 53°39'N-0°08:35"38W, 0.10, h11km, 3km,
 mb4.7/191 Error ellipse: s-maj=11.8km s-min=8.7km
 az=182.0

ISC 02 13:00:18.4-0.4, 53.34N-0.07-35.38W, 0.05, h10km, n399,
 6079/383, mb4.7/116, MS4.1/28, Reykjanes Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NRS	Narsarsuaq	9.53	329	Pn	13 02 35.4	0.0
IRV	Ivigut	10.47	324	Pn	13 02 48.6	+0.2
BORG	Borgarnes	13.48	27	LR	13 06 58.7	
DY2	2.500nm, 20.5s, baz=22, slow=30	14.22	342	iP		
DY2				P	13 03 47.2	-0.1
DRLN	Deer Lake	14.41	262	Pn	13 03 42.5	+0.2
ROSA	Rosais	15.43	159	Pn	13 03 55.6	-0.4
SFJD	Kangerlussuaq	15.58	337	Pn	13 03 58.9	+1.2
	0.6nm, 0.3s, baz=134, slow=14, SNR=2.6			LR		
SFJD				P	13 08 45.6	
SFJD	comp-Z, 7.51nm, 20.3s, baz=152, slow=33			Pn	13 03 59.2	+1.5
ICESG	Greenland Ices	15.93	354	iP	13 04 06.2	-0.1
ICESG				P	13 04 07.2	
SCHO	Schefferville	18.43	287	P	13 04 32.5	-1.2
	comp-Z, 0.5nm, 0.3s, baz=86, slow=13, SNR=4.7			LR		
SCHO				P	13 10 28.6	
SCHO	Schefferville	18.43	287	P	13 04 33.1	-0.6
GBN	Guysborough	18.70	255	P	13 04 36.2	-0.5
GBN				P	13 04 44.6	
EKA	Eskdalemuir Ar	18.80	71	P	13 04 38.1	+0.4
	baz=285, slow=5.4, SNR=7.8					
SUMG	Summit	19.35	357	iP	13 04 49.2	+4.1
SUMG				P	13 04 50.6	
SUMC	Summit	19.35	357	P	13 04 44.0	0.0
FRB	Frøbisberg Ar	19.55	315	LR	13 10 57.3	
	comp-Z, 9.16nm, 18.4s, baz=20, slow=32			P	13 04 54.4	-1.0
BATG	Bathurst New B	20.41	265	P	13 05 06.8	
BATG				P	13 05 06.8	
JMIC	Jan Mayen	21.35	24	LR	13 10 01.4	
	comp-Z, 6.12nm, 21.2s, baz=228, slow=30			P	13 05 10.2	-0.9
PQI	Presque Isle	21.87	265	P	13 05 38.6	
PQI				P	13 05 38.6	
GGN	Saint George	21.99	261	P	13 05 11.0	-1.3
GGN				P	13 05 20.1	
D62A	Allappott, All	22.92	267	P	13 05 13.8	-1.8
D62A				P	13 05 33.2	
G65A	Princeton	22.37	262	P	13 05 14.8	-1.6
G65A				P	13 05 36.3	
F64A	Sherman	22.48	264	P	13 05 17.2	-0.4
E62A	Clayton Lake	22.80	267	P	13 05 20.8	-0.2
E62A				P	13 05 41.8	
PKME	Peaks-Kenny Pk	23.36	264	P	13 05 26.8	0.0
PKME				P	13 05 31.2	
PKME	Peaks-Kenny Pk	23.36	264	P	13 05 27.3	+0.5
PKME				P	13 05 27.9	+0.4
F62A	Pittston Farm	23.43	266	P	13 05 49.3	
F62A				P	13 05 49.3	
NEEM	North Greenlan	24.88	312	eP	13 05 31.3	-1.0
NEEM				P	13 05 40.4	-0.6
NEEM				P	13 05 42.4	
ESDC	Sonsea Array	25.33	110	P	13 05 45.8	+0.6
ESDC				P	13 13 53.3	
ESDC	comp-Z, 2.2nm, 0.8s, baz=319, slow=8.2, SNR=8.9					
NC204	NORSAR Array S	25.65	54	P	13 05 49.0	+1.0
NOA	NORSAR Array B	25.79	54	P	13 05 50.0	-0.1
NOA				P	13 14 31.7	
TRQ	Mont Tremblant	26.01	270	P	13 05 53.0	+1.7
HRV	Adam Dzielowski	26.28	260	P	13 05 54.4	+0.7
HRV	Adam Dzielowski	26.28	260	P	13 05 54.5	+0.8
HRV				P	13 05 57.8	
TULEG	Thule	26.46	343	iP	13 05 54.5	-0.6
TULEG				P	13 05 57.8	
TULEG	comp-Z, 9.7nm, 1.0s			P	13 05 54.4	-0.6
TULEG				P	13 06 05.4	
LONY	Lake Ozonia	26.87	267	P	13 06 00.2	+1.1
HFS	Hagfors	27.20	56	LR	13 15 01.0	
HFS				P	13 06 06.8	-2.6
STU	Stuttgart	28.03	61	P	13 06 11.8	-1.4
CART	Carriaga	28.55	110	P	13 06 16.9	+0.5
GRAT	Grafenberg Arr	28.82	78	P	13 06 16.9	+0.5
GRFO	Grafenberg	28.82	78	P	13 06 16.9	+0.5
BINY	Binghamton	29.09	264	P	13 06 18.7	-0.2
BINY				P	13 06 28.6	
BINY	comp-Z, 12nm, 1.1s			P	13 06 19.8	+0.9
BINY				P	13 06 21.0	+1.3
CLL	Collim	29.19	74	eP	13 06 19.6	-0.1
CLL				P	13 06 22.8	+1.2
CLL	Collim	29.19	74	P	13 06 19.6	-0.1
CLL				P	13 06 22.8	+1.2
DAVOX	Davos/Dischmat	29.38	84	P	13 06 22.8	+1.2
DAVOX				P	13 17 37.0	
DAVOX				P	13 17 37.0	
SADO	Sadowa	29.52	271	P	13 06 21.9	-0.8
SADO				P	13 17 20.9	
SADO	comp-Z, 8.4nm, 0.8s, baz=78, slow=8.9, SNR=3.4					
SADO				P	13 06 22.0	-0.7
SADO				P	13 06 30.2	
SADO				P	13 06 33.1	
N59A	State Game Lan	29.75	262	P	13 06 25.5	+0.7
N59A				P	13 06 33.1	
GERES	GERESS Array B	30.65	78	P	13 06 35.1	+2.3
GERES				LR	13 18 32.9	
GERES	comp-Z, 0.6nm, 0.5s, baz=299, slow=8.4, SNR=4.8					
GERES				P	13 06 33.0	+0.2
GERES				P	13 06 38.1	-0.5
SDML	STALIGIAL	31.32	83	P	13 06 38.1	-0.5
SDML	Soldier's Deli	31.33	261	P	13 06 38.3	-0.5
SDML				P	13 06 40.9	
EUNU	Eureka	31.39	345	P	13 06 38.4	-0.5
EUNU				P	13 06 41.0	
RES	Resolute Bay	31.53	334	P	13 06 38.3	-1.8
RES				P	13 06 39.7	-0.4
RES				P	13 06 54.6	
ARCES	ARCCESS Array B	31.59	36	LR	13 17 33.1	
ARCES				P	13 06 42.9	-0.1
OS6A	Blue Knob Stat	31.81	263	P	13 06 52.0	-0.3
FINES	FINESS Array B	32.91	51	P	13 06 52.0	-0.3
FINES				P	13 18 41.7	

O52A	Adamsville	33.86	266	P	13 07 01.3	+0.5
P53A	Whipple	33.99	265	P	13 07 02.6	+0.6
P52A	Corning	34.34	266	P	13 07 05.1	+0.1
P52A				Iamb	13 07 13.0	
P52A	comp-Z, 13nm, 0.8s			P	13 07 05.4	+0.4
ACSO	Alum Creek Sta	34.47	267	P	13 07 06.7	+0.5
	baz=51					
N49A	Columbus Grove	34.77	269	P	13 07 08.3	-0.4
N49A				Iamb	13 07 16.3	
P51A	Williamsport	34.99	266	P	13 07 11.5	+0.8
EYMN	Ely	35.20	284	P	13 07 11.8	-0.5
EYMN				Iamb	13 07 19.8	
EYMN	comp-Z, 8.7nm, 0.8s			P	13 07 11.9	-0.5
O49A	Covington	35.31	284	P	13 07 13.2	-0.2
O49A				Iamb	13 07 19.6	
Q51A	Peebles	35.45	266	P	13 07 13.6	-1.0
KEST	Keasa	35.72	101	P	13 07 15.5	-1.5
KEST	comp-Z, 4.4nm, 0.8s, baz=323, slow=10, SNR=2.0			LR		
KEST				P	13 19 54.7	
B35A	Bob, Littlefor	36.28	286	P	13 07 21.3	-0.3
B35A				Iamb	13 07 22.8	
B35A	comp-Z, 11nm, 1.3s			P	13 07 21.3	-0.3
S51A	Beattyville	36.50	264	P	13 07 22.2	-1.4
R50A	Paris	36.52	286	P	13 07 23.9	+0.1
R50A				Iamb	13 07 31.5	
ULM	Lac du Bonnet	36.57	290	P	13 07 22.5	-1.6
ULM				LR		
ULM	comp-Z, 2.5nm, 0.8s, baz=63, slow=7.0, SNR=3.5			P	13 21 01.3	
SFIN	Lafayette	36.85	271	P	13 07 24.9	-1.6
SFIN				Iamb	13 07 34.1	
SFIN	comp-Z, 11nm, 1.0s			P	13 07 26.8	+0.2
TZTN	Tazewell	37.20	263	P	13 07 30.3	+0.6
P46A	Rosedale	37.39	270	P	13 07 28.7	-2.4
P46A				Iamb	13 07 38.5	
AGM1	Agassiz Nation	37.53	287	P	13 07 31.6	-0.7
WCI	Wyandotte Cave	37.73	267	P	13 07 33.5	-0.6
WCI				Iamb	13 07 41.6	
WCI	comp-Z, 12nm, 0.8s			P	13 07 33.9	-0.1
WCI				P	13 07 37.1	+1.1
BURAR	Buccovina Array	37.95	73	P	13 07 37.1	+1.1
HDIL	Hopedale	38.06	273	P	13 07 36.8	+0.1
AKASG	Main Array B	38.63	67	P	13 07 41.0	-0.4
AKASG				LR		
AKASG	comp-Z, 0.5nm, 0.5s, baz=296, slow=8.2, SNR=2.3			LR		
AKASG				P	13 23 25.0	
P43A	Skaggs, Pawnee	38.76	272	P	13 07 43.1	+0.4
P43A				Iamb	13 07 50.1	
Q44A	Meyer Farm, Va	38.93	270	P	13 07 39.0	-5.1
Q44A				Iamb	13 07 51.5	
GOGA	Godfrey	39.32	259	P	13 07 47.7	+0.3
SWET	Swansea	39.52	263	P	13 07 47.5	-1.7
V48A	Smith Brothers	39.70	265	P	13 07 51.6	+1.1
V48A				P	13 08 08.6	
FPAL	Fort Paine	39.80	262	P	13 07 52.2	+0.8
SIUC	Southern Illin	39.82	269	P	13 07 52.1	+0.5
SIUC				Iamb	13 07 53.7	
S44A	Carbondale	39.85	269	P	13 07 52.1	+0.3
S44A				Iamb	13 07 58.6	
WWT	Waverly	40.04	266	P	13 07 53.4	0.0
P40A	Paris	40.35	274	P	13 07 56.1	+0.1
FVM	French Village	40.37	270	P	13 07 56.3	+0.2
FVM				Iamb	13 08 06.6	
A36M	Sachs Harbour	40.45	331	P	13 07 55.8	-0.5
A36M				P	13 07 56.2	-0.1
YKA	Yellowknife Ar	40.46	315	LR	13 23 16.7	
ECSD	EROS Data Cent	40.50	282	P	13 07 57.2	+0.1
ECSD				P	13 07 57.2	+0.1
Y49A	Blount Mountain	40.55	262	P	13 07 59.8	+0.5
PBMO	Poplar Bluff	41.16	269	P	13 08 03.0	+0.3
PBMO				Iamb	13 08 04.5	
P38A	Dawn	41.17	275	P	13 08 03.1	+0.4
P38A				Iamb	13 08 12.9	
E28A	Huff	41.23	287	P	13 08 03.1	-0.1
R40A	Maddies Statio	41.27	272	P	13 08 03.8	+0.3
T42A	Van Buren	41.39	270	P	13 08 04.8	+0.3
MGMO	Mountain Grove	42.02	271	P	13 08 10.1	+0.3
LCAR	Lake Charles	42.07	269	P	13 08 10.1	0.0
OXF	Oxford	42.08	266	P	13 08 09.4	-0.9
OXF				P	13 08 09.9	-0.3
Z47A	Carrollton	42.20	263	P	13 08 11.6	+0.5
Z47A						

2d 13h

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YUKON RIVER, PARADOX VALLEY, DAVID MESA, etc.

2015 NOV

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PETRIFIED FORE, CHULITNA, GHO, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LA PAZ, KLIMA MBOGO, VILLA FLORIDA, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ARCES ARCESS Array B, ZOU Zoufplan, CLC Collin, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ESDC Sonseca Array, ESDC Danmarks Vag, SEY Seymchan, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like I23K Minto, TTA Talatina, K20K Telida, etc.

2d 16h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Scatter, Elevation Scatter, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance.

2015 NOV

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Scatter, Elevation Scatter, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Scatter, Elevation Scatter, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance.

Table with columns: Call Sign, Name, Lat, Lon, Alt, Az, El, P, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like MNTX, AGMN, AGMN, F3XA, etc.

Table with columns: Call Sign, Name, Lat, Lon, Alt, Az, El, P, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like L61B, GOGA, HRV, KMSC, etc.

Table with columns: Call Sign, Name, Lat, Lon, Alt, Az, El, P, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like LZH, YSS, GTA, etc.

2d 16h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like I23K, M22K, NEA2, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AKH, M30M, HYT, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GERES, SOKA, RAR, etc.

IDC 02 16:48:56.2-1.5, 30.52Sx71.86W, h0km, mb4.3/4, mb1 4.1/8, mb1mx3.9/43, mbtmp4.1/8, ML3.7/4, M3.5/2, Ms1 3.5/2, ms1mx3.2/20, Error ellipse: s-maj=62.3km s-min=20.8km az=108.0

GU 02 16:48:56.0-0.7, 30.149S; 72.19W, h38km, 3km, ML4.0 (VAO 02 16:48:58.0-0.6, 30.143S; 72.01W, h19km, mb4.2 NEIC 02 16:48:58.4-1.7, 30.144S; 0.04; 72.00W, 0.03, h17km, 4km, mb4.4/11, ML4.0(GUC), Error ellipse: s-maj=6.4km s-min=3.1km az=156.0

ISC 02 16:48:57.8-1.1, 30.445-0.03; 72.06W, 0.06, h19km, 3km, n128, of89/133, mb4.2/6, 1C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like CO06, CO05, CO03, etc.

PSCGX	Pisagua	10.94	10	Pn	Pn	16 51 29.4	-4.1
TRQA	Torquinst	11.27	135	eP	Pn	16 51 38.5	+0.6
ITQB	Itaquí	13.39	91	eP	Pn	16 52 06.6	-0.3
CPUP	Villa Florida	13.60	76	LR	LR	16 58 09.8	
LPZA	La Paz	14.54	15	Pn	Pn	16 52 24.8	+1.5
LPZA	La Paz	14.54	15	Pn	Pn	16 52 23.6	+0.3
LPZA	La Paz	14.54	15	eP	Pn	16 52 22.1	-1.2
SPV	Cacapava Do Su	16.47	37	P	Pn	16 52 43.3	+0.6
LPV	San Ignacio	17.56	37	P	Pn	16 53 02.7	+0.1
AQDB	Aquidauana	17.78	60	eP	Pn	16 53 02.7	-1.6
PTGB	Pitanga	18.11	77	eP	Pn	16 53 15.2	+0.6
PTGB	Pitanga	18.11	77	eP	Pn	16 53 14.2	0.0
TRCB	Terra Rica	18.95	71	eP	Pn	16 53 17.9	0.0
TRCB	Terra Rica	18.95	71	eP	Pn	16 53 17.9	0.0
PTLB	Pontes e Lacer	19.06	41	eP	Pn	16 53 19.8	-0.2
PTLB	Pontes e Lacer	19.06	41	eP	Pn	16 53 19.8	-0.2
TER01	Tubarao-SC	20.05	90	eP	Pn	16 53 30.0	+0.1
PP1B	Ponte de Pedra	20.23	55	eP	Pn	16 53 31.5	-0.2
VILB	Vilhena	20.57	35	eP	Pn	16 53 36.2	+0.5
VILB	Vilhena	20.57	35	eP	Pn	16 53 36.2	+0.5
PCMB	Pacaembu	20.63	70	eP	Pn	16 53 35.6	+0.2
PCMB	Pacaembu	20.63	70	eP	Pn	16 53 35.6	+0.2
SALV	Santo Antonio	20.84	50	eP	Pn	16 53 38.8	+0.2
SALV	Santo Antonio	20.84	50	eP	Pn	16 53 37.7	0.0
TJ01	Guaruvá-PR	21.00	82	eP	Pn	16 53 40.2	-0.1
TJ01	Guaruvá-PR	21.00	82	eP	Pn	16 53 40.0	+0.1
ETMB	Extrema	21.24	16	eP	Pn	16 53 43.5	+0.7
ETMB	Extrema	21.24	16	eP	Pn	16 53 42.8	0.0
ITRB	Iturama	22.34	66	eP	Pn	16 53 54.2	0.0
ITRB	Iturama	22.34	66	eP	Pn	16 53 54.2	0.0
CZSB	Cruzeiro do Su	22.61	358	eP	Pn	16 53 57.9	+0.4
CZSB	Cruzeiro do Su	22.61	358	eP	Pn	16 53 57.9	+0.4
SAML	Samuel	22.94	23	P	Pn	16 54 00.8	-0.2
SAML	Samuel	22.94	23	P	Iamb	16 54 03.6	
SAML	Samuel	22.94	23	eP	P	16 54 02.2	+1.3
SAML	Samuel	22.94	23	eP	P	16 54 01.1	+0.1
RCLB	Rio Claro- Sao	23.34	76	eP	Pn	16 54 05.7	+0.6
PDRB	Porto dos Gac	23.53	40	eP	Pn	16 54 08.2	+1.3
PDRB	Porto dos Gac	23.53	40	eP	Pn	16 54 07.0	+0.6
ARAB	Araruama, MT	23.58	56	eP	Pn	16 54 09.5	+1.3
PARB	Parabuna	24.50	82	eP	Pn	16 54 16.9	0.0
CLDB	Colider	24.65	41	eP	Pn	16 54 18.1	+0.6
IPMB	Ipameri, GO	24.98	66	eP	Pn	16 54 20.4	-0.1
IPMB	Ipameri, GO	24.98	66	eP	Pn	16 54 20.2	-0.2
BSCB	Bom Sucesso	25.02	62	eP	Pn	16 54 32.3	+0.1
BDFB	Brasília	26.50	62	P	Pn	16 54 34.5	+0.1
BDFB	Brasília	26.50	62	P	Pn	16 54 34.2	-0.2
BDFB	Brasília	26.50	62	P	Iamb	16 54 35.2	
SND8	Serra Nova Dou	26.61	51	eP	Pn	16 54 34.4	-0.8
SND8	Serra Nova Dou	26.61	51	eP	Pn	16 54 34.5	-0.8
VAS01	Vassouras-RJ	26.85	79	eP	Pn	16 54 38.6	+1.3
DUB01	Friburgo-RJ	27.83	80	eP	Pn	16 54 46.9	+0.6
NPGB	Novo Progresso	28.65	37	eP	Pn	16 54 47.9	-0.3
NPGB	Novo Progresso	28.65	37	eP	Pn	16 54 47.0	+0.1
DIAM	Diamantina, MG	28.46	71	eP	Pn	16 54 51.7	-0.3
DIAM	Diamantina, MG	28.46	71	eP	Pn	16 54 52.4	+0.4
CAM01	Campos-RJ	28.54	80	eP	Pn	16 54 53.6	+1.2
PEXB	Peixe	28.59	55	eP	Pn	16 54 53.5	+0.6
MC01	Montes Claros	29.08	70	eP	Pn	16 54 56.9	+0.5
JANB	Januária	29.71	65	eP	Pn	16 55 03.8	+0.8
JANB	Januária	29.71	65	eP	Pn	16 55 02.5	-0.5
ITTB	Itaituba	30.17	34	eP	Pn	16 55 05.8	-1.1
ITTB	Itaituba	30.17	34	eP	Pn	16 55 06.1	-0.8
SJMB	Sao Joao De Ma	30.32	74	eP	Pn	16 55 08.4	+0.1
SJMB	Sao Joao De Ma	30.32	74	eP	Pn	16 55 08.3	+0.1
BSFB	Barra de Sao F	30.54	75	eP	Pn	16 55 09.8	-0.4
SDBA	SAO DESIDERIO	30.87	60	eP	Pn	16 55 13.4	+0.2
NBIT	Itapeh - BA	33.68	70	eP	Pn	16 55 38.6	+0.8
BOAV	Boa Vista	34.46	21	eP	Pn	16 55 45.5	+1.0
BOAV	Boa Vista	34.46	21	eP	Pn	16 55 44.2	+0.3
NBPN	Ponto Novo - B	35.43	63	eP	Pn	16 55 52.9	-0.1
SJCC	San Jacinto, C	40.22	355	P	Pn	16 56 33.2	-0.2
NBPA	Parau RN	41.02	60	eP	Pn	16 56 37.9	-2.1
VNA2	Neumayer-Watz	53.30	158	P	Pn	16 58 15.8	+0.6
SNA4	Sanae	54.59	159	P	Pn	16 58 27.2	+0.5
SNA4	Sanae	54.59	159	P	Iamb	16 58 27.2	+0.5
SNA4	Sanae	54.59	159	P	Iamb	16 58 28.0	
QSPA	South Pole Qui	59.78	180	P	Pn	16 59 02.5	+1.0
QSPA	South Pole Qui	59.78	180	P	Pn	16 59 02.7	+1.2
MAW	Mawson	76.59	164	P	Pn	17 00 47.3	+0.7
TORD	Torodi Ar. Bea	83.03	70	P	Pn	17 01 23.1	+0.7
TORD	Torodi Ar. Bea	83.03	70	P	Pn	17 01 22.7	+0.3
TORD	Torodi Ar. Bea	83.03	70	P	Iamb	17 01 23.8	
H11S2	WAKE ISLAND H11S2	75.272	272	T	T	19 26 48.7	
H11S1	WAKE ISLAND H11S1	75.272	272	T	T	19 26 49.7	
H11S3	WAKE ISLAND H11S3	75.272	272	T	T	19 26 45.8	
KURBB	Kurchatov Arra	150.21	39	PKPbc	PKIKP	17 08 48.1	+0.1
KURK	Kurchatov	150.21	39	PKPbc	PKIKP	17 08 48.1	+0.1
ZALV	Zalesov Beam	151.18	29	PKPbc	PKIKP	17 08 50.6	+0.7

NEIC 02 16:57:36.21.6, 35:95N.0:02:97:33W.0:04, h5km, 5km, Error ellipse: s-maj=5.0km s-min=2.2km az=65.0

NEIC 02 16:57:36.7, 35:92N.97:33W, h6km, Moment Tensor Solution. Moment tensor: Scale 10¹⁹Nm; Mrr=0.06; Mth=0.76; Mtt=0.72; Mtr=0.10; Mtr=0.64; Mtr=0.16; Fault plane solution: M1 0100k/015, N1 155.2500k/0, 0.82 37.00k/0, 1.10 51.00k/0, N2 2.065 13.00k/0, 0.79 49.00k/0, 1.79 36.00k/0. Principal axes: T 1.0410, P1g8.000k/0, Azm21.000k/0, N -0.0703, P1g79.000k/0, Azm159.000k/0, P -0.9707, P1g7.000k/0, Azm290.000k/0.

TUL 02 16:57:36.71.9, 35:92N.0:02:97:33W.0:04, h5km, 5km, ML4.6, mb4.1/11(NEIC), mb_Lg4.5/11(NEIC), Mw3.9/62(NEIC) Error ellipse: s-maj=5.2km s-min=2.1km az=63.0

IDC 02 16:57:36.3-0.8, 35:99N.97:36W, h0km, mb4.1/4, mb1.4, 3/12, mb1mx3.9/69, mbmt4.1/12, ML3.6/7, MS3.2/10, Ms1.3/10, ms1mx3.1/40, Error ellipse: s-maj=12.0km s-min=9.9km az=118

ANF 02 16:57:39.1-0.2, 35:95N.97:30W, h91km, 14km, ML5.3/17, Error ellipse: s-maj=3.5km s-min=2.5km az=13.0

ISC 02 16:57:36.4.1.1, 35:96N.0:03:97:30W.0:03, h11km, 8gkm, n286.01s25/294, mb4.0/4, Oklahoma

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
OK005	Luther M Schoo	0.32	164	Op	16 57 42.8	+0.0
OK009	Oakdale Eiken	0.56	193	Pg	16 57 43.3	+0.6
OKCFA	Oklahoma City	0.56	193	Pg	16 57 46.8	-0.5
OKCFA	Oklahoma City	0.56	193	Pg	16 57 46.8	-0.5
OKCFA	Oklahoma City	0.56	193	S	16 57 54.1	-0.5
OKCWS	OKLAHOMA CITY	0.57	192	Pg	16 57 46.9	-0.5
FNO	Franklin	0.71	187	Pg	16 57 49.4	-0.7
FNO	Franklin	0.71	187	Iamb_Lg	16 57 58.9	
T35A	Sooner Cattle	1.14	33	Pn	16 57 58.9	+0.5
T35B	Sooner Cattle	1.14	33	Pn	16 57 58.8	+0.4
T35B	Sooner Cattle	1.14	33	S	16 58 15.0	+1.7
TUL1	Leonard	1.22	92	Pn	16 57 59.3	-0.1
TUL1	Leonard	1.22	92	Pn	16 57 59.4	-0.1
TUL1	Leonard	1.22	92	S	16 58 16.7	+1.0
TUL1	Leonard	1.22	92	S	16 57 59.3	-0.1
TUL1	Leonard	1.22	92	S	16 58 16.7	+1.0
X34A	Smith Ranch, M	1.43	198	Pn	16 58 02.5	+0.2
U32A	Winter Ranch,	1.44	287	Pn	16 58 02.5	+0.1

U32A	comp=Z,3j,0m,0.7s					16 58 24.2	
U32A	Winter Ranch, baz=108	1.44	287	P	Pn	16 58 02.8	+0.3
U32A	baz=108			S	Sb	16 58 22.6	+0.9
WMOK	Wichita Mounta	1.72	225	Pn	Pn	16 58 06.6	+0.2
WMOK	Wichita Mounta	1.72	225	Pn	Iamb_Lg	16 58 32.4	
WMOK	Wichita Mounta	1.72	225	Pn	Pn	16 58 06.7	+0.4
WMOK	Wichita Mounta	1.72	225	S	Sn	16 58 29.0	+0.7
WMOK	Wichita Mounta	1.72	225	Pn	Pn	16 58 07.0	+0.6
WMOK	Wichita Mounta	1.72	225	S	Sn	16 58 29.1	+0.7
X37A	Clayton	2.09	130	Pn	Pn	16 58 12.7	+1.4
X37A	Clayton	2.09	130	Iamb_Lg		16 58 44.6	
X37A	Clayton	2.09	130	P	Pn	16 58 12.7	+1.4
X37A	Clayton	2.09	130	S	Sb	16 58 40.5	+0.3
U38A	Gravette	2.40	78	Pn	Pn	16 58 17.1	+1.4
U38A	Gravette	2.40	78	P	Pn	16 58 17.7	+2.0
Z35A	Perchaven, San	2.62	179	Pn	Pn	16 58 19.2	+0.4
Z35A	Perchaven, San	2.62	179	Pn	Iamb_Lg	16 59 03.7	
Z35A	Perchaven, San	2.62	179	P	Pn	16 58 19.7	+1.0
Z35A	Perchaven, San	2.62	179	S	Sn	16 58 52.3	+1.8
R32A	Long Quarter,	2.70	336	Pn	Pn	16 58 21.1	+1.2
R32A	Long Quarter,	2.70	336	Iamb_Lg		16 59 08.3	
R32A	Long Quarter,	2.70	336	P	Pn	16 58 21.2	+1.4
HHAR	Hobbs	2.74	82	Pn	Pn	16 58 21.6	+1.3
HHAR	Hobbs	2.74	82	P	Pn	16 58 22.1	+1.8
W39A	Magazine	2.96	104	Pn	Pn	16 58 24.6	+1.3
W39A	Magazine	2.96	104	Iamb_Lg		16 59 19.0	
W39A	Magazine	2.96	104	P	Pn	16 58 24.9	+1.4
W39A	Magazine	2.96	104	Pn	Pn	16 58 24.8	+1.4
KSU1	Kansas State U	3.18	10	Pn	Pn	16 58 27.9	+1.5
KSU1	Kansas State U	3.18	10	Iamb_Lg		16 59 23.8	
KSU1	Kansas State U	3.18	10	P	Pn	16 58 27.9	+1.5
KSU1	Kansas State U	3.18	10	Pn	Pn	16 58 28.6	+2.2
Z38A	Mt. Pleasant	3.30	144	Pn	Pn	16 58 28.7	+0.7
Z38A	Mt. Pleasant	3.30	144	Iamb_Lg		16 59 25.4	
Z38A	Mt. Pleasant	3.30	144	P	Pn	16 58 29.0	+1.0
MIAR	Mount Ida	3.36	114	Pn	Pn	16 58 29.8	+1.0
MIAR	Mount Ida	3.36	114	Iamb_Lg		16 59 30.4	
MIAR	Mount Ida	3.36	114	Pn	Pn	16 58 30.1	+1.3
MIAR	Mount Ida	3.36	114	S	Sn	16 59 09.7	+1.0
MIAR	Mount Ida	3.36	114	Pn	Pn	16 58 30.1	+1.3
MIAR	Mount Ida	3.36	114	S	Sn	16 59 11.1	+2.5
CBKS	Cedar Bluff	3.45	326	Pn	Pn	16 58 31.1	+1.0
CBKS	Cedar Bluff	3.45	326	Iamb_Lg		16 59 35.4	
CBKS	Cedar Bluff	3.45	326	P	Pn	16 58 31.7	+1.5
CBKS	Cedar Bluff	3.45	326	Pn	Pn	16 58 31.6	+1.5
U40A	Yellville	3.62	82	Pn	Pn	16 58 33.2	+0.8
U40A	Yellville	3.62	82	Iamb_Lg		16 59 39.6	
U40A	Yellville	3.62	82	P	Pn	16 58 33.2	+0.8
U40A	Yellville	3.62	82	Pn	Pn	16 58 33.4	+1.0
U40A	Yellville	3.62	82	P	Pn	16 58 33.4	+1.0

MNTX	Cornudas Mount	7.96 240	Pn	Pn	16 59 31.9 -0.1
USIN	University of	7.96 73	I Amb_Lg		17 02 05.7
Z47A	Carrollton	8.09 107	Pn	Pn	16 59 34.6 +0.8
Y22D	IRIS PASSCAL I	8.12 259	I Amb_Lg		17 02 14.6
O44A	Mansfield	8.12 56	Pn	Pn	16 59 35.0 +0.7
T47A	Sharon Grove	8.27 80	Pn	Pn	16 59 36.5 +0.2
T47A	Sharon Grove	8.32 80	Pn	Pn	16 59 36.8 +0.5
PHWV	Pilot Hill	8.32 312	I Amb_Lg		16 59 37.6 +0.3
PHWV	comp-Z, 231nm, 0.8s				17 02 06.2
N23A	Red Feather Ls	8.38 309	P	Pn	16 59 39.1 +1.0
L42A	Oliver, Polo	8.46 42	I Amb_Lg		16 59 39.2 +0.2
L42A	comp-Z, 552nm, 0.8s				17 02 15.4
TX31	Lajitas Ar. Si	8.51 221	Pn	Pn	16 59 37.7 -2.0
TX32	Lajitas Array	8.51 221	Pn	Pn	16 59 37.9 -1.9
TXAR	Lajitas Array	8.51 221	Pn	Pn	16 59 38.9 -0.9
TXAR	comp-Z, 1.1nm, 0.3s, baz=43, slow=11, SNR=40				17 02 00.6
TXAR	comp-Z, 1.4nm, 0.3s, baz=32, slow=22, SNR=12				17 03 09.8
TXAR	comp-Z, 2.71nm, 19.1s, baz=0.0, slow=39				16 59 37.7 -2.1
TXAR	Lajitas Array	8.51 221	Pn	Pn	16 59 40.0 +0.2
X48A	Hartselle	8.53 97	Pn	Pn	16 59 40.0 +0.2
SUSD	Miller	8.57 352	I Amb_Lg		17 02 26.0
I37A	Lemond, Waseca	8.58 19	Pn	Pn	16 59 39.4 -1.1
I37A	comp-Z, 300nm, 0.8s				17 02 29.8
JFWS	Jewell Farm	8.83 36	Pn	Pn	16 59 43.4 -0.6
JFWS	comp-Z, 416nm, 0.7s				16 59 43.3 -0.6
JFWS	Jewell Farm	8.83 36	P	Pn	16 59 49.5 +1.4
CLTN	Cedars of Leba	8.88 86	Pn	Pn	16 59 47.3 +0.5
M44I	Midwin, Midew	9.04 50	Pn	Pn	16 59 47.0 -0.4
WCI	Wyandotte Cave	9.08 72	P	Pn	16 59 49.0 +1.1
MVCO	Mesa Verde	9.10 281	P	Pn	16 59 49.6 +1.4
BLO	Bloomington	9.13 66	Pn	Pn	16 59 49.5 +1.4
SFIN	Lafayette	9.16 58	Pn	Pn	16 59 49.4 +0.9
SFIN	Lafayette	9.16 58	Pn	Pn	16 59 49.4 +0.9
Y49A	Blount Mountain	9.18 100	Pn	Pn	16 59 48.9 +0.1
SWET	Sewanee	9.29 91	Pn	Pn	16 59 51.0 +0.8
U49A	Red Boiling Sp	9.32 83	Pn	Pn	16 59 52.0 +1.3
121A	Cookes Peak, D	9.33 252	P	Pn	16 59 50.6 -0.4
PV02	Paradox Valley	9.43 287	Pn	Pn	16 59 52.9 +0.7
I40A	Norwalk	9.43 31	I Amb_Lg		16 59 52.2 0.0
I40A	comp-Z, 246nm, 1.0s				17 02 50.9
I40A	Norwalk	9.43 31	P	Pn	16 59 52.6 +0.3
PV18	Skein Mesa, Pa	9.55 287	Pn	Pn	16 59 54.1 0.0
RWWY	Rawlins	9.62 309	I Amb_Lg		16 59 56.1 +1.1
RWWY	comp-Z, 355nm, 1.2s				17 02 46.8
RSSD	Black Hills	9.65 330	Pn	Pn	16 59 55.8 +0.5
RSSD	comp-Z, 207nm, 0.8s				17 02 47.9
RSSD	Black Hills	9.65 330	P	Pn	16 59 55.6 +0.2
PV14	Lion Creek, Pa	9.66 288	Pn	Pn	16 59 56.4 +0.8
K43A	Burlington	9.67 43	I Amb_Lg		17 02 51.5
PV23	Carpenter Ridge	9.67 288	Pn	Pn	16 59 55.7 0.0
K22A	Casper	9.78 316	I Amb_Lg		16 59 57.1 0.0
K22A	comp-Z, 392nm, 0.9s				17 03 05.1
K22A	Casper	9.78 316	P	Pn	16 59 56.7 -0.5
SPMN	Marine on St.	9.86 19	Pn	Pn	16 59 56.5 -1.6
SPMN	Marine on St.	9.86 19	Pn	Pn	16 59 57.4 -0.7
SPMN	Marine on St.	9.86 19	P	Pn	16 59 57.7 -0.4
F33A	5 Mile Ranch,	9.90 4	Pn	Pn	16 59 57.0 -1.6
F33A	comp-Z, 282nm, 1.1s				17 02 49.8
F33A	5 Mile Ranch,	9.90 4	P	Pn	16 59 57.3 -1.3
F33A	comp-Z, 298nm, 1.1s				17 02 48.9
250A	Grady	9.98 110	Pn	Pn	16 59 58.3 -1.5
P48A	Milroy	10.03 66	Pn	Pn	16 59 58.9 -1.4
W18A	Petrified Fore	10.17 269	Pn	Pn	17 00 02.2 -2.4
H42A	Draeger Farm,	10.20 37	Pn	Pn	17 00 01.2 -1.5
F36A	Milaca	10.29 15	Pn	Pn	17 00 02.1 -1.9
F36A	Milaca	10.29 15	Pn	Pn	17 00 02.7 -1.2
Z51A	Franklin	10.33 101	Pn	Pn	17 00 03.4 -1.1
CPCT	Cooper Cave	10.40 89	Pn	Pn	17 00 05.1 -0.4
L46A	Eue Claire	10.48 51	Pn	Pn	17 00 06.0 -0.5
V51A	Loudon	10.51 87	Pn	Pn	17 00 07.0 0.0
G40A	Rib Lake	10.74 28	Pn	Pn	17 00 09.2 -1.0
E28A	Huff	10.91 348	Pn	Pn	17 00 11.8 -0.6
I52A	Waverly Hall	10.97 104	Pn	Pn	17 00 15.2 -1.0
TKL	Tuckaleechee C	10.99 98	Pn	Pn	17 00 14.8 +1.3
TKL	comp-Z, 0.5nm, 0.3s, baz=281, slow=10, SNR=6.3				17 03 17.2
TKL	comp-Z, 4.8nm, 0.3s, baz=181, slow=20, SNR=4.5				17 04 37.5
TKL	comp-Z, 90nm, 19.0s, baz=267, slow=38				17 00 13.0 -0.6
TKL	Tuckaleechee C	10.99 98	Pn	Pn	17 00 13.9 -1.3
S51A	Beattyville	11.12 77	Pn	Pn	17 00 14.2 -1.1
V52A	Seylerville	11.12 87	Pn	Pn	17 00 14.2 -1.1
H43A	Windswept, Lux	11.18 38	Pn	Pn	17 00 15.2 -1.0
N49A	Columbus Grove	11.41 60	Pn	Pn	17 00 17.9 -1.4
E38A	The Farm, Brul	11.47 20	Pn	Pn	17 00 18.1 -2.0
BW06	Boulder Array	11.67 309	Pn	Pn	17 00 22.2 -0.8
BW06	Boulder Array	11.67 309	P	Pn	17 00 22.8 -0.8
GOGA	Godfrey	11.67 99	Pn	Pn	17 00 22.0 -0.8
GOGA	Godfrey	11.67 99	Pn	Pn	17 00 22.4 -0.4
PD31	Pinedale Array	11.67 309	Pn	Pn	17 00 22.2 -0.8
PDAR	Pinedale Array	11.67 309	Pn	Pn	17 00 22.9 -0.1
PDAR	comp-Z, 2.1nm, 0.3s, baz=125, slow=14, SNR=30				17 03 37.3
PDAR	comp-Z, 1.6nm, 0.3s, baz=278, slow=36, SNR=2.4				17 05 05.0
PDAR	comp-Z, 1.78nm, 18.3s, baz=138, slow=38				17 00 22.5 -0.5
PDAR	Pinedale Array	11.67 309	Pn	Pn	17 00 24.2 0.0
V53A	Saluda	11.77 87	Pn	Pn	17 00 24.1 -1.2
COWI	Conover	11.85 29	Pn	Pn	17 00 24.9 -2.2
F42A	Maple Grove Fa	11.89 32	Pn	Pn	17 00 27.8 -0.3
ACSO	Alum Creek Sta	12.05 65	Pn	Pn	17 00 29.3 -1.2
S53A	Crawfordville	12.22 114	Pn	Pn	17 00 29.8 -2.6
AGMN	Agassiz Nation	12.37 4	Pn	Pn	17 00 29.7 -2.6
AGMN	Agassiz Nation	12.37 4	P	Pn	17 00 29.9 -2.6
AGMN	Agassiz Nation	12.37 4	P	Pn	17 00 29.9 -2.6
AGMN	Agassiz Nation	12.37 4	P	Pn	17 00 29.9 -2.6
U54A	Nelsons Funny	12.51 83	Pn	Pn	17 00 33.0 -1.5
P52A	Corning	12.54 68	Pn	Pn	17 00 34.5 -0.3
P52A	Corning	12.54 68	Pn	Pn	17 00 35.1 +0.3
B35A	Bob, Littlefor	12.67 11	Pn	Pn	17 00 33.5 -2.9
B35A	Bob, Littlefor	12.67 11	P	Pn	17 00 33.8 -2.6
N51A	Ashland	12.70 63	Pn	Pn	17 00 36.2 -0.7
EYMN	Ely	12.72 18	Pn	Pn	17 00 37.8 -3.4
EYMN	Ely	12.72 18	Pn	Pn	17 00 34.3 -2.9
EYMN	Ely	12.72 18	P	Pn	17 00 34.6 -2.6
EYMN	Ely	12.72 18	Pn	Pn	17 00 38.2 +0.2
LOHW	Long Hollow	12.76 311	Pn	Pn	17 00 38.3 0.0
REDW	Red Top Meadow	12.79 309	Pn	Pn	17 00 36.2 -2.9
D41A	Chassel	12.87 28	Pn	Pn	17 00 36.6 -2.5
D41A	Chassel	12.87 28	Pn	Pn	17 00 36.6 -2.5
RLMT	Red Lodge	12.89 319	Pn	Pn	17 00 39.3 -0.5
TPAW	Teton Pass	12.91 310	Pn	Pn	17 00 39.8 -0.3
MOOW	Moose Ponds	12.92 31	Pn	Pn	17 00 39.7 -0.5
E43A	Lone Tree Farm	12.97 33	Pn	Pn	17 00 37.7 -2.9
DGMT	Dagmar	13.50 340	Pn	Pn	17 00 47.4 -0.4
M52A	Chesterland	13.62 61	Pn	Pn	17 00 49.7 +0.2
YHL	Hebgen Lake	13.80 314	Pn	Pn	17 00 51.2 -1.0

R55A	Marlinton	13.90 75	Pn	Pn	17 00 52.1 -1.3
W57A	Gilead	14.11 88	P	Pn	17 00 50.0 +1.1
E46A	Sault Ste Mari	14.26 39	Pn	Pn	17 01 04.7 -3.4
ULM	Lac du Bonnet	14.32 4	Pn	Pn	17 00 55.2 -3.7
ULM	comp-Z, 1.8nm, 0.3s, baz=80, slow=16, SNR=16				17 04 57.8
ULM	comp-Z, 1.2nm, 0.3s, baz=80, slow=16, SNR=1.9				17 06 41.8
ULM	comp-Z, 1.40nm, 18.9s, baz=171, slow=38				17 00 54.5 -4.5
ULM	ULM	14.32 4	Pn	Pn	17 01 01.1 -1.2
T57A	Hurt	14.56 81	Pn	Pn	17 01 01.5 -4.0
R11A	Troy Canyon, C	14.78 285	Pn	Pn	17 01 06.1 +0.1
M54A	Oli Creek Stat	14.83 63	Pn	Pn	17 01 04.8 -1.8
BEKY	Bear Canyon	14.86 309	Pn	Pn	17 01 08.2 +1.6
ELCI	Elko	14.86 294	Pn	Pn	17 01 08.2 +1.6
ELK	comp-Z, 0.1nm, 0.3s, baz=91, slow=7.9, SNR=9.5				17 07 40.5
ELK	comp-Z, 1.16nm, 18.2s, baz=108, slow=14				17 01 10.2 -0.5
EGMT	Eagleton	15.18 326	Pn	Pn	17 01 37.7
EGMT	comp-Z, 8.0nm, 0.7s				17 07 48.2
PFO	Pinyon Flats O	15.92 267	LR	LR	17 01 23.9 -1.3
BMN	Battle Mountain	16.28 292	Pn	Pn	17 01 33.5
BMN	comp-Z, 4.9nm, 0.9s				17 01 28.4 -0.5
SADO	Sadowa	16.67 52	Pn	Pn	17 01 28.4 -0.5
SADO	comp-Z, 0.4nm, 0.3s, baz=263, slow=14, SNR=1.2				17 04 20.6 -7.1
SADO	comp-Z, 0.9nm, 0.3s, baz=279, slow=5.1, SNR=3.1				17 06 02.8
SADO	comp-Z, 1.0nm, 0.3s, baz=334, slow=3.1, SNR=7.9				17 07 47.3
SADO	comp-Z, 1.01nm, 20.1s, baz=168, slow=37				17 01 34.9 +1.0
KVN	Kaiserville	16.79 287	P	P	17 01 34.7 +0.1
PLID	Pearl Lake	16.86 308	P	P	17 01 35.8 +0.4
NVAR	Minna Array Ba	16.92 285	Pn	Pn	17 08 44.3
NVAR	comp-Z, 0.2nm, 0.3s, baz=91, slow=11, SNR=11				17 01 36.8 +0.1
NVAR	comp-Z, 99nm, 21.0s, baz=110, slow=40				17 01 41.5
LHV	Little Hooton	17.07 284	P	Pn	17 01 41.5
LHV	comp-Z, 1.2nm, 1.1s				17 01 41.5 +1.4
J57A	Williamstown	17.97 59	P	Pn	17 02 15.8
J57A	comp-Z, 1.6nm, 1.3s				17 01 58.8 +2.0
CMIG	Matias Romero	18.92 173	Pn	Pn	17 02 09.4 +0.9
CMIG	comp-Z, 0.5nm, 0.3s, baz=210, slow=6.8, SNR=4.4				17 02 19.6
PINE	Pine Mountain	19.72 301	I Amb	I Amb	17 02 19.6
PINE	comp-Z, 1.2nm, 1.1s				17 02 17.6 0.0
YBH	Yreka Blue Hor	20.58 294	P	P	17 09 47.0
YBH	comp-Z, 1.7nm, 0.9s, baz=81, slow=4.5, SNR=24				17 02 15.6 +0.3
YBH	Yreka Blue Hor	20.58 294	P	P	17 02 52.7 +3.6
YBH	comp-Z, 1.7nm, 0.8s				17 02 58.3 +3.6
DLBC	Dease Lake	31.11 327	P	P	17 05 21.7 +1.8
DLBC	comp-Z, 0.5nm, 0.3s, baz=153, slow=16, SNR=1.7				17 06 07.7 +1.3
ILAR	Eielson Array	41.09 330	P	P	17 06 07.7 +1.3
ILAR	comp-Z, 0.8nm, 0.8s, baz=113, slow=7.7, SNR=7.6				17 08 06.7 +0.4
SUMG	Summit	46.85 21	P	P	17 08 29.9 +1.8
EKA	Eskdalemuir Ar	63.49 40	P	P	
EKA	comp-Z, 1.1nm, 0.8s, baz=286, slow=5.8, SNR=3.4				
ARCES	ARCCESS Array B	66.88 19	P	P	
ARCES	comp-Z, 3.1nm, 0.6s, baz=313, slow=7.3, SNR=1.6				

MDOK	Medeo	12.70 26	P	Pn	17 05 59.7 -2.8
MDOK	Medeo	12.70 26	↑P	Pn	17 05 59.8 -2.8
DANN	Dangsing	12.85 102	eP	Pn	17 06 02.9 -2.0
KOLN	Koldanda	12.93 105	eP	Pn	17 06 03.4 -2.4
WSAR	Wadi Sarin	12.95 231	Pn	Pn	17 06 06.0 0.0
WSAR	comp-Z, 0.1nm, 0.3s, baz=58, slow=13, SNR=1.6				17 08 21.4 -7.4
WSAR	comp-Z, 0.2nm, 0.3s, baz=315, slow=19, SNR=2.1				17 06 13.0 -3.2
GKN	Gorkha	13.70 103	eP	Pn	17 06 20.2 -3.4
DMN	Daman	14.23 104	eP	Pn	17 06 20.3 -4.4
DMN	comp-Z, 0.54nm, 0.7s				17 06 23.0 -4.0
PKIN	Phulchoki	14.48 103	eP	Pn	17 06 23.8 -3.5
PKIN	Phulchoki	14.48 103	eP	Pn	17 06 23.8 -3.5
GKI	Gumba	14.76 102	eP	Pn	17 06 27.8 -3.2

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMAR, BRTR, SONM, ULN, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like FITZ, BOSA, TOLK, A36M, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MKAR, MKAR, ZALV, KURK, etc.

DJA 02 17:05:20.1±0.7, 13°N, 9°12'3E, h10km, M4.6/15, mb4.6/15

NEIC 02 17:14:36.3±0.7, 35°75'N, 0°02:97'38W, 0.02, h7km, 6km, Error ellipse: s-maj=2.9km s-min=1.7km az=129.0

NEIC 02 17:14:36.3±0.7, 35°75'N, 0°02:97'38W, 0.02, h7km, 6km, Error ellipse: s-maj=2.8km s-min=1.1km az=140.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h5km, 2km, Error ellipse: s-maj=3.0km s-min=2.7km az=162.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

NEIC 02 17:35:39.2±0.4, 35°94'N, 0°00:49'37'36W, 0.02, h7km, 6km, Error ellipse: s-maj=2.1km s-min=0.8km az=127.0

2d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like Muong La stati, Tuan Giao, Son La, Kunming, Hoa-Binh, Phu-Lien, etc.

JMA 02 18:47:56.5, 34.09N: 135.10E, h8km, 1km, M0.4, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like Minabe, Kouya, Tanabekakech, etc.

JMA 02 18:48:49.1, 36.02N: 138.08E, h8km, 1km, M0.9, Eastern Honshu

SJA 02 19:01:03.0, 29.67S: 71.88W, h10km, ML4.4

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like Tololo Observa, Las Campanas, El Pedregal, etc.

NEIC 02 19:01:28.0, 0.7, 52.1N: 0.3, 178.2E: 0.1, h178km, 10km, Error ellipse: s-maj=38.7km, s-min=10.5km, az=184.0

ISC 02 19:01:27.0, 0.8, 52.4N: 0.1, 178.26E: 0.05, h150km, n58, 1559.57, mb3.9/16, Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like Little Sitkin, Semis Tuman, etc.

JMA 02 19:31:26.5, 0.4, 5.4S: 4.12E, h206km, 4km, M4.0/11, mb4.0/3, MLV3.9/11

ISC 02 19:31:27.2, 2.1, 3.99S: 128.11E, h242km, 26km, mb3.4/4, mb1.3/5.7, mb1mx3.1/39, mbtmp4.0/7, Error ellipse: s-maj=30.8km, s-min=10.3km, az=68.0

ISC 02 19:31:26.3, 0.8, 3.91S: 107.12E: 0.07, h250km, n17, 2591.22, mb3.9/3, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like Masohi, Bandanaira, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like Mina Array Bea, Pinedale Array, etc.

ISC 02 19:07:50.4, 1.7, 37.16N: 26.29E, h0km, mb3.6/3, mb1.3/6.9, mb1mx3.3/27, mbtmp3.6/3, Error ellipse: s-maj=34.5km, s-min=26.2km, az=141.0

THE 02 19:08:00.0, 36.51N: 26.75E, h130km, 9km, ML3.4/1, Error ellipse: s-maj=9.1km, s-min=1.2km, az=193.0

ISC 02 19:08:08.8, 36.70N: 26.84E, h104km, 2km, ML2.3/11, Error ellipse: s-maj=1.8km, s-min=0.2km, az=112.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like KOSK, NIS1, BODT, etc.

DJA 02 19:31:26.5, 0.4, 5.4S: 4.12E, h206km, 4km, M4.0/11, mb4.0/3, MLV3.9/11

ISC 02 19:31:26.3, 0.8, 3.91S: 107.12E: 0.07, h250km, n17, 2591.22, mb3.9/3, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like Masohi, Bandanaira, etc.

ISC 02 19:39:36.7, 4.7, 17.21S: 174.54W, h0km, mb3.9/3, mb1.4/1.4, mb1mx3.7/37, mbtmp4.0/4, ML4.4/1, Error ellipse: s-maj=221.0km, s-min=32.9km, az=140.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like Afiamalu, Stephens Creek, etc.

ISC 02 19:39:48.6, 1.4, 6.35N: 123.75E, h0km, mb3.7/6, mb1.3/6.6, mb1mx3.5/51, mbtmp3.7/5, mb3.2/2, ms1mx2.6/20, Error ellipse: s-maj=132.7km, s-min=18.4km, az=69.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like Kunigami, Fitzroy Cross, etc.

2d 20h

Table with columns: MCK, baz, Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like CAST Castle Rocks, TRF Thorofare Moun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like PGP Puerto Galera, TGY Tagaytay City, etc.

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Main table with columns: ASAR, Alice Springs, 39.42 160 P, P, 20 17 45.5 -2.0. Includes VAO 02 20:13:38.7, NEIC 02 20:13:45.4, GUC 02 20:13:45.8, etc.

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Table with columns: RFA, San Rafael, 3.38 177 eP, Pn, 20 14 35.8 -0.1. Includes TINO Tunogasta, BO01 Tunca, AC04 Llanos de Chal, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like EGAK Eagle, BMAR Burnt Mountain, DAWY Dawson, etc.

IDC 02 20:59:15.9z.2.5,22.64N-102.04E, h0km, mb3.4/2, mb1 3.3/3, mb1mx3.1/43, mbtmp3.2/3, ML3.0/1, Error ellipse: s-maj=59.5km s-min=19.6km az=113.0, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR 1.4nm, 0.3s, etc.

IDC 02 21:17:33.8z.1.1, 4.54N:0.06:97.1E:0.1, h10km, n14, c#080/13, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LHMI Lhok Sumawe, TPTI TPTI, TSI Tuntungan, etc.

IDC 02 21:35:08.3z.4.0, 4.68S:153.58E, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.2/35, mbtmp3.2/2, Error ellipse: s-maj=184.8km s-min=54.3km az=123.0, New Ireland region

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

IDC 02 22:07:54.2z.2.0, 7.13S:155.59E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.6/31, mbtmp3.7/4, Error ellipse: s-maj=76.1km s-min=30.3km az=129.0

IDC 02 22:08:01.2z.0.1, 7.25S:0.3:155.6E:0.4, h50km, n8, c#036/6, mb3.5/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, H1S3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like H1S1 WAKE ISLAND Hy, CMAR Chiang Mai Arr, CMAR 0.9nm, etc.

IDC 02 22:26:44.1z.1.7, 2.45S:141.37E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.5/26, mbtmp3.7/4, ML3.7/1, MS2.7/1, Mst 1.2/1, mstmx2.4/31, Error ellipse: s-maj=96.3km s-min=27.3km az=116.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, KAPI Kappang, FITZ Fitzroy Crossi, etc.

KRSZO 02 22:49:36.3z.0.8, 4.3:52N:17.04E, h2km, 3km, ML3.4/19, Error ellipse: s-maj=3.0km s-min=2.0km az=60.0

PDG 02 22:49:36.1z.0.3, 43:54N:17.04E, h1km, ML3.0/14, Error ellipse: s-maj=0.7km s-min=1.0km az=0.0

IASPEI 02 22:49:36.6z.1.1, 43:52N:0.02:17.03E:0.03, h0km, 9km, Error ellipse: s-maj=4.5km s-min=3.0km az=50.4, GTS selection from ISC bulletin GTS identified by Bond and McLaughlin (2009) selection criteria Bond and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, <i>do</i>, 465-472, 2009

BEO 02 22:49:36.8z.0.6, 4.3:52N:16.94E, h0km, ML3.0/12, RHSSO 02 22:49:37.2z.0.3, 43:52N:17.05E, h2km, 1km, ML3.1/16

PRU 02 22:49:38.7z.0.0, 43:58N:17.08E, h0km, ISC 02 22:49:37.1z.1.0, 43:52N:0.02:17.04E:0.02, h4km, 8km, n136, c#1919/224, 19C-14D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like RICI Ricice, MAKAK Makarska, HVAR Hvar, etc.

IDC 02 21:17:33.8z.1.1, 4.54N:0.06:97.1E:0.1, h10km, n14, c#080/13, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR 1.4nm, 0.3s, etc.

IDC 02 21:35:08.3z.4.0, 4.68S:153.58E, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.2/35, mbtmp3.2/2, Error ellipse: s-maj=184.8km s-min=54.3km az=123.0, New Ireland region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like IVA Berane, DIVS Divibare, DIVS Divibare, etc.

IDC 02 22:26:44.1z.1.7, 2.45S:141.37E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.5/26, mbtmp3.7/4, ML3.7/1, MS2.7/1, Mst 1.2/1, mstmx2.4/31, Error ellipse: s-maj=96.3km s-min=27.3km az=116.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like OZLJ Ozalj, ZAG Zagreb, PTJ Puntijarka, etc.

KRSZO 02 22:49:36.3z.0.8, 4.3:52N:17.04E, h2km, 3km, ML3.4/19, Error ellipse: s-maj=3.0km s-min=2.0km az=60.0

PDG 02 22:49:36.1z.0.3, 43:54N:17.04E, h1km, ML3.0/14, Error ellipse: s-maj=0.7km s-min=1.0km az=0.0

IASPEI 02 22:49:36.6z.1.1, 43:52N:0.02:17.03E:0.03, h0km, 9km, Error ellipse: s-maj=4.5km s-min=3.0km az=50.4, GTS selection from ISC bulletin GTS identified by Bond and McLaughlin (2009) selection criteria Bond and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, <i>do</i>, 465-472, 2009

BEO 02 22:49:36.8z.0.6, 4.3:52N:16.94E, h0km, ML3.0/12, RHSSO 02 22:49:37.2z.0.3, 43:52N:17.05E, h2km, 1km, ML3.1/16

PRU 02 22:49:38.7z.0.0, 43:58N:17.08E, h0km, ISC 02 22:49:37.1z.1.0, 43:52N:0.02:17.04E:0.02, h4km, 8km, n136, c#1919/224, 19C-14D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KOVH Gruza, GRUS Ljbljana, LOBO Lorob, etc.

IDC 02 21:17:33.8z.1.1, 4.54N:0.06:97.1E:0.1, h10km, n14, c#080/13, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR 1.4nm, 0.3s, etc.

IDC 02 21:35:08.3z.4.0, 4.68S:153.58E, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.2/35, mbtmp3.2/2, Error ellipse: s-maj=184.8km s-min=54.3km az=123.0, New Ireland region

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KRUC, MOTA, RETA, WDC, W13A, U15A.

ANF 02 23:22:43.0, 3.0, 3.7, 93N, 118.17W, h10km, 2km, ML3.3/8, Error ellipse: s-maj=3.0km s-min=1.8km az=144.0

REN 02 23:22:43.0, 3.0, 3.7, 93N, 118.17W, h10.04, hgkm, 4km, ML3.5/6, ML3.0/73(NEIC), Error ellipse: s-maj=4.7km s-min=4.2km az=113.0

NEIC 02 23:22:43.1, 1.3, 3.7, 92N, 118.14W, h10.04, h10km, 6km, Error ellipse: s-maj=4.5km s-min=4.2km az=80.0

ISC 02 23:22:42.2, 1.2, 3.7, 95N, 102.118, 12W, h10.02, h4km, 11km, n55, c581/66, California-Nevada border region

Main table of station data with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists numerous stations including MLNR, BENR, LHV, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KNB, WDC, W13A, U15A.

IDC 03 00:06:29.8, 0.4, 24.7, 9N, 121.97E, h0km, mb4.6/31, mb1 4.7/36, mb1mx4.6/58, mbmp4.6/36, ML3.6/5, MS4.4/37, Ms1 4.4/37, ms1mx4.3/45, Error ellipse: s-maj=13.8km s-min=9.9km az=70.0

JMA 03 00:06:30.7, 0.1, 24.7, 99N, 121.98E, h2km, MB5.0, B/J 03 00:06:30.7, 0.1, 24.7, 95N, 121.97E, h10km, mb5.0, mb4.5/62, ML5.2/8, Ms5.2/80, Ms7.5/074

NIED 03 00:06:30.8, 24.8, 99N, 121.98E, h2km, MW5.0, Moment Tensor Solution, s3 Moment tensor: Scale 1016Nm; Mr=4.05; Mw=2.59; Mb=1.46; M=0.87; Mb=1.87; Mr=0.39; Fault plane solution: Mw4.12000x1016 NP1: p244.00000, s49.00000, l-76.00000. NP2: p43.00000, s43.00000, l-106.00000.

TAP 03 00:06:30.3, 24.8, 99N, 122.03E, h9km, ML4.8, C MOS 03 00:06:30.9, 1.4, 24.8, 99N, 121.97E, h12km, mb5.1/44, MS4.6/8, Error ellipse: s-maj=7.6km s-min=5.1km az=99.2

GCMT 03 00:06:30.3, 0.2, 25.0, 94N, 122.16E, h12km, MW5.1/116, Moment Tensor Solution, s42.655; s116, c183; Duration: 0 Moment tensor: Scale 1016Nm; Mr=3.51; Mw=1.50; Mb=2.01; Ms=2.10; Ms=3.55; Ms=2.9; Ms=2.55; Ms=0.8; Mr=0.97; Ms=2.9; Best double couple: Mw5.32700x1016 NP1: p17.00000, s40.00000, l-140.00000. NP2: p254.00000, s66.00000, l-57.00000. Principal axes: T 4.7540, Plg15.0000; Azm321.0000; N 1.1460, Plg30.0000; Azm59.0000; P -5.9000, Plg56.0000; Azm208.0000; nsta1 refers to surface waves, cutoff=50s. Triangular moment-rate function

ASIES 03 00:06:32.3, 2.5, 24.7, 92N, 121.97E, h16km, MW4.8, NEIC 03 00:06:32.3, 2.5, 24.7, 92N, 122.03E, h21km, Moment Tensor Solution, Moment tensor: Scale 1016Nm; Mr=0.90; Mw=0.47; Mb=1.37; Ms=0.71; Ms=1.89; Ms=0.71; Fault plane solution: Mw2.46000x1016 NP1: p288.26000, s63.16000, l-156.73000. NP2: p187.27000, s69.36000, l-28.85000. Principal axes: T 2.5685, Plg4.0000, Azm239.0000; N -0.2347, Plg55.0000, Azm335.0000; P -2.3338, Plg35.0000, Azm146.0000; NEIC 03 00:06:32.3, 2.5, 24.7, 92N, 122.04E, h10km, 1km, mb5.0/113, Mw4.9/23, ML4.4(TAP) Error ellipse: s-maj=9.0km s-min=3.2km az=184.0

ISC 03 00:06:31.0, 0.5, 24.3, 92N, 122.06E, h10km, 2km, n457, s1881/515, mb4.9/137, MS4.6/51, 37C-18D, Fault plane solution: NP1: p210.54962, s85.96613, l-92.00299. Principal axes: T Plg10.9452, Azm301.9920; N Plg1.6598, Azm211.6710; P Plg78.9266, Azm113.1565; Taiwan region

Main table of station data with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists numerous stations including TWB1, TWB1, NTC, TIPB, etc.

Main table of station data with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists numerous stations including NNSB, NNS, ETL, etc.

2015 NOV

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like ELDTW, WTK, CHN2, etc.

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like TIA, T.JN, QIZ, etc.

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like LZH, MDJ, USA0B, etc.

CIT	Chita	27.91 349	eP	P	00 12 22.2 +0.4
JRMM	Jerantut	28.09 225	P	P	00 12 31.0 +7.3
KULM	Kulim	28.29 230	P	P	00 12 31.0 +5.5
MSAI	Masohi	28.80 166	P	P	00 12 30.0 0.0
ZEA	Zeya	29.12 6	eP	S	00 12 34.1 +1.5
ZEA			eS	S	00 17 21.1 -3.2
ZEA	comp=Z,40nm,1.3s		pmax	pmax	
ZEA	comp=Z,100nm,5.5s		pmax	pmax	
ZEA	comp=Z,100nm,5.1s		pmax	pmax	
ZEA	comp=Z,1µm,10.9s		smax	smax	
ZEA	comp=N,400nm,15.2s		MLR	MLR	
ZEA	comp=Z,1µm,11.0s		MLR	MLR	
ZAK	Zakamensk	29.35 335	eP	P	00 12 33.6 -1.2
ZAK			eP	pmax	
KAPI	Kappang	29.76 185	LR	LR	00 26 33.6
KAPI	comp=Z,165nm,19.1s, baz=40		pmax	pmax	
SRPI	Serui, Papua	29.90 151	P	P	00 12 40.8 +1.0
TLTY	Talaya	30.27 337	eP	P	00 12 42.2 -0.6
TLTY	comp=Z,81nm,0.9s		pmax	pmax	
TLTY	comp=Z,5µm,11.0s		MLR	MLR	
TLTY		30.27 337	P	P	00 12 42.4 -0.4
TYV	Tymovskoe	30.45 26	eP	P	00 12 50.8 +6.5
TYV	comp=Z,200nm,2.8s		pmax	pmax	
TYV	comp=Z,28nm,1.1s		pmax	pmax	
SMPI	Sarmi	31.18 146	P	P	00 12 52.3 +1.2
SMPI	comp=Z,27nm,1.7s		pmax	pmax	
MOY	Mody	31.25 334	eP	P	00 12 50.8 -0.8
MOY			eP	pmax	
MNSI	Mandaling Nat	32.30 226	P	P	00 13 00.7 -0.3
MNSI	comp=Z,15nm,0.9s		pmax	pmax	
EDFI	Ende, Flores	33.39 181	P	P	00 13 09.6 -1.0
EDFI	comp=Z,9.4nm,0.8s		pmax	pmax	
BOD	Bodaibo	33.45 352	eP	P	00 13 10.3 -0.3
BOD			eP	pmax	
LHSI	Lahat	33.71 215	P	P	00 13 13.2 -0.1
LHSI	comp=Z,19nm,1.9s		pmax	pmax	
WMQ	Urumqi	33.79 313	eP	P	00 13 14.4 +0.6
WMQ	comp=Z,26nm,0.8s		eP	pmax	
WMQ	comp=Z,24nm,1.9s		pmax	pmax	
WMQ	comp=Z,230nm,4.9s		LR	LR	
WMQ	comp=Z,1µm,12.9s		LR	LR	
WMQ	comp=Z,2µm,11.5s		LR	LR	
WMQ	comp=Z,1µm,12.7s		LR	LR	
MDSI	Maura Dua	33.94 213	P	P	00 13 14.5 -0.8
MDSI	comp=Z,1µm,comp=Z,7.1nm,1.1s		pmax	pmax	
PWJI	Pagerwojo	34.16 198	P	P	00 13 16.3 -0.8
PWJI	comp=Z,29nm,0.9s		pmax	pmax	
YAK	Yakutsk	37.54 6	eP	eP	00 13 43.9 -1.7
YAK			e	eP	00 13 51.2 +1.0
YAK			e	e	00 15 09.5
YAK			e	e	00 16 00.8
YAK			eS	S	00 19 34.0 -0.4
YAK	comp=Z,38nm,1.4s		pmax	pmax	
YAK	comp=N,20nm,1.1s		pmax	pmax	
YAK	comp=E,14nm,1.8s		pmax	pmax	
YAK	comp=Z,10.0nm,0.4s		pmax	pmax	
YAK	comp=N,113nm,3.8s		pmax	pmax	
YAK	comp=E,45nm,2.9s		smax	smax	
YAK	comp=E,70nm,3.8s		smax	smax	
YAK	comp=N,105nm,3.7s		MLR	MLR	
YAK	comp=Z,811nm,17.0s		MLR	MLR	
YAK	comp=N,423nm,15.0s		MLR	MLR	
YAK	comp=E,469nm,15.0s		MLR	MLR	
YAK	Yakutsk	37.54 6	P	P	00 13 45.6 0.0
IKAR	Makanchi Array	38.43 315	P	P	00 13 53.0 -0.5
IKAR	comp=E,6.5nm,0.6s, baz=103, slow=11, SNR=28		PcP	PcP	
MKAR	comp=E,1.0nm,0.8s, baz=105, slow=3.0, SNR=2.3		LR	LR	00 31 09.2
MKAR	comp=E,1µm,18.0s, baz=88, slow=38		LR	LR	00 13 52.6 -0.9
MKAR	Makanchi Array	38.43 315	P	P	00 16 06.5
MKAR	comp=Z,20nm,1.2s		pmax	pmax	
MKAR	Makanchi Array	38.43 315	P	P	00 13 52.6 -0.9
MTN	Mannton Dam	38.48 166	P	P	00 13 52.8 -1.3
MTN	comp=Z,36nm,1.2s		IAMB	IAMB	00 13 56.1
H2K	Makanchi	38.64 315	P	P	00 13 54.9 -0.4
MAKZ	comp=Z,20nm,1.2s		pmax	pmax	
MAKZ	Makanchi	38.64 315	P	P	00 13 54.9 -0.4
PETK	Petrovskovsk-	38.88 34	LR	LR	00 31 54.0
PETK	comp=Z,237nm,18.9s, baz=223, slow=39		LR	LR	
MA2	Magadan	40.08 22	eP	P	00 14 08.9 +1.9
MA2	comp=Z,19nm,1.2s		pmax	pmax	
ZAAO	Zalesovo Array	40.14 326	P	P	00 14 06.5 -1.1
ZAAO	comp=Z,37nm,1.2s		IAMB	IAMB	00 14 11.0
ZALV	Zalesovo Beam	40.14 326	P	P	00 14 06.3 -1.3
ZALV	comp=Z,16nm,0.9s, baz=111, slow=8.1, SNR=53		LR	LR	00 31 58.3
ZALV	comp=Z,1µm,21.1s, baz=122, slow=36		P	P	00 14 19.2 +2.3
KSH	Kashi	41.22 302	P	P	00 14 24.0 +2.6
KSH			eP	eP	00 14 26.1 +6.0
KSH	comp=Z,6.0nm,1.6s		LR	LR	
KSH	comp=Z,940nm,14.8s		LR	LR	
KSH	comp=Z,1µm,14.9s		LR	LR	
KURK	Kurchatov	42.11 319	eP	P	00 14 22.6 -1.3
KURK	comp=Z,31nm,1.4s		pmax	pmax	
KURK	Kurchatov	42.11 319	P	P	00 14 23.1 -0.7
KURK	comp=Z,30nm,1.3s		IAMB	IAMB	00 14 27.8
AAK	Ala-Archa	42.75 307	P	P	00 14 29.7 +0.3
AAK	comp=Z,3.7nm,0.9s, baz=133, slow=4.8, SNR=9.5		pmax	pmax	
AAK	Ala-Archa	42.75 307	eP	P	00 14 29.6 +0.2
AAK	comp=Z,1.1nm,0.8s		pmax	pmax	
AAK	Fitzroy Crossi	42.75 307	P	P	00 14 29.8 +0.3
AAK	comp=Z,1.4nm,0.7s, baz=116, slow=19, SNR=2.2		pmax	pmax	
COEN	Coen	43.72 150	P	P	00 14 37.0 -0.3
COEN	comp=Z,15nm,0.8s		IAMB	IAMB	00 14 51.3
DRK	Karamyk	44.43 302	P	P	00 14 45.6 +2.4
BTk	Batken	45.22 303	P	P	00 14 50.3 +1.1
BTk	comp=Z,8.0nm,1.2s		pmax	pmax	
BTk	Batken	45.22 303	P	P	00 14 50.3 +1.1
GAR	Garm	45.56 301	P	P	00 14 52.1 +0.2
GAR	comp=Z,26nm,1.3s		IAMB	IAMB	00 14 57.0
KK31	Karatay Array	45.71 307	P	P	00 14 53.7 +0.7
KK31	comp=Z,3.0nm,0.8s		pmax	pmax	
KK31	Karatay Array	45.71 307	P	P	00 14 53.7 +0.7

KKAR	Karatay Array	45.71 307	P	P	00 14 53.3 +0.3
KKAR	Karatay Array	45.71 307	P	P	00 14 53.8 +0.8
KKAR	Karatay Array	45.71 307	P	P	00 14 54.3 +0.3
WRA	Warramunga Arr	46.09 164	P	P	00 14 54.0 -2.1
WRA	comp=Z,20nm,0.8s, baz=346, slow=8.1, SNR=45		PcP	PcP	00 16 31.9 -0.4
WRA	comp=Z,2.1nm,1.0s, baz=347, slow=3.1, SNR=1.8		LR	LR	00 35 37.4
WB2	Warramunga Arr	46.09 164	P	P	00 14 55.2 -0.9
WB2	comp=Z,86nm,20.0s, baz=350, slow=38		P	P	00 14 55.2 -1.4
CHGR	Chuyangaron	46.45 301	IAMB	IAMB	00 15 02.5
CHGR	comp=Z,8.2nm,0.7s		IAMB	IAMB	
KBL	Kabul	46.61 295	P	P	00 15 00.8 +0.4
KBL	comp=Z,15nm,1.2s		pmax	pmax	
KBL	Kabul	46.61 295	P	P	00 15 00.8 +0.4
KBL	comp=Z,15nm,1.2s		IAMB	IAMB	00 15 09.0
TIXI	Tiksi	47.00 3	P	P	00 15 01.7 -0.9
TIXI	Tiksi	47.00 3	P	P	00 15 01.1 -1.6
BVAR	Borovoye Array	47.68 320	P	P	00 15 08.0 -0.3
BVAR	comp=Z,3.1nm,0.6s, baz=157, slow=16, SNR=13		P	P	00 15 09.1 +0.4
BRVK	Borovoye	47.75 320	eP	P	00 15 09.1 +0.4
BRVK	comp=Z,23nm,1.1s		pmax	pmax	
BRVK	Borovoye	47.75 320	P	P	00 15 09.2 +0.5
BRVK	comp=Z,19nm,1.1s		IAMB	IAMB	00 15 13.1
NRIK	Noril'sk	48.98 345	P	P	00 15 16.2 -1.8
NRIK	comp=Z,39nm,1.0s, baz=129, slow=8.7, SNR=32		LR	LR	00 37 07.9
NRIK	Noril'sk	48.98 345	eP	P	00 15 16.8 -1.2
NRIK	comp=Z,625nm,19.7s, baz=142, slow=38		LR	LR	
NRIK	Noril'sk	48.98 345	eP	P	00 15 16.8 -1.2
NRIK	comp=Z,68nm,1.1s		pmax	pmax	
ASAR	Alice Springs	49.57 166	P	P	00 15 23.2 +0.2
ASAR	comp=Z,5.1nm,0.8s, baz=341, slow=7.2, SNR=34		PcP	PcP	00 16 45.2 +0.4
ASAR	comp=Z,1.5nm,0.8s, baz=332, slow=3.3, SNR=1.9		LR	LR	00 36 09.1
CTA	Charters Tower	50.48 150	P	P	00 15 31.2 +1.1
CTA	comp=Z,202nm,20.1s, baz=1.0, slow=36		P	P	00 15 31.2 +1.1
CTA	Charters Tower	50.48 150	P	P	00 15 31.8 +1.8
CTA	comp=Z,7.5nm,1.1s, baz=303, slow=10.1, SNR=4.9		pmax	pmax	
CTA	Charters Tower	50.48 150	P	P	00 15 31.8 +1.8
CTA	comp=Z,14nm,1.2s		pmax	pmax	
CTA	Charters Tower	50.48 150	P	P	00 15 31.8 +1.8
CTA	comp=Z,14nm,1.2s		IAMB	IAMB	00 15 32.8
ABKAR	Abkulkul array	53.56 314	IAMB	IAMB	00 15 57.2
ABKAR	comp=Z,14nm,1.1s		IAMB	IAMB	
SVE	Sverdlovsk	53.99 323	eP	P	00 15 58.4 +2.7
SVE	comp=Z,25nm,1.3s		pmax	pmax	
ARU	Arti	55.07 323	iP	P	00 16 05.8 +2.3
ARU	comp=Z,19nm,0.9s		S	S	00 18 02.8
ARU	Arti	55.07 323	S	S	00 22 52.2 +6.4
ARU	comp=Z,524nm,22.0s		pmax	pmax	00 27 34.1 +4.8
ARU	Arti	55.07 323	P	P	00 16 04.6 +1.1
ARU	comp=Z,14nm,0.8s		IAMB	IAMB	00 16 06.6
GEYT	Alibek	55.16 300	P	P	00 16 04.9 +0.4
GEYT	comp=Z,5.2nm,0.7s, baz=342, slow=0.5, SNR=5.7		LR	LR	00 43 55.3
NWAO	Narrogin (SRO)	57.63 165	P	P	00 16 21.5 -0.5
NWAO	comp=Z,9.0nm,1.0s, baz=100, slow=1.1, SNR=2.9		P	P	00 16 21.5 -0.5
STKA	Stephens Creek	59.41 161	P	P	00 16 33.1 -1.3
STKA	comp=Z,6.4nm,0.7s, baz=332, slow=6.0, SNR=8.9		LR	LR	00 43 16.2
STKA	Stephens Creek	59.41 161	P	P	00 16 34.9 +0.5
STKA	comp=Z,215nm,20.1s, baz=9.2, slow=57		P	P	00 16 34.9 +0.5
STKA	Stephens Creek	59.41 161	P	P	00 16 34.9 +0.5
STKA	comp=Z,2.0nm,0.9s		pmax	pmax	
STKA	Stephens Creek	59.41 161	P	P	00 16 34.9 +0.5
PRGR	Pergomore	62.04 328	eP	P	00 16 51.2 -0.8
PRGR	comp=Z,89nm,1.5s		pmax	pmax	
DZM	Mont Dzumac	63.50 134	eP	P	00 17 02.0 -0.4
DZM	comp=Z,56nm,1.4s		eS	S	00 25 33.3 -2.6
DZM	Mont Dzumac	63.50 134	eLR	LR	00 36 06.8
DZM	comp=Z,2µm,25.5s		LR	LR	
DZM	Mont Dzumac	63.50 134	P	P	00 17 01.0 -1.4
DZM	comp=Z,10.0nm,1.0s, baz=27, slow=4.9, SNR=5.1		LR	LR	00 40 02.7
OUCN	Ouen Island, N	64.00 134	P	P	00 17 07.4 +1.8
OUCN	comp=Z,448nm,21.8s, baz=284, slow=32		P	P	00 17 07.4 +1.8
VRH	Novokhopysk	65.12 317	eP	P	00 17 10.2 -2.4
VRH	comp=Z,1.0nm,0.8s		pmax	pmax	
ZEI	Tsey	65.16 307	eP	P	00 17 11.4 -1.9
ZEI	comp=Z,3.0nm,1.0s		pmax	pmax	
J20K	Nowinta River	65.26 29	IAMB	IAMB	00 17 28.1
J20K	comp=Z,15nm,1.2s		IAMB	IAMB	
K20K	Telida	65.38 30	P	P	00 17 17.2 +3.1
K20K	comp=Z,13nm,1.2s		IAMB	IAMB	00 17 25.1
ONI	Oni	65.53 307	P	P	00 17 17.0 +1.5
ONI	comp=Z,21nm,1.3s		pmax	pmax	
ONI	Oni	65.53 307	P	P	00 17 17.0 +1.5
ONI	comp=Z,20nm,1.3s		IAMB	IAMB	00 17 23.9
ONI	Melozitina Rv	65.66 27	P	P	00 17 17.8 +1.9
H21K	Khabaz	65.69 309	P	P	00 17 23.9
H21K	comp=Z,14nm,1.1s		IAMB	IAMB	
KBZ	Khabaz	65.69 309	P	P	00 17 16.1 -0.4
KBZ	comp=Z,5.0nm,1.0s, baz=136, slow=5.5, SNR=1.5		LR	LR	00 49 28.8
KBZ	Khabaz	65.69 309	eP	P	00 17 15.7 -0.7
KBZ	comp=Z,566nm,19.6s, baz=79, slow=39		pmax	pmax	
KBZ	Khabaz	65.69 309	eP	P	00 17 15.7 -0.7
KIV	Kislovodsk	65.80 309	eP	P	00 17 16.3 -1.0
KIV	comp=Z,6.0nm,1.0s		pmax	pmax	
KIV	Kislovodsk	65.80 309	eP	P	00 17 16.3 -1.0
KIV	comp=Z,12nm,1.0s		MLR	MLR	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like CHN1, TWG Pinlang, TWGBT Beinan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like ENA Nanau, ENA, EWUT Wuta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like TWQ1 Liyutan, TWQ1, NSY Sanyi, etc.

MOS 03 00:44:44.3-2.3, 52.63N, 142.67E, h10km, mb4.3/1, Error ellipse: s-maj=21.4km s-min=10.9km az=85.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like NGLR Nogliki, NGLR, OKH Okha, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like NSK Sanguang, NSK, NTC Toucheng, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like CHN5 Tsuling, CHN5, WDLH Douliu, etc.

JMA 03 00:46:19.5-0.1, 24.44N, 121.64E, h61km, 2km, M2.6
TAP 03 00:46:20.2, 24.47N, 121.69E, h57km, ML3.6, B
ISC 03 00:46:20.8-1.2, 24.49N, 121.70E, 0.02, h54km, 4km, n102, s09/181, 8C-10D, Taiwan

Table with columns: J05D, Fort Rock, OR, 82.93, 47, P, P, 01 23 08.1 +1.4, etc. Lists various astronomical observations with coordinates and magnitudes.

Table with columns: RLMT, Red Lodge, 90.71, 43, P, Iamb, 01 23 45.1 +0.4, etc. Lists astronomical observations from Red Lodge, including various star patterns and magnitudes.

Table with columns: TRQA, Torunquist, 145.19, 140, PKPab, PKPbc, 01 30 17.6 -1.4, etc. Lists astronomical observations from Torunquist, including star patterns and magnitudes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YZKH, YZKH, ISFB, ICOM, IBZA, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB01, PB02, PB02, PB02, PB08, etc.

IDC 03 05:49.42.1.0, 4.6, 5.70S, 146.81E, h95km, 14km, mb4.2/17, mb1.4/3.20, mb1.1mx4.1/46, mbtmp4.5/20, MS3.2/6, Ms1.3/2.6, ms1mx2.9/31, Error ellipse: s-maj=14.9km s-min=8.9km az=102.0

ROM 03 05:53:36.2.0, 4.5, 45328N, 0:008, 10:37E, 0:01, h8km, 1km, ML1.6/5, Error ellipse: s-maj=0.9km s-min=0.6km az=151.0, Northern Italy

ROM 03 05:53:36.2.0, 4.5, 45328N, 0:008, 10:37E, 0:01, h8km, 1km, ML1.6/5, Error ellipse: s-maj=0.9km s-min=0.6km az=151.0, Northern Italy

NEIC 03 05:59:42.8.1.5, 5.83S, 0:06x146.69E, 0:04, h110km, 6km, mb4.5/19, Error ellipse: s-maj=9.7km s-min=4.7km az=205.0

PLCA Paso Flores 122.41 147 PKP PKIKP 04 13 26.1 +0.4

Code Station Name Az Az' Phase ID Time Res

DJA 03 05:59:43.1.0.4, 6.3, S.3, 14.7E, h96km, 6km, M4.7/17, mb5.0/5, mb4.7/17, MLV4.9/35, Mw(mb)4.3/5

ILAR Eielson Array 85.36 23 P 04 12 05.7 -1.5

LEOD Capriano del C 0.21 307 Op P 04 12 04.2 -0.9

ISC 03 05:59:41.3.0.4, 5.78S, 0:05x146.81E, 0:07, h100km, n83, r154/84, mb4.3/28, Eastern New Guinea region

ILAR Eielson Array 85.36 23 P 04 12 05.8 -1.3

LEOD Salir 0.31 21 P 04 12 04.0 -1.3

Code Station Name Az Az' Phase ID Time Res

ILAR Eielson Array 85.36 23 P 04 12 05.8 -1.3

LEOD Salir 0.31 21 P 04 12 04.0 -1.3

Code Station Name Az Az' Phase ID Time Res

ILAR Eielson Array 85.36 23 P 04 12 05.8 -1.3

LEOD Salir 0.31 21 P 04 12 04.0 -1.3

Code Station Name Az Az' Phase ID Time Res

ILAR Eielson Array 85.36 23 P 04 12 05.8 -1.3

LEOD Salir 0.31 21 P 04 12 04.0 -1.3

Code Station Name Az Az' Phase ID Time Res

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LEOD Salir 0.31 21 P 04 12 04.0 -1.3

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Code Station Name Az Az' Phase ID Time Res

ILAR Eielson Array 85.36 23 P 04 12 05.8 -1.3

LEOD Salir 0.31 21 P 04 12 04.0 -1.3

3d 10h

Table with columns: BOB, comp=N, AML, AML, Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ronca, Graiana, Equi, etc.

ICD 03 09:44:27.2, 1.4, 30.74S; 179.52W, h286km, 17km, mb2.6/2, mb1 3.0/3, mb1mx2.9/20, mbtrmp3.5/3, Error ellipse: s-maj=42.9km s-min=19.2km az=123.0, mb5.2/12, ML 6.2, 13 ML 6.2, Mw(mby) 6.12, Error ellipse: s-maj=0.0km s-min=0.0km az=113.7, ICD 03 09:44:29.8, 1.0, 30.93S; 0.09:180.0W, 0.1, h300km, n64,

2015 NOV

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Green Lake, Raoul Island, Waioamatani S, etc.

JMA 03 10:04:51.3, 0.1, 37.34N; 140.38E, h97km, 1km, M3.5, Eastern Honshu Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC. Includes stations like Kawauchi, Iwakimizuishi, etc.

Table with columns: SALK, Salom-Alik, 0.54 127, Pg, 10 09 05.2 -0.6, etc. Includes stations like Salom-Alik, OHH, AML, etc.

KRNET 03 10:08:55.1, 0.1, 41.23N; 73.33E, h14km, mb2.7, SOME 03 10:08:55, 0.1, 41.28N; 73.28E, h15km, NNC 03 10:08:57.9, 1.3, 41.34N; 73.44E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=10.6km s-min=5.6km az=175.0, KNET 03 10:08:57.2, 0.5, 41.35N; 73.41E, h7km, 3km, ml2.1, Error ellipse: s-maj=7.1km s-min=3.0km az=104.0, ICD 03 10:08:55.4, 0.7, 41.21N; 0.02:73.25E, 0.02, h10km, n53, s=1923/91, 40C-13D, Kyrgyzstan Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC. Includes stations like Karatobe, KUTY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KTBS, SATY, ARX, UZB, etc.

NEIC 03 10:28:58.6:1.4, 31.20S:0.04:72.2W:0.1, h4km, 6km, mb4.1/5, ML4.0(GUC), Error ellipse: s-maj=13.9km

GUC 03 10:28:59.6:0.6, 31.26S:72.18W, h20km, 5km, ML3.9

ISC 03 10:28:59.2:4.5, 31.26S:71.92W, h0km, mb4.0/3, mb1 3.9/6, mb1mx3/7.27, mbtmp3.8/6, ML3.7/3, MS4.4/2, Ms1 4.4/2, ms1mx3/1.26, Error ellipse: s-maj=139.2km

s-min=25.6km az=104.0, ISC 03 10:28:59.6:1.6, 31.23S:0.03:72.19W, 0.08, h11km, 10km, n5.0, c0895/57, mb4.0/4, 8C-3D, Off coast of central Chile

Main table for stations 145, including codes like CO06, VA06, GO04, MT02, etc., with station names and coordinates.

IDC 03 10:30:17.8:1.7, 37.01N:28.74E, h0km, mb3.6/2, mb1 3.6/3, mb1mx3/4.40, mbtmp3.6/3, ML3.6/1, MS2.5/2, Ms1 2.6/2, ms1mx3/3.38, Error ellipse: s-maj=201.1km

ATH 03 10:30:19.6, 37.21N:28.64E, h10km, 31km, ML3.4/5, Error ellipse: s-maj=31.6km s-min=2.6km az=0.0

THE 03 10:30:19.1, 37.16N:28.71E, h0km, 1km, ML3.5/2, Error ellipse: s-maj=2.4km s-min=1.5km az=48.0

ISC 03 10:30:18.8:1.0, 37.18N:28.68E:0.01, h6km, 8km, n75, c0895/104, Turkey

Main table for stations 2015 NOV, including codes like MULA, YER, TAV, DALY, etc., with station names and coordinates.

NOA NORSAR Array B 26.31 341 LR LR 1048 14.6

TORD Torodi Ar. Bea 33.97 232 P P 10 37 02.2 -1.1

MKAR Makaroni Array 40.29 59 P P 10 37 58.1 +1.4

ATH 03 10:47:11.0, 33.95N:23.84E, h11km, 5km, ML3.5/5, Error ellipse: s-maj=17.2km s-min=3.2km az=18.0

THE 03 10:47:18.4, 34.38N:24.07E, h0km, 3km, ML3.1/4, Error ellipse: s-maj=6.8km s-min=1.2km az=213.0

ISC 03 10:47:16.6:2.3, 34.33N:0.1:23.99E:0.07, h10km, n20, c0877/24, Crete

Main table for stations 3d 11h, including codes like GVD, SIVA, VAM, etc., with station names and coordinates.

GRG 03 11:00:31.0:0.0, 48.96N:149.16E, h420km, 1km, mb4.5

3d 11h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like GRL Gorelly, MTRV Mutnovka, etc.

2015 NOV

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like YUK comp=Z,4um,0.8s, GRPR Tuman, etc.

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Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like JYT Yasato, MAJO Matsushiro, etc.

CHUM	Lake Minchumin	32.63	44	P	P	11 06 30.6 +1.5
I21K	Tanana	32.73	41	P	Iamb	11 06 31.1 +1.1
I21K	comp-Z, 2.44nm, 1.3s					11 06 33.0
I21K	Tanana	32.73	41	P	P	11 06 31.0 +1.1
RSO	Redoubt South	32.73	50	P	P	11 06 29.4 -0.9
PPLA	Purkeypile	32.74	45	Iamb	Iamb	11 06 32.3 +2.0
PPLA	comp-Z, 6.5nm, 1.0s					11 06 36.2
PPLA	Purkeypile	32.74	45	P	P	11 06 32.1 +1.8
CAST	Castle Rocks	32.76	44	P	Iamb	11 06 31.2 +0.9
CAST	comp-Z, 6.5nm, 0.9s					11 06 32.7
CAST	Castle Rocks	32.76	44	P	P	11 06 31.8 +1.5
O20K	Slope Mountain	32.85	51	P	P	11 06 32.2 +0.9
SPCR	Spurr Chakacha	32.91	48	P	P	11 06 33.5 +1.9
SPU	Mount Spurr	32.98	48	P	P	11 06 34.1 +1.8
OHAK	Old Harbor	33.03	56	P	P	11 06 33.7 +1.0
SKT	Skwentna	33.14	47	P	Iamb	11 06 34.7 +1.1
SKT	comp-Z, 6.0nm, 1.3s					11 06 36.8
SKT	Skwentna	33.14	47	P	P	11 06 34.6 +1.1
BPBW	Bear Paw Mtn.	33.20	43	P	Iamb	11 06 35.2 +1.1
BPBW	comp-Z, 3.37nm, 0.8s					11 06 36.1
BPBW	Bear Paw Mtn.	33.20	43	P	P	11 06 35.1 +1.0
MLY	Manley	33.26	41	P	P	11 06 35.4 +0.8
MLY	Manley	33.26	41	P	P	11 06 35.5 +0.9
KDAK	Kodiak Island	33.28	55	P	P	11 06 35.1 +0.3
KDAK	comp-Z, 1.3nm, 0.5s, baz=267, slow=2.3, SNR=45					11 06 34.7 -0.1
KDAK	Kodiak Island	33.28	55	P	P	11 06 34.7 -0.1
KDAK	comp-Z, 3.37nm, 1.2s					11 06 36.4
KDAK	Kodiak Island	33.28	55	P	Iamb	11 06 34.7 -0.1
KDAK	comp-Z, 3.37nm, 1.1s					11 06 36.4
KDAK	Kodiak Island	33.28	55	P	P	11 06 35.6 +0.8
KDAK	Kodiak Island	33.28	55	P	P	11 06 35.6 +0.5
TRF	Thorofore Moun	33.56	44	P	P	11 06 38.4 +1.1
SUA	Susitna One	33.57	48	P	P	11 06 38.2 +0.8
CNPM	China Poot	33.64	51	P	P	11 06 38.7 +0.9
CUT	Chuitina	33.68	46	P	P	11 06 38.8 +0.8
CUT	Chuitina	33.68	46	P	P	11 06 38.9 +0.8
TOLK	Toolik Lake R	33.71	35	P	P	11 06 38.8 +0.4
TOLK	Toolik Lake R	33.71	35	P	P	11 06 38.7 +0.2
H23K	Yukon River	33.73	40	P	P	11 06 39.9 +1.4
H23K	Yukon River	33.73	40	P	P	11 06 39.7 +1.1
BRLK	Bradley Lake	33.77	51	P	Iamb	11 06 39.6 +0.6
BRLK	comp-Z, 4.8nm, 1.0s					11 06 40.2
M22K	Willow	33.83	47	P	P	11 06 39.2 -0.2
I23K	Minto, Yukon-K	33.84	41	P	P	11 06 40.5 +1.1
BRSE	Bradley Lake S	33.84	51	P	P	11 06 39.7 0.0
BWN	Browne	33.86	43	P	P	11 06 41.6 +1.9
NEA2	Nenana	34.00	42	Iamb	Iamb	11 06 41.6 +0.7
NEA2	comp-Z, 5.5nm, 0.8s					11 06 42.6
NEA2	Nenana	34.00	42	P	P	11 06 41.5 +0.7
RC01	Rabbit Creek A	34.11	48	P	P	11 06 42.4 +0.6
MCK	McKinley	34.13	44	P	P	11 06 42.9 +0.9
MCK	comp-Z, 5.7nm, 0.7s					11 06 42.9 +0.9
MCK	McKinley	34.13	44	P	P	11 06 42.6 +0.6
RND	Reindeer	34.20	44	P	P	11 06 43.1 +0.4
RND	comp-Z, 5.8nm, 0.9s					11 06 43.9
RND	Reindeer	34.20	44	P	P	11 06 43.1 +0.4
O22K	Cooper Landing	34.22	49	P	P	11 06 43.0 +0.3
PMR	Palmer	34.32	47	P	P	11 06 44.0 +0.5
PMR	comp-Z, 2.0nm, 0.7s					11 06 45.9
PMR	Palmer	34.32	47	P	Iamb	11 06 44.0 +0.5
PMR	Palmer	34.32	47	P	P	11 06 44.0 +0.5
MDM	Murphy Dome	34.33	41	P	Iamb	11 06 43.5 -0.1
MDM	comp-Z, 2.9nm, 0.8s					11 06 48.0
H24K	Noodor Dome	34.41	40	P	Iamb	11 06 45.5 +1.1
H24K	comp-Z, 3.5nm, 0.8s					11 06 48.0
H24K	Noodor Dome	34.41	40	P	P	11 06 45.4 +1.1
SEW	Seward	34.42	50	P	Iamb	11 06 44.8 +0.4
SEW	comp-Z, 4.4nm, 0.7s					11 06 45.7
SEW	Seward	34.42	50	P	P	11 06 44.8 +0.4
WRH	Wood River Hill	34.43	42	P	P	11 06 45.2 +0.8
TCOL	CIGO, UAF, Yank	34.49	41	P	P	11 06 46.0 +1.1
COLA	College	34.50	41	P	P	11 06 46.1 +1.1
COLA	comp-Z, 7.9nm, 0.9s					11 06 46.1 +1.1
COLA	Clear Creek Bu	34.54	42	P	Iamb	11 06 46.1 +0.7
COLA	comp-Z, 2.8nm, 0.9s					11 06 48.6
POKR	Poker Flat Res	34.65	41	P	P	11 06 47.3 +0.9
SML	Sawmill	34.66	47	P	P	11 06 47.7 +1.1
SML	Sawmill	34.66	47	P	P	11 06 47.6 +1.1
KNK	Knik Glacier	34.66	48	P	P	11 06 47.4 +0.9
PWL	Port Wells	34.82	49	P	P	11 06 48.2 +0.3
IL31	Il31	34.92	42	P	Iamb	11 06 48.2 -0.3
ILAR	Eielson Array	34.92	42	P	P	11 06 48.8 +0.2
ILAR	comp-Z, 0.3nm, 0.8s, baz=293, slow=9.7, SNR=1.7					11 11 46.9 -1.5
ILAR	Eielson Array	34.92	42	P	ScP	11 12 14.7 0.0
ILAR	Eielson Array	34.92	42	P	P	11 06 48.5 -0.1
ILAR	Eielson Array	34.92	42	P	S	11 11 46.9 -1.5
HDA	Harding Lake	34.93	42	P	Iamb	11 06 48.8 +0.1
HDA	comp-Z, 4.5nm, 1.2s					11 06 51.0
NR1K	Noril'sk	34.94	326	P	P	11 06 48.7 0.0
NR1K	comp-Z, 7.4nm, 0.4s, baz=94, slow=9.1, SNR=19					11 06 48.0 -0.7
NR1K	Noril'sk	34.94	326	P	ScP	11 12 13.5 -1.1
NR1K	Noril'sk	34.94	326	P	P	11 06 48.0 -0.7
NR1K	Noril'sk	34.94	326	P	P	11 06 48.2 -0.4
SCM	Sheep Creek Mo	35.13	47	P	P	11 06 51.4 +0.9
PRP	Porcupine Dome	35.41	40	P	P	11 06 53.9 +1.1
PRP	Porcupine Dome	35.41	40	P	P	11 06 53.8 +0.9
GLI	Glacier Island	35.41	48	P	P	11 06 53.7 +0.9
GLI	comp-Z, 4.4nm, 0.8s					11 06 54.3

GLI	Glacier Island	35.41	48	P	P	11 06 53.0 +0.2
J25K	Salcha River	35.58	42	P	P	11 06 53.4 -0.9
BMAR	Burnt Mountain	35.61	37	P	P	11 06 55.5 +1.0
M24K	Tolsona, Glenn	35.62	46	P	P	11 06 55.9 +1.4
PAX	Paxson	35.79	45	P	P	11 06 56.3 +0.3
PAX	comp-Z, 1.7nm, 0.7s					11 06 56.3 +0.3
PAX	Paxson	35.79	45	P	P	11 06 55.9 -0.1
PAX	Paxson	35.79	45	P	P	11 06 56.3 +0.3
KLU	Klutina	35.85	47	P	P	11 06 57.6 +1.1
RIDG	Independent RI	35.94	43	P	P	11 06 57.0 -0.2
DIV	Divide	35.98	48	P	P	11 06 59.1 +1.3
HARP	HAARP	36.03	45	P	P	11 06 59.2 +1.2
EYAK	Cordova Ski Ar	36.13	49	P	Iamb	11 06 59.8 +1.0
EYAK	comp-Z, 3.6nm, 0.7s					11 07 01.1
EYAK	Cordova Ski Ar	36.13	49	P	Iamb	11 06 60.0 +1.2
SCRK	Sand Creek	36.27	43	P	Iamb	11 06 59.9 -0.2
SCRK	comp-Z, 6.2nm, 0.9s					11 07 00.9
SCRK	Sand Creek	36.27	43	P	Iamb	11 07 00.0 -0.1
DOT	Dot Lake	36.30	43	P	Iamb	11 07 00.1 -0.1
DOT	comp-Z, 4.5nm, 0.6s					11 07 01.9
LZH	Lanzhou	36.35	265	eP	sP	11 07 02.8 +1.6
LZH	LZH					11 09 02.0 -4.7
J26L	Josef Creek	36.37	42	P	P	11 07 00.1 -0.7
N25K	Chitina, Valde	36.45	47	P	Iamb	11 07 03.0 +1.5
N25K	Chitina, Valde	36.45	47	P	Iamb	11 07 03.9
N25K	Chitina, Valde	36.45	47	P	P	11 07 02.8 +1.3
BMRM	Bremner River	36.58	48	P	P	11 07 03.9 +1.2
BMRM	Bremner River	36.58	48	P	P	11 07 03.8 +1.2
RAGM	Ragged Mountai	36.69	49	P	P	11 07 05.3 +1.8
L26K	Log Cabin Wild	36.73	44	P	Iamb	11 07 05.2 +1.5
L26K	comp-Z, 3.5nm, 1.1s					11 07 06.7
L26K	Log Cabin Wild	36.73	44	P	P	11 07 04.7 +0.9
GLB	Gilghina Butte	36.85	47	P	Iamb	11 07 06.4 +1.5
GLB	GLB					11 07 10.8
KAIM	Kayak Island	36.92	49	P	P	11 07 07.1 +1.7
M26K	Nabesna, AK	37.02	45	P	P	11 07 08.2 +2.0
M26K	Nabesna, AK	37.02	45	P	P	11 07 08.1 +1.9
VRDI	Verde Repeater	37.07	47	P	Iamb	11 07 08.2 +1.4
VRDI	comp-Z, 4.4nm, 0.6s					11 07 09.2
BERG	Berg Lake	37.15	48	P	Iamb	11 07 09.3 +2.0
BERG	comp-Z, 7.6nm, 1.1s					11 07 10.8
MCARA	McCarthy VSAT	37.23	47	P	P	11 07 09.7 +1.7
CRQM	Cr Cirque	37.33	48	P	P	11 07 10.9 +1.9
EGAK	Eagle	37.34	41	Iamb	Iamb	11 07 09.1 +0.2
EGAK	comp-Z, 5.2nm, 0.8s					11 07 09.9
EGAK	Eagle	37.34	41	P	P	11 07 08.8 0.0
CRQE	Cr Cirque	37.35	48	P	P	11 07 10.7 +1.6
L27K	Beaver Creek	37.40	44	P	P	11 07 11.2 +1.9
L27K	Beaver Creek	37.40	44	P	P	11 07 11.0 +1.7
BCLAR	Beaver Creek A	37.42	44	P	P	11 07 11.2 +1.7
BCLAR	Bering Glacier	37.42	49	P	P	11 07 11.3 +1.8
TGL	Tana Glacier	37.48	48	P	Iamb	11 07 11.5 +1.4
TGL	comp-Z, 3.5nm, 0.5s					11 07 12.1
M27K	Edge Creek, AK	37.53	45	P	P	11 07 12.6 +2.0
M27K	Edge Creek, AK	37.53	45	P	P	11 07 12.6 +2.0
WAX	Waxell Ridge	37.55	48	P	P	11 07 12.7 +2.0
ISLE	Isle	37.75	48	P	P	11 07 13.7 +1.3
BVCY	Beaver Creek	37.98	45	P	P	11 07 15.9 +1.7
GRNC	Granite Creek	37.99	48	P	P	11 07 16.1 +1.6
MESA	MESA	38.05	48	P	P	11 07 16.8 +1.9
MESA	comp-Z, 2.8nm, 0.8s					11 07 16.9 +1.9
YAH	Yahntse	38.10	48	P	P	11 07 17.4 +2.0
CTG	Chitna Glacier	38.13	47	P	P	11 07 17.2 +1.7
CTGM	Chitina Glacie	38.13	47	P	P	11 07 17.6 +2.0
DAWY	Dawson	38.24	42	P	P	11 07 16.7 +0.4
DAWY	Dawson	38.24	42	P	P	11 07 16.7 +0.4
YUK3	Moose Creek	38.32	46	P	P	11 07 18.3 +1.1
LOGN	Logan Glacier	38.32	47	P	P	11 07 18.6 +1.4
I29M	Ogilvie Camp,	38.41	40	P	P	11 07 18.3 +0.7
EPYK	Eagle Plains	38.83	38	P	Iamb	11 07 21.9 +0.8
EPYK	comp-Z, 6.9nm, 0.9s					11 07 23.7
EPYK	Eagle Plains	38.83	38	P	P	11 07 21.9 +0.8
PINM	Pinnacle	38.89	48	P	P	11 07 23.0 +1.4
BCPM	Bancas Point	39.23	48	P	Iamb	11 07 24.9 +0.5
BCPM	comp-Z, 2.7nm, 0.5s					11 07 26.2
YUK4	Talbot Arm	39.28	46	P	P	11 07 26.3 +1.4
ZAAO	Zalesovo Array	39.32	302	P	P	11 07 23.9 -1.2
ZALV	Zalesovo Beam	39.32	302	P	P	11 07 24.2 -1.0
ZALV	comp-Z, 9.4nm, 0.4s, baz=60, slow=6.7, SNR=3.7					11 09 23.1 -0.6
ZALV	comp-Z, 1.9nm, 0.3s, baz=99, slow=3.3, SNR=5.8					11 12 29.8 -1.6
ZALV	Zalesovo Beam	39.32	302	P	P	11 07 24.2 -1.0
ZALV	comp-Z, 1.3nm, 0.6s, baz=34, slow=2.5, SNR=4.1					11 09 23.1
ZALV	Zalesovo Beam	39.32	302	P	P	11 07 23.1
PNL	Peninsula	39.43	49	P	P	11 07 27.3 +1.3
YUK6	Outpost Mounta	39.53	46	P	P	11 07 28.6 +1.6
INK	Inuvik	39.62	34	P	P	11 07 27.8 +0.5
INK	comp-Z, 5.8nm, 0.6s, baz=289,					

3d 11h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CO9A, NEW, NEWP, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BW06, PD31, PDAR, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like W18A, ECSD, ECSD, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GLMI, AMTX, ROTZ, SIRR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OLIL, T42A, LONY, W39A, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FPAL, Z47A, STKA, etc.

JMA 03 11:05:02.2.0.1,37.38N x 141.87E, h39km, 3km, M3.7, 2C-4D, Near east coast of eastern Honshu

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

NOU 03 11:19:34.4, 18.45S-169.00E, h125km, MLV3.9/10, Vanuatu Islands, Vanuatu Islands

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

NEIC 03 11:21:18.2.2.51.51N.0.07:173.26W.0.07, h10km, 1km, mb4.6/134, ML4.1(AEIC), Error ellipse: s-maj=12.6km

MOS 03 11:21:20.0.1, 0.51.55N.173.15W, h34km, mb4.9/38, Error ellipse: s-maj=9.1km s-min=6.0km az=88.4

AEIC 03 11:21:21.2.3.51.53N.0.08:173.28W.0.08, h41km, 5km, Error ellipse: s-maj=10.9km s-min=7.3km az=179.0

IDC 03 11:21:23.8.0.5, 51.69N.173.37W, h41km, 3km, mb4.1/28, mb1.4/30, mb1mx4.2/49, mbtmp4.4/30, ML3.9/2, MS3.5/18, I4.1.3.6/18, ms1mx3.3/39, Error ellipse: s-maj=15.8km s-min=9.8km az=165.0

ISC 03 11:21:22.0.0.5, 51.63N.0.07:173.24W.0.04, h34km, 1km, h35km, P-P, a94.4, 18.503, mb4.7/135, MS3.5/20, 35C-15D, Andreon Islands

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

3d 11h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like OHAK Old Harbor, KDAD Kodiak Island, and many others.

2015 NOV

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like PRP Porcupine Dome, CRG Porcupine Dome, and many others.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MAT Matsushiro, VLA Vladivostok, and many others.

3d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

IDC 03 11-27:05.4.3.8.3.47N-31.93W, h0km, mb3.96, mb1 4.1/6, mb1 mx3.7/51, mbmp3.9/6, MS3.6/20, Ms1 3.6/20, ms1mx3.5/34, Error ellipse: s-maj=151.2km s-min=25.7km az=17.0

ISC 03 11-27:09.0.8.4.1N-01.321W, h10km, n56, z=283/27, mb4.0/5, MS3.6/20, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

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Table with columns: YKA, NVAR, AKTO, ARU, ILAR, and station details.

NEIC 03 12:08:03.8.2.3.29.94S:0.08:177.07W:0.09, h10km, 2km, mb4.5/16, Error ellipse: s-maj=17.5km s-min=5.6km az=43.0

IDC 03 12:08:03.1.0.8.30.105:177.49W, h0km, mb4.4/7, mb1 4.5/7, mb1mx4.2/23, mbmp4.4/7, MS3.6/10, Ms1 3.5/10, ms1mx3.2/7, Error ellipse: s-maj=28.6km s-min=14.7km az=78.0

ISC 03 12:08:05.3.0.7.30.27S:0.04:177.6W:0.1, h10km, n84, z=281/96, mb4.6/15, MS3.6/9, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

IDC 03 12:41:05.3.57.23N-122.47W, h5km, ML3.6/11, 147km Wnn of Fort St. John, BC British Columbia, Canada

ISC 03 12:41:07.1.1.57.20N:0.02:122.49W:0.03, h10km, 8km, n50, z=23/37, mb1, ms3.9/4, British Columbia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

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Table with columns: VNA2, VNA3, VNA1, HO3S2, HO3S1, HO3S3, PETK, TXAR, PDAR, MKAR, ZALV, ARCES, FINES, NB2, NOA, AKASG, BRTR, GERES, TORD, and station details.

NOU 03 12:24:46.6.16.32S-167.91E, h171km, MLV3.5/4, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

IDC 03 12:41:03.6.0.6.57.30N:122.46W, h0km, mb3.7/5, mb1 3.8/12, mb1mx3.6/45, mbmp3.6/12, ML3.6/6, MS3.2/5, Ms1 3.2/5, ms1mx2.7/42, Error ellipse: s-maj=8.4km s-min=7.0km az=147.0

PGC 03 12:41:05.3.57.23N-122.47W, h5km, ML3.6/11, 147km Wnn of Fort St. John, BC British Columbia, Canada

ISC 03 12:41:07.1.1.57.20N:0.02:122.49W:0.03, h10km, 8km, n50, z=23/37, mb1, ms3.9/4, British Columbia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

3d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like ARSA Arzberg, KALN Cesky Krumlov, etc.

SKO 03 13:02:25.1, 42.54N-24.08E, h0km, Bulgaria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like VTS Vitoshka, PLS Plovdiv, etc.

JMA 03 13:28:13.3, 0.2, 37.84N, 142.54E, h34km, 3km, M3.3

ISC 03 13:28:16.1, 6.6, 37.11N, 142.62E, h0km, mb3.3, 2, mb1 3.5/3, mb1mx3/3.31, mbtrmp3.2/3, ML2.1/1, Error ellipse: s-maj=133.7km s-min=37.7km az=17.0

ISC 03 13:28:13.3-3.9, 37.90N, 0.05-142.47E, 0.08, h10km, 25km, n24, r130/29, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like JIKH Ishinomakikobe, JIO Ouri, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like H11S2 WAKE ISLAND Hy 28.67 126 T, WRA Warrumunga Arr 58.04 189 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like MKZ Mys Kozlova, SPN Mys Shipunski, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like OSSR Ossora, SMY Shemya, MA2 Magadan, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes NNC 03 14:04:54.0.5.0.36.92N.70.58E, h0km, mb3.9, mpv3.6, 4C, Error ellipse: s-maj=39.8km s-min=36.7km az=33.0.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes NEIC 03 14:05:50.8.0.6.35.836N.0.010.97.44W.0.01, h8km, 5km, Error ellipse: s-maj=1.9km s-min=0.8km az=47.0.

BGR 03 14:10:31.7-0.0.22.24Sx178.23W, h649km, 2km. BUI 03 14:11:43.4-0.0.20.09Sx178.16W, h605km, mb5.0/15, mb4.9/30.

NOU 03 14:11:44.4.20.60'S.178.49'W, h601km, mb4.8/71, Fiji Islands Region.

NEIC 03 14:11:44.3.2.2.20.55S.0.08.178.60W.0.10, h600km, 4km, mb4.8/157, Error ellipse: s-maj=12.8km s-min=11.0km az=83.0.

GCMT 03 14:11:45.3.0.5.20.48S.0.04.178.66W.0.06, h615km, 4km, MW5.3/57, Moment Tensor Solution.

ISC 03 14:11:46.5.0.5.20.58S.178.69W, h626km, 5km, mb4.1/39, mb1.4/242, mb1mx4.1/54, mbtmp5.1/42. Error ellipse: s-maj=9.2km s-min=7.0km az=164.0.

ISC 03 14:11:45.8.0.4.20.60'S.178.63'W.0.05, h625km, 4km, h626km:pp-P, n720, 0.1912772, mb4.8/165, 39C-39D, Fiji Islands region.

Main table of station data with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, NIUE Niue, AFU Afiamalu, FUNA Funafuti, etc.

2015 NOV

Main table of station data with columns: C/NB, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RABL Rabaul, CTA Charters Tower, CTAO Charters Tower, etc.

3d 14+15

Main table of station data with columns: BATI, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BATI Baunata, TINTI Ternate, SANI Sanana, etc.

3d 14h

ASAJ	Asahikawa	73.53	32	P	P	14 22 18.2 +1.7
TPUB	Ta-pu	73.53	303	P	P	14 22 16.1 -1.0
TPUB	Ta-pu	73.53	303	P	P	14 22 17.9 +0.9
SSLB	Suanglung	73.53	304	P	P	14 22 15.9 -1.1
SSLB	Suanglung	73.53	304	P	P	14 22 17.1
YHNB	Yeheng	73.67	305	P	P	14 22 17.0 -0.8
YHNB	Yeheng	73.67	305	P	P	14 22 18.8
NIKH	Nikolski High	73.75	6	P	P	14 22 15.7 -1.8
UNV	Unalaska Valle	74.87	7	P	P	14 22 22.9 -0.8
UNV	Unalaska Valle	74.87	7	P	P	14 22 23.8
UNV	Unalaska Valle	74.87	7	P	P	14 22 23.4 -0.4
AKUT	Akutua	75.25	8	P	P	14 22 24.1 -1.7
KASI	Kota Agung	75.80	269	P	P	14 22 29.7 -0.2
PET	Petrovavlovsk	75.92	346	P	P	14 22 29.0 -0.6
PET	Petrovavlovsk	75.92	346	P	P	14 22 49.2
PEA0B	Petrovavlovsk	76.22	346	P	P	14 22 31.0 -0.2
PETK	Petrovavlovsk	76.22	346	P	P	14 22 30.9 -0.3
PETK	Petrovavlovsk	76.22	346	P	P	14 22 30.6 -0.6
TJN	Tajon	76.24	318	P	P	14 22 31.2 +2.4
MDSI	Maura Dua	76.45	270	P	P	14 22 32.9 -0.5
KSR5	Korea Array	76.57	319	P	P	14 22 34.6 +1.1
SDPT	Sand Point	77.21	11	P	P	14 22 36.0 -0.5
LHSI	Lahat	77.29	271	P	P	14 22 38.1 +0.1
SNCC	San Nicolas Is	77.75	47	P	P	14 22 39.8 -1.1
KSI	Kapahiang	78.22	271	P	P	14 22 42.4 -0.7
CHGN	Chignik	78.48	11	P	P	14 22 43.2 -0.1
CHGN	Chignik	78.48	11	P	P	14 22 50.3
CHGN	Chignik	78.48	11	P	P	14 22 42.8 -0.5
PAGB	Antelope Grade	78.68	45	P	P	14 22 45.2 +0.3
USA0B	Ussuriysk Arra	78.71	326	P	P	14 22 45.5 +0.7
USA0B	Ussuriysk Arra	78.71	326	P	P	14 22 47.3
USRK	Ussuriysk Ar.	78.71	326	P	P	14 22 46.3 +1.5
USRK	Ussuriysk Ar.	78.71	326	P	P	14 22 45.5 +0.6
MASI	Maura Aman, Be	78.73	271	P	P	14 22 45.8 +0.1
HOPS	Hopland Field	78.83	41	P	P	14 22 46.4 +0.7
HOPS	Hopland Field	78.83	41	P	P	14 22 51.1
SII	Sitkinak Islan	79.58	13	P	P	14 22 49.9 +0.8
SII	Sitkinak Islan	79.58	13	P	P	14 22 50.2 +1.1
EDW2	Edwards Air Fo	79.72	47	P	P	14 22 51.7 +1.3
O02D	Mt. Diablo Mer	79.73	40	P	P	14 22 51.7 +1.2
ISA	Isabella, Lake	79.83	46	P	P	14 22 52.8 +1.7
PFO	Pinyon Flats O	80.08	49	P	P	14 22 53.4 +1.0
TPFO	Pinyon Flats	80.08	49	P	P	14 22 53.5 +1.0
MDJ	Mudanjiang	80.26	325	P	P	14 22 54.1 +1.1
MDJ	Mudanjiang	80.26	325	P	P	14 22 55.4
MDJ	Mudanjiang	80.26	325	P	P	14 22 54.8 +1.9
N02D	Trinity Center	80.27	40	P	P	14 22 54.5 +1.3
O03E	Paynes Creek	80.40	40	P	P	14 22 55.4 +1.5
M02C	Callahan	80.44	39	P	P	14 22 55.6 +1.5
CWC	Cottonwood Cre	80.53	45	P	P	14 22 56.4 +1.6
BELC	Belle Mtn. Jos	80.61	48	P	P	14 22 56.1 +0.9
YBH	Yreka Blue Hor	80.74	39	P	P	14 22 57.2 +1.6
YBH	Yreka Blue Hor	80.74	39	P	P	14 22 58.3
GSC	Goldstone, Bar	80.76	47	P	P	14 22 56.5 +0.6
TIN	Tinemaha, Big	80.78	45	P	P	14 22 56.9 +0.9
K02D	Willamette Mer	80.78	38	P	P	14 22 57.4 +1.6
GLA	Glamis	80.94	50	P	P	14 22 58.2 +1.4
JRMM	Jerantut	80.99	278	P	P	14 22 59.0 +1.6
PNTR	Pine Nut	81.05	42	P	P	14 22 58.8 +1.4
YERR	Yerington	81.22	43	P	P	14 22 59.3 +1.0
GMRC	Granite Mounta	81.27	48	P	P	14 22 59.7 +1.1
MAW	Mawson	81.27	200	P	P	14 22 58.6 +0.8
MAW	Mawson	81.27	200	P	P	14 22 58.3 +0.5
L04D	Klamath Falls	81.28	39	P	P	14 22 59.5 +1.1
M04C	Macdoel	81.28	39	P	P	14 23 00.2 +1.7
IRM	Iron Mountain	81.30	49	P	P	14 22 59.9 +1.3
GRAC	Grapevine Rang	81.31	45	P	P	14 23 00.6 +2.0
NVAR	Mina Array Bea	81.50	44	P	P	14 23 00.6 +0.8
NVAR	Mina Array Bea	81.50	44	P	P	14 23 00.6 +0.8
NVAR	Mina Array Bea	81.50	44	P	P	14 23 00.1 +0.3
I02E	Swissness, OR	81.57	37	P	P	14 23 01.0 +1.4
I03D	Drain, OR	81.59	37	P	P	14 23 00.8 +1.0
NV11	Mina Array Sit	81.60	44	P	P	14 23 01.3 +1.1
214A	Organ Pipe Nat	81.64	52	P	P	14 23 01.9 +0.5
P18K	Big Mountain,	81.86	12	P	P	14 23 03.6 +2.2
CN2	Changchun	82.02	323	P	P	14 23 02.3 +0.4
CN2	Changchun	82.02	323	P	P	14 23 04.2 +2.1
CN2	Changchun	82.02	323	P	P	14 23 29.2 +3.3
J04D	Umpqua Nationa	82.02	38	P	P	14 23 03.8 +1.6
I04A	Tendick Farm,	82.19	37	P	P	14 23 03.4 +0.6
MOD	Modoc Plateau	82.27	40	P	P	14 23 04.5 +1.0
KLR	Kul'dur	82.31	330	P	P	14 23 04.4 +1.1
K05A	Summer Lake	82.41	39	P	P	14 23 05.6 +1.4
J05D	Fort Rock, OR	82.55	38	P	P	14 23 05.7 +0.9
IPM	Ipon	82.56	278	P	P	14 23 07.0 +1.6
MNSI	Mandailing Nat	82.59	274	P	P	14 23 05.1 -0.4
P19K	Oil Pt	82.62	13	P	P	14 23 04.8 +1.0
O19K	Port Alsworth	82.91	12	P	P	14 23 05.6 -0.4
O19K	Port Alsworth	82.91	12	P	P	14 23 05.4 -0.5
HOM	Homer	82.96	13	P	P	14 23 07.3 +1.3
PINE	Pine Mountain	83.03	38	P	P	14 23 08.8 +1.5
PINE	Pine Mountain	83.03	38	P	P	14 23 09.9
I05D	Terrebonne, OR	83.13	37	P	P	14 23 07.6 0.0
BRSE	Bradley Lake S	83.24	14	P	P	14 23 07.9 +0.2
N19K	Bonanza Creek	83.44	12	P	P	14 23 08.1 -0.7
E04D	Cinebar	83.81	35	P	P	14 23 11.4 +0.6
PSI	Prapat	83.91	275	P	P	14 23 12.0 -0.3
I07A	Ize	84.03	38	P	P	14 23 13.2 +1.1
I08A	Circle Bar Ran	84.23	39	P	P	14 23 13.7 +0.7
M19K	Big River Lodg	84.47	11	P	P	14 23 13.9 +0.2

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GSI	Gunungstoli	84.64	273	P	P	14 23 15.5 -0.2
GSI	Gunungstoli	84.64	273	P	P	14 23 17.6 +1.9
GSI	Gunungstoli	84.64	273	P	P	14 23 18.0 +2.3
L19K	White Mountain	84.65	11	P	P	14 23 15.0 +0.4
L19K	White Mountain	84.65	11	P	P	14 23 16.1
L19K	White Mountain	84.65	11	P	P	14 23 14.6 0.0
RC01	Rabbit Creek A	84.67	14	P	P	14 23 14.5 -0.1
PWL	Port Wells	84.78	14	P	P	14 23 14.5 -0.7
SUA	Susitna One	84.79	13	P	P	14 23 15.3 0.0
G08A	Pilot Rock	85.06	38	P	P	14 23 17.3 +0.2
SKT	Skwentna	85.09	12	P	P	14 23 16.2 -0.5
A04D	Lummi Island	85.09	33	P	P	14 23 18.4 +1.5
GLI	Glacier Island	85.09	15	P	P	14 23 16.2 -0.5
L20K	Farewell, AK	85.10	11	P	P	14 23 15.8 -1.0
B05A	Bryant	85.13	34	P	P	14 23 17.8 +0.6
TTA	Tatalina	85.14	10	P	P	14 23 17.2 +0.2
TTA	Tatalina	85.14	10	P	P	14 23 18.6
TTA	Tatalina	85.14	10	P	P	14 23 17.4 +0.4
M22K	Willow	85.18	13	P	P	14 23 16.4 -0.6
KNK	Knik Glacier	85.25	14	P	P	14 23 16.9 -0.5
PMR	Palmer	85.25	14	P	P	14 23 16.7 -0.7
HAWA	Hanford	85.38	37	P	P	14 23 19.2 +0.8
HAWA	Hanford	85.38	37	P	P	14 23 20.8
ENH	Enshi	85.61	304	P	P	14 23 20.0 +0.1
SML	Sawmill	85.62	14	P	P	14 23 18.0 -1.3
DIV	Divide	85.64	15	P	P	14 23 19.3 -0.1
DIV	Divide	85.64	15	P	P	14 23 21.0
E08A	Dider Farm, El	85.70	37	P	P	14 23 21.1 +1.2
CUT	Chulitna	85.73	13	P	P	14 23 19.4 -0.3
CUT	Chulitna	85.73	13	P	P	14 23 18.9 -0.8
BMO	Blue Mountains	85.76	39	P	P	14 23 21.1 +0.7
BMRM	Bremner River	85.79	16	P	P	14 23 19.4 -0.7
MFID	Camas Ranch	85.84	41	P	P	14 23 21.9 +1.1
K20K	Telida	85.87	11	P	P	14 23 20.4 0.0
K20K	Telida	85.87	11	P	P	14 23 21.5
K20K	Telida	85.87	11	P	P	14 23 20.1 -0.3
SCM	Sheep Creek Mo	85.87	14	P	P	14 23 20.7 +0.2
SCM	Sheep Creek Mo	85.87	14	P	P	14 23 20.4 -0.1
KLU	Klutina	85.91	15	P	P	14 23 20.9 +0.2
CRQE	Cirque	86.00	17	P	P	14 23 20.3 -0.9
DUG	Dugway, Tooele	86.04	44	P	P	14 23 23.5 +1.6
WRAK	Wrangell Islan	86.05	24	P	P	14 23 21.2 -0.1
D08A	Wollman Farm,	86.11	36	P	P	14 23 23.1 +1.2
D08A	Wollman Farm,	86.11	36	P	P	14 23 24.1
E09A	Wood Farm, Sta	86.23	37	P	P	14 23 23.2 +0.8
E09A	Wood Farm, Sta	86.23	37	P	P	14 23 24.4
PINM	Pinnacle	86.26	18	P	P	14 23 22.6 +0.3
CAST	Castle Rocks	86.29	12	P	P	14 23 21.0 -1.4
CAST	Castle Rocks	86.29	12	P	P	14 23 22.1
CAST	Castle Rocks	86.29	12	P	P	14 23 20.8 -1.6
N25K	Chitina, Valde	86.34	16	P	P	14 23 22.6 -0.1
N25K	Chitina, Valde	86.34	16	P	P	14 23 24.8
N25K	Chitina, Valde	86.34	16	P	P	14 23 22.1 -0.6
SEY	Seymchan	86.34	347	P	P	14 23 22.9 +0.3
M24K	Tolson, Glenn	86.38	15	P	P	14 23 22.1 -0.6
F10A	Beach Ranch, E	86.44	38	P	P	14 23 24.1 +0.5
F10A	Beach Ranch, E	86.44	38	P	P	14 23 25.3
MCARA	McCarthy VSAT	86.55	16	P	P	14 23 24.1 +0.5
MCARA	McCarthy VSAT	86.55	16	P	P	14 23 25.2
MCARA	McCarthy VSAT	86.55	16	P	P	14 23 23.4 -0.2
J20K	Novinta River	86.62	10	P	P	14 23 24.0 +0.1
J20K	Novinta River	86.62	10	P	P	14 23 23.5 -0.3
KTH	Kantishna Hill	86.64	12	P	P	14 23 22.8 -1.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Dawson, Chiang Mai, Eagle, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TIRR, VRI, PLO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Dourbes, Moldovita, WLF, etc.

ADC 03 14:14:06.8t.1.7, 62.24N, 151.13W, h58km, 18km, mb3.6/8, m1 2.8/1, m1mx3.4/62, mbmp3.9/10, ML3.6/3, MS2.8/1, m1=1.0, km, 32=112.0, Error ellipse: s-maj=23.3km, ANF 03 14:14:09.4t.0.1, 62.22N, 150.89W, h77km, 2km, ML4.1/63, Error ellipse: s-maj=1.5km s-min=1.2km az=49.0, NEIC 03 14:14:09.4t.1.6, 62.23N, 0.03, 150.91W, 0.04, h80km, 5km, Error ellipse: s-maj=4.5km s-min=2.5km az=183.0, AEIC 03 14:14:10.1t.1.6, 62.23N, 0.03, 150.89W, 0.05, h74km, 5km, ML3.6, mb4.4/6(NEIC), ML3.8/166(NEIC), Error ellipse: s-maj=4.4km s-min=3.0km az=185.0, ISC 03 14:14:09.2t.0.6, 62.22N, 0.02, 150.89W, 0.03, h83km, 5km, n289, 0s69/293, mb4.0/11, Central Alaska

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CUT, SKT, M22K, etc.

3d 14h

GHO	Glory Hole Cre	1.03 115	Pn	14 14 29.1 +0.3
GHO	Glory Hole Ore	1.03 115	IAML	14 14 44.2 +0.6
GHO	Glory Hole Ore	1.03 115	IAML	14 14 46.4
PMR	Palmer	1.05 126	Pn	14 14 28.9 0.0
PMR	Palmer	1.05 126	P	14 14 28.7 -0.3
PMR	Spurr Capps GI	1.08 210	S	14 14 43.6 -0.1
SPCG	Spurr Capps GI	1.08 210	Pn	14 14 29.5 0.0
SPCG	Fire Island	1.13 163	Sn	14 14 45.0 +0.4
FIS	Fire Island	1.13 163	IAML	14 14 31.3 +1.4
FIS	Fire Island	1.13 163	IAML	14 14 49.5
CRP	Crater Peak Br	1.13 213	Pn	14 14 30.5 +0.4
SPCP	Crater Peak Br	1.13 213	Pn	14 14 30.4 +0.2
SPCP	Chakachata No	1.18 212	Pn	14 14 31.1 +0.5
SPU	Mount Spurr	1.18 208	Pn	14 14 30.7 +0.1
SPBG	Spurr Blockage	1.20 217	Pn	14 14 31.3 +0.5
SPBG	Barrier Glacie	1.20 217	Pn	14 14 48.2 +1.1
BGL	Spurr Chakacha	1.20 212	Pn	14 14 31.4 +0.5
SPCR	Spurr Chakacha	1.20 212	P	14 14 31.2 +0.3
SPCR	Spurr Chakacha	1.20 212	P	14 14 31.1 +0.1
SPCR	Thorofore Moun	1.26 12	Pn	14 14 47.2 0.0
TRF	Thorofore Moun	1.26 12	IAML	14 14 32.0 +0.3
TRF	Thorofore Moun	1.26 12	IAML	14 14 50.7
TRF	Thorofore Moun	1.26 12	P	14 14 51.1
TRF	Thorofore Moun	1.26 12	P	14 14 32.1 +0.3
TRF	Thorofore Moun	1.26 12	S	14 14 48.8 +0.1
RC01	Rabbit Creek A	1.27 154	Pn	14 14 31.5 -0.1
RC01	Rabbit Creek A	1.27 154	IAML	14 14 52.5
RC01	Rabbit Creek A	1.27 154	P	14 14 31.4 -0.2
RC01	Rabbit Creek A	1.27 154	S	14 14 48.1 -0.3
SML	Sawmill	1.28 108	Pn	14 14 32.0 +0.2
SML	Sawmill	1.28 108	IAML	14 14 50.0 +1.2
SML	Sawmill	1.28 108	IAML	14 14 53.0
SML	Sawmill	1.28 108	IAML	14 14 59.1
SML	Sawmill	1.28 108	P	14 14 32.1 +0.2
SML	Sawmill	1.28 108	S	14 14 49.2 +0.4
CAST	Castle Rocks	1.32 336	Pn	14 14 32.4 0.0
CAST	Castle Rocks	1.32 336	P	14 14 32.3 0.0
CAST	Castle Rocks	1.32 336	S	14 14 48.6 -1.1
KTH	Kantishna Hill	1.33 359	Pn	14 14 33.0 +0.5
KTH	Kantishna Hill	1.33 359	IAML	14 14 51.1
KTH	Kantishna Hill	1.33 359	IAML	14 14 51.1
KNK	Knik Glacier	1.41 124	Pn	14 14 33.7 +0.2
KNK	Knik Glacier	1.41 124	IAML	14 14 55.6
KNK	Knik Glacier	1.41 124	IAML	14 14 59.4
KNK	Knik Glacier	1.41 124	P	14 14 33.7 +0.2
KNK	Knik Glacier	1.41 124	S	14 14 51.7 -0.1
L20K	Farewell, AK	1.42 282	Pn	14 14 33.7 +0.1
L20K	Farewell, AK	1.42 282	P	14 14 51.5 -0.5
L20K	Farewell, AK	1.42 282	P	14 14 33.6 0.0
L20K	Farewell, AK	1.42 282	S	14 14 51.5 -0.5
CAPN	Captain Cook N	1.47 185	Pn	14 14 36.5 +2.3
PND	Reindeer	1.51 37	Pn	14 14 37.0 +0.1
M19K	Big River Lodg	1.68 261	Pn	14 14 37.1 +0.2
M19K	Big River Lodg	1.68 261	Sn	14 14 57.6 -0.3
M19K	Big River Lodg	1.68 261	IAML	14 14 58.2
SCM	Sheep Creek Mo	1.73 102	Pn	14 14 37.6 0.0
SCM	Sheep Creek Mo	1.73 102	IAML	14 15 03.8
SCM	Sheep Creek Mo	1.73 102	P	14 14 37.6 0.0
SCM	Sheep Creek Mo	1.73 102	S	14 14 59.5 +0.4
SLKM	Skilak Lake	1.75 169	Pn	14 14 38.5 +0.6
SLKM	Skilak Lake	1.75 169	Sn	14 14 59.4 -0.3
MCK	McKinley	1.76 30	Pn	14 14 38.2 +0.3
MCK	McKinley	1.76 30	IAML	14 15 02.3
MCK	McKinley	1.76 30	P	14 14 38.3 +0.3
MCK	McKinley	1.76 30	S	14 14 59.3 -0.6
CHUM	Lake Minchumin	1.79 339	Pn	14 14 38.7 +0.4
CHUM	Lake Minchumin	1.79 339	P	14 14 38.7 +0.4
CHUM	Lake Minchumin	1.79 339	S	14 14 59.8 -0.6
O22K	Cooper Landing	1.84 162	Pn	14 14 39.1 +0.2
O22K	Cooper Landing	1.84 162	Pn	14 15 00.8 -0.7
O22K	Cooper Landing	1.84 162	P	14 14 38.9 -0.1
O22K	Cooper Landing	1.84 162	S	14 15 00.3 -1.3
PWL	Port Wells	1.84 137	Pn	14 14 38.5 -0.5
PWL	Port Wells	1.84 137	P	14 14 38.5 -0.5
PWL	Port Wells	1.84 137	S	14 15 00.9 -0.7
DFR	Drift River	1.85 209	Pn	14 14 39.5 +0.2
K20K	Telida	1.85 309	Pn	14 14 39.4 +0.2
K20K	Telida	1.85 309	P	14 14 39.3 +0.2
K20K	Telida	1.85 309	S	14 15 00.8 -1.1
L19K	White Mountain	1.86 270	Pn	14 14 39.5 +0.3
L19K	White Mountain	1.86 270	IAML	14 15 02.9
L19K	White Mountain	1.86 270	IAML	14 15 03.6
L19K	White Mountain	1.86 270	P	14 14 39.6 +0.3
L19K	White Mountain	1.86 270	S	14 15 01.7 -0.4
BPAW	Bear Paw Mtn.	1.88 359	Pn	14 14 39.5 -0.1
BPAW	Bear Paw Mtn.	1.88 359	IAML	14 15 01.2 -1.6
BPAW	Bear Paw Mtn.	1.88 359	IAML	14 15 03.1
BPAW	Bear Paw Mtn.	1.88 359	P	14 14 39.6 0.0
BPAW	Bear Paw Mtn.	1.88 359	S	14 15 01.0 -1.7
NCT	North Crescent	1.94 211	Pn	14 14 40.8 +0.4
RDWB	Redoubt West	1.98 209	Pn	14 14 41.4 +0.4
RDWB	Redoubt West	1.98 209	Pn	14 15 05.9 +0.8
RSO	Redoubt South	2.02 207	Pn	14 14 41.2 +0.1
RED	Redoubt Volcan	2.02 207	Pn	14 14 41.8 +0.3
BWN	Brown	2.06 18	Pn	14 14 42.5 +0.6
BWN	Brown	2.06 18	IAML	14 15 28.0
BWN	Brown	2.06 18	IAML	14 15 30.7
M24K	Tolsona, Glenn	2.22 91	Pn	14 14 44.6 +0.6
M24K	Tolsona, Glenn	2.22 91	Sn	14 15 09.5 -1.2
M24K	Tolsona, Glenn	2.22 91	P	14 14 44.7 +0.6
M24K	Tolsona, Glenn	2.22 91	S	14 15 10.0 -0.7
N19K	Bonanza Creek	2.23 232	Pn	14 14 44.5 +0.3
N19K	Bonanza Creek	2.23 232	IAML	14 15 15.5
N19K	Bonanza Creek	2.23 232	P	14 14 44.6 +0.3
SEW	Seward	2.24 161	Pn	14 14 43.9 -0.4
SEW	Seward	2.24 161	S	14 15 08.6 -2.4

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GLI	Glacier Island	2.26 125	Pn	14 14 44.0 -0.7
GLI	Glacier Island	2.26 125	IAML	14 15 11.1 -0.7
GLI	Glacier Island	2.26 125	P	14 15 12.2
GLI	Glacier Island	2.26 125	P	14 14 43.9 -0.7
GLI	Glacier Island	2.26 125	S	14 15 11.1 -0.7
O20K	Slope Mountain	2.31 202	Pn	14 14 45.6 +0.3
O20K	Slope Mountain	2.31 202	P	14 14 45.4 +0.1
JPK	Jack Peak	2.36 118	Pn	14 14 46.1 +0.1
IVE	Iliamna Volcan	2.44 206	Pn	14 14 47.0 -0.1
VMT	TAPS TI Valdez	2.44 116	Pn	14 14 46.7 -0.3
J20K	Novitsa River	2.45 324	Pn	14 14 47.3 +0.2
J20K	Novitsa River	2.45 324	IAML	14 15 17.4
J20K	Novitsa River	2.45 324	IAML	14 15 17.4
J20K	Novitsa River	2.45 324	P	14 14 47.3 +0.2
KLU	Klutina	2.47 105	Pn	14 14 46.9 -0.6
KLU	Klutina	2.47 105	Sn	14 15 15.9 -0.8
KLU	Klutina	2.47 105	IAML	14 15 30.4
KLU	Klutina	2.47 105	P	14 14 46.9 -0.6
BRLK	Bradley Lake	2.47 180	Pn	14 14 47.6 +0.2
BRLK	Bradley Lake	2.47 180	IAML	14 15 27.0
TTA	Tatalina	2.47 289	Pn	14 14 47.5 0.0
TTA	Tatalina	2.47 289	Sn	14 15 15.4 -1.4
TTA	Tatalina	2.47 289	IAML	14 15 18.1
TTA	Tatalina	2.47 289	P	14 14 47.5 0.0
BRSE	Sparrevoeh	2.51 245	Pn	14 14 48.6 +0.9
BRSE	Sparrevoeh	2.51 245	Sn	14 15 16.3 -1.0
SVW2	Sparrevoeh	2.51 245	IAML	14 14 48.1 +0.2
SVW2	Sparrevoeh	2.51 245	IAML	14 15 18.8
ILS	Iliamna Low So	2.51 206	Pn	14 14 48.5 +0.4
NEA2	Nenana	2.52 18	Pn	14 14 47.7 -0.3
NEA2	Nenana	2.52 18	P	14 14 47.8 -0.3
PS11	TAPS Pump 511	2.55 91	Pn	14 14 48.5 +0.1
PS11	TAPS Pump 511	2.55 91	Sn	14 15 19.8 +1.2
FID	Port Fidalgo	2.58 123	Pn	14 14 47.9 -1.0
FID	Port Fidalgo	2.58 123	IAML	14 15 20.2
WRH	Wood River Hill	2.59 28	Pn	14 14 49.0 +0.1
HOM	Homer	2.60 188	Pn	14 14 49.5 +0.4
PAX	Paxson	2.62 71	Pn	14 14 50.1 +0.6
PAX	Paxson	2.62 71	Sn	14 15 21.4 +1.0
PAX	Paxson	2.62 71	P	14 14 50.1 +0.6
O19K	Port Alsworth	2.62 221	Pn	14 14 49.9 +0.4
O19K	Port Alsworth	2.62 221	IAML	14 15 39.2
O19K	Port Alsworth	2.62 221	P	14 14 49.8 +0.4
DIV	Divide	2.68 112	Pn	14 14 49.5 -0.8
HARP	HAARP	2.68 84	Pn	14 14 51.1 +0.8
HARP	HAARP	2.68 84	P	14 14 51.1 +0.8
CNPM	China Pool	2.71 184	Pn	14 14 52.2 +1.5
CNPM	China Pool	2.71 184	IAML	14 15 33.7
CNPM	China Pool	2.71 184	IAML	14 15 33.7
CCB	Clear Creek Bu	2.80 28	Pn	14 14 51.8 0.0
HIN	Hinchinbrook I	2.80 129	Pn	14 14 51.2 -0.6
HIN	Hinchinbrook I	2.80 129	IAML	14 15 25.9
HIN	Hinchinbrook I	2.80 129	IAML	14 15 35.1
MLY	Manley	2.82 1	Pn	14 14 52.1 -0.1
MLY	Manley	2.82 1	P	14 14 52.0 -0.1
P19K	Oil Pt	2.82 205	Pn	14 14 52.4 +0.2
P19K	Oil Pt	2.82 205	IAML	14 16 04.2
P19K	Oil Pt	2.82 205	IAML	14 16 06.2
HDA	Harding Lake	2.83 37	Pn	14 14 52.4 +0.2
HDA	Harding Lake	2.83 37	IAML	14 15 26.2
HDA	Harding Lake	2.83 37	IAML	14 15 31.0
HDA	Harding Lake	2.83 37	P	14 14 52.4 +0.2
PS12	TAPS Pump 512	2.83 103	Pn	14 14 51.8 -0.5
PS08	TAPS Pump 508	2.96 36	Pn	14 14 54.2 +0.2
TCOL	CIGO, UAF Yank	2.99 26	Pn	14 14 54.5 +0.2
TCOL	CIGO, UAF Yank	2.99 26	P	14 14 54.5 +0.2
COLA	College	2.99 26	Pn	14 14 54.5 +0.2
COLA	College	2.99 26	P	14 14 54.5 +0.2
EYAK	Cordova Ski Ar	2.99 122	Pn	14 14 53.5 -0.8
EYAK	Cordova Ski Ar	2.99 122	P	14 14 53.6 -0.8
MDM	Murphy Dome	2.99 22	Pn	14 14 54.6 +0.2
I21K	Tanana	3.01 351	Pn	14 14 54.7 +0.1
I21K	Tanana	3.01 351	IAML	14 15 30.5
I21K	Tanana	3.01 351	P	14 14 54.7 +0.1
I23K	Minto, Yukon-K	3.01 12	Pn	14 14 54.7 0.0
I23K	Minto, Yukon-K	3.01 12	P	14 14 54.8 +0.1
N25K	China, Valde	3.04 99	Pn	14 14 54.9 -0.3
N25K	China, Valde	3.04 99	IAML	14 15 33.5
N25K	China, Valde	3.04 99	IAML	14 15 49.8
N25K	China, Valde	3.04 99	P	14 14 54.9 -0.3
IL31	Eielson Aray	3.12 33	Pn	14 14 56.2 +0.1
ILAR	Eielson Aray	3.12 33	P	14 14 56.0 -0.2
ILAR	Eielson Aray	3.12 33	P	14 14 56.2 +0.1
ILAR	Eielson Aray	3.12 33	P	14 14 56.2 +0.1
RIDG	Independent Ri	3.15 58	Pn	14 14 58.0 +1.3
RIDG	Independent Ri	3.15 58	P	14 14 57.9 +1.3
BMRM	Bremner River	3.26 110	Pn	14 14 57.0 -1.1
BMRM	Bremner River	3.26 110	IAML	14 15 53.4
BMRM	Bremner River	3.26 110	IAML	14 15 55.2
BMRM	Bremner River	3.26 110	P	14 14 57.1 -1.1
POKR	Poker Plat Res	3.29 26	Pn	14 14 58.7 +0.3
POKR	Poker Plat Res	3.29 26	P	14 14 58.8 +0.3
MENT	Mentasta	3.40 75	Pn	14 14 59.7 -0.2
DOT	Dot Lake	3.43 62	Pn	14 15 00.7 +0.3
GLB	Gilahina Butte	3.45 100	Pn	14 15 00.5 -0.2
GLB	Gilahina Butte	3.45 100	IAML	14 15 42.1
GLB	Gilahina Butte	3.45 100	IAML	14 15 52.8
J25K	Salcha River	3.45 44	Pn	14 15 00.7 0.0
J25K	Salcha River	3.45 44	P	14 15 00.8 +0.1
P18K	Big Mountain,	3.55 219	Pn	14 15 02.6 +0.6
P18K	Big Mountain,	3.55 219	P	14 15 02.2 +0.2
H21K	Melozitna Rive	3.55 347	Pn	14 15 02.0 +0.1
H21K	Melozitna Rive	3.55 347	P	14 15 02.1 +0.1
Q19K	Cape Douglas,	3.57 204	Pn	14 15 04.0 +1.6
L26K	Log Cabin Wild	3.58 74	Pn	14 15 02.8 +0.4
L26K	Log Cabin Wild	3.58 74	P	14 15 02.9 +0.6
Q23K	Middleton Isla	3.58 140	Pn	14 15 02.6 +0.3
Q23K	Middleton Isla	3.58 140	IAML	14 16 11.3
Q23K	Middleton Isla	3.58 140	IAML	14 17 23.0
Q2				

3Jd 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Hachiojima 2, Mitsune, Gyogyoiboldo, Chichijima, etc.

MEX 03 15:57:30.4:1.1, 16:56N-94:82W, h98km=11km, MD3.2, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Matias Romero, Huatulco, etc.

MEX 03 15:57:33.0:0.6, 15:03N-93:52W, h27km=57km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG, THIG, TGIG, CCIG, COIG, etc.

NEIC 03 15:59:46.0:0.9, 4:45S:01:153:1E:0.1, h98km=7km, mb4.5/7, Error ellipse: s-maj=20.4km s-min=11.2km az=54.0

IDC 03 15:59:48.3:8.7, 4:60S:153:17E, h131km=60km, mb3.5/4, mb1 3.9/9, mb1mx3.2/42, mbtrmp3.9/5, MS2.8/1, M1 2.8/1, ms1mx2.3/24, Error ellipse: s-maj=89.4km s-min=38.9km az=105.0

ISC 03 15:59:45.1:1.1, 4:45S:01:153:2E:0.2, h100km, n17, 0:594/17, mb4.2/9, New Ireland region

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

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

NEIC 03 16:09:26.4:2.6, 14:58S:0:08:167:50E:0.0, h126km=6km, mb4.2/19, Error ellipse: s-maj=16.5km s-min=6.6km az=131.0

IDC 03 16:09:27.8:3.1, 14:59S:167:28E, h132km=26km, mb3.8/7, mb1 3.9/9, mb1mx3.5/35, mbtrmp4.2/9, Error ellipse: s-maj=27.0km s-min=21.0km az=92.0

NOU 03 16:09:29.4:1.7, 14:75S:167:26E, h111km, mb4.0/12, Vanuatu Islands

ISC 03 16:09:28.0:0.9, 14:60S:0:08:167:4E:0.1, h150km, n47, 0:159/46, mb4.1/13, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, SANVU Devils Point, LIFNC LIFOU, etc.

NNC 03 16:13:23.8:12.0, 36:92N:71:04E, h0km, mb4.0, mpv3.6, 3C-3D, Error ellipse: s-maj=119.8km s-min=75.4km az=147.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, AAK AArch, etc.

IDC 03 16:18:23.1:999.0, 29:18N:100:14E, h0km, Error ellipse: s-maj=890.6km s-min=263.6km az=81.0, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IS0JP ISUMI INFRASTRON, I39PW PALAU INFRASTRON, etc.

IDC 03 16:18:53.8:1.8, 7:69S:127:59E, h0km, mb3.6/1, mb1 3.5/4, mb1mx3.3/24, mbtrmp3.4/4, ML3.3/3, Error ellipse: s-maj=81.0km s-min=30.2km az=75.0

DJA 03 16:19:04.0:8.0, 7:7S:127:9E, h237km=26km, M4.2/5, mb3.9/4, mb4.4/1, MLV4.3/5, Mw(mb)3.6/1

ISC 03 16:19:05.9:0.9, 7:69S:129:0E:0.1, h131km, n8, 0:230/11, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BNDI Bandanaira, SOEI Soe, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FAKI Fak Fak, BATI Bautama, SIJJI Siyogi, etc.

NEIC 03 16:22:48.0:1.0, 36:75N:0:01:98:02W:0.02, h11km=3km, Error ellipse: s-maj=2.9km s-min=0.7km az=52.0

TUL 03 16:22:47.6:1.5, 36:77N:0:01:98:08W:0.03, h6km=5km, ML3.2, mb, Lq2.8/52(NEIC), Error ellipse: s-maj=3.0km s-min=1.7km az=89.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like U32A Winter Ranch, T35A Sooner Cattle, etc.

ANF 03 16:32:03.5:0.3, 35:87N:97:21W, h0km, ML3.2/8, Error ellipse: s-maj=4.0km s-min=2.5km az=152.0

TUL 03 16:32:03.5:1.1, 35:91N:0:02:97:24W:0.02, h7km=7km, ML3.3, mb, Lq2.8/52(NEIC), Error ellipse: s-maj=2.9km s-min=1.6km az=131.0

NEIC 03 16:32:03.6:0.9, 35:94N:0:02:97:26W:0.02, h7km=5km, Error ellipse: s-maj=2.7km s-min=1.8km az=133.0

ISC 03 16:32:02.8:1.3, 35:96N:0:03:97:25W:0.03, h11km=14km, n62, 0:567/52, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OK005 Luther M Schoo, OKCFA Oklahoma City, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HATO, DR12, BAUV, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PDRB, S57A, P60A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like R40A, PS6CX, PB11, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EDM, TIC, LIC, DBIC, NBIC, NEW, KIC, PLCA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like OSSC, SRTA, KONO, CTI, TEOL, WTTA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KTK1, CRVS, HAMF, SIRR, BZS, etc.

MOS QZ 17:43:19.61, 1.2, 44°89N-41°50E, h10km, mb4.7/11, Error ellipse: s-maj=4.4km s-min=3.0km az=127.6
MOS Felt (V) at Stavropol', Nevinnomyssk, Uspenskaya, Melanino, (III) at Armavir, Kazinka, Vodorzdel, Kursavka, Gofitskoye, Cherkessk, Novokubansk, (II-III) at Uchkeken, Kislovodsk, Essentuki, Lermontov, Pyatigorsk, Geleznovodsk, Labinsk, Gul'kevichi, Otradnaya, (II) at Karachaevsk, Mostovskoy.

Table with columns: GOF, comp=N, S, J, m, 1, s, smax, smax, and various athlete names and scores.

Table with columns: BKRG, Bakuriani, 3.38 154, P, Pn, 17 44 15.3 +2.1, and various athlete names and scores.

Table with columns: VORR, comp=Z, 250nm, 0.8s, pmax, pmax, and various athlete names and scores.

3rd 18h

Table of astronomical observations for 3rd 18h, listing stations like Kirov, KIRV, PSZ, etc., with columns for station name, coordinates, and observation data.

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Main table of astronomical observations for 2015 NOV, listing stations like LVZ, AAK, AAK, etc., with columns for station name, coordinates, and observation data.

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Table of astronomical observations for 166, listing stations like OKCFA, OKCSW, T35A, etc., with columns for station name, coordinates, and observation data.

IOC 03 17:58:30.9z-2.72:89Nk:11:49W, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.4/43, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=77.6km s-min=29.0km az=67.0

Table for Mauritania, listing stations like KOWA, KOWA, MDT, etc., with columns for station name, coordinates, and observation data.

IOC 03 18:00:46.5z-1.1, 67:19N-20:73E, h0km, mb1 2.9/2, mb1mx2.8/40, mbtmp2.8/2, ML1.9/2, Error ellipse: s-maj=19.2km s-min=7.2km az=114.0

Table for Nouu, listing stations like MASU, MASU, MASU, etc., with columns for station name, coordinates, and observation data.

Table for Taiwan region, listing stations like TWB1, TWB1, TWB1, etc., with columns for station name, coordinates, and observation data.

ANF 03 17:55:08.1z-0.3, 36:33N-97:54W, h2km, 3km, ML2.9/6, Error ellipse: s-maj=2.2km s-min=1.9km az=163.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Rovaniemi, Sodankyl, Burvik, ARCES Array S, etc.

NEIC 03 18:08:10.2,2.6,20.05S:0.04:68.1W:0.1,189km,12km, mb4.1/5, Error ellipse: s-maj=14.3km s-min=5.8km az=95.0

IDC 03 18:08:10.8,0.7,20.09S:67.92W,116km,6km, mb3.6/5, mb1 3.7/9, mb1mx3.5/26, mbtmp4.0/9, Error ellipse: s-maj=16.6km s-min=8.3km az=101.0

GUC 03 18:08:13.1,0.7,20.10S:68.16W,178km,6km, ML3.8

ISC 03 18:08:10.5-0.7,20.09S:0.04:68.05W:0.06,1177km,8km, n47,r146/80,mb3.7/3,5C-6D,Chile-Bolivia border region

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including IPOC Station P, PB08, PB11, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PTGA Pitinga, TXAR Lajitas Array, URM Torodi Arr, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MTN Manton Dam, GAR Garm, CHGR Chuyangaron, etc.

IDC 03 18:28:20.1,0.3,4.3S:13.05E,110km,mb3.9/9, mb4.2/1, MLv3.7/9

ISC 03 18:28:22.3-0.8,4.14S:0.05:129.66E:0.06,h36km,n18, r284/23,mb3.7/3,Banda Sea

3d 21h

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Table with columns: LIFUNC, LIFOU, 42.62 112, P, P, 21 32 58.5 +0.6, comp=Z,46nm,1.1s, BJT, Baijiatua...

Table with columns: BJT, Baijiatua, 48.74 351, P, P, 21 33 45.6 -0.3, comp=Z,46nm,1.1s, BJT, Baijiatua...

Table with columns: KOLN, Koldanda, 53.72 313, eP, P, 21 34 23.4 -0.4, comp=Z,564nm,1.7s, THZ, Tophouse...

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include CO05 La Serena, CO05 La Serena, CO05 La Serena, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include IDC 03 21:30:55.5, IDC 03 21:30:55.0, IDC 03 21:30:55.0, etc.

3d 21h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TWGZ, AWAZ, HAZ, KUZ, ANWZ, etc.

NEIC 03 21:43:41.7-1.9, 7.95S:0.06x107.08E:0.06, h53km, 5km, mb4, 7/60, Error ellipse: s-maj=11.0km s-min=6.3km az=138.0

KLM 03 21:43:43.7, 7.96S:107.11E, h63km, mb4, 8 DJA 03 21:43:43.0, 2.8'S, 2.10'E, h56km, 3km, M4, 9/43, mb5, 4/5, mb4, 9/43, MLV4, 9/37, Mw(mb)4.8/5, MwMwps.8/1, Mwps.9/1

IDC 03 21:43:47.1, 1.2, 1.75S: 107.42E, h91km, 10km, mb4, 1/27, mb1, 4/229, mb1mx4, 7/60, mbmp4, 5/29, Error ellipse: s-maj=16.1km s-min=5.7km az=57.0

ISC 03 21:43:42.3, 0.6, 8.04S:0.04, 107.19E:0.04, h59km, 5km, n280, r1960/288, mb4.6/66, MS47.3, 13C-4D, Jawa

Main station list table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CNJI, CIBI, CISP, etc.

2015 NOV

Main station list table for 2015 NOV with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KAPI, BKSI, BSSI, etc.

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Main station list table for 176 with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSRS, KSH, KBL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MNK, ARR, BURAR, BUR08, VNA1, VNA3, FINES, ARCES, J20K, TOLK, MLY, CAPN, BRSE, TORD, PDAR, SCHO, SCHO, MNTX, LONH, LBHN, TXAR, TXAR, WMTX, WMTX, ABLO, TUL1, SFIN, ERPA, HRV, L61B, CCM, BINY, BDFB, M53A, M54A, JCT, U40A, N54A, ACSO, W39A, P49A, WHTX, O53A, N59A, PAL, SSPA, MIAR, P52A, O56A, WCI, W41B, X40A, MCWV, P60A, WVT, WXF, TZTN, KMSC, NHSC, LPAZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ASAR, CMAR, USRK, SONM, ZALV, GSPA, ILAR, TORD, ATH, VLY, VLY, VLY, ATHU, ATH, PTL, DION, KARY, WRA, ASAR, FITZ, TORD, NTC, NTC, TWB1, TIPB, TIPB, ILA, ILA, TWC, TWC, NWF, NWF, WFSB, WFSB, TWE, TWE, NDS, NDS, TWA, TWA, ENTT, ENTT, EWUT, EWUT, NHDH, NHDH, NWLT, NWLT, NWLT, ENA, ENA, TAP, NDT, NDT, YM01, YM01, EHP, YHNB, YHNB, TWS1, TWS1, NTST, NTST, NSK, NSK, NSK, NNS, NNS, NNSB, NNSB, NCU, NCU, NCU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NCUH, NACB, NACB, ETL, ETL, ETLH, ETLH, PCYT, PCYT, TWD, TWD, FUSS, FUSS, LIOB, LIOB, NSTT, NSTT, HSN, HSN, TWT, TWT, TDCB, TDCB, WHF, WHF, JYNO, JYNO, YOJ, YOJ, YOJ, YOJ, CHGB, CHGB, WHP, WHP, ESL, ESL, OWD, OWD, WCS, WCS, EGFH, EGFH, SMLT, SMLT, SMLT, TYC, TYC, SSLB, SSLB, HGSD, HGSD, YULB, YULB, IRIF, IRIF, ALS, ALS, CHN5, CHN5, ELDTW, ELDTW, CHN4, CHN4, JKRS, JKRS, WTP, WTP, JIJ, JIJ, TWK, TWK, CHN1, CHN1, SLGT, SLGT, SOEI, SOEI, BATI, BATI, BATI, BATI, MMRI, MMRI, EDFI, EDFI, FITZ, FITZ, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, BATI, BATI, FITZ, FITZ, WRA, WRA, ASAR, ASAR.

4d 0h

MKAR Makanchi Array 66.83 329 P P 23 32 35.3 0.0

IDC 03 23:24:51.5, 1.9, 8.26S; 125.33E, h0km, mb3.8/1, mb1 3.8/5, mb1mx3.6/37, mbtmp3.7/5, ML3.3/4, MS2.7/1, MS1 2.7/1, ms1mx2.6/33, Error ellipse: s-maj=40.2km

s-min=26.4km az=87.0 S

ISC 03 23:24:53.1, 1.5, 8.53S; 0.10x125.27E; 0.09, h10km, n5, +258/9, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include BATI Baumata, BATI Baumata, FITZ Fitzroy Cross, FITZ Fitzroy Cross, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 03 23:27:06.9, 2.4, 15.26S; 176.10W, h358km, 54km, mb3.3/5, mb1 3.5/6, mb1mx3.1/43, mbtmp4.1/6, Error ellipse: s-maj=140.5km s-min=26.0km az=142.0

ISC 03 23:27:06.6, 1.1, 15.2S; 0.4x176.2W; 0.2, h350km, n6, +0528/6, mb3.4/5, Fijil Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include AFI Afiamalu, CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

IDC 03 23:56:23.0, 0.9, 35.71N; 140.90E, h0km, mb3.7/10, mb1 3.8/13, mb1mx3.7/46, mbtmp3.8/13, ML3.6/3, MS3.0/1, MS1 3.0/1, ms1mx2.4/43, Error ellipse: s-maj=26.2km

s-min=17.9km az=77.0 S

NIED 03 23:56:24.2, 35.92N; 141.09E, h21km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn:1.01, Mo:0.21, Mo2:1.22, Mo3:2.2, Mo4:6.87, Mo5:1.64; Fault plane solution: M67.14000x10^14 NP1:4.00000, 382.00000, -1-169.00000, NP2:272.00000, 879.00000, -1-8.00000

JMA 03 23:56:24.2, 0.2, 35.92N; 141.09E, h21km, 2km, h2 JMA Felt II J1. NEIC 03 23:56:24.2, 1.7, 35.94N; 0.05x141.06E; 0.04, h8km, 3km, mb4.4/14, Error ellipse: s-maj=7.8km s-min=4.5km az=204.0

ISC 03 23:56:23.9, 0.6, 35.93N; 0.04x141.09E; 0.06, h10km, n7, +1939/63, mb4.0/18, AZ-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include CHOJ Chosi, JHTU Hitachinoyam, JSHM Samumatsuo, JYT Yasato, JHTU Hitachi, JONAJ Iwakimizuishiy, BS03 Boso, JMM Marumori, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, MJAT Matsushiro, MJBT Matsu-Tunnel, HCHU Hachioji, JHJ Hachioji, JGF Kuroka, JSD Sado, INU Inuyama, JNW Wachi, JTM Tenabayashi, ERM Erimo, JHS Saityo, ASAJ Asahikawa, JCJ Chichijima, JNU Tushima, KSK19 Wouju Array Si, USKR Unsuiry Arr, JOW Kunigami, HHC Hu-ho-hao-te, HHC Lanzhou, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, SONM Songino Array, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, LZH Lanzhou, WMO Urumqi, ZALV Zalesovo Beam, ZALV Zalesovo Beam, NRIK Noril'sk, NRIK Noril'sk, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, KURK Kurchatov, KURK Kurchatov, ILAR Eielson Array.

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comp=Z, 0.4nm, 0.8s, baz=273, slow=6.6, SNR=3.0

Table with columns: ILAR Eielson Array, KSH Kashi, BRVK Borovoye, BMAR Burnt Mountain, KKAR Kararay Array, INK Inuvik, FITZ Fitzroy Cross, WBO Warramunga Arr, WBO Warramunga Arr, CHRG Chuyangaron, WBR Warramunga Arr, WBR Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ARU Arti, ARU Arti, ABKAR Abkulak array, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, AKASA Malin Array S, NOA NORSAR Array B, H03N3 Juan Fernandez, H03N3 Juan Fernandez, H03N1 Juan Fernandez.

IDC 03 23:57:30.9, 1.1, 55.08N; 35.50W, h0km, mb3.7/7, mb1 3.8/9, mb1mx3.6/44, mbtmp3.7/9, ML2.8/2, MS3.4/18, MS1 3.4/18, ms1mx3.2/57, Error ellipse: s-maj=34.5km

s-min=22.4km az=8.0 S

ISC 03 23:57:31.8, 0.9, 55.11N; 0.2x35.6W; 0.1, h10km, n24, +090/11, mb3.6/7, MS3.4/15, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include BORG Borgarnes, SCHO Schefferville, SCHO Schefferville, EKA Eskdalemuir Arr, FRB Frobisher Bay, NOA NORSAR Array B, ESDC Sonseca Array, ESDC Sonseca Array, HFS Hagfors, HFS Hagfors, DAVOX Davos/Dischmat, SADO Sadowa, ARCES ARCES Array B, ARCES ARCES Array B, GERES GERES Array B, FINES FINES Array B, ULM Lac du Bonnet, AKASA Malin Array B, YKAO Yellowknife Arr, PDAR Pinedale Array, PDAR Pinedale Array, NEW Newport, KBD Khabaz, TORZ Torodi Arr, BBB Bella Bella, TXAR Lajitas Array, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 04 00:13:55.4, 12.0, 56.07S; 27.30W, h170km, 112km, mb3.0/22, mb1 3.4/3, mb1mx3.2/20, mbtmp3.9/3, Error ellipse: s-maj=71.1km s-min=29.0km az=112.0

ISC 04 00:13:48.6, 1.2, 56.0S; 0.2x27.7W; 0.4, h112km, n10, +0578/10, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Stat, SNA2 Sanae, SNA3 Sanae, VNA4 Vanda, TORZ Torodi Arr, ILAR Eielson Array, SONM Songino Array.

NEIC 04 00:17:45.0, 2.0, 53.4N; 0.2x169.6W; 0.2, h203km, 12km, mb3.2/11, ML3.1(AEIO), Error ellipse: s-maj=37.3km

AEIC 04 00:17:46.2, 1.5, 53.4N; 0.2, 169.6W; 0.09, h199km, 8km, Error ellipse: s-maj=29.6km s-min=4.5km az=167.0

IDC 04 00:17:57.4, 10.0, 54.21N; 168.49W, h242km, 80km, mb2.9/2, mb1 3.3/4, mb1mx2.8/48, mbtmp3.6/4, Error ellipse: s-maj=90.5km s-min=73.6km az=50.0

ISC 04 00:17:46.4, 1.0, 53.6N; 0.2x169.7W; 0.09, h200km, n46, +138/46, mb3.3/3, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include NIKH Nikolski High, OKFG Magazine Ridge, MSW Makushin Swite, UNSV Unalaska Valle, AKUT Akutan, WESP West Point, ISLT Isanotski Laza, FALS False Pass, GSTR Grest Sitkin T, ADK Adak, KIWB Kanaga Island, SDPT Seapoint, CNBA Chernabura Isl, AMKA Amchitka, CHGN Chignik.

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KDAK Kodiak Island 10.56 59 P Pn 00 20 10.0 -2.6

Table with columns: KDAX Kodiak Island, KDAX Kodiak Island, N19K Bonanza Creek, M19K Big River Lodge, CNPM China Post, SKT Skwentna, PDLA Peayville, GHO Glory Hole Cre, KTH Kantishna Hill, SML Sawmill, BPWA Bear Paw Mtn, FID Port Fidalgo, SCM Sheep Creek Mo, H21K Melozina Hill, M24K Tolsona, Glenn, I23K Minto, Yukon-K, I23K Minto, Yukon-K.

MDM Murphy Dome 15.75 35 P P 00 21 16.2 -1.0

HDA Harding Lake 15.89 38 P P 00 21 18.5 -0.2

IL31 Dot Lake 16.11 37 P P 00 21 20.4 -0.7

IL31 Dot Lake 16.11 37 P P 00 21 34.4

ILAR Eielson Array 16.11 37 P P 00 21 19.7 -1.5

ILAR Eielson Array 16.11 37 P P 00 21 20.3 -0.9

RIDG Independent Ri 16.36 42 P P 00 21 24.1 +0.1

H24K Noodor Dome 16.40 33 P Pn 00 21 25.0 -0.2

H24K Noodor Dome 16.40 33 P Pn 00 21 34.4

MDM Murphy Dome 16.63 42 P P 00 21 26.1 -0.8

SCRK Sand Creek 16.81 41 P P 00 21 27.9 -1.1

PRP Porcupine Dome 17.00 36 P P 00 21 30.1 -1.0

PRP Porcupine Dome 17.00 36 P P 00 21 32.6

EGAK Eagle 18.26 41 P P 00 21 44.9 +0.2

EGAK Eagle 18.26 41 P P 00 22 02.1

INUK Inuvik 22.48 35 P P 00 22 27.3 -1.3

INUK Inuvik 22.48 35 P P 00 22 46.6

MCMT McKenzie Canyo 37.26 80 P P 00 24 40.1 +1.2

NVAR Mina Array Bea 37.91 92 P P 00 24 46.6 +2.2

TXAR Lajitas Array 52.94 90 P P 00 26 43.2 +1.0

IDC 04 00:41:17.0, 4.0, 5.52S; 152.06E, h0km, mb3.2/2, mb1 3.7/3, mb1mx3.4/39, mbtmp3.5/3, ML4.1/1, MS3.3/1, MS1 3.2/1, ms1mx2.4/13, Error ellipse: s-maj=148.8km

s-min=50.0km az=114.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, TORD Torodi Arr, WRA Warramunga Arr, GUMO Guam, ASAR Alice Springs, MKAR Makanchi Array, NEIC 04 00:54:27.6, AEIC 04 00:54:28.1, ISC 04 00:54:27.5, KNK Knik Glacier, KNK Knik Glacier, KNK Knik Glacier, PWL Port Wells, PWL Port Wells, PWL Port Wells, GLI Glacier Island, GLI Glacier Island, GLI Glacier Island, GLI Glacier Island, JPK Jack Peak, SCM Sheep Creek Mo, SCM Sheep Creek Mo, SCM Sheep Creek Mo, SML Sawmill, SML Sawmill, SML Sawmill, VMT TAPS TI Valdez, VMT TAPS TI Valdez, FID Port Fidalgo, FID Port Fidalgo, PMR Palmer, PMR Palmer, PMR Palmer, GHO Glory Hole Cre, GHO Glory Hole Cre, GHO Glory Hole Cre, GHO Glory Hole Cre, KLU Klutina, KLU Klutina, KLU Klutina, KLU Klutina, KLU Klutina, DIV Divide, DIV Divide, RC01 Rabbit Creek A, RC01 Rabbit Creek A.

NEIC 04 00:54:27.6, 1.2, 6.12N; 0.03x147.73W; 0.05, h40km, 9km, Error ellipse: s-maj=4.2km s-min=3.2km az=208.0

AEIC 04 00:54:28.1, 3.6, 6.12N; 0.03x147.72W; 0.05, h39km, 6km, ML3.2, ML3.5/172(NEIC), Error ellipse: s-maj=5.4, 1km s-min=3.2km az=205.0

ISC 04 00:54:27.5, 1.9, 6.12N; 0.02x147.74W; 0.02, h39km, 4km, n220, +0976/255, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include WRA Warramunga Arr, GUMO Guam, ASAR Alice Springs, MKAR Makanchi Array, KNK Knik Glacier, KNK Knik Glacier, KNK Knik Glacier, PWL Port Wells, PWL Port Wells, PWL Port Wells, GLI Glacier Island, GLI Glacier Island, GLI Glacier Island, GLI Glacier Island, JPK Jack Peak, SCM Sheep Creek Mo, SCM Sheep Creek Mo, SML Sawmill, SML Sawmill, SML Sawmill, VMT TAPS TI Valdez, VMT TAPS TI Valdez, FID Port Fidalgo, FID Port Fidalgo, PMR Palmer, PMR Palmer, PMR Palmer, GHO Glory Hole Cre, GHO Glory Hole Cre, GHO Glory Hole Cre, GHO Glory Hole Cre, KLU Klutina, KLU Klutina, KLU Klutina, KLU Klutina, KLU Klutina, DIV Divide, DIV Divide, RC01 Rabbit Creek A, RC01 Rabbit Creek A.

RC01	Rabbit Creek A	0.97 265	P	Pn	00 54 44.6	0.0
RC01	baz=84,SNR=43			S	00 54 57.7	+0.5
HIN	hinz=84					
HIN	Hinchbrook I	1.01 142	Pn	Pn	00 54 45.5	+0.4
HIN	comp=E,2um,0.5s			IAML	00 55 02.2	
HIN	comp=N,78nm,0.8s			IAML	00 55 06.0	
EYAK	Cordova Ski Ar	1.17 123	P	Pn	00 54 47.6	+0.3
EYAK	Cordova Ski Ar	1.17 123	P	Pn	00 54 47.7	+0.4
EYAK	baz=304,SNR=50			S	00 55 04.3	+2.4
M24K	Tolsona, Glenn	1.18 39	Pn	Pn	00 54 47.3	-0.2
M24K	comp=E,715nm,2.6s			IAML	00 55 05.0	
M24K	Tolsona, Glenn	1.18 39	P	Pn	00 54 47.8	+0.2
M24K	baz=220,SNR=40			S	00 55 04.2	+1.8
FIS	Fire Island	1.20 269	Pn	Pn	00 54 48.5	+0.8
O22K	Cooper Landing	1.21 234	Pn	Pn	00 54 47.5	-0.2
O22K	Cooper Landing	1.21 234	Pn	Pn	00 55 04.2	+1.3
O22K	Cooper Landing	1.21 234	Pn	Pn	00 55 08.7	
O22K	comp=N,4um,0.5s			IAML	00 55 13.2	
O22K	comp=E,3um,0.7s			P	00 54 47.7	-0.1
O22K	Cooper Landing	1.21 234	P	Pn	00 55 04.1	+1.3
O22K	baz=53			S	00 55 04.1	+1.3
M22K	Willow	1.27 297	Pn	Pn	00 54 48.8	+0.2
M22K	baz=116,SNR=64			S	00 55 06.5	+0.2
M22K	Willow	1.27 297	P	Pn	00 54 48.8	+0.2
M22K	baz=116,SNR=64			S	00 55 06.1	+1.6
SEW	Seward	1.38 218	Pn	Pn	00 54 49.7	-0.4
SEW	Seward	1.38 218	P	Pn	00 54 49.8	-0.3
SEW	baz=37			S	00 55 07.7	+0.6
SLKM	Skilak Lake	1.40 241	Pn	Pn	00 54 50.5	+0.1
SUA	Susitna One	1.47 282	Pn	Pn	00 54 51.6	+0.1
SUA	Susitna One	1.47 282	Pn	Pn	00 55 11.8	
SUA	comp=E,613nm,0.5s			IAML	00 55 12.1	
SUA	comp=N,673nm,0.9s			P	00 54 51.7	+0.1
SUA	Susitna One	1.47 282	P	Pn	00 55 10.4	+0.7
SUA	baz=100,SNR=43			S	00 54 52.4	0.0
BMRM	Bremner River	1.54 97	Pn	Pn	00 54 52.4	0.0
BMRM	comp=N,803nm,0.4s			IAML	00 55 15.2	
BMRM	comp=E,703nm,0.4s			IAML	00 55 15.8	
BMRM	Bremner River	1.54 97	P	Pn	00 54 52.2	-0.3
BMRM	baz=279,SNR=34			S	00 55 12.8	+1.6
N25K	Chitina, Valde	1.57 73	Pn	Pn	00 54 52.8	0.0
N25K	Chitina, Valde	1.57 73	Pn	Pn	00 55 12.5	+0.6
N25K	comp=N,445nm,0.8s			IAML	00 55 13.9	
N25K	comp=E,450nm,0.7s			P	00 54 53.0	+0.2
N25K	Chitina, Valde	1.57 73	P	Pn	00 55 12.8	+0.9
N25K	baz=256,SNR=18			S	00 54 55.5	+0.8
CUT	Chulitna	1.71 316	Pn	Pn	00 54 55.4	+0.8
CUT	Chulitna	1.71 316	Pn	Pn	00 54 55.5	+0.8
CUT	baz=135,SNR=157			S	00 55 17.3	+2.2
RAGM	Ragged Mountai	1.71 117	Pn	Pn	00 54 55.1	+0.4
CAPN	Captain Cook N	1.72 257	Pn	Pn	00 54 56.2	+1.5
CAPN	Captain Cook N	1.72 257	Pn	Pn	00 54 56.1	+1.3
CAPN	baz=74			S	00 55 18.3	+2.9
HARP	HAARP	1.72 44	Pn	Pn	00 54 55.9	+1.0
HARP	HAARP	1.72 44	Pn	Pn	00 54 55.9	+1.0
HARP	baz=226,SNR=23			S	00 55 18.2	+2.6
O23K	Middleton Isla	1.90 158	Pn	Pn	00 54 59.7	+2.4
MID	Middleton Isla	1.91 158	Pn	Pn	00 54 59.7	+2.3
MID	comp=E,642nm,3.6s			IAML	00 55 16.7	
GLB	Gilahina Butte	1.91 81	Pn	Pn	00 54 57.9	+0.3
GLB	comp=N,310nm,0.4s			IAML	00 55 25.8	
HMT	Hamilton	1.91 115	Pn	Pn	00 54 57.3	-0.2
SKT	Skwentna	1.98 295	Pn	Pn	00 54 58.1	-0.2
SKT	Skwentna	1.98 295	Pn	Pn	00 55 21.9	0.0
SKT	comp=E,464nm,0.4s			IAML	00 55 25.6	
SKT	Skwentna	1.98 295	P	Pn	00 54 58.2	-0.2
SKT	baz=112,SNR=44			S	00 55 22.5	+0.6
STLK	Strandline Lak	2.00 281	Pn	Pn	00 54 59.3	+0.6
SPCG	Spurr Capps Gl	2.07 275	Pn	Pn	00 55 00.3	+0.5
VRDI	Verde Repeater	2.08 87	Pn	Pn	00 55 00.0	+0.1
VRDI	comp=N,304nm,0.8s			IAML	00 55 33.6	
KAIM	Kayak Island	2.08 126	Pn	Pn	00 54 59.1	-0.7
KAIM	comp=N,489nm,3.8s			IAML	00 56 20.6	
KAIM	Kayak Island	2.08 126	P	Pn	00 54 59.0	-0.7
PAX	Paxson	2.08 30	Pn	Pn	00 55 01.1	+1.3
PAX	Paxson	2.08 30	Pn	Pn	00 55 00.7	+0.9
PAX	baz=212,SNR=17			S	00 55 26.0	+1.6
BRSE	Bradley Lake S	2.08 227	Pn	Pn	00 54 59.9	0.0
BRSE	Bradley Lake S	2.08 227	Pn	Pn	00 54 59.8	0.0
BRSE	baz=44,SNR=6.5			S	00 55 24.2	-0.3
SPU	Spurr Spurr	2.09 271	Pn	Pn	00 54 59.7	-0.3
NICHA	Nichawak Mount	2.09 116	Pn	Pn	00 55 00.1	+0.1
BRLK	Bradley Lake	2.12 229	Pn	Pn	00 55 00.4	+0.1
BERG	Berg Lake	2.14 110	Pn	Pn	00 55 00.2	-0.4
BERG	comp=N,527nm,0.5s			IAML	00 55 37.1	
SPCN	Chakachata no	2.15 273	Pn	Pn	00 55 01.3	+0.5
SPCR	Spurr Chakacha	2.16 272	Pn	Pn	00 55 01.0	0.0
SPCR	Spurr Chakacha	2.16 272	Pn	Pn	00 55 00.4	-0.6
SPCR	baz=88			S	00 55 26.8	+0.2
SPBZ	Spurr Blockage	2.24 274	Pn	Pn	00 55 02.3	+0.2
SUCK	Suckling Hills	2.25 118	Pn	Pn	00 55 01.8	-0.4
SUCK	comp=E,361nm,3.1s			IAML	00 55 59.1	
SUCK	comp=N,293nm,4.4s			IAML	00 56 21.6	
RND	Reindeer	2.28 347	Pn	Pn	00 55 03.4	+0.8
MCARA	McCarthy VSAT	2.29 83	Pn	Pn	00 55 03.1	+0.5
MCARA	McCarthy VSAT	2.29 83	Pn	Pn	00 55 44.2	
MCARA	comp=N,292nm,0.5s			IAML	00 55 02.8	+0.2
CRQM	Cr Cirque	2.29 99	Pn	Pn	00 55 03.3	+0.5
CRQM	comp=E,407nm,0.9s			IAML	00 55 44.5	
CRQM	comp=N,364nm,0.6s			IAML	00 55 45.9	
CRQE	Cr Cirque	2.31 99	P	Pn	00 55 02.9	-0.2
KHIT	Khitrov Hills	2.33 107	Pn	Pn	00 55 03.0	-0.3
CNPM	China Pool	2.41 128	Pn	Pn	00 55 04.9	+0.5
CNPM	comp=E,181nm,2.9s			IAML	00 55 49.6	
TGL	Tana Glacier	2.44 98	Pn	Pn	00 55 05.0	+0.2
TGL	comp=N,336nm,0.5s			IAML	00 55 42.0	
BGLC	Bering Glacier	2.44 114	P	Pn	00 55 05.0	+0.3
BGLC	baz=298			P	00 55 05.0	+0.3

HOM	Homer	2.48 233	Pn	Pn	00 55 05.9	+0.7
HOM	comp=N,296nm,2.5s			IAML	00 56 33.6	
WAX	Waxell Ridge	2.51 105	Pn	Pn	00 55 05.5	-0.3
PTPK	Patty Peak	2.56 88	Pn	Pn	00 55 07.0	+0.5
PTPK	comp=N,128nm,0.7s			IAML	00 55 37.7	+1.3
TRF	Thorofare Moun	2.56 333	Pn	Pn	00 55 07.3	+0.8
TRF	comp=E,129nm,0.7s			IAML	00 55 47.1	
TRF	Thorofare Moun	2.56 333	P	Pn	00 55 07.1	+0.6
M26K	Nabesna, AK	2.56 60	Pn	Pn	00 55 07.5	+1.1
M26K	Nabesna, AK	2.56 60	Pn	Pn	00 55 07.0	+0.6
RSO	Redoubt South	2.56 256	Pn	Pn	00 55 06.5	-0.1
MENT	Mentasta	2.56 46	Pn	Pn	00 55 08.9	+2.3
MENT	comp=N,138nm,0.5s			IAML	00 55 57.0	
RDWB	Redoubt West	2.60 256	Pn	Pn	00 55 06.7	-0.3
MCK	McKinley	2.61 348	Pn	Pn	00 55 08.0	+0.9
MCK	comp=E,117nm,0.4s			IAML	00 55 42.6	
MCK	McKinley	2.61 348	Pn	Pn	00 55 53.1	
MCK	comp=N,116nm,0.5s			IAML	00 55 07.9	+0.9
MCK	baz=167,SNR=21			S	00 55 39.0	+1.6
SNH	Sunshine Point	2.62 111	Pn	Pn	00 55 07.7	+0.5
SNH	comp=N,285nm,3.6s			IAML	00 55 26.1	
SNH	comp=E,260nm,3.4s			IAML	00 55 51.7	
BALM	Baldy	2.62 91	Pn	Pn	00 55 07.5	+0.1
KIAG	Kiagna River	2.63 94	Pn	Pn	00 55 07.5	0.0
O20K	Slope Mountain	2.65 247	Pn	Pn	00 55 07.9	+0.2
O20K	Slope Mountain	2.65 247	P	Pn	00 55 07.6	-0.1
BARK	Barkley Ridge	2.69 105	Pn	Pn	00 55 08.4	+0.1
PPLA	Purkeypile	2.70 311	Pn	Pn	00 55 08.8	+0.4
PPLA	Purkeypile	2.70 311	Pn	Pn	00 55 08.3	-0.2
ISLE	Juniper Island	2.71 100	Pn	Pn	00 55 08.5	0.0
ISLE	comp=N,308nm,0.7s			IAML	00 55 51.6	
ISLE	comp=N,308nm,0.7s			IAML	00 55 58.2	
L26K	Log Cabin Wild	2.76 46	Pn	Pn	00 55 09.3	+0.1
KTH	Kantishna Hill	2.79 329	Pn	Pn	00 55 10.4	+0.8
KTH	comp=E,116nm,0.8s			IAML	00 55 57.2	
IVE	Iliamna Volcan	2.86 248	Pn	Pn	00 55 10.1	-0.5
RIDG	Independent Ri	2.89 27	Pn	Pn	00 55 11.9	+1.0
RIDG	Independent Ri	2.89 27	P	Pn	00 55 11.7	+0.8
ILS	Iliamna Low So	2.91 247	Pn	Pn	00 55 10.9	-0.3
BARN	Barnard Glacier	2.95 90	Pn	Pn	00 55 12.5	+0.5
BARN	comp=E,169nm,0.5s			IAML	00 55 57.1	
BARN	comp=N,192nm,0.6s			IAML	00 55 12.1	0.0
GRNC	Granite Creek	2.96 96	Pn	Pn	00 55 58.6	
GRNC	comp=E,103nm,0.7s			IAML	00 56 03.0	
GRNC	comp=N,117nm,0.6s			IAML	00 55 14.2	+1.8
DOT	Dot Lake	3.00 33	Pn	Pn	00 55 13.7	+1.1
CAST	Castle Rocks	3.02 320	Pn	Pn	00 55 13.2	+0.6
CAST	Castle Rocks	3.02 320	P	Pn	00 55 14.2	+1.8
M27K	Edge Creek, AK	3.02 65	Pn	Pn	00 55 14.2	+1.3
M27K	Edge Creek, AK	3.02 65	Pn	Pn	00 55 13.8	+0.9
MESA	MESA	3.02 107	Pn	Pn	00 55 13.3	+0.3
MESA	comp=N,234nm,1.7s			IAML	00 55 59.3	
MESA	MESA	3.02 107	P	Pn	00 55 13.1	+0.2
YAH	Yahitse	3.06 103	Pn	Pn	00 55 13.2	-0.2
YAH	comp=E,148nm,0.7s			IAML	00 56 07.0	
YAH	comp=N,191nm,3.7s			IAML	00 56 28.8	
BWN	Browne	3.09 346	Pn	Pn	00 55 14.0	+0.4
CTG	Chitina Glacier	3.12 91	Pn	Pn	00 55 14.5	+0.3
CTGM	Chitina Glacie	3.12 91	Pn	Pn	00 55 14.6	+0.4
CTGM	comp=N,76nm,0.7s			IAML	00 56 04.2	
P19K	Oil Pt	3.13 243	Pn	Pn	00 55 14.3	0.0
P19K	comp=N,161nm,2.9s			IAML	00 56 02.1	
P19K	Oil Pt	3.13 243	P	Pn	00 56 04.5	
P19K	comp=E,146nm,0.5s			IAML	00 55 14.1	-0.2
L20K	Farewell, AK	3.18 297	Pn	Pn	00 55 14.1	-0.8
L20K	Farewell, AK	3.18 297	P	Pn	00 55 14.0	-1.0
HDA	Harding Lake	3.25 6	Pn	Pn	00 55 16.4	+0.6
HDA	comp=E,105nm,0.6s			IAML	00 56 02.3	
HDA	comp=N,91nm,0.7s			IAML	00 56 07.9	
HDA	Harding Lake	3.25 6	P	Pn	00 55 16.2	+0.5
M19K	Big River Lodg	3.26 285	Pn	Pn	00 55 15.0	-1.0
M19K	comp=E,91nm,0.3s			IAML	00 56 05.5	
M19K	Big River Lodg	3.26 285	P	Pn	00 56 05.7	
M19K	comp=N,72nm,0.6s			IAML	00 55 15.3	-0.8
RKAV	Rock Avalanche	3.27 103	Pn	Pn	00 55 16.6	+0.3
BPAW	Bear Paw Mtn.	3.28 334	Pn	Pn	00 55 16.3	0.0
BPAW	comp=N,82nm,1.2s			IAML	00 56 08.9	
BPAW	Bear Paw Mtn.	3.28 334	P	Pn	00 55 16.1	-0.1
SCRK	Sand Creek	3.29 30	Pn	Pn		

Table with columns: Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like EWUT, NNS, TWQ1, etc.

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

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

MOS 04 03:44:11.8, 0.9, 8:25S: 124.84E, h13km, mb6.3/88, MS6.1/37, Error ellipse: s-maj=7.0km s-min=4.1km az=117.4

NEIC 04 03:44:11.8, 0.9, 8:25S: 124.84E, h13km, mb6.3/88, MS6.1/37, Error ellipse: s-maj=7.0km s-min=4.1km az=117.4

MOS 04 03:44:11.8, 0.9, 8:25S: 124.84E, h13km, mb6.3/88, MS6.1/37, Error ellipse: s-maj=7.0km s-min=4.1km az=117.4

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4d 3h	POO	Poona	57.00 298	iP	P	03 53 58.0	-1.9
	KUR	Kuril'sk	57.15 19d	iP	P	03 54 00.6	+0.2
	KUR			eS	S	04 01 51.9	-2.3
	KUR	comp=Z,792nm,1.5s			pmax		
	KUR	comp=N,347nm,1.7s			pmax		
	KUR	comp=E,147nm,1.6s			pmax		
	KUR	comp=Z,12um,5.0s			pmax		
	KUR	comp=N,7um,4.7s			pmax		
	KUR	comp=E,4um,3.3s			MLR		
	KUR	comp=E,8um,19.0s			MLR		
	KUR	comp=Z,10um,19.0s			MLR		
	KUR	comp=N,4um,15.0s			MLR		
	YSS	Yuzh-Sakhalins	57.26 14i	eP	P	03 54 01.4	+0.5
	YSS			e'SP	S	03 54 10.7	-1.3
	YSS			e	S	03 54 53.1	
	YSS			e	S	03 56 13.9	
	YSS			eS	S	04 01 54.0	-1.6
	YSS			e	S	04 02 08.4	
	YSS	comp=Z,130nm,1.2s			pmax		
	YSS	comp=Z,4um,3.8s			pmax		
	YSS	comp=N,2um,4.0s			pmax		
	YSS	comp=Z,3um,4.9s			pmax		
	YSS	comp=N,1um,4.8s			pmax		
	YSS	comp=Z,8um,18.0s			MLR		
	YSS	comp=E,8um,20.0s			MLR		
	YSS	Yuzh-Sakhalins	57.26 14	P	P	03 54 01.4	+0.3
	YSS			IAMB	IAMB	03 54 12.8	
	RAO	Raoul Island	57.40 119	IAMS_20	IAMS_20	04 20 49.3	
	HIA	Hailar	57.51 356	P	P	03 54 02.9	0.0
	HIA	comp=Z,303nm,1.2s			P		
	HIA	Hailar	57.51 356	P	P	03 54 02.9	0.0
	HIA	comp=Z,302nm,1.2s			IAMB		
	KLR	Kul'dur	57.60 5d	iP	P	03 54 03.2	-0.3
	KLR	comp=Z,255nm,2.3s			pmax		
	ULN	Ulaanbaatar	58.12 346d	iP	P	03 54 07.0	-0.4
	ULN	comp=Z,301nm,1.3s			pmax		
	ULN	Ulaanbaatar	58.12 346	P	P	03 54 07.2	-0.2
	ULN	comp=Z,391nm,1.4s			IAMB		
	ULN	Ulaanbaatar	58.12 346	P	P	03 54 07.7	+0.3
	ULN	Ulaanbaatar	58.12 346	P	P	03 54 07.7	+0.3
	ULN	Ulaanbaatar	58.12 346	P	P	03 54 07.1	-0.3
	SONM	Songino Array	58.25 345	P	P	03 54 07.9	-0.4
	SONM	comp=Z,1.41nm,1.1s,baz=167,slo=5.8,SNR=164			LR		
	SONM	comp=Z,1.8um,21.3s,baz=174,slo=38			LR		
	SONM	comp=Z,8.7nm,1.2s,baz=287,slo=2.7,SNR=8.3			PKPPKP		
	SONM	Songino Array	58.25 345	IAMB	IAMB	03 54 07.9	-0.4
	SONM	comp=Z,246nm,1.2s			IAMB		
	CASY	Casey	58.73 187	P	P	03 54 10.1	-1.1
	CASY	Casey	58.73 187	P	P	03 54 12.5	+1.3
	NDI	New Delhi	58.89 311	eP	P	03 54 11.0	-2.0
	UGL	Ulgorsk	59.09 13j	iP	P	03 54 13.5	-0.4
	UGL			eS	S	04 02 22.0	+2.6
	UGL	comp=Z,400nm,1.1s			pmax		
	UGL	comp=Z,8um,4.3s			pmax		
	UGL	comp=N,9um,9.5s			smax		
	DDI	Dehra Dun	59.14 313	eP	P	03 54 13.2	-1.5
	GRNR	Gorny	59.67 8j	iP	P	03 54 18.4	+0.5
	GRNR			eS	S	04 02 30.7	+3.7
	GRNR	comp=N,30nm,1.2s			pmax		
	GRNR	comp=Z,40nm,1.0s			pmax		
	GRNR	comp=N,4.0nm,0.7s			smax		
	SMLA	Simla	60.22 313	eP	P	03 54 22.2	+0.2
	CIT	Chita	60.87 352	eP	P	03 54 26.3	+0.1
	CIT			e	S	03 54 36.5	
	CIT			e	S	03 55 10.3	
	CIT	comp=Z,747nm,2.8s			pmax		
	TYV	Tymovskoe	60.90 13	eP	P	03 54 28.1	+1.8
	TYV			eS	S	04 02 47.2	+4.6
	TYV	comp=Z,8um,4.6s			pmax		
	TYV	comp=Z,174nm,1.3s			pmax		
	TYV	comp=E,27nm,1.6s			smax		
	TYV	comp=N,6um,6.2s			smax		
	TYV	comp=N,3um,6.2s			smax		
	BHK	Bhakra	60.91 313	eS	P	03 55 10.2	-0.1
	BHK			eP	P	03 54 23.8	-3.0
	ZAK	Zakamensk	61.40 344	eP	P	03 54 29.0	-0.9
	ZAK			pmax			
	DHRM	DHARAMSHALA	61.44 314	eP	P	03 54 29.3	-1.4
	DHRM	comp=Z,1um,1.6s			IAMB		
	ZEA	Zeya	61.84 2	eP	P	03 54 33.0	+0.4
	ZEA			e	S	03 56 51.9	
	ZEA			eS	S	04 02 54.1	-0.4
	ZEA	comp=N,60nm,1.2s			pmax		
	ZEA	comp=E,10.0nm,1.3s			pmax		
	ZEA	comp=Z,120nm,1.3s			pmax		
	ZEA	comp=E,300nm,4.1s			pmax		
	ZEA	comp=N,2um,7.3s			pmax		
	ZEA	comp=Z,4um,6.3s			pmax		
	ZEA	comp=E,400nm,6.0s			pmax		
	ZEA	comp=N,1um,5.0s			pmax		
	ZEA	comp=Z,2um,4.6s			pmax		
	ZEA	comp=N,3um,9.1s			smax		
	ZEA	comp=E,5um,15.9s			smax		
	WMQ	Urumqi	61.88 330	jP	P	03 54 33.5	+0.3
	WMQ			PP	P	03 56 54.0	+4.3
	WMQ			S	S	04 02 56.5	+0.9
	WMQ			sS	S	04 03 04.6	-0.3
	WMQ	comp=E,230nm,1.1s			pmax		
	WMQ	comp=E,5um,3.9s			pmax		
	WMQ	comp=E,20um,17.5s			LR		
	WMQ	comp=E,15um,16.3s			LR		
	WMQ	comp=E,16um,20.9s			LR		
	BHUJ	Bhuj	62.47 302	eP	P	03 54 36.3	-1.1

BHUJ	comp=Z,901nm,2.1s						
TLY	Talaya	62.49 345d	iP	P	03 54 36.7	-0.4	
TLY			eS	S	04 03 03.3	+0.4	
TLY	comp=Z,234nm,0.9s			pmax			
TLY	Talaya	62.49 345	P	P	03 54 36.5	-0.6	
TLY	Talaya	62.49 345	P	P	03 54 37.2	+0.2	
TLY			P	P	03 54 37.2	+0.2	
NKL	Nikolayevsk	62.67 11	eP	P	03 54 37.9	-0.2	
NKL			e	S	03 55 18.9		
NKL			e	S	03 56 58.5		
NKL			e	S	04 03 05.0	+0.1	
NKL	comp=E,4.0nm,0.6s			pmax			
NKL	comp=N,578nm,1.0s			pmax			
NKL	comp=Z,333nm,1.2s			pmax			
NKL	comp=Z,319nm,2.9s			pmax			
IRK	Irkutsk	62.85 346	eP	P	03 54 38.3	-1.2	
IRK			eP	P	03 54 38.3	-1.2	
MOY	Mondy	63.19 344	eP	P	03 54 41.8	0.0	
MOY			eP	P	03 54 41.8	0.0	
MOY	comp=Z,711nm,3.3s			pmax			
KNTN	Kanton	63.24 89	P	P	03 54 42.8	0.0	
KNTN	Kanton	63.24 89	P	P	03 54 43.5	+0.7	
KNTN	Kanton	63.24 89	P	P	03 54 43.8	-6.9	
KNTN	Kanton	63.24 89	P	P	03 54 45.0	+2.2	
NIUE	Niue	63.90 107	P	P	03 54 46.9	-0.1	
NIL	Nilore	64.35 313	P	P	03 54 48.7	-1.1	
NIL			pmx	pmx			
NIL	comp=Z,511nm,1.4s			MLR			
NIL	Nilore	64.35 313	P	P	03 54 48.7	-1.1	
NIL	Nilore	64.35 313	P	P	04 24 12.6		
NIL	comp=Z,28um,21.0s			IAMS_20	IAMS_20		
NIL	comp=Z,28um,21.0s			IAMS_20	IAMS_20		
SKR	Severo-Kuril's	64.67 21	eP	P	03 54 52.7	+1.3	
SKR			eP	P	03 55 24.7		
SKR			eS	S	04 03 29.5	-0.4	
SKR	comp=Z,3um,4.4s			pmx	pmx		
SKR	comp=Z,3um,22.0s			MLR	MLR		
KSH	Kashi	65.68 320	P	P	03 54 58.1	-0.3	
KSH			pP	P	03 55 03.0	-3.3	
KSH			sP	P	03 55 04.6	-4.6	
KSH			SS	S	04 03 59.5	-3.7	
KSH			SS	S	04 04 45.4	-7.4	
KSH			SS	S	04 07 56.7	-1.2	
KSH	comp=Z,96nm,1.3s			pmx	pmx		
KSH	comp=Z,4um,5.7s			LR	LR		
KSH	comp=Z,33um,20.8s			LR	LR		
KSH	comp=Z,21um,19.4s			LR	LR		
KSH	comp=Z,44um,22.0s			LR	LR		
TARG	Taragay, Kyrgy	65.86 323	P	P	03 54 59.4	-0.5	
TARG			IAMB	IAMB	03 55 12.0		
ZSN	Zaisan	65.88 331	jP	P	03 54 58.6	-0.8	
ZSN	comp=Z,385nm,1.5s			pmx	pmx		
ZSN	Zaisan	65.88 331	iP	P	03 54 58.6	-0.8	
ZSN	Zaisan	65.88 331	iP	P	03 54 58.6	-0.8	
ZSN	Zaisan	65.88 331	iP	P	04 03 43.7	-1.3	
ZSN	Zaisan	65.88 331	iP	P	04 03 43.7	-1.3	
PRZ	Przheval'sk	65.97 324	P	P	03 54 59.4	-0.9	
PRZ	comp=Z,1um,1.9s			pmx	pmx		
PRZ	Przheval'sk	65.97 324	P	P	03 54 59.4	-0.9	
PRZ	Przheval'sk	65.97 324	P	P	03 55 00.4	-0.2	
UZB	Uzymbulak	66.03 325	jP	P	03 55 00.4	-0.2	
UZB	comp=Z,516nm,2.3s			eS	S	04 03 47.1	-0.3
UZB	Uzymbulak	66.03 325	iP	P	03 55 00.4	-0.2	
UZB	Uzymbulak	66.03 325	iP	P	03 55 00.4	-0.2	
UZB	Uzymbulak	66.03 325	iP	P	03 55 00.4	-0.2	
SATY	Saty	66.33 325	jP	P	03 55 02.3	-0.2	
SATY	comp=Z,847nm,2.7s,baz=324			eS	S	04 03 52.8	+1.8
SATY	comp=Z,847nm,2.7s			S	S	04 03 52.8	+1.8
SATY	Saty	66.33 325	dP	P	03 55 02.3	-0.2	
SATY	Saty	66.33 325	dP	P	04 03 52.7	+1.8	
SATY	Saty	66.33 325	dP	P	04 03 52.7	+1.8	
KPKS	Kokpek	66.42 325	jP	P	03 55 02.8	-0.3	
KPKS	comp=Z,411nm,1.7s,baz=325			eS	S	04 03 52.5	+0.5
KPKS	Kokpek	66.42 325	dP	P	03 55 02.8	-0.3	
KPKS	Kokpek	66.42 325	dP	P	03 55 02.8	-0.3	
KPKS	Kokpek	66.42 325	dP	P	04 03 52.4	+0.5	
BOD	Bodaibo	66.50 354	eP	P	03 55 02.8	-0.3	
BOD			eP	P	03 55 02.8	-0.3	
BOD	comp=Z,571nm,2.0s			pmx	pmx		
MK31	Makanchi Array	66.67 330	dP	P	03 55 04.0	-0.5	
MK31	Makanchi Array	66.67 330	P	P	03 55 04.5	-0.1	
MK31	Makanchi Array	66.67 330	P	P	03 55 13.2		
MKAR	Makanchi Array	66.67 330	P	P	03 55 04.1	-0.4	
MKAR	comp=Z,434nm,1.2s			LR	LR		
MKAR	comp=Z,252nm,1.0s,baz=126,slo=6.2,SNR=398			PKPPKP			
MKAR	comp=Z,2.8nm,1.0s,baz=270,slo=1.2,SNR=6.5			LR	LR		
MAKZ	Makanchi	66.84 329	P	P	03 55 05.2	-0.4	
MAKZ	comp=Z,264nm,1.2s			pmx	pmx		
MAKZ	Makanchi	66.84 329	P	P	03 55 05.2	-0.4	
MAKZ	Makanchi	66.84 329	P	P	03 55 14.1		
ULHL	Ulahol	67.11 323	P	P	03 55 07.8	+0.2	
TNSS	Tian-Shan	67.16 324	eP	P	03 55 08.0	-0.2	
MDOK	Medeo	67.18 324	iP	P	03 55 07.6	-0.4	
MDOK	comp=Z,324			iS	S	04 03 58.1	-3.1
MDOK	Medeo	67.18 324	iP	P	03 55 07.6	-0.4	
MDOK	Medeo	67.18 324	iP	P	04 03 59.6	-1.7	
MDOK	Medeo	67.18 324	iP	P			

4d 3h

Table with columns for station call letters, location, frequency, and other details. Includes stations like COI Coimbra, MNTX Cornudas Mount, PCAS Casimiro, etc.

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Table with columns for station call letters, location, frequency, and other details. Includes stations like WCI Wyandotte Cave, OXF Oxford, P49A Miami Univ., etc.

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Table with columns for station call letters, location, frequency, and other details. Includes stations like LVC Limon Verde, PET01 IFOC Station P, PTGB Pitanga, etc.

mb1 5.0/21, mb1mx4.7/46, mbtmp4.9/21, ML5.1/2 Error ellipse: s-maj=20.2km s-min=13.2km az=73.0 NEIC 04 03:51:02.6: 1.7, 8.20S:0.0:124.86E:0.07, h10km, 1km, mb5.3/40, Error ellipse: s-maj=13.4km s-min=10.4km az=42.0

ISC 04 03:51:03.7: 0.3, 8.26S:0.05:124.95E:0.05, h24km, n92, c=172/97, mb5.1/42, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SOEI Soe, BATI Baumata, MMRI Maumers, MTN Manton Dam, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, KMBO Kilima Mbogo, KBZ Khabaz, SNAAS Khabaz, AKASG Malin Array Be, etc.

OSPL 04 03:54:51.6: 0.9, 19.15N:64.32W, h0km, 150km, ML3.0 NEIC 04 03:54:54.3: 1.4, 19.28N:0.10:64.44W:0.09, h37km, 54km, Error ellipse: s-maj=15.2km s-min=11.1km az=207.0 RSPR 04 03:54:54.9: 1.9, 16.6N:64.38W, h61km, 6km, MD3.7/13 ISC 04 03:54:55.5: 3.1, 19.22N:0.1:64.50W:0.1, h42km, n51, c=102/54, 13C-2Z, Virgin Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TBVI Tortola, STVI Saint Thomas, STVI Saint Thomas, STVI Saint Thomas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TBVI Tortola, STVI Saint Thomas, STVI Saint Thomas, STVI Saint Thomas, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TBVI Tortola, STVI Saint Thomas, STVI Saint Thomas, STVI Saint Thomas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TBVI Tortola, STVI Saint Thomas, STVI Saint Thomas, STVI Saint Thomas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, KAPI Kappang, PLAI Pampang, KNRA Kunura, FITZ Fitzroy Crossi, etc.

ISC 04 04:08:33.0: 1.0, 7.82S:124.87E, h0km, mb4.1/8, mb1 4.2/9, mb1mx3.9/41, mbtmp4.1/9, ML3.8/1, MS5.5/1, Ms1 5.5/1, ms1Mx4.6/43, Error ellipse: s-maj=34.6km s-min=17.4km az=85.0

ISC 04 04:08:36.2: 0.7, 8.29S:0.07:125.1E:0.1, h24km, n16, c=220/18, mb4.1/8, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, BATI Baumata, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

ISC 04 04:09:47.3: 25.0, 12.43S:169.92E, h402km, 219km, mb3.4/3, mb1 3.7/3, mb1mx3.0/48, mbtmp4.2/3, Error ellipse: s-maj=302.1km s-min=61.5km az=132.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

ISC 04 04:18:46.0: 1.2, 8.03S:124.93E, h0km, mb3.8/3, mb1 3.9/4, mb1mx3.6/43, mbtmp4.0/5, ML3.7/1, Error ellipse: s-maj=42.1km s-min=29.8km az=65.0 NEIC 04 04:19:00.4: 0.9, 9.75S:0.1:124.6E:0.1, h43km, 5km, mb4.4/4, Error ellipse: s-maj=19.4km s-min=14.7km az=54.0

ISC 04 04:18:52.0: 1.3, 8.75S:0.1:124.95E:0.09, h24km, n19, c=168/21, mb4.0/5, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, MTN Manton Dam, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DRO Drossia, PVO Paravola, PVO comp=E,570um,0.3s, etc.

IDC 04 05:21.5:5.5,24:45S:179:89E,h50km,61km,mb3.3/8, mb1 3.5/9,mb1mx3.2/42,mbtmp4.2/9, Error ellipse: s-maj=39.0km s-min=21.6km az=39.0

ISC 04 05:21.1:3.2,24:6S:02:179:9E:0.2,h517km,n9, <066:9,mb3.8/8, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

IDC 04 05:02:59.8:1.9,8:18S:125:61E,h0km,mb3.6/1, mb1 3.7/5,mb1mx3.5/34,mbtmp3.5/5,ML3.4/4, Error ellipse: s-maj=50.3km s-min=27.6km az=75.0

ISC 04 05:03:03.5:1.5,8:45S:01:125:8E:0.1,h35km,n5,<242:7, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, BATI 5.4nm,0.3s,baz=128,slow=8.0,SNR=1.8, FITZ Fitzroy Crossi, etc.

IDC 04 05:10:56.0:1.1,6:83S:144:17E,h0km,mb3.8/6, mb1 4.1/9,mb1mx3.9/31,mbtmp3.9/9,ML3.8/1, Error ellipse: s-maj=29.0km s-min=21.2km az=73.0

ISC 04 05:11:01.1:0.8,6:95S:01:144:1E:0.1,h35km,n9, <152:10,mb3.8/6, New Guinea

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

DJA 04 05:16:56.9:0.8,9:5:8*12:5E, h30km,9km,ML4.2/5, mb4.8/2,mb6.5/1,MLV4.0/5,MW(m)6.2/1

IDC 04 05:17:23.1:1.3,8:22S:125:58E,h0km,mb3.9/4, mb1 4.1/8,mb1mx3.8/43,mbtmp4.0/8,ML3.4/4,MS4.4/1, MS1.4/4,ms1mx3.5/38, Error ellipse: s-maj=45.6km s-min=21.3km az=79.0

ISC 04 05:17:25.0:9.8,7:37S:00:8:125:6E:0.1,h35km,n9, <156:12,mb4.0/4, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, BATI 2.66227 Pn, FITZ Fitzroy Crossi, etc.

IDC 04 05:21:23.8:1.2,8:19S:125:45E,h0km,mb3.8/5, mb1 4.1/9,mb1mx3.8/42,mbtmp3.9/9,ML3.7/4, Error ellipse: s-maj=46.6km s-min=19.3km az=74.0

DJA 04 05:21:26.4:0.5,8:3:3*12:5E, h10km,ML4.1/6,mb4.4/2, MLV3.9/6

ISC 04 05:21:26.9:0.8,8:40S:00:6:125:23E:0.08,h24km,n20, <250:22,mb4.0/5, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEI Soe, SOEI 1.65 215 P, BATI Baumata, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLAI Plampang, KNRA Kununurra, FITZ Fitzroy Crossi, etc.

HLW 04 05:23:06.0:32:49N:31:47E,h25km,16km,MD3.2,ML4.0, NIC 04 05:23:06.8:0.0,32:43N:31:56E,h34km,26km,ML3.8/4, Error ellipse: s-maj=49.1km s-min=25.7km az=75.0

ISC 04 05:23:06.4:1.5,32:44N:00:41:36E:0.07,h35km,n24, <063:29,4C-1D, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OSC2 CSNet OBS 4, NATA Nata, NATA 0.9nm,0.4s, etc.

IDC 04 05:23:28.4:1.4,8:06S:125:61E,h0km,mb3.9/4, mb1 4.0/7,mb1mx3.8/40,mbtmp3.9/7,ML3.4/3, Error ellipse: s-maj=49.1km s-min=25.7km az=75.0

ISC 04 05:23:32.0:1.0,8:23S:01:125:5E:0.1,h26km,n7, <152:8,mb4.0/4, Timor region

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

NEIC 04 05:29:27.9:1.8,8:27S:00:8:125:48E:0.08,h11km,3km, mb4.4/4, Error ellipse: s-maj=13.2km s-min=10.1km az=221.0

IDC 04 05:29:27.0:0.9,8:16S:125:37E,h0km,mb4.2/6, mb1 4.2/9,mb1mx3.9/30,mbtmp4.1/9,ML3.8/3, Error ellipse: s-maj=45.4km s-min=18.1km az=76.0

DJA 04 05:29:28.0:1.3,8:18S:14:12:5E, h10km,ML4.3/5,mb4.6/2, MLV4.1/5

ISC 04 05:29:28.0:0.7,8:32S:00:7:125:54E:0.07,h10km,n33, <178:37,mb4.2/7, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEI Soe, SOEI 1.90 221 P, BATI Baumata, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, WR0 Warramunga Arr, etc.

DJA 04 05:38:29.2:0.6,8:5:6*12:4E, h10km,ML3.9/6,mb4.1/2, MLV3.8/6

IDC 04 05:38:32.8:2.0,8:40S:125:19E,h0km,mb3.5/1, mb1 3.7/5,mb1mx3.5/36,mbtmp3.6/5,ML3.4/4, Error ellipse: s-maj=50.4km s-min=28.5km az=75.0

ISC 04 05:38:26.3:1.8,7:85S:01:123:93E:0.08,h10km,n12, <248:13, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMRI Maumere, SOEI Soe, SOEI 1.95 170 P, etc.

ANF 04 05:38:35.7:0.1,6:4:28N:148:53W,h10km,1km,ML3.5/43, Error ellipse: s-maj=1.2km s-min=1.0km az=125.0

NEIC 04 05:38:36.0:1.7,6:4:29N:102:148:53W:0.07,h8km,5km, Error ellipse: s-maj=5.2km s-min=1.8km az=125.0

AEIC 04 05:38:36.1:6,6:4:29N:02:148:47W:0.05,h11km,7km, ML3.2,ML3.3/84(NEIC), Error ellipse: s-maj=4.7km s-min=1.2km az=135.0

ISC 04 05:38:39.9:1.0,6:4:29N:02:148:53W:0.02,h8km,10km, n145,<095/144, Central Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRH Wood River Hill, WRH Wood River Hill, WRH comp=E,4um,0.4s, etc.

BWN Browne, BWN Browne, comp=N,2um,0.2s, 0.42 254 IAML Pg 05 38 44.8

CCB Clear Creek Bu, 0.48 41 IAML Pg 05 38 45.0

CCB Clear Creek Bu, comp=N,2um,0.1s, 0.48 41 IAML Pg 05 38 51.0

CCB comp=E,2um,0.2s, 0.59 198 IAML Pg 05 38 47.4

MCK McKinley, 0.59 198 IAML Pg 05 38 56.2

MCK McKinley, comp=N,946nm,0.4s, 0.59 198 IAML Pg 05 38 56.7

MCK McKinley, comp=E,1um,0.2s, 0.59 198 P Pg 05 38 47.4

MCK McKinley, baz=20,SNR=135, 0.59 198 S Sg 05 38 54.6

TCOL CIGO, UAF Yank, 0.65 26 P Pg 05 38 47.2

TCOL CIGO, UAF Yank, comp=N,2um,0.6s, 0.65 26 P Pg 05 38 57.2

TCOL CIGO, UAF Yank, baz=204,SNR=139, 0.65 26 P Pg 05 38 48.6

COLA College, 0.65 26 P Pg 05 38 57.2

COLA College, baz=204, 0.65 26 P Pg 05 38 48.5

COLA College, 0.65 26 P Pg 05 38 48.5

MDM Murphy Dome, 0.68 11 P Pg 05 38 49.2

HDA Harding Lake, 0.70 80 P Pg 05 38 50.4

HDA Harding Lake, comp=N,2um,0.3s, 0.70 80 IAML Pg 05 38 59.8

HDA comp=E,2um,0.2s, 0.70 80 P Pg 05 38 59.9

HDA Harding Lake, baz=260,SNR=537, 0.70 80 P Pg 05 38 49.0

HDA baz=260, 0.70 80 S Sg 05 38 58.6

HDA baz=260, 0.70 80 S Sg 05 38 58.6

PS08 TAPS Pump Stn8, 0.79 71 P Pg 05 38 50.5

IL31 0.86 55 P Pg 05 38 51.9

ILAR Eielson Array, 0.86 55 P Pg 05 38 52.0

RND Reindeer, 0.90 189 IAML Pg 05 38 53.1

RND Reindeer, comp=E,939nm,0.2s, 0.90 189 IAML Pg 05 39 08.5

RND comp=N,1um,0.3s, 0.93 338 IAML Pg 05 38 54.5

I23K Minto, Yukon-K, 0.93 338 IAML Pg 05 39 08.4

I23K Minto, Yukon-K, comp=E,1um,0.7s, 0.93 338 IAML Pg 05 39 10.2

I23K comp=N,1um,0.6s, 0.93 338 P Pg 05 38 54.5

I23K Minto, Yukon-K, baz=156,SNR=451, 0.93 338 P Pg 05 38 54.5

I23K baz=156, 0.93 338 S Sg 05 39 06.9

I23K comp=N,1um,0.6s, 0.95 29 IAML Pg 05 38 54.1

POKR Poker Plat Res, 0.95 29 IAML Pg 05 38 08.4

POKR comp=E,876nm,0.5s, 0.95 29 IAML Pg 05 39 09.3

POKR	comp=N,968nm,0.3s	0.95	29	P	Pg	05 38 54.1	-0.1
POKR	Poker Plat Res	0.95	29	P	Pg	05 38 54.1	-0.1
POKR	baz=209,SNR=57			S	Sb	05 39 07.2	-0.2
BPAW	Bear Paw Mtn.	1.09	261	P	Pg	05 38 56.7	-0.1
BPAW	Bear Paw Mtn.	1.09	261	P	Pg	05 38 56.7	-0.1
BPAW	baz=79,SNR=331			S	Sb	05 39 11.5	+0.1
TRF	Thorofare Moun	1.15	223	P	Pg	05 38 57.3	-0.6
TRF	Thorofare Moun	1.15	223	IAML		05 39 15.9	
TRF	comp=N,524nm,0.3s			IAML		05 39 16.2	
TRF	Thorofare Moun	1.15	223	P	Pg	05 38 57.4	-0.6
TRF	baz=43,SNR=76			S	Sb	05 39 13.0	-0.3
MLY	Manley	1.20	309	P	Pb	05 38 58.8	-0.2
MLY	Manley	1.20	309	IAML		05 39 16.4	
MLY	comp=N,540nm,0.5s			P	Pb	05 38 58.8	-0.2
MLY	Manley	1.20	309	P	Pb	05 38 58.8	-0.2
MLY	baz=126,SNR=172			S	Sb	05 39 14.4	-0.3
KTH	Kantishna Hill	1.29	236	P	Pn	05 38 59.6	-0.7
KTH	Kantishna Hill	1.29	236	IAML		05 39 18.3	
KTH	comp=N,478nm,0.4s			IAML		05 39 20.5	
H24K	Noodor Dome	1.58	10	P	Pn	05 39 04.2	0.0
H24K	Noodor Dome	1.58	10	IAML		05 39 27.1	
H24K	comp=E,440nm,0.8s			P	Pn	05 39 04.2	0.0
H24K	Noodor Dome	1.58	10	P	Pn	05 39 04.2	0.0
H24K	baz=189,SNR=179			Sb	Sg	05 39 26.1	-0.4
H23K	Yukon River	1.60	345	P	Pn	05 39 04.6	+0.1
H23K	Yukon River	1.60	345	P	Pn	05 39 04.6	+0.1
H23K	baz=163,SNR=116			P	Pn	05 39 04.6	+0.1
PS06	TAPS Pump Str6	1.65	343	P	Pn	05 39 05.4	+0.2
CHUM	Lake Minchumin	1.71	258	P	Pn	05 39 05.4	-0.6
CHUM	Lake Minchumin	1.71	258	P	Pn	05 39 05.4	-0.6
RIDG	Independent Ri	1.72	107	P	Pn	05 39 05.2	-1.0
RIDG	Independent Ri	1.72	107	IAML		05 39 30.5	
RIDG	comp=N,483nm,0.8s			IAML		05 39 35.1	
RIDG	Independent Ri	1.72	107	P	Pn	05 39 05.1	-1.0
RIDG	comp=E,361nm,0.6s			P	Pn	05 39 05.1	-1.0
RIDG	Independent Ri	1.72	107	P	Pn	05 39 05.1	-1.0
RIDG	baz=291,SNR=79			Sb	Sb	05 39 29.9	+0.4
I21K	Tanana	1.73	303	P	Pn	05 39 06.2	-0.1
I21K	Tanana	1.73	303	IAML		05 39 32.0	
I21K	comp=N,463nm,0.7s			P	Pn	05 39 06.1	-0.1
I21K	Tanana	1.73	303	P	Pn	05 39 06.1	-0.1
I21K	baz=119,SNR=43			Sb	Sg	05 39 30.7	-0.6
PRP	Porcupine Dome	1.78	45	P	Pn	05 39 07.0	-0.1
PRP	Porcupine Dome	1.78	45	IAML		05 39 32.3	
PRP	Porcupine Dome	1.78	45	P	Pn	05 39 07.0	-0.1
PRP	Porcupine Dome	1.78	45	P	Pn	05 39 31.8	+0.5
CAST	Castle Rocks	1.80	242	P	Pn	05 39 06.5	-0.8
CAST	comp=N,328nm,0.5s			IAML		05 39 35.3	
CAST	Castle Rocks	1.80	242	P	Pn	05 39 06.5	-0.8
CAST	comp=N,328nm,0.5s			IAML		05 39 36.6	
CAST	Castle Rocks	1.80	242	P	Pn	05 39 06.1	-1.2
CAST	comp=N,328nm,0.5s			IAML		05 39 36.6	
PAX	Paxson	1.91	133	Pn	Pb	05 39 09.6	-1.3
PAX	Paxson	1.91	133	P	Pn	05 39 09.1	+0.3
PAX	baz=316,SNR=28			Sb	Sb	05 39 35.5	+0.6
SCRK	Sand Creek	2.02	97	P	Pn	05 39 09.2	-1.1
SCRK	Sand Creek	2.02	97	P	Pn	05 39 09.3	-1.1
SCRK	baz=281,SNR=89			Sb	Sb	05 39 39.0	+0.8
DOT	Chulitna	2.05	203	Sb	Sb	05 39 39.9	+1.0
CUT	Dot Lake	2.08	106	Pn	Pn	05 39 09.8	-1.3
PPLA	Purkypile	2.15	231	Pn	Pn	05 39 11.5	-0.7
PPLA	Purkypile	2.15	231	Pn	Pn	05 39 11.5	-0.7
J26L	Joseph Creek	2.17	82	P	Pn	05 39 12.0	-0.4
H21K	Melozitna River	2.27	309	Pn	Pn	05 39 13.6	-0.2
H21K	Melozitna River	2.27	309	Pn	Pn	05 39 13.6	-0.2
H21K	baz=125,SNR=93			Sb	Sb	05 39 46.6	+1.2
HARP	HAARP	2.44	140	Pn	Pn	05 39 17.3	+1.3
HARP	HAARP	2.44	140	Pn	Pn	05 39 16.7	+0.7
M24K	Tolsona, Glenn	2.44	153	Pn	Pn	05 39 17.8	+1.7
M24K	Tolsona, Glenn	2.44	153	IAML		05 39 55.2	
M24K	comp=E,200nm,0.8s			IAML		05 40 07.4	
M24K	Tolsona, Glenn	2.44	153	P	Pn	05 39 17.6	+1.5
M24K	comp=N,196nm,0.8s			P	Pn	05 39 17.6	+1.5
J20K	Nowinta River	2.46	270	Pn	Pn	05 39 15.3	-0.9
J20K	Nowinta River	2.46	270	IAML		05 39 57.0	
J20K	Nowinta River	2.46	270	P	Pn	05 39 15.5	-0.7
J20K	Nowinta River	2.46	270	P	Pn	05 39 15.5	-0.7
SML	Sawmill	2.50	178	Pn	Pn	05 39 17.0	+0.1
SML	Sawmill	2.50	178	P	Pn	05 39 16.6	-0.3
SCM	Sheep Creek	2.53	167	Pn	Pn	05 39 17.9	+0.6
SCM	Sheep Creek	2.53	167	IAML		05 39 55.1	
SCM	comp=N,136nm,1.1s			IAML		05 40 01.6	
SCM	Sheep Creek	2.53	167	Pb	Pb	05 39 21.6	0.0
SCM	Sheep Creek	2.53	167	Sb	Sb	05 39 54.4	+1.6
GHO	Glory Hole Cre	2.54	184	IAML		05 39 17.8	+0.3
GHO	Glory Hole Cre	2.54	184	IAML		05 39 57.7	
GHO	comp=N,114nm,1.7s			IAML		05 39 57.7	
MENT	Mentasta	2.54	120	Pb	Pb	05 39 17.8	+0.3
PS11	TAPS Pump St11	2.62	147	Pn	Pb	05 39 20.9	-2.1
L26K	Log Cabin Wild	2.64	116	Pn	Pn	05 39 18.4	-0.4
M22K	Willow	2.65	197	Pn	Pn	05 39 20.5	+1.7
M22K	Willow	2.65	197	Pn	Pn	05 39 19.2	+0.3
FYU	Fort Yukon	2.67	30	Pn	Pn	05 39 19.2	+0.1
SKT	Skwentna	2.69	212	IAML		05 39 20.1	+0.6
SKT	Skwentna	2.69	212	IAML		05 40 03.2	
SKT	comp=E,135nm,0.4s			IAML		05 40 04.3	
SKT	Skwentna	2.69	212	P	Pn	05 39 19.9	+0.4
PMR	Palmer	2.72	186	Pn	Pn	05 39 20.6	+0.7
PMR	Palmer	2.72	186	IAML		05 40 09.2	
PMR	comp=N,108nm,0.9s			P	Pn	05 39 20.3	+0.4
PMR	Palmer	2.72	186	Sb	Sb	05 39 60.0	+1.6
IMAR	Indian Mountai	2.78	310	Pn	Pn	05 39 21.2	+0.5
KNK	Knik Glacier	2.89	179	IAML		05 39 23.8	+1.5
KNK	Knik Glacier	2.89	179	IAML		05 40 12.3	
KNK	comp=N,91nm,0.7s			IAML		05 40 13.3	
KNK	Knik Glacier	2.89	179	P	Pn	05 39 22.6	+0.3
SUA	Susitna One	3.02	201	Pn	Pn	05 39 25.3	+1.3
SUA	Susitna One	3.02	201	Pn	Pn	05 39 24.6	+0.5
L20K	Farewell, AK	3.02	235	Pn	Pn	05 39 22.7	-1.3
L20K	Farewell, AK	3.02	235	Pn	Pn	05 39 23.0	-1.0
COLD	Coldfoot	3.03	348	P	Pn	05 39 24.6	+0.5
COLD	Coldfoot	3.03	348	P	Pn	05 39 24.4	+0.3

KLU	Klutina	3.05	156	Pn	Pn	05 39 26.6	+2.1
KLU	Klutina	3.05	156	IAML		05 40 15.8	
KLU	Klutina	3.05	156	Pn	Pn	05 39 26.3	+1.7
M26K	Nabesna, AK	3.13	125	Pn	Pn	05 39 28.1	+2.5
EGAK	Eagle	3.22	78	Pn	Pn	05 39 25.9	-0.8
EGAK	Eagle	3.22	78	P	Pn	05 39 26.2	-0.6
L27K	Beaver Creek,	3.23	109	Pn	Pn	05 39 25.6	-1.4
L27K	Beaver Creek,	3.23	109	IAML		05 40 19.4	
L27K	comp=N,77nm,0.6s			IAML		05 40 21.8	
L27K	Beaver Creek,	3.23	109	P	Pn	05 39 25.6	-1.4
N25K	Chitina, Valde	3.24	145	Pn	Pn	05 39 29.0	+1.9
BCAR	Beaver Creek A	3.25	109	Pn	Pn	05 39 25.5	-1.7
RC01	Rabbit Creek A	3.26	190	Pn	Pn	05 39 28.3	+0.9
RC01	comp=N,87nm,1.8s			IAML		05 40 19.9	
RC01	comp=E,79nm,3.4s			IAML		05 40 26.0	
DIV	Dirt Wells	3.42	157	Pn	Pn	05 39 32.0	+2.5
PWL	Dirt Wells	3.45	178	Pn	Pn	05 39 31.7	+1.8
SPU	Mount Spurr	3.52	209	Pn	Pn	05 39 31.6	+0.7
BMAR	Burnt Mountain	3.54	26	Pn	Pn	05 39 30.2	-1.0
L19K	White Mountain	3.56	236	Pn	Pn	05 39 30.7	-0.8
L19K	White Mountain	3.56	236	P	Pn	05 39 30.4	-1.0
M27K	Edge Creek, AK	3.57	120	Pn	Pn	05 39 33.3	+1.6
M19K	Big River Lodg	3.58	231	Pn	Pn	05 39 31.8	0.0
M19K	Big River Lodg	3.58	231	P	Pn	05 39 31.5	-0.3
GLB	Gilchiana Butte	3.59	141	Pn	Pn	05 39 34.5	+2.7
TTA	Tatalina	3.61	251	Pn	Pn	05 39 30.1	-2.0
TTA	Tatalina	3.61	251	P	Pn	05 39 30.7	-1.5
FID	Port Fidalgo	3.66	164	Pn	Pn	05 39 34.8	+1.7
BMRM	Bremner River	3.80	150	Pn	Pn	05 39 35.5	+0.7
MCARA	McCarthy VSAT	3.86	137	Pn	Pn	05 39 37.5	+2.0
VRDI	Verde Repeater	3.86	140	Pn	Pn	05 39 38.1	+2.4
BVCY	Beaver Creek	3.94	115	Pn	Pn	05 39 36.0	-0.6
DAWY	Dawson	4.01	89	Pn	Pn	05 39 37.6	0.0
DAWY	comp=N,66nm,0.8s			IAML		05 40 54.9	
DAWY	Dawson	4.01	89	P	Pn	05 39 36.6	-1.0
TOLK	Toolik Lake Re	4.39	355	Pn	Pn	05 39 44.5	+1.6
TOLK	Toolik Lake Re	4.39	355	P	Pn	05 39 44.4	+1.6
EPYK	Eagle Plains	5.37	62	Pn	Pn	05 39 55.8	-0.5
EPYK	Eagle Plains	5.37	62	P	Pn	05 39 55.9	-0.4
M30M	Minto, Yukon	5.54	103	Pn	Pn	05 39 57.9	-0.8
ANM	Nome	7.29	280	P	Pn	05 40 22.6	0.0

IDC 04 05:41:30.9±2.0,8.05S:-125.69E,h0km,mb3.7/1, mb1.3/7.4,mb1mx3.5/3.4,mbtmp3.6/4,ML3.5/3,Error ellipse: s-maj=42.0km s-min=29.6km az=90.0,Timor region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
BATI	Baumata	2.93 223	Op Pn	05 42 20.5	+1.6		
BATI	8.5nm,0.3s,baz=306,slow=8.4,SNR=2.1		Sn	05 42 54.1	-0.8		
WRA	Warramunga Arr	14.14 13.7	Op Pn	05 44 56.9	-0.6		
ASAR	Alice Springs	17.41 154	P	05 45 34.9	-0.6		
MKAR	Makanarra Array	66.84 329	P	05 52 24.6	-0.1		
MKAR	0.7nm,0.6s,baz=128,slow=7.9,SNR=4.0						

NEIC 04 05:43:11.4±2.8,3.37S:149.81E,0.05,h10km,1km, mb5.1/56,Error ellipse: s-maj=13.9km s-min=4.3km az=216.0

BUI 04 05:43:11.6±0.0,3.14S:150.02E,h5km,mb5.3/24, mb4.8/53,Ms5.3/13,Ms7.5/113

MOS 04 05:43:11.5±1.7,3.52S:149.65E,h17km,mb5.1/23,Error ellipse: s-maj=15.5km s-min=7.3km az=86.3

IDC 04 05:43:11.2±0.6,3.32S:149.83E,h0km,mb4.7/21, mb1.4/7.24,mb1mx4.6/4.0,mbtmp4.6/24,ML2.8/2,MS4.6/6, MS1.4/6.6,ms1mx4.2/5.2,Error ellipse: s-maj=18.9km s-min=11.7km az=99.0

DJA 04 05:43:12.6±0.3,4.54S:15.0E,h10km,M4.8/33, mb5.4/12,mb4.9/33,MLV4.8/3,MW(MB)4.8/12

GCMT 04 05:43:16.4±0.4,3.61S:0.02±149.76E,0.03,h12km, MW5.4/75, Moment Tensor Solution. s9,c9; s75,c99; Duration: 1s2 Moment tensor: Scale 1017Nm; Mn=0.33±0.07; M90=1.01±0.05; M90=0.67±0.06; M90=0.30±0.17; M90=0.73±0.05; M90=0.93±0.18; Best double couple: M90=1.476000±0.1017 MF90=1.080000±0.86400000; λ=26.00000

KDU	Kakadu	19.23 241	P	P	05 56 52.9 -0.3	BSSI	Bau Bau, Buton	29.19 264	P	P	05 58 28.7 -1.8	DLV	T Lat	43.80 291	P	P	06 00 33.6 -1.5
	comp=Z,252nm,1.0s						comp=Z,1µm,comp=Z,43nm,0.6s					DLV	T Lat	43.80 291	P	P	06 00 36.1 +1.0
QIS	Mount Isa	19.45 210	P	Pn	05 56 56.8 +0.1	TOLIZ	Toiloli	29.27 279	P	P	05 58 28.1 -3.2	SSE	Sheshan	43.97 324	P	S	06 00 34.6 -1.4
	comp=Z,33nm,1.2s					BKSI	Bulukumba	29.51 266	P	P	05 58 32.1 -1.3	SSE			P	S	06 00 38.6 +1.6
QIS	Mount Isa	19.45 210	P	P	05 56 57.4 +0.6	WRKA	Warakuma	29.58 222	P	P	05 58 33.0 -0.9	SSE			P	S	
	comp=Z,131nm,1.2s						comp=Z,23nm,1.4s					SSE			P	S	
RK1H	Rockhampton Ha	19.62 178	P	Pn	05 56 59.0 +0.2	TTSI	Tana Toraja	29.82 270	P	P	05 58 36.9 +0.8	SSE			P	S	
	comp=Z,93nm,0.9s						comp=Z,26nm,1.2s					SSE			P	S	
BNDI	Bandanaira	19.75 267	P	P	05 56 59.6 +0.8	KAPI	Kappang	29.88 266	P	P	05 58 34.8 -1.7	SSE			P	S	
	comp=Z,10µm,comp=Z,639nm,1.3s					KAPI	comp=Z,822nm,21.0s,comp=Z,107,slow=36					SSE			P	S	
BNDI	Bandanaira	19.75 267	P	Pn	05 57 00.4 -0.3	KAPI	Kappang	29.88 266	P	P	05 58 35.9 -0.7	SSE			P	S	
	comp=Z,10µm,comp=Z,639nm,1.3s					KAPI	comp=Z,39nm,1.2s					SSE			P	S	
MTN	MTN	20.48 242	P	Iamb	05 57 05.7 -1.1	KAPI	Kappang	29.88 266	P	Iamb	05 58 35.9 -0.7	SSE			P	S	
	comp=Z,156nm,0.9s					KAPI	comp=Z,39nm,1.1s					SSE			P	S	
MTN	MTN	20.48 242	P	P	05 57 06.9 +0.1	KAPI	Kappang	29.88 266	P	Iamb	05 58 35.9 -0.7	SSE			P	S	
	comp=Z,200nm,1.2s					KAPI	comp=Z,39nm,1.1s					SSE			P	S	
DRS	Darwin Rock St	20.52 244	P	P	05 57 07.5 +0.3	MPSI	Mapaga	30.03 277	P	P	05 58 36.1 -1.9	KSR	Korea Array	45.64 336	P	P	06 00 47.7 -1.5
	comp=Z,183nm,1.0s						comp=Z,3µm,comp=Z,43nm,0.9s					KSR	comp=Z,3.0nm,0.8s,comp=Z,156,slow=9.1,SNR=11		PP		06 02 40.6 +4.2
MSAI	Masohi	20.72 270	P	P	05 57 09.3 -0.1	YLG	Mulgathing	30.32 207	P	P	05 58 41.0 +0.7	KSR	comp=Z,4.5nm,1.0s,comp=Z,154,slow=5.7,SNR=4.5	LR			06 19 28.1
	comp=Z,907nm,comp=Z,12nm,1.0s					YLG	comp=Z,52nm,1.0s					KSR	comp=Z,1µm,19.1s,comp=Z,114,slow=36	LR			
SANVU	Sarautou	20.84 125	P	Iamb	05 57 08.6 -2.1	YNG	Young	30.50 182	P	P	05 58 43.9 +2.0	KSAR	Wonju Array Be	45.65 336	P	P	06 00 47.2 -2.1
	comp=Z,184nm,1.3s					YNG	comp=Z,276nm,1.6s					KSAR	Wonju Array Be	45.65 336	P	P	06 00 47.2 -2.1
SANVU	Sarautou	20.84 125	P	Pn	05 57 14.2 +1.0	MSVF	Nonsavu	31.11 119	I	LR	06 10 23.7	ERM	Ermo	45.85 353	P	P	06 00 49.2 -1.6
	comp=Z,200nm,1.2s					MSVF	comp=Z,2.1nm,1.1s					ERM	Ermo	45.85 353	P	Iamb	06 01 06.7
EIDS	Eidsvold	21.62 177	P	P	05 57 19.7 +0.7	HTT	Hallett	31.27 198	P	P	05 58 49.9 +1.2	ERM	Ermo	45.85 353	IAMS_20	IAMS_20	06 18 09.1
	comp=Z,89nm,1.0s					HTT	comp=Z,32,SNR=5.2					NJ2	Nanjing	46.04 323	eP	S	06 00 53.0 +0.5
EIDS	Eidsvold	21.62 177	P	P	05 57 19.3 +0.4	HTT	Hallett	31.27 198	P	P	05 58 50.6 +1.9	NJ2			P	S	06 07 35.3 -1.7
	comp=Z,89nm,1.0s					CNB	Carberra Magne	31.49 181	P	P	05 58 51.5 +0.9	NJ2			P	S	
KWAJ	Kwajalein Atol	21.75 55	P	P	05 57 14.2 -6.3	CNB	Carberra Magne	31.49 181	P	P	05 58 52.2 +1.5	NJ2			P	S	
	comp=Z,435nm,1.1s					CAN	Canberra	31.50 181	P	P	05 58 50.5 -0.2	NJ2			P	S	
KWAJ	Kwajalein Atol	21.75 55	P	P	05 57 14.2 -6.3	CAN	Canberra	31.50 181	P	P	05 58 50.5 -0.2	NJ2			P	S	
	comp=Z,5µm,21.0s					CAN	comp=Z,66nm,1.2s					NJ2			P	S	
KWAJ	Kwajalein Atol	21.75 55	P	P	05 57 24.2 +3.7	CAN	Canberra	31.50 181	P	Iamb	05 58 50.5 -0.2	LHSI	Lahat	46.06 268	P	P	06 00 51.7 -1.3
WBO	Warramunga Arr	21.88 222	P	Iamb	05 57 20.8 -1.1	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN	Inchon	46.21 334	P	P	06 00 51.3 -2.5
	comp=Z,169nm,1.2s					CAN	comp=Z,8µm,19.0s					INCN			P	P	
WRO	Warramunga Arr	21.92 221	P	Iamb	05 57 21.3 -1.0	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,193nm,1.3s					CAN	comp=Z,8µm,19.0s					INCN			P	P	
KOUNC	Koumac, New Ca	22.00 141	P	P	05 57 27.0 +3.9	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
WRAB	Tennant Creek	22.02 222	eP	P	05 57 22.6 -0.8	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,225nm,2.5s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
WRAB	Tennant Creek	22.02 222	P	Iamb	05 57 23.1 -0.4	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,114nm,0.9s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
WC3	Warramunga Arr	22.03 221	P	P	05 57 23.3 -0.2	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,114nm,0.9s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
WB2	Warramunga Arr	22.03 222	P	Iamb	05 57 22.9 -0.6	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,100nm,0.9s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
WRA	Warramunga Arr	22.04 222	P	P	05 57 23.1 -0.5	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,28nm,0.9s,comp=Z,40,slow=11,SNR=36					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
WRA	Warramunga Arr	22.04 222	P	P	06 01 22.7 +1.2	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,0.9nm,0.5s,comp=Z,26,slow=1.8,SNR=4.9					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
WRA	Warramunga Arr	22.04 222	P	P	05 57 22.1 -1.5	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,5µm,20.9s,comp=Z,30,slow=38					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
WRA	Warramunga Arr	22.04 222	P	P	06 01 22.7	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,13nm,0.9s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
WRA	Warramunga Arr	22.04 222	P	P	05 57 22.1 -1.5	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,13nm,0.9s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
LBMI	Labuha	22.37 277	P	P	05 57 27.4 +0.2	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,2µm,comp=Z,160nm,1.5s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
RMQ	Roma	22.71 182	P	P	05 57 31.4 +0.8	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,23,SNR=27					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
RMQ	Roma	22.71 182	P	P	05 57 31.2 +0.5	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,91nm,1.0s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
QLP	Quilpie	23.38 192	P	P	05 57 38.6 +1.1	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,24,SNR=15					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
QLP	Quilpie	23.38 192	P	P	05 57 38.3 +0.8	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,263nm,1.5s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
SANI	Sanana	23.72 273	P	P	05 57 40.5 -0.5	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,2µm,comp=Z,65nm,2.1s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
SANI	Sanana	23.72 273	P	P	05 57 40.6 -0.4	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,2µm,comp=Z,65nm,2.1s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
KNRA	Kunururra	23.79 238	P	P	05 57 41.3 -0.4	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,2µm,comp=Z,65nm,2.1s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
KNRA	Kunururra	23.79 238	P	Iamb	05 57 40.0 -1.7	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,68nm,1.1s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
KNRA	Kunururra	23.79 238	P	P	05 57 41.2 -0.5	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,68nm,1.1s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
LIFNC	Lifou	24.11 136	P	P	05 57 42.4 -2.2	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,77nm,1.9s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
LIFNC	Lifou	24.11 136	P	P	05 57 43.7 -0.9	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,77nm,1.9s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
NOUC	Port Laguerre	24.41 140	P	P	05 57 47.2 -0.1	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,346nm,1.8s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
DZM	Mont Dzumac	24.48 140	eP	LQ	06 02 48.2	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,11µm,28.5s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
DZM	Mont Dzumac	24.48 140	P	LR	06 03 50.8	CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
	comp=Z,16µm,25.1s					CAN	Canberra	31.50 181	P	Iamb	05 58 53.6	INCN			P	P	
DZM	Mont Dzumac	24.48 140	P	P	0												

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like NZL, QNZ, THZ, KHZ, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like MKAR, ZALV, KURBB, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like PSA00, FITZ, LBMI, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like BATA, FITZ, WRA, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like BNSI, BSSI, BSAI, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like BNSI, BSSI, BSAI, etc.

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Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like IRK Irkutsk, SEM Semipalatinsk, MDJ Mudanjiang, etc.

2015 NOV

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like ONI Oni, NCK Nalchik, NEY Neytrino, etc.

4d 8h

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like OBN Orsk, TIXI Tiksi, SEY Seymchan, etc.

4d 8h

2015 NOV

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like UPP Sopoth, VNA Vanda, OBKA Obir, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like IMAR Indian Mountain, H2K1 Melozitna River, L19K White Mountain, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like ZARC Zaragoza, CAUC, ROSC El Rosal, OTAV Otavalo, etc.

Table with columns: FITZ, FITZ, FITZ, DCZ, DCZ, MJAR, HHC, HHC, HHC, PETK, PETK, SONM, VVDA, VVDA, VVDA, WMQ, MK31, MKAR, MKAR, ILAR, YAH, M27K, BMAR, TORD. Includes station names, times, and phases.

UPP 04 12:00:37.3:0.1, 58.99N:18.20E, h0km, ML2.5, Explosion DKK 04 12:00:37.6:0.4, 58.99N:18.20E, h0km, ML2.6(UPP), Explosion

IDD 04 12:00:41.4:2.9, 59.22N:18.14E, h0km, mb1 3.1/3, mb1mx2.9/49, mbtmp2.9/3, ML1.9/3, Error ellipse: s-maj=35.9km s-min=9.7km az=179.0

ISC 04 12:00:36.8:0.9, 58.98N:0.003:18.23E:0.03, h0km, n30, az=71/37, Baltic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like NYNU, NRTU, VIKU, ESKU, FIBU, etc.

NNC 04 12:17:13.4:1.8, 36.93N:70.58E, h0km, mb3.9, mpv3.5, 1C-1D, Error ellipse: s-maj=37.4km s-min=32.6km az=166.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like KK31, AAK, AAK, TMK2, TMK2.

IDD 04 12:27:47.4:1.2, 7.96S:125.43E, h0km, mb4.0/4, mb1 4.2/8, mb1mx3.8/41, mbtmp4.1/8, ML4.0/4, MS3.2/2, Ms1 3.2/2, ms1mx2.6/35, Error ellipse: s-maj=47.8km s-min=19.1km az=73.0

NEIC 04 12:27:48.4:0.8, 8.00S:0.05:125.31E:0.08, h10km, n1km, mb4.4/7, Error ellipse: s-maj=15.5km s-min=5.2km az=61.0

DJA 04 12:27:48.6:1.2, 8.5S:12.5E, h10km, M3.9/4, mb4.2/1, MLV3.8/4

ISC 04 12:27:50.0:0.6, 8.11S:0.06:125.40E:0.08, h26km, n43, az=194/41, mb4.1/8, Timor region

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

Table with columns: WRA, WRA, WRA, WB2, WRO, AS31, ASAR, ASAR, ASAR, LEM, PMG, FORT, CMAR, CMAR, USA0B, WHZ, MKAR, MKAR, MKAR, PETK, KBL, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, GQSA. Includes station names, times, and phases.

IDD 04 12:32:37.2:1.7, 7.97S:125.43E, h0km, mb3.7/2, mb1 3.9/6, mb1mx3.6/41, mbtmp3.7/6, ML3.6/4, Error ellipse: s-maj=53.0km s-min=26.9km az=74.0

ISC 04 12:32:43.0:1.4, 8.3S:0.1:125.5E:0.1, h35km, n6, az=84/9, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like BADI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR, VVDA.

NEIC 04 12:36:16.6:1.1, 52.7N:0.1:175.2E:0.1, h139km, 6km, mb4.4/51, Error ellipse: s-maj=20.4km s-min=11.6km az=179.0

IDD 04 12:36:19.2:1.2, 52.79N:175.17E, h136km, 8km, mb3.9/20, mb1 3.9/23, mb1mx3.7/54, mbtmp4.3/23, Error ellipse: s-maj=22.5km s-min=11.3km az=159.0

ISC 04 12:36:15.4:0.7, 52.82N:0.1:175.28E:0.05, h100km, n105, az=102/103, mb4.3/50, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like SMY, SMY, ADK, PEAOB, PETK, PETK, SEY, O19K, L19K, OHAK, OHAK, KDAK, KDAK, J20K, BRLL, IMAR, H24K, KTH, TRF, MLY, KNK, BWN, SML, RND, RND, I23K, H23K, H23K, WCM, WRM, MDM, MDM, L31, L31, ILAR, ILAR, PAX, PAX, TOLK, TOLK, PRP, DOT, SCRK, SCRK, FYU, FYU, BMAR, L27K, L27K.

Table with columns: BCAR, DAWY, YAK, KLR, TIXI, INK, USRK, A36M, A36M, JWT, H112, H113, H111, H115, H115, H115, H115, EUNU, EUNU, NRIK, SONM, SONM, SONM, HHC, HHC, HHC, SPITS, ZALV, GTA, GTA, GTA, SUMC, KURK, WMQ, ARCES, ARCES, MK31, MK31, MKAR, MKAR, MKAR, MAKZ, LEMT, BRVK, ARU, ARU, ARU, ARU, AAK, AAK, FINES, ABKAR, ABKAR, ABKAR, ABKAR, NOA, NOA, NOA, BTK, BTK, CHTO, CMAR, TAPN, GAR, GUN, JIRN, RAMM, PKI, PKIN, DANN, KOLN, PYUN, AKAS, AKAS, AKAB, AKAB, LANS, WRA, BRTR, BOSB, WRA. Includes station names, times, and phases.

4d 13h

TYV	comp=E,18nm,1.4s		smax	smax	
TYV	comp=N,300nm,5.2s		smax	smax	
TYV	comp=E,400nm,5.2s		smax	smax	
TYV	Tymovskoe	7.80 344	eP	AMB	Pn
TYV	comp=E,19nm,1.0s		AMB	AMB	13 49 42.8
TYV	comp=E,400nm,3.6s		eS	Sn	13 51 05.4 -2.0
TYV	comp=E,17nm,1.0s		A	A	13 51 06.6
JSD	comp=E,17nm,1.0s		Pn	Pn	13 49 42.6 -0.4
JYT	Sado	7.96 230	Pn	Pn	13 49 42.7 -2.4
MAJO	Matsushiro	9.10 224	Pn	Pn	13 49 58.2 -0.3
MAJO	Matsushiro	9.10 224	Pn	Pn	13 49 58.2 -0.3
MAT	Matsushiro	9.10 224	Pn	Pn	13 49 57.0 -1.5
MAT	Matsushiro	9.10 224	eS	Sn	13 51 35.4 -3.7
MJAR	Matsushiro Arr	9.10 224	P	Pn	13 49 57.5 -1.0
MJAR	comp=E,0.5nm,0.3s,baz=30,slow=13,SNR=35		LR	LR	13 53 46.1
MJAR	comp=E,148nm,21.2s,baz=50,slow=39		LR	LR	13 53 46.1
MJAR	Matsushiro Arr	9.10 224	Pn	Pn	13 49 58.2 -0.3
MJAR	Matsushiro Arr	9.10 224	Pn	Pn	13 49 58.2 -0.3
GRNR	Gornyy	9.85 322	iP	PN	13 50 09.6 +1.1
GRNR	comp=Z,2.0nm,0.6s		MLR	MLR	
GRNR	comp=E,160nm,19.0s		MLR	MLR	
GRNR	comp=N,80nm,20.0s		MLR	MLR	
GRNR	comp=Z,200nm,13.0s		MLR	MLR	
GRNR	Gornyy	9.85 322	eP	AMB	13 50 09.6 +1.1
GRNR	comp=Z,2.0nm,0.6s		AMB	AMB	13 50 10.8
USA0B	Ussuriysk Arra	10.18 279	PN	PN	13 50 14.1 +1.1
USA0B	Ussuriysk Arra	10.18 279	PN	PN	13 50 14.1 +1.1
USA0B	Ussuriysk Arra	10.18 279	PN	PN	13 50 13.3 +0.3
USRK	Ussuriysk Ar.	10.18 279	PN	PN	13 50 13.8 +0.8
USRK	Ussuriysk Ar.	10.18 279	PN	PN	13 50 13.8 +0.8
JGF	Kuroka	10.26 224	Pn	Pn	13 50 12.6 -1.8
OKH	Okha	10.36 350	eP	Pn	13 50 18.1 +2.7
INU	Inuyama	10.63 224	Pn	Pn	13 50 18.5 -0.9
HJH	Hachijo jima 2	11.37 208	P	Pn	13 50 26.8 -2.5
HJH	comp=Z,9.5nm,0.3s,baz=86,slow=22,SNR=5.1		S	Sn	13 52 24.5 -1.0
HJH	comp=Z,55nm,0.3s,baz=255,slow=20,SNR=10.0		LR	LR	13 55 31.1
KLR	Kul'dur	11.45 306	P	Pn	13 50 30.9 +0.6
KLR	comp=Z,0.2nm,0.3s,baz=100,slow=16,SNR=5.3		Pn	Pn	13 50 30.9 +0.6
KLR	Kul'dur	11.45 306	eP	Pn	13 50 30.1 -0.2
JWT	Wachi	11.54 229	P	Pn	13 50 32.1 +0.6
MDJ	Mudanjiang	11.89 282	Pn	Pn	13 50 35.8 -0.4
PEA0B	Petrovavlovsk-	12.43 35	PN	PN	13 50 42.0 -1.3
PEA0B	Petrovavlovsk-	12.43 35	PN	PN	13 50 42.0 -1.3
PETK	Petrovavlovsk-	12.43 35	PN	PN	13 50 40.8 -2.5
PETK	Petrovavlovsk-	12.43 35	PN	PN	13 50 40.8 -2.5
PETK	Petrovavlovsk-	12.43 35	PN	PN	13 50 41.5 -1.8
PETK	Petrovavlovsk-	12.43 35	PN	PN	13 50 41.5 -1.8
PET	Petrovavlovsk	12.77 37	Pn	Pn	13 50 48.1 +0.3
CN2	Changchun	14.91 279	eP	Pn	13 51 13.7 -1.9
CN2	comp=Z,10.0nm,0.6s		pmax	pmax	
KSRS	Korea Arr	14.99 253	P	Pn	13 51 16.1 -0.7
KSRS	comp=Z,0.2nm,0.3s,baz=57,slow=13,SNR=8.9		LR	LR	13 56 53.9
KSCS	Chichijima	16.57 192	P	Pn	13 51 34.7 -1.7
KSCS	comp=Z,2.6nm,0.3s,baz=252,slow=19,SNR=1.8		S	Sn	13 54 27.1 -1.3
SNY	Shenyang	16.59 272	iP	P	13 51 38.3 +0.9
SNY	comp=Z,12nm,0.3s,baz=293,slow=22,SNR=6.1		pmax	pmax	
HIA	Hailar	19.01 297	iP	P	13 52 03.1 -0.9
SEY	Seymchan	19.71 9	P	P	13 52 11.2 -2.4
SEY	comp=Z,2nm,0.3s,baz=202,slow=12,SNR=1.6		P	P	13 52 11.2 -2.4
YAK	Yakutsk	21.00 338	P	P	13 52 21.1 -4.2
YAK	Yakutsk	21.00 338	eP	S	13 52 21.2 -4.2
YAK	Yakutsk	21.00 338	eS	S	13 56 09.2 -4.3
YAK	Yakutsk	21.00 338	eS	S	13 56 23.0
YAK	Yakutsk	21.00 338	eS	S	14 03 35.9
YAK	comp=Z,15nm,0.8s		pmax	pmax	
YAK	comp=N,3.0nm,1.0s		pmax	pmax	
YAK	comp=E,3.0nm,1.0s		smax	smax	
YAK	comp=N,84nm,2.3s		smax	smax	
YAK	comp=E,17nm,1.9s		smax	smax	
BJI	Beijing	22.47 272	P	S	13 52 41.0 -0.1
BJI	Beijing	22.47 272	S	S	13 56 44.3 +3.5
BJI	Beijing	22.47 272	P	pmax	pmax
BJI	Beijing	22.47 272	P	pmax	pmax
BJI	Beijing	22.47 272	P	pmax	pmax
BJT	Baijiatuu	22.48 272	P	P	13 52 40.9 -0.3
BJT	Baijiatuu	22.48 272	P	P	13 52 40.9 -0.3
TIA	Taian	23.25 262	P	P	13 52 48.2 -0.7
TIA	Taian	23.25 262	P	P	13 52 48.2 -0.7
NJ2	Nanjing	24.18 251	eP	P	13 53 00.6 +3.4
NJ2	Nanjing	24.18 251	eP	P	13 53 00.6 +3.4
BOD	Bodaibo	24.61 317	eP	P	13 52 58.0 -2.9
BOD	Bodaibo	24.61 317	eP	P	13 52 58.0 -2.9
HHC	Hu-ho-hao-te	25.57 276	eP	P	13 53 11.6 +1.6
HHC	Hu-ho-hao-te	25.57 276	eP	P	13 53 11.6 +1.6
HHC	Hu-ho-hao-te	25.57 276	eP	P	13 53 11.6 +1.6
ULN	Ulanbaatar	27.40 293	eP	P	13 53 26.3 -0.1
ULN	Ulanbaatar	27.40 293	eP	P	13 53 26.3 -0.1
ULN	Ulanbaatar	27.40 293	eP	P	13 53 27.1 +0.7
ULN	Ulanbaatar	27.40 293	eP	P	13 53 28.3
ULN	Ulanbaatar	27.40 293	eP	P	13 53 26.3 -0.1
ULN	Ulanbaatar	27.40 293	eP	P	13 53 31.2 +0.9
SOMM	Songino Array	27.85 293	P	P	13 53 31.5 +1.2
SOMM	Songino Array	27.85 293	P	P	13 53 31.5 +1.2
SOMM	Songino Array	27.85 293	P	P	13 53 31.5 +1.2
SOMM	Songino Array	27.85 293	P	P	13 53 31.5 +1.2
SOMM	Songino Array	27.85 293	P	P	13 53 31.5 +1.2
H1N12	WAKE ISLAND Hy	29.39 137	T	T	14 24 54.4
H1N12	WAKE ISLAND Hy	29.39 137	T	T	14 24 54.4
H1N11	WAKE ISLAND Hy	29.41 137	T	T	14 24 56.1
H1N11	WAKE ISLAND Hy	29.41 137	T	T	14 24 56.1
H1N13	WAKE ISLAND Hy	29.41 137	T	T	14 24 57.6
TLY	Talaya	29.54 349	eP	LR	14 05 09.5
TIXI	Tiksi	29.54 349	P	P	13 53 40.4 -4.5
TIXI	Tiksi	29.54 349	P	P	13 53 39.9 -5.0
ZAK	Zakamensk	29.69 299	eP	pmax	13 53 46.9 +0.3
ZAK	Zakamensk	29.69 299	eP	pmax	13 53 46.9 +0.3
ZAK	Zakamensk	29.69 299	eP	pmax	13 53 46.9 +0.3
ZAK	Zakamensk	29.69 299	eP	pmax	13 53 46.9 +0.3
ZAK	Zakamensk	29.69 299	eP	pmax	13 53 46.9 +0.3
GUMO	Guam	29.73 182	LR	LR	13 47 45.8
GUMO	Guam	29.73 182	LR	LR	13 47 45.8
H1S11	WAKE ISLAND Hy	30.34 138	T	T	14 25 57.9
H1S11	WAKE ISLAND Hy	30.34 138	T	T	14 25 57.9
H1S13	WAKE ISLAND Hy	30.34 138	T	T	14 25 57.2
H1S13	WAKE ISLAND Hy	30.34 138	T	T	14 25 55.5
H1S12	WAKE ISLAND Hy	30.34 138	T	T	14 25 55.5
LZH	Lanzhou	32.96 272	iP	P	13 54 17.2 +1.6
LZH	Lanzhou	32.96 272	iP	P	13 54 17.2 +1.6
LZH	Lanzhou	32.96 272	iP	P	13 54 15.6 +3.2
LZH	Lanzhou	32.96 272	iP	P	13 59 20.9 -5.8

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LZH	comp=Z,25nm,1.3s		pmax	pmax	
LZH	comp=Z,160nm,6.0s		pmax	pmax	
GTA	Goatai	34.54 280	iP	P	13 54 29.9 +0.7
GTA	Goatai	34.54 280	iP	P	13 54 48.8 -2.5
GTA	Goatai	34.54 280	iP	P	13 54 57.0 -5.5
GTA	Goatai	34.54 280	iP	P	13 54 57.0 -5.5
CD2	Chengdu	35.55 264	P	P	13 54 37.9 +0.1
CD2	Chengdu	35.55 264	P	P	13 54 37.9 +0.1
GCSA	Galena City Sc	37.97 36	P	P	13 54 58.5 +0.6
GCSA	Galena City Sc	37.97 36	P	P	13 54 58.5 +0.6
O18K	Kokuh Hills	38.58 44	P	P	13 55 04.2 +1.1
O18K	Kokuh Hills	38.58 44	P	P	13 55 04.2 +1.1
P18K	Big Mountain,	38.58 45	P	P	13 55 03.7 +0.6
P18K	Big Mountain,	38.58 45	P	P	13 55 03.7 +0.6
CHIR	Chirikof Islan	38.65 50	P	P	13 55 03.6 0.0
CHIR	Chirikof Islan	38.65 50	P	P	13 55 03.6 0.0
N19K	Chukotka Creek	38.91 42	P	P	13 55 06.1 +0.1
N19K	Chukotka Creek	38.91 42	P	P	13 55 06.1 +0.1
O19K	Port Alsworth	39.01 43	P	P	13 55 07.0 +0.4
O19K	Port Alsworth	39.01 43	P	P	13 55 07.0 +0.4
J20K	Nowinta River	39.11 37	P	P	13 55 08.3 +0.9
J20K	Nowinta River	39.11 37	P	P	13 55 08.3 +0.9
J20K	Nowinta River	39.11 37	P	P	13 55 08.3 +0.9
J20K	Nowinta River	39.11 37	P	P	13 55 08.3 +0.9
NRIK	Noril'sk	39.16 331	iP	P	13 55 08.1 +0.4
NRIK	Noril'sk	39.16 331	iP	P	13 55 08.1 +0.4
NRIK	Noril'sk	39.16 331	iP	P	13 55 08.1 +0.4
NRIK	Noril'sk	39.16 331	iP	P	13 55 08.1 +0.4
L20K	Farewell, AK	39.19 40	P	P	13 55 09.1 +0.9
L20K	Farewell, AK	39.19 40	P	P	13 55 09.1 +0.9
IMAR	Indian Mountai	39.39 34	P	P	13 55 10.8 +1.0
Q19K	Cape Douglas,	39.42 45	P	P	13 55 10.4 +0.3
Q19K	Cape Douglas,	39.42 45	P	P	13 55 10.5 +0.3
Q19K	Cape Douglas,	39.42 45	P	P	13 55 10.5 +0.3
KMI	Kunming	39.64 257	iP	P	13 55 13.6 +1.1
KMI	Kunming	39.64 257	iP	P	13 55 13.6 +1.1
KMI	Kunming	39.64 257	iP	P	13 55 13.6 +1.1
H21K	Melozitna Rive	39.76 35	P	P	13 55 12.8 0.0
H21K	Melozitna Rive	39.76 35	P	P	13 55 12.8 0.0
H21K	Melozitna Rive	39.76 35	P	P	13 55 12.8 0.0
H21K	Melozitna Rive	39.76 35	P	P	13 55 12.8 0.0
H21K	Melozitna Rive	39.76 35	P	P	13 55 13.9 +1.1
RSO	Redoubt South	39.78 43	P	P	13 55 14.8 +1.5
RSO	Redoubt South	39.78 43	P	P	13 55 14.8 +1.5
DGZ	Jazzator, Alta	39.88 300	iP	P	13 55 15.4 +1.2
DGZ	Jazzator, Alta	39.88 300	iP	P	13 55 15.4 +1.2
PPLA	Purkeypile	39.97 39	P	P	13 55 14.4 -0.3
PPLA	Purkeypile	39.97 39	P	P	13 55 22.9
PPLA	Purkeypile	39.97 39	P	P	13 55 22.9
PPLA	Purkeypile	39.97 39	P	P	13 55 22.9
CAST	Castle Rocks	40.01 38	P	P	13 55 15.5 +0.6
CAST	Castle Rocks	40.01 38	P	P	13 55 17.3
CAST	Castle Rocks	40.01 38	P	P	13 55

4d 15h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Saint Roch-des, Sainte Mathild, Baie Comeau, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Central Park, Scipio Center, Binjant, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Yellville, Mount Ida, Key Shedlock, etc.

NEIC 04 16:38:49.1±0.7,36.921n2i:0.009:97.84W:0.01,h5km,3km, Error ellipse: s-maj=1.6km s-min=1.1km az=128.0

TUL 04 16:38:48.8±1.1,36.944n:0.009:97.84W:0.01,h3km,6km, ML3.2,mb_Lg2.639(NEIC),ML2.722(NEIC),Error ellipse: s-maj=1.6km s-min=1.2km az=111.0,Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like T35A, FNO, U32A, etc.

IDC 04 16:41:18.1±2.1,4.55S:151.67E,h0km,mb3.7/4, mb1.4/0.5,mb1mx3.5/2,mbtmp3.8/5,ML1.5/1, Error ellipse: s-maj=136.7km s-min=23.1km az=128.0

ISC 04 16:41:19.7±2.3,4.55±0.6:151.6±0.8,h10km,n6,±024/7, mb3.7/4,New Britain region

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

IDC 04 16:48:28.3±1.1,8.12S:125.28E,h0km,mb4.0/5, mb1.4/2.0,mb1mx3.4/2,mbtmp4.0/10,ML3.8/5,MS3.1/4, MS1.3/1.4,ms1mx2.7/31, Error ellipse: s-maj=30.9km s-min=18.3km az=87.0

NEIC 04 16:48:30.7±2.7,8.15S:0.07:124.97E:0.08,h10km,1km, mb4.3/6, Error ellipse: s-maj=15.1km s-min=10.5km az=61.0

DJA 04 16:48:31.0±2.8,S:3.3°12'5E, h10km,M4.3/15,mB4.8/5, mb4.4/15,MLv4.3/10,Mw(mB)4.1/5

ISC 04 16:48:31.6±0.6,8.28S:125.07E:0.06,h24km,n52, ±204/56,mb4.2/8,Tamor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SOEI, BATI, KAPI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FITZ, TOLJ, WRAB, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like STKA, CM31, CM31, etc.

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

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

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

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

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

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

IDC 04 16:50:45.8±0.7,28.57S:178.17W,h198km,5km,mb3.4/7, mb1.3/7.8,mb1mx3.5/2,mbtmp4.0/8, Error ellipse: s-maj=24.8km s-min=18.7km az=86.0

ISC 04 16:50:41.9±0.8,28.62S:0.07:179.77W:0.10,h150km, n41,±279/54,mb3.7/7,Kermadec Islands region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like KAMA, TNCU, TNCU, ANDI, SDRH, etc.

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

NEIC 04 17:17:50.1+2.0, 5.51S:0.08.152.8E:0.1, h33km,8km, mb4.2/10, Error ellipse: s-maj=19.4km s-min=11.7km

DJA 04 17:17:53.0+0.9, 5.51S:1.15E:1.1, h46km,8km, M4.6/9, mb4.5/1, mb4.3/9, MLV4.7/2, Mw(mb)3.7/1

ISC 04 17:17:54.7+4.4, 5.52S:152.60E, h68km,41km, mb3.6/11, mb1.3/8.13, mb1mx3.6/4.0, mbtmp3.9/13, ML2.8/2, MS3.3/7, Ms1.3/3.7, ms1mx3.0/3.3, Error ellipse: s-maj=24.7km

ISC 04 17:17:51.3+0.7, 5.43S:0.07.152.70E:0.10, h40km, n36, r134/33, mb4.0/16, MS3.3/7, New Britain region

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

MDD 04 17:39:43.7+1.6, 36.09N:1.48E, h21km,5km, mb3.6/4, Error ellipse: s-maj=18.6km s-min=8.2km az=119.0, PRXIMO

CRAAG 04 17:39:43.9, 36.15N:1.21E, M2.5, ISC 04 17:39:44.0+1.8, 36.29N:0.08.115E:0.06, h3km,19km, n20, r139/26, Northern Algeria

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

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

MAN 04 17:44:17.4, 5.88N:127.01E, h65km, mb4.5, ML3.3, MS3.1, DJA 04 17:44:19.6+1.1, 6.1N:8.12E, h122km,18km, M4.0/8, mb3.9/6, mb4.7/5, MLV4.1/8, Mw(mb)3.9/5

ISC 04 17:44:21.2+1.9, 6.12N:127.00E, h106km,16km, mb3.4/12, mb1.3/5.13, mb1mx3.3/6.4, mbtmp3.8/13, Error ellipse: s-maj=39.1km s-min=10.5km az=62.0

ISC 04 17:44:20.3+0.7, 6.03N:108.126E:0.1, h100km, n22, r173/25, mb3.7/12, 2C, Mindanao

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

BGR 04 18:10:18.0+0.7, 17.15S:179.00E, h33km, NOU 04 18:10:20.5, 15.12S:174.51W, h0km, MLV5.3/7, Tonga Islands

NEIC 04 18:10:26.3+1.3, 15.00S:0.03.174.14W:0.09, h84km,6km, mb4.5/4, Error ellipse: s-maj=12.0km s-min=4.2km

ISC 04 18:10:26.1+2.2, 15.01S:174.15W, h85km,20km, mb3.9/12, mb1.4/1.4, mb1mx3.9/3.5, mbtmp4.2/14, MS3.3/12, Ms1.3/3.12, ms1mx3.1/4.9, Error ellipse: s-maj=24.9km

ISC 04 18:10:24.8+0.4, 15.09S:0.06.174.13W:0.07, h73km, n100, r154/82, mb4.5/33, 5C-5D, Tonga Islands

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

MAN 04 18:11:47.0, 7.35N:125.68E, h33km, mb4.0, ML2.8, MS2.4, Mindanao

ISC 04 18:12:11.2+1.5, 8.35S:0.1.125.4E:0.1, h35km, n5, r39/14/8, Timor region

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

ISC 04 18:17:58.4+2.0, 8.09S:125.50E, h0km, mb3.5/1, mb1.3/6.5, mb1mx3.3/3.4, mbtmp3.3/5, ML3.3/4, Error ellipse: s-maj=43.0km s-min=26.5km az=86.0

ISC 04 18:18:04.1+1.5, 8.45S:0.1.125.6E:0.1, h35km, n5, r29/24/9, Timor region

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

MAN 04 18:11:47.0, 7.35N:125.68E, h33km, mb4.0, ML2.8, MS2.4, Mindanao

ISC 04 18:12:05.8+2.0, 8.04S:125.23E, h0km, mb3.3/1, mb1.3/4.5, mb1mx3.3/3.4, mbtmp3.3/5, ML3.3/4, Error ellipse: s-maj=43.0km s-min=26.5km az=86.0

ISC 04 18:12:11.2+1.5, 8.35S:0.1.125.4E:0.1, h35km, n5, r39/14/8, Timor region

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

ISC 04 18:17:58.4+2.0, 8.09S:125.50E, h0km, mb3.5/1, mb1.3/6.5, mb1mx3.3/3.4, mbtmp3.3/5, ML3.3/4, Error ellipse: s-maj=43.0km s-min=26.5km az=86.0

ISC 04 18:18:04.1+1.5, 8.45S:0.1.125.6E:0.1, h35km, n5, r29/24/9, Timor region

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

ISC 04 18:18:04.1+1.5, 8.45S:0.1.125.6E:0.1, h35km, n5, r29/24/9, Timor region

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

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

ISC 04 18:55:50.3, 3.5, 87S: 129.42E, h339km, 4.7km, mb2.7/1, mb1 2.8/4, mb1mx2.6/36, mbtrmp3.5/4, Error ellipse: s-maj=85.6km s-min=14.2km az=74.0

ISC 04 19:06:31.1, 1.6, 44: 98N: 146.37E, h192km, 4.4km, mb3.3/13, mb1 3.4/19, mb1mx3.3/58, mbtrmp3.8/19, Error ellipse: s-maj=16.6km s-min=11.9km az=109.0

JMA 04 19:06:31.6, 0.4, 44: 70N: 146.46E, h197km, 3.3km, M4.0 NIED 04 19:06:31.7, 44: 70N: 146.46E, h197km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mr=5.90; Mw=5.4; Mo=0.36; Mo=1.87; Mo=2.36; Mo=4.98; Fault plane solution: Mo=1000.0/10^14 NP1: o=3.18, 0.00000, 6.65, 0.00000, 1.65, 0.00000. NP2: o=90.00000, 8.34, 0.00000, 1.13, 0.00000.

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

MOS 04 19:06:20.9, 1.6, 43: 15N: 149.22E, h59km, mb4.3/1, Error ellipse: s-maj=14.1km s-min=12.2km az=50.3

NEIC 04 19:06:31.5, 1.4, 44: 38N: 0.07, 146.46E, 0.1, h191km, 3.6km, mb4.2/28, Error ellipse: s-maj=16.5km s-min=5.4km az=122.0

ISC 04 19:06:31.1, 1.6, 44: 98N: 146.37E, h192km, 4.4km, mb3.3/13, mb1 3.4/19, mb1mx3.3/58, mbtrmp3.8/19, Error ellipse: s-maj=16.6km s-min=11.9km az=109.0

JMA 04 19:06:31.6, 0.4, 44: 70N: 146.46E, h197km, 3.3km, M4.0 NIED 04 19:06:31.7, 44: 70N: 146.46E, h197km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mr=5.90; Mw=5.4; Mo=0.36; Mo=1.87; Mo=2.36; Mo=4.98; Fault plane solution: Mo=1000.0/10^14 NP1: o=3.18, 0.00000, 6.65, 0.00000, 1.65, 0.00000. NP2: o=90.00000, 8.34, 0.00000, 1.13, 0.00000.

SKHL 04 19:06:31.1, 1.6, 43: 60N: 148.00E, h123km, 9.9km, mb4.9/5, msh5.5/4

ISC 04 19:06:30.6, 0.6, 44: 80N: 0.07, 146.43E, 0.06, h197km, 6.6km, n104, o1912/112, mb4.0/27, 5C-1D, Kuril Islands

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

MOS 04 19:06:20.9, 1.6, 43: 15N: 149.22E, h59km, mb4.3/1, Error ellipse: s-maj=14.1km s-min=12.2km az=50.3

NEIC 04 19:06:31.5, 1.4, 44: 38N: 0.07, 146.46E, 0.1, h191km, 3.6km, mb4.2/28, Error ellipse: s-maj=16.5km s-min=5.4km az=122.0

ISC 04 19:06:31.1, 1.6, 44: 98N: 146.37E, h192km, 4.4km, mb3.3/13, mb1 3.4/19, mb1mx3.3/58, mbtrmp3.8/19, Error ellipse: s-maj=16.6km s-min=11.9km az=109.0

JMA 04 19:06:31.6, 0.4, 44: 70N: 146.46E, h197km, 3.3km, M4.0 NIED 04 19:06:31.7, 44: 70N: 146.46E, h197km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mr=5.90; Mw=5.4; Mo=0.36; Mo=1.87; Mo=2.36; Mo=4.98; Fault plane solution: Mo=1000.0/10^14 NP1: o=3.18, 0.00000, 6.65, 0.00000, 1.65, 0.00000. NP2: o=90.00000, 8.34, 0.00000, 1.13, 0.00000.

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

NNC 04 19:11:48.7, 3.4, 37: 60N: 71.48E, h130km, 7.1km, mb3.3, mpv4.0, Error ellipse: s-maj=30.9km s-min=19.8km az=159.0

ISC 04 19:11:49.3, 5.3, 37: 74N: 71.03E, h102km, 2.8km, mb3.7/2, mb1 3.4/8, mb1mx3.0/54, mbtrmp3.7/8, Error ellipse: s-maj=72.2km s-min=18.0km az=151.0

ISC 04 19:11:42.5, 0.8, 37: 23N: 0.07, 71.52E, 0.06, h106km, n32, o26/39, 5C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML, UCH, EKS2, etc.

ISC 04 19:24:18.1, 3.7, 4.60S: 137.26E, h0km, mb3.5/1,

ISC 04 19:24:18.1, 3.7, 4.60S: 137.26E, h0km, mb3.5/1,

NEIC 04 22:21:19.7,0.7,36.189N,0.01:97.486W,0.008,h6km,6km,
 Error ellipse: s-maj=1.36km s-min=0.9km az=184.0
 TUL 04 22:21:19.5,1.4,36.90N,0.01:97.50W,0.01,h5km,6km,
 ML2.5,mb,Lg2.3/8(NEIC), Error ellipse: s-maj=1.5km
 s-min=1.2km az=178.0, Oklahoma

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
T35A	Sooner Cattle	0.79	48	Op	22 21 34.3	-0.3
T35A				Pg	22 21 44.8	-0.1
U32A	Winter Ranch	1.31	247	Pn	22 21 44.1	-0.5
FNO	Franklin	1.64	177	Pn	22 21 49.3	+0.3
TUL1	Leonard	1.69	125	Pn	22 21 50.2	+0.5
X34A	Smith Ranch, M	2.31	187	Iamb_Lg	22 22 32.7	
comp=Z,1.1m,1.8						
WNOK	Widith Mounta	2.04	206	Pn	22 21 59.9	+0.4
U38A	Gravette	2.54	99	Pn	22 22 02.3	+0.8
S39A	Bolivar	3.42	75	Pn	22 22 13.0	-0.5
U40A	Yellville	3.77	97	Pn	22 22 18.6	+0.2
MIAR	Mount Ida	3.96	125	Iamb_Lg	22 23 26.9	
comp=Z,8.0m,0.8s						
R40A	Maddies Station	4.38	70	Pn	22 22 28.0	+1.3
FCAR	Ozark Folk Cen	4.45	101	Iamb_Lg	22 23 40.3	
comp=Z,5.8m,0.9s						
WHAR	Woody Hollow	4.51	109	Iamb_Lg	22 23 49.7	
comp=Z,6.8m,1.0s						

ISC 04 22:25:36.6,1.3,8.19S,125.55E,h0km,mb3.9/4,
 mb1.3/9.8,mb1mx3.7/44,mbtmp3.7/8,ML3.4/4, Error
 ellipse: s-maj=38.7km s-min=20.4km az=84.0
 ISC 04 22:25:41.3,0.9,8.31S,10.08:125.7E:0.1,h35km,n9,
 +176/12,mb3.9/4, Timor region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BATI	Baumata	2.72	226	Pn	22 26 22.1	-0.5
4.7m,0.3s,baz=104,slo=10,SNR=2.4						
BATI				Gn	22 26 56.7	+2.4
FITZ	Fitzroy Crossi	9.73	180	Pn	22 27 58.2	-0.6
0.3m,0.3s,baz=357,slo=11,SNR=12						
FITZ				Gn	22 29 42.8	-4.1
0.2m,0.3s,baz=24,slo=13,SNR=2.6						
WRA	Warramunga Arr	14.30	145	Pn	22 29 02.5	+1.1
0.2m,0.3s,baz=316,slo=13,SNR=16						
WRA				Gn	22 31 39.0	+0.2
0.1m,0.3s,baz=320,slo=24,SNR=1.7						
ASAR	Alice Springs	19.15	154	P	22 29 41.9	+1.6
0.1m,0.3s,baz=316,slo=11,SNR=8.2						
CMAR	Chiang Mai Arr	37.45	315	P	22 32 51.0	-0.6
1.7m,0.3s,baz=175,slo=7.0,SNR=4.9						
SOMM	Songino Array	58.45	345	P	22 35 33.5	-0.2
0.4m,0.8s,baz=176,slo=6.8,SNR=2.2						
MKAR	Makanchi Array	67.05	329	P	22 36 30.4	-0.6
1.1m,0.8s,baz=134,slo=6.9,SNR=5.8						
ZALV	Zalesovo Beam	70.93	336	P	22 36 54.5	-0.3
0.4m,0.3s,baz=113,slo=3.3,SNR=2.2						
TORD	Tordjii Arr Bea	124.82	280	PKIKP	22 44 39.0	+0.1
0.6m,1.0s,baz=113,slo=1.5,SNR=2.6						

ISC 04 22:31:09.0,0.8,49.96N,155.74E,h73km,7km,mb3.3/10,
 mb1.3/6.12,mb1mx3.4/48,mbtmp3.6/12,MS3.2/2,
 Ms13.0/2,ms11mx3.4/48, Error ellipse: s-maj=22.0km
 s-min=1.2km az=122.0

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
SKR	Severo-Kuril's	0.78	5	Op	22 31 24.0	-0.6
SKR				Pn	22 31 55.0	-1.0
PAU	Pauzhetka	1.64	18	Op	22 31 35.3	-0.3
PAU				Pn	22 31 55.4	-0.4
KDTR	Khodutka, Kamc	2.31	34	Op	22 31 43.8	-0.8
KDTR				Pn	22 32 09.5	-2.5
MIPR	Malaya Ipe'l'ka	2.42	11	Op	22 31 46.2	+0.1
MIPR				Pn	22 32 14.7	+0.1
MTRV	Mutnovka	2.92	27	Op	22 31 54.4	+1.4
MTRV				Pn	22 32 27.0	0.0
GRL	Gorelyy	2.95	25	Op	22 31 55.3	+1.9
GRL				Pn	22 32 28.4	+0.7
RUS	Russkaya	2.98	31	Op	22 31 53.9	+0.1
RUS				Pn	22 32 25.4	-2.8
PETK	Petrovoplovsk-	3.37	18	Op	22 31 59.5	+0.5
PETK				Pn	22 32 39.5	+1.6
1.4m,0.3s,baz=239,slo=22,SNR=3.6						
PET	Petrovoplovsk	3.53	27	Op	22 32 41.9	+0.2
DALK	Dalny	3.56	28	Op	22 32 02.8	+1.1
DALK				Pn	22 32 42.6	+0.1
UGLR	Uglovaya	3.74	27	Op	22 32 07.0	+2.8
KOK	Koryaka	3.76	25	Op	22 32 07.6	+3.1
AVH	Avachta	3.86	26	Op	22 32 07.9	+2.8
SMAR	Somma	3.78	26	Op	22 32 07.2	+2.3
KRER	Koryakskii	3.80	26	Op	22 32 08.0	+2.9
SDLR	Sedlovina	3.82	27	Op	22 32 06.9	+1.6
NLC	Nalytchevo	3.87	31	Op	22 32 45.9	-4.3
ISLC				Pn	22 32 08.3	-0.1
SPN	Mys Shipunski	4.06	37	Op	22 32 39.4	+5.3
TUMD	Tumrok D	5.94	25	Op	22 32 39.2	+5.0
TUMR	Tumrok	5.94	24	Op	22 33 40.9	0.0
ASAJ	Asahikawa	10.83	243	P	22 33 40.9	0.0
0.9m,0.3s,baz=85,slo=7,SNR=2.4						
H112	WAKE ISLAND Hy	31.34	160	T	23 11 12.3	
baz=348,slo=76,SNR=12						
H111	WAKE ISLAND Hy	31.36	160	T	23 11 19.7	
baz=348,slo=76,SNR=16						
H113	WAKE ISLAND Hy	32.48	161	T	23 11 15.0	
baz=348,slo=76,SNR=19						
SOMM	Songino Array	32.22	286	P	23 27 37.4	-3.0
0.3m,0.7s,baz=20,slo=4.6,SNR=2.5						
H1151	WAKE ISLAND Hy	32.48	161	T	23 11 47.6	
baz=348,slo=76,SNR=14						
H1153	WAKE ISLAND Hy	32.49	161	T	23 11 56.3	
baz=347,slo=76,SNR=58						
H1152	WAKE ISLAND Hy	32.50	161	T	23 11 54.7	
baz=347,slo=76,SNR=5						
ILAR	Eielson Array	32.88	42	P	22 37 35.2	-0.6
0.3m,0.6s,baz=250,slo=7.5,SNR=4.3						
INK	Inuvik	37.95	35	P	22 38 19.0	-0.1
0.3m,0.3s,baz=278,slo=7.1,SNR=2.0						
ZALV	Zalesovo Beam	42.39	304	P	22 38 54.3	-1.7
0.4m,0.3s,baz=77,slo=6.2,SNR=2.2						
MKAR	Makanchi Array	47.24	296	P	22 39 33.3	-1.5
0.4m,0.8s,baz=62,slo=5.6,SNR=2.2						
ARCES	ARCES Array B	55.49	341	LR	23 06 57.7	
comp=Z,26m,19.4s,baz=5.0,slo=39						
NVAR	Mina Array Bea	59.31	66	P	22 41 03.5	-0.1
0.3m,0.5s,baz=320,slo=8.3,SNR=2.5						
PDAR	Pinedale Array	61.36	37	P	22 41 19.1	+1.5
0.3m,0.3s,baz=277,slo=9.2,SNR=1.5						
AKASG	Malin Array Be	69.96	327	LR	23 13 58.7	
comp=Z,12m,18.5s,baz=225,slo=37						
WRA	Warramunga Arr	72.15	201	P	22 42 25.4	-0.9
0.5m,0.7s,baz=20,slo=6.4,SNR=9.2						
WRA				pP	22 42 44.5	+0.1
0.7m,0.9s,baz=14,slo=5.6,SNR=2.9						
TXAR	Lajitas Array	74.30	63	P	22 42 39.4	+0.6
0.5m,0.6s,baz=297,slo=4.5,SNR=5.0						
TXAR				pP	22 42 58.5	+1.2
0.3m,0.5s,baz=297,slo=6.0,SNR=3.5						
ASAR	Alice Springs	75.84	201	P	22 42 48.0	+0.6
0.4m,0.5s,baz=10,slo=5.7,SNR=2.7						
ASAR				pP	22 43 06.7	+0.7
H03N2	Juan Fernandez	136.80	89	T	01 22 26.9	
baz=313,slo=77,SNR=3.6						
H03N1	Juan Fernandez	136.82	89	T	01 22 28.1	
baz=313,slo=77,SNR=3.5						
H03N3	Juan Fernandez	136.82	89	T	01 22 34.3	
baz=313,slo=77,SNR=3.4						

NEIC 04 22:54:54.5,37.78N,121.97W,h8km, Moment Tensor
 Solution, Moment tensor: Scale 10¹³Nm, M: 7.9;
 Mw=5.39; Mw=4.59; Mw=0.42; Mw=1.2; Mw=0.82; Fault
 plane solution: M5.54000:1013 NP1φ=237.11000°;
 δ83.52000°, λ,9.59000°. NP2φ=146.01000°;δ80.47000°;
 λ,173.43000°. Principal axes: T: 5.2035, Pz1,1.0000°;
 Azm102.0000°; N: 0.6245, Plg78.0000°, Azm271.0000°; P

-5.8280, Plg2.0000°, Azm11.0000°;
 NCEDC 04 22:54:54.5,1.0,37.78N,0.03:121.96W,0.04,h7km,6km,
 Mw3.1/4,ML2.7/40(NEIC) Error ellipse: s-maj=5.7km
 s-min=1.8km az=53.0
 NEIC 04 22:54:55.0:1.1,37.79N,0.02:121.98W,0.03,h16km,1km,
 Error ellipse: s-maj=4.1km s-min=2.6km az=45.0,
 Central California

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
SMCB	Saint Mary's C	0.12	297	Op	22 54 58.5	0.5
CMCM	Mills College	0.16	269	Pg	22 54 58.8	-0.3
BDM	Black Diamond	0.19	27	Pg	22 54 59.5	0.0
C055	Cottonwood Ave	0.19	219	Pg	22 54 58.8	-0.7
BKS	Berkeley-Byer	0.23	294	Pg	22 55 00.2	+0.2
VAK	Vadit at Lawren	0.23	293	Pg	22 55 00.4	+0.2
BL67	Building 67, L	0.24	282	Pg	22 55 00.3	0.0
WENL	Wente Vineyard	0.24	133	Pg	22 55 00.4	+0.2
BL88	Building 88, L	0.24	293	Pg	22 55 00.5	+0.1
BRK	Berkeley-Havi	0.24	291	Pg	22 55 00.4	+0.1
HERB	Hercules	0.32	315	Pg	22 55 02.0	-0.3
JRSC	Jasper Ridge	0.43	209	Pg	22 55 03.6	0.0
MHC	Mount Hamilton	0.52	149	Pg	22 55 05.3	+0.1
COSM	Mount Oso	0.55	120	Pg	22 55 05.8	-0.1
CVS	Carmen Viney	0.68	326	Pg	22 55 08.4	-0.1
MCCM	Marconi Center	0.80	297	Pg	22 55 10.2	-0.3
MCCM				IAML	22 55 23.1	
comp=N,329nm,0.8s						
MCCM				IAML	22 55 24.6	
comp=E,339nm,0.8s						
GHS	Gilroy Hot Spr	0.81	148	Pb	22 55 10.4	-0.3
FARB	Farallones	0.82	284	Pb	22 55 10.8	0.2
HC0M	Corn Cob Canyo	0.92	167	Pg	22 55 12.8	+0.1
HFEM	San Felipe	0.92	150	Pb	22 55 12.1	-0.5
PACP	Pacheco Peak	0.95	145	Pb	22 55 12.8	-0.3
HSFM	Saint Francis	1.04	158	Pg	22 55 15.2	+0.1
SAO	San Andreas Ge	1.10	157	Pg	22 55 15.3	-0.3
MINR	Mineral King	1.15	342	Pg	22 55 14.2	-2.4
FTR	Fort Ross	1.19	309	Pn	22 55 15.0	-2.0
GDXM	Geysers	1.21	328	Pn	22 55 16.6	-0.8
SCZ	Santa Cruz	1.27	159	Pn	22 55 17.2	-0.8
CMB	Columbia Colle	1.28	78	IAML	22 55 17.3	-1.0
CMB	Columbia Colle	1.28	78	IAML	22 55 36.3	
comp=N,83m,0.6s						
BJCM	Johnson Can	1.32	159	Pn	22 55 17.8	-0.9
HAST	Hastings Reser	1.43	166	Pn	22 55 19.4	-1.0
BBNM	San Benito	1.46	150	Pn	22 55 18.3	-2.5
BSMM	Soledad Missio	1.47	152	Pn	22 55 20.7	-0.2
HOPS	Hopland Field	1.48	325	Pn	22 55 20.2	0.1
OROV	Oroville	1.81	12	Pn	22 55 23.7	-1.8
PMPB	Monarch Peak	1.83	149	Pn	22 55 25.8	0.0
PMPB				IAML	22 56 07.7	
comp=N,88nm,1.1s						
EMB	Emeryville	1.89	51	Pn	22 55 27.8	

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like TKM2, SMLA Simla, KST, DGS, TNS, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like TIXI, SPTS, YSS, PEAOB, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like GCAM, BALLY, GLEI, etc.

ISK 05 00:13:10.9, 38°84'N-25°94'E, h13km, ML2.9/29
THE 05 00:13:11.7, 38°84'N-25°95'E, h16km, 1km, ML2.6/8, Error
ellipso: s-maj=1.5km s-min=0.6km az=258.0

DDA 05 00:13:11.2, 38°85'N-26°03'E, h11km, 3km, ML2.7
ATH 05 00:13:12.0, 38°83'N-25°99'E, h18km, 3km, ML2.7/5, Error
ellipso: s-maj=3.2km s-min=1.4km az=104.0

ISC 05 00:13:11.6-0.9, 38°85'N-02°25'98E-0.02, h17km, 7km,
n71, c053/101, Aegean Sea

URZ Urewera 7.14 215 Pn
1.6nm, 0.3s, baz=300, slow=24, SNR=11
URZ 3.2nm, 0.3s, baz=126, slow=23, SNR=3.2

TIR 05 00:21:53.0, 41°90'N-20°23'E, h20km, 2km, M2.6, M12.0
BEO 05 00:21:54.8, 0.3, 41°90'N-20°30'E, h0km, ML1.8/5
PDG 05 00:21:54.4, 0.1, 41°91'N-20°17'E, h3km, ML2.0/13, Error

PHP Peshkopia 0.26 138 P
baz=143
PHP baz=143

ULC Ulcinj 0.72 277 eP
ULC Plav 0.74 345 iP
PVP PVY 0.82 292 eP

DRME Dracevica, Mon 0.82 292 eP
DRME Dracevica, Mon 0.82 292 eP
OHR Ohrid 0.89 150 eP

PDG Podgorica 0.90 308 eP
PDG Podgorica 0.90 308 eP
TTG Podgorica 1.02 347 iP

IVA Berane 1.02 347 iP
IVA Brajaci-Budva 1.07 294 iP
BUM BUM 1.10 332 eP

KOME Kolasin 1.10 332 eP
CEME Cevo 1.17 305 iP
NKME Niksic 1.29 314 eP

FNA Florina 1.40 141 iP
FNA Florina 1.40 141 P
FNA baz=141

SEL Selova 1.50 26 eP
BARS Barje 1.52 51 eP
PRL Pijeljeva 1.57 338 eP

5d 1h

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

DRS 05 00:45:39.8-0.0, 41.54N:52.24E, h21km
AZER 05 00:45:52.4+0.3, 41.64N:50.95E, h58km, 21km, ml3.0/28,
Error ellipse: s-maj=6.0km s-min=4.3km az=260.0

Main table for 5d 1h section, listing station data and event details for various stations like NDR, GOBA, SIZA, etc.

IDC 05 01:02:08.4-2.1, 7.94S:125.65E, h0km, mb3.4/1,
mb1.3/9, mb1mx3.5/21, mbtmp3.7/3, ML3.6/2, Error
ellipse: s-maj=183.7km s-min=32.8km az=60.0, Banda
Sea

Table for IDC 05 01:02:08.4-2.1 event, listing station data and event details for stations like WRA, ASAR, MKAR, etc.

2015 NOV

Main table for 2015 NOV section, listing station data and event details for stations like MTN, KNRA, KDU, etc.

SKHL 05 01:23:29.5-0.0, 47.60N:146.40E, h438km, 13km, mb4.9/9,
mbv5.0/1, msh5.0/2, msh5.1/5
MOS 05 01:23:29.5-0.9, 47.77N:146.19E, h445km, mb4.3/13,
Error ellipse: s-maj=11.5km s-min=7.4km az=71.8
JMA 05 01:23:30.5-0.5, 47.14N:146.59E, h467km, M4.3,
IDC 05 01:23:30.2-0.9, 47.85N:146.19E, h438km, 10km,
mb3.5/20, mb1.3/6/29, mb1mx3.5/57, mbtmp3.2/29, Error
ellipse: s-maj=13.1km s-min=8.7km az=158.0
NEIC 05 01:23:30.5-1.0, 47.9N:0.1:146.3E:0.2, h431km, 9km,
mb4.3/120, Error ellipse: s-maj=18.6km s-min=16.8km
az=145.0

ISC 05 01:23:30.1-0.4, 47.63N:0.05:146.36E:0.05, h450km,
n254, r1566/281, mb4.2/7, 3C-3D, Northwest of Kuril
Islands

Table for ISC 05 01:23:30.1-0.4 event, listing station data and event details for stations like YSS, UGL, etc.

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Main table for 232 section, listing station data and event details for stations like TYV, NMR, NEM2, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Noodor Dome, H24K, GHO, WRH, ZALV, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YHL, Hebgan Lake, KVN, Kaiserville, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PLCA Paso Flores, IDC 05 01:28:39.0, etc.

5d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like East Falkland, Ushuaia, Brasilia, etc.

IDC 05 01:35:39.4:1.8, 1.05N-126.23E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.3/53, mbmt3.4/4, Error ellipse: s-maj=179.5km s-min=22.9km az=66.0, Northern Molucca Sea

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

TAP 05 01:37:27.8, 24.11N, 122.29E, h36km, ML3.2, D JMI 05 01:37:27.0, 1.23:37N, 122.29E, h23km, 3km, M2.4 ISC 05 01:37:25.7, 1.0, 24.02N, 102.122:31E, 0.02, h15km, 9km, n86, -0562/133, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Heping Village, Wuta, Chiawan, etc.

2015 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HGSD Ruisui, FUSS Fushou, TWBT1 Sanghuo, etc.

234

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLIU Shizi, TWKBT Hengchun, etc.

IDC 05 01:45:25.8:1.6, 35:97N, 53:53E, h0km, mb3.5/8, mb1 3.7/13, mb1mx3.5/45, mbmt3.6/13, ML3.4/3, MS3.0/10, Ms1 3.0/10, ms1mx2.7/44, Error ellipse: s-maj=25.9km s-min=16.0km az=10.0 TEH 05 01:45:25.8, 36:01N, 53:61E, h8km, ML3.9 THR 05 01:45:26.2, 0.8, 36:08N, 53:57E, h14km, 8km, ML3.7 ISC 05 01:45:26.4:0.6, 36:07N, 0:03:53:58E, 0.03, h10km, n118, c2514/118, mb3.5/6, MS2.8/5, 2C-2D, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISHM Shahmirzad, IGLO Ghaloghah, IANJ Anjilo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for various locations like Jarkhoshk, TBJM, AMIS, etc.

EAf 05:01:56:43.7:11.0, 15:29N:40:66E, h0km, 999km
ISC 05:01:56:45.3:3.3, 15:11N:02:40.8E:0.1, h10km, n19,
a395/24, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for Ethiopian locations like Tend, Sila, Gond, etc.

KRSC 05:01:59:17.1:1.1, 56:19N:162:86E, h36km, 9km, MLS, 9
MOS 05:01:59:19.5:1.2, 56:24N:162:57E, h49km, mb5, 6/91,
MS4 8/25, Error ellipse: s-maj=5.2km s-min=3.1km
az=82.6
IDC 05:01:59:20.9:1.4, 56:18N:162:46E, h44km, 12km, mb4.8/33,
mb1 5.0/38, mb1mx5.0/45, mbtmp5.1/38, MLS, 2/4, MS4.6/38,
Ms1 4.6/38, ms1mx4.5/46, Error ellipse: s-maj=11.3km
s-min=8.5km az=148.0
BUJ 05:01:59:20.2:0.0, 56:12N:162:20E, h56km, mb5, 1/43,
mb5.3/60, Ms5.1/66, Ms7 5.0/66
GCMT 05:01:59:21.4:0.1, 56:19N:01:162:76E:0.02, h31km,
MW5 2/124, Moment tensor Solution, s7, c152,
s124, c208. Duration: 1.0. Moment tensor: Scale 1016
Nm; Ms 4.4; 15; Ms 6.16; 11; Mw 0.71; 11;
Ms 0.11; 17; Mw 3.02; 09; Mw 4.09; 18; Best double
couple: Mo 7.2500e+10 Np1.277e+0000; 842.0000e-
, 1.36e+0000. NP2: 41.0000e; 859.0000e; 1.52e+0000.
Principal axes: T 7.9920, Plg58.0000; Azm257.0000; N
-0.5390, Plg32.0000; Azm62.0000; P -7.4570,
Plg7.0000; Azm157.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
NEIC 05:01:59:22.4:1.3, 56:20N:01:162:4E:0.1, h61km, 4km,
mb5.2/650 Error ellipse: s-maj=12.7km s-min=9.7km
az=126.0
BGR 05:01:59:25.4:0.0, 56:18N:162:37E, h72km, 1km, mb5.3
ISC 05:01:59:19.7:0.4, 56:21N:00:3:162.65E:0.02, h42km, 3km,
h42km; pP-P, n1698, a156/1512, mb5.3/565, MS4.8/85,
127C-47D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for various locations like MA2, SEY, SEY, etc.

5d 1h

2015 NOV

Table with columns: TEY, comp, pmax, pmax, and various station names like Kul du, KLR, KLR, etc.

Table with columns: MDJ, comp, LR, LR, and various station names like Mudanjiang, Skwentna, Bear Paw Mtn, etc.

Table with columns: MJAR, comp, LR, LR, and various station names like Matsuhiro Arr, Sheep Creek Mo, Bodaibo, etc.

PNL	baz=287,SNR=5.1	30.11	59	P	P	02 05 26.5 +1.5	RES	comp=Z,2um,14.7s	39.87	24	P	P	02 06 49.8 +1.2	CD2	comp=Z,50nm,0.8s				
YUK6	Peninsula	30.11	59	P	P	02 05 27.5 +1.6	RES	comp=Z,11nm,0.9s	39.87	24	P	P	02 06 49.8 +1.2	CD2	comp=Z,190nm,11.8s		pmax	pmax	
M30M	Outpost Mounta	30.40	56	P	P	02 05 30.3 +2.5	RES	comp=Z,2um,14.7s	39.89	46	P	P	02 06 50.8 +1.8	CD2	comp=Z,1um,14.5s		LR	LR	
INK	Minto, Yukon	30.52	41	P	P	02 05 29.9 +1.5	YKA	comp=Z,7.0nm,0.8s,ba	39.89	46	P	P	02 08 53.9 +0.2	CD2	comp=Z,1um,17.8s		LR	LR	
INK	Inuvik	30.52	41	P	P	02 05 30.3 +2.0	YKA	comp=Z,7.0nm,0.8s,ba	39.89	46	P	P	02 06 50.2 +1.3	E09A	Wood Farm,Sta	47.78	66	I Amb	I Amb
INK	comp=Z,8.3nm,0.6s,ba	30.52	41	P	P	02 05 30.1 +1.8	YKA	comp=Z,7.0nm,0.8s,ba	42.26	253	↑	P	02 07 06.8 -2.0	L02E	Cave Junction	47.87	74	P	P
INK	comp=Z,4.9nm,0.5s,ba	30.52	41	P	P	02 05 31.9 +2.3	WHN	comp=Z,790nm,10.7s					02 13 24.0 -2.3	J04D	Umpqua Nationa	47.92	72	P	P
INK	Inuvik	30.52	41	P	P	02 05 30.1 +1.8	WHN	comp=Z,3um,16.1s					02 07 09.2 -0.4	J04D	Pine Mountain	48.17	71	I Amb	I Amb
HYT	Haines Junctio	30.63	56	P	P	02 05 33.1	WHN	comp=Z,3um,16.1s	42.39	301	P	P	02 07 09.2 -0.4	MK31	Makanchi Array	48.17	295	c/P	P
HYT	Haines Junctio	30.63	56	I Amb	I Amb	02 05 33.1	ZALV	comp=Z,6.0nm,0.7s,ba	42.39	301	P	P	02 09 02.2 +0.2	MK31	Makanchi Array	48.17	295	P	P
N31M	Braeburn, Yuko	31.21	55	P	P	02 05 36.6 +2.0	ZALV	comp=Z,30nm,0.9s,ba	42.39	301	P	P	02 12 50.5 +1.5	MK31	Makanchi Array	48.17	295	I Amb	I Amb
M31M	Drury Creek, Y	31.61	53	P	P	02 05 40.9 +2.7	ZALV	comp=Z,2.5nm,0.9s,ba	42.39	301	P	P	02 26 43.9	MKAR	Makanchi Array	48.17	295	P	P
WHY	Whitehorse	31.90	56	P	P	02 05 43.6 +2.8	ZALV	comp=Z,2.5nm,0.9s,ba	42.39	301	P	P	02 07 09.0 -0.5	MKAR	Makanchi Array	48.17	295	P	P
WHY	Whitehorse	31.90	56	I Amb	I Amb	02 05 53.4	ZALV	comp=Z,953nm,18.2s,ba	42.39	301	P	P	02 07 09.0 -0.5	MAKZ	Makanchi	48.32	295	pmax	pmax
SKAG	Skaguay	32.13	58	I Amb	I Amb	02 05 55.4	ZALV	comp=Z,28nm,0.9s	42.39	301	P	P	02 07 09.0 -0.5	MAKZ	Makanchi	48.32	295	pmax	pmax
A36M	Sachs Harbour	32.69	33	P	P	02 05 49.6 +2.1	TULEG	comp=Z,14nm,0.6s	43.56	15	i/P	P	02 07 19.0 +0.3	MAKZ	Makanchi	48.32	295	P	P
A36M	Sachs Harbour	32.69	33	P	P	02 05 48.7 +1.2	TULEG	comp=Z,14nm,0.6s	43.56	15	i/P	P	02 07 19.1 +0.3	J05D	Fort Rock, OR	48.26	72	P	P
A36M	Sachs Harbour	32.69	33	I Amb	I Amb	02 06 04.0	TULEG	comp=Z,14nm,0.6s	43.56	15	i/P	P	02 07 20.3	L04D	Klamath Falls	48.52	73	P	P
P33M	Teslin, Yukon	33.02	56	P	P	02 05 52.0 +1.5	TULEG	comp=Z,14nm,0.6s	43.56	15	i/P	P	02 07 17.6 -1.1	K04D	Chiloquin, OR	48.54	73	P	P
JIS	Juneau Island	33.04	60	I Amb	I Amb	02 06 04.1	PGC	comp=Z,42nm,0.8s	43.66	67	P	P	02 07 20.1 +0.3	UPNV	Upernavik	48.55	14	i/P	P
SIT	Sitka	33.09	62	P	P	02 05 54.3 +1.2	DGZ	comp=Z,42nm,0.8s	43.67	295	c/P	P	02 07 20.2 0.0	UPNV	Upernavik	48.55	14	i/P	P
TLY	Talaya	34.09	288	eP	P	02 05 59.3 -0.6	GTA	comp=Z,42nm,0.8s	43.77	275	↑	P	02 07 21.9 +0.8	F10A	Beach Ranch, E	48.61	66	I Amb	I Amb
TLY	Talaya	34.09	288	eP	P	02 07 34.9	GTA	comp=Z,42nm,0.8s					02 07 34.1 -3.6	KHMM	Horse Mountain	48.69	76	I Amb	I Amb
TLY	Talaya	34.22	262	eP	P	02 06 02.1 +1.0	GTA	comp=Z,430nm,9.6s					02 13 47.3 -1.3	M02C	Callahan	48.80	74	P	P
TLY	Talaya	34.22	262	eP	P	02 06 14.6 -2.9	GTA	comp=Z,430nm,9.6s					02 14 08.8 +0.8	K05A	Summer Lake	48.93	72	I Amb	I Amb
TLY	Talaya	34.22	262	eP	P	02 06 19.8 +7.3	GTA	comp=Z,1um,17.5s					02 08 03.9 +3.4	M04C	Macdoel	49.08	73	P	P
TLY	Talaya	34.22	262	eP	P	02 06 37.9 +1.0	GTA	comp=Z,1um,17.5s					02 08 05.5 +2.9	KMRM	Mall Ridge	49.16	76	I Amb	I Amb
TLY	Talaya	34.22	262	eP	P	02 11 21.4 -3.3	GTA	comp=Z,1um,17.5s					02 08 07.9	N02D	Trinity Center	49.18	75	P	P
BJI	Beijing	34.22	262	eP	P	02 06 19.8 +7.3	LZH	comp=Z,2um,15.7s	43.88	268	↑	P	02 07 23.4 +1.4	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 06 37.9 +1.0	LZH	comp=Z,2um,15.7s					02 09 03.6 -0.9	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.4 +0.4	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63	257	↑	P
BJI	Beijing	34.22	262	eP	P	02 11 21.4 -3.3	LZH	comp=Z,2um,15.7s					02 08 07.5 -3.2	GYA	Guayang	49.63			

5d 1h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like SHLS Shalkode, PNTR Pine Nut, KPKS Kokpek, etc.

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Table with columns for call sign, name, frequency, mode, and other details. Includes entries like AAK Ala-Archa, ALA-Marcha, ALA-Marcha, etc.

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Table with columns for call sign, name, frequency, mode, and other details. Includes entries like PFO Pinyon Flats O, TPFO Pinyon Flats, N23A Red Feather La, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like UPP, NBO00, KSCO, BAKI, NA001, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like MRSI, FALBU, GAMI, BLEU, AMTX, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like BEL, BELU, PGBU, U40A, U40A, etc.

5d 1h

Table with columns: ID, Name, Time, Az, El, P, S, M, Az, El, P, S, M, Az, El, P, S, M. Includes rows like M54A Oil Creek Stat, M54A Oil Creek Stat, Z38A Mt. Pleasant, etc.

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Table with columns: ID, Name, Time, Az, El, P, S, M, Az, El, P, S, M, Az, El, P, S, M. Includes rows like PURM Purcari, NEUB Neuenburg, OKC Ostrava-Krasne, etc.

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Table with columns: ID, Name, Time, Az, El, P, S, M, Az, El, P, S, M, Az, El, P, S, M. Includes rows like BSSI Bau Bau, R53A Hurricane, VRAC Vranov, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other details. Includes stations like BMRD, BMRD, BUAD, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other details. Includes stations like T60A, FRGS, BUKA, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other details. Includes stations like STIP, 553A, CRAWFORDVILLE, etc.

5d 2h

Table with columns for station name, frequency, power, and signal strength. Includes stations like NMR Nemuro-Hokkai, GLVR Golovino, RUSJ Misakicho, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like YAK comp=N,0nm,1.0s, YAK comp=E,8.0nm,1.0s, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like RABL Rabaul, CMAR Chiang Mai Arr, CMAR comp=Z,1.3nm,0.4s, etc.

6.5nm,0.6s,baz=85,slow=8.4,SNR=91
FITZ Fitzroy Crossi 50.84 261 P 04 39 40.8 +0.5

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

IDC 05 04:41:20.6:2.9, 14.69S:167.12E, h0km, mb4.3/6, mb1 4.5/7, mb1mx4.0/47, mbtmp4.4/7, ML4.6/1, Error ellipse: s-maj=57.4km s-min=34.4km az=98.0

NEIC 05 04:41:32.6:1.6, 15.2S:0.1:167.5E:0.1, h119km, 5km, mb4.4/13.6, Error ellipse: s-maj=22.1km s-min=16.3km az=133.0

NOU 05 04:41:35.8, 15.31S:167.52E, h84km, mb4.4/8, Vanuatu Islands

ISC 05 04:41:32.6:1.5, 15.18S:0.09:167.5E:0.2, h129km, n38, r122/41, mb4.5/9, Vanuatu Islands

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

IDC 05 04:43:31.2:2.0, 8.52S:125.32E, h0km, mb3.8/1, mb1 3.6/5, mb1mx3.5/41, mbtmp3.5/5, ML3.2/4, MS3.3/1, Ms1 3.5/1, ms1mx2.4/36, Error ellipse: s-maj=38.2km s-min=27.4km az=87.0

ISC 05 04:43:35.6:1.5, 8.65S:0.1:125.5E:0.1, h35km, n6, r198/7, Timor region

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

JMA 05 04:47:51.4:0.2, 24.78N:122.11E, h121km, 2km, M2.7
TAP 05 04:47:51.9, 24.92N:122.11E, h119km, ML3.5, B

ISC 05 04:47:50.6:1.4, 24.92N:0.04:122.13E:0.03, h128km, 7km, n87, r0585/164, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWB1, NTC, TIPB, etc.

Main table with columns: WFSB, TWC, TWE, NDS, NHDH, YMO1, YMO8, EWUT, ENT, TATO, NWLT, ENA, ENA, NDT, NTST, NTST, TWS1, PCYT, PCYT, YHNB, YHNB, NSK, NSK, NTY, NTY, NNSB, NNSB, NNS, NNS, NCUH, NCUH, NCUH, JYNG, JYNG, ETL, ETL, NACB, NACB, ETLH, ETLH, YOJ, YOJ, YOJ, YOJ, NJD, NJD, TWD, TWD, NHW, NHW, NHW, SBCB, SBCB, SBCB, FUSS, FUSS, FUSS, LIOB, LIOB, LIOB, HSN, HSN, HSN, NSTT, NSTT, NSTT, TWT, TWT, TWT, WHF, WHF, WHF, TDCB, TDCB, TDCB, TEYL, TEYL, TEYL, CHGB, CHGB, CHGB, WHP, WHP, WHP, NMLH, NMLH, NMLH, OWD, OWD, OWD

Main table with columns: OWD, NSY, NSY, TWQ1, TWQ1, WCS, WCS, DPDB, DPDB, WDJ, WDJ, WDJ, SMLT, SMLT, SMLT, TCU, TCU, TCU, TYC, TYC, TYC, SSSL, SSSL, SSSL, HGSD, HGSD, HGSD, WWF, WWF, WWF, IRIF, IRIF, IRIF, WNT, WNT, WNT, YULB, YULB, YULB, JKRS, JKRS, JKRS, ALS, ALS, ALS, CHNS, CHNS, CHNS, WRL, WRL, WRL, JIJ, JIJ, JIJ, ELDTW, ELDTW, ELDTW, JISG, JISG, JISG, EDH, EDH, EDH, CHN4, CHN4, CHN4, CHY, CHY, CHY, CHY, TPUB, TPUB, TPUB, STYT, STYT, STYT, WTP, WTP, WTP, TWK, TWK, TWK, TWK, CHN1, CHN1, CHN1, MATB, MATB, MATB, SLGT, SLGT, SLGT, SLGT, JTJ, JTJ, JTJ, XPSS, XPSS, XPSS, LYJJ, LYJJ, LYJJ, PHUB, PHUB, PHUB, PHUB, PTMZ, PTMZ, PTMZ, EAST, EAST, EAST, VCHM, VCHM, VCHM, VCHM, IDC 05 05:15:43.3:1.4, 8.07S:125.30E, h0km, mb4.0/3, mb1 4.2/7, mb1mx3.9/31, mbtmp4.0/7, ML3.7/4, MS2.9/2, Ms1 2.9/2, ms1mx2.4/39, Error ellipse: s-maj=39.6km, mb4.8/2, ML4.0/6, Mw(mB)4.1/2, DJA 05 05:15:46.8:0.5, 8.3S:12.5E, h10km, M4.2/6, mb4.5/6, mb4.8/2, ML4.0/6, Mw(mB)4.1/2, ISC 05 05:15:46.3:1.0, 8.31S:0.07:125.23E:0.08, h24km, n21, r194/21, mb4.0/3, Timor region

5d 5h

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

NOU 05:05:27.56.1,38'29S;176:03E,h208km,mb3.87,North Island, New Zealand

WEL 05:05:28.02.8,10,38'S;176:6E,h148km,8.7km,M2,7/26,ML2,7/6,MLV2,7/26,Error ellipse: s-maj=0.0km

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across the region.

NOU 05:05:30:09.9,39'42S;175:98E,h40km,MLV3,7/6,North Island, New Zealand

WEL 05:05:30:10.4,39'S;176:6E,h51km,3km,M3,6/55,ML3,9/55,MLV3,6/55,Error ellipse: s-maj=0.0km

Small table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BHZH Black Hill Sta.

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Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across the region.

TAP 05:05:49:38.2,25'28N;122:54E,h191km,1km,ML3,3,2

JMA 05:05:49:39.3,3,25:24N;122:57E,h174km,M2,6

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across the region.

Table with columns: ALS, CHNS, CHNS, CHN4, TPUB, TPUB. Includes station names like Tsauling, Tsushan, Ta-pu and various codes and times.

DJA 05 06:00:45.0:4.1 N,4.10'E, h21km,5km, M3.1/6, MLV3.1/6, Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Mandailing Nat, Bangkinang, Padang Panjang, Padang, Gunungsitoli, Muara Teweh, K.

NNC 05 06:05:52.0:4.2, 37.02N:70.29E, h0km, mb4.0, mpv3.7, 2C-3D, Error ellipse: s-maj=33.7km s-min=31.2km az=40.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Karatay Array, Ala-Archa, AAK, TKM2.

NEIC 05 06:50:22.3:0.5, 36.939N:0.010:97.85W, h0.01, h4km, 4km, Error ellipse: s-maj=1.7km s-min=1.4km az=61.0

TUL 05 06:50:21.8:0.7, 36.942N:0.010:97.849W, h0.007, h2km, 6km, ML2.5, mb_Lg2.1/11 (NEIC), Error ellipse: s-maj=1.4km s-min=0.7km az=166.0, Oklahoma

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Grant County, Manchester OK, Caldwell West, Bluff City, Argonia South, Argonia North, Anthony SW Sta, Anthony NE Sta, Harper NE Sta, Carrier, Blackwell, Sooner Cattle, Liberty Lake, Quay, Brethren Rd, Bluff Creek, Cody Creek, Westminister Rd, Oklahoma City, Long County, Franklin, Wichita, Kansas State U, Clayton, Amarillo, Yellville.

NOU 05 07:07:17.9, 39.56S:178.03E, h62km, MLV4.2/10, Off E, Coast of N. Island, MZ

WEL 05 07:07:20.5, 39.53S:177.9E, h46km, 7km, M3.8/60, ML4.0/61, MLV3.8/60, Error ellipse: s-maj=0.0km s-min=0.0km az=89.1, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Mahia Peninsula, Kokohu, Paritua Road, Waihua, Cape Kidnapper, Aropoanui, Rimuhau, Shannon Statio, Arah, Kahuranaki, Naumai, McNeill Hill, Maungataniwha, Carnagh Statio, Te Karaka, Rawiri, Pawanui, Ruatahunu, Black Stump Fm, Matawai, Kaweka Forest, Kereru, Tauwhareparae, Mataea Rd, Murupara, Waipukurau, Perangahau, Urewera.

Table with columns: URZ, PNHZ, PUZ, BHZH, ALRZ, RAUK, PRZR, HATZ, RRRZ, ANWZ, EDZR, MOVZ, DVHZ, WPRZ, HRRZ, TSZ, MVVZ, HLRZ, HATZ, WAZ, HAZ, WMGZ, HSZR, ETVZ, TMVZ, MARZ, WHRZ, RAITZ, TUVZ, OTVZ, NTVZ, KATZ, SNVZ, OMRZ, KWTZ, WNVZ, NNVZ, WHVZ, NGZ, BFZ, KUTZ, DRZ, WTVZ, FWVZ, TRVZ, WATZ, KUTZ, MTVZ, PRVZ, OPRZ, POWZ, KPWZ, CPWZ, TLVZ, THVZ, OLWZ, KRZ, WAZ, TMVZ, HRZ, GWVZ, HIZ, HAZ, MTW, TRVZ, LRZ, KIWZ, PRVZ, CAW, MHEZ, DSWZ, OUVZ, NEZ, PLVZ, KHEZ, PKZ, BHW, TAZO, NMEZ, NBEZ, KAUZ, ICW, OUVZ, WIAZ, AWAZ, MBZ, TUWZ, GRTZ, BSVZ, NNZ, QRZ, WCZ, KHZ, THZ, DSZ, OUZ, OAHZ, AKCZ, CTZ, WVZ, RPSZ, GCZ, ODZ.

IDC 05 07:10:11.4:1.6, 5.83N:125.34E, h191km, 20km, mb3.4/6, mb1 3.5/6, mb1mx3.2/39, mbtmp3.9/6, Error ellipse: s-maj=91.9km s-min=14.2km az=72.0

MAN 05 07:10:18.1, 6.43N:125.68E, h1km, mb4.5, ML3.3, MS3.2, ISC 05 07:10:06.8:0.9, 5.88N:125.5E, h150km, m11, c150/14, mb3.8/6, 3C, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like General Santos, Davao City, Davao City-Mi, Musuan, Fitzroy Crossi, Warramunga Arr, Alice Springs, Makanchi Array, Norilsk, Fines Fitness Array, Torodi Arr, Beza.

KRSC 05 07:23:41.1:1.9, 49.933N:156.64E, h42km, 21km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Puzhetka, Khodutka, Kamc, Russkaya, Gorely, Avacha, Kozlova.

IDC 05 07:32:52.3:1.1, 8.00S:125.36E, h0km, mb3.9/5, mb1 4.2/10, mb1mx3.8/44, mbtmp4.0/10, ML3.8/5, MS3.3/7, Ms1 3.3/7, ms1mx3.0/30, Error ellipse: s-maj=33.6km s-min=17.7km az=71.0

DJA 05 07:32:56.1:0.0, 8.53S:12.5E, h10km, M4.3/8, mb4.4/7, mb4.7/1, MLV4.2/8, Mw(mb)4.0/7

ISC 05 07:32:55.4:0.8, 8.21S:0.05:125.24E, h24km, n30, c258/30, mb4.0/5, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Baumata, Soei, Soei, Soei, Soei, Bati, Bati, Bati, Bati, Kapi, Kapi, BNSI, MTN, PLAI, PLAI, KNRA, KDU, FITZ, FITZ, FITZ, FITZ, WRA, WRA, WRA, DAV, ASAR, ASAR, LEM, PMG, PSI, CMAR, MKAR, ZKAL, KURB.

KRNET 05 08:10:08.3:0.1, 39.13N:71.56E, h10km, mb3.2, NNC 05 08:10:11.0:2.4, 39.04N:71.55E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=18.3km s-min=12.4km az=6.0

ISC 05 08:10:10.1:1.2, 39.05N:0.06:125.05E, h10km, n15, c250/31, 27C-4D, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Karamyk, Garm, Gar, Batken, Batken, Osh, Osh, Sufi-Kurgan, Sufi-Kurgan, Chuyangar, Terek-Say, Salom-Alik, Aml, Aml, MNAS, MNAS, Erkin-Say, Erkin-Say, KK31, KK31, KK31, AAK, AAK, AAK, AAK, AB31, AB31.

IDC 05 07:10:11.4:1.6, 5.83N:125.34E, h191km, 20km, mb3.4/6, mb1 3.5/6, mb1mx3.2/39, mbtmp3.9/6, Error ellipse: s-maj=91.9km s-min=14.2km az=72.0

MAN 05 07:10:18.1, 6.43N:125.68E, h1km, mb4.5, ML3.3, MS3.2, ISC 05 07:10:06.8:0.9, 5.88N:125.5E, h150km, m11, c150/14, mb3.8/6, 3C, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like General Santos, Davao City, Davao City-Mi, Musuan, Fitzroy Crossi, Warramunga Arr, Alice Springs, Makanchi Array, Norilsk, Fines Fitness Array, Torodi Arr, Beza, Severo-Kuril's, Puzhetka, Khodutka, Kamc, Russkaya, Gorely, Avacha, Kozlova, Bui, Mos, JMA, NIOC.

Table with columns for station code, frequency, power, and other technical details. Includes stations like TIY, PETK, HHC, BTO, H11N2, etc.

Table with columns for station code, frequency, power, and other technical details. Includes stations like CD2, SEY, ZAK, IRK, TLY, etc.

Table with columns for station code, frequency, power, and other technical details. Includes stations like ZALV, ZALV, ZALV, HNR, JRM, etc.

N19K	comp-Z,11nm,0.5s	50.22	35	P	P	08 31 55.3 +1.9
O19K	Port Alsworth	50.25	36	P	P	08 31 55.0 +1.5
KL5I	baz=266	50.26	230	P	P	08 31 53.9 -0.2
TARG	comp-Z,19nm,0.9s	50.34	300	P	I	08 31 55.1 0.0
TARG	Taragay, Kyrgy	50.34	300	P	I	08 31 56.8
M19K	comp-Z,49nm,1.1s	50.35	34	P	P	08 31 55.9 +1.7
M19K	Big River Lodg	50.35	34	P	P	08 31 55.8 +1.5
M19K	Big River Lodg	50.35	34	P	I	08 31 56.8
LHSI	comp-Z,32nm,1.2s	50.41	232	P	P	08 31 55.5 +3.3
LHSI	Lahat	50.41	232	P	P	08 31 55.5 +3.3
MDSI	comp-Z,47nm,0.9s	50.46	231	P	P	08 31 54.5 -1.2
MDSI	Maura Dua	50.46	231	P	P	08 31 54.5 -1.2
Q19K	comp-Z,36nm,1.2s	50.53	38	P	P	08 31 55.7 0.0
Q19K	Cape Douglas,	50.53	38	P	P	08 31 55.7 0.0
CHKK	Chushkaly	50.57	303	eP	P	08 31 55.2 -1.0
L20K	comp-Z,30nm,1.2s	50.64	33	P	P	08 31 57.9 +1.4
L20K	Farewell, AK	50.64	33	P	P	08 31 57.9 +1.4
MDOK	Medeo	50.64	302	iP	P	08 31 56.8 -0.1
MDOK	Medeo	50.64	302	P	P	08 31 56.9 0.0
OHAK	Old Harbor	50.69	40	P	P	08 31 56.9 +0.1
J20K	comp-Z,42nm,1.1s	50.70	31	P	P	08 31 58.7 +1.9
J20K	Nowinta River	50.70	31	P	P	08 31 58.5 +1.7
J20K	Nowinta River	50.70	31	P	I	08 32 00.0
AAA	Alma-Ata	50.73	302	eP	P	08 31 56.6 -0.9
AAA	Alma-Ata	50.73	302	eP	P	08 31 56.6 -0.9
TNS5	Tian-Shan	50.73	302	eP	P	08 31 57.6 -0.4
P19K	Oil Pt	50.77	37	P	P	08 31 59.1 +1.6
MASI	Maura Aman, Be	50.77	234	P	P	08 32 00.4 +2.3
KUU	Kurty	51.02	303	iP	P	08 31 58.3 -1.4
KUU	Kurty	51.02	303	iP	P	08 31 58.2 -1.4
R50	Redoubt South	51.05	36	P	P	08 31 59.7 -0.1
GSI	Gunungstosi	51.05	242	P	P	08 31 59.1 -1.0
GSI	Gunungstosi	51.05	242	P	P	08 31 58.6 -1.5
KDAK	Kodiak Island	51.07	39	P	P	08 32 00.4 +0.6
KDAK	Kodiak Island	51.07	39	P	P	08 32 00.3 +0.6
IMAR	Indian Mountai	51.09	29	P	P	08 32 00.7 +0.8
A21K	Barrow	51.13	22	P	P	08 32 01.4 +1.5
A21K	Spurr Chakacha	51.13	22	P	P	08 32 01.4 +1.5
ULHL	Ulhalo	51.39	301	P	P	08 32 03.3 +0.6
SPU	Mount Spurr	51.42	35	P	P	08 32 00.3 -2.1
H21K	Melozitna Rive	51.44	29	P	P	08 32 04.1 +1.7
H21K	Melozitna Rive	51.44	29	P	I	08 32 03.8 +1.4
H21K	Melozitna Rive	51.44	29	P	I	08 32 05.3
PPLA	Purkeypile	51.45	33	P	P	08 32 04.7 +2.0
CHUM	Lake Minchumin	51.47	31	P	P	08 32 04.6 +2.0
CAST	Castle Rocks	51.53	32	P	P	08 32 04.9 +1.7
CAST	Castle Rocks	51.53	32	P	I	08 32 04.8 +1.6
SKT	Skwentna	51.70	34	P	P	08 32 05.5 +1.0
SKT	Skwentna	51.70	34	P	I	08 32 05.6 +1.2
I21K	Tanana	51.73	30	P	P	08 32 06.4 +1.9
TKM2	Tokmak 2	51.73	302	P	P	08 32 05.5 +0.3
TKM2	Tokmak 2	51.73	302	P	P	08 32 05.1 -0.1
WB0	Warramunga Arr	51.99	188	P	I	08 32 05.6 -1.3
BRSE	Bradley Lake S	52.04	37	P	P	08 32 07.6 +0.7
FITZ	Fitzroy Crossi	52.06	199	P	P	08 32 07.3 -0.1
FITZ	Fitzroy Crossi	52.06	199	P	P	08 32 07.4 -0.1
SUA	Susitna One	52.06	34	P	P	08 32 07.8 +0.6
SUA	Susitna One	52.06	34	P	I	08 32 07.1 -0.1
BPAW	Bear Paw Mtn.	52.07	31	P	P	08 32 08.7 +1.6
BPAW	Bear Paw Mtn.	52.07	31	P	P	08 32 07.8 +0.6
WRAB	Tennant Creek	52.16	188	eP	P	08 32 07.4 -0.8
KSH	Kashi	52.17	297	P	P	08 32 11.1 +2.7
KSH	Kashi	52.17	297	P	P	08 32 26.4 -0.1
KSH	Kashi	52.17	297	P	P	08 32 34.3 +4.4
KSH	comp-Z,50nm,1.1s	52.17	297	P	P	08 32 11.1 +2.7
KSH	comp-Z,200nm,16.8s	52.17	297	P	P	08 32 26.4 -0.1
KSH	comp-Z,540nm,17.4s	52.17	297	P	P	08 32 34.3 +4.4
WB2	Warramunga Arr	52.17	188	P	I	08 32 07.2 -1.1
WB2	Warramunga Arr	52.17	188	P	I	08 32 35.2
WRA	Warramunga Arr	52.17	188	P	P	08 32 07.2 -1.1
WRA	Warramunga Arr	52.17	188	P	P	08 37 11.3 +0.2
WRA	Warramunga Arr	52.17	188	P	P	08 39 20.7 -0.8
WRA	Warramunga Arr	52.17	188	P	P	08 32 07.9 -0.4
WRA	Warramunga Arr	52.17	188	P	P	08 32 07.9 -0.4
WRA	Warramunga Arr	52.17	188	P	P	08 32 07.8 -0.4
CTA	Charters Tower	52.18	174	P	P	08 32 09.2 +0.7
CTA	Charters Tower	52.18	174	P	P	08 32 09.1 +0.7
CTA	Charters Tower	52.18	174	P	P	08 32 09.1 +0.7
CTA	Charters Tower	52.18	174	P	P	08 32 09.1 +0.7
MLY	Manley	52.24	30	P	P	08 32 10.0 +1.6
MLY	Manley	52.24	30	P	P	08 32 09.8 +1.4
MLY	Manley	52.24	30	P	I	08 32 11.3
KBK	Karagaybulak	52.25	302	P	P	08 32 09.8 +0.8
SGDS	Sogindyn	52.32	303	iP	P	08 32 08.4 -1.0
SGDS	Sogindyn	52.32	303	eP	P	08 32 09.3 -0.1
CHMS	Chumysh	52.33	302	P	P	08 32 09.5 +0.2
TRF	Thorfare Moun	52.34	32	P	P	08 32 10.3 +1.0
M22K	Willow	52.36	34	P	P	08 32 10.1 +0.9
BTL5	Baital	52.44	305	iP	P	08 32 09.8 -0.3
BTL5	Baital	52.44	305	iP	P	08 32 09.8 -0.3
BTL5	Baital	52.44	305	iP	P	08 32 09.8 -0.3
RC01	Rabbit Creek A	52.54	35	P	P	08 32 10.9 +0.2
RC01	Rabbit Creek A	52.54	35	P	P	08 32 11.1 +0.5
RC01	Rabbit Creek A	52.54	35	P	I	08 32 12.4

AAK	Ala-Archa	52.58	302	P	P	08 32 11.5 0.0
AAK	Ala-Archa	52.58	302	P	P	08 55 16.9
AAK	Ala-Archa	52.58	302	iP	P	08 32 11.4 0.0
AAK	Ala-Archa	52.58	302	iP	P	08 32 11.5 0.0
AAK	Ala-Archa	52.58	302	iP	P	08 32 11.2 -0.3
AAK	Ala-Archa	52.58	302	P	P	08 32 11.5 0.0
AAK	Ala-Archa	52.58	302	P	I	08 32 12.7
BRZ5	Berezniiki	52.61	311	iP	P	08 32 10.8 -0.5
BRZ5	Berezniiki	52.61	311	iP	P	08 32 10.8 -0.5
COLD	Coldfoot	52.65	27	P	P	08 32 12.8 +1.5
COLD	Coldfoot	52.65	27	P	P	08 32 11.6 +0.3
SEW	Seward	52.68	36	P	P	08 32 12.3 +0.6
H23K	Yukon River	52.80	29	P	P	08 32 14.6 +2.1
H23K	Yukon River	52.80	29	P	I	08 32 13.2 +0.7
H23K	Yukon River	52.80	29	P	I	08 32 15.7
I23K	Minto, Yukon-K	52.83	30	P	P	08 32 14.2 +1.5
I23K	Minto, Yukon-K	52.83	30	P	I	08 32 13.4 +0.7
I23K	Minto, Yukon-K	52.83	30	P	I	08 32 34.6
PMR	Palmer	52.84	34	P	P	08 32 13.3 +0.5
PMR	Palmer	52.84	34	P	P	08 32 13.1 +0.4
PMR	Palmer	52.84	34	P	I	08 32 13.3 +0.5
PMR	Palmer	52.84	34	P	I	08 32 14.4
NEA2	Nenana	52.93	31	P	P	08 32 14.9 +1.4
NEA2	Nenana	52.93	31	P	P	08 32 14.3 +0.8
GHO	Glory Hole Cre	52.93	34	P	P	08 32 14.4 +0.8
GHO	Glory Hole Cre	52.93	34	P	I	08 32 15.7
MCK	McKinley	52.96	32	P	P	08 32 14.7 +0.9
RND	Reindeer	52.99	32	P	P	08 32 14.5 +0.5
RND	Reindeer	52.99	32	P	P	08 32 14.5 +0.5
RND	Reindeer	52.99	32	P	I	08 32 15.7
TOLK	Took Lake Re	53.02	25	P	P	08 32 15.8 +1.6
EKS2	Erkin-Say	53.09	302	P	P	08 32 15.4 +0.2
KNK	Knik Glacier	53.16	35	P	P	08 32 16.1 +0.9
KNK	Knik Glacier	53.16	35	P	P	08 32 16.2 +1.0
SML	Sawmill	53.22	34	P	P	08 32 16.6 +0.9
PWL	Port Well	53.23	35	P	P	08 32 16.3 +0.6
AML	Almayashu	53.27	301	P	P	08 32 17.7 +0.9
AML	Almayashu	53.27	301	P	P	08 32 17.6 +0.9
AML	Almayashu	53.27	301	P	P	08 32 16.2 -0.6
AML	Almayashu	53.27	301	P	P	08 32 17.8 +0.5
COLA	College	53.46	30	eP	P	08 32 18.7 +1.4
COLA	College	53.46	30	eP	P	08 32 18.1 +0.7
H24K	Noor Dome	53.48	29	P	P	08 32 19.4 +1.8
SANUV	Saraoutou	53.60	148	P	P	08 32 19.6 +0.8
POKR	Poker Plat Res	53.65	30	P	P	08 32 20.1 +1.4
BVAR	Boroyev Array	53.65	315	P	P	08 32 19.4 +0.4
SCM	Sheep Creek Mo	53.69	34	P	P	08 32 20.1 +0.9
BRVK	Boroyev	53.71	315	P	P	08 32 19.8 +0.4
BRVK	Boroyev	53.71	315	P	P	08 32 19.8 +0.4
GLI	Glacier Island	53.83	35	P	P	08 32 20.9 +0.8
HDA	Harding Lake	53.84	31	P	P	08 32 20.5 +0.3
IL31	Il31	53.87	30	P	P	08 32 20.5 +0.2
IL31	Il31	53.87	30	P	I	08 32 21.8
ILAR	Eielson Array	53.87	30	P	P	08 32 20.6 +0.2
ILAR	Eielson Array	53.87	30	P	P	08 32 20.6 +0.2
M24K	Tolsona, Glenn	54.23	34	P	P	08 32 23.8 +0.7
Q23K	Middleton Isla	54.28	37	P	P	08 32 25.1 +1.8
KLJ	Klutina	54.37	34	P	P	08 32 25.5 +1.3
PRP	Porcupine Dome	54.45	29	P	P	08 32 25.7 +1.0
EYAK	Cordova Ski Ar	54.51	36	P	P	08 32 26.3 +1.3
PAX	Paxson	54.52	33	P	P	08 32 26.3 +1.1
HARP	HAARP	54.69	33	P	P	08 32 28.0 +1.6
RIDG	Independent RI	54.78	32	P	P	08 32 27.5 +0.5
DZA	Taraz	54.80	303	eP	P	08 32 26.3 -1.3
DZA	Taraz	54.80	303	eP	P	08 32 26.2 -1.3
BMAR	Burnt Mountain	54.83	27	P	P	08 32 29.9 +2.6
N25K	Chitina, Valde	55.00	34	P	P	08 32 29.0 +0.3
BMRM	Bremner River	55.04	35	P	P	08 32 30.2 +1.2
DOT	Dot Lake	55.13	32	P	P	08 32 29.9 +0.3
DOT	Dot Lake	55.13	32	P	I	08 32 31.3
SCRK	Sand Creek	55.15	31	P	P	08 32 30.4 +0.7
KAIM	Kayak Island	55.22	36	P	P	08 32 31.1 +1.0
J26L	Josep Creek	55.31	31	P	P	08 32 31.2 +0.3
KK31	Karatay Array	55.34	303	P	P	08 32 31.6 +0.2
KK31	Karatay Array	55.34	303	P	P	08 32 31.6 +0.2
KKAR	Karatay Array	55.34	303	P	P	08 32 31.5 +0.1
KKAR	Karatay Array	55.34	303	P	P	08 32 31.4 +0.1
L26K	Log Cabin Wild	55.49	32	P	P	08 32 33.6 +1.5
L26K	Log Cabin Wild	55.49	32	P	P	08 32 33.3 +1.2
M26K	Nabesna, AK	55.70	33	P	P	08 32 35.2 +1.5
MCAR	McCarthy VSAT	55.77	34	P	P	08 32 35.7 +1.6
MCAR	McCarthy VSAT	55.77	34	P	P	08 32 34.9 +0.8
CRQE	Crque	55.80	35	P	P	08 32 35.9 +1.4
BTK	Batken	55.88	299	P	P	08 32 35.3 -0.1
BTK	Batken	55.88	299	P	P	08 32 35.3 -0.1
BTK	Batken	55.88	299	P	I	08 32 36.4
AS31	Alice Springs	55.90	188	P	P	08 32 34.7 -0.8
ASAR	Alice Springs	55.90	188	P	P	08 32 34.6 -0.8
ASAR						

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like TULEG Thule, NEEM North Greenland, A04D Lummi Island, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like GNI Garni, O02D Mt. Diablo Mer, KOSA KOSA, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like YHL Hebgen Lake, LCH Last Change Ra, CWC Cottonwood Cre, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CRVS, W13A, K22A, etc.

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like U40A, W39A, W41B, etc.

Table with columns: KUR, comp, E, 200nm, 0.5s, AMB, AMB, 09 17 36.6, etc. Includes stations like KUR, YUK, GRPR, NEM2, RUSJ, etc.

Table with columns: KIV, KISLOVODSK, 70.74 313, eP, P, 09 28 21.9 +0.6, etc. Includes stations like KIV, KIBZ, KBZ, etc.

Table with columns: KRSR, KORS, 45.53 35, P, P, 09 52 50.1 -0.4, etc. Includes stations like KRSR, MK31, MKAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Santa Cruz Isl, Santa Barbara, Mpherson Peak, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Y14A, KVN, EMB, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KAZI, Kazerun, Shahrekord, etc.

Table with columns: EHP, Station Name, Time, Res, and various codes. Includes stations like Heping Village, Kuanqinshan, Chenhua, etc.

Table with columns: YUS, Station Name, Time, Res, and various codes. Includes stations like Alishan, Tsauling, Guolierlin Hig, etc.

Table with columns: KK31, Station Name, Time, Res, and various codes. Includes stations like Karatay Array, Terk-Say, Erkin-Say, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ABDV, SIMA, TVSB, SILT, etc.

NNC 05 12:38:40.0-11.0,36.85N-70.00E,h0km,mb4.2,mpv3.8,3C-2D,Error ellipse: s-maj=94.5km s-min=88.3km az=40.0,Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AML, KK31, UCH, etc.

TAP 05 12:43:22.0,24.83N,122.04E,h4km,ML3.1,C JMA 05 12:43:22.5,0.1,24.80N,122.05E,h0km,M2.6

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

Main table with columns: YM01, YM01, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YM01, YM01, TAP, etc.

Table with columns: CHN4, TPUB, STYH, JISG, WTP, TWK. Includes station names and coordinates.

IDC 05 12:43:58.8-55.0,1576S-171.22W,h0km,mb4.0/3,mb1 4.2/3,mb1mx3.7/37,mb2mx4.0/3,Error ellipse: s-maj=1078.0km s-min=192.5km az=80.0,Samoan Islands region

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

OTT 05 12:48:10.7-0.9,42.28N,55.44W,h18km,ML3.7/3,Atlantic Ocean 368km south from Grand Bank, NI, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GBN, DRLN, LMN, etc.

NORS 05 12:50:25.9-0.0,42.34N,44.97E,h6km,MPVA3.6 MOS 05 12:50:26.3-0.0,42.42N,44.99E,h17km,MPVA3.5

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

ISC 05 12:50:28.4-0.9,42.45N,45.67E,h6km n36,e123/71,Western Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PNSH, GUDG, MTEO, etc.

BUC 05 12:50:58.9-0.2,45.50N,26.36E,h130km,1km,ml4.0/62, Error ellipse: s-maj=1.6km s-min=1.3km az=177.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NEHR, BISRR, MLR, etc.

ISC 05 13:24:01.71.5,84S:0.1x125.6E:0.1,h35km,n5,-r102/7, Timor region
Code Station Name Δ° AZZ Phase ID Time Res ISC
BATI Baumata 2.58 227 Pn 13 24 41 +0.5

IDC 05 13:55:41.8-1.5,50/39N:153.86E,h0km,mb3.3/3, mb1.3,0.3,mb1m3.2,54,mbtmp3.3/3,Error ellipse: s-maj=50.7km s-min=43.3km az=163.0

KRSC 05 13:56:12.3 0.7, 50.33N:154.62E,h295km,14km,ML3.7
ISC 05 13:56:10.9-1.1,50.8N:0.2-153.5E:0.1,h250km,n7, r165/9,mb3.0/3,Kuril Islands
Code Station Name Δ° AZZ Phase ID Time Res ISC

NOU 05 13:56:36.0,15.41S-167.53E,h19km,MLv4.1/5,Vanuatu Islands,Vanuatu Islands
Code Station Name Δ° AZZ Phase ID Time Res ISC
SANVU Saraoutou 0.32 263 P 13 56 44.1 +1.0
DVP Devitis Point 2.39 165 P 13 57 14 +0.3

NEIC 05 14:01:05.5-1.4, 19.4N:0.1:66.11W:0.04,h1km,12km, Error ellipse: s-maj=16.9km s-min=5.4km az=181.0
RSPR 05 14:01:09.1, 19.50N:66.13W,h66km,14km,MD3.4/1
ISC 05 14:01:05.8-1.7,19.46N:0.08-66.08W:0.04,h14km,n46, r0591/49,12C-3D,Puerto Rico region

Code Station Name Δ° AZZ Phase ID Time Res ISC
EMPR Esperanza - Ma 1.07 204I eP Pg 14 01 26.9 +0.5
EMPR Esperanza - Ma 1.07 204 eS Sn 14 01 42.4 +1.5
ASKU Esperanza - Ma 1.07 204 P Pg 14 01 26.9 +0.5
EMPR Esperanza - Ma 1.07 204 IAML 14 01 42.4 +1.5

Code Station Name Δ° AZZ Phase ID Time Res ISC
CUPR Culebra, Puert 1.37 147I eP Pg 14 01 30.8 -1.4
CUPR Culebra, Puert 1.37 147 eS Sn 14 01 50.3 +0.3
CUPR Culebra, Puert 1.37 147 P Pg 14 01 30.8 -1.4
PDRR Patillas Dam, 1.44 178 IAML 14 01 31.9 -0.5

BER 05 14:13:35.2-1.2,67.59N:24.31E,h3km,4km,ML1.0, ML0.9(H/EL), Confirmed Earthquake
HEL 05 14:13:35.4-0.1,67.58N:24.35E,h6km,ML0.9, Confirmed Earthquake,Finland

Code Station Name Δ° AZZ Phase ID Time Res ISC
KLF Kolari 0.38 202 eP Pg 14 13 42.2 -0.5
KLF Kolari 0.38 202 eS Sn 14 13 47.0 -0.6
KLF Kolari 0.38 202 eS Sn 14 13 42.2 -0.5

LANU Lannavaara 1.00 299 eP Pg 14 13 53.5 -1.2
LANU Lannavaara 1.00 299 eS Sn 14 14 05.6 -2.1
LANU Lannavaara 1.00 299 eSB Sb 14 14 07.1 -1.6

TOF Tornio 1.51 180 eP Sn 14 14 02.0 -0.9
TOF Tornio 1.51 180 eS Sn 14 14 21.2 -1.6
TOF Tornio 1.51 180 MSG 14 14 24.4

KIF Kilpisjarvi 1.94 319 eP Pn 14 14 09.4 +0.6
KIF Kilpisjarvi 1.94 319 eS Sn 14 14 34.5 -1.0
KIF Kilpisjarvi 1.94 319 MSG 14 14 36.9

SALU Saltoluokta 2.25 268 eP Pn 14 14 13.2 0.0
SALU Saltoluokta 2.25 268 eS Sn 14 14 44.4 0.0
KEV Kevo 2.39 23 eSB Sn 14 14 46.2 +1.5

Code Station Name Δ° AZZ Phase ID Time Res ISC
ASKU Askersund 0.16 300 P Pg 14 14 13.6 -0.3
ASKU Linkoeeping 0.63 160 P S Pg 14 14 15.9 0.0
LNKU Linkoeeping 0.63 160 S S Pg 14 14 22.6 -0.4

IDC 05 14:21:56.1-6.9,22.12Sx175.06W,h0km,mb3.7/2, mb1.4,0/2,mb1m3.5/20,mbtmp3.7/2,Error ellipse: s-maj=281.0km s-min=62.5km az=146.0,Tonga Islands

Code Station Name Δ° AZZ Phase ID Time Res ISC
ASAR Alice Springs 46.84 258 P P 14 30 27.4 -0.8
WRA Warramunga Arr 47.11 263 P P 14 30 30.8 +0.5

NOU 05 14:44:44.2,40.83S:171.84E,h10km,MLv3.8/6,Off W. Coast of S. Island, N.Z.
WEL 05 14:44:46.9,41.5S:173E:1.1,h94km,15km,ML2.8/18, MLv2.8/18,Error ellipse: s-maj=0.0km s-min=0.0km az=87.4,South Island

Code Station Name Δ° AZZ Phase ID Time Res ISC
NHZ Nelson 0.30 72 P Pn 14 45 01.7 +0.9
TNZ Topohouse 0.46 189 P Pn 14 45 02.1 +0.3
QRZ Quartz Range 0.60 323 P Pn 14 45 02.6 -0.3

MARZ Manawaha 4.36 42 P Pn 14 45 56.9 +6.0

TAP 05 14:48:45.4,21.09N:121.98E,h177km,1km,ML3.8/D, Taiwan region

Code Station Name Δ° AZZ Phase ID Time Res ISC
LAY Lan-yu 1.03 337 P S Pn 14 49 13.0 0.0
LAY Lan-yu 1.03 337 S Sn 14 49 33.8 -0.8
TSEB Hengchuen, Pin 1.29 309 I P Pn 14 49 15.6 +0.4
TSEB Hengchuen, Pin 1.29 309 P Pn 14 49 37.7 -0.5

Code Station Name Δ° AZZ Phase ID Time Res ISC
SCZT Fangliu 1.80 316 P Pn 14 49 20.1 0.0
SCZT Fangliu 1.80 316 S Sn 14 49 45.7 -1.4
TTN Taitung 1.83 335 P Pn 14 49 21.0 +0.6
TTN Taitung 1.83 335 eS Sn 14 49 46.8 -1.0

Code Station Name Δ° AZZ Phase ID Time Res ISC
SSD Sandimen 2.07 323 I P Pn 14 49 23.4 +0.4
SSD Sandimen 2.07 323 S Sn 14 49 51.1 -1.2
CHKT Chengkung 2.08 344 eP Pn 14 49 24.0 +0.8
CHKT Chengkung 2.08 344 S Sn 14 49 51.7 -0.9

Code Station Name Δ° AZZ Phase ID Time Res ISC
WSSB Gushan 2.22 315 P Pn 14 49 25.7 +0.9
WSSB Gushan 2.22 315 S Sn 14 49 54.6 -0.8
TWM1 Shoushan 2.25 320 P Pn 14 49 25.7 +0.6
TWM1 Shoushan 2.25 320 S Sn 14 49 54.9 -1.2

LBMI	0.4nm1jnm94nm,1.0s	8.00	20	P	Pn	16 26 12.6 +3.6
KNRA	0.2nm583nm61nm,1.0s	8.34	153	P	Pn	16 26 13.9 +0.3
KNRA	Kununurra baz=8.4,SNR=408			S	S	16 27 43.3 -3.5
KNRA	Kununurra	8.34	153	Pn	Pn	16 26 13.5 0.0
KNRA	Kununurra			Sn	Sn	16 27 42.2 -4.6
KNRA	Kununurra 224nm,0.8s	8.34	153	P	P	16 26 14.1 +0.6
KDU	Kakadu	8.72	121	P	P	16 26 18.6 -0.2
KDU	Kakadu baz=8.7,SNR=184			S	S	16 27 54.7 -1.6
KDU	Kakadu	8.72	121	P	Pn	16 26 19.2 +0.4
KMSI	Cibinong 733nm5nm,0.7s	8.79	354	P	Pn	16 26 21.5 +1.7
FAKI	Fak Fak 956nm78nm,1.0s	9.07	55	P	Pn	16 26 26.3 +2.6
FAKI	Fak Fak	9.07	55	Pn	Pn	16 26 24.7 +1.0
FAKI	Fak Fak	9.07	55	P	P	16 26 26.3 +2.6
MRSI	Marisa 52nm,1.2s	9.12	341	P	Pn	16 26 24.8 +0.4
TNTI	Ternate 1jnm72nm,1.1s	9.30	16	P	Pn	16 26 29.9 +3.1
TNTI	Ternate	9.30	16	Pn	Pn	16 26 26.5 -0.3
TNTI	Ternate	9.30	16	P	P	16 26 30.3 +3.5
SRBI	Singaraja 42nm,1.0s	9.53	270	P	Pn	16 26 32.4 +2.5
SIJ	Sorong 1.3nm,0.3s,baz=217,slow=5.5,SNR=14	9.73	42	P	Pn	16 26 33.3 +0.6
SWI	Sorong 773nm66nm,0.9s	9.73	41	P	Pn	16 26 34.6 +1.9
FITZ	Fitzroy Crossi 3.1nm,0.3s,baz=358,slow=8.5,SNR=80	9.84	175	P	Pn	16 26 33.7 -0.4
FITZ	Fitzroy Crossi 4.3nm,0.3s,baz=85,slow=12,SNR=3.7			S	S	16 28 19.0 -4.7
FITZ	Fitzroy Crossi comp=Z,406nm,19.5s,baz=352,slow=39			LR	LR	16 26 33.3 -0.8
FITZ	Fitzroy Crossi baz=9.9,SNR=260	9.84	175	P	S	16 28 18.9 -4.8
FITZ	Fitzroy Crossi baz=9.9	9.84	175	Pn	Pn	16 26 33.3 -0.8
FITZ	Fitzroy Crossi 101nm,1.0s	9.84	175	P	Pn	16 28 34.3 +0.2
MPSI	Mapaga 477nm28nm,0.8s	9.84	330	P	Pn	16 26 34.4 +0.3
TOL2	Tolitoli 10.12 336			Pn	Pn	16 26 38.0 -0.1
TOL2	Tolitoli	10.12	336	P	Pn	16 26 41.0 +2.9
ABJI	Asem Bagus 2um57nm,1.1s	10.51	272	P	Pn	16 26 46.3 +3.0
JAGI	Jajag, Banyuwa 12.90 268			Pn	Pn	16 26 43.8 -0.5
PWJI	Pagerwojo 61nm,1.2s	10.57	270	P	Pn	16 27 19.9 +3.8
SRPI	Serui, Papua 32nm,0.9s	13.00	61	P	Pn	16 27 19.3 +1.8
BAKI	Blak 1um91nm,1.2s	13.23	59	P	Pn	16 27 22.4 +1.7
PCJI	Pacitan 91nm,0.6s	13.52	269	P	Pn	16 27 27.6 +3.1
PSA00	Pilbara Seismi 14.11 199			Pn	Pn	16 27 31.4 -1.1
PSA00	Pilbara Seismi	14.11	199	Pn	Pn	16 27 29.2 -3.3
WRA	Warramunga Arr 4.2nm,0.3s,baz=318,slow=13,SNR=155	14.84	143	P	Pn	16 27 38.4 -4.2
WRA	Warramunga Arr 4.7nm,0.3s,baz=313,slow=23,SNR=7.9			S	S	16 30 16.2 -1.0
WRA	Warramunga Arr comp=Z,514nm,18.5s,baz=335,slow=39			LR	LR	16 33 58.8
WRA	Warramunga Arr 14.84 143			i/P	i/P	16 27 38.2 -4.4
WRAB	Tennant Creek comp=Z,66nm,0.9s	14.84	143	i/P	i/P	16 27 38.7 -3.9
WRAB	Tennant Creek comp=Z,102nm,1.3s			pmax	pmax	
WRAB	Tennant Creek 14.84 143			Pn	Pn	16 27 37.8 -4.7
WB2	Warramunga Arr 14.85 143			Pn	Pn	16 27 38.1 -4.6
WRO	Warramunga Arr 14.97 142			Iamb	Iamb	16 27 39.7 -4.7
WRO	Warramunga Arr comp=Z,86nm,1.1s			LR	LR	16 34 13.7
DAV	Davao City (W) comp=Z,268nm,20.7s,baz=172,slow=40	15.22	3	LR	LR	16 27 47.6 -0.1
DAV	Davao City (W) 15.22 3			OR	OR	16 27 56.0 -1.2
STKI	Sintang comp=Z,2umcomp=Z,28nm,1.4s	15.66	301	P	P	16 28 05.6 -2.3
JAY	Jayapura 16.79 71			Pn	Pn	16 28 06.7 -2.2
KMSI	Cisempet, Garu comp=Z,0.2nm,0.3s,baz=102,slow=22,SNR=1.9	16.87	271	P	Pn	16 28 12.8 +0.6
LEM	Lembang comp=Z,2.0nm,0.3s,baz=102,slow=22,SNR=2.2	17.12	274	P	Pn	16 35 32.3
LEM	Lembang comp=Z,1um,21.0s,baz=101,slow=10			LR	LR	16 28 10.2 +8.4
KSM	Kuching 17.40 303			P	Pn	16 28 14.5 -3.1
GIRL	Giralala 17.58 214			Iamb	Iamb	16 28 50.4
AS31	Alice Springs 17.64 151			P	Pn	16 28 16.2 -2.1
ASAR	Alice Springs 17.64 152			P	Pn	16 28 17.5 -0.8
ASAR	Alice Springs comp=Z,1.1nm,0.3s,baz=321,slow=12,SNR=65			S	S	16 31 21.8 -1.2
ASAR	Alice Springs comp=Z,1.6nm,0.3s,baz=321,slow=20,SNR=7.1			LR	LR	16 36 13.5
ASAR	Alice Springs comp=Z,869nm,18.0s,baz=320,slow=40			Pn	Pn	16 28 16.1 -2.3
ASAR	Alice Springs 17.64 152			P	Pn	16 28 16.1 -2.3
TBP	Tagbilaran 17.84 357			P	P	16 28 19.7 -1.1
CBJI	Citeko comp=Z,101nm,0.9s	17.93	275	P	P	16 28 22.7 +0.2
DBJI	Dramaga comp=Z,25nm,0.4s	18.01	274	P	P	16 28 26.4 +3.1
QIS	Mount Isa baz=18.5,SNR=38	18.81	132	P	Pn	16 28 33.2 +0.4
COEN	Coen 18.87 109			P	Pn	16 28 31.6 -1.2
COEN	Coen 18.87 109			Pn	Pn	16 28 33.6 +0.1
XMIS	Christmas Isla comp=Z,41nm,1.0s	19.06	262	P	Iamb	16 28 32.6 -2.3
XMIS	Christmas Isla comp=Z,69nm,0.8s			Iamb	Iamb	16 28 40.6
MEEK	Meekeatharra baz=19,SNR=5.5	19.23	197	P	Pn	16 28 38.2 +0.4
PPBI	Panglip Pinang comp=Z,35nm,1.0s	19.57	287	P	Pn	16 28 43.5 +1.7
KLSI	Koolberran comp=Z,12nm,2.5s	20.28	279	P	Pn	16 28 51.9 +1.6
MDSI	Maura Dua comp=Z,5.2nm,1.1s	20.86	279	P	Pn	16 28 58.0 +0.9
MTSU	Mount Surprise baz=21,SNR=67	21.35	119	P	P	16 29 00.0 +0.3
MTSU	Mount Surprise comp=Z,37nm,1.2s	21.35	119	P	P	16 29 01.9 +2.2
DSRO	Dabo comp=Z,496nmcomp=Z,26nm,1.1s	21.60	290	P	P	16 29 04.9 +2.4
OOD	Oodnadatta comp=Z,77nm,0.8s	22.00	154	P	P	16 29 08.2 +1.6
PMG	Port Moresby comp=Z,28nm,0.9s,baz=284,slow=5.7,SNR=15	22.09	95	P	P	16 29 09.5 +1.8
PMG	Port Moresby 22.09 95			pmax	pmax	16 29 08.6 +0.9
PMG	Port Moresby comp=Z,68nm,0.9s	22.09	95	P	Iamb	16 29 08.6 +0.9
PMG	Port Moresby comp=Z,68nm,0.8s	22.09	95	P	Iamb	16 29 17.4
PMG	Port Moresby 22.09 95			P	P	16 29 11.2 +3.5
PMG	Port Moresby 22.09 95			P	P	16 29 11.1 +3.4
MORW	Morawa baz=22,SNR=4.7	22.31	201	P	P	16 29 12.1 +2.1
MORW	Morawa 22.31 201			P	P	16 29 10.8 -2.0
MORW	Morawa comp=Z,34nm,2.3s	22.31	201	P	P	16 29 13.1 +3.1
FORT	Forrest baz=23,SNR=21	22.63	173	P	P	16 29 14.1 +0.8
FORT	Forrest 22.63 173			Iamb	Iamb	16 29 12.2 -1.2
FORT	Forrest comp=Z,67nm,0.8s			Iamb	Iamb	16 29 25.2
MYKOM	Kota Tinggi 23.17 295			P	P	16 29 24.0 +4.9
MANU	Manus Island 23.26 76			P	P	16 29 19.9 -0.2
BLDU	Ballidu baz=24,SNR=22	23.53	198	P	P	16 29 22.9 +0.5
BLDU	Ballidu comp=Z,50nm,1.0s	23.53	198	P	P	16 29 23.4 +0.5
MULD	Mulgathing comp=Z,44nm,1.3s	23.57	160	P	P	16 29 25.5 +3.6
CTA	Charters Tower comp=Z,16nm,0.8s,baz=298,slow=12,SNR=24	23.84	122	P	P	16 29 27.8 +2.2

CTA	Charters Tower comp=Z,31nm,1.1s	23.84	122	P	P	16 29 28.0 +2.4
CTAO	Charters Tower comp=Z,50nm,1.2s	23.84	122	P	pmax	16 29 26.1 +0.4
CTAO	Charters Tower comp=Z,50nm,1.2s	23.84	122	P	Iamb	16 29 26.1 +0.4
CTAO	Charters Tower comp=Z,50nm,1.2s	23.84	122	P	Iamb	16 29 39.8
CTAO	Charters Tower comp=Z,50nm,1.2s	23.84	122	P	P	16 29 28.9 +3.3
INKA	Innamirapi comp=Z,90nm,0.9s	24.55	144	P	P	16 29 44.3 +2.8
MUN	Mundaring baz=25,SNR=3.7	24.95	198	P	P	16 29 37.7 +2.1
LCRK	Leigh Creek comp=Z,62nm,1.0s	25.40	152	P	P	16 29 44.4 +4.7
NWAO	Narrogin (SRO) comp=Z,16nm,1.1s,baz=51,slow=15,SNR=3.5	25.56	195	P	P	16 29 43.0 +1.8
NWAO	Narrogin (SRO) baz=26,SNR=4.5	25.56	195	P	P	16 29 42.8 +1.6
NWAO	Narrogin (SRO) baz=26,SNR=4.5	25.56	195	P	P	16 29 42.8 +1.6
NWAO	Narrogin (SRO) comp=Z,83nm,1.7s	25.56	195	P	pmax	16 29 40.6 -0.5
NWAO	Narrogin (SRO) comp=Z,83nm,1.7s	25.56	195	P	pmax	16 29 40.6 -0.5
NWAO	Narrogin (SRO) comp=Z,83nm,1.7s	25.56	195	P	Iamb	16 29 40.6 -0.5
NWAO	Narrogin (SRO) comp=Z,83nm,1.7s	25.56	195	P	P	16 29 44.5 +3.4
NWAO	Narrogin (SRO) comp=Z,83nm,1.7s	25.56	195	P	P	16 29 44.0 +2.9
QLP	Outliffe baz=26,SNR=8.7	25.92	137	P	P	16 29 45.2 +0.6
BVP	Callao Caves comp=Z,25nm,1.1s	26.90	297	P	P	16 30 00.0 +6.5
BBOO	Buckleboo baz=27,SNR=10.0	27.61	288	P	P	16 30 03.0 +2.7
BBOO	Buckleboo 27.61 288			Iamb	Iamb	16 29 51.2 +0.7
BBOO	Buckleboo 27.61 288			Iamb	Iamb	16 29 58.2
IPM	Ipoh comp=Z,12nm,0.8s,baz=159,slow=5.3,SNR=13	27.61	297	P	P	16 30 00.0 +6.5
KULM	Kulim 27.61 297			P	P	16 30 03.0 +2.7
PSI	Prapat comp=Z,12nm,0.8s,baz=159,slow=5.3,SNR=13	27.61	297	P	P	16 30 06.1 +2.0
STKA	Stephens Creek comp=Z,28,SNR=11	28.22	149	P	P	16 30 07.1 +2.0
STKA	Stephens Creek comp=Z,28,SNR=11	28.22	149	P	P	16 30 07.5 +2.4
STKA	Stephens Creek comp=Z,28,SNR=11	28.22	149	eP	P	16 30 06.1 +1.0
BSWZ	Blackbirch Sta comp=Z,6.5nm,0.7s,baz=315,slow=8.9,SNR=7.1	28.22	149	P	P	16 30 05.7 +2.2
STKA	Stephens Creek 28.22 149			P	P	16 30 07.2 +2.2
HTT	Hallett baz=28,SNR=7.6	28.25	155	P	P	16 30 07.2 +2.2
UBPT	Khong Chiang comp=Z,54nm,1.8s	30.23	321	P	Iamb	16 30 23.1 0.0
UBPT	Khong Chiang comp=Z,54nm,1.8s	30.23	321	P	Iamb	16 30 42.5
LHMI	Lhok Sumawe 30.86 295			P	P	16 30 27.5 -1.2
TPUB	Ta-pu 31.61 353			P	P	16 30 35.1 -0.1
SSLB	Suanglung 32.05 353			Iamb	Iamb	16 30 37.1 -2.0
SSLB	Suanglung 32.05 353			Iamb	Iamb	16 30 38.8
ARPS	Armidale comp=Z,18nm,1.0s	32.34	154	P	P	16 30 44.2 +2.7
ARMA	Armidale baz=32,SNR=12	33.39	135	P	Iamb	16 30 51.6 +0.7
ARMA	Armidale 33.39 135			Iamb	Iamb	16 31 56.5
TOO	Toolangi comp=Z,29nm,1.2s	34.68	150	P	pmax	16 31 02.7 +0.8
TOO	Toolangi 34.68 150			P	P	16 31 02.7 +0.8
TOO	Toolangi comp=Z,29nm,1.2s	34.68	150	P	Iamb	16 31 11.8
CM31	Chiang Mai Arr comp=Z,23nm,0.8s	36.83	316	P	Iamb	16 31 21.3 +0.8
CM31	Chiang Mai Arr comp=Z,23nm,0.8s	36.83	316	P	Iamb	16 31 22.9
CMAR	Chiang Mai Arr comp=Z,14nm,0.8s,baz=141,slow=6.7,SNR=86	36.83	316	P	P	16 31 21.6 +1.2
CMAR	Chiang Mai Arr 36.83 316			P	P	16 31 20.6 +0.1
CHTO	Chiang Mai Arr 37.07 317			P	P	16 31 22.9 +0.3
CHTO	Chiang Mai Arr comp=Z,32nm,1.0s	37.07	317	pmax	pmax	
CHTO	Chiang Mai Arr comp=Z,32nm,1.0s	37.07	317	P	Iamb	16 31 22.9 +0.3
CHTO	Chiang Mai Arr 37.07 317			Iamb	Iamb	16 31 24.8
GYA	Gulyang comp=Z,32nm,1.0s	38.74	333	i/P	pmax	16 31 38.2 +1.5
GYA	Gulyang comp=Z,32nm,1.0s	38.74	333	pmax	pmax	
GYA	Gulyang comp=Z,29nm,0.9s	38.74	333	pmax	pmax	
GYA	Gulyang comp=Z,29nm,0.9s	38.74	333	pmax	pmax	
GYA	Gulyang comp=Z,110nm,4.2s	39.53	328	i/P	pmax	16 31 46.0 +2.6
KMI	Kunming 39.53 328			pP	pP	16 31 46.0 +2.6
KMI	Kunming 39.53 328			sP	sP	16 31 53.5 -1.7
KMI	Kunming 39.53 328			pmax	pmax	
WHN	Wuhan comp=Z,23nm,0.9s	39.85	346	i/P	P	16 31 47.3 +1.6
WHN	Wuhan 39.85 346			pmax	pmax	
NJ2	Nanjing comp=Z,51nm,0.9s	40.47	352	i/P	pmax	16 31 52.3 +1.5
NJ2	Nanjing 40.47 352			pmax	pmax	

Table with columns for station name, frequency, power, and coordinates. Includes stations like MPST, WBSI, BBOO, ARPS, TOO, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like OXF, CNJI, LBZ, WKZ, DCZ, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like SLVN, CN2, GSI, BJT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, CHAO Chiang Mai Arr, CHTO Chiang Mai, etc.

IDC 05 16:32:44.6:1.4, 3:51N; 126:60E, h0km, mb4.1/6, mb1 4.4/7, mb1mx3.9/43, mbtmp4.2/7, ML4.6/1 Error ellipse: s-maj=66.4km s-min=18.6km az=58.0

DJA 05 16:32:49.5:1.0, 4:19N; 127:7E, h44km, 15km, MA2.8/8, mb4.5/2, mb4.5/1, MLV4.0/8, MW(MB)3.7/1

NEIC 05 16:32:50.0:1.6, 3:49N; 0:09; 126:64E; 0:07, h41km, gkm, mb4-2/2, Error ellipse: s-maj=13.4km s-min=9.9km az=27.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SGSI Sangihe, TATI Ternate, KMSI Cibinong, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, CHAO Chiang Mai Arr, CHTO Chiang Mai, etc.

IDC 05 16:40:34.4:1.4, 3:70S; 150:30E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/29, mbtmp3.8/6, ML1.1/1, Error ellipse: s-maj=79.4km s-min=23.2km az=127.0

ISC 05 16:40:38.6:1.0, 3:50S; 150:30E; 0.4, h27km, n7, n0=59/7, mb3.8/5, New Ireland region

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

IDC 05 16:57:25.6:3.7, 3:33S; 150:29E, h0km, mb3.7/2, mb1 4.2/12, mb1mx3.5/39, mbtmp3.8/4, ML2.5/2, Error ellipse: s-maj=113.1km s-min=43.1km az=104.0, New Ireland region

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

IDC 05 17:01:14.8:1.4, 3:76S; 150:81E, h0km, mb4.0/9, mb1 4.2/12, mb1mx4.0/39, mbtmp4.0/12, ML2.6/2, MS3.8/10, Ms1 3.8/10, ms1mx3.6/7, Error ellipse: s-maj=43.3km s-min=17.8km az=110.0

NEIC 05 17:01:16.1:1.7, 3:8S; 0:1; 150:88E; 0:03, h13km, gkm, mb4.4/11, Error ellipse: s-maj=15.3km s-min=3.8km az=190.0

DJA 05 17:01:19.0:2.0, 4:5S; 15:1E, h22km, 16km, MA3.3/18, mb4.4/18, MLV4.3/3

ISC 05 17:01:19.4:0.6, 3:76S; 0:07; 150:90E; 0:07, h35km, n46, n178/39, mb4.4/19, MS3.9/6, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABUL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

GUMO Guam, 18.25 341 LR, 17 10 48.3

SANJ Sanjaoutou, 18.81 127 P, 17 05 45.5 -1.5

SUJI Sorong, 19.83 278 P, 17 05 44.8 -2.6

SIJI Sorong, 18.15 328 LR, 17 13 22.7

SWI Sorong, 19.84 278 P, 17 05 50.6 +1.5

BNDI Bandanaira, 20.96 267 P, 17 06 00.2 +0.6

EIDS Eidsvold, 21.49 180 P, 17 06 03.7 -1.5

MTN Manton Dam, 21.53 244 P, 17 06 03.7 -2.0

WRB Warramunga Arr, 21.64 224 P, 17 06 15.8 -1.8

WR0 Warramunga Arr, 22.67 223 P, 17 06 16.7 -1.2

WRAB Tennant Creek, 22.78 224 Iamb, 17 06 14.4 -4.7

WB2 Warramunga Arr, 22.79 224 Iamb, 17 06 17.4 -1.7

WRA Warramunga Arr, 22.80 224 P, 17 06 18.1 -1.2

WRB Warramunga Arr, 22.80 224 P, 17 06 16.6 -2.7

DZM Mont Dzumac, 23.64 142 LR, 17 14 57.9

TNTI Ternate, 23.95 280 P, 17 06 31.5 +0.9

TNTI Ternate, 23.95 280 P, 17 06 26.6 -4.1

SANI Sanana, 24.94 273 P, 17 06 40.5 +0.8

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

IDC 05 17:02:35.0:0.6, 3:70S; 171:73W, h0km, mb4.4/10, mb1 4.5/14, mb1mx4.4/26, mbtmp4.4/14, ML4.3/4, MS3.7/5, Ms1 3.7/5, ms1mx3.5/28, Error ellipse: s-maj=23.0km s-min=17.3km az=84.0

NEIC 05 17:02:38.8, 3:06S; 71:91W, h2km, Moment Tensor Solution. Moment tensor: Scale 1019Nm; Mr=1.4; Mw=1.58; Mw=5.0; Mo=0.99; Mw=0.5; Mw=1.33; Fault plane solution: Ms5.36000x1015 NP1: 16.47000; 55.04000, lambda=68.60000. NP2: 162.10000; 840.27000; lambda=117.56000. Principal axes: T 5.8848, P1g8.0000, Azm91.0000; N -1.2692, P1g7.0000; Azm184.0000; P -4.6156, P1g7.0000; Azm338.0000

GUC 05 17:02:39.5:0.6, 3:07S; 71:71W, h33km, 1km, ML4.8, Ms1 3.7/5, ms1mx3.5/28, Error ellipse: s-maj=23.0km s-min=17.3km az=84.0

NEIC 05 17:02:39.3:0.4, 3:07S; 71:72W, h27km, mb4.6, NEIC 05 17:02:39.7:0.1, 3:07S; 70:02W, h26km, 3km, mb4.6/43, Mw4.4/33, ML4.8(GUC), Error ellipse: s-maj=11.0km s-min=1.7km az=101.0

ISC 05 17:02:39.4:0.6, 3:07S; 71:73W; 0:05, h30km, 4km, n191, n1916/202, mb4.6/30, 4C-10D, Fault plane solution: NP1: 16.47000; 55.04000, lambda=68.60000. NP2: 162.10000; 840.27000; lambda=117.56000. Principal axes: T P1g12.8627, Azm90.0208; N P1g31.0285; Azm187.9120; P P1g55.8445; Azm340.3631; Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, CO03 El Pedregal, etc.

CO03 El Pedregal, 0.90 98 P, 17 02 56.7 +0.1

CO06 Fray Jorge, 0.09 61 Sg, 17 02 48.5 +0.1

CO06 Fray Jorge, 0.09 61 Sg, 17 02 48.5 +0.1

CO03 El Pedregal, 0.90 98 P, 17 02 56.7 +0.1

CO03 El Pedregal, 0.90 98 P, 17 02 56.7 +0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

CO05 La Serena, 0.90 28 P, 17 03 08.1 -0.1

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

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5d 18h

Table with columns: Station, Name, Frequency, Power, Direction, and other details. Includes stations like BVAR Borovoye Array, BRVK Borovoye, and various other locations.

2015 NOV

Table with columns: Station, Name, Frequency, Power, Direction, and other details. Includes stations like EUNU Eureka, AB31 Akbulak array, and various other locations.

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Table with columns: Station, Name, Frequency, Power, Direction, and other details. Includes stations like J04D Umppqua Nationa, E08A Dider Farm, and various other locations.

5d 18h

Table with columns: MDOB, Station Name, Frequency, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Mudrunn, 5 Mile Ranch, 4UR Ranch, etc.

2015 NOV

Table with columns: TNS, Station Name, Frequency, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Taunus Mts, Cookes Peak, Bad Neuenahr, etc.

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Table with columns: Code, Station Name, Frequency, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SOEI, SOEI, BATI, etc.

MEX 05 18:04:45.7-1.3, 16.224N-98.06W, h14km, 18km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Frequency, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PNIG, YOIG, PEIG, etc.

MEX 05 18:04:56.3-0.5, 16.212N-98.04W, h10km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Frequency, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PNIG, YOIG, TXIG, etc.

BE0 05 18:12:41.3-0.6, 43.33N-17.14E, h6km, 3km, ML2.8/5
PDG 05 18:12:41.2-0.3, 43.34N-17.31E, h6km, ML2.6/12, Error ellipse: s-maj=0.4km s-min=0.6km az=0-0

LDG 05 18:12:42.1-0.1, 43.27N-17.33E, h2km, ML2.9/7, Error ellipse: s-maj=0.9km s-min=2.3km az=25-0
PRU Lajitas Array 87.35 54 P P 18 15 40.9 +0.5

RHSO 05 18:12:42.6-0.3, 43.33N-17.36E, h4km, ML2.8/17
ISC 05 18:12:41.9-0.9, 43.35N-17.27E, h13km, 6km, n99, -1590/172, 15C-17, Northwestern Balkan

Peninsula

Table with columns: Code, Station Name, Frequency, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RIC, MAK, STON, etc.

IDC 05 18:06:32.1-1.3, 8.24S-125.43E, h0km, mb4.0/3, mb1.4, 1/7, mb1mx3.745, mbtmpr4.0/7, ML3.74, MS3.4/2, h1.3, 4/2, ms1mx3.8/38, Error ellipse: s-maj=38.0km
DJA 05 18:06:34.9-0.3, 8.3S-121.5E, h10km, M4.0/7, mb4.2/6, MLV3.8/7
ISC 05 18:06:36.3-0.9, 8.35S-106.12547E, h0.09, h35km, n21, o197/21, mb4.1/3, Timor region

Table with columns: BOJS, Bojanci, 2.59 327, i Pn, Pb, 18 13 26.6 -1.6, 18 13 58.2 -1.8, 18 14 03.7, 18 13 26.4 -2.0, 18 13 27.3 +1.9, 18 13 33.7 -0.4, 18 14 00.2 +2.0, 18 13 28.2 +1.9, 18 13 02.3 +2.4, 18 13 28.5 +2.2, 18 13 28.8 +2.3, 18 14 03.4 -2.8, 18 13 29.9 -1.9, 18 13 27.9 +1.0, 18 13 29.8 +1.6, 18 13 36.5 +0.9, 18 13 30.8 +1.3, 18 14 06.5 +0.9, 18 13 33.6 +2.6, 18 14 10.7 +2.4, 18 13 32.3 +1.3, 18 13 35.7 +2.2, 18 13 35.6 +1.4, 18 13 36.1 -0.1, 18 13 40.9 +2.3, 18 14 24.4 +2.4, 18 13 42.7 +3.9, 18 13 47.2 -2.4, 18 14 25.2 -0.7, 18 14 30.0 +1.7, 18 13 45.8 +1.7, 18 14 32.8 +1.0, 18 13 51.0 +1.9, 18 13 55.2 +2.8, 18 14 48.0 +1.4, 18 13 57.5 +3.8, 18 14 57.0 -6.1, 18 13 59.5 +3.3, 18 14 56.5 +3.0, 18 14 52.9 -2.0, 18 14 01.2 +1.0, 18 14 08.1 +3.5, 18 15 15.4 +6.8, 18 14 09.1 +3.4, 18 14 10.2 +3.0, 18 14 12.6 +3.5, 18 14 11.0 +2.8, 18 14 12.6 +3.5, 18 15 16.8 +0.1, 18 14 16.8 +2.0, 18 15 29.0 +2.1, 18 14 26.7 +0.5, 18 15 43.2 -4.2, 18 14 48.3 -0.4, 18 14 57.8 -4.1, 18 14 50.0 +0.4, 18 14 32.8 -0.8, 18 14 38.0 +4.4, 18 15 56.7 -3.9, 18 14 36.0 +1.9, 18 15 56.9 -4.5, 18 14 36.0 +0.3, 18 15 59.3 -4.9, 18 14 39.4 +3.6, 18 15 59.6 -5.0, 18 15 11.8 -0.4, 18 15 13.3, 18 14 43.4 +0.9, 18 16 11.4 -5.2, 18 14 54.6 +0.5, 18 16 31.6 -5.7, 18 15 10.0 -0.6, 18 15 10.0 -0.6, 18 15 14.6 -0.3

Table with columns: JEW, Eniwo, 3.82 334, Pn, 18 33 11.9 +0.5, 18 33 15.8 -1.2, 18 33 17.0 -0.1, 18 34 04.6 -2.0, 18 33 20.4 0.0, 18 33 22.0 +0.9, 18 34 12.2 -1.6, 18 33 27.8 +0.5, 18 33 27.2 +0.7, 18 33 20.1 +0.4, 18 33 26.8 +1.6, 18 34 22.2 +1.1, 18 33 25.8 +0.5, 18 34 19.4 -1.8, 18 33 27.0 +0.9, 18 34 21.0 -1.7, 18 33 31.9 +1.4, 18 34 33.1 +2.6, 18 35 43.6, 18 33 31.7 +0.9, 18 33 31.7 +1.3, 18 33 32.4 +2.0, 18 33 31.9 +1.5, 18 34 28.9 -1.6, 18 33 47.0 +1.2, 18 33 50.8 +1.5, 18 35 01.9 -2.5, 18 33 51.8 +1.0, 18 33 55.2 -4.0, 18 35 08.6 -0.7, 18 34 06.1 +0.1, 18 34 38.7 +3.0, 18 34 34.4 -1.3, 18 40 20.7, 18 35 13.9 +3.0, 18 37 30.1 +1.8, 18 37 31.1 +2.0, 18 38 01.5 +1.2, 19 07 26.4, 19 07 26.4, 18 38 06.8 +3.3, 19 07 27.6, 18 38 05.8 +1.7, 18 38 04.9 +0.7, 18 38 17.6, 18 38 15.9 0.0, 18 38 18.0, 18 39 55.2 +3.5, 18 40 02.6 +1.4, 18 40 01.7 +0.6, 18 40 20.4 +1.3, 18 40 21.7 +2.6, 18 40 18.6 -0.5, 18 40 24.9 +1.5, 18 40 36.4 +1.2, 18 40 35.0 -0.2, 18 40 37.1 +1.3, 18 40 39.9 +0.1, 18 40 38.7 -1.1, 18 41 10.9 +1.2, 18 41 59.0 +1.0, 18 49 55.3 +1.9, 18 42 04.6 +0.8, 18 42 14.9, 18 42 16.9 -0.3, 18 42 42.6 +1.3, 18 42 42.5 +0.1, 18 43 08.2 +1.3, 18 43 33.4, 18 45 35.7, 18 43 10.8 +2.1, 18 43 29.4 +0.7, 18 43 30.2 +1.7, 18 43 49.4, 18 43 29.2 +0.6, 18 43 30.1 -3.2, 18 47 51.4, 18 47 51.4, 18 46 46.3 -5.6

Table with columns: MNK, 18 53 14.8, i, 18 53 14.8, 18 57 23.2 -2.7, 18 00 42.3, 18 34 04.6 -2.0, 18 33 20.4 0.0, 18 33 22.0 +0.9, 18 34 12.2 -1.6, 18 33 27.8 +0.5, 18 33 27.2 +0.7, 18 33 20.1 +0.4, 18 33 26.8 +1.6, 18 34 22.2 +1.1, 18 33 25.8 +0.5, 18 34 19.4 -1.8, 18 33 27.0 +0.9, 18 34 21.0 -1.7, 18 33 31.9 +1.4, 18 34 33.1 +2.6, 18 35 43.6, 18 33 31.7 +0.9, 18 33 31.7 +1.3, 18 33 32.4 +2.0, 18 33 31.9 +1.5, 18 34 28.9 -1.6, 18 33 47.0 +1.2, 18 33 50.8 +1.5, 18 35 01.9 -2.5, 18 33 51.8 +1.0, 18 33 55.2 -4.0, 18 35 08.6 -0.7, 18 34 06.1 +0.1, 18 34 38.7 +3.0, 18 34 34.4 -1.3, 18 40 20.7, 18 35 13.9 +3.0, 18 37 30.1 +1.8, 18 37 31.1 +2.0, 18 38 01.5 +1.2, 19 07 26.4, 19 07 26.4, 18 38 06.8 +3.3, 19 07 27.6, 18 38 05.8 +1.7, 18 38 04.9 +0.7, 18 38 17.6, 18 38 15.9 0.0, 18 38 18.0, 18 39 55.2 +3.5, 18 40 02.6 +1.4, 18 40 01.7 +0.6, 18 40 20.4 +1.3, 18 40 21.7 +2.6, 18 40 18.6 -0.5, 18 40 24.9 +1.5, 18 40 36.4 +1.2, 18 40 35.0 -0.2, 18 40 37.1 +1.3, 18 40 39.9 +0.1, 18 40 38.7 -1.1, 18 41 10.9 +1.2, 18 41 59.0 +1.0, 18 49 55.3 +1.9, 18 42 04.6 +0.8, 18 42 14.9, 18 42 16.9 -0.3, 18 42 42.6 +1.3, 18 42 42.5 +0.1, 18 43 08.2 +1.3, 18 43 33.4, 18 45 35.7, 18 43 10.8 +2.1, 18 43 29.4 +0.7, 18 43 30.2 +1.7, 18 43 49.4, 18 43 29.2 +0.6, 18 43 30.1 -3.2, 18 47 51.4, 18 47 51.4, 18 46 46.3 -5.6

IDC 05 18:33:14.8, 17.0, 12.43S; 167.07E, h253km, 159km, mb3.1/5, mbl1.3, 3.3/5, mb1mx3.0/5, mbtmp3.7/5, Error ellipse: s-maj=171.4km s-min=54.0km az=138.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, CTA Charters Tower, 21.44 247, Op, ISC, 18 37 43.5 +0.6, WRA Warramunga Arr, 32.36 253, P, 18 39 19.6 -0.7, ASAR Alice Springs, 33.44 246, P, 18 39 29.2 -0.6, FITZ Fitzroy Crossi, 40.41 257, P, 18 40 28.4 +0.2, ILAR Eielson Array, 84.51 18, P, 18 45 18.4 +0.1, ARCS ARCESS Array B, 118.17 346, PKP, 18 51 30.8 +0.1

IDC 05 18:40:00.3, 2.3, 7.35S; 129.23E, h138km, 29km, mb3.4/1, mb1 3.6/6, mb1mx3.2/39, mbtmp4.0/6, Error ellipse: s-maj=26.4km s-min=20.8km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, DRS Darwin Rock St, 5.26 163, P, 18 41 19.9 +3.6, FAKI Fak Fak, 5.32 34, P, 18 41 17.3 0.0, SOEI Eielson Array, 5.95 244, P, 18 41 21.5 +2.0, MTN Manton Dam, 5.72 162, P, 18 41 25.7 +3.3, KDU Kakadu, 6.13 149, P, 18 41 31.0 +3.1, BATI Baumata, 6.22 243, P, 18 41 30.9 +1.7, BATI Baumata, 6.22 243, S, 18 41 39.2 -0.3, SIJI Sorong, 6.77 17, P, 18 41 36.8 +0.3, SIJI Sorong, 6.77 17, S, 18 42 47.4 -5.1, KNRA Kununurra, 8.25 184, P, 18 41 57.7 +1.4, LUWI Luwuk, 9.05 314, P, 18 42 06.6 -0.3, FITZ Fitzroy Crossi, 11.22 198, P, 18 42 36.0 +0.4, FITZ Fitzroy Crossi, 11.22 198, S, 18 44 34.1 -5.6, WRA Warramunga Arr, 13.41 159, P, 18 43 05.2 +1.3, WRA Warramunga Arr, 13.41 159, S, 18 45 28.0 -4.4, ASAR Alice Springs, 16.78 165, P, 18 43 48.9 +3.1, ASAR Alice Springs, 16.78 165, S, 18 46 50.6 -1.8, MKAR Makanchi Array, 68.16 327, P, 18 50 45.2 +1.7

TEH 05 18:41:49.3, 31.53N; 59.94E, h8km, ML3.5, THR 05 18:41:50.4, 0.6, 31.52N; 59.94E, h14km, 8km, ML3.3, ISC 05 18:41:50.5, 1.0, 31.54N; 0.03, 59.98E; 0.05, h10km, n30, e124/34, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, NHDN Nehbandan, 0.15 158, Op, ISC, 18 41 52.6 -1.4, NHDN Nehbandan, 0.15 158, eSg, Pg, 18 41 55.9 -0.6, BSRN Basiran, 0.84 301, eSg, Pg, 18 42 05.8 -1.0, BSRN Basiran, 0.84 301, eSg, Pg, 18 42 17.5 -0.4, ISAH Dahanechah, 1.20 355, eSg, Pg, 18 42 05.9 +1.9, IDAH Dahanechah, 1.20 355, eSg, Sb, 18 42 29.9 +0.7, IKOO Kooshah, 1.21 317, eP, Pb, 18 42 12.4 -1.3, IKOO Kooshah, 1.21 317, eP, 18 42 15.1, IMON Monand, 1.67 351, eP, Pn, 18 42 21.1 +1.0, IMON Monand, 1.67 351, eP, 18 42 23.1, ITEG Tejag, 1.71 323, eP, Pn, 18 42 21.1 +0.5, ITEG Tejag, 1.71 323, eP, 18 42 24.5, ZHSF Zahedan, 2.04 160, ePn, Pn, 18 42 26.1 +1.1, ZHSF Zahedan, 2.04 160, ePn, Pn, 18 42 26.1 +1.1, AFRZ Afriz, 2.05 367, ePn, Pn, 18 42 25.6 +0.4, SHRT Shahrakht, 2.12 7, ePn, Pn, 18 42 27.9 +1.8, SHRT Shahrakht, 2.12 7, ePn, Pn, 18 42 27.9 +1.8, ZHDN Zahedan, 2.25 161, ePn, Pn, 18 42 28.5 +0.6, CHMN Cheshme madani, 2.69 232, ePn, Pn, 18 42 35.6 +1.5, CHMN Cheshme madani, 2.69 232, ePn, 18 43 14.2, KBAM BAM, 2.73 209, ePn, Pn, 18 42 34.7 +0.2, KBAM BAM, 2.73 209, ePn, 18 42 40.3, TPRV Parvadeh(Tabas TV Kerman), 3.16 299, ePn, Pn, 18 42 41.1 +0.7, TVBK TV Kerman, 3.17 242, ePn, Pn, 18 42 41.1 +0.7, TVBK TV Kerman, 3.17 242, ePn, 18 42 38.6, KRBR Kerman, 3.18 242, ePn, Sb, 18 42 41.9 +1.1, KRBR Kerman, 3.18 242, eSg, Sb, 18 43 28.4 +2.3, KRBR Kerman, 3.18 242, ePn, 18 43 32.8, KRBR Kerman, 3.18 242, ePn, 18 43 37.0, KRBR Kerman, 3.18 242, ePn, Pn, 18 42 41.9 +1.1, TKDS Koohdasht(Tabas Tabas), 3.21 311, ePn, Pn, 18 42 41.5 +0.8, TABS Tabas, 3.21 311, ePn, 18 43 40.6, TABS Tabas, 3.21 311, ePn, 18 43 40.6, TABS Tabas, 3.21 311, ePn, 18 42 42.3 +1.3, KHGB Koh Gabri, 3.23 250, ePn, Pn, 18 42 40.2 +0.6, KHGB Koh Gabri, 3.23 250, ePn, 18 43 33.0, NGRK Negar Kerman, 3.38 237, ePn, Pn, 18 42 44.8 +1.1, NGRK Negar Kerman, 3.38 237, ePn, 18 43 41.4, TBJM Tobar-e Jiam, 3.73 4, ePn, Pn, 18 42 49.3 +1.0, TNSJ Nastaaj, 3.73 311, ePn, Pn, 18 42 48.8 +0.5, IMEH Mehriz, 4.59 270, ePn, Pn, 18 43 01.5 +1.3, SRVN Saravan, 4.63 152, ePn, Pn, 18 43 03.0 +2.4, PAYeh Payeh, 4.97 351, ePn, Pn, 18 43 07.1 +1.7

IDC 05 18:22:49.1, 3.6, 3.99S; 150.79E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/35, mbtmp3.8/3, MS3.7/1, Ms1 3.6/1, ms1mx2.8/46, Error ellipse: s-maj=111.0km s-min=50.2km az=115.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr, 22.55 224, P, 18 27 51.0 -0.1, ASAR Alice Springs, 25.47 218, P, 18 28 18.9 -0.3, FITZ Fitzroy Crossi, 28.33 239, P, 18 28 45.5 +0.6, STKA Stephens Creek, 29.06 196, LR, 18 40 29.8, TORD Torodi Arr, 148.15 289, PKPbc, 18 42 37.4 -0.7

MOS 05 18:32:11.4, 0.9, 39.30N; 143.89E, h14km, mb4.5/11, Error ellipse: s-maj=11.5km s-min=6.7km az=86.8

IDC 05 18:32:11.5, 1.1, 39.31N; 143.88E, h0km, mb3.8/11, mb1 3.9/16, mb1mx3.7/68, mbtmp3.9/16, ML3.5/5, MS3.6/3, Ms1 3.6/3, ms1mx2.9/60, Error ellipse: s-maj=24.6km s-min=17.1km az=104

NEIC 05 18:32:12.8, 1.3, 39.39N; 0.06; 143.78E; 0.07, h10km, 1km, mb4.3/6, Error ellipse: s-maj=10.3km s-min=9.1km az=207.0

NIED 05 18:32:14.9, 39.38N; 143.62E, h39km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm, Mns: 5.43; Mno: 0.56; Mop: -5.98; Mro: 0.42; Mso: -0.68; Msr: 1.49; Fault plane solution: Ms: 5.940000x10^14 Np1: 0.900000, s53.000000, s94.000000, NP2: 0.918300000, s38.000000, 7.85.000000

JMA 05 18:32:14.9, 0.2, 39.38N; 143.62E, h39km, M4.1, ISC 05 18:32:12.6, 0.6, 39.42N; 0.05; 143.70E; 0.06, h10km, n77, e250/94, mb4.2/23, MS4.0/4, 6C-4D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, MIYJ Miyakonagasawa, 1.46 277, P, 18 32 38.8 -0.2, MIYJ Miyakonagasawa, 1.46 277, eS, Pn, 18 32 56.1 -2.1, JTM Tachonata, 1.51 291, P, 18 32 39.6 -0.1, OFLU Ofunato, 1.61 259, P, 18 32 40.0 +0.3, JOM Ohasama, 1.86 273, P, 18 32 44.9 +0.3, JANG Nango, 1.93 300, P, 18 32 45.1 -0.4, JMK Ichinoseki, 1.98 257, P, 18 32 46.3 +0.2, JMK Ichinoseki, 1.98 257, eS, Pn, 18 33 09.1 -1.9, JMK Ichinoseki, 1.98 257, eS, Pn, 18 32 46.8 -0.5, JIO Ouri, 2.07 243, eP, S, 18 33 11.0 -2.2, JTM Tenmabayashi, 2.44 305, P, 18 32 52.4 0.0, ERM Erimo, 2.63 351, eP, Pb, 18 32 57.8 -1.9, ERM Erimo, 2.63 351, Pn, 18 32 54.1 -1.0, JMK Kaneyama, 2.64 260, P, 18 32 55.9 +0.6, JMM Marumori, 2.75 237, P, 18 32 53.1 -1.1, JOT Ohata, 2.82 315, P, 18 32 59.2 +1.5, JNBK Urakawa-nobuka, 2.95 346, P, 18 33 01.4 +1.9, JNBK Urakawa-nobuka, 2.95 346, eS, Pn, 18 33 36.0 +1.1, JNK Churui, 3.21 356, P, 18 33 04.6 +1.6, JCH Churui, 3.21 356, P, 18 33 41.4 +0.2, JCH Churui, 3.21 356, S, 18 33 43.0 +0.2, JAW Awa shima, 3.25 235, P, 18 33 09.4 +1.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include Liberty Lake, Quay, Sooner Cattle, Winter Ranch, Westminster Rd, OKLAHOMA CITY, Franklin, Smith Ranch, Bolivar, Maddies Statio, Muleshoe, Black Hills.

NEIC 05 20:44:11.4, 1.3, 18.2S:0.1x178.3W:0.2, h605km, 8km, mb4.2/51, Error ellipse: s-maj=24.5km s-min=16.5km az=126.0

IDC 05 20:44:12.5, 1.3, 18.06S:178.43W, h620km, 16km, mb3.4/17, mb1 3.6/18, mb1mx3.4/36, mbtmp3.4/18, Error ellipse: s-maj=19.5km s-min=11.0km az=149.0

ISC 05 20:44:08.8-0.5, 18.0S:0.1x178.4W:0.1, h579km, n138, c089, 1/36, mb4.1/40, 1/60-3D, Fiji Islands region

Main table of station data for the first section, including codes like MSVF, Nonsavu, KANTON, URZ, Urewera, PLWZ, Palisier, NHZ, Nelson, THZ, Topohouse, etc.

Main table of station data for the second section, including codes like MCMT, McKenzie Canyon, YHL, Hebgen Lake, PDAR, Pinedale Array, etc.

IDC 05 20:44:03.6:2.4, 6.01S:151.67E, h0km, mb3.3/4, mb1 3.6/5, mb1mx3.4/33, mbtmp3.4/5, ML1.7/1, Error ellipse: s-maj=133.6km s-min=28.9km az=131.0

ISC 05 20:44:09.2:2.1, 6.15S:0.7x151.6E:0.7, h41km, n6, c088/7, mb3.2/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include Karatay Array, Port Moresby, AAK, Ala-Archa, etc.

NNC 05 21:45:39.6:2.4, 36.99N:70.47E, h0km, mb3.7, mpv3.4, 3C-2D, Error ellipse: s-maj=18.8km s-min=16.4km az=167.0, Hindu Kush region

Main table of station data for the third section, including codes like KK31, Karatay Array, AAK, Ala-Archa, TKM2, Tokmak 2, etc.

Main table of station data for the fourth section, including codes like SAO, San Andreas Ge, HAST, Hastings Reser, HAST, Saint Francis, etc.

DJA 05 21:19:55.5:2.0, 3.2S:4.9E, h20km, 14km, M3.8/11, mb3.4/1, MLV3.9/11

IDC 05 21:20:32.1:19.0, 1.67S:101.142E, h263km, 176km, mb2.7/4, mb1 3.0/4, mb1mx2.7/49, mbtmp3.4/4, Error ellipse: s-maj=237.9km s-min=20.3km az=55.0

ISC 05 21:20:05.9:1.1, 2.63S:108.100E:0.08, h50km, n13, c2610/10, mb3.3/3, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PPSI, Pulau Pagai, PPSI, Padang, SISI, Saiba, etc.

ellipse: s-maj=57.8km s-min=32.5km az=160.0
 SOME 05:21:20.28.2.37.68N.78.33E,h5km
 NNC 05:21:20.31.3.1.4.37.70N.78.29E,h0km,mb4.1,mpv3.7,
 Error ellipse: s-maj=11.8km s-min=9.6km az=91.0
 ISC 05:21:20.24.9.1.8.37.03N.0.10.78.29E.0.08,h10km,n48,
 e1567/69,mb3.6/3,4C-6D,Southern Xinjiang

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SATY	Saty	6.03	1	Op	Pb	21 22 10.6	+0.5
SATY	Saty			eS	Sb	21 23 24.4	+2.0
SATY	Saty	6.03	1	Pg	Pb	21 22 10.6	+0.5
SATY	Saty			Lg	Lg	21 23 24.4	
TNSS	Tian-Shan	6.09	351	eP	Pb	21 22 10.1	-1.2
TNSS	Tian-Shan			eS	Sb	21 23 23.6	-0.9
TNSS	Tian-Shan	6.09	351	Pg	Pb	21 22 10.1	-1.2
TNSS	Tian-Shan			Lg	Lg	21 23 23.6	
ITV	Izvestkoviy	6.14	348	eP	Pb	21 22 11.6	-0.5
IZV	Izvestkoviy			eS	Sb	21 23 25.7	+0.1
IZV	Izvestkoviy	6.14	348	Pg	Pb	21 22 11.6	-0.5
IZV	Izvestkoviy			Lg	Lg	21 23 25.7	
UZB	Uzymbulak	6.14	5	eP	Pb	21 22 11.3	-0.7
UZB	Uzymbulak			eS	Sb	21 23 25.6	0.0
UZB	Uzymbulak	6.14	5	Pg	Pb	21 22 11.3	-0.7
UZB	Uzymbulak			Lg	Lg	21 23 25.6	
SHLS	Shalkode	6.19	8	eP	Pb	21 22 14.7	+1.9
SHLS	Shalkode			eS	Sb	21 23 31.3	+4.3
SHLS	Shalkode	6.19	8	Pg	Pb	21 22 14.7	+1.9
SHLS	Shalkode			Lg	Lg	21 23 31.3	
MDOK	Medeo	6.21	352	eP	Pb	21 22 12.8	-0.3
MDOK	Medeo			eS	Sb	21 23 28.1	+0.6
MDOK	Medeo	6.21	352	Pg	Pb	21 22 12.8	-0.3
MDOK	Medeo			Lg	Lg	21 23 27.7	
MDOK	Medeo	6.21	352	Pg	Pb	21 22 12.8	-0.3
MDOK	Medeo			Lg	Lg	21 23 28.1	+0.6
TKM2	Tokmak 2	6.24	341	∩Pn	Pn	21 21 57.4	+0.2
TKM2	Tokmak 2			∩Pg	Pb	21 22 11.3	-2.5
TKM2	Tokmak 2			∩Lg	Lg	21 23 27.1	
KOTS	Kotyrybulak	6.27	352	eP	Pb	21 22 14.8	+0.6
KOTS	Kotyrybulak			eS	Sb	21 23 31.4	+2.2
KOTS	Kotyrybulak	6.27	352	Pg	Pb	21 22 14.8	+0.6
KOTS	Kotyrybulak			Lg	Lg	21 23 31.4	
KST	Kastek	6.27	344	eP	Pb	21 22 15.6	+1.4
KST	Kastek			eS	Sb	21 23 32.7	+3.4
KST	Kastek	6.27	344	Pg	Pb	21 22 15.6	+1.4
KST	Kastek			Lg	Lg	21 23 32.7	
AAK	Ala-Archa	6.32	334	∩Pn	Pn	21 21 58.1	-0.2
AAK	Ala-Archa			∩Pg	Pb	21 22 14.2	-0.9
AAK	Ala-Archa			∩Lg	Lg	21 23 31.2	
PDGK	Podgornoye	6.36	8	Pg	Pb	21 22 14.6	-1.2
PDGK	Podgornoye			Lg	Lg	21 23 31.1	
PDGK	Podgornoye	6.36	8	∩Pn	Pn	21 21 56.5	-2.3
PDGK	Podgornoye			∩Pg	Pb	21 22 14.9	-0.9
PDGK	Podgornoye			∩Lg	Lg	21 23 31.0	
KURS	Kuram	6.46	359	eP	Pb	21 22 17.0	-0.4
KURS	Kuram			eS	Sb	21 23 35.2	+0.7
KURS	Kuram	6.46	359	Pg	Pb	21 22 17.0	-0.4
KURS	Kuram			Lg	Lg	21 23 35.2	
DGS	Degeres	6.50	344	eP	Pb	21 22 19.0	+0.9
DGS	Degeres			eS	Sb	21 23 38.6	+2.7
DGS	Degeres	6.50	344	Pg	Pb	21 22 19.0	+0.9
DGS	Degeres			Lg	Lg	21 23 38.6	
KTMS	Ketmen	6.60	13	eP	Pb	21 22 19.9	0.0
KTMS	Ketmen			eS	Sb	21 23 40.0	+1.1
KTMS	Ketmen	6.60	13	Pg	Pb	21 22 19.9	0.0
KTMS	Ketmen			Lg	Lg	21 23 40.0	
KTBS	Karabatoe	6.79	350	eP	Pb	21 22 23.3	+0.3
KTBS	Karabatoe			eS	Sb	21 23 46.2	+2.0
KTBS	Karabatoe	6.79	350	Pg	Pb	21 22 23.3	+0.3
KTBS	Karabatoe			Lg	Lg	21 23 46.2	
CHKK	Chushkaly	6.89	352	eP	Pb	21 22 24.8	0.0
CHKK	Chushkaly			eS	Sb	21 23 48.3	+1.2
CHKK	Chushkaly	6.89	352	Pg	Pb	21 22 24.8	0.0
CHKK	Chushkaly			Lg	Lg	21 23 48.3	
KRB5	Karabastau	6.96	344	eP	Pb	21 22 25.2	-0.6
KRB5	Karabastau			eS	Sb	21 23 49.4	+0.5
KRB5	Karabastau	6.96	344	Pg	Pb	21 22 25.2	-0.6
KRB5	Karabastau			Lg	Lg	21 23 49.4	
KUU	Kurty	7.02	348	eP	Pb	21 22 28.8	+1.8
KUU	Kurty			eS	Sb	21 23 55.6	+4.9
KUU	Kurty	7.02	348	Pg	Pb	21 22 28.8	+1.8
KUU	Kurty			Lg	Lg	21 23 55.6	
BLB	Baldybastay	7.07	1	Pg	Pb	21 22 27.6	-0.2
BLB	Baldybastay			Lg	Lg	21 23 53.4	
ARXS	Arharly	7.19	357	eP	Pb	21 22 29.2	-0.6
ARXS	Arharly			eS	Sb	21 23 55.9	+0.3
ARXS	Arharly	7.19	357	Pg	Pb	21 22 29.2	-0.6
ARXS	Arharly			Lg	Lg	21 23 55.9	
DJR	Jarkent	7.39	8	eP	Pb	21 22 34.2	+1.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
DJR	Jarkent	7.39	8	Pg	Pb	21 22 34.2	+1.0
DJR	Jarkent			Lg	Lg	21 24 04.8	
KAPS	Kapalarasan	8.29	5	eP	Pb	21 22 50.2	+1.7
KAPS	Kapalarasan			eS	Sb	21 24 32.4	+5.1
KAPS	Kapalarasan	8.29	5	Pg	Pb	21 22 50.3	+1.7
KAPS	Kapalarasan			Lg	Lg	21 24 32.4	
MK31	Makanchi Array	10.20	16	Pn	Pn	21 22 50.2	-1.2
MKAR	Makanchi Array	10.20	16	Pn	Pn	21 22 50.8	-0.6
MKAR	Makanchi Array			Sn	Sn	21 24 35.8	-1.0
ZALV	Zalesovo Beam	17.52	19	Pn	Pn	21 24 27.8	-1.2
SOMN	Songino Array	23.26	53	P	P	21 25 34.9	+2.3
FINES	FINES Array B	40.41	324	P	P	21 28 03.1	+0.3
NOA	NORSAR Array B	47.51	323	P	P	21 29 00.1	+0.2

JMA 05:21:25.22.5.0.1.39.40N.143.71E,h35km,M4.0
 NIED 05:21:25.22.6.39.40N.143.71E,h35km,MW3.7,Moment
 Tensor Solution, s3 Moment tensor: Scale 10¹⁴Nm;
 M₁₁:3.0; M₂₂:0.29; M₃₃:3.60; M₁₂:0.08; M₁₃:0.49; M₂₃:0.69;
 Fault plane solution: M₀:3.550000e10¹⁴ NP1:
 φ₁:353.00000°; δ₁:51.00000°; λ₁:0.00000°; NP2:
 φ₂:173.00000°; δ₂:83.00000°; λ₂:0.00000°;
 IDC 05:21:25.26.8.2.6.39.34N.143.39E,h46km,mb3.3/7,
 mb1 3.6/10,mb1mx3.4/52,mbtmp3.6/10,ML3.4/3 Error
 ellipse: s-maj=29.0km s-min=20.0km az=98.0
 ISC 05:21:25.24.9.0.8.39.39N.0.05.143.67E.0.07,h35km,n29,
 e1526/33,mb3.5/7,Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res	
						h m s	ISC	
MIYJ	Miyakonagasawa	1.45	278	Op	Pn	21 25 47.6	-0.9	
MIYJ	Miyakonagasawa			eS	Sb	21 26 05.7	-0.6	
JTH	Tanohata	1.50	292	P	Sn	21 25 48.3	-1.0	
JTH	Tanohata			S	Sn	21 26 18.3	-0.5	
OFUJ	Ofunato	1.58	260	P	Sn	21 25 49.7	-0.7	
OFUJ	Ofunato			S	Sn	21 26 09.8	+0.1	
JOM	Ohasama	1.84	273	P	Pn	21 25 53.8	-0.2	
JANG	Nango	1.93	301	P	Pn	21 25 54.0	-1.2	
JMK	Ichinoseki	1.95	258	P	Pn	21 25 55.1	-0.4	
JMK	Ichinoseki			S	Pn	21 26 12.9	+0.2	
JIO	Ouri	2.04	244	P	Pn	21 25 55.8	-0.8	
JYK	Kaneyama	2.62	261	P	Pn	21 26 04.8	+0.2	
JNBK	Urakawa-nobuka	2.98	347	P	Pn	21 26 10.4	+0.9	
JNBK	Urakawa-nobuka			S	Sn	21 26 48.8	+0.8	
JFT	Otama	3.21	236	P	Pn	21 26 12.7	-0.1	
JFT	Churui	3.23	256	P	Pn	21 26 12.9	+0.2	
JCH	Churui	3.23	256	P	Sn	21 26 49.4	-1.0	
JAK	Akkeshi	3.69	12	P	Sn	21 26 18.8	-0.5	
JAK	Akkeshi			eS	Sb	21 27 01.2	-0.4	
ASAJ	Asahikawa	4.79	351	P	Pn	21 26 35.7	+1.2	
ASAJ	Asahikawa			S	Sn	21 27 27.8	-1.0	
MAT	Matsushiro	5.17	238	P	Pn	21 26 40.9	+1.2	
MAT	Matsushiro			eS	Sb	21 27 39.4	+1.3	
MJH	Matsushiro Arr	5.17	238	P	Pn	21 26 39.8	+0.1	
MJH	Matsushiro Arr			S	Pn	21 27 04.2	-0.7	
JHJ	Hachijo jima 2	5.7n	0.3s	baz=75,slow=20,SNR=1.6	S	Sn	21 28 18.6	-4.6
H1N2	WAKE ISLAND Hy	28.00	128	T	T	22 00 40.6		
H1N1	WAKE ISLAND Hy	28.01	128	T	T	22 00 40.8		
H1N3	WAKE ISLAND Hy	28.02	128	T	T	22 00 31.9		
SOMN	Songino Array	28.05	300	P	P	21 31 12.1	-0.8	
H1S1	WAKE ISLAND Hy	28.01	130	T	T	22 01 43.5		
H1S3	WAKE ISLAND Hy	28.02	130	T	T	22 01 42.0		
H1S2	WAKE ISLAND Hy	28.03	130	T	T	22 01 47.1		
ZALV	Zalesovo Beam	41.70	310	P	P	21 33 09.6	-0.3	
MKAR	Makanchi Array	44.42	300	P	P	21 33 31.5	-0.6	
ILAR	Eielson Array	46.56	34	P	P	21 33 50.0	+1.3	
WRA	Warramunga Arr	59.66	190	P	P	21 35 25.4	-0.2	
ASAR	Alice Springs	63.38	190	P	P	21 35 50.2	-0.5	
NVAR	Mina Array Bea	72.17	55	P	P	21 36 49.4	+3.1	

IDC 05:21:27.09.8.2.3.5.78S.151.02E,h0km,mb3.3/3,
 mb1 3.6/3,mb1mx3.4/45,mbtmp3.3/3,Error ellipse:
 s-maj=154.8km s-min=32.5km az=126.0,New Britain
 region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	21.48	228	Op	Pn	21 32 00.6	+0.4
ASAR	Alice Springs	24.25	221	P	P	21 32 28.8	0.0
ILAR	Eielson Array	83.73	22	P	P	21 39 40.1	-0.3
IDC 05:21:30.31.1.2.2.0.18N.98.05E,h0km,mb3.6/5,mb1 3.6/7, mb1mx3.5/42,mbtmp3.5/7,ML3.4/2,MS2.7/1,Ms1 2.7/1, ms1mx2.4/33,Error ellipse: s-maj=72.2km s-min=22.8km az=64.0 DJA 05:21:30.35.1.1.0.0'N.4.9'E,h14km,10km,M4.3/12, mb4.5/4,MLV4.2/12 ISC 05:21:30.35.9.1.0.0.43N.0.07.98.00E.0.09,h29km,n22, e1563/22,mb3.7/5,Northern Sumatra							
GSI	Gungungetitoli	0.96	334	Op	Pn	21 30 53.1	-0.4
GSI	Gungungetitoli			S	Sn	21 31 06.1	-0.1
MNSI	Mandailing Nat	1.63	77	P	Pb	21 31 03.9	-1.3
SISI	Saibi	2.05	148	P	Pn	21 31 08.9	+1.6
PSI	Prapat	2.53	22	Pn	Pn	21 31 14.9	-0.2
PSI	Prapat			Sn	Sn	21 31 45.4	+0.2
PSI	Prapat	5.5n	0.3s	baz=181,slow=20,SNR=2.3	LR	21 31 56.7	
PPI	Padang Panjang	2.56	110	P	Pn	21 31 16.3	+0.9
PDSI	Padang	2.80	118	P	Pn	21 31 20.1	+1.2
TPFI	Tanjung	2.92	344	P	Pn	21 31 23.9	+1.6
BKNI	Bangkang	3.05	92	P	Pn	21 31 23.5	+0.6
TSNI	Tuntang	3.10	11	P	Pn	21 31 48.3	+0.9
LHMI	Lhok Sumawe	4.88	348	P	Pn	21 31 57.9	+1.5
MASI	Maura Aman, Be	5.53	130	P	Pn	21 32 16.0	+1.2
MNAI	Manna	6.87	134	P	Pn	21 32 30.6	+2.0
MDSI	Mura Dua	7.88	128	P	P	21 34 45.0	+1.2
CMAR	Chiang Mai Arr	17.94	3	P	P	22 03 30.2	

5d 23h

NEIC 05 22:03:42.0, 1.2, 43.82N, 0.05, 105.39W, 0.05, h0km, 2km, ML3.1/58, Error ellipse: s-maj=9.6km s-min=3.1km az=142.0

IDC 05 22:03:44.5, 1.7, 43.84N, 105.56W, h0km, mb1 3.7/3, mb1mx3.3/37, mbtmp3.4/3, ML3.3/3, Error ellipse: s-maj=50.6km s-min=0.0km az=149.0

ISC 05 22:03:41.7, 1.0, 43.80N, 0.04, 105.40W, 0.04, h0km, n40, r138/41, Wyoming

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Black Hills, Casper, Rawlins, LASA Array, Red Lodge, etc.

NEIC 05 22:05:50.6, 2.7, 43.65N, 0.06, 105.20W, 0.07, h0km, 2km, ML3.4/56, Error ellipse: s-maj=10.0km s-min=8.4km az=348.0

IDC 05 22:05:51.2, 1.7, 43.98N, 105.70W, h0km, mb1 3.7/3, mb1mx3.3/37, mbtmp3.4/3, ML2.5/2, Error ellipse: s-maj=9.1km s-min=9.2km az=148.0

ISC 05 22:05:51.1, 0.9, 43.73N, 0.04, 105.31W, 0.04, h0km, n41, r138/41, Wyoming

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Black Hills, Casper, Rawlins, LASA Array, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Ogallala, Greycliff, Long Hollow, etc.

TAP 05 22:23:52.0, 2.4, 83N, 122.05E, h6km, ML2.9, C JMA 05 22:23:52.1, 0.1, 24.85N, 121.99E, h42km, 5km, M2.4

ISC 05 22:23:52.4, 0.9, 24.86N, 0.03, 122.06E, 0.02, h17km, 6km, n53, r098/76, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Santiaog Chiao, Toucheng, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Yonagunijimaku, Yonaguni jima, etc.

NEIC 05 22:28:36.0, 8.36, 92N, 0.01, 97.81W, 0.02, h3km, 7km, Error ellipse: s-maj=2.9km s-min=0.4km az=121.0

TUL 05 22:28:35.8, 0.8, 36.94N, 0.01, 97.84W, 0.02, h2km, 7km, ML2.7, mb_Lg2.5/21(NEIC), Error ellipse: s-maj=3.1km s-min=1.2km az=118.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Grant County #, Manchester Ok, etc.

O18K	baz=77,SNR=24	S	Sn	00 53 31.7	-2.3
O18K	baz=77				
O18K	Koktuh Hills	0.88	256	Pn	00 53 13.8 -1.0
O18K				Pn	00 53 32.1 -1.9
N19K	Bonanza Creek	0.88	328	P	00 53 14.2 -0.7
N19K	baz=150,SNR=102				
N19K	baz=150			S	00 53 32.3 -2.0
N19K	Bonanza Creek	0.88	328	Pn	00 53 14.2 -0.7
N19K	Bonanza Creek	0.88	328	Pn	00 53 32.4 -2.0
HOM	Homer	1.04	113	P	00 53 15.8 -0.1
HOM	baz=292			S	00 53 35.8 -0.3
HOM	Homer	1.04	113	Pn	00 53 16.0 +0.1
HOM	Homer	1.04	113	IAML	00 53 36.8
HOM	comp=E,6um,0.3s				
P18K	Big Mountain,	1.10	232	P	00 53 15.8 -0.7
P18K	baz=52			S	00 53 35.5 -1.7
P18K	Big Mountain,	1.10	232	Pn	00 53 15.9 -0.6
P18K	Big Mountain,	1.10	232	Pn	00 53 35.5 -1.7
Q19K	Cape Douglas,	1.15	183	P	00 53 16.5 -0.5
Q19K	baz=1.8,SNR=42			S	00 53 36.9 -1.0
Q19K	baz=1.8			Pn	00 53 16.4 -0.6
Q19K	Cape Douglas,	1.15	183	Pn	00 53 36.9 -1.0
Q19K	comp=E,2um,0.6s			IAML	00 53 37.2
Q19K	comp=N,2um,0.7s			IAML	00 53 38.5
CNPM	China Peak	1.28	114	Pn	00 53 18.0 -0.1
SPCR	Spurr Chakacha	1.30	29	P	00 53 18.1 -0.2
SPCR	baz=211,SNR=49				
SPCR	Spurr Chakacha	1.30	29	Pn	00 53 18.1 -0.2
SPUR	Mount Spurr	1.33	32	Pn	00 53 18.2 -0.3
SPUR	Chakachata No	1.33	32	Pn	00 53 18.5 -0.1
BRLK	Bradley Lake	1.36	109	Pn	00 53 18.9 -0.1
CAPN	Captain Cook N	1.37	58	P	00 53 39.6 -1.8
CAPN	baz=240			Pn	00 53 19.8 +0.9
CAPN	Captain Cook N	1.37	58	Pn	00 53 40.9 -0.4
CAPN	comp=N,3um,0.6s			IAML	00 53 44.3
CAPN	comp=E,3um,0.6s			IAML	00 53 44.9
CAPN	Captain Cook N	1.37	58	Pn	00 53 19.7 +0.9
SPCR	Crater Peak Br	1.38	29	Pn	00 53 19.0 -0.1
CRP	Crater Peak	1.38	29	Pn	00 53 19.0 -0.1
CRP				Pn	00 53 42.0 +0.1
SPCG	Spurr Capps G1	1.43	31	Pn	00 53 19.3 -0.3
BRSE	Bradley Lake S	1.44	102	P	00 53 19.6 0.0
BRSE	baz=283			S	00 53 41.1 -1.6
BRSE	Bradley Lake S	1.44	102	Pn	00 53 19.5 0.0
SVWZ	Sparrevohn	1.45	116	Pn	00 53 18.9 -0.7
SVWZ				Pn	00 53 40.5 -2.4
STL	Strandline Lak	1.66	29	Pn	00 53 21.6 -0.2
SLKM	Skilak Lake	1.70	74	Pn	00 53 21.7 -0.5
SLKM				Pn	00 53 45.2 -2.3
M19K	Big River Lodg	1.89	347	P	00 53 23.7 -0.5
M19K	baz=168			S	00 53 49.5 -1.6
M19K	Big River Lodg	1.89	347	Pn	00 53 23.7 -0.5
M19K	Big River Lodg	1.89	347	IAML	00 53 50.2
Q22K	Cooper Landing	1.94	76	Pn	00 53 24.0 -0.7
Q22K	comp=E,360nm,0.3s			Pn	00 53 49.8 -2.1
Q22K	Cooper Landing	1.94	76	Pn	00 53 24.1 -0.7
Q22K	Cooper Landing	1.94	76	IAML	00 53 51.3
Q22K	comp=E,3um,0.4s				
KAKN	Katmai Knife C	1.95	205	Pn	00 53 24.5 -0.5
KAKN				Pn	00 53 50.4 -1.9
SUA	Susitna One	1.95	43	P	00 53 24.6 -0.5
SUA	baz=225,SNR=58			S	00 53 51.6 -0.9
SUA	baz=225			Pn	00 53 24.6 -0.5
SUA	Susitna One	1.95	43	Pn	00 53 52.2 -0.3
SUA				Pn	00 53 52.6
SUA	comp=N,1um,0.6s			IAML	00 53 53.1
SUA	comp=E,1um,0.5s				
FIS	Fire Island	1.95	55	Pn	00 53 53.3 +1.0
FIS				IAML	00 53 54.6
FIS	comp=N,3um,0.7s			IAML	00 53 56.1
FIS	comp=E,2um,0.5s				
FIS	Fire Island	1.95	55	Pn	00 53 24.9 0.0
KABU	Katmai Buttres	2.02	207	Pn	00 53 25.4 -0.4
SEW	Seward	2.04	87	P	00 53 25.4 -0.5
SEW	baz=270,SNR=9.2			S	00 53 51.6 -2.4
SEW	Seward	2.04	87	Pn	00 53 25.5 -0.4
RC01	Rabbit Creek A	2.13	60	P	00 53 25.8 -1.2
RC01	baz=243			S	00 53 54.0 -1.9
RC01	Rabbit Creek A	2.13	60	Pn	00 53 25.9 -1.0
RC01				Pn	00 53 54.6 -1.3
RC01	comp=N,1um,0.2s			IAML	00 53 55.4
RC01	comp=E,89nm,0.3s			IAML	00 53 55.6
SKT	Skwentna	2.15	26	P	00 53 26.9 -0.3
SKT	baz=208,SNR=34			Pn	00 53 26.9 -0.3
L19K	White Mountain	2.21	344	P	00 53 27.3 -0.6
L19K	baz=163,SNR=17			S	00 53 56.0 -1.7
L19K	White Mountain	2.21	344	Pn	00 53 27.3 -0.6
KDAK	Kodiak Island	2.35	168	P	00 53 27.8 -1.7
KDAK	comp=E,22nm,0.3s, baz=63,slow=6.9,SNR=695			Pn	00 53 57.5 -2.9
KDAK	Kodiak Island	2.35	168	P	00 53 27.7 -1.8
KDAK	baz=348			S	00 53 57.5 -2.9
KDAK	Kodiak Island	2.35	168	IAML	00 53 59.0
KDAK	comp=E,589nm,0.5s			IAML	00 53 59.1
M22K	Willow	2.37	43	P	00 53 28.8 -0.8
M22K	baz=226,SNR=26			S	00 53 57.9 -1.1
M22K	Willow	2.37	43	Pn	00 53 28.9 -0.8
L20K	Farewell, AK	2.42	356	P	00 53 30.3 -0.1
L20K	baz=176,SNR=22			S	00 54 00.8 -1.2
L20K	Farewell, AK	2.42	356	Pn	00 53 30.3 -0.1
PMR	Palmer	2.64	53	P	00 53 30.3 -0.1
PMR	baz=236,SNR=6.4			S	00 54 03.7 -2.9
PMR	Palmer	2.64	53	Pn	00 53 31.0 -1.9
PMR	Palmer	2.64	53	Pn	00 54 03.9 -2.6
PMR	comp=N,509nm,0.3s			IAML	00 54 05.5
PMR	comp=E,868nm,0.4s			IAML	00 54 05.6
PWL	Port Wells	2.69	71	P	00 53 31.9 -1.6
PWL	baz=255,SNR=6.5			S	00 54 05.0 -2.7
PWL	Port Wells	2.69	71	Pn	00 53 32.0 -1.6
PWL	Port Wells	2.69	71	IAML	00 54 06.9
CUT	Chulitna	2.82	33	P	00 53 34.3 -0.8
CUT	baz=215,SNR=62			S	00 54 09.5 -1.1
CUT	Chulitna	2.82	33	Pn	00 53 34.3 -0.8
CUT	Chulitna	2.82	33	Pn	00 53 34.5 -0.7

CUT	Chulitna	2.82	33	IAML	00 54 11.5
CUT	comp=N,1um,0.6s				
GHO	Glory Hole Cre	2.82	51	Pn	00 53 33.7 -1.6
GHO				Pn	00 54 08.0 -2.7
GHO	Glory Hole Cre	2.82	51	IAML	00 54 08.7
GHO	comp=N,623nm,0.4s				
GHO	comp=E,713nm,0.8s			IAML	00 54 10.3
KNK	Knik Glacier	2.83	59	P	00 53 33.8 -1.6
KNK	baz=244			S	00 54 08.3 -2.5
KNK	Knik Glacier	2.83	59	Pn	00 53 33.6 -1.6
KNK	Knik Glacier	2.83	59	IAML	00 54 10.5
KNK	comp=N,1um,0.4s			IAML	00 54 11.5
OHAK	Old Harbor	2.86	177	P	00 53 33.7 -2.0
OHAK	baz=357,SNR=7.2			S	00 54 08.1 -3.3
OHAK	Old Harbor	2.86	177	Pn	00 53 33.7 -2.0
OHAK	Old Harbor	2.86	177	IAML	00 54 10.9
OHAK	comp=N,400nm,0.5s			IAML	00 54 12.2
OHAK	comp=E,427nm,0.6s			IAML	00 53 36.8 +0.4
PPLA	Purkeypile	2.91	12	P	00 53 36.8 +0.4
PPLA	baz=164,SNR=17			Pn	00 54 13.4 +0.6
PPLA	Purkeypile	2.91	12	Pn	00 53 36.7 -1.6
PPLA	Sawmill	3.07	53	P	00 54 13.1 -3.2
PPLA	baz=238,SNR=8.3			S	00 53 36.6 -1.8
SML	Sawmill	3.07	53	Pn	00 54 14.5
SML	baz=238			Pn	00 54 22.6
SML	Sawmill	3.07	53	Pn	00 53 37.7 -0.9
SML	comp=N,503nm,0.5s			IAML	00 53 37.9 -0.9
SML	comp=E,356nm,0.6s			IAML	00 53 37.9 -0.9
TT01	Tatalina	3.09	338	P	00 53 37.7 -0.9
TTA	Tatalina	3.11	339	P	00 53 37.9 -0.9
TTA	baz=157,SNR=9.9				
TTA	Tatalina	3.11	339	Pn	00 53 37.9 -0.9
GLI	Glacier Island	3.28	73	P	00 53 37.9 -2.1
GLI	baz=258			Pn	00 53 40.5 -0.5
GLI	Glacier Island	3.28	73	IAML	00 54 24.2
GLI	comp=N,460nm,0.4s				
K20K	Telida	3.31	356	P	00 53 41.2 0.0
K20K	baz=176,SNR=19			S	00 54 19.9 -1.6
K20K	Telida	3.31	356	Pn	00 53 41.3 0.0
K20K	Castle Rocks	3.43	11	P	00 53 42.6 -0.2
K20K	baz=192,SNR=23				
CAST	Castle Rocks	3.43	11	Pn	00 53 42.5 -0.3
SCM	Sheep Creek Mo	3.50	57	P	00 53 42.4 -1.3
SCM	baz=242,SNR=10				
SCM	Sheep Creek Mo	3.50	57	Pn	00 53 42.5 -1.2
SCM	comp=N,501nm,0.9s			IAML	00 54 25.8
SCM	comp=N,14nm,0.3s, baz=218,slow=13,SNR=598			S	00 54 26.5
HIN	Hinchinbrook I	3.52	82	Pn	00 53 44.3 +0.4
SII	Sitkinak Islan	3.54	186	P	00 53 42.5 -1.7
SII	baz=5.0			S	00 54 23.0 -3.8
SII	Sitkinak Islan	3.54	186	Pn	00 53 42.6 -1.7
SII	Sitkinak Islan	3.54	186	IAML	00 54 25.1
JPK	Jack Peak	3.56	71	Pn	00 53 43.0 -1.4
FID	Fort Fidalgo	3.56	76	Pn	00 53 42.4 -2.1
VMT	TAPS Ti Valdez	3.67	71	Pn	00 53 44.8 -1.1
KTH	Kantishna Hill	3.71	18	IAML	00 53 45.7 -0.6
KTH	Kantishna Hill	3.71	18	IAML	00 54 30.5
KTH	comp=N,118nm,0.5s			IAML	00 54 31.1
TRF	Thorofare Moun	3.72	23	P	00 53 46.1 -0.6
TRF	baz=206,SNR=19			S	00 54 28.6 -2.6
TRF	Thorofare Moun	3.72	23	Pn	00 53 46.2 -0.4
TRF	comp=N,198nm,0.3s			IAML	00 54 30.4
TRF	comp=N,198nm,0.3s			IAML	00 54 32.2
CHUM	Lake Minchumir	3.87	8	P	00 53 48.1 -0.2
CHUM	baz=193,SNR=7				
EYAK	Cordova Ski Ar	3.87	8	Pn	00 53 48.1 -0.2
EYAK	comp=N,631nm,0.4s			Pn	00 53 48.3 -0.5
EYAK	Cordova Ski Ar	3.90	80	Pn	00 53 48.5 -0.2
ANNE	Aniakak Nort	3.95	219	Pn	00 53 48.8 -0.9
DIV	Divide	3.97	71	Pn	00 53 48.6 -1.1
KLU	Klutina	3.99	66	P	00 53 48.7 -1.3
KLU	baz=252,SNR=28				
KLU	Klutina	3.99	66	Pn	00 53 48.8 -1.3
RND	Reindeer	4.01	32	Pn	00 53 49.5 -0.7
RND	Reindeer	4.01	32	IAML	00 54 38.5
RND	comp=N,152nm,0.3s			IAML	00 54 39.6
RND	comp=N,125nm,0.3s				
M24K	Tolna, Glenn	4.11	57	P	00 53 51.0 -0.6
M24K	baz=243,SNR=12				
M24K	Tolna, Glenn	4.11	57	Pn	00 53 51.0 -0.6
M24K	comp=N,344nm,0.6s			IAML	00 54 42.0
M24K	comp=N,415nm,0.7s				
J20K	Nowinta River	4.13	356	P	00 53 51.5 -0.2
J20K	baz=176,SNR=11			Pn	00 53 51.7 0.0
BPAW	Bear Paw Mtn.	4.21	15	P	00 53 51.9 -0.9
BPAW	baz=198,SNR=8.2				
BPAW	Bear Paw Mtn.	4.21	15	Pn	00 53 52.0 -0.9
BPAW	Bear Paw Mtn.	4.21	15	IAML	00 54 39.2
MCK	McKinley	4.27	29	P	00 53 53.0 -0.5
MCK	baz=213,SNR=22			Pn	00 53 53.1 -0.4
MCK	McKinley	4.27	29	IAML	00 54 44.8
MCK	comp=N,132nm,0.3s			IAML	00 54 45.1
PS11	TAPS Pump St11	4.40	59	P	00 53 54.7 -0.5
CHIR	Chirikof Islan	4.41	196	P	00 53 54.0 -1.4
BMRM	Bremner River	4.50	75	P	00 53 55.5 -1.1
BMRM	baz=14				
BMRM	Bremner River	4.50	75	Pn	00 53 55.5 -1.1
BMRM	Bremner River	4.53	23	Pn	00 53 56.9 -0.1
BWN	Browne	4.53			

EAUF 06:00:54:00.3:0.8, 27.92S:26.76E, h10km, MD3.3
BULL 06:00:54:00.9:1.1, 27.89S:26.71E, h10km, MD3.5
ISC 06:00:53:58.6:1.2, 27.77S:26.03:26.61E:0.04, h14km, 8km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Parys, Schweizer, Boshof, Klooof, etc.

IDC 06:01:01:26.6:1.8, 27.90S:139.63E, h41km, 25km, mb4.0/6,
mb1.4/2.8, mb1mx3.8/37, mbtmp4.3/8, ML4.3/2, MS3.2/4,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Jayapura, Sarmi, Wamena, etc.

IDC 06:01:01:44.1:1.6, 7.75S:127.55E, h179km, 76km, mb3.2/1,
mb1.3/6.4, mb1mx3.2/36, mbtmp4.1/4, MS3.1/1, M1.3/1/1,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Baumata, Bati, WRA, etc.

IDC 06:01:02:42.9:1.1, 55.98S:26.52W, h0km, mb3.9/5,
mb1.3/9.6, mb1mx3.8/27, mbtmp3.6/6, ML3.4/1, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Hope Point, SNAAS, ZON, etc.

Error ellipse: s-maj=9.4km s-min=4.6km az=136.0
NEIC 06:01:09:59:52:09N:169:45W, h21km, Moment Tensor

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Nikolski High, Okmok Steeple, etc.

IDC 06:01:01:09:59:52:09N:169:45W, h21km, Moment Tensor
Duration: 80 Moment Tensor: Scale 1017Nm;

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

IDC 06:01:01:09:59:52:09N:169:45W, h21km, Moment Tensor
Duration: 80 Moment Tensor: Scale 1017Nm;

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AMKA, CHGN, CHIR, etc.

IDC 06:00:59:58.6:2.0, 8.10S:125.30E, h0km, mb3.5/1,
mb1.3/8.5, mb1mx3.6/40, mbtmp3.7/5, ML3.5/4, Error

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

IDC 06:01:09:59:52:09N:169:45W, h21km, Moment Tensor
Duration: 80 Moment Tensor: Scale 1017Nm;

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

IDC 06:01:09:59:52:09N:169:45W, h21km, Moment Tensor
Duration: 80 Moment Tensor: Scale 1017Nm;

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

TNA	baz=184	13.50	3	Pn	Pn	01 13 04.8	-0.9
SEW	Tin City	13.70	46	P	P	01 13 07.4	-0.9
SEW	Seward	13.70	46	Pn	Pn	01 13 06.2	-2.1
O22K	Cooper Landing	13.76	45	P	Pn	01 13 08.1	-1.1
SKT	Skwentna	13.85	38	P	Pn	01 13 12.1	+1.7
SUA	Susitna One	13.85	40	P	Pn	01 13 10.6	+0.2
K20K	Telida	13.90	30	P	Pn	01 13 12.9	+1.8
PPLA	baz=223,SNR=20	14.19	34	P	Pn	01 13 15.4	+0.1
GCSA	Purkey	14.24	22	Pn	Pn	01 13 16.4	+0.7
M22K	Galena City Sc	14.26	40	P	Pn	01 13 15.5	-0.4
J20K	Willow	14.26	40	P	Pn	01 13 18.6	-0.6
PWL	Port Wells	14.54	45	P	Pn	01 13 17.6	-2.3
PMR	Palmer	14.57	41	P	Pn	01 13 18.6	-1.6
PMR	Palmer	14.57	41	P	Pn	01 13 20.1	-0.1
PMR	Palmer	14.57	41	Pn	Pn	01 13 18.6	-1.6
CUT	Chuitna	14.57	38	P	Pn	01 13 20.9	+0.6
CAST	Castles Rocks	14.58	32	P	Pn	01 13 20.4	0.0
KNK	Knik Glacier	14.75	43	P	Pn	01 13 21.6	-1.2
CHUM	Lake Minchumin	14.83	31	P	Pn	01 13 23.4	-0.4
Q23K	Middleton Isla	14.88	52	P	Pn	01 13 24.0	-0.5
SML	Sawmill	15.01	42	P	Pn	01 13 24.9	-1.3
GLI	Glacier Island	15.09	46	P	Pn	01 13 24.9	-2.4
TRF	Thorofare Moun	15.21	34	P	Pn	01 13 29.3	+0.2
TRF	Thorofare Moun	15.21	34	Iamb	Iamb	01 13 56.1	
FID	Port Fidalgo	15.31	47	Iamb	Iamb	01 13 39.7	
BPAW	Bear Paw Mtn.	15.40	32	P	Pn	01 13 30.6	-0.8
BPAW	Bear Paw Mtn.	15.40	32	Iamb	Iamb	01 13 36.8	
SCM	Sheep Creek Mo	15.43	42	P	Pn	01 13 30.0	-1.9
SCM	Sheep Creek Mo	15.43	42	Iamb	Iamb	01 13 36.3	
EYAK	Cordova Ski Ar	15.56	48	P	Pn	01 13 32.1	-1.4
RND	Reindeer	15.69	36	P	Pn	01 13 33.3	-2.0
RND	Reindeer	15.69	36	Pn	Pn	01 13 33.3	-2.0
MCK	McKinley	15.86	35	P	Pn	01 13 37.1	-0.3
I21K	Tanana	15.86	28	P	Pn	01 13 37.4	+0.1
KLU	Klutina	15.87	45	P	Pn	01 13 35.4	-2.2
BWN	Browne	15.95	33	Iamb	Iamb	01 13 52.7	
H21K	Melozitna Rive	16.00	26	P	Pn	01 13 39.3	+0.2
M24K	Tolsona, Glenn	16.04	42	P	Pn	01 13 37.7	-2.0
M24K	Tolsona, Glenn	16.04	42	Iamb	Iamb	01 13 44.5	
MLY	Manley	16.12	29	P	P	01 13 42.5	-1.5
MLY	Manley	16.12	29	Iamb	Iamb	01 13 50.8	
BMRM	Bremner River	16.24	47	P	Pn	01 13 40.0	-2.3
BMRM	Bremner River	16.24	47	Pn	Pn	01 13 40.6	-1.7
BMRM	Bremner River	16.24	47	Iamb	Iamb	01 13 50.1	
RDOG	Red Dog Mine	16.30	9	P	Pn	01 13 43.1	+0.1
NEA2	Nenana	16.36	32	P	Pn	01 13 43.5	-0.2
BERG	Berg Lake	16.46	50	Iamb	Iamb	01 14 04.9	
N25K	Chitna, Valde	16.49	45	P	Pn	01 13 43.2	-2.4
HARP	HAARP	16.60	42	P	Pn	01 13 46.3	-0.5
I23K	Minto, Yukon-K	16.63	31	P	Pn	01 13 46.7	-0.4
PAX	Paxson	16.74	40	P	Pn	01 13 47.5	-1.2
GLB	Gilahina Butte	16.78	46	Pn	Pn	01 13 47.0	-2.1
SNH	Sunshine Point	16.80	51	Iamb	Iamb	01 13 55.6	
CRQE	Cirque	16.86	49	P	Pn	01 13 48.6	-1.6
WAX	Waxell Ridge	16.88	50	Iamb	Iamb	01 14 11.0	
TCOL	CIGO, UAF Van	16.94	33	P	Pn	01 13 49.3	-1.7
COLA	College	16.94	33	deP	Pn	01 13 50.1	-0.9
COLA	College	16.94	33	P	Pn	01 13 49.0	-2.0
COLA	College	16.94	33	Pn	Pn	01 13 49.2	-1.8
HDA	Harding Lake	16.97	35	P	Pn	01 13 49.5	-1.9
H23K	Yukon River	17.04	29	P	Pn	01 13 52.3	-0.1
MCARA	McCarthy VSAT	17.11	47	P	Pn	01 13 50.6	-2.6
ILAR	Eielson Array	17.20	34	P	Pn	01 13 52.5	-1.8
ILAR	Eielson Array	17.20	34	Pn	Pn	01 18 37.7	+0.4
ILAR	Eielson Array	17.20	34	P	Pn	01 13 52.7	-1.7
MESA	MESA	17.23	51	P	Pn	01 13 53.8	-1.1
MESA	MESA	17.23	51	Iamb	Iamb	01 14 00.2	
POKR	Poker Plat Res	17.23	32	P	Pn	01 13 53.3	-1.5
RIDG	Independent Ri	17.37	38	P	Pn	01 13 54.8	-1.8
YAH	Yahitsa	17.38	51	Iamb	Iamb	01 14 08.9	
GRNC	Granite Creek	17.48	50	Iamb	Iamb	01 14 11.0	
M26K	Nabesna, AK	17.51	44	P	Pn	01 13 57.0	-1.3
M26K	Nabesna, AK	17.51	44	Pn	Pn	01 13 56.9	-1.4
H24K	Noodor Dome	17.55	30	P	Pn	01 13 58.4	-0.3
L26K	Log Cabin Wild	17.63	42	P	Pn	01 13 57.7	-2.0
J25K	Salcha River	17.64	36	P	Pn	01 13 57.6	-2.3
TABL	Table Mountain	17.69	51	Iamb	Iamb	01 14 14.0	
CTG	Chitna Glacier	17.74	49	P	Pn	01 13 59.8	-1.4
SCRK	Sand Creek	17.82	38	P	Pn	01 14 00.0	-2.2
COLD	Coldfoot	17.87	25	P	Pn	01 14 02.0	-0.7
M27K	Edge Creek, AK	17.97	45	P	Pn	01 14 02.7	-1.3
M27K	Edge Creek, AK	17.97	45	Iamb	Iamb	01 14 10.8	
PCA	Pinnacle	18.03	52	Pn	Pn	01 14 01.2	-3.6
PCA	Pinnacle	18.03	52	Iamb	Iamb	01 14 11.5	
PINM	Pinnacle	18.03	52	P	Pn	01 14 03.6	-1.1
PRP	Porcupine Dome	18.11	33	P	Pn	01 14 03.3	-2.4
J26L	Joseph Creek	18.25	37	P	Pn	01 14 05.8	-1.6
L27K	Beaver Creek	18.27	42	P	Pn	01 14 06.2	-1.4

PNL	Peninsula	18.36	54	P	Pn	01 14 08.6	-0.1
YUK3	Moose Creek	18.40	47	P	Pn	01 14 07.8	-1.6
BVCY	Bestar Creek	18.43	45	P	Pn	01 14 09.6	0.0
YUK4	Talbot Arm	19.10	49	P	Pn	01 14 18.8	+0.8
TOLK	Toolik Lake Re	19.10	22	P	P	01 14 16.2	-0.7
YUK6	Outpost Mounta	19.14	50	P	P	01 14 17.5	0.0
EGAK	Eagle	19.29	38	P	P	01 14 18.5	-0.3
PET	Petropavlovsk	19.29	285	deP	P	01 14 19.1	+0.1
PET	Petropavlovsk	19.29	285	eS	P	01 17 49.0	-7.0
PET	comp=Z,126nm,1.0s			pmax	pmax		
PET	comp=Z,1um,14.9s			MLR	MLR		
PET	comp=Z,3um,17.0s			MLR	MLR		
PET	comp=Z,3um,17.0s			MLR	MLR		
PET	Petropavlovsk	19.29	285	P	P	01 14 17.6	-1.4
HYT	Haines Junctio	19.52	51	P	P	01 14 21.7	+0.1
HYT	Haines Junctio	19.52	51	Iamb	Iamb	01 14 26.4	
DAWY	Dawson	19.67	41	P	P	01 14 22.2	-0.9
BILL	Bilibino	19.78	333	deP	P	01 14 25.3	-0.4
BILL	Bilibino	19.78	333	eS	P	01 18 05.3	-0.3
BILL	comp=Z,125nm,1.3s			pmax	pmax		
BILL	comp=Z,2um,14.0s			MLR	MLR		
BILL	Bilibino	19.78	333	P	P	01 14 24.2	0.0
PEAOB	Petropavlovsk	19.84	286	/P	P	01 14 25.3	+0.2
PEAOB	Petropavlovsk	19.84	286	P	P	01 14 24.9	-0.2
PETK	Petropavlovsk	19.84	286	P	P	01 14 25.1	+0.1
PETK	comp=Z,23nm,0.3s, baz=95, slow=11, SNR=212			LR	LR	01 22 31.4	
PETK	comp=Z,2um,19.8s, baz=92, slow=38			LR	LR	01 22 31.4	
PETK	Petropavlovsk	19.84	286	P	P	01 14 25.4	+0.3
SIT	Sitka	20.27	62	P	P	01 14 28.9	-0.7
SIT	Sitka	20.27	62	P	P	01 14 29.2	-0.3
SIT	comp=Z,116nm,1.1s			pmax	pmax		
SIT	Sitka	20.27	62	P	P	01 14 29.2	-0.3
SIT	Sitka	20.27	62	P	P	01 14 28.9	-0.7
M30M	Minto, Yukon	20.28	46	P	P	01 14 29.4	-0.3
SKAG	Skagway	20.38	55	P	Pn	01 14 32.6	-0.3
SKAG	Skagway	20.38	55	Iamb	Iamb	01 14 38.9	
N31M	Braeburn, Yuko	20.48	50	P	Pn	01 14 32.9	-1.1
BESE	Bessie Mountai	20.55	58	P	P	01 14 32.9	+0.1
BESE	comp=Z,409nm,1.4s			Iamb	Iamb	01 15 00.7	
I29M	Ogilvie Camp,	20.63	38	P	P	01 14 33.5	0.0
WHY	Whitehorse	20.76	52	P	P	01 14 36.0	+1.0
WHY	Whitehorse	20.76	52	Iamb	Iamb	01 14 44.4	
M31M	Drury Creek, Y	21.27	48	P	P	01 14 40.9	+0.5
CRAG	Craig	21.59	67	P	P	01 14 44.5	+0.7
CRAG	Craig	21.59	67	Iamb	Iamb	01 15 14.4	
P33M	Testlin, Yukon	21.72	54	P	P	01 14 46.0	+0.7
WRAK	Wrangell Islan	21.93	64	P	P	01 14 46.4	-1.1
H02S1	DAWSON INLET T	22.32	7	T	T	01 38 01.0	
SEY	Seymchan	22.77	313	/P	P	01 14 56.1	-0.3
SEY	Seymchan	22.77	313	P	P	01 18 48.7	+1.2
SEY	comp=Z,18nm,0.7s, baz=148, slow=3.8, SNR=9.7			LR	LR	01 24 04.5	
SEY	comp=Z,18nm,0.7s, baz=148, slow=3.8, SNR=9.7			LR	LR	01 24 04.5	
DLBC	Dease Lake	22.77	313	/P	P	01 14 56.8	+0.3
DLBC	Dease Lake	23.09	59	P	P	01 15 01.2	+1.3
DLBC	comp=Z,79nm,1.1s, baz=267, slow=10, SNR=40			LR	LR	01 24 12.3	
DLBC	comp=Z,2um,21.1s, baz=296, slow=37			LR	LR	01 24 12.3	
DLBC	Dease Lake	23.09	59	P	P	01 15 01.1	+1.3
DLBC	Dease Lake	23.09	59	Iamb	Iamb	01 15 12.7	
MA2	Magadan	23.21	304	P	P	01 15 02.1	+1.2
MA2	Magadan	23.21	304	P	P	01 25 21.3	
MA2	Magadan	23.21	304	/P	P	01 15 02.9	+1.9
MA2	Magadan	23.21	304	P	P	01 15 02.9	+1.9
MA2	Magadan	23.21	304	P	P	01 15 02.9	+1.9
MA2	Magadan	23.21	304	P	P	01 15 00.7	-0.3
MA2	Magadan	23.21	304	P	P	01 15 03.7	
INK	Inuvik	23.60	33	P	P	01 15 02.5	-2.3
INK	comp=Z,37nm,0.6s, baz=233, slow=9, SNR=70			LR	LR	01 18 50.2	+1.1
INK	comp=Z,20nm,0.8s, baz=304, slow=2.9, SNR=7.1			LR	LR	01 24 33.5	
INK	comp=Z,3um,21.1s, baz=234, slow=37			LR	LR	01 15 02.2	-2.6
INK	baz=245, SNR=56			P	P	01 15 02.4	-2.3
INK	Bella Bella	23.60	33	P	P	01 15 21.3	+2.0
BBB	Bella Bella	25.16	73	P	P	01 15 21.3	+2.0
WRGL	Wrigley	26.39	47	P	P	01 15 30.4	0.0
CBB	Campbell River	27.50	77	Iamb	Iamb	01 15 56.4	
A36M	Sachs Harbour	27.67	28	P	P	01 15 40.8	-1.0
A36M	Sachs Harbour	27.67	28	P	P	01 15 41.0	-0.8
A36M	Sachs Harbour	27.67	28	P	P	01 18 58.9	+0.5
A36M	Sachs Harbour	27.67	28	P	P	01 22 37.1	-1.5
CLZB	Mount Ozzard	27.83	79	Iamb	Iamb	01 15 59.3	
CLZB	Cowichan Lake	28.71	78	Iamb	Iamb	01 16 07.0	
PGC	Sidney	29.19	78	P	P	01 15 57.0	+1.5
B04A	Port Angeles	29.41	79	P	P	01 15 58.2	+1.7
NLWA	Neilton Lookou	29.48	81	P	P	01 15 59.4	+1.2
NLWA	Neilton Lookou	29.48	81	IAMS_20	IAMS_20	01 26 30.6	
D03D	Eldon	29.89	80	P	P	01 16 03.7	+1.9
B05A	Bryant	30.17	78	P	P	01 16 05.9	+1.7
YKA	Yellowknife Ar	30.47	49	P	P	01 16 06.9	+0.2
YKA	comp=Z,28						

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KSU1, SCIA, BJL, BJT, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HPIG, BJO1, L44A, U38A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 833A, H06E1, BLO, HBAR, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like 65A Wolcott, Q52A Bidwell, LVZ Lovozero, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like F63A Nahkanaka, PAGA Pennsylvania G, N59A State Game L, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like WMQ, NSS Namsos, X58A Rowland, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MRGRS Mrkonjic Grad, RAZG Razgrad, AJM Ajmer, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ESDC Sonseca Array, ESDC Sonseca Array, PMTG Montargil, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CZD Col de Zaid, HOQ Hoqain, SMDO Samard, etc.

6d 1h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like CIGO, UAF, Yank, COLA, etc.

NSSP 06 01:19:46.8, 38.45N, 46.77E, h12km, Ms3.2
AZER 06 01:19:47.1, 0.1, 38.46N, 46.68E, h10km, m13.2/32, Error ellipse: s-maj=2.5km s-min=1.1km az=6.0

DDA 06 01:19:52.0, 38.72N, 46.70E, h6km, Ms5.0, ML2.3
ISC 06 01:19:49.5, 1.2, 38.51N, 0.0, 46.75E, h7km, m11km, az=119.0, Central Alaska

Main station list for 6d 1h, including stations like ORD, QRD, NAX, YRD, LKR, etc. with their respective coordinates and parameters.

NEIC 06 01:20:12.9, 2.0, 64.75N, 0.0, 151.29W, 0.04, h4km, m11km, Error ellipse: s-maj=3.1km s-min=1.4km az=57.0

AEIC 06 01:20:12.2, 2.4, 64.76N, 0.0, 151.31W, 0.08, h2km, m7km, ML3.7/30, Error ellipse: s-maj=5.9km s-min=1.9km az=119.0, Central Alaska

Small table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations MLY, Manley, etc.

2015 NOV

Main station list for 2015 NOV, including stations like MLY, Manley, I21K, Tanana, etc. with their respective coordinates and parameters.

NEIC 06 01:20:23.7, 1.8, 64.73N, 0.0, 151.25W, 0.07, h12km, m11km, Error ellipse: s-maj=5.0km s-min=1.6km az=125.0

AEIC 06 01:20:23.1, 6.6, 64.73N, 0.0, 151.27W, 0.09, h5km, 7km, ML3.5, ML3.8/111(NEIC), Error ellipse: s-maj=5.6km s-min=3.4km az=93.0

ISC 06 01:20:24.9, 2.7, 64.60N, 151.09W, h0km, mb3.7/2, mb1 4.2/2, mb1mx3.3/45, mbtmp3.7/2, Error ellipse: s-maj=30.5km s-min=19.5km az=144.0

ISC 06 01:20:23.5, 0.8, 64.73N, 0.0, 151.26W, 0.03, h10km, n79, #1502/78, Central Alaska

Main station list for 2015 NOV (continued), including stations like MLY, Manley, I21K, Tanana, etc. with their respective coordinates and parameters.

NEIC 06 01:20:12.9, 2.0, 64.75N, 0.0, 151.29W, 0.04, h4km, m11km, Error ellipse: s-maj=3.1km s-min=1.4km az=57.0

AEIC 06 01:20:12.2, 2.4, 64.76N, 0.0, 151.31W, 0.08, h2km, m7km, ML3.7/30, Error ellipse: s-maj=5.9km s-min=1.9km az=119.0, Central Alaska

Small table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations MLY, Manley, etc.

300

Main station list for 300, including stations like H24K, K20K, Telida, IL31, ILAR, etc. with their respective coordinates and parameters.

IDC 06 01:31:10.7, 0.6, 52.31N, 169.50W, h0km, mb4.4/28, mb1 4.6/30, mb1mx4.4/51, mbtmp4.4/30, ML4.2/2, MS4.1/17, Ms1 4.1/17, ms1mx3.9/39, Error ellipse: s-maj=18.9km s-min=11.3km az=171.0

MOS 06 01:31:12.3, 0.9, 52.23N, 169.46W, h22km, mb4.9/51, Error ellipse: s-maj=9.1km s-min=5.4km az=97.1

BUJ 06 01:31:13.0, 0.0, 52.30N, 169.40W, h40km, mb5.1/22, mb4.9/44, MS4.8/14, Ms7 4.7/14

NEIC 06 01:31:14.5, 1.5, 52.28N, 169.50W, 0.02, h22km, 4km, mb4.7/18, ML4.3(AEIC), Error ellipse: s-maj=8.8km s-min=1.7km az=175.0

AEIC 06:01:31:14.1,8.52:19N:0:06.169:35W:0:09.h2km₂4km,
 Error ellipse: s-maj=10.0km s-min=6.9km az=147.0
 GCMT 06:01:31:16.5,0.3,52:11N:0:02.169:37W:0:04.h2dkm,
 MW5.0/94.Moment Tensor Solution. s51,c61; s94,c144;
 Duration: 0 Moment tensor: Scale 10¹⁹Nm; Mr:3.72±.20;
 Mw:0.29±.13; Ms:0.76±.12; Ml:1.84±.17; Mb:1.15±.06;
 Ms:0.32±.17. Best double couple: Ma:4.03700:1.016:
 NP1:0.242,0.0000:0.632,0.0000:1.81,0.0000: NP2:
 0.73,0.0000:0.859,0.0000:1.96,0.0000: Principal axes: T
 4,1940,Plg76.0000: Azm359.0000: N -0.3080,
 Plg5.0000: Azm250.0000: P -3.8810,Plg14.0000:
 Azm153.0000: nst21 refers to body waves, cutoff=40s.
 nst22 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

ISC 06:01:31:15.1,0.4,52:22N:0:06.169:44W:0:04.h30km,
 n471,0.0946,436,m64/7160,MS4.1/21,65C:13D,Fox
 Islands

Code	Station Name	A°	AZ°	Phase ID	Time	Res
NIKH	Nikolski High	0.84	25	Op	ISC	
NIKH					h m s	ISC
OKSP	Okmok Steeple	1.25	33	Pn	01 31 30.1	-0.8
OKTU	Okmok Mt. Tuli	1.45	35	Pn	01 31 41.4	-0.8
OKNK	Okmok New Cone	1.48	32	Pn	01 31 35.9	-0.8
OKFC	Magazine Ridge	1.52	37	Pn	01 31 39.2	-0.1
MAPS	Pakushin South	2.20	42	Pn	01 31 40.0	+0.3
MHW	Makushin Switc	2.34	42	Pn	01 31 40.0	+0.2
MNAT	Makushin Natee	2.36	44	Pn	01 31 49.6	+0.1
UNV	Unalaska Valle	2.41	46	Pn	01 31 51.9	+0.4
UNV	Unalaska Valle	2.41	46	Pn	01 32 22.2	+1.3
AKRB	Akutan Reef B	2.47	29	Pn	01 31 52.3	-0.1
KOPF	Korovin Flat P	2.87	27	Pn	01 31 59.0	+1.2
AKGG	Akutan Green G	2.87	45	Pn	01 32 00.3	+1.5
AKUT	Akutan	2.93	47	Pn	01 31 59.9	+1.1
ATKA	Atka Island	2.93	47	Pn	01 31 59.3	-0.3
KOKL	Mount Kichef	2.99	274	Pn	01 31 59.2	-0.3
AKSA	Akutan Strait	2.98	46	Pn	01 31 59.1	+1.8
GSTR	Great Sitkin T	4.08	27	Pn	01 32 01.1	+1.6
GSMT	Great Sitkin M	4.08	270	Pn	01 32 14.0	-1.4
GSTD	Great Sitkin T	4.14	271	Pn	01 32 16.9	+1.4
FALS	False Pass	4.46	51	Pn	01 32 17.2	+1.0
ADK	Adak	4.49	259	P	01 32 19.9	+1.2
ADK	Adak	4.49	269	Pn	01 32 20.7	-0.3
KIWB	Kanaga Island	4.78	269	Pn	01 32 24.7	+0.3
KIMD	Kanaga Island	4.84	268	Pn	01 32 27.2	+1.3
SPIA	Saint Paul Isl	5.00	355	Pn	01 32 27.9	-0.1
TASE	Tanaga Southea	5.33	269	Pn	01 32 34.4	+1.9
GAEA	Gareloi Reef B	5.77	269	Pn	01 33 03.2	+2.3
SDPT	Sand Point	6.17	56	Pn	01 32 45.0	+0.9
CERAA	Semis' Rag'd I	6.72	272	Pn	01 32 52.9	+1.2
CESW	Semis' Southwe	6.79	272	Pn	01 32 54.8	+2.1
AMKA	Amchitka	7.04	268	Pn	01 32 55.8	-0.2
LSFA	Little Sitkin	7.41	32	Pn	01 33 03.2	+2.3
LSNW	Little Sitkin	7.43	273	Pn	01 33 04.0	+2.6
CHGN	Chignik	7.64	53	Pn	01 33 05.2	+1.0
SII	Sitkinak Islan	9.08	58	Pn	01 33 34.7	-0.5
SMY	Shemya	10.06	279	Pn	01 33 37.9	+0.5
SMY	Shemya	10.06	279	Pn	01 33 37.9	+0.5
OHK	Old Harbor	11.03	40	Pn	01 33 42.1	+1.7
O18K	Koktuh Hills	11.03	40	Pn	01 33 48.7	-1.9
KDAK	Kodiak Island	11.16	53	Pn	01 33 51.0	-1.4
KDAK	Kodiak Island	11.16	53	Pn	01 33 51.3	-1.1
KDAK	Kodiak Island	11.16	53	Pn	01 33 51.9	-1.1
Q19K	Cape Douglas,	11.17	47	Pn	01 33 52.4	-0.2
N19K	Bonanza Creek	11.91	38	Pn	01 34 02.3	-0.4
RSO	Redoubt South	12.38	42	Pn	01 34 08.5	-0.7
L19K	White Mountain	12.71	32	Pn	01 34 13.1	-0.4
TTA	Tatalina	12.90	28	Pn	01 34 16.0	-0.3
TTA	Tatalina	12.90	28	Pn	01 34 16.0	-0.3
TNA	Tin City	13.41	3	Pn	01 34 22.2	-0.9
SJKT	Skwentna	13.75	38	Pn	01 34 28.8	+1.0
SKO	Nowina River	14.40	28	Pn	01 34 34.4	-2.1
KNK	Knik Glacier	14.66	43	Pn	01 34 38.7	-1.5
KTH	Kantishna Hill	14.81	32	Pn	01 34 40.9	+0.4
BPWW	Beard Butte	15.31	32	Pn	01 34 46.6	-2.2
SCM	Sheep Creek Mo	15.34	42	Iamb	01 35 14.4	
I21K	Tanana	15.77	28	Iamb	01 35 15.2	
KLU	Klutina	15.78	45	Pn	01 34 52.6	-2.4
KLU	Klutina	15.78	45	Iamb	01 35 10.8	
IMAR	Indian Mountai	15.91	24	Pn	01 34 55.6	-0.9
EMRM	Bremner River	16.15	47	Pn	01 34 57.7	-2.0
BMRM	Bremner River	16.15	47	Iamb	01 35 14.5	
I23K	Minto, Yukon-K	16.53	31	Pn	01 35 01.0	-3.4
I23K	Minto, Yukon-K	16.53	31	Iamb	01 35 16.0	
CCB	Clear Creek Bu	16.72	33	Pn	01 35 05.7	-1.1
WDX	Murphy Dome	16.77	32	Pn	01 35 06.5	-1.0
MAD	Waxell Ridge	16.79	50	Pn	01 35 07.2	-0.6
WAX	Waxell Ridge	16.79	50	Iamb	01 35 34.9	
COLA	College	16.84	33f	eP	01 35 08.0	-0.3
IL31		17.11	34	Pn	01 35 10.3	-1.4
ILAR	Eielson Array	17.11	34	P	01 35 09.8	-1.8
ILAR	Eielson Array	17.11	34	Pn	01 35 10.9	-0.8
ILAR	Eielson Array	17.11	34	Pn	01 35 10.9	-0.8
GRNC	Granite Creek	17.39	50	Pn	01 35 14.9	-0.8
M26K	Nabesna, AK	17.41	44	Pn	01 35 14.8	-0.6
H24K	Noodor Dome	17.45	30	Pn	01 35 16.1	0.0
L26K	Log Cabin Wild	17.53	42	P	01 35 17.5	+0.5
CTGN	Chitina Gage	17.66	49	Pn	01 35 16.6	-2.3
CTGM	Chitina Gage	17.66	49	Iamb	01 35 36.2	
SCRK	Sand Creek	17.73	39	Pn	01 35 18.4	-1.1
L27K	Beaver Creek A	18.18	43	P	01 35 25.2	+0.2
BCAR	Beaver Creek A	18.18	43	Pn	01 35 12.2	-1.2
TOLK	Toolik Lake Re	19.01	22	P	01 35 34.2	+0.1
EGAK	Eagle	19.19	38	P	01 35 36.6	+0.5
PET	Petropavlovsk	19.31	285	eP	01 35 37.6	+0.1
PET	Petropavlovsk	19.31	285	pmax		
PET	Petropavlovsk	19.31	285	MLR		
PET	Petropavlovsk	19.31	285	P	01 35 37.6	+0.1
PET	Petropavlovsk	19.31	285	Iamb	01 35 40.4	
PET	Petropavlovsk	19.31	285	P	01 35 42.3	+0.4
BILL	Bilibino	19.72	333f	eS	01 39 19.7	-2.6
BILL	Bilibino	19.72	333f	pmax		
BILL	Bilibino	19.72	333f	MLR		
BILL	Bilibino	19.72	333f	P	01 35 40.3	-1.6
PEAOB	Petropavlovsk	19.86	286	eP	01 35 43.9	+0.4
PEAOB	Petropavlovsk	19.86	286	P	01 35 43.4	-0.1
PETK	Petropavlovsk	19.86	286	P	01 35 43.2	-0.3
PETK	Petropavlovsk	19.86	286	LR	01 43 48.5	
PETK	Petropavlovsk	19.86	286	P	01 35 42.6	-0.9
PETK	Petropavlovsk	19.86	286	P	01 35 42.6	-0.9
SKAG	Skagway	20.30	56	Iamb	01 35 48.3	+0.2
SKAG	Skagway	20.30	56	Iamb	01 36 04.5	
BESE	Bessie Mountai	20.47	58	P	01 35 48.9	-1.2
BESE	Bessie Mountai	20.47	58	Iamb	01 36 10.6	
WHY	Whitese	20.67	52	Iamb	01 36 05.3	
H02S1	DAWSON INLET T	22.26	73	T	01 59 19.4	
SEY	Seymchan	22.75	313	P	01 36 13.9	-0.5
SEY	Seymchan	22.75	313	PCP	01 40 06.1	+0.1
SEY	Seymchan	22.75	313	LR	01 45 22.5	
SEY	Seymchan	22.75	313	eP	01 36 13.6	-0.8
DLBC	Dease Lake	23.20	59	P	01 36 19.8	+2.6
DLBC	Dease Lake	23.20	59	LR	01 45 17.7	

DLBC	Dease Lake	23.20	59	P	Iamb	01 36 17.7	+0.4
DLBC	Dease Lake	23.20 <td>59 <td>P <td>Iamb</td> <td>01 36 22.9</td> <td></td> </td></td>	59 <td>P <td>Iamb</td> <td>01 36 22.9</td> <td></td> </td>	P <td>Iamb</td> <td>01 36 22.9</td> <td></td>	Iamb	01 36 22.9	
MA2	Maqadan	23.20	304	LR		01 45 00.7	
INIK	Inuvik	23.50	33	P	LR	01 36 20.1	-1.8
INIK	Inuvik	23.50	33	P	PCP	01 40 07.5	+0.9
INIK	Inuvik	23.50	33	P	LR	01 45 30.6	
INIK	Inuvik	23.50	33	P	P	01 36 20.5	-1.4
INIK	Inuvik	23.50	33	P	pmax	01 40 07.5	
INIK	Inuvik	23.50	33	P	Iamb	01 36 20.5	-1.4
INIK	Inuvik	23.50	33	P	Iamb	01 36 28.8	-0.1
YKA	Yellowknife Ar	30.38	49	fP	LR	01 37 23.3	-0.7
YKA	Yellowknife Ar	30.38	49	fP	LR	01 52 16.9	
YKA	Yellowknife Ar	30.38	49	fP	pmax	01 37 24.7	+0.7
D05A	Enuvclaw	30.65	80	P	P	01 37 27.9	+1.4
B08A	Conville Hesel	31.73	77	P	Iamb	01 37 36.1	+0.1
B08A	Conville Hesel	31.73	77	P	Iamb	01 37 55.5	
HAWA	Hanford	32.51	80	P	Iamb	01 37 43.9	+1.0
HAWA	Hanford	32.51	80	P	Iamb	01 38 02.6	
D08A	Wollman Farm	32.57	79	P	Iamb	01 37 44.8	+1.4
D08A	Wollman Farm	32.57	79	P	Iamb	01 38 01.9	
C09A	Chrisman Ranch	32.61	77	Iamb	Iamb	01 38 02.4	
TXI	Tiksi	32.85	329f	eP	P	01 37 44.4	-1.2
NEW	Newport	33.09	76	P	Iamb	01 37 49.2	+1.2
NEW	Newport	33.09	76	Iamb	Iamb	01 38 07.1	
EDM	Edmonton	33.25	66	P	pmax	01 37 50.0	+0.7
EDM	Edmonton	33.25	66	P	pmax	01 37 50.0	+0.7
EDM	Edmonton	33.25	66	P	Iamb	01 37 50.0	+0.7
EDM	Edmonton	33.25	66	P	Iamb	01 38 03.4	
ERM	Erimo	33.28	271	P	pmax	01 37 50.2	+0.5
ERM	Erimo	33.28	271	P	pmax	01 37 50.2	+0.5
E09A	Wood Farm, Sta	33.30	79	Iamb	Iamb	01 37 50.2	+0.5
E09A	Wood Farm, Sta	33.30	79	Iamb	Iamb	01 38 00.5	
J08A	Circle Bar Ran	34.72	84	P	P	01 38 03.7	+1.4
J08A	Circle Bar Ran	34.72	84	P	Iamb	01 38 25.4	
JTMT	Jette	35.02	75	P	Iamb	01 38 25.1	+0.2
JTMT	Jette	35.02	75	P	Iamb	01 38 23.4	
MSO	Misoula	35.67	76	Iamb	Iamb	01 38 29.2	
KUL	Kul'dur	36.47	289	P	P	01 38 15.7	-1.4
KUL	Kul'dur	36.47	289				

6d 1h

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Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like KONS, MORB, KMSC, KURK, etc.

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

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

RSNC 06:13:35-39:0.9, 6.79N-73:11W, h148km, ML3.2, Mw3.5, 4C-3D, Fault plane solution: NP1:phi,148.00000°, 871.00000°, 198.00000°, Northern Colombia

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Puntijarka, Unterbreizbach, Arzberg, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like VYHS Vyhne, Fruska Gora, Podgorica, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MASE Mahe Island, PALK Pallekele, KMBO Kilima Mbojo, etc.

6d 5h

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like AROD Rodeo, AC04 Llanos de Chal, VA06 Catapilco, etc.

2015 NOV

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like SMTB Santa Maria do, PTGA Pitanga, PRPB Parauapebas, etc.

310

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like NEIC 06:05:35.38.4.0.5, 36.75N, etc.

6d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, BKNI Bangkok, PDSI Padang, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

312

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CROK Carrier, OK031 S. Brethren Rd, X34A Smith Ranch, etc.

6d 8h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BO02 Sierra Bellavi, GO05 Huala, and many others.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PMSA Palmer Station, PLMC San Jos del P, and many others.

314

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MNTX comp=Z,633nm,18.0s, HHAR Hobbs, and many others.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like ECSD, CIS, HEC, MAW, TUQ, N23A, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ASAR, WRA, RAYN, OBN, H11S2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like JAVC, MODS, LANS, MORC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ARCES ARCESS Array B, KEV Kevo, RATU Laukkulusta, etc.

UPP 06 10:19:07.3:0.8,59.00Nk:18.19E, h0km, ML2.5, Explosion
DNK 06 10:19:07.3:0.8,59.00Nk:18.19E, h0km, ML2.5 (UPP), Explosion

HEL 06 10:19:08.2:0.1,59.00Nk:18.16E, h0km, ML2.0, ML2.5 (UPP), Explosion

IDC 06 10:19:11.0:1.0,59.44N:18.08E, h0km, mb1 3.0/3, mb1mx2.9/32, mbtmp2.8/3, ML1.8/3, Error ellipse: s-maj=13.7km s-min=2.5km az=173.0

ISC 06 10:19:07.3:0.8,58.99N:0.02:18.22E:0.0/3, h0km, n49, o106/71, Baltic Sea

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations like NYNU Nynaeshamm, UPP Uppsala, etc.

IDC 06 11:21:28.6:2.0,28.22Sx176.42W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.5/24, mbtmp3.6/2, Error ellipse: s-maj=51.9km s-min=7.7km az=130.0, Kermedec Islands region

Table of station data for the Kermedec Islands region, including stations like RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISC 06 11:44:47.7:0.4,19.98S:0.03:69.00W:0.0/4, h113km, 3km, h113km:pp-P, n182, r1337/216, mb4.6/14, 8C, Chile-Bolivia border region

Main table of station data for the Chile-Bolivia border region, including stations like IPOC Station P, Pisagua, etc.

Main table of station data for the 6d 11h period, including stations like ACVD Cuesta del Vie, PTBL Pontes e Lacer, etc.

6d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for ZALV, MKAR, and MKAR.

IDC 06 14:23:52.6,2.2,21.51N:142.57E,h260km,88km,mb2.8/3, mb1.3,3.5,mb1mx2.9/56,mbtmp4.0/5, Error ellipse: s-maj=24.2km s-min=15.3km,SNR=3.6

ISC 06 14:23:52.8,1.8,21.51N:0.1,142.3E:0.5,h250km,n5, o#562/6,mb2.8/3, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for JCJ, JCH, JHJ, WRA, ASAR, and MKAR.

IDC 06 14:24:33.6,3.2,6.70N:72.95W,h160km,50km,mb1.3,8/2, mb1mx3.1/37,mbtmp4.3/2, Error ellipse: s-maj=590.8km s-min=7.7km az=132.0

RSNC 06 14:24:33.0,1.0,6.80N:73.12W,h150km,4km,ML3.4, Mw3.7, Fault plane solution: NP1:0,50.00000,

ISC 06 14:24:33.1,0.6,6.80N:0.03,73.11W:0.03,h160km,6km, n34,r#138/65,6C-1D, Northern Colombia

Main table for 6d 14h section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

2015 NOV

comp=Z,0.3nm,0.4s,baz=339,slow=3.2,SNR=2.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for MOS, ANF, NEIC, and AEIC.

NEIC 06 14:26:49.0,1.3,62.03N:150.15W,h58km,mb4.7/29, Error ellipse: s-maj=13.2km s-min=5.9km az=97.2

ISC 06 14:26:49.0,0.4,62.03N:0.02,149.90W:0.02,h54km,3km, h54km;pp-P,n537,r#111/542,mb4.6/79,MS3.4/14, 61C-38D, Fault plane solution: NP1:0,247.70766,

ISC 06 14:26:50.1,1.6,62.00N:0.03,149.88W:0.04,h46km,5km, ML4.6,mb4.4/41(NEIC),ML4.7/184(NEIC), Mw4.4,3/37(NEIC), Error ellipse: s-maj=4.3km s-min=2.6km az=191.0

NEIC 06 14:26:50.61,99N:149.91W,h58km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mir-4.88;

ISC 06 14:26:50.0,0.4,62.00N:0.02,149.90W:0.02,h54km,3km, h54km;pp-P,n537,r#111/542,mb4.6/79,MS3.4/14, 61C-38D, Fault plane solution: NP1:0,247.70766,

ISC 06 14:26:50.1,1.6,62.00N:0.03,149.88W:0.04,h46km,5km, ML4.6,mb4.4/41(NEIC),ML4.7/184(NEIC), Mw4.4,3/37(NEIC), Error ellipse: s-maj=4.3km s-min=2.6km az=191.0

ISC 06 14:26:50.61,99N:149.91W,h58km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mir-4.88;

ISC 06 14:26:50.1,1.6,62.00N:0.03,149.88W:0.04,h46km,5km, ML4.6,mb4.4/41(NEIC),ML4.7/184(NEIC), Mw4.4,3/37(NEIC), Error ellipse: s-maj=4.3km s-min=2.6km az=191.0

ISC 06 14:26:50.1,1.6,62.00N:0.03,149.88W:0.04,h46km,5km, ML4.6,mb4.4/41(NEIC),ML4.7/184(NEIC), Mw4.4,3/37(NEIC), Error ellipse: s-maj=4.3km s-min=2.6km az=191.0

Main table for 2015 NOV section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

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Main table for 322 section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

RIDG	Independent Ri	2.91 51	IAML	14 28 13.4	ISLE	Juniper Island	3.91 108	IAML	14 28 46.6	DLBC	comp=N,290nm,19.7s,baz=290,slow=39	Dease Lake	10.50 101	Pn	Pn	14 29 16.8 +0.2
PS08	TAPS Pump Str8	2.91 27	Pn	14 27 33.6 +0.8	BC03	Beaver Creek A	3.91 70	Pn	14 27 47.2 +0.8	WRAK	Wrangell Isak	10.57 114	P	Pn	14 29 18.1 +0.5	
J20K	Nowinta River	2.92 30	P	14 27 34.0 +1.1	BCAR	Barkley Dog	3.91 70	Pn	14 27 47.1 +0.6	A36M	Sachs Harbour	13.76 33	P	Pn	14 30 00.6 -0.3	
J20K	Nowinta River	2.92 320	Pn	14 27 33.8 +0.9	H2AK	Porcupine Dome	3.92 111	P	14 27 48.3 +1.1	A36M	Sachs Harbour	13.76 33	P	Pn	14 30 01.0 +0.1	
J20K	Nowinta River	2.92 320	IAML	14 28 09.7	PRP	Porcupine Dome	4.04 27	P	14 27 49.4 +1.1	BBB	Bella Bella	15.31 120	P	Pn	14 30 22.1 +0.7	
GLB	Gilahina Butte	2.95 98	Pn	14 28 25.4	PRP	Porcupine Dome	4.04 27	IAML	14 27 49.4 +1.1	BBB	comp=N,0.7nm,0.3s,baz=297,slow=1.1,SNR=1.2					14 35 24.9
GLB	Gilahina Butte	2.95 98	IAML	14 28 19.5	PRP	Porcupine Dome	4.04 27	IAML	14 28 56.9	YKA	Yellowknife Ar	16.33 73	P	Pn	14 30 34.8 +0.5	
GLB	comp=E,2um,0.6s			14 28 19.9	PRP	comp=N,484nm,0.4s			14 29 05.3	YKA	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
TT01	Tatalina	2.99 291	Pn	14 27 34.2 +0.4	BARN	Barnard Glacie	4.06 100	Pn	14 27 49.3 +0.6	YKA	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
TTA	Tatalina	2.99 291	P	14 27 34.3 +0.4	BAGL	Begley Icefield	4.07 108	Pn	14 27 48.7 +0.2	YKA	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
TTA	Tatalina	2.99 291	Pn	14 27 34.3 +0.4	GRNC	Granite Creek	4.12 104	Pn	14 27 47.9 +0.1	YKA	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
TTA	Tatalina	2.99 291	Pn	14 27 34.3 +0.4	GRNC	Granite Creek	4.12 104	IAML	14 28 56.4	YKA	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
RAGM	Ragged Mountai	3.00 120	Pn	14 27 35.0 +1.0	GRNC	Granite Creek	4.12 104	IAML	14 28 56.4	YKA	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
MENT	Mentasta	3.02 69	Pn	14 27 34.8 +0.4	GRNC	Granite Creek	4.12 104	IAML	14 28 56.4	YKA	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
TCOL	CIGO, UAF Yank	3.03 17	P	14 27 35.5 +1.0	GRNC	Granite Creek	4.12 104	IAML	14 28 56.4	YKA	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
COLA	COLA College	3.03 17	P	14 27 35.5 +1.0	GCSA	Galena City Sc	4.18 314	P	14 27 51.1 +1.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
COLA	COLA College	3.03 17	P	14 27 35.5 +1.0	CTG	China Glacier	4.24 100	P	14 27 51.1 +1.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
COLA	COLA College	3.03 17	P	14 27 35.5 +1.0	CTGM	China Glacier	4.24 100	IAML	14 27 51.1 +1.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
IS3US	FAIRBANKS INFR	3.03 17	P	14 27 35.4 +1.0	CTGM	China Glacier	4.24 100	IAML	14 27 51.1 +1.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
MDM	Murphy Dome	3.07 13	Pn	14 27 36.0 +1.1	BVCY	Beaver Creek	4.26 80	Pn	14 27 52.2 +1.0	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
MDM	Murphy Dome	3.07 13	IAML	14 28 12.5	BVCY	Beaver Creek	4.26 80	Pn	14 27 52.2 +1.0	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
MLY	Manley	3.07 353	Pn	14 27 35.7 +0.7	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
IL31	Eielson Array	3.10 25	Pn	14 27 36.1 +0.7	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
ILAR	Eielson Array	3.10 25	P	14 27 36.1 +0.7	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
ILAR	comp=N,33nm,0.3s,baz=207,slow=14,SNR=769			14 28 10.0 -1.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
Q23K	Middleton Isla	3.11 144	P	14 27 36.2 +0.7	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
Q23K	Middleton Isla	3.11 144	Pn	14 27 36.5 +1.0	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
Q23K	Middleton Isla	3.12 144	P	14 27 36.0 +0.5	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
MID	Middleton Isla	3.12 144	Pn	14 27 36.0 +0.5	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
MID	Middleton Isla	3.12 144	IAML	14 28 40.3	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
MID	comp=N,2um,0.8s			14 28 40.3	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
AU22	Augustine Lava	3.13 214	Pn	14 27 38.8 +3.0	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
AUL	Augustine Lava	3.14 215	Pn	14 27 39.0 +3.0	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
DOT	Dot Lake	3.15 56	Pn	14 27 38.7 +2.5	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
AGU	Augustine-Summ	3.16 215	Pn	14 27 38.6 +2.2	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
AUQ	Augustine Oik	3.16 215	Pn	14 27 39.2 +3.0	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
AUCH	Augustine Cone	3.16 215	Pn	14 27 39.2 +3.0	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
AUW	Augustine West	3.16 215	Pn	14 27 39.2 +3.0	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
I23K	Minto, Yukon-K	3.17 4	P	14 27 37.5 +1.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
I23K	Minto, Yukon-K	3.17 4	P	14 27 37.5 +1.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
I23K	Minto, Yukon-K	3.17 4	P	14 27 37.5 +1.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
I23K	Minto, Yukon-K	3.17 4	P	14 27 37.5 +1.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
VRDI	Verde Repeater	3.18 101	Pn	14 27 36.0 -0.6	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
VRDI	Verde Repeater	3.18 101	Pn	14 27 36.0 -0.6	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
VRDI	Verde Repeater	3.18 101	Pn	14 27 36.0 -0.6	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
VRDI	Verde Repeater	3.18 101	Pn	14 27 36.0 -0.6	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
HMT	Hamilton	3.20 119	Pn	14 27 36.7 -0.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
L26K	Log Cabin Wild	3.21 68	P	14 27 38.1 +1.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
L26K	Log Cabin Wild	3.21 68	P	14 27 38.1 +1.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
L26K	Log Cabin Wild	3.21 68	IAML	14 28 32.8	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
L26K	Log Cabin Wild	3.21 68	IAML	14 28 32.8	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
L26K	Log Cabin Wild	3.21 68	IAML	14 28 32.8	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
L26K	Log Cabin Wild	3.21 68	IAML	14 28 32.8	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	Pn	14 27 38.5 +0.8	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	Pn	14 27 38.5 +0.8	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	IAML	14 28 35.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	IAML	14 28 35.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	IAML	14 28 35.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	IAML	14 28 35.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	IAML	14 28 35.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	IAML	14 28 35.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	IAML	14 28 35.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	IAML	14 28 35.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.9s,baz=0.0,slow=38	Yellowknife Ar	16.33 73	P	Pn	14 30 37.0 +0.6
M26K	Nabesna, AK	3.26 80	IAML	14 28 35.1	MESA	MESA	4.27 112	P	14 27 51.7 +0.1	BILL	comp=N,1.03nm,19.					

Table with columns: TRF, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Thorofore Moun, Skilak Lake, Cooper Landing, etc.

Table with columns: BMRM, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Bremner River, Harding Lake, Port Alsworth, etc.

Table with columns: SNH, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Beaver Creek, Melozitna Rive, Juniper Island, etc.

ICD 06 15:14:38.0z 7.7, 14:42S*167.12E, h88km, 79km, mb3.7/5, mb1.4/0.6, mb1mx3.5/39, mbmtmp4.1/6, ML4.1/1, Error ellipse: s-major=82.4km s-minor=34.6km az=148.0, NOU 06 15:14:45.2, 14:82S-167:53E, h130km, MLV4.7/12, Vanuatu Islands, ICS 06 15:14:38.8-1.4, 14:45S:01x167.3E:0.2, h100km, n14, c1976/15, mb4.2/5, Vanuatu Islands

6nd 16h

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

IDC 06 15:21.21.3.10, 15.025S, 165.73E, h0km, mb4.0/3, mb1 4.3/4, mb1mx3.8/37, mbtmp4.1/4, ML4.5/1, Error ellipse: s-maj=231.4km s-min=36.3km az=56.0

NOU 06 15:1.23.8, 14.79S, 167.44E, h126km, MLV5.0/13, Vanuatu Islands

ISC 06 15:31.23.9.1, 14.93S, 0.1, 167.55E, 0.2, h150km, n15, c112/17, mb3.8/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like DVP Devils Point, KOUNC Koumang, WARRA Warramunga Arr, etc.

NEIC 06 15:35.33.4.1.6.21.5N.0.1, 143.4E, 0.3, h304km, 10km, mb4.1/14, Error ellipse: s-maj=42.8km s-min=13.3km

IDC 06 15:35.34.4.1.8.21.52N, 143.00E, h311km, 18km, mb3.3/10, mb1 3.5/13, mb1mx3.3/43, mbtmp4.2/13, Error ellipse: s-maj=24.8km s-min=11.3km az=83.0

ISC 06 15:35.33.8.0.6.21.51N, 0.07, 143.2E, 0.1, h311km, n52, c083/53, mb3.7/11, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like JCJ Chichijima, JCJ Chichijima, CBJ Chichijima, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like DRS 06 15:40:51.6.0.0, MOS 06 15:40:51.5.0.0, NORCS 06 15:40:51.2.0.0, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like URKR Kasumkent, KSMR Kasumkent, MAK Makahachkala, etc.

IDC 06 15:47:30.4.1.2.42.59N, 141.20E, h133km, 14km, mb3.5/7, mb1 3.6/10, mb1mx3.3/38, mbtmp4.0/10, MS2.8/1, Ms1 2.8/1, ms1mx2.2/40, Error ellipse: s-maj=26.8km s-min=14.6km az=107.0

JMA 06 15:47:31.0.0.1, 42.66N, 141.24E, h133km, 1km, M3.7

ISC 06 15:47:30.6.0.7, 42.63N, 141.28E, 0.05, 141.17km, 6km, n30, c067/40, mb3.7/7, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like JNB Noboribetsu, JEW Jew, JIAM Iburiatsuma, etc.

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

ECX 06 16:23:24.6.0.4, 31.69N, 115.04W, h10km, 7km, MD2.8, ML3.0

MEX 06 16:23:26.1.0.6, 31.62N, 115.02W, h13km, 23km, MD3.7

ISC 06 16:23:21.1.1.4, 31.68N, 102.45E, 151.01W, 0.04, h11km, 11km, n15, c087/22, IC, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SFX San Felipe, SFX San Felipe, MBIG Mexicali, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CBX Cerro Bola, CBX Cerro Bola, TJIG Tijuana, etc.

Timor region 326

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

IDC 06 16:45:43.6.1.8, 4.19N, 124.61E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/48, mbtmp3.5/4, Error ellipse: s-maj=117.8km s-min=24.7km az=67.0

DJA 06 16:46:28.9.0.7, 3.7N, 8.12E, h462km, 4km, M3.9/9, mb3.9/6, mb4.3/4, MLV3.9/9, MW(mlw)3.4/4

ISC 06 16:46:29.3.1.3, 3.33N, 0.2, 123.3E, 0.1, h450km, n14, c191/14, mb3.2/4, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KMSI Cibinong, MRSI Marisa, LUWI Luwuk, etc.

IDC 06 16:46:36.7.21.0, 46.02N, 153.02E, h107km, 19km, mb3.7/3, mb1 3.7/5, mb1mx3.1/51, mbtmp4.0/5, MS2.9/2, Ms1 2.9/2, ms1mx2.3/63, Error ellipse: s-maj=456.8km s-min=14.9km az=140.0, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ASAJ Asahikawa, PETK Petropavlovsk, FINES FINESS Array B, etc.

NOU 06 16:53:40.5, 16.80S, 167.17E, h0km, MLV4.6/10, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like DVP Devils Point, KOUNC Koumang, YATNC Mamie plateau, etc.

IDC 06 16:54:20.7.1.6, 52.29N, 169.40W, h0km, mb3.9/11, mb1 4.1/14, mb1mx3.9/50, mbtmp3.9/14, ML3.7/3, Error ellipse: s-maj=42.7km s-min=18.5km az=164.0

NEIC 06 16:54:22.1.2.6, 52.04N, 0.06, 169.24W, 0.05, h10km, 2km, Error ellipse: s-maj=11.0km s-min=3.2km az=157.0

AEIC 06 16:54:26.2.5, 52.29N, 0.09, 169.37W, 0.09, h32km, 8km, ML3.5, mb4.2/11 (NEIC), Error ellipse: s-maj=13.8km s-min=7.3km az=161.0

ISC 06 16:54:27.1.1.1, 52.42N, 0.2, 169.43W, 0.10, h40km, n41, c090/40, mb4.0/12, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, OKTU Okmok Mt. Tull, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like M24K Tolsona, Glenn, N25K Chitina, Valde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like VRED Venanc Repter, ILAR Eielson Array, RIDG Independent IR, etc.

Table with 4 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like CMAR Chiang Mai Arr, GERES GERESS Array B, KBZ Khabaz.

MAN 06 16:58:26.3, 5.32N x 127.42E, h1km, mb4.9, ML3.8, MS3.8
DJA 06 16:58:26.0, 7.5 N 6.6 E, 12.7E, h2km, 10km, M4.3/13,
mb4.9/5, mb4.3/3.3, Mb(4.2/2.5)

ISC 06 16:58:30.0, 0.5, 5.21N, 0.04, 127.30E, 0.07, h150km, n62,
z=201/68, mb4.0/23, 2C-2D, Phillipine Islands region

Main table of station data for the first section, including columns for Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Lists stations like SGSI Sangihe, GSPH General Santos, DAV Davao City (W), etc.

ISC 06 17:18:33.987, 0.503N, 125.29E, h0km, Error ellipse:
s-maj=457.1km s-min=85.2km az=90.0, Western

Table with 4 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like I31KZ AKTYUBINSK INF, H46RU ZALESOVO INFRA20, I34MN SONGINO INFRA34.

NEIC 06 17:22:39.5, 2.4, 8.18S, 0.06 x 125.32E, 0.08, h10km, 1km,
mb4.1/3, Error ellipse: s-maj=14.3km s-min=9.3km
az=252.0
IDC 06 17:22:40.1, 1.6, 8.12S, 125.30E, h0km, mb3.7/2,

mb1 4.0/6, mb1mx3.735, mbtmp3.8/6, ML3.6/4, MS2.9/2,
Ms1 2.9/2, ms1mx2.5/4.2, Error ellipse: s-maj=39.5km
s-min=21.1km az=80.0
DJA 06 17:22:45.0, 0.5, 8.14S, 127.5E, h10km, M3.9/9, mb4.0/4,
mb4.5/1, MLV3.8/9, MW(mb)3.7/1
ISC 06 17:22:39.7, 0.8, 8.25S, 0.05 x 125.29E, 0.07, h10km, n30,
z=1949/34, mb4.0/4, Timor region

Main table of station data for the second section, including columns for Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Lists stations like SOEI Soe, SOEI Soe, BATI Baumata, etc.

IDC 06 17:33:17.1, 1.1, 8.48S, 125.39E, h0km, mb4.0/1,
mb1 3.6/5, mb1mx3.4/4.1, mbtmp3.4/5, ML3.1/4, Error
ellipse: s-maj=14.0km s-min=9.3km az=175.0

ISC 06 17:33:18.5, 1.5, 8.65S, 0.1 x 125.4E, 0.1, h10km, n5, z=0935/7,
Timor region

Main table of station data for the third section, including columns for Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Lists stations like BATI Baumata, BATI Baumata, FITZ Fitzroy Crossi, etc.

IDC 06 17:33:19.3, 0.6, 7.28N, 125.98E, h0km, mb4.3/16,
mb1 4.4/19, mb1mx4.2/4.7, mbtmp4.4/19, ML4.5/3, MS3.6/23,
s-maj=7.8km az=149.0
BJJ 06 17:33:21.9, 0.7, 7.22N, 125.79E, h26km, mb4.8/28,
mb4.6/47, Ms4.3/21, Ms7.4/121

MAN 06 17:33:23.1, 7.20N, 125.50E, h8km, mb5.4, ML4.4, MS4.7
NEIC 06 17:33:24.7, 1.9, 7.21N, 125.59E, 0.06, h31km, 5km,
mb4.7/49, Error ellipse: s-maj=10.4km s-min=7.8km
az=214.0

DJA 06 17:33:25.8, 1.2, 7.20N, 125.6E, h38km, 12km, M4.9/20,
mb5.3/11, mb4.9/20, MLV3.6/6, MW(mb)4.7/11
ISC 06 17:33:24.1, 0.7, 7.15N, 0.03 x 125.57E, 0.04, h30km, 4km,
n135, z=1737/136, mb4.6/65, MS3.8/25, 7C-6D, Hindanoao

Main table of station data for the fourth section, including columns for Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Lists stations like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W), etc.

Main table of station data for the fifth section, including columns for Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Lists stations like FAKI Fak Fak, FAKI Fak Fak, KAPI Kappang, etc.

6D 18h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ODare, STKAS, STKA, etc.

ISK 06 17:50:23.5, 34.16N, 35.98E, h5km, ML3.2/3
GII 06 17:50:23.0, 34.23N, 36.06E, h1km, MD3.2/3, Mm3.3/6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HWQ, BHL, BHQ, etc.

2015 NOV

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

IDC 06 18:06:54.7, 1.5, 30.23S, 177.51W, h0km, mb3.3/2,
mb1 3.6/2, mb1mx3.4/30, mbtmp3.3/2, Error ellipse:
s-maj=32.5km s-min=8.3km az=85.0, Kermadec Islands

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

IDC 06 18:17:11.9, 1.9, 6.54S, 130.14E, h0km, mb3.4/1,
mb1 3.5/4, mb1mx3.3/37, mbtmp3.4/4, ML3.3/3, Error
ellipse: s-maj=79.3km s-min=28.8km az=81.0, Banda
Sea

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

IDC 06 18:17:46.3, 1.3, 8.29S, 125.37E, h0km, mb3.7/4,
mb1 3.9/8, mb1mx3.7/39, mbtmp3.8/8, ML3.6/4, Error
ellipse: s-maj=35.9km s-min=20.7km az=75.0

DJA 06 18:17:50.4, 0.9, 8.7S, 121.5E, h10km, M3.7/7, mb4.1/3,
ML3.5/7

IDC 06 18:17:47.2, 0.9, 8.43S, 125.18E, h0km, m10, n15,
42:26/19, mb3.9/4, Timor region

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

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMAR, MKAR, VVDA, etc.

SLM 06 18:39:00.1, 1.6, 37.43N, 0.01, 90.10W, 0.02, h12km, 6km,
Md2.5/20, mb_Lg2.9/100(NEIC), Error ellipse: s-maj=2.2km
s-min=1.6km az=96.0

NEIC 06 18:38:59.3, 1.3, 37.44N, 0.01, 90.10W, 0.02, h9km, 6km,
Error ellipse: s-maj=2.4km s-min=1.9km az=58.0,
Missouri-Illinois border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CGM3, GUAMO, PBMO, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Signal Mountain, White Oak Lake, Carrollton, Paris, etc.

SLM 06 18:40:50.4+0.9, 37.44N, 01.01+0.9, 10W, 0.02, h9km, 6km, Md2.1/1.0, mb_Lg2.8/3.2(NEIC), Error ellipse: s-maj=1.9km

NEIC 06 18:40:49.9-1.0, 37.43N, 01.01+0.9, 11W, 0.02, h8km, 6km, Error ellipse: s-maj=1.9km s-min=1.8km az=108.0, Missouri-Illinois border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Cape Girardeau, Guam, French Village, Poplar Bluff, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Paris, Rosedale, HDIL, Cedars of Lebanon, etc.

TAP 06 18:46:40.9, 24.82N, 121.92E, h11km, 1km, ML1.8, D,

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

TAP 06 18:46:42.9, 24.26N, 121.73E, h11km, ML1.7, 3D, D,

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

IDC 06 19:00:33.5+1.0, 2.33S, 120.51E, h0km, mb3.7/6, mb1.3/9.7, mb1mx3.7/30, mbmp3.7/7, ML3.2/1, MS3.3/6, Ms1.3/3.6, ms1mx2.9/33, Error ellipse: s-maj=42.4km s-min=16.8km az=68.0

DJA 06 19:00:35.9+0.2, 2.2S, 121.1E, h10km, M4.1/17, mb4.2/6, ML4.4/17

ISC 06 19:00:35.1+0.8, 2.38S, 120.53E, 0.07, h10km, n25, r1938/22, mb3.8/6, MS3.1/3, Sulawesi

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

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

DSN 06 19:25:32.0+3.9, 25.11N, 63.85E, h10km, ML2.9/6, Error ellipse: s-maj=94.9km s-min=29.3km az=18.0

OMAN 06 19:25:31.3+1.0, 25.57N, 64.03E, h19km, 38km, mb4.7/7, Error ellipse: s-maj=27.0km s-min=6.1km az=251.0, Southwestern Pakistan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Jalan Bani Buh, Wadi Sarin, Wadi Bani Khal, etc.

TRN 06 19:29:28.4, 16.40N, 62.27W, h173km, MD4.0, Leeward Islands

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

IDC 06 19:33:11.0+0.7, 8.15S, 125.36E, h0km, mb4.2/7, mb1.4/3.1, mb4.1mx4.1/35, mbmp4.2/11, ML4.1/4, MS3.0/3, Ms1.3/0.3, ms1mx2.6/29, Error ellipse: s-maj=25.5km s-min=15.5km az=78.0

NEIC 06 19:33:13.7+1.8, 8.15S, 125.05E, 0.05, h10km, 1km, mb4.4/21, Error ellipse: s-maj=12.9km s-min=5.5km az=122.0

DJA 06 19:33:13.8+1.0, 8.15S, 125.05E, h20km, 8km, M4.2/15, mb4.7/3, mb4.5/15, ML4.1/13, Mw(MB)3.9/3

ISC 06 19:33:11.9+0.4, 8.43S, 120.04E, 0.06, h10km, n71, r1938/74, mb4.4/16, 1C, Timor region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Trinidad (W), etc.

Code 19h

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

UPA 06 19:36:58.0.6.6:2.7N.82.08W, h20km, 15km, MW4.5
ISC 06 19:36:58.9.1.9, 6.44N, 0.06E, 82.11W, 0.09, h10km, n20,
s=126/22, 1C-1D, South of Panama

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

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 2015 NOV event.

IDC 06 19:38:05.8.2.0.54:09Sx145:37E, h0km, mb3.4/3,
mb1 3.7/3, mb1mx3.6/24, mbtmp3.4/3, MS3.6/1, Ms1 3.6/1,
ms1mx2.8/17, Error ellipse: s-maj=310.2km
s-min=16.6km az=76.0, West of Macquarie Island

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

MAN 06 19:40:52.1, 9.78N, 126.11E, h7km, mb4.5, ML3.4, MS2.2
NEIC 06 19:40:54.6.1.1, 9.91N, 0.08E, 126.4E, 0.1, h76km, 7km,
mb4.2/14, Error ellipse: s-maj=20.0km s-min=11.9km
az=91.0

IDC 06 19:40:57.6.5.0.9:76N, 126.18E, h103km, 41km, mb3.4/7,
s-maj=62.2km s-min=17.4km az=63.0
ISC 06 19:40:50.1.0.6.9:99N, 0.05E, 126.46E, 0.07, h35km, n42,
s=175/43, mb4.1/14, 4C-3D, Mindanao

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

IDC 06 19:42:35.4.3.0.2:21N, 127.11E, h43km, 26km, mb3.6/4,
mb1 3.9/4, mb1mx3.4/36, mbtmp3.8/4, Error ellipse:
s-maj=20.0km s-min=15.9km az=29.0
DJA 06 19:42:40.0.3.2:14.4x12.7E, h53km, 9km, M4, 1/14,
mb4.7/7, mb4.3/9, MLV4.2/14, Mw(MB)4.0/7
NEIC 06 19:42:48.4.1.5, 1.1N, 0.2E, 126.54E, 0.07, h97km, 10km,
mb4.2/6, Error ellipse: s-maj=24.4km s-min=10.2km
az=188.0

MAN 06 19:43:31.1, 6.82N, 125.25E, h1km, mb4.0, ML2.8, MS2.5
ISC 06 19:42:40.4.1.1, 2.22N, 0.08E, 126.94E, 0.08, h100km, n28,
s=210/29, mb3.9/7, 1C, Northern Molucca Sea

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 330 event.

IDC 06 19:54:49.7.4.9, 15.63N, 95.05W, h32km, 36km, mb4.3/21,
mb1 4.5/22, mb1mx4.4/34, mbtmp4.5/22, ML5.1/1, MS3.9/15,
Ms1 3.9/15, ms1mx3.7/30, Error ellipse: s-maj=25.3km
s-min=11.0km az=58.0
NEIC 06 19:54:49.4.2.4, 15.62N, 0.05E, 95.10W, 0.01, h30km, 4km,
mb4.8/24, Md4.7/10(MEX), Error ellipse: s-maj=8.0km
s-min=1.5km az=179.0
MEX 06 19:54:50.2.4.5, 15.50N, 95.09W, h16km, 102km, MD4.7
ISC 06 19:54:49.5.0.3, 15.56N, 0.04E, 95.15W, 0.03, h35km, 3km,
n17, s=156/499, mb4.8/12, MS3.9/14, Near coast of
Oaxaca

IDC 06 19:54:49.7.4.9, 15.63N, 95.05W, h32km, 36km, mb4.3/21,
mb1 4.5/22, mb1mx4.4/34, mbtmp4.5/22, ML5.1/1, MS3.9/15,
Ms1 3.9/15, ms1mx3.7/30, Error ellipse: s-maj=25.3km
s-min=11.0km az=58.0

NEIC 06 19:54:49.4.2.4, 15.62N, 0.05E, 95.10W, 0.01, h30km, 4km,
mb4.8/24, Md4.7/10(MEX), Error ellipse: s-maj=8.0km
s-min=1.5km az=179.0

MEX 06 19:54:50.2.4.5, 15.50N, 95.09W, h16km, 102km, MD4.7
ISC 06 19:54:49.5.0.3, 15.56N, 0.04E, 95.15W, 0.03, h35km, 3km,
n17, s=156/499, mb4.8/12, MS3.9/14, Near coast of
Oaxaca

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

6d 20h

Table with columns: Mod, Name, Az, El, AzEl, P, S, T, AzEl, P, S, T. Includes stations like Modoc Plateau, Mt. Diablo Mer, Egmont, etc.

2015 NOV

Table with columns: BDFB, Name, Az, El, AzEl, P, S, T, AzEl, P, S, T. Includes stations like Brasilia, Terra Rica, Pacambu, etc.

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CMAR Chiang Mai Arr 143.46 337 PKP PKPdf 20 14 21.0 -0.3

NEIC 06:20:14.02,6.2,6,16:57N,0.04:95:88W,0.0:0.04,h49km,5.5km, mbs,0/323,Md4,7/114(MEX), Error ellipse: s-maj=5.5km

Oaxaca

Table with columns: Code, Station Name, Az, El, AzEl, P, S, T, AzEl, P, S, T. Includes stations like HUIG Huatulco, HUIG Huatulco, OXBJ Oaxaca, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like JTS Las Juntas de, JTS Las Juntas de, JTS Las Juntas de, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like WHAR Waverly Hall, 152A Waverly Hall, 152A Waverly Hall, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like TKL Tuckaleechee C, R40A Maddies State, X18A Snowflake, etc.

6d 20h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like K43A Burlington, RWWY Rawlins, MCWV W Mont Chateau, etc.

2015 NOV

Table with columns for station ID, name, frequency, and signal strength. Includes stations like G62A Newport, IOZE Swishome, LMQJ La Malbaie, etc.

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Table with columns for station ID, name, frequency, and signal strength. Includes stations like L20K Farewell, M19K Big River Lodg, MC01 Montes Claros, etc.

6d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PLAL Pickwick Lake, P40A Paris, W50A Signal Mountain, etc.

IDD 06 21:22:30.8±1.3, 52°43N:169°37W, h0km, mb3.9/11, mb1.4/1.13, mb1mx3.8/49, mbtmp4.0/13, ML3.8/2, Error ellipse: s-maj=36.9km s-min=16.6km az=176.0 NEIC 06 21:22:32.4±1.9, 52°11N:0°04:169°24W:0.7, h10km, 1km, mb4.0/20, ML3.3(AEIC), Error ellipse: s-maj=7.4km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, OKW Okmok Cone E, MSW Makushin Switc, etc.

2015 NOV

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IMAR Indian Mountain, M24K Tolsona, GRCG CRQM, etc.

IDD 06 21:32:43.6±5.2, 30°40S:60°29E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.5/51, mbtmp3.9/4, Error ellipse: s-maj=145.5km s-min=46.9km az=61.0 NEIC 06 21:32:46.0±1.4, 30°05S:0°1:60°31E:0.03, h10km, 1km, mb4.7/16, Error ellipse: s-maj=18.3km s-min=3.4km az=170.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RER Riviere de l'E, VOI Vohitsoka, M5EY Mahe Island, etc.

ISC 06 21:32:45.2±0.7, 30°05S:0°1:60°24E:0.09, h10km, n22, s=124/22, mb4.5/12, Southeast Indian Ridge Code Station Name Azimuth Phase ID Time Res ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LHM Lhiok Sumawe, CISI Cismpet, SNAAR Sanaar, etc.

JMA 06 21:46:02.1±0.1, 24°13N:141°94E, h191km, M4.8, Volcano Islands region Code Station Name Azimuth Phase ID Time Res ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JHH2 Haha-jima-NKT2, CBJ1 Chichi jima, BSO1 Boso 1, etc.

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

TAP 06 23:10:04.4, 24°79N:121°85E, h10km, 1km, ML1.5, C, Taiwan Code Station Name Azimuth Phase ID Time Res ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NTC Toucheng, ILA Ila, TWC TWC, etc.

JMA 06 23:10:16.8±0.1, 24°37N:123°03E, h54km, 2km, M1.6, Southwestern Ryukyu Islands Code Station Name Azimuth Phase ID Time Res ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonagunijimack, etc.

AEIC 06 23:11:42.1±9.5, 3°6N:0°2:166°8W:0.1, h73km, 5km, Error ellipse: s-maj=22.8km s-min=9.8km az=164.0 NEIC 06 23:11:41.9±1.7, 53°53N:0°1:166°8W:0.1, h80km, 6km, mb4.0/10, ML3.5/39(AEIC), Error ellipse: s-maj=21.7km s-min=8.8km az=163.0, Fox Islands Code Station Name Azimuth Phase ID Time Res ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MGOD Makushin Gods, MAPS Pakushin South, MREP Makushin Rep, etc.

O22K	Cooper Landing	1.75 169	P	Pn	23 44 32.2	-0.4
O22K	Cooper Landing	1.75 169	IAML	Pn	23 44 32.7	0.0
CHUM	Lake Minchumina	1.91 333	P	Pn	23 44 35.2	+0.3
CHUM	Lake Minchumina	1.91 333	S	Sn	23 44 58.1	+0.3
M19K	Big River Lodge	1.91 263	Pn	Pn	23 44 33.7	-1.3
BPAW	Bear Paw Mtn.	1.93 352	P	Sn	23 44 35.1	-0.1
BPAW	Bear Paw Mtn.	1.93 352	S	Sn	23 44 57.5	-0.8
BPAW	Bear Paw Mtn.	1.93 352	Pn	Pn	23 44 35.0	-0.2
M24K	Tolsona, Glenn	1.98 91	Pn	Pn	23 44 36.8	+0.9
M24K	Tolsona, Glenn	1.98 91	IAML	Pn	23 44 36.5	+0.7
BWN	Browne	2.03 11	Pn	Pn	23 44 36.4	-0.1
BWN	Browne	2.03 11	IAML	Pn	23 45 19.4	
BWN	Browne	2.03 11	IAML	Pn	23 45 23.7	
GLI	Glacier Island	2.05 129	P	Pn	23 44 35.9	-0.9
GLI	Glacier Island	2.05 129	S	Sn	23 45 00.7	-0.6
GLI	Glacier Island	2.05 129	IAML	Pn	23 44 35.9	-0.9
GLI	Glacier Island	2.05 129	IAML	Pn	23 45 09.0	
RSO	Redoubt South	2.08 214	P	Pn	23 44 37.6	+0.2
L19K	White Mountain	2.10 272	P	Pn	23 44 37.1	-0.4
L19K	White Mountain	2.10 272	S	Sn	23 45 02.4	-0.1
L19K	White Mountain	2.10 272	Pn	Pn	23 44 37.0	-0.4
L19K	White Mountain	2.10 272	IAML	Pn	23 45 03.3	
SEW	Seward	2.15 168	P	Pn	23 44 38.1	0.0
SEW	Seward	2.15 168	Pn	Pn	23 44 38.1	0.0
KLU	Klutina	2.23 107	P	Pn	23 44 38.6	-0.7
KLU	Klutina	2.23 107	Pn	Pn	23 44 38.7	-0.6
FID	Port Fidalgo	2.37 126	IAML	Pn	23 44 39.9	-1.2
FID	Port Fidalgo	2.37 126	IAML	Pn	23 45 18.7	
O20K	Slope Mountain	2.38 208	P	Pn	23 44 42.3	+0.8
PAX	Paxson	2.40 69	P	Pn	23 44 42.6	+1.0
PAX	Paxson	2.40 69	Pn	Pn	23 44 41.8	+0.7
N19K	Bonanza Creek	2.41 237	P	Pn	23 44 41.4	-0.4
N19K	Bonanza Creek	2.41 237	IAML	Pn	23 44 41.6	-0.1
N19K	Bonanza Creek	2.41 237	IAML	Pn	23 45 35.1	
DIV	Divide	2.44 114	P	Pn	23 44 41.3	-0.9
HARP	HAARP	2.45 83	P	Pn	23 44 42.9	+0.7
BRLK	Bradley Lake	2.45 186	IAML	Pn	23 44 43.0	+0.7
BRLK	Bradley Lake	2.45 186	IAML	Pn	23 45 19.1	
BRSE	Bradley Lake S	2.47 184	P	Pn	23 44 43.1	+0.6
NEA2	Nenana	2.48 13	P	Pn	23 44 42.3	-0.3
NEA2	Nenana	2.48 13	Pn	Pn	23 44 42.1	-0.1
WRH	Wood River Hill	2.51 23	Pn	Pn	23 44 42.9	-0.1
HIN	Hinchinbrook I	2.60 132	Pn	Pn	23 44 43.4	-0.9
HOM	Homer	2.62 194	Pn	Pn	23 44 46.1	+1.6
J20K	Nowinta River	2.62 321	S	Sn	23 44 44.6	+0.1
J20K	Nowinta River	2.62 321	S	Sn	23 45 15.4	+0.3
J20K	Nowinta River	2.62 321	IAML	Pn	23 44 44.0	-0.5
J20K	Nowinta River	2.62 321	IAML	Pn	23 45 16.2	
J20K	Nowinta River	2.62 321	IAML	Pn	23 45 16.6	
HDA	Harding Lake	2.71 33	P	Pn	23 44 46.1	+0.3
HDA	Harding Lake	2.71 33	IAML	Pn	23 44 45.8	+0.1
HDA	Harding Lake	2.71 33	IAML	Pn	23 45 24.4	
HTA	Hooda	2.71 33	IAML	Pn	23 45 36.8	
TTA	Tatalina	2.71 288	P	Pn	23 44 45.2	-0.6
TTA	Tatalina	2.71 288	S	Sn	23 45 16.7	-0.7
TTA	Tatalina	2.71 288	Pn	Pn	23 44 45.1	-0.8
CNPM	China Poot	2.71 189	IAML	Pn	23 44 46.3	+0.4
CNPM	China Poot	2.71 189	IAML	Pn	23 45 25.4	
CNPM	China Poot	2.71 189	IAML	Pn	23 45 26.9	
SVW2	Sparrevohn	2.72 248	Pn	Pn	23 44 45.2	-0.7
CCB	Clear Creek Bu	2.72 24	Pn	Pn	23 44 45.6	-0.3
O19K	Port Alsworth	2.77 225	P	Pn	23 44 46.5	-0.1
O19K	Port Alsworth	2.77 225	Pn	Pn	23 44 46.5	-0.1
O19K	Port Alsworth	2.77 225	IAML	Pn	23 45 24.3	
O19K	Port Alsworth	2.77 225	IAML	Pn	23 45 28.9	
EYAK	Cordova Ski Ar	2.77 125	Pn	Pn	23 44 46.2	-0.5
N25K	Chitina, Valde	2.80 100	S	Sn	23 44 46.9	-0.2
N25K	Chitina, Valde	2.80 100	S	Sn	23 45 19.3	-0.3
N25K	Chitina, Valde	2.80 100	IAML	Pn	23 44 46.5	-0.5
N25K	Chitina, Valde	2.80 100	IAML	Pn	23 45 30.5	
N25K	Chitina, Valde	2.80 100	IAML	Pn	23 45 31.2	
MLY	Manley	2.85 357	P	Pn	23 44 47.7	0.0
MLY	Manley	2.85 357	S	Sn	23 45 19.6	-1.3
MLY	Manley	2.85 357	Pn	Pn	23 44 47.7	0.0
P19K	Oil Pt	2.91 210	Pn	Pn	23 44 48.6	+0.1
P19K	Oil Pt	2.91 210	IAML	Pn	23 45 37.6	
P19K	Oil Pt	2.91 210	IAML	Pn	23 45 38.6	
TCOL	CIGO, UAF Yank	2.92 22	P	Pn	23 44 48.9	+0.3
TCOL	CIGO, UAF Yank	2.92 22	S	Sn	23 45 21.9	-0.4
TCOL	CIGO, UAF Yank	2.92 22	P	Pn	23 44 48.8	+0.2
COLA	College	2.92 22	P	Pn	23 44 48.7	+0.1
COLA	College	2.92 22	S	Sn	23 45 21.9	-0.4
COLA	College	2.92 22	S	Sn	23 44 48.6	+0.1
MDM	Murphy Dome	2.94 18	Pn	Pn	23 44 49.1	+0.2
RIDG	Independent Ri	2.96 56	P	Pn	23 44 50.0	+0.7
RIDG	Independent Ri	2.96 56	Pn	Pn	23 44 50.0	+0.7
RIDG	Independent Ri	2.96 56	IAML	Pn	23 44 50.0	+0.7
I23K	Minto, Yukon-K	3.00 8	P	Pn	23 44 49.8	+0.1
I23K	Minto, Yukon-K	3.00 8	Pn	Pn	23 44 49.5	-0.1
IL31	Minto, Yukon-K	3.02 30	Pn	Pn	23 44 49.9	-0.1
ILAR	Eielson Array	3.02 30	Pn	Pn	23 44 50.5	+0.5
ILAR	Eielson Array	3.02 30	S	Sn	23 44 24.2	-0.7
ILAR	Eielson Array	3.02 30	Lg	Lg	23 45 41.3	

BMRM	Bremner River	3.02 112	P	Pn	23 44 49.9	-0.2
BMRM	Bremner River	3.02 112	Pn	Pn	23 44 49.3	-0.8
BMRM	Bremner River	3.02 112	IAML	Pn	23 45 35.9	
BMRM	Bremner River	3.02 112	IAML	Pn	23 45 40.6	
I21K	Tanana	3.08 347	P	Pn	23 44 51.2	+0.4
I21K	Tanana	3.08 347	Pn	Pn	23 44 50.6	-0.2
MENT	Menasta	3.17 73	Pn	Pn	23 44 48.6	-3.5
MENT	Menasta	3.17 73	IAML	Pn	23 45 41.2	
MENT	Menasta	3.17 73	IAML	Pn	23 45 47.2	
GLB	Gilghina Butte	3.21 101	IAML	Pn	23 45 40.8	
GLB	Gilghina Butte	3.21 101	IAML	Pn	23 45 43.4	
POKR	Poker Plat Res	3.21 23	P	Pn	23 44 53.0	+0.3
POKR	Poker Plat Res	3.21 23	Pn	Pn	23 44 52.8	+0.1
POKR	Poker Plat Res	3.21 23	Pn	Pn	23 44 53.3	+0.3
POKR	Poker Plat Res	3.21 23	Pn	Pn	23 44 52.5	-1.3
POKR	Poker Plat Res	3.21 23	P	Pn	23 44 54.1	+0.1
O18K	Koktuh Hills	3.32 227	P	Pn	23 44 53.8	-0.4
O18K	Koktuh Hills	3.32 227	Pn	Pn	23 44 53.3	-0.8
O18K	Koktuh Hills	3.32 227	IAML	Pn	23 45 33.4	
L26K	Log Cabin Vill	3.35 73	Pn	Pn	23 44 55.4	+0.8
L26K	Log Cabin Vill	3.35 73	IAML	Pn	23 45 52.6	
L26K	Log Cabin Vill	3.35 73	IAML	Pn	23 45 55.4	
SCRK	Sand Creek	3.41 56	P	Pn	23 44 55.8	+0.3
SCRK	Sand Creek	3.41 56	Pn	Pn	23 44 56.7	+1.2
SCRK	Sand Creek	3.41 56	IAML	Pn	23 45 41.0	
SCRK	Sand Creek	3.41 56	IAML	Pn	23 45 41.0	
SCRK	Sand Creek	3.41 56	IAML	Pn	23 45 41.0	
VRDI	Verde Reservoir	3.44 103	Pn	Pn	23 44 57.3	+1.4
VRDI	Verde Reservoir	3.44 103	IAML	Pn	23 45 47.0	
VRDI	Verde Reservoir	3.44 103	IAML	Pn	23 45 55.1	
MCARA	McCarthy VSAT	3.59 100	Pn	Pn	23 45 00.0	+2.3
MCARA	McCarthy VSAT	3.59 100	IAML	Pn	23 46 06.3	
H21K	Melozina River	3.64 344	P	Pn	23 44 58.6	+0.1
Q19K	Cape Douglas,	3.65 208	P	Pn	23 44 59.6	+0.9
Q19K	Cape Douglas,	3.65 208	Pn	Pn	23 44 59.2	+0.5
H23K	Yukon River	3.66 5	P	Pn	23 44 59.0	+0.2
H23K	Yukon River	3.66 5	Pn	Pn	23 44 59.0	+0.2
H23K	Yukon River	3.66 5	Pn	Pn	23 44 59.6	+0.5
KAIM	Kaimosi Island	3.68 126	Pn	Pn	23 44 58.8	-0.3
P18K	Big Mountain,	3.68 122	Pn	Pn	23 45 59.3	
P18K	Big Mountain,	3.68 122	IAML	Pn	23 46 04.7	
P18K	Big Mountain,	3.68 122	IAML	Pn	23 46 04.7	
BERG	Berg Lake	3.69 116	Pn	Pn	23 45 00.3	+1.0
CRMQ	CrMQ	3.76 109	Pn	Pn	23 45 01.4	+1.0
CRQE	CrMQ	3.78 109	P	Pn	23 45 01.5	+0.9
H24K	Noodor Dome	3.82 16	Pn	Pn	23 45 01.3	+0.4
J26L	Joseph Creek	3.84 50	P	Pn	23 45 02.1	+0.7
SUCK	Sucking Hills	3.84 121	Pn	Pn	23 45 01.6	+0.3
TGL	Tana Glacier	3.90 108	IAML	Pn	23 45 02.3	+0.2
TGL	Tana Glacier	3.90 108	IAML	Pn	23 45 10.4	
PRP	Porcupine Dome	3.96 31	P	Pn	23 45 03.5	+0.4
PRP	Porcupine Dome	3.96 31	IAML	Pn	23 45 56.9	
PRP	Porcupine Dome	3.96 31	IAML	Pn	23 46 14.8	
WAX	Waxell Ridge	4.03 112	Pn	Pn	23 45 03.8	-0.1
L27K	Beaver Creek,	4.04 74	P	Pn	23 45 04.5	+0.5
L27K	Beaver Creek,	4.04 74	IAML	Pn	23 46 17.8	
IMAR	Indian Mountai	4.08 340	Pn	Pn	23 45 04.6	+0.1
SNH	Sunshine Point	4.17 116	Pn	Pn	23 45 05.2	-0.6
ISLE	Juniper Island	4.18 109	Pn	Pn	23 45 05.1	-1.0
ISLE	Juniper Island	4.18 109	IAML	Pn	23 46 08.7	
BARN	Barnard Glacier	4.31 101	IAML	Pn	23 45 09.0	+1.1
BARN	Barnard Glacier	4.31 101	IAML	Pn	23 46 15.5	
BARN	Barnard Glacier	4.31 101	IAML	Pn	23 46 16.3	
GRNC	Granite Creek	4.39 106	IAML	Pn	23 45 09.3	+0.3
GRNC	Granite Creek	4.39 106	IAML	Pn	23 46 20.3	
GRNC	Granite Creek	4.39 106	IAML	Pn	23 46 29.8	
CTGM	Chitina Glacier	4.50 102	Pn	Pn	23 45 10.4	+0.1
CTGM	Chitina Glacier	4.50 102	IAML	Pn	23 46 21.9	
CTGM	Chitina Glacier	4.50 102	IAML	Pn	23 46 27.8	
MESA	Mesa	4.55 113	P	Pn	23 45 10.5	-0.6
MESA	Mesa	4.55 113	Pn	Pn	23 45 11.1	-0.1
MESA	Mesa	4.55 113	Pn	Pn	23 45 11.1	-0.1
YAH	Yahstse	4.55 110	Pn	Pn	23 45 11.4	+0.2
YAH	Yahstse	4.55 110	IAML	Pn	23 46 23.2	
KDAK	Kodiak Island	4.56 195	Pn	Pn	23 45 11.1	0.0
KDAK	Kodiak Island	4.56 195	Pn	Pn	23 45 11.6	+0.5
KDAK	Kodiak Island	4.56 195	Pn	Pn	23 46 23.2	
LOGN	Logan Glacier	4.70 103	Pn	Pn	23 46 25.8	
LOGN	Logan Glacier	4.70 103	IAML	Pn	23 46 25.8	
LOGN	Logan Glacier	4.70 103	IAML	Pn	23 46 25.8	
YUK3	Moose Creek	4.70 91	P	Pn	23 45 13.0	-0.1
TABL	Table Mountain	4.79 107	Pn	Pn	23 45 15.2	+0.9
TABL	Table Mountain	4.79 107	IAML	Pn	23 46 14.9	
TABL	Table Mountain	4.79 107	IAML	Pn	23 46 28.1	
EGAK	Eagle	4.88 54	Pn	Pn	23 45 16.6	+1.3
EGAK	Eagle	4.88 54	IAML	Pn	23 46 44.2	
FYU	Fort Yukon	4.92 25	Pn	Pn	23 45 17.5	+1.5
FYU	Fort Yukon	4.92 25	IAML	Pn	23 47 10.8	
FYU	Fort Yukon	4.92 25	IAML	Pn	23 47 24.1	
COLD	Coldfoot	5.05 1	P	Pn	23 45 18.4	+0.6
COLD	Coldfoot	5.05 1	Pn	Pn	23 45 18.3	+0.5
CHAK	Old Harbor	5.02 198				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, MAZK Makanchi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like INK Inuvik, SIRT Sirkak, KLMP Klumskoe, etc.

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

7d 4h

Table with columns: EMPR, comp, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CELP Cerrillos, OBIP Obispo Ponce, AOPR Arecibo Observ, etc.

ADC 07 03:45:06.6-6.5, 19.785x176.04W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.6/23, mbtmpp3.7/2, Error ellipse: s-maj=308.4km s-min=101.3km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warrungunga Arr, AKASG Malin Array Bay.

ADC 07 03:58:44.7, 1.9 151.88S, 175.11W, h263km, 19km, mb3.8/20, mb1 3.9/21, mb1mx3.9/48, mbtmpp4.4/21, Error ellipse: s-maj=18.2km s-min=10.2km az=143.0, NEIC 07 03:58:44.7, 1.5 151.88S, 0.07x175.03W, h278km, n130, s197/117, mb4.3/35, 17C-7D, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, NIUE Niue, MSFV Nonsavu, etc.

2015 NOV

Main table with columns: WB2, comp, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WARRUNGUNGUA ARR, TENNANT CREEK, ALICE SPRINGS, etc.

TUE Stuetta 149.25 354 PKPbc PKPbc 04 18 02.3 +0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CTI Castel Tesino, PDG Podgorica, ESDC Sonseca Array, etc.

ADC 07 04:04:46.2x4.0, 6.33S, 149.02E, h0km, mb3.5/2, mb1 3.9/3, mb1mx3.5/46, mbtmpp3.6/3, ML4.0/1, Error ellipse: s-maj=110.0km s-min=53.3km az=116.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WARRUNGUNGUA ARR, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

TAP 07 04:12:31.0, 24.46N, 122.69E, h92km, ML4.0, C JMA 07 04:12:31.0, 24.43N, 122.65E, h90km, 2km, M3.0, IDC 07 04:12:31.0, 24.39N, 122.37E, h136km, 102km, mb3.3/7, mb1 3.4/8, mb1mx3.2/43, mbtmpp3.7/8, ML3.7/1, MS2.6/1, Ms1 2.6/1, ms1mx2.2/28, Error ellipse: s-maj=91.6km s-min=15.4km az=68.0, ISC 07 04:12:30.7, 0.7, 24.46N, 122.69E, h02, h91km, 5km, n135, s1814/232, mb3.5/7, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

NNS	baz=263	eS	Sn	04 13 09.4	-0.2	
TAP1	Taipei	1.20 299	eS	Sn	04 13 09.2	-0.2
TATO	Taipei	1.20 295	P	Sn	04 12 53.1	+0.3
TATO	baz=295	eS	Sn	04 13 09.4	0.0	
YHNB	Yeheng	1.21 280	P	Pn	04 12 53.7	+0.7
YHNB	baz=280	S	Sn	04 13 10.2	+0.4	
TAP	Taipei	1.22 298	eP	Pn	04 12 53.2	+0.3
TAP	baz=290	eS	Sn	04 13 09.7	0.0	
YM01	YM01	1.22 304	eP	Pn	04 12 53.6	+0.5
YM01	baz=296	eS	Sn	04 13 10.0	+0.1	
NSK	Sanguang	1.23 280	P	Pn	04 12 53.8	+0.6
NSK	baz=280	S	Sn	04 13 10.3	+0.1	
JKRS	Kuro-shima	1.23 100	P	Pn	04 12 54.2	+1.1
JKRS	Chenhu	1.23 306	eP	Sn	04 12 53.4	+0.3
YM08	YM08	baz=299	eS	Sn	04 13 10.0	-0.2
TYW	Chenhu	1.28 310	P	Pn	04 12 54.7	+1.0
TYW	baz=303	eS	Sn	04 13 12.2	+1.2	
TEGC	Jichi Village	1.29 235	eP	Pn	04 12 54.2	+0.4
TEGC	baz=290	eS	Sn	04 13 11.7	+0.4	
ESL	Shilin	1.31 241	P	Pn	04 12 54.1	-0.1
ESL	baz=246	eS	Sn	04 13 10.8	-1.1	
NTST	Danshui	1.32 302	eP	Pn	04 12 55.1	+0.9
NTST	baz=296	eS	Sn	04 13 12.4	+0.3	
JJJ	Ishigaki jima	1.33 94	P	Pn	04 12 55.0	+0.6
FUSS	Fushou	1.33 261	P	Pn	04 12 55.3	+0.7
FUSS	baz=266	eS	Sn	04 13 13.0	+0.3	
WHF	Hehuan Shan	1.33 257	eP	Pn	04 12 55.2	+0.3
WHF	baz=262	eS	Sn	04 13 12.6	-0.4	
EGFH	Guangfu	1.40 236	eP	Pn	04 12 55.2	0.0
EGFH	baz=232	eS	Sn	04 13 13.7	0.0	
TDCB	Techi	1.41 262	P	Pn	04 12 56.5	+1.0
TDCB	baz=261	S	Sn	04 13 14.0	-0.3	
CHGB	Renai	1.44 254	P	Pn	04 12 56.6	+0.7
CHGB	baz=248	eS	Sn	04 13 15.1	+0.1	
NCU	National Centr	1.45 291	eP	Sn	04 12 56.3	+0.4
NCU	baz=290	eS	Sn	04 13 16.2	+1.2	
NCUH	Zhongli	1.46 291	eP	Pn	04 12 56.5	+0.6
NCUH	baz=290	eS	Sn	04 13 16.4	+1.3	
OWD	Renai	1.47 250	eP	Sn	04 12 56.5	+0.3
OWD	baz=246	eS	Sn	04 13 15.1	-0.4	
NJD	Zhudong	1.48 281	eP	Pn	04 12 57.4	+1.2
NJD	baz=281	eS	Sn	04 13 17.0	+1.4	
JJSG	Ishigakijimahi	1.48 85	P	Pn	04 12 56.6	+0.3
JJSG	baz=282	S	Sn	04 12 56.8	+0.1	
HGSD	Ruisui	1.51 230	eS	Sn	04 12 56.2	-0.4
HGSD	baz=228	eS	Sn	04 13 15.2	-1.0	
LIOB	Emei	1.53 277	eP	Pn	04 12 57.8	+0.9
LIOB	baz=277	eS	Sn	04 13 17.9	+1.1	
NSST	Nanjuang	1.54 277	eP	Sn	04 12 58.0	+1.0
NSST	baz=276	eS	Sn	04 13 17.6	+0.6	
HSN1	Hsinchu	1.55 282	eP	Pn	04 12 58.2	+1.2
HSN1	baz=282	eS	Sn	04 13 18.1	+1.0	
EHY	Hungye	1.57 233	eP	Pn	04 12 57.1	-0.3
EHY	baz=232	eS	Sn	04 12 56.1	-1.5	
SBCB	Hsinchu	1.58 282	eS	Sn	04 13 18.5	+0.6
SBCB	baz=282	eS	Sn	04 13 18.1	-0.1	
WHP	Taichung City	1.60 264	eP	Pn	04 12 59.6	+1.8
WHP	baz=263	eS	Sn	04 13 19.4	+1.0	
ECBN	Changbin	1.61 225	eP	Pn	04 12 57.9	+0.1
ECBN	baz=219	eS	Sn	04 13 17.9	-0.6	
WPL	Puli Township	1.64 254	eP	Pn	04 12 59.2	+0.9
WPL	baz=251	eS	Sn	04 13 20.3	+1.1	
YULB	Yu-li	1.66 230	eP	Sn	04 12 58.2	-0.3
YULB	baz=238	eS	Sn	04 13 18.2	-1.4	
DPDB	Guoxing	1.66 255	eP	Pn	04 12 59.7	+1.1
DPDB	baz=252	eS	Sn	04 13 20.9	+1.1	
WCS	Beigang Elemen	1.67 256	eP	Pn	04 13 00.6	+2.0
WCS	baz=254	eS	Sn	04 13 21.0	+1.2	
EYUL	Yuli	1.67 229	eP	Pn	04 12 59.0	+0.3
EYUL	baz=238	eS	Sn	04 13 20.5	+0.5	
TWF1	Yuli	1.69 229	eP	Pn	04 12 58.8	-0.1
TWF1	baz=238	eS	Sn	04 12 59.8	+0.5	
SSLB	Suanglung	1.72 247	eP	Pn	04 13 21.5	+0.5
SSLB	baz=247	eS	Sn	04 13 21.5	+0.5	
NMLH	Miaoili	1.73 273	eS	Sn	04 13 21.5	+0.3
SMLT	Sun Moon Lake	1.73 251	eP	Pn	04 13 00.4	+0.9
SMLT	baz=247	eS	Sn	04 13 22.6	+1.1	
NSY	Sanyi	1.75 269	eP	Pn	04 13 00.9	+1.2
NSY	baz=268	eS	Sn	04 13 23.0	+1.2	
TYC	Yuchr	1.76 252	eP	Pn	04 13 00.9	+1.1
TYC	baz=247	eS	Sn	04 13 22.3	+0.3	
FULB	Fuli	1.79 226	eP	Pn	04 13 00.1	-0.2
FULB	baz=219	eS	Sn	04 13 22.0	-0.7	
CHKT	Chengkung	1.82 222	eP	Pn	04 12 59.9	-0.7
CHKT	baz=218	eS	Sn	04 13 21.2	-2.1	
WHYT	Xinyi Township	1.84 246	eP	Pn	04 13 02.5	+1.6

WHYT	baz=247	eS	Sn	04 13 25.9	+2.0	
JTJ	Tarama	1.84 84	P	Pn	04 13 02.0	+1.1
JTJ	baz=247	S	Sn	04 13 24.7	+0.8	
WWF	Wufeng	1.86 257	eS	Sn	04 13 25.6	+1.3
WDJ	Dajia District	1.87 267	eS	Sn	04 13 25.1	+0.6
WJS	baz=275	eP	Pn	04 13 03.7	+2.1	
WJS	baz=250	eS	Sn	04 13 27.7	+2.6	
ECS	Chiang	1.91 225	eP	Sn	04 13 01.9	+0.1
ECS	baz=235	eS	Sn	04 13 25.9	+0.3	
WNT1	Nantou City	1.91 254	eS	Sn	04 13 27.9	+2.4
WNT	Mingjian	1.92 253	eP	Pn	04 13 03.8	+2.0
WNT	baz=252	eS	Sn	04 13 28.1	+2.5	
EDH	Donghe	1.95 221	eP	Pn	04 13 10.8	-0.5
EDH	baz=217	eS	Sn	04 13 25.0	-1.3	
ALS	Alishan	1.96 242	eP	Pn	04 13 04.0	+1.3
ALS	baz=235	eS	Sn	04 13 28.3	+1.2	
WCHH	Zhehu	1.98 259	eS	Sn	04 13 28.3	+1.3
ELDTW	Lidau	1.99 231	eP	Pn	04 13 02.9	0.0
ELDTW	baz=226	eS	Sn	04 13 26.3	-1.1	
WYL	Yuanlin Townsh	1.99 256	eS	Sn	04 13 28.2	+1.0
CHNS	Tsauling	2.03 245	eP	Pn	04 13 05.0	+1.6
CHNS	baz=255	eS	Sn	04 13 30.5	+2.2	
WCK	Gukeng	2.09 249	eS	Sn	04 13 32.6	+3.0
LDUT	Ludao	2.10 212	eP	Pn	04 13 03.9	-0.3
LDUT	baz=211	eS	Sn	04 13 28.8	-1.1	
LONT	Longtan	2.11 222	eP	Pn	04 13 04.1	-0.3
LONT	baz=229	eS	Sn	04 13 29.2	-0.8	
WDLH	Doulu	2.11 249	eP	Pn	04 13 06.2	+1.9
WDLH	baz=261	eS	Sn	04 13 32.8	+2.8	
STYH	Taoyuan	2.17 234	eP	Pn	04 13 06.5	+1.4
STYH	baz=230	eS	Sn	04 13 32.5	+1.0	
WRL	Guolierin Hig	2.18 256	eS	Sn	04 13 31.6	-0.2
STYT	Taiyuan	2.19 234	eP	Pn	04 13 06.9	+1.4
STYT	baz=229	eS	Sn	04 13 33.3	+1.2	
TWGBT	Beitan	2.20 222	eP	Pn	04 13 05.2	-0.4
TWGBT	baz=228	eS	Sn	04 13 31.1	-1.0	
TWG	Piniang	2.21 222	eP	Pn	04 13 05.5	-0.2
TWG	baz=228	eS	Sn	04 13 31.4	-1.0	
TPUB	Ta-pu	2.21 239	eP	Pn	04 13 07.5	+1.8
TPUB	baz=232	eS	Sn	04 13 34.4	+1.9	
CHN2	Minshiang	2.22 246	eS	Sn	04 13 36.2	+3.4
WTK	Tuk	2.24 250	eS	Sn	04 13 34.9	+1.8
WTP	Ta-pu	2.25 238	eP	Pn	04 13 08.1	+1.8
WTP	baz=237	eS	Sn	04 13 36.5	+2.9	
WTP	Chiayi	2.28 246	eS	Sn	04 13 36.6	+2.4
JIRB	Irabujima	2.29 80	S	Sn	04 13 33.9	-0.5
CHN1	Nansi	2.35 238	eP	Pn	04 13 09.5	+1.9
CHN1	baz=237	eS	Sn	04 13 38.6	+2.8	
SGST	Jiashan	2.37 235	eP	Pn	04 13 09.6	+1.8
SGST	baz=234	eS	Sn	04 13 39.0	+2.8	
SLGT	Lugui	2.37 232	eP	Pn	04 13 10.4	+2.5
SLGT	baz=224	eS	Sn	04 13 39.0	+2.7	
WSF	Szhu	2.40 250	eS	Sn	04 13 38.4	+1.5
ECL	Taimali	2.44 221	eP	Pn	04 13 09.1	+0.3
ECL	baz=220	eS	Sn	04 13 36.2	-1.8	
SSD	Sandimen	2.54 228	eP	Pn	04 13 12.1	+1.9
SSD	baz=227	eS	Sn	04 13 42.0	+1.6	
TSMG	Majia	2.56 227	eP	Pn	04 13 12.6	+2.2
TSMG	baz=227	eS	Sn	04 13 43.0	+2.1	
LAY	lan-yu	2.63 204	eP	Pn	04 13 10.8	-0.5
LAY	baz=197	eS	Sn	04 13 40.7	-1.8	
MASBT	Mashibuluo	2.64 226	eP	Pn	04 13 12.4	+1.1
MASBT	baz=233	eS	Sn	04 13 44.6	+2.0	
SSPT	Xinbi	2.77 225	eP	Pn	04 13 14.9	+1.8
SCZT	Fanlau	2.82 223	eP	Pn	04 13 15.2	+1.4
SCZT	baz=233	eS	Sn	04 13 48.6	+1.7	
MATB	Ma-tsu	3.00 305	eP	Pn	04 13 16.2	0.0
MATB	baz=304	eS	Sn	04 13 49.5	-1.7	
PHUB	Peng-hu	3.00 252	eP	Pn	04 13 47.9	-1.6
TWKBT	Hengchun	3.04 215	eP	Pn	04 13 17.5	+0.6
TWKBT	baz=213	eS	Sn	04 13 52.6	+0.2	
VCHM	Qimei	3.23 248	eS	Sn	04 13 55.9	-1.0
PTMZ	Houxiangcun	3.29 281	eP	Pn	04 13 20.6	+0.5
PTMZ	baz=272	eS	Sn	04 13 56.1	-2.3	
XPSS	Dashiqiu	3.33 318	eP	Pn	04 13 20.6	-0.1
LYJJ	Jianjiangzhen	3.36 309	eP	Pn	04 13 21.2	+0.1
MHZO	Yeshan	3.69 297	eP	Pn	04 13 25.7	+0.2
KNM	Kinmen	3.88 270	eS	Sn	04 14 12.6	+0.1
KNM	baz=263	eS	Sn	04 14 11.0	-2.4	
KSRS	Korea Array	13.70 18	P	P	04 15 46.9	+0.4
KSRS	0.3nm,0.3s,baz=196,slow=13,SNR=5.6					
MJAR	Matsushiro Arr	17.97 44	LR	LR	04 25 06.3	
MJAR	comp=Z,1.8nm,20.0s,baz=195,slow=41					
SOMN	Songino Array	26.67 335	P	P	04 18 00.2	-0.8
SOMN	0.3nm,0.4s,baz=145,slow=8.8,SNR=2.9					
MKAR	Makanchi Array	39.10 315	P	P	04 19 48.8	-0.2
MKAR	0.7nm,0.9s,baz=105,slow=8.8,SNR=2.2					
FITZ	Fitzroy Crossi	42.40 176	P	P	04 20 15.3	-0.9
FITZ	0.6nm,0.6s,baz=354,slow=9.2,SNR=1.2					
WRA	Warrunga Arr	45.57 165	P	P	04 20 42.1	+0.5
WRA	0.8nm,0.5s,baz=347,slow=8.8,SNR=12					

ASAR	Alice Springs	49.07 166	P	P	04 21 09.6	+0.9
ASAR	0.2nm,0.3s,baz=352,slow=7.9,SNR=7.6					
FINES	FINES Array B	71.89 300	P	P	04 23 42.8	-0.8
FINES	1.7nm,0.8s,baz=57,slow=7.0,SNR=6.1					
BRTR	Keokui Array B	74.11 307	P	P	04 23 57.0	-0.3
BRTR	0.3nm,0.6s,baz=78,slow=9.1,SNR=2.5					
SOME 07 04:14:45.6,44.282N-81.35E,h20km NCC 07 04:14:45.2,2.7,44.42N-81.17E,h0km,mb2.7,mpv2.4, Error ellipse: s-maj=54.0km s-min=9.8km az=123.0 ISC 07 04:14:43.6,1.7,44.27N-0.05,81.41E,0.07,h9km=12km, n10,0,156/20,4C-2D,Northern Xinjiang						
Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time Res h m s ISC
KTMS	Ketmen	1.12 223	eP	Pg	Pg	04 15 05.8 +0.6
KTMS	6.6nm,0.1s					
DJR	69nm,0.3s	1.17 274	eP	eS	Sg	04 15 20.9 +1.1
DJR	3.0nm,0.1s					
DJR	19nm,0.2s					04 15 23.4 +1.0
PDGK	Podgornoye	1.68 237	∥P	Pn	Pn	04 15 14.3 +1.0
PDGK	1.5nm,0.6s					

7d 5h

2015 NOV

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

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IDC 07 04:58:07.0.5.4.41:57N:144:13E, h0km, mb3.8/3, mb1.3/7.4, mb1mx3.4/4.1, mbtmp3.8/4, ML3.9/1, Error ellipse: s-maj=107.5km s-min=73.1km az=105.0

JMA 07 04:58:23.0.1.1.42:35N:143:11E, h49km, 1km, M3.4 JMA Felt J1.

ISC 07 04:58:22.2.1.2.42:24N:108:143:19E:0.06, h58km, 8km, n23, e177/22, mb3.8/3, 4C-3D, Hokkaido region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, and other technical details for various radio stations.

IDC 07 05:00:15.6.2.1.63:16N:151:26W, h107km, 20km, mb3.5/7, s-maj=29.4km s-min=17.0km az=114.0

NEIC 07 05:00:17.1.1.0.63:07N:0:04:150:89W:0.09, h130km, 2km, Error ellipse: s-maj=5.8km s-min=4.9km az=64.0

AEIC 07 05:00:18.0.1.0.63:06N:0:03:150:84W:0.06, h120km, 4km, ML3.3, ML3.5/166(NEIC), Error ellipse: s-maj=5.3km s-min=3.2km az=214.0

ISC 07 05:00:17.3.0.8.63:05N:0:02:150:88W:0.03, h100km, 5km, n286, e064/27, mb3.7/7, Central Alaska

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, and other technical details for various radio stations.

RC01 Rabbit Creek A 2.04 164 P Pn 05 00 51.2 -0.5

RC01 Rabbit Creek A 2.04 164 IAML 05 01 18.8

SCM Sheep Creek Mo 2.06 125 P Pn 05 00 51.5 -0.4

SCM Sheep Creek Mo 2.06 125 IAML 05 01 19.6

CCB Clear Creek Bu 2.10 39 P Pn 05 00 52.4 0.0

I21K Tanana 2.19 348 P Pn 05 00 53.5 +0.1

I21K Tanana 2.19 348 Pn 05 00 53.5 +0.1

I23K Minto, Yukon-K 2.21 17 P Pn 05 00 53.8 +0.2

I23K Minto, Yukon-K 2.21 17 S Sn 05 01 20.6 -1.0

I23K Minto, Yukon-K 2.21 17 Pn 05 00 53.8 +0.2

LPZAZ	La Paz	24.84 172	P	P	07 03 52.3 +0.2
LPZAZ	comp-Z,360nm,1.2s				
LPZAZ	La Paz	24.84 172	eP	P	07 03 51.9 -0.3
LPZAZ	La Paz	24.84 172	P	P	07 03 52.3 +0.2
5P5A	Hazlehurst	25.48 336	P	P	07 03 58.1 +1.5
TIGA	Tifton	25.49 335	P	P	07 03 59.2 +2.0
TIGA	Tifton	25.49 335	P	P	07 03 58.9 +1.7
TIGA	comp-Z,278nm,1.4s				
TMAB	Tom-Au,PA,Br	25.63 114	eP	P	07 03 59.2 +0.5
CSU	Charleston Sou	25.65 343	P	P	07 04 06.6 +1.9
451A	Vernon	25.76 331	P	P	07 04 09.9 +1.2
NHSC	New Hope	25.80 343	P	P	07 04 01.9 +2.0
NHSC	comp-Z,160,SNR=33				
PRPB	New Hope	25.80 343	P	P	07 04 00.7 +0.8
352A	Parauapebas	26.00 123	eP	P	07 04 02.1 +0.1
Y60A	Blakely	26.10 333	P	P	07 04 04.2 +1.4
Y59A	Loris	26.15 347	P	P	07 04 03.6 +0.5
154A	Montrose	26.33 337	P	P	07 04 05.1 +0.8
SIV	San Ignacio	26.40 157	P	P	07 04 05.8 +0.2
Y58A	Scranton	26.40 344	P	P	07 04 06.0 +0.5
Y57A	Sumter	26.71 343	P	P	07 04 08.7 +0.5
Y57A	comp-Z,119nm,1.3s				
PTLB	Pontes e Lacer	26.72 153	eP	P	07 04 08.7 +0.2
PTLB	Pontes e Lacer	26.72 153	P	P	07 04 08.4 -0.1
BRAL	Brewton	26.86 329	P	P	07 04 11.6 +2.0
X58A	Rowland	26.94 345	P	P	07 04 10.8 +0.5
X58A	comp-Z,168nm,1.5s				
152A	Waverly Hall	27.03 335	P	P	07 04 12.1 +0.9
152A	comp-Z,167nm,1.2s				
250A	Grady	27.14 331	P	P	07 04 12.6 +0.5
GOGA	Godfrey	27.18 338	P	P	07 04 13.4 +1.0
GOGA	comp-Z,87nm,1.1s				
GOGA	Godfrey	27.18 338	P	P	07 04 13.9 +1.5
GOGA	comp-Z,2um,22.0s				
GOGA	Godfrey	27.18 338	P	P	07 04 13.4 +1.0
GOGA	comp-Z,87nm,1.1s				
JSC	Jenkinsville	27.21 342	P	P	07 04 13.3 +0.5
JSC	comp-Z,229nm,1.6s				
JSC	Jenkinsville	27.21 342	P	P	07 04 13.3 +0.5
JSC	comp-Z,228nm,1.6s				
CNCC	Cliffs of the	27.27 348	P	P	07 04 14.7 +1.5
CNCC	Cliffs of the	27.27 348	P	P	07 04 13.7 +0.5
CNCC	comp-Z,116nm,0.9s				
BIRD	Birdtown, Kers	27.32 344	P	P	07 04 13.7 0.0
HODGE	Hodges	27.49 340	P	P	07 04 16.2 +1.0
HODGE	comp-Z,129nm,1.1s				
W57A	Gilead	27.67 345	P	P	07 04 17.1 +0.3
Z51A	Franklin	27.78 335	P	P	07 04 18.4 +0.5
Z51A	comp-Z,140nm,1.1s				
PAULI	Pauline	27.88 341	P	P	07 04 19.2 +0.4
TLIG	Tiapa	27.91 292	P	P	07 04 19.0 -0.1
PSGCX	Pisagua	27.95 177	P	P	07 04 17.8 -1.8
PSGCX	comp-Z,28um,19.0s				
KMSC	Kings Mountain	28.03 343	P	P	07 04 21.1 +1.0
KMSC	comp-Z,159,SNR=10				
V58A	Windy Hill, Pi	28.07 347	P	P	07 04 20.2 -0.2
PB11	IPOC Station P	28.14 176	P	P	07 04 19.3 -2.0
346A	Big Creek Wild	28.31 326	eP	P	07 04 22.4 -0.2
346A	comp-Z,85nm,0.8s				
SNDB	Serra Nova Dou	28.53 135	eP	P	07 04 25.4 +0.7
PB08	IPOC Station P	28.55 176	P	P	07 04 23.3 -0.9
TA02	Huahuique	28.62 177	P	P	07 04 25.0 -0.4
V55A	Taylorville	28.65 343	P	P	07 04 26.3 +0.3
X51A	Calhoun	28.73 336	P	P	07 04 27.7 +1.3
Y49A	Blount Mountai	28.78 333	P	P	07 04 27.0 +0.2
SALV	Santo Antonio	28.81 147	eP	P	07 04 27.0 -0.2
W52A	Murphy	28.85 338	P	P	07 04 28.2 +0.8
W52A	comp-Z,66nm,0.9s				
T59A	Double "B" Far	28.89 350	P	P	07 04 27.7 +0.1
T59A	comp-Z,60nm,0.8s				
U56A	King	28.90 345	P	P	07 04 28.3 +0.5
TA01	Diego Aracena	28.91 178	P	P	07 04 26.7 -1.3
UNM	Universidad Na	28.97 295	IAMS_20	IAMS_20	07 17 51.6
V53A	Saluda	28.98 341	P	P	07 04 28.8 +0.2
V53A	comp-Z,119nm,1.7s				
Z47A	Carrollton	29.00 330	P	P	07 04 29.5 +0.7
Z47A	comp-Z,130nm,0.8s				
FPAL	Fort Paine	29.02 335	P	P	07 04 29.4 +0.4
FPAL	comp-Z,86nm,1.2s				
344A	Westbrook Farms	29.07 324	P	P	07 04 30.8 +1.4
T57A	Hurt	29.25 347	P	P	07 04 31.2 +0.3
T57A	comp-Z,80nm,1.0s				
TKL	Tuckaleechee C	29.20 339	P	P	07 04 32.6 +1.2
TKL	comp-Z,22nm,1.0s,ba				
TKL	Tuckaleechee C	29.30 339	P	P	07 04 32.6 +1.2
TKL	comp-Z,2um,18.1s,ba				
TKL	Tuckaleechee C	29.30 339	P	P	07 04 32.6 +1.2
TKL	comp-Z,84nm,1.6s				
TKL	Tuckaleechee C	29.34 125	eP	P	07 04 32.1 +0.2
SMTB	Santa Maria do	29.39 338	P	P	07 04 32.6 +0.5
CPCT	Cooper Cave	29.40 340	P	P	07 04 32.8 +0.5
V52A	Serviereville	29.40 340	P	P	07 04 32.3 -0.3
PB01	IPOC Station P	29.42 176	P	P	07 04 34.0 +1.1
US4A	Nelsons Funy	29.46 343	IAMB	IAMB	07 04 38.4
US4A	comp-Z,106nm,1.2s				
W50A	Signal Mountai	29.47 336	P	P	07 04 33.6 +0.7
W50A	comp-Z,71nm,0.9s				
VBMS	Vicksburg	29.52 326	P	P	07 04 35.0 +1.6
VBMS	comp-Z,112nm,0.9s				
VBMS	Vicksburg	29.52 326	P	P	07 04 34.6 +1.2
VBMS	comp-Z,74nm,0.8s				
X48A	Hartselle	29.56 333	P	P	07 04 34.6 +0.9
X48A	comp-Z,74nm,0.8s				
V51A	Loudon	29.64 338	P	P	07 04 35.8 +1.4
V51A	comp-Z,74nm,0.8s				
BLA	Blacksburg	29.73 345	P	P	07 04 35.4 +0.2
BLA	comp-Z,68nm,1.0s				
BLA	Blacksburg	29.73 345	P	P	07 04 35.4 +0.2
BLA	comp-Z,1um,20.0s				
BLA	Blacksburg	29.73 345	P	P	07 04 35.4 +0.2
BLA	comp-Z,68nm,1.0s				
R58B	Mineral	29.91 350	P	P	07 04 36.6 -0.2
S57A	Dark Hollow, R	29.92 348	P	P	07 04 37.1 +0.3
S57A	comp-Z,63nm,1.1s				
342A	Flagon Creek P	29.96 322	P	P	07 04 37.9 +0.7
TZTN	Tazewell	30.02 340	P	P	07 04 39.9 +2.1
TZTN	comp-Z,156,SNR=16				
TZTN	Tazewell	30.02 340	P	P	07 04 36.7 -1.1
TZTN	comp-Z,79nm,1.1s				
441A	DeRidder	30.06 320	P	P	07 04 38.9 +0.7
441A	comp-Z,3um,19.0s				

CBN	comp-Z,81nm,0.8s				
CBN	Corbin Frederi	30.06 351	P	P	07 04 39.7 +1.6
CBN	comp-Z,100nm,1.1s				
CBN	Corbin Frederi	30.06 351	P	IAMB	07 04 38.6 +0.5
PB07	IPOC Station P	30.08 177	P	P	07 04 37.9 -0.7
Y45A	Yeager Farm, C	30.27 329	P	P	07 04 40.5 +0.5
143A	Socs Landing,	30.38 325	IAMB	IAMB	07 04 40.5 -0.4
143A	comp-Z,66nm,0.8s				
O61A	Milford	30.45 354	P	P	07 04 43.3 +1.8
PLAL	Pickwick Lake	30.47 332	P	P	07 04 44.2 +0.3
PLAL	comp-Z,114nm,0.9s				
PLAL	comp-Z,3um,20.0s				
Y48A	Smith Brothers	30.55 335	P	IAMB	07 04 43.2 +0.7
Y48A	comp-Z,124nm,1.1s				
PP1B	Ponte de Pedra	30.65 148	eP	P	07 04 44.0 +0.5
CLTN	Cedars of Leba	30.65 336	P	P	07 04 43.8 +0.5
CLTN	comp-Z,84nm,1.2s				
PB04	IPOC Station P	30.67 178	P	P	07 04 42.9 -0.9
PEXB	Peixe	30.77 131	eP	P	07 04 44.8 +0.1
U49A	Red Boiling Sp	30.80 337	P	P	07 04 45.1 +0.5
T50A	Nancy	30.90 339	IAMB	IAMB	07 04 46.5 +0.9
T50A	comp-Z,99nm,1.2s				
ARAG	Araguaiana, MT	30.91 141	eP	P	07 04 45.9 +0.1
ARAG	comp-Z,17nm,0.6s,ba				
LVC	Limon Verde	31.02 176	P	P	07 04 47.3 +0.2
LVC	comp-Z,48nm,0.8s				
LVC	Limon Verde	31.02 176	eP	P	07 04 46.9 -0.2
LVC	comp-Z,117nm,1.2s				
SS1A	Beattyville	31.03 341	P	P	07 04 47.2 +0.5
PB06	IPOC Station P	31.07 177	P	P	07 04 46.1 -1.2
W45A	Hickory Valley	31.13 331	P	P	07 04 48.1 +0.5
SDGM	Soldier's Deli	31.16 352	P	P	07 04 48.8 +1.0
R53A	Hurricane	31.18 344	P	P	07 04 49.0 +1.0
O56A	Snyder Ridge,	31.20 348	IAMB	IAMB	07 04 47.7 -0.5
O56A	comp-Z,53nm,0.9s				
HKT	Hockley	31.28 316	iP	P	07 04 50.0 +1.1
HKT	comp-Z,117nm,1.3s				
HKT	Hockley	31.28 316	P	IAMB	07 04 48.8 -0.1
HKT	comp-Z,115nm,1.2s				
WWT	Waverly	31.31 334	P	P	07 04 49.6 +0.4
WWT	comp-Z,103nm,1.0s				
WWT	Waverly	31.31 334	P	P	07 04 49.6 +0.4
WWT	comp-Z,3um,20.0s				
WWT	Waverly	31.31 334	P	P	07 04 49.6 +0.4
WWT	comp-Z,103nm,1.0s				
WWT	Waverly	31.31 334	IAMS_20	IAMS_20	07 19 13.0
P60A	Greenville	31.41 354	P	P	07 04 51.2 +1.2
P60A	comp-Z,3um,20.0s				
P57A	Homestead Farm	31.41 350	P	P	07 04 50.0 0.0
P57A	comp-Z,86nm,1.2s				
AF01	San Pedro de A	31.42 174	P	P	07 04 49.7 -0.9
CCAR	Cane Creek	31.49 326	P	P	07 04 51.8 +1.0
Z41A	Richland Creek	31.59 324	P	P	07 04 52.7 +1.1
NATX	Nacogdoches	31.67 320	P	P	07 04 53.6 +1.2
NATX	comp-Z,132,SNR=20				
NATX	Nacogdoches	31.67 320	P	P	07 04 52.4 0.0
MVL	Millersville	31.68 353	P	P	07 04 53.5 +1.2
MVL	comp-Z,62nm,1.0s				
T47A	Sharon Grove	31.74 336	P	P	07 04 53.5 +0.6
T47A	comp-Z,85nm,0.9s				
HALT	Halls	31.82 332	P	P	07 04 53.9 +0.3
R50A	Paris	31.86 341	P	IAMB	07 04 55.3 +1.4
R50A	comp-Z,103nm,1.1s				
Q52A	Bidwell	31.86 344	P	P	07 04 55.4 +1.4
Q52A	comp-Z,110nm,1.1s				
MCWV	Mont Chateau	31.93 348	P	P	07 04 56.7 +2.

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NBIT	Iapah - BA	39.33 126	eP	P	07 05 58.9 +0.5
NBAN	Anadia - AL	39.37 117	eP	P	07 05 59.1 +0.3
VAO	Valinhos	39.41 143	eP	P	07 06 00.1 +1.1
CBKS	Cedar Bluff	39.48 324	eP	P	07 05 59.4 0.0
CMC01	Camazou BA	39.51 127	eP	P	07 06 00.1 +0.3
SPB	Sao Paulo	39.58 144	eP	P	07 06 00.6 +0.2
SPB	Sao Paulo	39.58 144	eP	P	07 06 00.4 +0.1
SPB	comp=Z,149nm,1.8s		Iamb	Iamb	07 06 04.1
SPB	comp=Z,199m,20.0s		IAMS_20	IAMS_20	07 06 55.2
SLBS	Sierra La Lagu	39.83 297	P	P	07 06 03.4 +0.8
NBRF	Rio Formoso -	39.97 114	eP	P	07 06 04.2 +0.4
GUAO1	Guaratininga, BA	40.53 160	eP	P	07 06 04.5 +0.7
G40A	Rib Lake	40.07 339	P	P	07 06 07.1 +0.7
G40A	comp=Z,95nm,1.1s		Iamb	Iamb	07 06 06.5
TJ01	Guarua-PR	40.08 148	eP	P	07 06 05.0 +0.4
PE701	Ianhame-SP	40.21 145	eP	P	07 06 05.8 +1.2
SJMB	Sao Joao De Ma	40.24 132	eP	P	07 06 07.3 +1.3
BGNE	Belgrade	40.43 329	P	P	07 06 07.1 -0.2
PARB	Paraibuna	40.47 142	eP	P	07 06 07.8 0.0
NAN01	Guarapari, ES	40.50 130	eP	P	07 06 09.2 +1.1
IT0B	Itaquí	40.53 160	eP	P	07 06 07.1 -1.0
IT0B	Itaquí	40.53 160	P	P	07 06 06.6 -1.6
IT0B	comp=Z,177nm,1.1s		Iamb	Iamb	07 06 10.7
BSFB	Barra de Sao F	40.57 132	eP	P	07 06 09.3 +0.6
SPMM	Marine on St.	40.99 337	P	P	07 06 12.1 +0.2
VAS01	Vassouras-RJ	41.08 139	eP	P	07 06 12.9 0.0
MAN01	Angra dos Reis	41.16 140	eP	P	07 06 13.6 +0.1
RIB01	Linhares ES	41.21 132	eP	P	07 06 14.1 +0.1
121A	Cookes Peak, D	41.29 311	P	P	07 06 16.0 +1.3
T25A	Trinidad	41.30 319	P	P	07 06 16.5 +1.7
T25A	Trinidad	41.30 319	IAMS_20	IAMS_20	07 25 54.4
KSCO	Kaye Shedlock'	41.31 322	P	P	07 06 15.2 +0.4
ECS01	EROS Data Cent	41.42 332	P	P	07 06 14.1 -1.3
ECS01	EROS Data Cent	41.42 332	IAMS_20	IAMS_20	07 26 25.4
ANMO	Albuquerque	41.50 315	iP	P	07 06 17.3 +0.9
ANMO	comp=Z,63nm,2.5s		pmx	pmx	
ANMO	Albuquerque	41.50 315	P	P	07 06 17.2 +0.7
DUB01	Friburgo-RJ	41.65 137	eP	P	07 06 17.7 +0.1
ALF01	Guarapari-ES	41.80 134	eP	P	07 06 19.3 +0.5
CA01	Campes-RJ	41.96 136	eP	P	07 06 20.2 +0.2
OGNE	Ogallala	42.21 325	P	P	07 06 22.3 +0.2
DRLN	Deer Lake	42.27 14	P	P	07 06 23.1 +0.9
CPSS	Cacapava Do Su	42.36 157	eP	P	07 06 22.2 -1.0
SDCO	Great Sand Sea	42.36 319	P	P	07 06 25.9 +1.5
TER01	Tubarao-SC	42.64 150	eP	P	07 06 25.5 -0.1
EYMN	Ely	42.84 340	P	P	07 06 25.9 0.0
Q24A	Divide	42.84 320	P	P	07 06 28.1 +0.7
SUSD	Miller	43.06 331	P	P	07 06 28.3 -0.4
S22A	4UR Ranch Ore	43.24 318	P	P	07 06 32.1 +1.4
TUC	Tucson	43.48 309	P	P	07 06 32.9 +0.4
PLTB	Pedras Altas	43.51 158	eP	P	07 06 31.7 -0.8
PLTB	Pedras Altas	43.51 158	P	P	07 06 31.2 -1.3
PLTB	comp=Z,75nm,1.0s		Iamb	Iamb	07 06 35.1
ISCO	Idaho Springs	43.62 321	P	P	07 06 34.9 +1.1
W180	Petrified Fore	43.92 313	P	P	07 06 37.2 +1.1
MVCO	Mesa Verde	44.08 316	P	P	07 06 38.4 +1.0
N23A	Red Ferner La	44.48 322	P	P	07 06 41.5 +0.9
AGMN	Agassiz Nation	44.72 337	P	P	07 06 42.3 +0.2
AGMN	Agassiz Nation	44.72 337	IAMS_20	IAMS_20	07 27 35.7
214A	Organ Pipe Nat	44.92 307	P	P	07 06 44.6 +0.6
WUAZ	Wupatki	45.30 313	P	P	07 06 48.1 +1.1
RSSD	Black Hills	45.42 327	P	P	07 06 48.9 +0.9
RSSD	Black Hills	45.42 327	pmx	pmx	
RSSD	Black Hills	45.42 327	P	P	07 06 48.1 +0.1
RSSD	Black Hills	45.42 327	P	P	07 06 48.9 +0.9
RSSD	Black Hills	45.42 327	Iamb	Iamb	07 06 49.7
O20A	White River Ci	45.47 320	P	P	07 06 49.9 +1.4
Y14A	Wickenburg	45.84 310	P	P	07 06 51.8 +0.5
K22A	Casper	45.89 324	P	P	07 06 52.2 +0.6
MDND	Madlock	45.91 334	P	P	07 06 52.4 +0.8
ULM	Lac du Bonnet	46.32 338	P	P	07 06 54.5 -0.3
ULM	comp=Z,98nm,0.8s,baz=145,slow=8.3,SNR=81		LR	LR	07 28 25.0
ULM	Lac du Bonnet	46.32 338	P	P	07 06 54.4 -0.3
ULM	comp=Z,102nm,0.7s		pmx	pmx	
ULM	Lac du Bonnet	46.32 338	P	P	07 06 54.4 -0.3
SCHO	Schefferville	46.35 4	P	P	07 06 55.6 +0.8
SCHO	Schefferville	46.35 4	LR	LR	07 25 45.6
SCHO	Schefferville	46.35 4	Iamb	Iamb	07 06 55.6 +0.8
SCHO	Schefferville	46.35 4	P	P	07 06 57.0
P18A	Preston North	46.50 318	P	P	07 06 57.1 +0.4
P18A	comp=Z,108nm,1.5s		Iamb	Iamb	07 06 59.4
RDMU	Red Mountain	46.56 320	P	P	07 06 57.5 +0.4
RDMU	comp=Z,62nm,1.2s		Iamb	Iamb	07 06 59.2
P17A	Butcher Ranch,	46.75 318	P	P	07 06 59.4 +0.9
P17A	comp=Z,61nm,1.0s		Iamb	Iamb	07 07 01.0
Q16A	Castle Valley	46.76 317	P	P	07 06 59.1 +0.6
Q16A	comp=Z,77nm,1.7s		Iamb	Iamb	07 07 00.9
PKCU	Pink Cliffs	46.84 314	P	P	07 07 00.2 +0.8
PKCU	comp=Z,69nm,1.4s		Iamb	Iamb	07 07 03.7
PDMC1	Parker Dam,Lak	46.85 310	P	P	07 06 59.9 +0.8
PDMC1	baz=113,SNR=5.4		pmx	pmx	07 07 00.4 +0.7
GLA	Glamis	46.91 308	P	P	07 07 00.3 +0.6
GLA	comp=Z,98nm,1.6s		Iamb	Iamb	07 07 01.7
GLA	Glamis	46.91 308	P	P	07 07 00.4 +0.7
GLA	Glamis	46.91 308	P	P	07 07 01.2 +0.9
GLA	Glamis	46.91 308	Iamb	Iamb	07 07 06.5
TMUT	Trail Mountain	46.97 317	P	P	07 07 01.4 +1.0
TMUT	comp=Z,110nm,1.9s		Iamb	Iamb	07 07 03.3 +0.8
W13A	Hualapai Mount	46.98 311	P	P	07 07 03.3 +0.8
MSU	Marysville	47.25 316	P	P	07 07 03.7 +1.1
MSU	Marysville	47.25 316	P	P	07 07 03.8 +0.9
MVU	Little Creek M	47.32 313	P	P	07 07 05.5
LCMT	Three Creeks R	47.48 316	P	P	07 07 05.2 +0.9
TCRU	Three Creeks R	47.48 316	Iamb	Iamb	07 07 07.0
IRM	Iron Mountain	47.56 309	P	P	07 07 05.5 +0.7
MPU	Maple Canyon	47.62 318	P	P	07 07 06.0 +0.7
MPU	comp=Z,112nm,1.4s		Iamb	Iamb	07 07 07.6

BC3	Big Chuckawall	47.62 308	P	P	07 07 05.7 +0.4
SWSC	Sam W. Stewart	47.63 307	P	P	07 07 05.8 +0.6
BW06	Boulder Array	47.76 322	P	P	07 07 07.0 +0.6
BW06	Boulder Array	47.76 322	P	P	07 07 06.5 0.0
PD31	Pinedale Array	47.76 322	Iamb	Iamb	07 07 08.4
PDAR	Pinedale Array	47.76 322	P	P	07 07 07.0 +0.6
PDAR	Pinedale Array	47.76 322	P	P	07 07 06.6 +0.2
IKP	In-Ko-Pah, Jac	47.78 307	P	P	07 07 07.0 +0.5
NLU	North Lily Min	47.83 318	P	P	07 07 07.9 +0.6
NLU	comp=Z,34nm,1.0s		Iamb	Iamb	07 07 09.8
TCUT	Toone Canyon	48.03 319	P	P	07 07 09.2 +0.7
MONP2	Monument Peak	48.11 307	P	P	07 07 09.5 +0.3
BELC	Belle Mtn. Jos	48.17 308	P	P	07 07 10.8 +1.2
GMRC	Granite Mounta	48.20 310	P	P	07 07 10.5 +0.8
LAO	LASA Array	48.27 328	P	P	07 07 11.0 +0.9
LAO	LASA Array	48.27 328	P	P	07 07 10.4 +0.3
LAO	LASA Array	48.27 328	Iamb	Iamb	07 07 11.6
TPFO	Pinon Flats	48.38 308	P	P	07 07 11.8 +0.6
HWUT	Howarth Ranch	48.39 320	P	P	07 07 11.1 0.0
PFO	Pinyon Flats O	48.39 308	P	P	07 07 12.4 +1.2
PSUT	Pine Springs	48.43 315	P	P	07 07 12.1 +0.5
DGMT	Dagmar	48.47 331	P	P	07 07 12.7 +1.2
DGMT	Dagmar	48.47 331	P	P	07 07 12.1 +0.6
DUG	Dugway, Tooele	48.49 317	P	P	07 07 12.8 +0.8
DUG	comp=Z,115nm,1.6s		pmx	pmx	
DUG	Dugway, Tooele	48.49 317	P	P	07 07 13.3 +1.3
DUG	Dugway, Tooele	48.49 317	P	P	07 07 12.8 +0.8
DUG	Dugway, Tooele	48.49 317	Iamb	Iamb	07 07 14.7
SHPR	Sheep Ranch	48.49 312	P	P	07 07 12.4 +0.4
TUQ	Turquoise Moun	48.64 310	P	P	07 07 14.1 +0.9
109C	Camp Elliot, M	48.65 307	P	P	07 07 14.1 +1.0
AHID	Auburn Hatcher	48.71 321	P	P	07 07 13.9 +0.2
AHID	comp=Z,112,SNR=8		Iamb	Iamb	07 07 15.7
HEC	Hector,Ludlow	48.73 309	P	P	07 07 14.9 +1.1
SPUT	South Promonto	48.80 319	P	P	07 07 14.6 +0.2
SPUT	comp=Z,125nm,1.7s		Iamb	Iamb	07 07 16.5
LOHW	Long Hollow	48.87 322	P	P	07 07 15.7 +0.8
RLMT	Red Lodge	48.96 325	P	P	07 07 16.3 +0.8
MURC	Murrieta	48.98 308	P	P	07 07 16.7 +1.2
SPR3	Spring Creek 3	48.97 315	P	P	07 07 16.1 +0.3
SPR3	comp=Z,78nm,1.5s		Iamb	Iamb	07 07 18.2
BGU	Big Grassy Moun	48.99 318	P	P	07 07 16.0 +0.2
BGU	comp=Z,38nm,0.7s		Iamb	Iamb	07 07 18.0
PLCA	Paso Flores	48.99 179	eP	P	07 07 14.4 -1.2
TPAW	Teton Pass	49.01 322	P	P	07 07 16.5 +0.4
MOOW	Moose Ponds	49.03 323	P	P	07 07 16.6 +0.5
MOOW	comp=Z,58nm,1.0s		Iamb	Iamb	07 07 18.4
SHOC	Shoshone, Teco	49.08 311	P	P	07 07 17.9 +1.4
FWXY	Fox Creek	49.14 322	P	P	07 07 17.3 +0.3
FWXY	comp=Z,43nm,0.9s		Iamb	Iamb	07 07 19.2
LL04	Puerto Arto	49.17 181	P	P	07 07 15.7 -1.2
FLWY	Flagg Ranch	49.19 323	P	P	07 07 17.7 +0.4
FLWY	comp=Z,37nm,0.9s		Iamb	Iamb	07 07 26.1
RRX	Edison Barstow	49.25 309	P	P	07 07 19.6 +1.9
HVU	Hansel Valley	49.25 319	P	P	07 07 17.6 -0.2
HVU	comp=Z,21nm,0.8s		pmx	pmx	
HVU	Hansel Valley	49.25 319	P	P	07 07 17.6 -0.2
GSC	Goldstone, Bar	49.26 310	P	P	07 07 18.9 +1.1
LKWY	Lake	49.29 324	P	P	07 07 18.9 +0.7
LKWY	comp=Z,45nm,1.2s		pmx	pmx	
LKWY	Lake	49.29 324	P	P	07 07 18.9 +0.7
H17A	Grant Village	49.30 323	P	P	07 07 19.2 +1.0
LL03	Petrol	49.40 181	P	P	07 07 18.1 -0.5
R11A	Troy Canyon, C	49.57 314	P	P	07 07 21.3 +1.0
YHH	Holmes Hill	49.68 324	P	P	07 07 21.6 +0.

SRHM	Skhour des Reh	63.17	58	P	P	07 08 59.0	+1.7
PTEO	Sao Teotónio	63.27	52	eP		07 09 00.0	+2.2
MORF	Marlete	63.28	53	eP	Iamb	07 08 59.6	+1.6
MORF	Marlete	63.28	53	eP	P	07 08 59.5	+1.6
MORF	Marlete	63.28	53	eP	P	07 08 59.7	+1.8
PNCL	Nicolau Gran	63.52	52	eP		07 09 00.7	+1.3
PSBE	So Bento	63.58	50	eP		07 09 00.5	+0.7
MESJ	Messejana	63.71	52	eP	Iamb	07 09 02.3	+1.6
MESJ	Messejana	63.71	52	eP	P	07 09 02.3	+1.6
MESJ	Messejana	63.71	52	eP	P	07 09 02.1	+1.4
PCVE	Castro Verde	63.82	52	eP		07 09 02.9	+1.5
PBDV	Barranco-do-Ve	63.84	53	eP	P	07 09 02.2	+0.6
PCAS	Casmilo, Conde	63.91	50	eP		07 09 03.8	+1.8
PMTG	Montargil	63.93	51	eP		07 09 03.1	+1.0
ICESG	Greenland Ices	63.96	12	iP	AMP	07 09 01.3	-0.9
EVOS	Evora	63.99	51	eP	P	07 09 03.7	+1.1
PBEJ	Beja	64.02	52	eP		07 09 03.9	+1.2
PVAQ	Vaqueiros	64.03	53	eP	P	07 09 05.0	+2.2
ZHG	ZHG	64.34	57	P	P	07 07 07.0	+2.0
PESTR	Estremoz	64.38	51	eP		07 09 06.4	+1.3
PESTR	Estremoz	64.38	51	P	P	07 09 05.4	+0.3
PESTR	Estremoz	64.38	51	P	P	07 09 06.6	+1.5
PGAV	Gaviã, Arco	64.46	48	eP	P	07 09 05.9	+0.2
PVIS	Visu	64.49	49	eP	P	07 09 06.4	+0.6
PCAB	Cabril	64.59	48	eP	P	07 09 07.5	+1.0
PMRV	Mary's 20	64.63	50	eP		07 09 06.8	+0.1
PCBR	Castelo Branco	64.64	50	eP	P	07 09 07.9	+1.1
PBAR	Barrancos	64.69	52	eP	P	07 09 08.1	+1.0
MTE	Manteigas	64.69	49	eP	P	07 09 07.5	+0.3
MTE	Manteigas	64.69	49	P	IAMS_20	07 09 07.5	+0.3
MTE	Manteigas	64.69	49	P	IAMS_20	07 30 17.9	
POLO	Lamas de Olo	64.69	48	eP	P	07 09 08.0	+0.8
PVRL	Vila Real	64.73	48	eP	P	07 09 08.7	+1.3
ZGR	Zagora	64.86	61	P	P	07 09 10.0	+1.4
ZRRR	Tazarine	64.97	60	P	P	07 09 11.0	+1.8
SFS	San Fernando	65.08	54	IAMS_20	IAMS_20	07 30 15.6	
MVO	Mconcorvo	65.22	49	eP	P	07 09 11.7	+1.1
RUBB	Prince Rupert	65.24	326	P	Iamb	07 09 10.8	+0.4
RUBB	Prince Rupert	65.24	326	P	Iamb	07 09 13.1	
PBRG	Bragança	65.55	48	eP	P	07 09 13.2	+0.5
CZD	Col de Zad	65.62	58	P	P	07 09 16.0	+2.3
TIC	Toumudi	65.77	87	ePKIKP	P	07 09 16.7	+2.1
LIC	Lamto	65.81	87	ePKIKP	P	07 09 17.1	+2.3
DBIC	Dimbokro	65.93	86	P	P	07 09 15.3	-0.3
DBIC	Dimbokro	65.93	86	P	P	07 09 15.5	-0.1
DBIC	Dimbokro	65.93	86	P	P	07 09 15.5	-0.1
DBIC	Dimbokro	65.93	86	P	Iamb	07 09 19.2	
MDT	Midelt	65.97	58	P	P	07 09 17.2	+1.6
WRGLY	Wrigley	66.02	337	P	P	07 09 16.7	+1.4
KIC	Kosan Boka	66.08	87	ePKIKP	P	07 09 16.8	+0.2
KOWA	Kowa	66.12	78	P	P	07 09 17.2	+0.4
KOWA	Kowa	66.12	78	P	P	07 09 17.9	+1.1
PTCN	Pitcairn Islan	66.15	238	IAMS_20	IAMS_20	07 29 08.7	
DLBC	Dease Lake	66.68	331	P	Iamb	07 09 20.9	+1.2
DLBC	Dease Lake	66.68	331	P	Iamb	07 09 22.3	
WTLY	Watson Lake, Y	66.79	333	P	P	07 09 22.0	+1.7
PAB	San Pablo	66.97	51	P	pmax	07 09 22.3	+0.3
PAB	San Pablo	66.97	51	P	Iamb	07 09 22.3	+0.3
PAB	San Pablo	66.97	51	IAMS_20	IAMS_20	07 30 37.4	
PAB	San Pablo	66.97	51	P	P	07 09 22.6	+0.6
SUMG	Summit	67.04	10	P	pmax	07 09 22.7	+0.6
SUMG	Summit	67.04	10	iP	AMP	07 09 22.5	+0.4
SUMG	Summit	67.04	10	P	Iamb	07 09 23.8	
SUMG	Summit	67.04	10	P	P	07 09 22.7	+0.6
TGNT	Hyland Airport	67.17	334	P	P	07 09 24.3	+1.6
ESDC	Sonsecia Array	67.28	51	P	P	07 09 24.4	+0.6
ESDC	Sonsecia Array	67.28	51	P	P	07 09 24.4	+0.5
ESBB	Resolute Bay	67.50	353	P	pmax	07 09 24.4	-0.1
RES	Resolute Bay	67.50	353	P	P	07 09 24.4	-0.1
RES	Resolute Bay	67.50	353	P	P	07 09 29.0	+1.5
JBK	JBK	68.02	1	iP	AMP	07 09 27.8	+0.1
TULEG	Thule	68.02	1	P	Iamb	07 09 29.0	
TULEG	Thule	68.02	1	P	Iamb	07 09 29.1	
TULEG	Thule	68.02	1	P	IAMS_20	07 09 28.5	+0.7
TULEG	Thule	68.02	1	P	IAMS_20	07 36 50.2	
P33M	Teslin, Yukon	68.68	332	P	P	07 09 33.6	+1.3
FIGM	Figur	68.73	59	P	P	07 09 35.0	+1.7
IMPY	Sheldon Lake,	68.91	335	P	P	07 09 34.8	+1.1
SKAG	Skagway	69.61	331	P	P	07 09 39.1	+1.2
FARO	Faro, Yukon	69.65	334	P	P	07 09 39.4	+1.2
NEEM	North Greenlan	69.75	5	iP	Iamb	07 09 39.2	+0.4
NEEM	North Greenlan	69.75	5	iP	Iamb	07 09 40.4	
GAL1	Galloway	69.76	34	eP	Iamb	07 09 38.1	-0.8
GAL1	Galloway	69.76	34	eP	Iamb	07 09 40.3	+1.1
WHY	Whitehorse	69.79	332	P	P	07 09 39.8	+0.6
WHY	Whitehorse	69.79	332	P	P	07 09 40.9	-0.1
NEWG	New Galloway	70.02	34	eP	Iamb	07 09 45.9	
NEWG	New Galloway	70.02	34	eP	Iamb	07 09 45.9	
MCH1	Michaelschur	70.10	38	eP	Iamb	07 09 41.4	+0.3
MCH1	Michaelschur	70.10	38	eP	Iamb	07 09 45.6	
M31M	Drury Creek, Y	70.10	334	P	P	07 09 42.5	+1.6
KAC	Achnashellach	70.13	32	eP	P	07 09 41.3	0.0

N31M	Braeburn, Yuko	70.48	333	P	P	07 09 44.8	+1.5
ESK	Eskdalemuir	70.71	34	eP	P	07 09 45.1	+0.3
CHIF	Chize	70.77	44	eP	P	07 09 46.1	+0.9
EBL	Broad Law	70.90	34	eP	P	07 09 46.5	+0.5
HYT	Haines Junction	71.07	332	P	P	07 09 49.0	+2.0
HYT	Haines Junction	71.07	332	P	Iamb	07 09 48.6	+1.5
LBWR	Ladybowser, 2a	71.14	36	eP	Iamb	07 09 48.3	+0.8
LBWR	Ladybowser, 2a	71.14	36	eP	Iamb	07 09 52.5	
MAYO	Mayo, Yukon	71.22	335	P	P	07 09 49.5	+1.7
CWF	Charwood Fore	71.26	37	eP	Iamb	07 09 47.1	-1.1
CWF	Charwood Fore	71.26	37	eP	Iamb	07 09 49.5	
A36M	Sachs Harbour	71.27	345	P	P	07 09 47.8	0.0
A36M	Sachs Harbour	71.27	345	P	IAMS_20	07 46 10.3	
A36M	Sachs Harbour	71.27	345	P	IAMS_20	07 46 10.3	
M30M	Minto, Yukon	71.28	334	P	P	07 09 49.2	+1.0
YUK6	Outpost Moun	71.51	332	P	P	07 09 51.9	+2.1
TORD	Torodi Ar, Bea	71.75	79	P	P	07 09 51.2	-0.6
TORD	Torodi Ar, Bea	71.75	79	P	P	07 37 45.2	+0.4
TORD	Torodi Ar, Bea	71.75	79	P	Iamb	07 09 51.5	-0.4
TORD	Torodi Ar, Bea	71.75	79	P	Iamb	07 09 55.3	
YUK4	Talbot Arm	71.75	332	P	P	07 09 53.1	+1.8
GDLE	Glaidsdale, N Y	71.87	35	eP	Iamb	07 09 52.5	+0.7
GDLE	Glaidsdale, N Y	71.87	35	eP	Iamb	07 09 56.7	
EUNU	Eureka	71.90	357	P	P	07 09 52.3	+0.6
DBG	Danoberg	71.94	13	eP	AMP	07 09 52.3	+0.4
DBG	Danoberg	71.94	13	eP	AMP	07 09 53.8	
INK	Inuvik	72.04	340	P	P	07 09 53.3	+0.7
INK	Inuvik	72.04	340	P	P	07 09 52.9	+0.4
INK	Inuvik	72.04	340	P	P	07 09 53.2	+0.7
J29M	Kondike Camp	72.07	335	P	P	07 09 57.4	+2.0
EPYK	Eagle Plains	72.49	337	P	P	07 09 56.2	+0.9
EPYK	Eagle Plains	72.49	337	P	Iamb	07 09 56.3	+0.9
YUK3	Moose Creek	72.70	332	P	P	07 09 58.3	+1.3
I29M	Ogivilo Camp	72.78	336	P	P	07 09 58.2	+1.1
CLF	Chambon-Foret	72.81	42	P	Iamb	07 09 58.2	+0.6
CLF	Chambon-Foret	72.81	42	P	Iamb	07 10 02.4	
DAWY	Dawson	72.84	335	P	P	07 09 58.1	+0.6
DAWY	Dawson	72.84	335	P	P	07 09 57.3	-0.2
CTG	China Glacier	72.92	331	P	P	07 09 59.9	+1.8
BVCY	Beaver Creek	73.05	333	P	P	07 10 00.5	+1.7
PMSA	Palmer Station	73.28	177	P	P	07 10 00.1	+0.2
PMSA	Palmer Station	73.28	177	P	P	07 10 59.9	+0.1
M27K	Edge Creek, AK	73.49	333	P	P	07 10 03.4	+1.9
L27K	Beaver Creek,	73.64	333	P	P	07 10 03.9	+1.7
L27K	Beaver Creek,	73.64	333	P	Iamb	07 10 02.4	+0.2
L27K	Beaver Creek,	73.64	333	P	Iamb	07 10 05.0	
DAG	Danmarks Havn	73.69	11	iP	AMP	07 10 01.7	-0.6
DAG	Danmarks Havn	73.69	11	iP	AMP	07 10 03.1	
DAG	Danmarks Havn	73.69	11	iP	Iamb	07 10 03.2	
CRQE	Cirque	73.70	331	P	P	07 10 03.3	+0.6
CRQM	Cirque	73.73	331	P	Iamb	07 10 02.4	-0.6
CRQM	Cirque	73.73	331	P	Iamb	07 10 50.7	
EGAK	Eagle	73.78	335	P	P	07 10 04.2	+1.2
EGAK	Eagle	73.78	335	P	Iamb	07 10 03.8	+0.8
EGAK	Eagle	73.78	335	P	Iamb	07 10 21.6	
EGAK	Eagle	73.78	335	P	IAMS_20	07 45 07.9	
MCARA	McCarthy VSAT	73.80	332	P	P	07 10 05.8	+2.5
M26K	Nabesna, AK	74.01	333	P	P	07 10 06.1	+1.6
M26K	Nabesna, AK	74.01	333	P	Iamb	07 10 05.4	+1.0
M26K	Nabesna, AK	74.01	333	P	Iamb	07 10 23.9	
SSB	Saint Sauveur	74.13	45	IAMS_20	IAMS_20	07 45 41.5	
L26K	Log Cabin Wild	74.30	333	P	P	07 10 07.7	+1.6
L26K	Log Cabin Wild	74.30	333	P	IAMS_20	07 46 13.0	
SNF	Senefite	74.39	40	dP	P	07 10 07.5	+0.7
BRMR	Bremner River	74.47	331	P	P	07 10 08.8	+1.6
DOU	Dourbes	74.55	40	dP	P	07 10 07.7	0.0
DOU	Dourbes	74.55	40	dP	P	07 10 07.7	0.0
N25K	Chitina, Valde	74.59	332	P	P	07 10 09.8	+1.9
BMRD	Marsous	74.68	40	dP	P	07 10 08.2	-0.2
J26L	Joseph Creek	74.72	335	P	P	07 10 09.8	+1.2
DOT	Dot Lake	74.75	334	P	Iamb	07 10 09.6	+0.9
DOT	Dot Lake	74.75	334	P	Iamb	07 10 11.3	
SCRK	Sand Creek	74.78	334	P	P	07 10 10.2	+1.2
SCRK	Sand Creek	74.78	334	P	Iamb	07 10 09.0	0.0
SCRK	Sand Creek	74.78	334	P	Iamb	07 10 11.5	
BGES	Gesves	74.89	40	dP	P	07 10 10.4	+0.7
EYAK	Rodova Ski Ar	74.95	330	P	P	07 10 12.1	+2.2
RCHB	Corchof	74.96	40	dP	P	07 10 10.1	-0.1
HARP	HAARP	75.00	332	P	P	07 10 12.0	+1.9
BCLA	Clavier	75.03	40	dP	P	07 10 11.4	+0.9
RIDG	Independent Ri	75.11	334	P	P	07 10 12.3	+1.5
RIDG	Independent Ri	75.11	334</				

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Harper NE Stat, Argonia West Sta, Harper SW Stat, etc.

comp=2.9,7nm,0.9s,baz=108,slow=0.8,SNR=7.6

NEIC 07:06:59:46.5:0.6, 37.42N:0.02:97.98W:0.02:11km,7km, mb_Lg2.9/11, Error ellipse: s-maj=2.9km s-min=1.6km az=218.0, Kansas

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Harper NE Stat, Argonia West Sta, Harper SW Stat, etc.

SJA 07:07:04:30.0, 29.14'S: 72.64'W, h10km, ML5.9

NEIC 07:07:04:31.4, 29.47'S: 72.30'W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr1:27; Mw:0.16; Ms:1.11; Mo:0.21; Mv:0.14; Mw:0.17; Fault plane solution: Mo:1.43000e+18 NP1:1.7658000e+18, delta1:0.70000, delta2:0.94000, NP2:1.71000e+18, delta3:0.48000, delta4:1.0753000. Principal axes: T 1.5118, Plg2:72.0000, Azm63.0000; N -0.1900, Plg9.0000; Azm181.0000; P -1.3218, Plg16.0000; Azm274.0000;

GUC 07:07:04:31.0, 29.47'S: 72.35'W, h15km, ML6.0

NEIC 07:07:04:31.4, 1.6, 29.46'S: 0.04: 72.30'W: 0.09, h13km, 1km

Fault plane solution: Mo:1.022e+18, Mw:6.092, Mv:6.2, ML6.0(GUC), Mw:6.1(GCMT), Error ellipse: s-maj=12.8km s-min=7.5km az=269.0

IDC 07:07:04:32.0, 6.0, 29.52'S: 72.01'W, h0km, mb4.8/18, mb1.5/0.22, mb1mx4.9/31, mbtmp4.9/22, ML4.7/L4, MS5.7/6, Ms1.5/7.6, ms1mx5.2/42, Error ellipse: s-maj=18.6km s-min=11.4km az=87.0

BUJ 07:07:04:36.0, 0.0, 29.40'S: 72.50'W, h10km, mbE.0/47, Ms6.6/49, Ms7.6/547

MOS 07:07:04:38.3, 1.5, 29.15'S: 71.79'W, h33km, mb5.8/24, MS5.9/12, Error ellipse: s-maj=17.6km s-min=11.3km az=69.0

VAO 07:07:04:39.6, 0.3, 29.17'S: 71.54'W, h12km, mb5.4

NEIC 07:07:04:29.47'S: 72.43'W, h12km, Moment Tensor Solution. Duration: 180 Moment tensor: Scale 10^18Nm; Mr:1.33; Ms:0.10; Mw:1.23; Mo:0.44; Mw:0.27; Mw:1.81; Fault plane solution: Mo:2.28000e+18 NP1:1.7658000e+18, delta1:0.70000, delta2:0.94000, NP2:1.71000e+18, delta3:0.48000, delta4:1.0753000. Principal axes: T 2.2977, Plg63.0000; Azm104.0000; N -0.0396, Plg0.0000; Azm13.0000; P -2.2582, Plg27.0000; Azm283.0000;

NEIC 07:07:04:29.59'S: 72.39'W, h12km, Moment Tensor Solution. Duration: 52 Moment tensor: Scale 10^18Nm; Mr:1.10; Ms:0.01; Mw:1.12; Mo:0.27; Mw:0.20; Mw:1.06; Fault plane solution: Mo:57000e+18 NP1:1.60000e+18, delta1:0.0000, delta2:0.84000, NP2:1.93000e+18, delta3:0.667000, delta4:0.930000. Principal axes: T 1.5468, Plg67.0000; Azm107.0000; N 0.0459, Plg2.0000; Azm12.0000; P -1.5927, Plg22.0000; Azm281.0000;

GCMT 07:07:04:41.0, 1.29, 54'S: 0.01: 72.33'W: 0.01, h12km, MW6.0/146, Moment Tensor Solution. s144,c296; s146,c247; Duration: 266 Moment tensor: Scale 10^18 Nm; Mr:1.12; Ms:0.01; Mw:1.00; Mo:0.12; Mw:0.28; Mw:1.05; Mo:0.91; Mw:0.27; Best double couple: Mo:1.47600e+18 NP1:1.7658000e+18, delta1:0.70000, delta2:0.94000, NP2:1.71000e+18, delta3:0.48000, delta4:1.0753000. Principal axes: T 1.4730, Plg69.0000; Azm117.0000; N 0.0030, Plg5.0000; Azm11.0000; P -1.4790, Plg20.0000; Azm280.0000; nstai refers to body waves, cutoff=40s.

nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 07:07:04:37.8, 0.2, 29.67'S: 0.03: 71.92'W: 0.03, h25km, n883, c289/746, mb5.7/66, MS6.0/167, 115C-34D, Fault plane solution: NP1:1.9227385e+18, delta1:0.56927e+18, delta2:0.56927e+18, delta3:0.56927e+18, delta4:0.56927e+18. Principal axes: T Plg68.0319; Azm160.9722; N Plg21.3275; Azm355.5249; P Plg5.0233; Azm263.5582; Near central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like La Serena, Fray Jorge, Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like San Esteban, Uspallata, Tupulveda, etc.

7d	7th								
BDFB	Brasilia	26.04	63	P	P	07 10 06.1	-3.2		
BDFB	Brasilia	26.04	63	P	I	07 10 06.1	-3.2		
BDFB	Brasilia	26.04	63	P	I	07 10 06.1	-3.2		
VAS01	Vassouras-RJ	26.59	81	eP	P	07 10 15.4	+1.2		
DUB01	Friburgo-RJ	27.58	81	eP	P	07 10 24.7	+1.5		
PEXB	Peixe	28.05	56	eP	P	07 10 26.4	-0.9		
DIAM	Diamantina, MG	31.00	76	eP	P	07 10 27.0	-1.0		
CAM01	Campos-RJ	28.30	81	eP	P	07 10 28.0	-1.0		
MC01	Montes Claros	28.68	70	eP	P	07 10 32.3	-0.8		
JANB	Januaria	29.28	66	eP	P	07 10 36.6	-1.7		
ITTB	Itaituba	29.46	34	eP	P	07 10 37.5	-2.3		
ALF01	Guarapari-ES	29.57	80	eP	P	07 10 41.3	+0.6		
SJMS	Sao Joao De Ma	30.00	76	eP	P	07 10 45.1	+0.5		
BSFB	Barra de Sao F	30.23	76	eP	P	07 10 47.1	+0.5		
OTAV	Otavalo	30.38	347	eP	P	07 10 46.8	-1.6		
SDBA	SAO DESIDERIO	30.39	61	eP	P	07 10 46.2	-1.9		
RIB01	Linhares ES	30.40	77	eP	P	07 10 48.6	+0.5		
SMTB	Santa Maria do	30.79	53	eP	P	07 10 50.0	-1.6		
NAN01	Guarapari, ES	31.29	75	eP	P	07 10 55.0	-1.0		
PRPB	Parauapebas	31.31	46	eP	P	07 10 55.0	-1.2		
GUA01	Guaratinga, BA	32.16	73	eP	P	07 11 03.7	+0.1		
MALB	Monte Alegre	32.36	35	eP	P	07 11 04.6	-0.7		
CMC01	Camacan, BA	33.01	72	eP	P	07 11 10.2	-1.0		
NBIT	Itapet- BA	33.30	71	eP	P	07 11 12.8	-0.9		
PAYC	Puerto Ayora	33.73	25	IAMS_20	IAMS_20	07 23 20.3			
GDU01	Guandu, BA	33.84	69	eP	P	07 11 16.6	-1.8		
NBPN	Ponto Novo - B	34.98	64	eP	P	07 11 25.9	-2.4		
TMAB	Tom-Au, PA, Br	35.34	44	eP	P	07 11 29.4	-1.9		
PMSA	Palmer Station	35.47	174	eP	P	07 11 38.2	+0.3		
PMSA	Palmer Station	35.47	174	eP	P	07 11 38.2	+0.3		
ZARC	Zaragoza, Cauc	37.05	35	IAMB	IAMB	07 12 02.0			
ZARC	Zaragoza, Cauc	37.05	35	IAMB	IAMB	07 12 02.0			
ROSB	Rosrio	37.47	50	eP	P	07 11 48.3	-1.2		
NBMA	Muriti-CE	38.24	61	eP	P	07 11 55.0	-1.1		
NBPS	Pedro II - PJ	38.24	55	eP	P	07 11 55.0	-1.1		
SDV	Santo Domingo	38.35	2	eP	P	07 11 57.7	+0.6		
CAP2	Capurgana	38.45	351	P	P	07 11 50.0	-7.7		
NBAN	Anadia - AL	38.78	67	eP	P	07 11 58.5	-2.1		
NBPS	Pedra Branca-C	38.81	58	eP	P	07 11 59.4	-1.4		
MDP	Montagnes des	39.21	31	eP	P	07 12 02.8	-1.4		
NBLV	Livramento - P	39.66	63	eP	P	07 12 06.7	-1.4		
NBMV	Morrinhos-CE	39.99	55	eP	P	07 12 10.2	-0.5		
NBPA	Parau - RN	40.53	61	eP	P	07 12 14.3	-0.9		
NBCL	Casavel-CE	40.64	58	eP	P	07 12 15.7	-0.4		
NBPV	Pedro Velho	41.51	63	eP	P	07 12 22.1	-1.1		
BBGH	Gun Hill	44.20	17	IAMS_20	IAMS_20	07 34 05.1			
SVN	Savane Anatole	45.45	15	IAMS_20	IAMS_20	07 33 04.6			
TGUH	Teguigalpa, Un	45.92	339	IAMB	IAMB	07 12 56.4	-2.4		
TGUH	Teguigalpa, Un	45.92	339	IAMB	IAMB	07 12 56.4	-2.4		
TGUH	Teguigalpa, Un	45.92	339	IAMB	IAMB	07 12 56.4	-2.4		
CRPR	Cabo Rojo, PR	47.62	6	P	P	07 13 04.0	-7.8		
OBIP	Obispo Ponce	47.71	7	P	P	07 13 06.0	-6.5		
CELP	Cerrillos	47.74	8	P	P	07 13 06.0	-6.8		
PDRP	Patillas Dam,	47.75	8	P	P	07 13 05.5	-7.3		
PDRP	Patillas Dam,	47.75	8	P	P	07 13 05.5	-7.3		
SJG	San Juan	47.83	7	IAMB	IAMB	07 13 11.2	-2.2		
MTDU	Mount Denham	47.92	353	P	P	07 13 06.8	-7.5		
ATPR	Arrecibo Observ	47.99	7	P	P	07 13 08.2	-6.6		
CBYP	Canovanas	48.02	8	P	P	07 13 07.8	-7.1		
CBYP	Canovanas	48.02	8	P	P	07 13 07.8	-7.1		
GCPR	Guaynabo City	48.03	7	P	P	07 13 08.2	-6.8		
GCPR	Guaynabo City	48.03	7	P	P	07 13 08.2	-6.8		
DR12	Loma Pena Alta	48.23	3	P	P	07 13 08.8	-7.9		
SC01	Santiago de Lo	48.82	1	P	P	07 13 13.2	-7.9		
CMIG	Matias Romero	51.43	337	P	P	07 13 39.5	-2.0		
SOR	Soroa	53.23	347	P	P	07 13 47.6	-6.7		
SOR	Soroa	53.23	347	P	P	07 13 47.6	-6.7		
SOR	Soroa	53.23	347	P	P	07 13 47.6	-6.7		
SOR	Soroa	53.23	347	P	P	07 13 47.6	-6.7		
VNA3	Neumayer Olymp	53.34	159	P	P	07 13 55.8	+1.2		
TLIG	Tiapa	53.53	328	P	P	07 13 48.2	-8.4		
VNA1	Neumayer-Stat	53.53	328	P	P	07 13 48.2	-8.4		
VNA2	Neumayer-Watz	53.98	158	P	P	07 14 00.9	+1.7		
UNM	Universidad Na	55.35	328	IAMS_20	IAMS_20	07 32 06.5			
SNA5	Sanae	55.57	159	P	P	07 14 11.9	+1.1		
SNA4	Sanae	55.57	159	P	P	07 14 10.9	-1.0		
SNA4	Sanae	55.57	159	P	P	07 14 10.9	-1.0		
SNA4	Sanae	55.57	159	P	P	07 14 10.9	-1.0		
ASCN	Ascension	58.00	80	IAMS_20	IAMS_20	07 36 12.7			
ZAIG	Zacatecas	59.89	327	P	P	07 14 34.8	-7.2		
ZAIG	Zacatecas	59.89	327	P	P	07 14 34.8	-7.2		
QSPA	South Pole Qui	60.56	180	P	P	07 14 45.0	-0.9		
QSPA	South Pole Qui	60.56	180	P	P	07 14 45.0	-0.9		
QSPA	South Pole Qui	60.56	180	P	P	07 14 45.0	-0.9		
QSPA	South Pole Qui	60.56	180	P	P	07 14 45.0	-0.9		
456A	Hilliard	60.82	350	P	P	07 14 40.4	-7.4		
456A	Hilliard	60.82	350	P	P	07 14 40.4	-7.4		
TIGA	Tifton	61.77	349	P	P	07 14 52.1	-2.2		
TIGA	Tifton	61.77	349	P	P	07 14 52.1	-2.2		
TIGA	Tifton	61.77	349	P	P	07 14 52.1	-2.2		
TIGA	Tifton	61.77	349	P	P	07 14 52.1	-2.2		
SHEL	Horse Pasture	61.79	93	IAMS_20	IAMS_20	07 42 18.1			
352A	Blakely	62.05	347	P	P	07 14 50.4	-5.7		
255A	Hazlehurst	62.07	350	P	P	07 14 50.8	-5.4		
255A	Hazlehurst	62.07	350	P	P	07 14 50.8	-5.4		
BBSR	BB Station	62.08	7	IAMS_20	IAMS_20	07 42 39.9			
BRAL	Brewton	62.19	345	P	P	07 14 53.8	-3.3		
BRAL	Brewton	62.19	345	P	P	07 14 53.8	-3.3		
BRAL	Brewton	62.19	345	P	P	07 14 53.8	-3.3		
BRAL	Brewton	62.19	345	P	P	07 14 53.8	-3.3		
154A	Montrose	62.84	349	P	P	07 15 00.6	-1.3		
NHSC	New Hope	62.92	352	P	P	07 15 00.6	-1.3		
NHSC	New Hope	62.92	352	P	P	07 15 00.6	-1.3		
NHSC	New Hope	62.92	352	P	P	07 15 00.6	-1.3		
NHSC	New Hope	62.92	352	P	P	07 15 00.6	-1.3		
346A	Big Creek Wild	62.97	343	P	P	07 14 56.1	-6.8		
346A	Big Creek Wild	62.97	343	P	P	07 14 56.1	-6.8		
152A	Waverly Hall	63.17	348	P	P	07 14 56.3	-7.3		
344A	Westbrook Farm	63.36	342	P	P	07 14 58.7	-6.1		
833A	Chaparral WIA,	63.36	333	P	P	07 15 03.3	-1.7		
833A	Chaparral WIA,	63.36	333	P	P	07 15 03.3	-1.7		
HKT	Hockley	63.52	337	eP	P	07 15 02.7	-3.1		
HKT	Hockley	63.52	337	eP	P	07 15 02.7	-3.1		
HKT	Hockley	63.52	337	eP	P	07 15 02.7	-3.1		
HKT	Hockley	63.52	337	eP	P	07 15 02.7	-3.1		
GOGA	Godfrey	63.68	349	P	P	07 14 59.2	-7.7		
GOGA	Godfrey	63.68	349	P	P	07 14 59.2	-7.7		
GOGA	Godfrey	63.68	349	P	P	07 14 59.2	-7.7		
GOGA	Godfrey	63.68	349	P	P	07 14 59.2	-7.7		

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GOGA	baz=169	S	S	07 23 38.1	-1.6		
GOGA	Godfrey	63.68	349	P	P	07 14 59.2	-7.7
342A	Flagoon Creek P	63.73	341	P	P	07 15 01.1	-6.1
Y57A	Sumter	63.84	352	P	P	07 15 01.4	-6.6
Y57A	Sumter	63.84	352	P	P	07 15 01.4	-6.6
VBMS	comp=Z,154nm,1.8s	S	S	07 15 08.9	-0.3		
VBMS	Vicksburg	64.03	343	P	P	07 15 08.9	-0.3
VBMS	Vicksburg	64.03	343	P	P	07 15 08.9	-0.3
VBMS	Vicksburg	64.03	343	P	P	07 15 08.9	-0.3
X58A	Rowland	64.28	353	P	P	07 15 04.4	-6.3
X58A	Rowland	64.28	353	P	P	07 15 04.4	-6.3
SACV	comp=Z,54nm,0.7s	S	S	07 42 47.7			
SACV	Santiago Islan	64.34	53	IAMS_20	IAMS_20	07 42 47.7	
Z47A	Carrollton	64.37	345	P	P	07 15 05.4	-6.0
Z47A	Carrollton	64.37	345	P	P	07 15 05.4	-6.0
SLBS	comp=Z,56nm,0.9s	S	S	07 15 04.0	-8.1		
SLBS	Sierra La Lagu						

7d 7h

YBH	comp=Z,5um,20.0s	MLR	MLR				
YBH	Yreka Blue Hor	85.11	324	P	P	07 17 05.4	-6.1
YBH	comp=Z,5um,20.0s	IAMS_20	IAMS_20			07 55 25.7	
JCC	Jacoby Creek	85.12	323	IAMS_20	IAMS_20	07 56 40.9	
L04D	Klamath Falls	85.26	325	P	P	07 17 10.2	-2.2
L04D	baz=138	S	S			07 27 41.6	+0.4
K04D	Chiloquin, OR	85.29	326	P	P	07 17 11.0	-1.4
K04D	baz=138	S	S			07 27 42.0	+0.6
J05D	Fort Rock, OR	85.53	326	P	P	07 17 13.4	-0.3
J05D	baz=139,SNR=7.6	S	S			07 27 48.1	+4.2
F10A	Beach Ranch, E	85.76	330	↑P	P	07 17 19.2	+4.5
L02E	Cave Junction	85.87	324	P	P	07 17 14.3	-0.9
L02E	baz=137	S	S			07 27 45.5	-1.4
HUMO	Hull Mountain	85.88	325	↑P	P	07 17 19.5	+4.2
HUMO	Hull Mountain	85.88	325	IAMS_20	IAMS_20	07 56 34.0	
J04D	Umpqua Natona	85.92	326	P	P	07 17 15.7	0.0
J04D	baz=138	S	S			07 27 46.8	-1.0
K02D	Willamette Mer	86.30	325	P	P	07 17 16.6	-0.8
K02D	baz=137,SNR=16	S	S			07 27 51.2	-0.1
I05D	Terrebonne, OR	86.37	327	P	P	07 17 16.0	-1.7
I05D	baz=139	S	S			07 27 49.0	-2.8
I04A	Tendick Farm,	86.48	326	P	P	07 17 17.4	-0.9
I04A	baz=138	S	S			07 27 47.9	-4.9
URZ	Urewera	86.65	227	↑P	P	07 17 25.8	+6.4
URZ	Urewera	86.65	227	IAMS_20	IAMS_20	07 55 03.7	
OXZ	Oxford	86.68	221	IAMS_20	IAMS_20	08 00 38.3	
J01E	Myrtle Point	86.77	325	P	P	07 17 19.0	-0.6
J01E	baz=137	S	S			07 27 54.1	-1.4
WALA	Waterton Lakes	86.87	334	P	P	07 17 12.6	-7.5
I03D	Drain, OR	86.87	325	P	P	07 17 19.1	-1.0
I03D	baz=137	S	S			07 27 54.3	-2.2
LTZ	Lake Taylor	86.89	222	IAMS_20	IAMS_20	07 55 53.7	
RPZ	Rata Peaks	87.00	220	IAMS_20	IAMS_20	08 01 36.8	
H04A	Detroit Lake	87.03	327	P	P	07 17 15.1	-5.8
G05D	Wamic, OR	87.04	328	S	S	07 28 04.8	+6.6
HAWA	Hanford	87.09	329	↑P	P	07 17 20.9	-0.2
HAWA	Hanford	87.09	329	IAMS_20	IAMS_20	07 56 25.5	
THZ	Tophouse	87.15	223	IAMS_20	IAMS_20	07 55 07.4	
H04D	Lebanon	87.18	326	P	P	07 17 24.6	+3.0
H04D	baz=138	S	S			07 27 59.4	-0.1
NNZ	Nelson	87.20	223	IAMS_20	IAMS_20	07 55 05.7	
I02E	Swissmore, OR	87.42	325	S	S	07 27 59.2	-2.5
AVE	Averroes	87.44	49	P	P	07 17 24.6	+1.5
AVE	Averroes	87.44	49	S	S	07 27 55.3	-7.2
COR	Corvallis	87.50	326	IAMS_20	IAMS_20	07 56 42.0	
NEW	Newport	87.51	332	P	P	07 17 25.5	+2.3
NEW	Newport	87.51	332	IAMS_20	IAMS_20	07 44 37.7	
MLZ	Mavora Lakes	87.54	218	IAMS_20	IAMS_20	07 56 42.9	
F05D	White Salmon	87.59	328	S	S	07 28 05.5	+2.2
FOZ	Fox Glacier	87.81	220	IAMS_20	IAMS_20	07 49 43.2	
G03D	McMinnville, O	87.94	326	S	S	07 28 09.1	+2.4
FFC	Flin Flon	87.94	343	IAMS_20	IAMS_20	08 04 17.5	
QRZ	Quartz Range	87.95	223	IAMS_20	IAMS_20	07 55 11.5	
RAO	Raoul Island	88.29	237	IAMS_20	IAMS_20	07 57 12.4	
F04D	Rainier, OR	88.46	327	S	S	07 28 16.0	+4.4
E04D	Cinebar	88.60	328	S	S	07 28 19.0	+6.1
CRZF	Crozet Islands	88.80	145	IAMS_20	IAMS_20	07 44 31.5	
C06D	Leavenworth	88.86	330	S	S	07 28 21.9	+6.4
MORF	Marmetele	89.14	45	eSKSac	SKSac	07 27 56.8	-2.6
PTEO	Sao Teotonio	89.25	45	eP	P	07 17 34.1	+2.5
D03D	Eldon	89.56	328	S	S	07 28 29.3	+7.3
B05A	Bryant	89.65	329	S	S	07 28 28.1	+5.4
LIS	Lisbon	89.73	44	eSKSac	SKSac	07 27 59.7	-2.9
MESJ	Messajana	89.74	45	eSKSac	SKSac	07 27 59.9	-2.8
PVAQ	Vaqueiros	89.78	46	eP	P	07 28 36.4	+1.2
NLWA	Neilton Lookou	89.82	328	IAMS_20	IAMS_20	07 57 37.4	
SFS	San Fernando	90.16	47	P	P	07 17 39.4	+3.5
SFS	San Fernando	90.16	47	S	S	07 27 35.1	-1.2
ARNO	Arenosillo	90.22	47	P	P	07 17 37.1	+1.1
ARNO	Arenosillo	90.22	47	S	S	07 28 15.3	-1.3
EVO	Evora	90.30	45	P	P	07 17 39.0	+2.5
EVO	Evora	90.30	45	S	S	07 28 13.1	-1.6
CEU	Ceuta	90.36	48	P	P	07 17 38.6	+1.9
CEU	Ceuta	90.36	48	S	S	07 28 15.1	-1.4
PMTG	Montargil	90.51	44	eP	P	07 17 37.5	+0.1
PVLZ	Peaen de	90.62	49	P	P	07 17 39.0	+1.0
PVLZ	Peaen de	90.62	49	S	S	07 28 12.8	-2.0
PBAR	Barrancos	90.68	46	eP	P	07 17 40.4	+2.1
OUZ	Omahuta	90.72	228	IAMS_20	IAMS_20	08 03 43.5	
PMRV	Marv??o	91.24	44	eS	S	07 28 47.5	+1.0
EMAL	Malaga-Limoner	91.48	48	P	P	07 17 42.4	+0.4
EMAL	Malaga-Limoner	91.48	48	S	S	07 28 17.1	-2.5
MTE	Manteigas	91.75	44	eS	S	07 28 52.2	+1.0
MTE	Manteigas	91.75	44	IAMS_20	IAMS_20	08 03 00.8	
CHAS	Isia Isabel II	91.87	50	P	P	07 17 44.9	+1.0
CHAS	Isia Isabel II	91.87	50	S	S	07 28 24.8	-1.9
PGAV	Gaveira, Arco	92.29	42	eS	S	07 28 56.0	+8.6
MVO	Moncorvo	92.53	43	eS	S	07 28 32.6	-1.7
ESDC	Sonsecra Army	93.50	46	P	P	07 17 50.3	-1.1
CART	Cartagena	94.19	49	P	P	07 17 53.2	-1.3
CART	Cartagena	94.19	49	S	S	07 28 30.2	+2.4
POHA	Pohakuloa	94.26	290	IAMS_20	IAMS_20	08 06 42.1	
UCM	Universidad Co	94.32	46	P	P	07 17 56.0	+0.9
UCM	Universidad Co	94.32	46	S	S	07 28 37.2	-2.8
UMSF	Nonsavu	97.76	245	IAMS_20	IAMS_20	07 58 40.0	
MAHO	Mahon	98.90	49	P	Pdf	07 18 19.0	+3.2
MAHO	Mahon	98.90	49	S	SKSac	07 28 59.1	+6.8
TABU	Tasmania Unive	99.28	208	IAMS_20	IAMS_20	08 04 18.5	
MBAR	Mbarara	100.69	97	IAMS_20	IAMS_20	07 59 09.4	
VOI	Vohitsoka	101.87	124	IAMS_20	IAMS_20	08 05 39.6	
ESK	Eskdalemuir	102.91	33	IAMS_20	IAMS_20	08 03 15.1	
DZM	Mont Dzumac	103.86	234	ePS	PS	07 31 56.8	-1.0
DZM	Mont Dzumac	103.86	234	eSS	SS	07 37 31.8	-8.9

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DZM	comp=Z,4um,27.1s	103.86	234	eLQ	LQ	07 47 58.9	
DZM	Mont Dzumac	103.86	234	eLR	LR	07 52 19.7	
DZM	comp=Z,5um,35.5s						
LIFNC	LIFUNC	104.11	236	IAMS_20	IAMS_20	08 07 57.6	
CAN	Canberra	104.74	214	IAMS_20	IAMS_20	08 15 53.0	
WLF	Walfordange	104.92	41	IAMS_20	IAMS_20	08 08 29.8	
KMBO	Kilima Mbogo	106.03	101	IAMS_20	IAMS_20	08 02 53.8	
KIBU	Kibizi	106.08	102	IAMS_20	IAMS_20	08 07 24.8	
AQB	L'Aquila	106.14	50	IAMS_20	IAMS_20	08 07 23.1	
FETA	Feichten	106.44	45	eP	PKIKP	07 22 59.0	-1.4
RETA	Reutte	106.66	45	eP	Pdf	07 18 53.4	+3.2
RETA	comp=Z,4.5nm,1.1s						
LODK	Lodwar	106.70	96	IAMS_20	IAMS_20	08 00 52.4	
MOTA	Moosalm	106.81	45	eP	Pdf	07 28 54.4	+3.4
MOTA	comp=Z,6.8nm,1.0s						
MOTA	comp=Z,7.9nm,1.3s						
SQTA	Sankt Quirin	106.82	45	eP	Pdf	07 18 55.5	+4.5
SQTA	comp=Z,9.9nm,1.4s						
WTTA	Wattenberg	107.10	45	eP	Pdf	07 18 53.5	+1.2
WTTA	comp=Z,5.5nm,1.1s						
WTTA	comp=Z,17nm,1.8s						
ABTA	Abfaltersbach	107.43	46	P	PKIKP	07 23 04.5	+2.4
CADS	Cadrg	107.98	47	ePP	PP	07 23 25.2	-0.7
CADS	Cerckica	108.22	47	ePdiff	Pdf	07 19 00.6	+3.4
CEY	CEY			eSKSac	SKSac	07 29 41.6	+6.2
CEY	CEY			eSdiff	Sdif	07 31 16.7	+1.5
CEY	CEY			eS	SS	07 32 58.4	
CEY	CEY			eS	SS	07 38 59.3	+1.6
LJUJ	Ljubljana	108.41	47	ePP	PP	07 23 27.7	-1.6
MOA	Molin	108.97	45	eP	PKIKP	07 23 06.5	+1.7
SOKA	Soboth	108.98	47	iP	PKIKP	07 23 05.7	+0.7
GERES	GERESS Array B	109.02	44	PKIKP	PKIKP	07 23 04.6	-0.4
GERES	comp=Z,2.5nm,0.8s,baz=197,slow=3.0,SNR=5.0						
KHC	Kasperske Hory	109.05	44	ePP	PP	07 23 30.5	-3.1
KHC	KHC			eSKS	SKSac	07 29 44.7	+5.9
CKRC	Cesky Krumlov	109.37	44	ePP	SKSac	07 23 32.7	-3.7
CKRC	CKRC			eSKS	SKSac	07 29 50.5	+1.0
ARSA	Arzberg	109.52	46	eP	PKIKP	07 23 10.5	+4.6
ARSA	comp=Z,6.9nm,1.2s						
COLL	Collim	109.57	42	eP	Pdf	07 19 01.0	-2.0
COLL	COLL			eP	PP	07 23 33.0	-4.3
COLL	COLL			ePdiff	Pdf	07 19 01.0	-2.0
COLL	COLL			ePP	PP	07 23 33.0	-4.3
COLL	COLL			ePPP	PPP	07 25 54.0	
COLL	COLL			eSKSac	SKSac	07 29 40.0	-0.7
COLL	COLL			eSdiff	Sdif	07 31 14.0	+0.9
COLL	COLL			eP(S)		07 32 53.0	
COLL	COLL			eP	PP	07 33 14.0	
COLL	COLL			ePPS	PPS	07 34 07.0	
COLL	COLL			eP	PP	07 35 48.0	
COLL							

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations 359-500.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations 500-700.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations 700-900.

comp=Z,609nm,1.1s	eS	S	07 51 42.8 +1.3	PPT2	comp=Z,31um,22.0s	Papeete2	71.21 260	eP	P	07 43 00.0 +2.2	TRY	Troy	73.29 358	IAMS_20	IAMS_20	08 14 32.9
comp=Z,30um,31.8s	eLQ	LQ	08 00 35.5	PPT2	comp=Z,405nm,1.0s	Papeete2		eS	P	07 52 13.2 +0.4	ANMO	Albuquerque	73.32 331	P	P	07 43 11.2 +1.2
comp=Z,26um,29.8s	eLR	LR	08 03 29.0	PPT2	comp=Z,55um,30.8s	Papeete2	71.21 260	eLR	SR	08 04 42.7	ANMO	Albuquerque	73.32 331	P	P	07 43 11.6 +1.6
comp=Z,88um,26.8s,baz=109	eT	T	08 57 06.9	PPT2	comp=Z,84um,24.5s,baz=118	Papeete2	71.21 260	eT	T	09 00 20.8	ANMO	Albuquerque	73.32 331	P	P	07 52 39.2 +0.6
comp=Z,120nm,0.2s	eT	T	08 57 06.9	LUPA	comp=Z,7m,0.3s	Lehigh Univs	71.22 357	P	P	07 42 57.7 +0.6	ANMO	Albuquerque	73.32 331	P	P	07 43 11.2 +1.2
baz=154,SNR=144	S	S	07 51 42.7 +1.7	PPT	comp=Z,102nm,0.9s,baz=98,slow=4.2,SNR=5.0	Papeete	71.22 260	P	P	07 42 59.0 +1.2	ALIC	Limo	73.32 331	eP	P	07 43 10.2 -0.1
baz=154	S	S	07 51 42.7 +1.7	PPT	comp=Z,19um,18.6s,baz=118,slow=20	Papeete	71.22 260	LR	LR	08 06 49.7	KSU1	Kansas State U	73.47 340	P	P	07 43 10.6 +0.1
Abilene, Hawle	68.58 335	P	07 42 41.6 +0.5	PPT	comp=Z,19um,18.6s,baz=118,slow=20	Papeete	71.22 260	P	P	07 42 59.0 +1.2	KSU1	Kansas State U	73.47 340	P	P	07 52 36.4 -1.0
Corbin Frederi	68.96 355	P	07 42 44.2 +0.9	S39A	comp=Z,19um,18.6s,baz=118,slow=20	Bolivar	71.23 342	P	P	07 42 57.7 +0.5	KSU1	Kansas State U	73.47 340	P	P	07 43 10.3 -0.2
baz=175,SNR=20	S	S	07 51 48.1 +2.9	AMTX	comp=Z,19um,18.6s,baz=118,slow=20	Amarillo	71.36 334	P	P	07 42 58.9 +0.8	TIC	Toumoudi	73.67 72	eP	P	07 43 11.7 -0.1
CBN	68.96 355	IAMS_20	08 14 02.4	AMTX	comp=Z,19um,18.6s,baz=118,slow=20	Amarillo	71.36 334	P	P	07 42 58.9 +0.8	KIC	Kosan Boka	73.67 72	eP	P	07 43 12.2 +0.1
comp=Z,31um,22.0s	P	P	07 42 44.6 +1.0	AMTX	comp=Z,19um,18.6s,baz=118,slow=20	Amarillo	71.36 334	P	P	07 42 58.9 +0.8	AAM	Ann Arbor	73.70 351	P	P	07 43 11.7 -0.1
W39A	69.02 341	P	07 42 44.6 +1.0	SLM	comp=Z,19um,18.6s,baz=118,slow=20	Saint Louis	71.36 345	P	P	07 42 57.8 -0.1	AAM	Ann Arbor	73.70 351	P	P	07 52 37.0 -1.6
baz=160	S	S	07 51 47.9 +1.9	SLM	comp=Z,3um,2.0s	Saint Louis	71.36 345	P	P	07 42 57.8 -0.1	DBIC	Dimbokro	73.72 72	P	P	07 43 12.7 +0.1
MBO	69.04 58	P	07 42 44.9 +0.6	SLM	comp=Z,3um,2.0s	Saint Louis	71.36 345	P	P	07 42 57.9 0.0	DBIC	Dimbokro	73.72 72	P	P	08 12 56.1
T47A	69.10 347	P	07 42 44.1 -0.1	O53A	comp=Z,3um,2.0s	New Philadelphia	71.36 352	P	P	07 42 57.9 0.0	DBIC	Dimbokro	73.72 72	P	P	07 43 12.5 -0.1
PVMO	69.11 344	P	07 42 45.0 +0.7	O53A	comp=Z,3um,2.0s	New Philadelphia	71.36 352	P	P	07 42 57.9 0.0	DBIC	Dimbokro	73.72 72	P	P	07 43 12.7 +0.1
SS1A	69.12 350	P	07 42 44.4 +0.1	O53A	comp=Z,3um,2.0s	New Philadelphia	71.36 352	P	P	07 42 57.9 0.0	DBIC	Dimbokro	73.72 72	P	P	07 43 12.9 +0.3
SS1A	69.12 350	IAMB	07 42 47.3	O53A	comp=Z,3um,2.0s	New Philadelphia	71.36 352	P	P	07 42 57.9 0.0	DBIC	Dimbokro	73.72 72	P	P	07 43 14.5
comp=Z,1um,1.7s	P	P	07 42 44.8 +0.5	SSPA	comp=Z,171	Standing Stone	71.42 355	P	P	07 42 59.1 +0.8	DBIC	Dimbokro	73.72 72	P	P	07 43 14.5
HICK	69.12 345	P	07 42 44.8 +0.5	SSPA	comp=Z,171	Standing Stone	71.42 355	P	P	07 42 59.1 +0.8	DBIC	Dimbokro	73.72 72	P	P	07 43 12.9 +0.3
PENMO	69.13 344	P	07 42 44.9 +0.6	SSPA	comp=Z,171	Standing Stone	71.42 355	P	P	07 42 59.1 +0.8	DBIC	Dimbokro	73.72 72	P	P	07 43 14.5
LAR	69.13 343	IAMB	07 42 44.8 +0.4	SSPA	comp=Z,171	Standing Stone	71.42 355	P	P	07 42 59.1 +0.8	DBIC	Dimbokro	73.72 72	P	P	07 43 14.5
FCAR	69.21 342	P	07 42 45.2 +0.3	N59A	comp=Z,29um,22.0s	State Game Lan	71.56 357	P	P	07 43 00.6 +1.4	214A	Organ Pipe Nat	73.78 324	P	P	07 43 14.4 +1.8
FCAR	69.21 342	IAMB	07 42 48.6	N59A	comp=Z,29um,22.0s	State Game Lan	71.56 357	P	P	07 43 00.6 +1.4	214A	Organ Pipe Nat	73.78 324	P	P	07 52 44.9 +3.6
R55A	69.29 353	P	07 42 45.7 +0.3	N59A	comp=Z,29um,22.0s	State Game Lan	71.56 357	P	P	07 43 00.6 +1.4	214A	Organ Pipe Nat	73.78 324	P	P	07 43 13.4 0.0
R55A	69.29 353	IAMB	07 42 50.4	N59A	comp=Z,29um,22.0s	State Game Lan	71.56 357	P	P	07 43 00.6 +1.4	214A	Organ Pipe Nat	73.78 324	P	P	07 43 13.4 0.0
comp=Z,2um,2.0s	P	P	07 42 46.3 +0.6	ACSO	comp=Z,170	Alum Creek Sta	71.57 351	P	P	07 42 59.2 0.0	J56A	Wolcott	73.97 356	P	P	07 43 12.8 -0.6
HENM	69.35 345	P	07 42 46.3 +0.6	ACSO	comp=Z,170	Alum Creek Sta	71.57 351	P	P	07 42 59.2 0.0	J56A	Wolcott	73.97 356	P	P	07 43 14.3 +0.7
P4M0	69.35 344	P	07 42 46.4 +0.6	PAL	comp=Z,170	Palisades	71.57 358	P	P	07 42 59.8 +0.6	J56A	Wolcott	73.97 356	P	P	07 43 36.8
O61A	69.51 357	P	07 42 48.1 +1.5	PAL	comp=Z,178	Palisades	71.57 358	P	P	07 42 59.8 +0.6	J56A	Wolcott	73.97 356	P	P	07 43 13.6 -0.1
O61A	69.51 357	S	07 51 55.0 +3.4	PAL	comp=Z,178	Palisades	71.57 358	P	P	07 42 59.8 +0.6	J57A	Williamstown	74.06 357	P	P	07 43 14.1 +0.2
R53A	69.56 351	P	07 42 47.1 +0.1	121A	comp=Z,178	Cookes Peak, D	71.85 328	P	P	07 52 18.8 +3.3	J57A	Williamstown	74.06 357	P	P	07 43 13.9 0.0
PBMO	69.63 344	P	07 42 47.6 +0.2	YLE	comp=Z,178	Cookes Peak, D	71.85 328	P	P	07 52 18.8 +3.3	J54A	Appleton	74.10 355	P	P	07 43 14.2 +0.1
PBMO	69.63 344	IAMB	07 43 08.2	YLE	comp=Z,178	Cookes Peak, D	71.85 328	P	P	07 52 18.8 +3.3	N38A	Joos South For	74.12 343	P	P	07 43 14.2 -0.2
comp=Z,1um,1.6s	P	P	07 42 46.7 +0.6	YLE	comp=Z,1um,1.3s	Yale	71.86 359	P	P	07 43 01.9 +1.0	CBKS	Cedar Bluff	74.19 337	P	P	07 43 15.5 +0.7
X34A	69.73 337	IAMB	07 42 53.3	YLE	comp=Z,1um,1.3s	Yale	71.86 359	IAMB	IAMB	07 43 01.9 +1.0	CBKS	Cedar Bluff	74.19 337	P	P	07 43 15.7 +0.9
X34A	69.73 337	IAMB	07 42 53.3	YLE	comp=Z,1um,1.3s	Yale	71.86 359	IAMB	IAMB	07 43 01.9 +1.0	CBKS	Cedar Bluff	74.19 337	P	P	07 43 15.6 +0.8
MEH	69.80 261	eP	07 42 51.3 +2.2	KAN114	comp=Z,27um,22.0s	Manchester OR	71.92 338	P	P	07 43 01.8 +0.4	CBKS	Cedar Bluff	74.19 337	P	P	07 43 15.5 +0.7
MEH	69.80 261	eT	08 58 37.6	KAN114	comp=Z,27um,22.0s	Manchester OR	71.92 338	IAMB	IAMB	07 43 01.8 +0.4	CBKS	Cedar Bluff	74.19 337	P	P	07 43 15.9 +1.0
MEH	69.80 261	eT	08 58 37.6	KAN114	comp=Z,27um,22.0s	Manchester OR	71.92 338	IAMB	IAMB	07 43 01.8 +0.4	CBKS	Cedar Bluff	74.19 337	P	P	07 43 15.1 -0.1
U40A	69.42 49.1 +0.3	P	07 42 49.1 +0.3	N54A	comp=Z,926nm,1.5s	Moraine State	71.93 353	P	P	07 43 01.9 +0.5	N54A	Lake County Fo	74.28 347	P	P	07 43 15.1 -0.1
U40A	69.42 49.1 +0.3	S	07 51 56.1 +0.3	N54A	comp=Z,926nm,1.5s	Moraine State	71.93 353	P	P	07 43 01.9 +0.5	N54A	Lake County Fo	74.28 347	P	P	07 52 44.1 -2.2
U40A	69.42 49.1 +0.3	S	07 51 56.1 +0.3	N54A	comp=Z,926nm,1.5s	Moraine State	71.93 353	P	P	07 43 01.9 +0.5	N54A	Lake County Fo	74.28 347	P	P	07 43 14.8 -0.4
R50A	69.86 349	P	07 42 48.5 -0.3	N54A	comp=Z,926nm,1.5s	Moraine State	71.93 353	P	P	07 43 01.9 +0.5	N54A	Lake County Fo	74.28 347	P	P	07 43 19.2
R50A	69.86 349	IAMB	07 42 53.0	M63A	comp=Z,1um,1.7s	Moraine State	71.93 353	P	P	07 43 05.3	T25A	comp=Z,2um,1.9s	74.38 333	P	P	07 43 17.8 +1.6
Q56A	69.95 354	P	07 42 50.2 +0.8	M63A	comp=Z,1um,1.7s	Moraine State	71.93 353	P	P	07 43 05.3	T25A	comp=Z,2um,1.9s	74.38 333	P	P	07 43 17.8 +1.6
Q56A	69.95 354	IAMB	07 42 54.9	KAN117	comp=Z,1um,1.7s	Caldwell West	71.94 338	P	P	07 43 02.0 +0.5	T25A	comp=Z,2um,1.9s	74.38 333	P	P	07 52 52.2 +3.9
R49A	70.01 349	P	07 42 49.3 -0.5	KS20	comp=Z,2um,1.8s	Mayfield South	72.04 338	P	P	07 43 02.8 +0.7	L42A	Oliver Polo	74.46 346	P	P	07 43 16.0 -0.2
T42A	70.03 343	IAMB	07 42 49.8 -0.1	M57A	comp=Z,2um,1.8s	Sunshine Farm,	72.06 356	P	P	07 43 02.8 +0.7	X18A	Snowflake	74.51 328	P	P	07 43 18.1 +1.2
T42A	70.03 343	IAMB	07 42 54.3	M57A	comp=Z,2um,1.8s	Sunshine Farm,	72.06 356	IAMB	IAMB	07 43 02.8 +0.5	I63A	Otisfield	74.58 1 1	IAMB	IAMB	07 43 28.2 +1.3
MNTX	70.08 330	P	07 42 50.2 -0.2	M65A	comp=Z,734nm,1.6s	Busby, Falmout	72.10 1	P	P	07 43 03.0 +0.7	I63A	Otisfield	74.58 1 1	IAMB	IAMB	07 43 40.4
MNTX	70.08 330	S	07 51 59.9 +1.2	M65A	comp=Z,734nm,1.6s	Busby, Falmout	72.10 1	P	P	07 43 03.0 +0.7	LBNH	Lisbon	74.77 360	P	P	07 43 19.2 +1.1
MNTX	70.08 330	S	07 51 59.9 +1.2	M65A	comp=Z,734nm,1.6s	Busby, Falmout	72.10 1	P	P	07 43 03.0 +0.7	LBNH	Lisbon	74.77 360	P	P	07 52 56.1 +4.3
HHAR	70.08 341	IAMB	07 42 55.7	KAN06	comp=Z,181	Argonia West S	72.16 338	P	P	07 43 03.5 +0.7	J47A	Sunmer	74.78 350	P	P	07 43 17.5 -0.6
HHAR	70.08 341	IAMB	07 42 50.1 -0.2	P43A	comp=Z,181	Argonia West S	72.16 338	P	P	07 43 03.5 +0.7	J47A	Sunmer	74.78 350	P	P	07 43 21.9
WCI	70.15 348	P	07 42 50.0 -0.6	N51A	comp=Z,181	Argonia West S	72.16 338	P	P	07 43 03.5 +0.7	N35A	Tabor	74.83 341	P	P	07 43 18.2 -0.2
WCI	70.15 348	P	07 42 50.0 -0.6	N51A	comp=Z,181	Argonia West S	72.16 338	P	P	07 43 03.5 +0.7	N35A	Tabor	74.83 341	P	P	07 43 33.6
WCI	70.15 348	P	07 42 50.0 -0.6	N51A	comp=Z,181	Argonia West S	72.16 338	P	P	07 43 03.5 +0.7	N35A	Tabor	74.83 341	P	P	07 43 33.6
WCI	70.15 348	P	07 42 50.0 -0.6	N51A	comp=Z,181	Argonia West S	72.16 338	P	P	07 43 03.5 +0.7	N35A	Tabor	74.83 341	P	P	07 43 33.6
WCI	70.15 348	P	07 42 50.0 -0.6	N51A	comp=Z,181	Argonia West S	72.16 338	P	P</							

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Table with columns: HOPS, Hopland Field, 84.51 322, P, P, 07 44 12.7 +1.6, 07 44 36.4, etc.

2015 NOV

Table with columns: I05D, Terrebonne, OR, 87.62 327, P, P, 07 44 27.4 +1.0, 07 44 36.4, etc.

7d 7h

Table with columns: PMTG, Montargil, 91.09 44 eP, P, 07 44 42.4 -0.3, 07 44 42.4, etc.

2015 NOV

Table with columns: Station, Frequency, Power, and various status codes. Includes stations like GROG, DOK, SHMA, BILLS, etc.

Table with columns: Station, Frequency, Power, and various status codes. Includes stations like KAPI, KDI, TNG, SBJ, etc.

Table with columns: Station, Frequency, Power, and various status codes. Includes stations like HYB, JMP, EKSZ, AJM, AML, etc.

7d 8h

Table with columns: Station Name, Time, Res, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TPUB Ta-pu, WTP Ta-pu, TWK Hsinying, etc.

ICD 07 08:44:12.2e.0.8, 4.7N:71.42W, h0km, mb3.7/5, mb1 4.1/9, mb1mx3.8/31, mbtmp3.9/9, ML4.1/4, Error ellipse: s-maj=17.8km s-min=9.8km az=152.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, PAMC Pamplona, etc.

2015 NOV

Main table with columns: Station Name, Time, Res, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like RUSC La Rusia, URUC Uribia, BAUV El Baul, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DJA 07 08:45:16.7z.1.0, 8.5S:11x12.5Ez, etc.

ICD 07 08:48:17.8z.5.4, 3.25N:147.83E, h0km, mb3.4/2, mb1 3.7/4, mbtmp3.4/33, mbtmp3.7/4, ML3.6/4, Error ellipse: s-maj=130.4km s-min=25.9km az=168.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YUZH Kuril'sk, YUK Yuzh-Kuril'sk, GRPR Tuman, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like H11S3 WAKE ISLAND Hy 29.84 141 T T 09 26 12.2.

IDC 07 08:54:10.5:2.0, 30.93S:71.51W, h0km, mb3.7/2, mb1 3.9/5, mb1mx3.7/26, mbtmp3.7/5, ML3.6/3, Error ellipse: s-maj=52.6km s-min=42.0km az=23.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO06 Fray Jorge, CO03 El Pedregal, CO03 El Pedregal, CO05 La Serena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACC0 Cerro Coronel, AC04 Llanos de Chal, AC04 Zonda, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAGR Agrelo, G003 Copiap, VCA Vinchina, BO01 Tunca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND Hy26.14 271 T T 11 32 11.4, H11S1 WAKE ISLAND Hy26.15 271 T T 11 32 04.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC BARC, SIQV Siquisique, SMLC San Martin de, BARRC Barranca, San, RUSC La Rusia, etc.

IDC 07 09:00:13.7:2.1, 30.99S:71.64W, h0km, mb4.3/3, mb1 3.9/8, mb1mx3.8/31, mbtmp3.9/8, ML3.4/5, Error ellipse: s-maj=59.0km s-min=30.2km az=103.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TACV Tcaita, HEC Santa Helena, CALC CAICARA DEL OR, GUY2C Guyana, Calsdas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGUA GUANDACOL, AGUA Cerro ARCO, ARCO CERRO ARCO, MT01 Popeta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H03N1 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, AHML Horco Molle, etc.

PRE 07 09:03:08.5:1.4, 26.92S:26.75E, h2km, ML2.8 EAF 07 09:03:12.1:0.8, 26.71S:26.54E, h10km, MD3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRYS Parys, KLOF Kloof, KLOF Kloof, KSR Koster, etc.

FUNV 07 09:07:15.1:8.52N:71.36W, h1km, MW3.0 ISC 07 09:07:11.1:1.5, 8.53N:0.03:71.33W:0.03, h3km, 12km, n16, c129/32, Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOCO Soco, SOCO Soco, SDCV Santo Domingo, SDCV Santo Domingo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like TAMC, ELOV, DABV, etc.

FUNUV 07 09:25:08.7, 8.47N, 71.32W, h4km, MW3.1
ISC 07 09:25:07.9, 1.9, 8.50N, 0.03, 71.32W, 0.03, h8km, 13km,
n19, c1541/32, 1D, Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like SOCV, PAMC, MCQV, etc.

NEIC 07 09:29:27.6, 1.0, 23.4N, 0.1, 94.6E, 0.1, h105km, 9km,
mb4.3/16, Error ellipse: s-maj=24.3km s-min=10.4km
az=222.0

IDC 07 09:29:53.4, 23.43N, 94.62E, h126km, 33km, mb3.7/13,
mb1.3/8.1, mb1mx3.5/3, mbtmp4.0/14, MS4.5/2,
ms1.4/5.2, ms1mx4.0/49, Error ellipse: s-maj=44.7km
s-min=11.3km az=59.0

NDI 07 09:29:30.1, 1.9, 23.64N, 94.42E, h133km, 19km, ML3.9,
mb4.3(NEIC)

ISC 07 09:29:26.4, 0.6, 23.41N, 0.07, 94.44E, 0.06, h99km, n63,
c187/78, mb4.3/20, Myanmar-India border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like IMPH, KOHI, BRDH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like MK31, MKAR, MKAR, etc.

NEIC 07 09:30:59.8, 1.5, 30.93S, 0.04, 71.79W, 0.08, h35km, 5km,
mb4.6/15, ML4.2(GUC), Error ellipse: s-maj=10.1km
s-min=6.0km az=91.0

SJA 07 09:30:59.0, 30.93S, 71.88W, h10km, ML4.2
GUC 07 09:31:00.2, 0.8, 30.92S, 71.58W, h40km, 4km, ML4.2
IDC 07 09:31:01.3, 30.92S, 71.45W, h45km, 27km, mb3.8/7,
mb1.3/8.1, mb1mx3.7/31, mbtmp3.9/11, MS3.5/4, Error
ellipse: s-maj=32.8km s-min=17.0km az=93.0

ISC 07 09:30:59.7, 0.5, 30.91S, 0.03, 71.83W, 0.06, h35km, n105,
c165/102, mb4.4/13, 1C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like CO06, CO03, CO06, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like H03S1, H03S2, AHML, etc.

NEIC 07 09:31:18.3, 1.5, 56.0S, 0.1, 27.6W, 0.2, h117km, 7km,
mb4.8/41, Error ellipse: s-maj=19.4km s-min=12.6km
az=215.0

IDC 07 09:31:19.5, 5.3, 56.00S, 27.54W, h129km, 47km, mb4.3/9,
mb1.4/4.11, mb1mx4.0/28, mbtmp4.7/11, Error ellipse:
s-maj=26.6km s-min=12.8km az=52.0

ISC 07 09:31:17.4, 0.5, 55.97S, 0.08, 27.56W, 0.09, h112km,
n135, c081/131, mb4.8/24, South Sandwich Islands
region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like HOPE, VNA1, VNA3, etc.

ARMA Armidale	33.45 242	P	P	10 12 53.2 -0.4
ARMA		Iamb	Iamb	10 12 55.0
ARMA Armidale	33.45 242	P	P	10 12 53.5 -0.1
RK1H Rockhampton HA	33.53 255	P	P	10 12 53.9 -0.4
TAOE Nuku Hiva Isla	34.15 79	eT	T	10 48 20.8
MGCD Mangrove Creek	34.59 238	P	P	10 13 03.8 +0.4
MGCD Mangrove Creek	34.59 238	P	P	10 13 03.9 +0.5
SYDH Sydney Hard Ro	35.05 237	P	P	10 13 07.9 +0.6
RMQ Roma	35.30 250	P	P	10 13 09.2 -0.5
RMQ Roma	35.30 250	P	P	10 13 09.6 -0.1
CNB Canberra Magne	36.60 235	P	P	10 13 20.4 -0.3
CAN Canberra	36.69 235	P	P	10 13 23.7 +0.6
MILA Mila	37.39 232	P	P	10 13 25.8 -1.0
CTA Charters Tower	37.53 261	P	P	10 13 27.8 -0.9
CTA		sP	sP	10 13 47.6 -0.2
CTA Charters Tower	37.53 261	P	P	10 13 28.5 -0.3
CTAO Charters Tower	37.53 261	P	P	10 13 27.8 -0.9
CTAO		pmx	pmx	
CTAO Charters Tower	37.53 261	P	P	10 13 27.8 -0.9
CTAO Charters Tower	37.53 261	P	P	10 13 28.4 -0.3
CMSA Cobar Meteorol	38.67 242	P	P	10 13 36.8 -1.3
CMSA Cobar Meteorol	38.67 242	P	P	10 13 37.8 -0.3
PMG Port Moresby	38.67 278	P	P	10 13 37.3 -1.0
PMG		sP	sP	10 13 57.3 -0.1
PMG Port Moresby	38.67 278	P	P	10 13 37.5 -0.8
PMG		Iamb	Iamb	10 14 02.1
QLP Quilpie	39.35 250	P	P	10 13 42.5 -1.4
QLP Quilpie	39.35 250	P	P	10 13 42.8 -1.1
MTSU Mount Surprise	39.55 263	P	P	10 13 44.0 -1.6
TOO Toolangi	40.26 233	P	P	10 13 50.1 -1.3
TOO Toolangi	40.26 233	P	P	10 13 50.4 -0.9
TOO		pmx	pmx	
TOO Toolangi	40.26 233	P	P	10 13 50.4 -0.9
TOO		Iamb	Iamb	10 13 52.2
TOO Toolangi	40.26 233	P	P	10 13 51.0 -0.4
TAU Tasmania Unive	40.86 225	P	P	10 13 56.6 +0.4
COEN Coen	41.31 269	P	P	10 13 59.1 -1.1
COEN Coen	41.31 269	P	P	10 13 59.7 -0.5
GRAT Ballarat	41.44 234	P	P	10 14 01.9 +0.3
KHLU Kahalu'u	41.61 26	P	P	10 14 02.9 +0.2
H1N3 WAKE ISLAND HY	42.15 333	T	T	10 59 18.2
H1N1 WAKE ISLAND HY	42.15 333	T	T	10 59 16.2
H1N2 WAKE ISLAND HY	42.15 333	T	T	10 59 24.9
STKA Stephens Creek	42.17 242	P	P	10 14 05.8 -1.2
STKA Stephens Creek	42.17 242	P	P	10 14 05.8 -1.2
STKA Stephens Creek	42.17 242	P	P	10 14 06.4 -0.6
STKA		pmx	pmx	
STKA Stephens Creek	42.17 242	P	P	10 14 06.4 -0.6
STKA Stephens Creek	42.17 242	P	P	10 14 06.3 -0.8
INKA Innaminka	42.52 249	P	P	10 14 09.7 -0.3
ARPS Mount Arapiles	42.86 235	P	P	10 14 12.6 0.0
ARPS Mount Arapiles	42.86 235	P	P	10 14 11.6 -1.0
QIS Mount Isa	43.72 259	P	P	10 14 18.1 -1.7
QIS Mount Isa	43.72 259	P	P	10 14 19.5 -0.3
HTT Hallett	44.61 241	P	P	10 14 25.2 -1.6
HTT Hallett	44.61 241	P	P	10 14 25.6 -1.2
LCKR Leigh Creek	44.90 245	P	P	10 14 28.6 -0.5
TWOA Tennison Woods	45.13 239	P	P	10 14 30.2 -0.6
MAFP Nappary	45.23 241	P	P	10 14 31.1 -0.5
BBOO Buckleboob	46.93 242	P	P	10 14 43.3 -1.8
BBOO Buckleboob	46.93 242	P	P	10 14 43.6 -1.4
BBOO Buckleboob	46.93 242	P	P	10 14 43.7 -1.4
OD Odnadatta	47.00 245	P	P	10 14 45.3 -0.3
MULG Mulgathra	47.46 245	P	P	10 14 55.7 -1.4
WR0 Warramunga Arr	48.41 259	P	P	10 14 55.8 -1.6
WR0		Iamb	Iamb	10 14 57.2
WB0 Warramunga Arr	48.67 259	P	P	10 14 57.0 -1.7
WB2 Warramunga Arr	48.69 259	P	P	10 14 57.4 -1.4
WRAB Tennant Creek	48.69 259	P	P	10 14 56.4 -2.5
WRAB		pmx	pmx	
WRAB Tennant Creek	48.69 259	P	P	10 14 57.3 -1.5
WRAB Tennant Creek	48.69 259	P	P	10 14 57.2 -1.7
WRA Warramunga Arr	48.70 259	P	P	10 14 56.8 -2.2
WRA		sP	sP	10 15 17.8 -0.4
WRA		PcP	PcP	10 16 23.4 -0.2
WRA		ScP	ScP	10 20 15.6 +1.2
WRA		S	S	10 21 49.8 -8.2
WRA		LR	LR	10 34 14.6
WRA Warramunga Arr	48.70 259	P	P	10 14 57.5 -1.4
AS31 Alice Springs	48.74 259	P	P	10 14 58.0 -1.3
ASAR Alice Springs	48.74 254	P	P	10 14 57.8 -1.5
ASAR		sP	sP	10 15 19.3 +0.9
ASAR		PcP	PcP	10 16 23.9 +0.2
ASAR		ScP	ScP	10 20 16.0 +1.5
ASAR		S	S	10 21 52.1 -6.5
ASAR Alice Springs	48.74 254	P	P	10 14 58.1 -1.1
KDU Kakadu	51.75 268	P	P	10 15 20.1 -1.9
KDU Kakadu	51.75 268	P	P	10 15 21.0 -1.0
MTN Mantion Dam	52.99 267	P	P	10 15 29.3 -1.9
MTN Mantion Dam	52.99 267	P	P	10 15 29.6 -1.7
MTN Mantion Dam	52.99 267	P	P	10 15 29.5 -1.7
DARWIN Rock St	53.30 282	P	P	10 15 32.3 -1.2
FORT Forrest	53.66 245	P	P	10 15 34.3 -1.7
FORT Forrest	53.66 245	P	P	10 15 34.7 -1.3
FORT Forrest	53.66 245	P	P	10 15 34.7 -1.3
WRKA Warakurna	53.73 252	P	P	10 15 35.6 -1.1
KNRA Kununurra	54.63 263	P	P	10 15 41.5 -1.7
KNRA Kununurra	54.63 263	P	P	10 15 42.2 -1.0
KNRA Kununurra	54.63 263	P	P	10 15 41.9 -1.3
FAKI Fak Fak	54.78 280	P	P	10 15 43.9 -0.5
FAKI		Iamb	Iamb	10 16 05.5
SWI Sorong	56.43 281	P	P	10 15 56.0 -0.2
FITZ Fitzroy Crossi	57.11 260	P	P	10 16 00.0 -0.9
FITZ Fitzroy Crossi	57.11 260	P	P	10 15 59.7 -1.3
FITZ		Iamb	Iamb	10 16 01.1
FITZ Fitzroy Crossi	57.11 260	P	P	10 16 00.1 -0.9
MISAI Masohi	57.75 278	P	P	10 16 07.0 +1.5

LBMI Labuha	60.02 280	P	P	10 16 21.7 +0.4
SOEI Soe	60.27 269	P	P	10 16 23.6 +0.4
SOEI Soe	60.27 269	P	P	10 16 22.6 -0.5
MOEI Soe	60.27 269	P	P	10 16 20.6 -2.6
SBA Scott Base	60.26 185	P	P	10 16 26.5 +3.9
SBA		pmx	pmx	
SBA Scott Base	60.36 185	P	P	10 16 26.5 +3.9
SBA		Iamb	Iamb	10 16 48.0
VNDA Vanda	60.48 186	P	P	10 16 26.2 +2.8
VNDA Vanda	60.48 186	P	P	10 16 26.6 +3.2
TNTI Ternate	60.64 282	P	P	10 16 25.1 -0.4
BATI Baumata	60.73 268	P	P	10 16 27.8 +1.7
SANI Sanana	60.95 278	P	P	10 16 26.7 -0.9
PSA00 Pilbara Seismi	61.88 255	P	P	10 16 32.4 -1.5
PSA00		Iamb	Iamb	10 16 35.6
PSA00 Pilbara Seismi	61.88 255	P	P	10 16 32.5 -1.3
PSA00		Iamb	Iamb	10 16 34.2 -1.3
PSA00 Pilbara Seismi	61.88 255	P	P	10 16 34.2 -1.9
MEEK Meekatharra	62.24 249	P	P	10 16 34.3 -1.9
MEEK Meekatharra	62.24 249	P	P	10 16 34.2 -1.9
MMRI Maumere	62.50 270	P	P	10 16 37.5 -0.6
MMRI Maumere	62.50 270	P	P	10 16 37.3 -1.9
NWAO Narrogin (SRO)	62.75 242	P	P	10 16 38.4 -1.0
NWAO		P	P	10 16 38.4 -1.0
NWAO Narrogin (SRO)	62.75 242	P	P	10 16 39.1 -0.4
NWAO		pmx	pmx	
NWAO Narrogin (SRO)	62.75 242	P	P	10 16 38.9 -0.6
NWAO		Iamb	Iamb	10 17 05.5
NWAO Narrogin (SRO)	62.75 242	P	P	10 16 39.1 -0.4
NWAO		Iamb	Iamb	10 17 05.5
NWAO Narrogin (SRO)	62.75 242	P	P	10 16 39.1 -0.4
NWAO Narrogin (SRO)	62.75 242	P	P	10 16 39.2 -0.3
EDFI Ende, Flores	62.99 269	P	P	10 16 39.9 -1.6
BLDU Ballardui	63.42 244	P	P	10 16 43.6 -0.4
BLDU Ballardui	63.42 244	P	P	10 16 43.8 -0.2
MUN Mundari	63.70 243	P	P	10 16 45.5 -0.3
MORW Morawa	64.18 246	P	P	10 16 47.6 -1.4
MORW Morawa	64.18 246	P	P	10 16 47.7 -1.3
MORW		Iamb	Iamb	10 16 49.7
MORW Morawa	64.18 246	P	P	10 16 47.2 -1.8
LUWI Luwuk	64.31 278	P	P	10 16 49.6 -0.5
LUWI Luwuk	64.31 278	P	P	10 16 49.1 -1.0
GTOI Gorontalo	64.86 280	P	P	10 16 52.8 +0.5
KAPI Kappang	65.91 273	P	P	10 16 59.8 -0.6
KAPI		pmx	pmx	
KAPI Kappang	65.91 273	P	P	10 16 59.8 -0.6
KAPI		Iamb	Iamb	10 17 13.4
PLAI Plampang	66.69 268	P	P	10 17 04.3 -1.1
PLAI Plampang	66.69 268	P	P	10 17 02.9 -2.5
GIRL Girialia	66.81 253	P	P	10 17 05.5 -0.5
GIRL Girialia	66.81 253	P	P	10 17 05.2 -0.8
GIRL Girialia	66.81 253	P	P	10 17 04.2 -1.9
TOLIZ Tolitoli	66.92 279	P	P	10 17 05.9 -1.0
TOLIZ		Iamb	Iamb	10 17 12.1
TOLIZ Tolitoli	66.92 279	P	P	10 17 06.1 -0.8
CASY Casey	67.58 205	P	P	10 17 10.6 +0.5
JAGI Jajag, Banyuw	70.23 267	P	P	10 17 26.0 -1.6
IMJAR Matsushiro Arr	70.77 321	eP	P	10 17 29.1 -1.3
MAJO Matsushiro	70.78 321	eP	P	10 17 29.7 -0.7
MAJO		pmx	pmx	
MAJO Matsushiro	70.78 321	P	P	10 17 30.1 -0.3
MAT Matsushiro	70.78 321	P	P	10 17 29.8 -0.6
QSPA South Pole Qui	71.79 180	P	P	10 17 38.4 +2.2
QSPA		Iamb	Iamb	10 17 59.8
ERM Erimo	71.86 328	eP	P	10 17 34.7 -2.0
ERM		pmx	pmx	
H06S1 SOCORRO T	72.01 63	T	T	11 35 54.7
SPMM Sapulut	72.21 281	P	P	10 17 41.0 +1.5
UGM Wanagama	73.83 267	P	P	10 17 49.2 +0.1
PMPB Monarch Peak	73.91 42	P	P	10 17 50.1 +0.9
PMPB		Iamb	Iamb	10 18 01.5
MWC Mount Wilson	74.54 45	P	P	10 17 53.0 0.0
MWC		pmx	pmx	
MWC Mount Wilson	74.54 45	P	P	10 17 53.0 0.0
ARVC Arvin	74.54 44	P	P	10 17 53.4 +0.6
KMRM Mali Ridge	74.66 38	P	P	10 17 54.0 +0.6
KMRM		Iamb	Iamb	10 18 00.1
MURC Mount Wilson	74.77 46	P	P	10 17 54.7 +0.6
MURC		P	P	10 17 54.9 +0.7
BFSO Mount Baldy Ra	74.82 46	P	P	10 17 54.9 +0.4
MONP2 Monument Peak	74.91 47	P	P	10 17 55.8 +0.6
EDW2 Edwards Air Fo	74.96 45	P	P	10 17 56.1 +0.8
IKP In-Ko-Pah, Jak	74.99 48	P	P	10 17 56.2 +0.7
ISA Isabella, Lake	75.09 44	P	P	10 17 56.8 +0.7
SLBS Sierra La Lagu	75.12 59	P	P	10 17 58.2 +1.7
SLBS		Iamb	Iamb	10 18 26.2
O02D Mt. Diablo Mer	75.17 38	P	P	10 17 57.6 +1.2
PEA0B Petropavlovsk	75.18 343	iP	P	10 17 56.4 +0.4
PEA0B Petropavlovsk	75.18 343	P	P	10 17 55.8 -0.3
PETK Petropavlovsk	75.18 343	P	P	10 17 55.2 -0.9
PETK		LR	LR	10 46 55.7
PETK Petropavlovsk	75.18 343	P	P	10 17 56.7 +0.7
PETK Petropavlovsk	75.18 343	P	P	10 17 56.7 +0.7
CMB Columbia Colle	75.28 41	P	P	10 17 57.7 +0.6
CMB		pmx	pmx	
CMB Columbia Colle	75.28 41	P	P	10 17 57.6 +0.6
PFO Pinyon Flats O	75.28 47	P	P	10 17 57.8 +0.6
PFO		pmx	pmx	
PFO Pinyon Flats O	75.28 47	P	P	10 17 57.9 +0.6
PFO Pinyon Flats O	75.28 47	P	P	10 17 57.8 +0.6
KRMB Red Mountain	75.40 37	P	P	10 17 58.5 +0.8
KRMB		Iamb	Iamb	10 18 20.9
SBUM Sibiu	75.42 278	P	P	10 18 00.0 +1.7
LRMC Laurel Mtn Rad	75.51 45	P	P	10 17 59.2 +0.7
YSS Yuzh-Sakhalins	75.69 331	eP	P	10 18 00.2 +1.1
YSS		pmx	pmx	
N02D Trinity Center	75.73 38	P	P	10 18 00.7 +1.1
CWC Cottonwood Cre	75.81 44	P	P	10 18 00.8 +0.6

baz=234				
BELC Belle Mtn. Jos	75.82 47	P	P	10 18 01.0 +0.6
BELC				
O03E Paynes Creek	75.83 39	P	P	10 18 00.5 +0.4
MDPB Devils Postpil	75.86 42	P	P	10 18 01.6 +0.9
M02C Callahan	75.91 37	P	P	10 18 01.6 +1.0
L02E Cave Junction	75.99 36	P	P	10 18 01.9 +1.0
GSC Goldstone, Bar	76.00 45	P	P	10 18 01.7 +0.4
BC3 Big Chuckwalla	76.01 47	P	P	10 18 02.0 +0.6
MLAC Mammoth				

7d 10h

EWUT	Wuta	0.20 355	P	Pn	10 30 12.8	+0.1
EWUT	baz=14		S	Sn	10 30 19.8	+0.3
NACB	Ninganchiao	0.20 248	P	Sn	10 30 12.4	-0.3
NACB	baz=247		S	Sn	10 30 18.8	-0.6
TWD	Chiawan	0.25 228	iP	Pn	10 30 13.1	+0.5
TWD	baz=229		iS	Sn	10 30 19.4	+0.4
ETLH	Xulin Townshi	0.29 262	P	Pn	10 30 13.3	+0.5
ETLH	baz=257		S	Sn	10 30 19.5	+0.2
HWA	Hwalien	0.32 213	P	Pn	10 30 13.9	+1.0
HWA	baz=193		S	Sn	10 30 22.3	+3.0
TWC	Suao	0.36 7	iP	Pn	10 30 14.6	+1.3
TWC	baz=20		iS	Sn	10 30 22.2	+2.4
NDS	Dongshan	0.39 349	P	Pn	10 30 14.4	+0.7
NDS	baz=348		S	Sn	10 30 21.9	+1.6
NNSB	Datong	0.42 295	P	Pn	10 30 14.4	+0.2
NNSB	baz=293		S	Sn	10 30 22.3	+1.1
NNS	Nan Shan	0.43 296	iP	Pn	10 30 14.4	+0.2
NNS	baz=294		iS	Sn	10 30 22.5	+1.1
NDT	Datong Townshi	0.44 323	iP	Pn	10 30 14.8	+0.4
NDT	baz=324		iS	Sn	10 30 22.9	+1.6
ENTT	Nioudou	0.44 331	P	Pn	10 30 14.7	+0.3
ENTT	baz=334		S	Sn	10 30 23.1	+1.6
TWE	Neicheng	0.48 346	iP	Pn	10 30 15.4	+0.4
TWE	baz=346		iS	Sn	10 30 23.9	+1.6
WHF	Hehuan Shan	0.50 258	iP	Pn	10 30 15.7	+0.1
WHF	baz=255		iS	Sn	10 30 23.6	+0.3
FUSS	Fushou	0.51 270	iP	Pn	10 30 15.8	+0.2
FUSS	baz=288		iS	Sn	10 30 23.6	+0.3
ESL	Shilin	0.55 218	iP	Pn	10 30 15.2	-0.8
ESL	baz=220		S	Sn	10 30 23.6	-0.3
TWT	Tachien	0.57 270	P	Pn	10 30 16.9	+0.5
TWT	baz=263		S	Sn	10 30 25.5	+0.8
YHNB	Yeheng	0.57 317	P	Pn	10 30 16.2	-0.1
YHNB	baz=320		S	Sn	10 30 24.4	-0.2
NSK	Sanguang	0.58 317	P	Pn	10 30 16.4	-0.2
NSK	baz=320		S	Sn	10 30 25.3	+0.4
TDCB	Techi	0.58 270	P	Pn	10 30 16.9	+0.3
TDCB	baz=264		S	Sn	10 30 25.4	+0.4
NWLT	Wulai	0.59 333	iP	Pn	10 30 16.6	+0.1
NWLT	baz=336		iS	Sn	10 30 25.5	+0.5
CHGB	Renai	0.60 252	P	Pn	10 30 16.9	0.0
CHGB	baz=243		S	Sn	10 30 25.8	+0.3
NTC	Toucheng	0.60 3	iP	Pn	10 30 17.3	+0.6
NTC	baz=236		iS	Sn	10 30 27.2	+2.0
OWD	Renai	0.64 243	iP	Pn	10 30 17.1	-0.2
OWD	baz=236		iS	Sn	10 30 26.6	+0.3
EGFH	Guangfu	0.67 210	iP	Pn	10 30 16.5	-1.1
EGFH	baz=213		iS	Sn	10 30 27.0	+0.2
TIPB	Shuangxi	0.72 2	iP	Pn	10 30 19.1	+0.9
TIPB	baz=1.0		iS	Sn	10 30 30.0	+1.9
NHDH	Xindian Distri	0.75 341	iP	Pn	10 30 18.7	0.0
NHDH	baz=335		iS	Sn	10 30 29.5	+0.6
TWA	Mucha	0.75 345	P	Pn	10 30 18.7	0.0
TWA	baz=338		S	Sn	10 30 30.8	+1.8
TWB1	Santiao Chiao	0.78 13	P	Pn	10 30 19.7	+0.7
TWB1	baz=24		S	Sn	10 30 31.2	+1.8
WHP	Taichung City	0.78 272	iP	Pn	10 30 19.8	+0.7
WHP	baz=271		iS	Sn	10 30 30.4	+0.8
LI0B	Emei	0.81 299	iP	Pn	10 30 20.0	+0.5
LI0B	baz=300		iS	Sn	10 30 31.7	+1.3
NWF	Wu-fen Shan	0.82 359	iP	Pn	10 30 20.2	+0.6
NWF	baz=354		iS	Sn	10 30 31.3	+0.6
NSTT	Nanjuang	0.82 298	P	Pn	10 30 18.5	-1.1
NSTT	baz=298		iS	Sn	10 30 31.3	+0.8
HGSD	Ruisui	0.83 205	P	Pn	10 30 19.8	+0.1
HGSD	baz=209		S	Sn	10 30 32.3	+1.5
WCS	Beigang Elemen	0.83 257	P	Pn	10 30 20.3	+0.5
WCS	baz=254		S	Sn	10 30 31.4	+0.5
EHY	Hungye	0.86 211	P	Pn	10 30 18.7	-1.5
EHY	baz=206		S	Sn	10 30 30.0	-1.5
SMLT	Sun Moon Lake	0.90 246	iP	Pn	10 30 21.1	+0.3
SMLT	baz=236		iS	Sn	10 30 35.2	+2.6
SSLB	Suajlung	0.90 239	P	Pn	10 30 20.7	-0.1
SSLB	baz=234		eS	Sn	10 30 32.8	+0.2
NCUH	Zhongli	0.91 322	iP	Pn	10 30 20.7	-0.1
NCUH	baz=324		iS	Sn	10 30 33.6	+0.9
NCU	National Centr	0.91 322	iP	Pn	10 30 21.0	+0.1
NCU	baz=324		iS	Sn	10 30 33.5	+0.8
TWS1	Kuangyinshan	0.92 338	P	Pn	10 30 20.6	-0.4
TWS1	baz=341		S	Sn	10 30 33.1	+0.3
SBCB	Hsinchu	0.92 306	eP	Pn	10 30 21.4	+0.5
SBCB	baz=307		S	Sn	10 30 35.5	+2.5
YM01	YM01	0.92 347	P	Pn	10 30 20.4	-0.6
YM01	baz=340		S	Sn	10 30 32.6	-0.4
TYC	Yuchr	0.93 248	P	Pn	10 30 21.3	+0.3

TYC	baz=240		S	Sn	10 30 34.3	+1.2
HSN	Hsinchu	0.93 306	S	Sn	10 30 34.2	+0.8
TWQ1	Liuyan	0.94 276	P	Sn	10 30 22.8	+1.5
TWQ1	baz=275		iS	Sn	10 30 34.5	+1.0
NSY	Sanyi	0.96 280	P	Pn	10 30 22.5	+0.9
NSY	baz=279		S	Sn	10 30 35.5	+1.4
NMLH	Miao	0.96 288	P	Pn	10 30 20.4	-1.1
NMLH	baz=287		S	Sn	10 30 34.8	+0.8
NTST	Danshui	0.96 341	eS	Sn	10 30 34.8	+0.7
NTST	baz=344		S	Sn	10 30 20.0	-1.6
YULB	Yu-li	0.97 208	P	Pn	10 30 20.0	-1.6
YULB	baz=203		S	Sn	10 30 33.0	-1.2
EYUL	Yuli	1.00 206	P	Pn	10 30 21.4	-0.7
EYUL	baz=209		eS	Sn	10 30 34.6	-0.3
TCU	Taichung	1.03 265	P	Pn	10 30 22.1	-0.4
TCU	baz=275		S	Sn	10 30 37.0	+1.4
WDJ	Dajia District	1.06 276	P	Pn	10 30 22.8	-0.1
WDJ	baz=275		iS	Sn	10 30 37.0	+0.6
JYNG	Yonagunijimaku	1.06 79	P	Pn	10 30 23.4	+0.5
JYNG	baz=81		eS	Sn	10 30 37.7	+1.2
WJS	Zhushan	1.07 247	iP	Pn	10 30 23.8	+0.8
WJS	baz=244		iS	Sn	10 30 39.2	+2.6
WNT	Mingjin	1.08 250	P	Pn	10 30 24.5	+1.3
WNT	baz=248		S	Sn	10 30 39.8	+2.8
YOJ	Yonaguni jima	1.13 79	P	Pn	10 30 23.8	+0.1
YOJ	baz=81		S	Sn	10 30 39.3	+1.3
YOJ	Yonaguni jima	1.13 79	P	Pn	10 30 24.0	+0.2
YOJ	baz=81		eS	Sn	10 30 38.8	+0.8
ALS	Alishan	1.17 231	iP	Pn	10 30 25.5	+0.8
ALS	baz=219		iS	Sn	10 30 41.2	+1.6
CHKT	Chengkung	1.21 199	iP	Pn	10 30 25.8	+0.8
CHKT	baz=183		iS	Sn	10 30 41.4	+1.3
CHNS	Tsauling	1.21 238	P	Pn	10 30 25.8	+0.7
CHNS	baz=234		S	Sn	10 30 43.2	+2.9
ELDTW	Lidau	1.28 214	iP	Pn	10 30 25.6	-0.4
ELDTW	baz=201		iS	Sn	10 30 41.5	-0.4
WDLH	Douliu	1.28 244	iP	Pn	10 30 26.8	+0.9
WDLH	baz=242		iS	Sn	10 30 45.0	+3.1
WRL	Guolierin Hig	1.34 255	P	Pn	10 30 26.8	0.0
WRL	baz=254		S	Sn	10 30 43.6	+0.2
EDH	Donghe	1.35 200	P	Pn	10 30 26.4	-0.5
EDH	baz=194		iS	Sn	10 30 43.8	+0.2
WTK	Tuku	1.41 247	iP	Pn	10 30 27.6	-0.1
WTK	baz=259		iS	Sn	10 30 46.8	+1.9
CHN4	Tsaulshan	1.42 231	P	Pn	10 30 27.4	-0.5
CHN4	baz=227		S	Sn	10 30 47.2	+1.9
STYH	Taoyuan	1.43 221	P	Pn	10 30 28.8	+0.9
STYH	baz=217		S	Sn	10 30 45.9	+0.5
TPUB	Ta-pu	1.43 229	P	Pn	10 30 28.6	+0.6
TPUB	baz=215		S	Sn	10 30 47.8	+2.2
CHY	Chiayi	1.46 240	S	Sn	10 30 49.5	+3.1
LONT	Longtan	1.47 205	eP	Pn	10 30 27.7	-0.8
LONT	baz=189		eS	Sn	10 30 45.5	-1.1
WTP	Ta-pu	1.48 228	iP	Pn	10 30 29.9	+1.3
WTP	baz=223		iS	Sn	10 30 49.5	+2.8
TWK	Hsinying	1.55 231	P	Pn	10 30 30.6	+1.0
TWK	baz=228		S	Sn	10 30 51.4	+2.8
TWG	Pinlang	1.57 205	iP	Pn	10 30 27.3	-2.6
TWG	baz=188		iS	Sn	10 30 46.8	-2.2
TWGBT	Beinan	1.57 205	P	Pn	10 30 28.6	-1.3
TWGBT	baz=188		S	Sn	10 30 47.0	-2.0
SNST	Tainan City	1.57 230	P	Pn	10 30 31.0	+1.0
SNST	baz=226		S	Sn	10 30 52.2	+3.2
CHN1	Nanshi	1.57 228	iP	Pn	10 30 31.0	+1.0
CHN1	baz=223		iS	Sn	10 30 51.2	+2.0
LDUT	Ludao	1.60 191	eP	Pn	10 30 29.1	-1.1
LDUT	baz=177		S	Sn	10 30 48.9	-0.7
SGST	Jiashian	1.61 224	P	Pn	10 30 30.6	+0.1
SGST	baz=211		S	Sn	10 30 51.7	+1.7
SLGT	Liugui	1.64 220	iP	Pn	10 30 32.0	+1.2
SLGT	baz=206		iS	Sn	10 30 53.8	+3.1
CHN8	Yiju	1.71 239	eS	Sn	10 30 56.1	+3.6
IRIF	Iriomote-Funau	1.76 87	P	Pn	10 30 31.7	-0.8
IRIF	baz=223		S	Sn	10 30 53.5	-0.3
SSD	Sandimen	1.84 216	iP	Pn	10 30 35.4	+1.8
SSD	baz=223		iS	Sn	10 30 56.6	+0.9
HATJ	Hateruma jima	1.84 96	P	Pn	10 30 33.5	-0.1
HATJ	baz=207		eS	Sn	10 30 57.3	+1.6
MASBT	Mashibuloo	1.95 214	P	Pn	10 30 35.9	+0.7
MASBT	baz=207		S	Sn	10 30 59.4	+1.0
JKRS	Kuro-shima	2.02 90	P	Pn	10 30 37.1	+1.1
JKRS	baz=194		S	Sn	10 31 01.3	+1.3
EAST	Anshuo	2.05 205	P	Pn	10 30 36.8	+0.2
EAST	baz=194		eS	Sn	10 31 00.9	0.0
JIJ	Ishigaki jima	2.14 86	P	Pn	10 30 37.9	+0.2
JIJ	baz=194		S	Sn	10 31 02.4	-0.7
SCZT	Fangliu	2.16 210	eS	Sn	10 31 07.3	+3.8
PHUB	Peng-hu	2.17 251	P	Pn	10 30 35.7	-2.3
PHUB	baz=249		S	Sn	10 31 01.9	-1.8
LAY	Lan-yu	2.21 186	eS	Sn	10 31 03.9	-1.0
LAY	baz=175		S	Sn	10 30 40.3	+1.4
SLIU	Shizi	2.22 205	P	Pn	10 30 40.3	+1.4

JISG	Ishigakijimahi	2.31 81	P	Pn	10 30 40.7	+0.6
JISG	baz=197		eS	Sn	10 31 07.6	+0.3
VCHM	Qimei	2.41 245	P	Sn	10 30 40.3	-1.1
VCHM	baz=243		S	Sn	10 30 49.2	-0.4
MATB	Ma-tsu	2.53 319	P	Pn	10 30 42.4	-0.7
MATB	baz=318		eS	Sn	10 31 10.2	-2.5
PTMZ	Houxiangcun	2.56 288	P	Pn	10 30 42.1	-1.4
PTMZ	baz=288		eS	Sn	10 31 09.3	-4.1
LYJG	Jianjiangzhen	2.94 322	eS	Sn	10 31 20.7	-2.1
XPSS	Dashiqu	3.04 332	eP	Pn	10 30 48.3	-1.7
XPSS	baz=331		eS	Sn	10 31 21.9	-3.3
MHZO	Yeshan	3.11 307	eS	Sn	10 31 23.5	-3.5
MHZO	baz=305		eP	Sn	10 30 51.0	-0.1
KNMB	Chin-men Tao	3.12 275	eP	Sn	10 31 25.0	-0.7
KNMB	baz=275		eS	Sn		

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like BO02 Sierra Bellavi, ACLA CERRO LA CRUZ, ACHE PUNTA DE LOS L, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like NBMA Puerto CI, BAPU Baul, MIBT Obispo Ponce, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like G004 Tololo Observa, G004 Tololo Observa, G004 Catalipco, etc.

HEL 07 10:48:57.6±0.4, 61°51'N, 34°65'E, h0km, ML1.3, Explosion, Baltic States-Belarus-Northwestern Russia

NOU 07 10:50:42.1, 177°54'S, 168°39'E, h118km, ML4.4/6, Vanuatu Islands

ISC 07 10:50:43.2±14.0, 177°82'S, 167°18'E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/26, mbtmp3.7/4, ML3.3/1, MS5.4/1, Ms1 4.4/1, ms1mx3.4/46, Error ellipse: s-maj=239.5km s-min=39.0km az=69.0

ISC 07 10:51:56.3±18.0, 177°25'S, 166°13'E, h0km, mb4.0/3, mb1 4.1/4, mb1mx3.6/26, mbtmp3.9/4, ML3.5/1, Error ellipse: s-maj=330.3km s-min=46.4km az=53.0, Vanuatu Islands

SJA 07 10:53:39.5±0.8, 30.725°S:71.68W, h18km, 3km, ML5.9, MW5.5
 MOS 07 10:53:39.0±0.9, 30.745°S:71.41W, h22km, mb5.9/51, MS5.1/18, Error ellipse: s-maj=13.8km s-min=5.8km az=93.8
 GUC 07 10:53:42.8±1.1, 30.725°S:71.37W, h48km, 9km, ML6.0, MW5.8
 NEIC 07 10:53:44.1, 30.735°S:71.39W, h53km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mrr:1.68; Mθθ:1.45; Mφφ:0.23; Mrr:0.13; Mθθ:0.19; Mφφ:0.25; Fault plane solution: Ms3.16000×10¹⁷, NPl1=349.00000°, P1=168.42000°, S1=379.50000°, NPl2=305.77000°, S2=14.50000°, P2=148.23000°. Principal axes: T 3.6385, Plg55.0000°, Azm90.0000°, N -1.3863, Plg9.0000°, Azm347.0000°; P -2.2522, Plg34.0000°, Azm250.0000°.

NEIC 07 10:53:44.30.93S:71.34W, h40km, Moment Tensor Solution. Duration: 12s0. Moment tensor: Scale 10¹⁷Nm; Mrr:3.58; Mθθ:0.19; Mφφ:3.76; Mrr:0.16; Mθθ:0.50; Mφφ:2.39; Fault plane solution: Ms4.41000×10¹⁷, NPl1=9.00000°, S1=329.00000°, NPl2=93.00000°, P2=185.00000°, Azm1.00000°, Mrr:0.00000°. Principal axes: T 4.2843, Plg37.0000°, Azm91.00000°, N 0.2461, Plg2.00000°, Azm186.00000°; P -4.5304, Plg16.00000°, Azm277.00000°.

NEIC 07 10:53:44.2±1.3, 30.725°S:71.39W, h42km, 1km, mb5.9/283, Ms 2.0±3.96, Mrr5.6/47, MW5.7, ML6.0(GUC), Mw5.5(GCMT) Error ellipse: s-maj=12.1km s-min=6.2km az=90.0
 VAO 07 10:53:44.0±0.2, 30.725°S:71.11W, h38km, mb5.8
 GCMT 07 10:53:48.2±0.2, 30.885°S:01:71.71W, 0.02, h45km, MW5.8/119, Moment Tensor Solution. s99,c147, s119,c187. Duration: 1s9. Moment tensor: Scale 10¹⁷Nm; Mrr:4.70±1.4; Mθθ:0.38±0.9; Mφφ:5.08±0.9; Mrr:0.19±0.8; Mθθ:0.82±0.6; Mφφ:2.64±1.1; Best double couple: Ms6.61400×10¹⁷, NPl1=349.00000°, S1=1.00000°, P1=186.00000°. NPl2=374.00000°, S2=0.00000°, P2=0.00000°. Principal axes: T 5.3670, Plg76.0000°, Azm91.00000°; N 0.4970, Plg2.00000°, Azm353.00000°; P -5.8620, Plg14.00000°, Azm262.00000°. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 07 10:53:48.30.88S:71.73W, h46km, Moment Tensor Solution. Duration: 3s6. Moment tensor: Scale 10¹⁷Nm; Mrr:4.30; Mθθ:0.56; Mφφ:4.86; Mrr:0.19; Mθθ:0.52; Mφφ:3.14; Fault plane solution: Ms5.60000×10¹⁷, NPl1=375.00000°, S1=328.00000°, P1=188.00000°. NPl2=351.00000°, S2=174.00000°, P2=181.00000°. Principal axes: T 5.2719, Plg73.00000°, Azm98.00000°, N 0.6101, Plg1.00000°, Azm355.00000°; P -5.8820, Plg17.00000°, Azm265.00000°.

ISC 07 10:53:42.0±0.5, 30.725°S:71.36W, 0.03, h33km, 3km, h33km; p-P, N1096, e1441/1092, mb5.9/198, MS5.3/89, 375C-69D, Fault plane solution: NPl1=353.51611°, S1=44.23823°, NPl2=110.73191°, P2=145.66817°, S2=49.27200°, T=170.98064°. Principal axes: T Plg75.4590°, Azm349.0595°; N Plg14.2979°, Azm158.3436°; P Plg2.5928°, Azm249.0049°; Near coast of central Chile

Code	Station Name	Δ°	Z°	Phase ID	h	ISC	Time	Res
CO06	Fray Jorge	0.24	281	fP	Pn		10 53 51.4+2.2	
CO06	Fray Jorge	0.24	281	fP	Pn		10 53 51.5+2.2	
CO06	Fray Jorge	0.24	281	fP	Pn		10 53 51.7+2.2	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 56.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 56.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 57.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 58.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 59.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 60.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 61.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 62.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 63.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 64.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 65.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 66.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 67.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.2+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.3+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.4+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.5+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.6+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.7+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.8+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 68.9+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 69.0+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 69.1+2.6	
CO03	El Pedregal	0.59	102	iP	Sb		10 53 69.2+2.6	
CO03								

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SJCC, NBPA, BRU2, NBCL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SBA, Scott Base, SBA, SBA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OK031, S. Brethren Rd, OK031, OK031, etc.

7d 10h

ERPA	Erie	72.91	353	P	P	11 05 08.0	+0.4
TUC	Tucson	72.97	326	P	Pmax	11 05 09.0	+0.6
TUC	Tucson	72.97	326	P	Pmax	11 05 09.6	+1.2
TUC	Tucson	72.97	326	P	P	11 05 08.9	+0.6
K62A	Royalston	73.03	359	I	Iamb	11 05 09.5	+1.1
WVNY	West Valley, N	73.07	354	P	P	11 05 09.4	+0.8
TRY	Troy	73.12	358	P	Iamb	11 05 10.1	+1.2
ANMO	Albuquerque	73.20	330	LR	LR	11 33 10.6	
ANMO	Albuquerque	73.20	330	P	P	11 05 11.3	+1.5
ANMO	Albuquerque	73.20	330	P	Pmax	11 05 11.4	+1.6
ANMO	Albuquerque	73.20	330	P	IAMs_20	11 05 10.9	+1.1
LIC	Lamto	73.21	72	eP	P	11 05 10.3	+0.2
KSU1	Kansas State U	73.33	340	P	P	11 05 10.4	+0.1
TIC	Toumouli	73.45	72	eP	P	11 05 11.8	+0.3
KIC	Kosan Boka	73.52	72	eP	P	11 05 12.2	+0.3
AAM	Ann Arbor	73.54	351	P	P	11 05 11.2	-0.1
DBIC	Dimbokro	73.60	72	P	P	11 05 12.9	+0.5
DBIC	Dimbokro	73.60	72	P	LR	11 35 03.7	
214A	Organ Pipe Nat	73.68	324	P	P	11 05 14.3	+1.8
CBK5	Cedar Bluff	74.06	337	P	Pmax	11 05 15.2	+0.6
CBK5	Cedar Bluff	74.06	337	P	Pmax	11 05 15.6	+1.1
CBK5	Cedar Bluff	74.06	337	P	Iamb	11 05 15.2	+0.6
CBK5	Cedar Bluff	74.06	337	P	Iamb	11 05 16.9	
L44A	Lake County Fo	74.12	347	P	P	11 05 14.7	-0.1
T25A	Trinidad	74.26	333	P	P	11 05 17.8	+1.7
T25A	Trinidad	74.26	333	P	Iamb	11 05 17.4	+1.3
L42A	Oliver, Poto	74.31	346	P	Iamb	11 05 16.1	+0.3
LBNH	Libson	74.60	360	P	P	11 05 19.0	+1.5
N35A	Tabor	74.69	341	P	P	11 05 18.4	+0.3
W18A	Petrified Fore	74.79	328	P	P	11 05 20.6	+1.5
SCIA	State Center	75.03	343	P	P	11 05 20.5	+0.5
LON9	Lake Ozonia	75.04	358	P	P	11 05 20.9	+0.9
SDCO	Great Sand Dun	75.22	333	P	P	11 05 23.1	+1.5
KSCO	Keye Sheddok	75.24	335	P	P	11 05 23.0	+1.5
KSCD	Keye Sheddok	75.24	335	P	P	11 05 22.6	+1.1
JFWS	Jewell Farm	75.30	346	P	Pmax	11 05 22.1	+0.5
JFWS	Jewell Farm	75.30	346	P	Pmax	11 05 21.9	+0.3
JFWS	Jewell Farm	75.30	346	P	Iamb	11 05 22.1	+0.5
SADO	Sadowa	75.46	354	P	P	11 05 22.7	+0.2
SADO	Sadowa	75.46	354	P	Iamb	11 05 24.1	
PLV0	Plevna	75.58	356	P	P	11 05 24.2	+1.1
G62A	West of Eustis	75.58	356	P	Iamb	11 05 24.1	+1.0
G62A	West of Eustis	75.58	356	P	Iamb	11 05 26.0	
GLA	Glamis	75.58	323	P	Pmax	11 05 24.5	+1.0
GLA	Glamis	75.58	323	P	Pmax	11 05 25.1	+1.6
GLA	Glamis	75.58	323	P	Iamb	11 05 24.5	+1.0
GLA	Glamis	75.58	323	P	P	11 05 39.3	
GGN	Saint George	75.59	3	P	P	11 05 24.3	+1.1
DCC	Deer Creek	75.59	3	P	Iamb	11 05 24.4	
K38A	Parkersburg	75.62	344	P	P	11 05 24.0	+0.6
K38A	Parkersburg	75.62	344	P	Iamb	11 05 24.7	
PKME	Peaks-Kenny Pk	75.65	2	P	P	11 05 24.7	+1.3
S22A	4UR Ranch, Cre	75.75	332	P	P	11 05 26.3	+1.6
WUAZ	Wupatki	75.87	327	P	P	11 05 27.1	+1.8
WUAZ	Wupatki	75.87	327	P	P	11 05 27.0	+1.8
WUAZ	Wupatki	75.87	327	P	Iamb	11 05 42.2	
RMX	La Rumorosa	75.88	322	P	P	11 05 26.1	+0.8
RMX	La Rumorosa	75.88	322	P	Iamb	11 05 41.9	
MNTQ	Montreal, Queb	75.89	358	P	P	11 05 25.8	+0.9
MNTQ	Montreal, Queb	75.89	358	P	Iamb	11 05 45.9	
L34A	Svendsen Farm	75.92	341	P	P	11 05 25.4	+0.2
BGNE	Belgrade	75.92	340	P	P	11 05 26.0	+0.8
BGNE	Belgrade	75.92	340	P	P	11 05 26.1	+0.8
SUR	Sutherland	75.92	319	P	P	11 05 27.1	+1.2
IKP	In-Ko-Pah, Jac	75.93	322	P	P	11 05 27.4	+1.8
CBX	Cerro Bola	75.97	327	P	P	11 05 26.7	+0.9
I42A	Draeger Farm,	75.97	347	P	P	11 05 26.2	+0.8
I42A	Draeger Farm,	75.97	347	P	Iamb	11 05 27.1	
MVCO	Mesa Verde	75.99	330	P	P	11 05 27.4	+1.4
MVCO	Mesa Verde	75.99	330	P	IAMs_20	11 34 51.1	
MVCO	Mesa Verde	75.99	330	P	IAMs_20	11 05 27.5	+1.4
SWSC	Sam W. Stewart	76.00	323	P	P	11 05 27.6	+1.7
F63A	Nahmakanta, Br	76.09	2	P	P	11 05 27.5	+1.5
F63A	Nahmakanta, Br	76.09	2	P	Iamb	11 05 47.8	
TKX	Tecate	76.13	322	P	P	11 05 28.1	+1.4
Q24A	Divide	76.14	333	P	P	11 05 28.5	+1.6
GLMI	Graying	76.15	350	P	P	11 05 26.4	0.0
GLMI	Graying	76.15	350	P	P	11 05 26.7	+0.3
GLMI	Graying	76.15	350	P	Iamb	11 05 27.7	
MAW	Mawson	76.15	164	P	P	11 05 26.7	+0.4
MAW	Mawson	76.15	164	P	LR	11 41 04.1	
MAW	Mawson	76.15	164	P	P	11 05 26.9	+0.6
PDMC	Parker Dam, Lak	76.23	325	P	P	11 05 28.5	+1.4
F62A	Barrett	76.25	322	P	P	11 05 27.7	+0.4
F62A	Pittston Farm,	76.27	1	P	P	11 05 28.4	+1.3
F64A	Sherman	76.27	2	P	Iamb	11 05 29.9	
F64A	Sherman	76.27	2	P	Iamb	11 05 28.1	+1.1
MONP2	Monument Peak	76.29	322	P	P	11 05 29.3	+1.6
H43A	Windswept, Lux	76.31	348	P	Iamb	11 05 27.6	+0.3
H43A	Windswept, Lux	76.31	348	P	Iamb	11 05 28.9	
I40A	Norwalk	76.31	346	P	P	11 05 27.4	0.0
I40A	Norwalk	76.31	346	P	Iamb	11 05 28.9	

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BC3	Big Chuckawall	76.38	323	P	P	11 05 29.8	+1.7
IRM	Iron Mountain	76.62	324	P	P	11 05 31.0	+1.6
TRQ	Mont Tremblant	76.64	358	P	Iamb	11 05 29.6	+0.4
TRQ	Mont Tremblant	76.64	358	P	Iamb	11 05 31.0	
109C	Camp Elliot, M	76.65	322	P	P	11 05 31.0	+1.5
109C	Camp Elliot, M	76.65	322	P	P	11 05 30.4	+0.9
W13A	Hualapai Mount	76.73	325	P	P	11 05 31.5	+1.2
OGNE	Ogallala	76.75	337	P	P	11 05 31.1	+1.0
OGNE	Ogallala	76.75	337	P	P	11 05 31.3	+1.0
OGNE	Ogallala	76.75	337	P	Iamb	11 05 46.4	
NEE2	Needles Airport	76.83	325	P	P	11 05 31.9	+1.4
TPFO	Pinon Flats	76.86	323	P	P	11 05 32.8	+2.0
PFO	Pinon Flats O	76.87	323	P	Pmax	11 05 32.1	+1.2
PFO	Pinon Flats O	76.87	323	P	Pmax	11 05 32.8	+1.9
PFO	Pinon Flats O	76.87	323	P	P	11 05 32.1	+1.2
BE1C	Belle Mtn, Jos	76.93	323	P	P	11 05 33.0	+1.7
E62A	Clayton Lake	77.00	1	P	Iamb	11 05 32.2	+1.1
E62A	Clayton Lake	77.00	1	P	Iamb	11 05 34.0	
SMCO	Snowmass	77.03	332	P	P	11 05 33.6	+1.5
SMCO	Snowmass	77.03	332	P	Iamb	11 05 35.4	
ISCO	Idaho Springs	77.04	334	P	Pmax	11 05 33.3	+1.4
ISCO	Idaho Springs	77.04	334	P	Pmax	11 05 33.4	+1.4
ISCO	Idaho Springs	77.04	334	P	P	11 05 33.4	+1.4
ISCO	Idaho Springs	77.04	334	P	Iamb	11 05 33.3	+1.4
ISCO	Idaho Springs	77.04	334	P	Iamb	11 05 48.6	
U15A	North Rim	77.04	327	P	P	11 05 33.5	+1.5
I37A	Lemond, Waseca	77.06	344	P	P	11 05 31.6	0.0
PQI	Presque Isle	77.07	2	P	P	11 05 32.9	+1.2
PQI	Presque Isle	77.07	2	P	Iamb	11 05 34.3	
K31A	O'Neill	77.21	340	P	P	11 05 34.3	+0.9
MURC	Murrieta	77.24	322	P	P	11 05 34.8	+1.8
GMRC	Granite Mount	77.37	324	P	P	11 05 35.4	+1.7
D62A	Alliport, Alta	77.47	2	P	P	11 05 35.1	+1.4
WIN	Windhoek	77.57	109	P	Pmax	11 05 35.9	+0.6
WIN	Windhoek	77.57	109	P	Pmax	11 05 35.9	+0.6
WIN	Windhoek	77.57	109	P	Iamb	11 05 37.5	
WIN	Windhoek	77.57	109	P	Iamb	11 05 39.2	+2.0
BBRC	Big Bear Solar	77.61	323	P	P	11 05 37.2	+2.0
E46A	Sault Ste Mari	77.62	351	P	P	11 05 35.2	+0.6
ECS0	EROS Data Cent	77.62	342	P	P	11 05 35.2	+0.5
ECS0	EROS Data Cent	77.62	342	P	P	11 05 35.2	+0.5
ECS0	EROS Data Cent	77.62	342	P	P	11 05 35.2	+0.5
CIS	Catalina Island	77.74	321	P	P	11 05 37.3	+1.6
HEC	Hector, Ludlow	77.75	323	P	P	11 05 37.7	+2.0
BATG	Bathurst New B	77.78	4	P	Iamb	11 05 36.6	+1.1
BATG	Bathurst New B	77.78	4	P	Iamb	11 05 56.2	
LMQ	La Malbaie	77.91	1	P	P	11 05 37.3	+1.1
LMQ	La Malbaie	77.91	1	P	Iamb	11 05 38.5	
FMP	Fort Macarthur	77.92	321	P	P	11 05 38.3	+1.8
FMP	Fort Macarthur	77.92	321	P	P	11 05 38.3	+1.8
LCMT	Little Creek M	77.96	327	P	P	11 05 38.5	+1.5
BFSC	Mount Baldy Ra	77.98	322	P	P	11 05 38.5	+1.4
TUQ	Turquoise Moun	78.02	324	P	P	11 05 39.0	+1.7
E43A	Lone Tree Farm	78.03	349	P	Iamb	11 05 37.5	+0.6
E43A	Lone Tree Farm	78.03	349	P	Iamb	11 05 38.6	
SPMN	Marine on St.	78.06	345	P	P	11 05 37.1	0.0
SPMN	Marine on St.	78.06	345	P	P	11 05 37.1	0.0
SPMN	Marine on St.	78.06	345	P	Iamb	11 05 38.3	
N23A	Red Feather La	78.11	334	P	P	11 05 39.4	+1.5
RRX	Edison Barstow	78.13					

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like M04C Macdoel, KHZ Kahutara, BMO Blue Mountains, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like EVO Evora, B06A Marblemont, B05A Bryant, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MILM Milestii Mici, KIS Kishinev, NACGM Naroch, etc.

Table with columns: GEYT, ALibeck, 138.08, 66, PKP, PKPpdf, 11 13 02.4 -1.1, etc. Lists various stations and their associated data points.

Table with columns: SHLS, baz=54, ePP, PP, 11 17 25.8 +0.7, etc. Lists various stations and their associated data points.

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

DJA 07 10:58:28.6, 1.2, 0.0N, 111.98E, h43km, 99km, M4.3/4, mb5.4/1, mB5.5/1, MLV3.7/4, Mw(mB)4.9/1, Northern

Z35A	comp=Z,518nm,1.0s	Iamb_Lg	11 13 54.9		
Z35A	Perchaven, San	3.63 172 P	Pn	11 12 50.8 +1.2	
Z35A	baz=352	S	Sn	11 13 34.8 +2.6	
S39A	Bolivar	3.69 77	Pn	11 12 51.5 +1.0	
S39A	comp=Z,1um,0.8s	Iamb_Lg			
S39A	Bolivar	3.69 77 P	Pn	11 12 51.2 +0.8	
AMTX	Amarillo	3.72 238	Pn	11 12 52.9 +2.0	
AMTX	baz=55	Pb	Pb	11 13 02.1 +2.8	
AMTX	baz=55	Sb	Sb	11 13 49.7 -3.5	
AMTX	Amarillo	3.72 238	Pn	11 12 53.2 +2.3	
AMTX	comp=Z,546nm,0.9s	Iamb_Lg			
AMTX	Amarillo	3.72 238 P	Pn	11 12 52.9 +2.0	
W39A	Magazine	3.73 117	Pn	11 12 52.0 +1.1	
W39A	baz=299	Pb	Pb	11 13 01.1 +1.7	
W39A	baz=299	Sb	Sb	11 13 48.4 +4.0	
W39A	Magazine	3.73 117	Pn	11 12 52.3 +1.4	
W39A	Magazine	3.73 117 P	Pn	11 12 52.0 +1.1	
N33B	J Bar K, Exete	3.81 5 P	Pn	11 12 52.7 +0.6	
N33A	J Bar K, Exete	3.81 5 P	Pn	11 12 52.7 +0.6	
N33A	baz=185,SNR=67	Iamb_Lg			
N33A	comp=Z,1um,1.0s	Iamb_Lg			
U40A	Yellville	4.06 97 P	Pn	11 12 56.6 +1.0	
U40A	baz=280,SNR=97	S	Sn	11 13 43.6 +6.0	
U40A	baz=280	Pn	Pn	11 12 56.4 +0.8	
U40A	Yellville	4.06 97 P	Pn	11 12 56.7 +1.1	
U40A	baz=280,SNR=180	P	Pn	11 12 56.7 +1.1	
MIAR	Mount Ida	4.22 123 P	Pn	11 12 59.5 +1.8	
MIAR	baz=306,SNR=56	Sb	Sg	11 14 04.3 -4.9	
MIAR	Mount Ida	4.22 123 Pn	Pn	11 12 59.8 +2.1	
MIAR	comp=Z,2um,0.7s	Iamb_Lg			
MIAR	Mount Ida	4.22 123 P	Pn	11 12 58.6 +1.0	
N35A	Tabor	4.28 23 P	Pn	11 12 59.5 +0.9	
N35A	baz=204,SNR=115	P	Pn	11 12 59.5 +0.9	
N35A	baz=204	S	Sg	11 14 07.4 -3.9	
KSCO	Kaye Shedlock	4.30 300 P	Pn	11 13 00.4 +1.4	
KSCO	baz=117,SNR=25	Pn	Pn	11 13 00.3 +1.4	
KSCO	Kaye Shedlock	4.30 300	Iamb_Lg	11 14 14.4	
KSCO	comp=Z,918nm,1.1s	Iamb_Lg			
KSCO	Kaye Shedlock	4.30 300 P	Pn	11 13 00.3 +1.4	
KSCO	baz=117,SNR=70	S	Sg	11 14 08.8 -3.1	
P38A	Dawn	4.33 50 Pn	Pn	11 13 00.1 +0.8	
P38A	baz=233,SNR=149	4.33 50	Pn	11 13 00.4 +1.1	
Z38A	Mt. Pleasant	4.36 146 Pn	Pn	11 13 00.7 +1.1	
Z38A	Mt. Pleasant	4.36 146 Pn	Pn	11 13 00.6 +1.0	
BGNE	Belgrade	4.47 357 P	Pn	11 13 02.5 +1.3	
BGNE	baz=177,SNR=48	Pn	Pn	11 13 01.9 +0.6	
BGNE	baz=177,SNR=48	Iamb_Lg			
BGNE	comp=Z,2um,0.8s	Iamb_Lg			
BGNE	Belgrade	4.47 357 P	Pn	11 13 02.5 +1.3	
MGMO	Mountain Grove	4.47 86 P	Pn	11 13 02.5 +1.3	
ABTX	Ablene, Hawle	4.54 199 P	Pn	11 13 02.9 +0.6	
ABTX	baz=18,SNR=18	S	Sn	11 13 56.0 +1.1	
ABTX	Ablene, Hawle	4.54 199 Pn	Pn	11 13 02.8 +0.6	
ABTX	Ablene, Hawle	4.54 199 P	Pn	11 13 02.7 +0.5	
R40A	Maddies Statio	4.64 71 Pn	Pn	11 13 04.1 +0.7	
R40A	Maddies Statio	4.64 71 Pn	Pn	11 13 04.3 +0.8	
FCAR	Czark Folk Cen	4.74 101 Pn	Pn	11 13 06.3 +1.4	
X40A	Basin Creek Fa	4.76 119 Pn	Pn	11 13 06.5 +1.3	
X40A	Basin Creek Fa	4.76 119 Pn	Pn	11 13 06.2 +1.0	
X40A	Basin Creek Fa	4.76 119 P	Pn	11 13 06.4 +1.3	
X40A	baz=303,SNR=100	P	Pn	11 13 06.4 +1.3	
X40A	baz=303	S	Sn	11 14 02.7 +2.6	
X40A	baz=303	S	Sn	11 14 02.7 +2.6	
WHAR	Woolly Hollow	4.80 108 Pn	Pn	11 13 06.8 +1.2	
W41B	Gary Mavity, V	4.87 109 P	Pn	11 13 07.6 +1.0	
W41B	baz=293,SNR=11	Sb	Sb	11 14 20.9 +3.6	
W41B	baz=293	S	Sn	11 14 03.5 +0.7	
W41B	Gary Mavity, V	4.87 109 S	Sn	11 14 03.5 +0.7	
WHTX	Lake Whitney	4.94 176 P	Pn	11 13 08.5 +0.9	
WHTX	baz=356,SNR=20	Sn	Sn	11 14 05.6 +1.0	
WHTX	baz=356	Sb	Sg	11 14 27.8 -4.7	
WHTX	Lake Whitney	4.94 176 Pn	Pn	11 13 08.5 +0.9	
WHTX	comp=Z,616nm,1.1s	Iamb_Lg			
WHTX	Lake Whitney	4.94 176 P	Pn	11 13 08.6 +0.9	
MSTX	Muleshoe	4.99 235 P	Pn	11 13 09.7 +1.4	
MSTX	baz=52,SNR=23	Pn	Pn	11 13 09.2 +0.9	
MSTX	Muleshoe	4.99 235 Pn	Pn	11 13 09.5 +1.2	
WLAR	White Oak Lake	5.05 128 Pn	Pn	11 13 10.2 +1.1	
L34A	Svendsen Farm,	5.15 12 Pn	Pn	11 13 11.0 +0.5	
OGNE	Ogallala	5.16 322 Pn	Pn	11 13 13.0 +2.3	
OGNE	baz=140,SNR=37	Pg	Pg	11 13 31.1 -1.5	
OGNE	baz=140	S	Sn	11 14 12.9 +2.8	
OGNE	Ogallala	5.16 322 P	Pn	11 13 12.0 +1.3	
OGNE	Ogallala	5.16 322 P	Pn	11 13 12.8 +2.1	
Z37A	Washetta, Mont	5.20 160 P	Pn	11 13 11.3 0.0	
Z37A	Washetta, Mont	5.20 160 P	Pn	11 13 11.6 +0.4	
T25A	Trinidad	5.25 274 P	Pn	11 13 13.2 +1.1	
T25A	baz=90,SNR=14	Pn	Pn	11 13 12.5 +0.5	
P40A	Paris	5.25 59 P	Pn	11 13 12.3 +0.6	
P40A	Paris	5.25 59 P	Pn	11 13 12.7 +0.8	
N38A	Joies South Fr	5.28 42 P	Pn	11 13 13.0 +0.8	
CCM	Cathedral Cave	5.38 76 Pn	Pn	11 13 14.0 +0.4	
CCM	Cathedral Cave	5.38 76 Pn	Pn	11 13 13.8 +0.3	
CCM	Cathedral Cave	5.38 76 P	Pn	11 13 14.0 +0.4	
T42A	Van Buren	5.42 87 Pn	Pn	11 13 14.8 +0.6	
T42A	Van Buren	5.42 87 P	Pn	11 13 15.3 +1.1	
LCAR	Lake Charles	5.47 97 Pn	Pn	11 13 16.0 +1.2	
LCAR	Lake Charles	5.47 97 Pn	Pn	11 13 16.2 +1.4	
Z41A	Richland Creek	5.53 130 P	Pn	11 13 17.5 +1.8	
Z41A	baz=313	S	Sn	11 14 20.7 +1.6	
K31A	O'Neill	5.72 353 P	Pn	11 13 19.4 +1.0	
K31A	O'Neill	5.72 353 P	Pn	11 13 20.1 +1.7	
NATX	Nacogdoches	5.80 152 S	Sn	11 14 24.1 -1.6	

baz=334	NATX	Nacogdoches	5.80 152	Pn	11 13 20.2 +0.8
baz=334	PMBO	Poplar Bluff	5.96 89	Pn	11 13 21.9 +0.3
baz=334	HBAR	Harrisburg	5.98 101	Pn	11 13 24.1 +2.3
baz=334	FVM	French Village	6.00 78	Pn	11 13 22.6 +0.4
baz=334	FVM	French Village	6.00 78	Pn	11 13 22.5 +0.4
baz=107,SNR=16	Q24A	Divide	6.11 292	P	11 13 24.9 +0.9
baz=107	Q24A		S	Sn	11 14 34.1 +0.3
baz=217,SNR=13	SCIA	State Center	6.13 34	Pn	11 13 25.4 +1.5
baz=358,SNR=21	SCIA	State Center	6.13 34	Pn	11 13 24.9 +0.9
baz=358,SNR=21	435B	Jarrell	6.14 178	P	11 13 24.4 +0.3
baz=358,SNR=26	435B	Jarrell	6.14 178	P	11 13 24.4 +0.3
baz=358,SNR=26	SDCO	Great Sand Dun	6.14 280	Pn	11 13 26.5 +2.0
baz=358,SNR=26	SDCO	Great Sand Dun	6.14 280	Pn	11 13 25.7 +1.3
baz=358,SNR=26	SDCO	Great Sand Dun	6.14 280	Pn	11 13 26.2 +1.8
baz=358,SNR=26	SLM	Saint Louis	6.27 72	Pn	11 13 25.9 0.0
baz=358,SNR=26	GNAR	Gosnell	6.39 96	Pn	11 13 29.6 +2.0
baz=358,SNR=26	PARMO	Parsons	6.51 90	Pn	11 13 31.4 +2.2
baz=358,SNR=26	N41A	Harden Midland	6.64 53	Pn	11 13 32.4 +1.5
baz=358,SNR=26	JCT	Junction City	6.64 195	Pn	11 13 31.6 +0.6
baz=358,SNR=26	JCT	Junction City	6.64 195	Pn	11 13 31.5 +0.6
baz=358,SNR=26	JCT	Junction City	6.64 195	P	11 13 31.2 +0.2
baz=358,SNR=26	HENM	Henderson Moun	6.73 89	Pn	11 13 35.5 +3.3
baz=358,SNR=26	ISCO	Idaho Springs	6.73 297	Pn	11 13 33.8 +1.0
baz=358,SNR=26	ISCO	Idaho Springs	6.73 297	Pn	11 13 33.1 +0.5
baz=358,SNR=26	ISCO	Idaho Springs	6.73 297	Pn	11 13 33.6 +1.1
baz=358,SNR=26	143A	Socs Landing,	6.78 127	Pn	11 13 34.4 +1.5
baz=358,SNR=26	ECSD	EROS Data Cent	6.86 8	P	11 13 33.7 -0.3
baz=358,SNR=26	ECSD	EROS Data Cent	6.86 8	S	11 14 51.3 -0.5
baz=358,SNR=26	ECSD	EROS Data Cent	6.86 8	Pn	11 13 33.8 -0.1
baz=358,SNR=26	ECSD	EROS Data Cent	6.86 8	P	11 13 31.2 -0.3
baz=358,SNR=26	S44A	Carbondale	6.90 81	P	11 13 35.3 +0.8
baz=358,SNR=26	S44A	Carbondale	6.90 81	P	11 13 35.2 +0.8
baz=358,SNR=26	K38A	Pensacola	6.92 33	Pn	11 13 34.6 -0.1
baz=358,SNR=26	SIUC	Southern Illin	6.93 81	Pn	11 13 35.5 +0.6
baz=358,SNR=26	P43A	Skaggs, Pawnee	7.09 65	Pn	11 13 37.2 0.0
baz=358,SNR=26	P43A	Skaggs, Pawnee	7.09 65	Pn	11 13 37.2 0.0
baz=358,SNR=26	W45A	Hickory Valley	7.24 102	Pn	11 13 40.2 +1.0
baz=358,SNR=26	L40A	Anamosa	7.25 43	Pn	11 13 38.9 -0.4
baz=358,SNR=26	L40A	Anamosa	7.25 43	Pn	11 13 39.4 +0.2
baz=358,SNR=26	ANMO	Albuquerque	7.25 257	Pn	11 13 42.1 +2.5
baz=358,SNR=26	ANMO	comp=Z,0.4nm,0.3s,ba	7.25 257	Pg	11 14 08.3 -4.3
baz=358,SNR=26	ANMO	comp=Z,3.4nm,0.3s,ba	7.25 257	Lg	11 15 41.4
baz=358,SNR=26	ANMO	comp=Z,7.0nm,0.3s,ba	7.25 257	Lg	11 15 41.4
baz=358,SNR=26	Q44A	Meyer Farm, Va	7.25 72	Pn	11 13 40.2 +0.6
baz=358,SNR=26	Q44A	Meyer Farm, Va	7.25 72	P	11 13 40.0 +0.5
baz=358,SNR=26	Q44A	Meyer Farm, Va	7.25 72	P	11 13 39.8 +0.4
baz=358,SNR=26	441A	DeRidder	7.29 146	Pn	11 13 42.3 +2.4
baz=358,SNR=26	N23A	Red Feather La	7.44 305	Pn	11 13 44.0 +1.8
baz=358,SNR=26	Y45A	Yeager Farm, C	7.45 112	Pn	11 13 43.2 +1.2
baz=358,SNR=26	SMCO	Snowmass	7.53 290	Pn	11 13 44.5 +0.9
baz=358,SNR=26	SUSD	Miller	7.55 354	P	11 13 44.1 +0.7
baz=358,SNR=26	SUSD	baz=173,SNR=9.0	S	Sn	11 15 09.2 +0.4
baz=358,SNR=26	SUSD	Miller	7.55 354	Pn	11 13 43.9 +0.5
baz=358,SNR=26	HDIL	Hopedale	7.60 59	P	11 13 45.0 +0.8
baz=358,SNR=26	HDIL	baz=244,SNR=63	S	Sn	11 15 07.4 -2.7
baz=358,SNR=26	HDIL	Hopedale	7.60 59	Pn	11 13 45.2 +1.0
baz=358,SNR=26	BNM	Baron Site	7.67 24	Pn	11 13 47.2 +1.8
baz=358,SNR=26	IL7A	Leonard, Waseca	7.87 24	Pn	11 13 47.3 -0.1
baz=358,SNR=26	OLIL	Olney	7.93 74	Pn	11 13 48.7 +0.1
baz=358,SNR=26	O44A	Mansfield	8.03 64	Pn	11 13 50.8 +0.8
baz=358,SNR=26	O44A	Mansfield	8.03 64	Pn	11 13 50.8 +0.8
baz=358,SNR=26	344A	Westbrook Farm	8.04 131	Pn	11 13 51.9 +1.7
baz=358,SNR=26	735A	Kenedy	8.06 180	Pn	11 13 52.4 +2.0
baz=358,SNR=26	L42A	Oliver, Polo	8.11 49	Pn	11 13 51.2 +0.1
baz=358,SNR=26	L42A	Oliver, Polo	8.11 49	P	11 13 51.4 +0.3
baz=358,SNR=26	WWT	Waverly	8.11 93	P	11 13 51.9 +0.7
baz=358,SNR=26	WWT	Waverly	8.11 93	Pn	11 13 51.4 +0.3
baz=358,SNR=26	MNTX	Cornudas Mount	8.12 232	Pn	11 13 52.4 +1.0
baz=358,SNR=26	MNTX	Cornudas Mount	8.12 232	Pn	11 13 52.3 +1.0
baz=358,SNR=26	MNTX	Cornudas Mount	8.12 232	Pn	11 13 52.1 +0.7
baz=358,SNR=26	PLAL	Pickwick Lake	8.17 101	Pn	11 13 52.2 +0.3
baz=358,SNR=26	JFWS	Jewell Farm	8.35 42	P	11 13 54.3 -0.2
baz=358,SNR=26	JFWS	Jewell Farm	8.35 42	Pn	11 13 54.2 -0.3
baz=358,SNR=26	JFWS	Jewell Farm	8.35 42	P	11 13 54.6 +0.2
baz=358,SNR=26	RSSD	Black Hills	8.58 329	Pn	11 13 59.9 +2.2
baz=358,SNR=26	RSSD	Black Hills	8.58 329	Pn	11 13 58.3 +0.5
baz=358,SNR=26	RSSD	Black Hills	8.58 329	Pn	11 13 59.7 +1.9
baz=358,SNR=26	T47A	Sharon Grove	8.61 86	Pn	11 13 59.1 +1.1
baz=358,SNR=26	RWWY	Rawlins	8.66 306	Pn	11 14 00.2 +1.2
baz=358,SNR=26	833A	Chaparral WMA,	8.68 189	P	11 13 59.1 +1.1

7d 11h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HAWA Hanford, YBHA Yreka Blue Hor, YBHB Yreka Blue Hor, etc.

FUNUV 07 11:16:41.4, 8.51N, 71.34W, h36km, MW3.1
ISC 07 11:16:39.8, 1.7, 8.53N, 0.04, 71.36W, 0.03, h10km, 13km, n20, c1962/36, 1D, Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SOCV Socops, PAMC Pamplona, OCAC Ocana, etc.

INET 07 11:17:16.3, 9.38N, 84.57W, h36km, MW3.3
UCR 07 11:17:19.5, 1.3, 9.34N, 84.61W, h16km, 5km, MW3.8, 1D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LAFE Finca La Fe, LCR2 La Lucha 2, EDDO Dominical, etc.

2015 NOV

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CEDE Laguna Cededo, EDNP Palmar Norte, GUAI Guai, etc.

TUL 07 11:17:59.1, 4, 36.947N, 0.009, 97.85W, 0.01, h4km, 5km, ML2.9, ML2.8/46(NEIC), Error ellipse: s-maj=1.6km

NEIC 07 11:17:59.3, 1, 1, 36.939N, 0.009, 97.84W, 0.01, h5km, 1km, Error ellipse: s-maj=3.0km s-min=1.8km az=289.0, Oklaoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GC02 Grant County #, KAN10 Manchester OK, KAN14 Manchester OK, etc.

INMG 07 11:19:48.5, 1, 0.33, 37N, 13.19W, h10km, ML2.5, Error ellipse: s-maj=4.8km s-min=2.1km az=146.0

CNRM 07 11:19:52.2, 32.81N, 12.48W, h200km, m3.3, ISC 07 11:19:45.3, 2, 33.52N, 0.08, 12.8W, 0.2, h10km, n24, c254/34, Madeira Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PMPST Porto Santo, M, PMPST Porto Santo, PMPST Porto Santo, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PBDV 3.6nm, 0.8s, PCVE Castro Verde, PCVE Castro Verde, etc.

MOS 07 11:22:40.3, 0, 8, 42.32N, 144.64E, h42km, mb4.6/2, Error ellipse: s-maj=12.8km s-min=7.2km az=77.1

SKHL 07 11:22:40.5, 0, 3, 42.30N, 144.70E, h44km, 4km, mb4.7/4, JMA 07 11:22:40.5, 42.39N, 144.61E, h28km, 2km, M3.8, JMA Felt J1

NEIC 07 11:22:43.2, 1, 2, 42.34N, 0.07, 144.46E, 0.08, h44km, 8km, mb4.3/20, Error ellipse: s-maj=12.5km s-min=5.6km az=142.0

IDC 07 11:22:44.2, 2, 8, 42.33N, 144.51E, h60km, 21km, mb3.7/14, mb1.3/916, mb1mx3.6/74, mbmp4.0/16, ML3.0/2, MS4.5/2, JMA M51 4.5/2, ms1mx3.1/52, Error ellipse: s-maj=21.3km s-min=18.1km az=8.0

ISC 07 11:22:48.1, 6, 42.43N, 0.06, 144.59E, 0.04, h25km, 10km, n97, c0885/104, mb4.1/24, 4C-4D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JAK Akkeshi, JAK Akkeshi, AKK Akkeshi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like QUOK, OK031, T35A, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like 2009, NEIC 07, NEIC 07, etc.

TUL 07 11:22:51.61 ± 1.26 Pn Pn 11 24 30.9 ± 0.0
ML2.7, mb_Lg2.5/8(NEIC), Error ellipse: s-maj=2.3km

NEIC 07 11:22:51.4 ± 0.8, 36.890N, 0.006E, 97.89W, 0.02, h5km, 1km, Error ellipse: s-maj=3.0km s-min=2.5km az=309.0,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like GC02, CROK, KAN14, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like HJAR, Z35A, Z35A, etc.

IASPEI 07 11:31:18.5 ± 1.0, 36.93N, 0.02E, 97.84W, 0.02, h9km, 6km, Error ellipse: s-maj=3.2km s-min=2.8km az=103.1, 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, <i>Seism. Res. Let.</i>, 80, 465-472.

SOMM	comp=Z,3.2nm,0.9s,baz=81,slow=1.9,SNR=8.6	Songino Array	31.53 286	P	P	13 12 10.1 -0.7	13 15 01.7
SOMM	comp=Z,1.0nm,0.5s	Songino Array	31.53 286	P	P	13 12 10.1 -0.7	13 15 01.7 +0.9
SOMM	comp=Z,1.0nm,0.5s	Lake Minchumir	31.58 42	P	P	13 12 10.1 +2.1	
NJ2	comp=Z,12nm,0.5s	Nanjing	31.76 251	eP	P	13 12 13.8 +1.0	
I21K	comp=Z,12nm,0.5s	Tanana	31.79 40	P	P	13 12 14.6 +1.8	
I21K	comp=Z,12nm,0.5s	Tanana	31.79 40	P	P	13 12 13.6 +0.9	13 12 16.2
BPWA	comp=Z,5.7nm,0.8s	Bear Paw Mtn.	32.17 42	P	P	13 12 17.5 +1.4	
H11S1	comp=Z,3.2nm,0.9s,baz=81,slow=1.9,SNR=8.6	WAKE ISLAND HY 32.21 158	T	T		13 46 11.3	
H11S3	comp=Z,3.2nm,0.9s,baz=81,slow=1.9,SNR=8.6	WAKE ISLAND HY 32.21 158	T	T		13 46 08.9	
H11S2	comp=Z,3.2nm,0.9s,baz=81,slow=1.9,SNR=8.6	WAKE ISLAND HY 32.22 158	T	T		13 46 12.8	
MLY	comp=Z,12nm,0.5s	Manley	32.31 40	P	P	13 12 18.9 +1.6	
MLY	comp=Z,12nm,0.5s	Manley	32.31 40	P	P	13 12 18.6 +1.3	
BTO	comp=Z,12nm,0.5s	Baotou	32.34 272	eP	P	13 12 15.3 +2.6	
TRF	comp=Z,12nm,0.5s	Thorofare Moun	32.48 43	P	P	13 12 20.7 +1.8	
COLD	comp=Z,12nm,0.5s	Coldfoot	32.68 36	P	P	13 12 21.6 +1.1	
COLD	comp=Z,12nm,0.5s	Coldfoot	32.68 36	P	P	13 12 20.6 +0.1	13 12 23.8
H23K	comp=Z,11nm,0.7s	Yukon River	32.84 39	P	P	13 12 23.8 +1.9	
H23K	comp=Z,11nm,0.7s	Yukon River	32.84 39	P	P	13 12 22.8 +0.8	13 12 26.1
I23K	comp=Z,8.6nm,0.9s	Minto, Yukon-K	32.90 40	P	P	13 12 23.7 +1.4	
I23K	comp=Z,8.6nm,0.9s	Minto, Yukon-K	32.90 40	P	P	13 12 23.6 +1.2	
NEA2	comp=Z,8.6nm,0.9s	Nenana	33.01 41	P	P	13 12 25.1 +1.6	
NEA2	comp=Z,8.6nm,0.9s	Nenana	33.01 41	P	P	13 12 24.8 +1.4	
NEA2	comp=Z,8.6nm,0.9s	Nenana	33.01 41	P	P	13 12 25.2 +1.1	
TOLK	comp=Z,8.6nm,0.9s	Toolik Lake Re	33.06 34	P	P	13 12 24.9 +1.1	
TOLK	comp=Z,8.6nm,0.9s	Toolik Lake Re	33.06 34	P	P	13 12 25.2 +1.1	
MCK	comp=Z,8.6nm,0.9s	McKinley	33.08 43	P	P	13 12 27.7 +1.1	13 12 29.9
MDM	comp=Z,8.6nm,0.9s	Murphy Dome	33.37 41	P	P	13 12 27.7 +1.1	13 12 29.9
KNK	comp=Z,9.8nm,0.8s	Knik Glacier	33.43 47	P	P	13 12 28.6 +1.4	
KNK	comp=Z,9.8nm,0.8s	Knik Glacier	33.43 47	P	P	13 12 27.5 +0.4	13 12 41.7
WRH	comp=Z,9.2nm,0.8s	Wood River Hill	33.44 41	P	P	13 12 28.6 +1.5	13 12 30.1
WRH	comp=Z,9.2nm,0.8s	Wood River Hill	33.44 41	P	P	13 12 28.8 +1.5	
SML	comp=Z,11nm,1.0s	Sawmill	33.46 46	P	P	13 12 29.0 +1.6	13 12 32.1
SML	comp=Z,11nm,1.0s	Sawmill	33.46 46	P	P	13 12 29.6 +1.7	
H24K	comp=Z,14nm,0.8s	Noodor Dome	33.53 39	P	P	13 12 29.2 +1.2	
H24K	comp=Z,14nm,0.8s	Noodor Dome	33.53 39	P	P	13 12 29.5 +1.6	
TCOL	comp=Z,14nm,0.8s	CIGO, UAF Yank	33.53 41	P	P	13 12 29.1 +1.3	13 12 29.8 +1.9
TCOL	comp=Z,14nm,0.8s	CIGO, UAF Yank	33.53 41	P	P	13 12 29.8 +1.9	
COLA	comp=Z,14nm,0.7s	College	33.53 41	P	P	13 12 29.5 +1.6	
COLA	comp=Z,14nm,0.7s	College	33.53 41	P	P	13 12 28.9 +1.1	13 12 31.2 +1.7
COLA	comp=Z,14nm,0.7s	College	33.53 41	P	P	13 12 28.6 -0.9	13 12 32.8
POKR	comp=Z,15nm,1.1s	Poker Plat Res	33.71 40	P	P	13 12 28.6 -0.9	13 12 32.8
POKR	comp=Z,15nm,1.1s	Poker Plat Res	33.71 40	P	P	13 12 32.4 +1.0	
HDA	comp=Z,15nm,1.1s	Harding Lake	33.93 42	P	P	13 12 31.9 +0.5	13 12 36.1
HDA	comp=Z,15nm,1.1s	Harding Lake	33.93 42	P	P	13 12 32.1 +0.6	13 12 33.6
IL31	comp=Z,9.6nm,0.6s	IL31	33.95 41	P	P	13 12 32.0 +0.5	
ILAR	comp=Z,9.2nm,1.0s	Eielson Array	33.95 41	P	P	13 12 32.0 +0.5	
ILAR	comp=Z,9.2nm,1.0s	Eielson Array	33.95 41	P	P	13 12 55.2 -1.4	
ILAR	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Eielson Array	33.95 41	P	P	13 12 32.4 +0.8	
ILAR	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Eielson Array	33.95 41	P	P	13 12 35.7 +0.2	
ILAR	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Eielson Array	33.95 41	P	P	13 12 38.1 +1.6	
M24K	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Porcupine Dome	34.51 40	P	P	13 12 37.3 +0.8	
PRP	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Porcupine Dome	34.51 40	P	P	13 12 38.5 +1.4	
FYU	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Fort Yukon	34.61 41	P	P	13 12 37.5 +0.2	
J25K	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Salcha River	34.61 41	P	P	13 12 40.9 +1.5	13 12 41.0 +1.2
BMAR	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Burnt Mountain	34.86 36	P	P	13 12 44.7 +1.9	
RIDG	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Independent RI	34.90 43	P	P	13 12 42.1 -0.7	13 12 44.7
N25K	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Chitina, Valde	35.25 46	P	P	13 12 42.1 -0.7	13 12 44.7
DOT	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Dot Lake	35.25 43	P	P	13 12 43.6 +0.7	13 12 45.4
DOT	comp=Z,2.9nm,0.8s,baz=264,slow=6.0,SNR=4.5	Dot Lake	35.25 43	P	P	13 12 44.8 +0.7	
SCRK	comp=Z,4.3nm,0.7s	Sand Creek	35.26 42	P	P	13 12 46.1 +0.1	13 12 48.2 +1.2
SCRK	comp=Z,4.3nm,0.7s	Sand Creek	35.26 42	P	P	13 12 50.6 +2.4	
J26L	comp=Z,5.1nm,0.7s	Joseph Creek	35.39 41	P	P	13 12 50.6 +2.4	
J26L	comp=Z,5.1nm,0.7s	Joseph Creek	35.39 41	P	P	13 12 51.9	
WHN	comp=Z,5.1nm,0.7s	Wuhan	35.59 253	↑P	P	13 12 54.7 +1.9	
L26K	comp=Z,5.1nm,0.7s	Log Cabin Wild	35.64 44	P	P	13 12 54.7 +1.9	
M26K	comp=Z,5.1nm,0.7s	Nabesna, AK	35.88 45	P	P	13 12 56.8 +2.1	13 13 00.3
M26K	comp=Z,5.1nm,0.7s	Nabesna, AK	35.88 45	P	P	13 12 56.4 +0.2	13 12 59.4 +2.3
M26K	comp=Z,5.1nm,0.7s	Nabesna, AK	35.88 45	P	P	13 12 52.0 +1.8	
CRQM	comp=Z,9.3nm,1.1s	Cirque	36.08 48	P	P	13 12 54.2 +2.2	
CRQE	comp=Z,9.3nm,1.1s	Cirque	36.10 48	P	P	13 12 54.2 +2.2	
L27K	comp=Z,11nm,0.8s	Beaver Creek	36.32 44	P	P	13 12 54.4 +2.3	13 12 53.3 +0.8
L27K	comp=Z,11nm,0.8s	Beaver Creek	36.32 44	P	P	13 12 53.3 +0.8	
BCAR	comp=Z,11nm,0.8s	Beaver Creek A	36.34 43	P	P	13 12 54.2 +2.3	
EGAK	comp=Z,11nm,0.8s	Eagle	36.40 41	P	P	13 12 54.7 +1.9	
EGAK	comp=Z,11nm,0.8s	Eagle	36.40 41	P	P	13 12 53.3 +0.8	
M27K	comp=Z,11nm,0.8s	Edge Creek, AK	36.41 45	P	P	13 12 55.1 +2.3	
M27K	comp=Z,11nm,0.8s	Edge Creek, AK	36.41 45	P	P	13 12 54.7 +2.0	13 12 55.8
M27K	comp=Z,11nm,0.8s	Edge Creek, AK	36.41 45	P	P	13 12 56.8 +1.1	13 13 00.3
BARN	comp=Z,5.1nm,0.8s	Barnard Glacie	36.74 47	P	P	13 12 56.4 +0.2	13 12 59.4 +2.3
BARN	comp=Z,5.1nm,0.8s	Barnard Glacie	36.74 47	P	P	13 12 56.8 +1.1	13 13 00.3
YULB	comp=Z,5.1nm,0.8s	Yu-li	36.77 238	P	P	13 12 56.4 +0.2	13 12 59.4 +2.3
CTGM	comp=Z,5.1nm,0.8s	Chitina Glacie	36.91 47	P	P	13 12 56.8 +1.1	13 13 00.3
ORZH	comp=Z,6.6nm,0.8s	Quanzhou	37.09 242	eP	P	13 13 02.6 +3.8	
NRIK	comp=Z,6.6nm,0.8s	Noril'sk	37.15 327	P	P	13 12 56.9 -1.9	
NRIK	comp=Z,6.6nm,0.8s	Noril'sk	37.15 327	P	P	13 14 24.0 -1.4	
NRIK	comp=Z,2.1nm,0.6s,baz=100,slow=15,SNR=1.8	Noril'sk	37.15 327	P	P	13 15 16.5 +0.1	
NRIK	comp=Z,2.1nm,0.6s,baz=100,slow=15,SNR=1.8	Noril'sk	37.15 327	P	P	13 30 25.1	
NRIK	comp=Z,2.1nm,0.6s,baz=100,slow=15,SNR=1.8	Noril'sk	37.15 327	P	P	13 12 59.0 +0.2	
NRIK	comp=Z,11nm,1.3s	Ta-pu	37.21 238	P	P	13 12 59.0 +0.2	
DAWY	comp=Z,11nm,1.3s	Dawson	37.25 42	P	P	13 13 01.4 +1.6	

I29M	comp=Z,3.2nm,0.9s,baz=81,slow=1.9,SNR=8.6	Ogilvie Camp	37.52 39	P	P	13 13 03.6 +1.6	
EPYK	comp=Z,3.2nm,0.9s,baz=81,slow=1.9,SNR=8.6	Eagle Plains	38.03 38	P	P	13 13 08.0 +1.7	
EPYK	comp=Z,3.2nm,0.9s,baz=81,slow=1.9,SNR=8.6	Eagle Plains	38.03 38	P	P	13 13 07.8 +1.6	13 13 08.6
ENH	comp=Z,9.0nm,0.8s	Enshi	38.86 258	P	P	13 13 12.2 -1.4	13 13 17.3
ENH	comp=Z,9.0nm,0.8s	Enshi	38.86 258	P	P	13 13 15.9 +2.6	
MAYO	comp=Z,12nm,0.7s	Mayo, Yukon	38.86 42	P	P	13 13 14.4 +0.5	13 13 41.5 -0.2
MAYO	comp=Z,12nm,0.7s	Mayo, Yukon	38.86 42	P	P	13 13 57.7 +4.4	
LZH	comp=Z,38nm,1.1s	Lanzhou	38.87 270	eP	P	13 13 15.6 +1.5	
LZH	comp=Z,38nm,1.1s	Lanzhou	38.87 270	eP	P	13 13 20.1 0.0	13 13 45.9 +1.0
LZH	comp=Z,38nm,1.1s	Lanzhou	38.87 270	eP	P	13 13 58.2 +0.7	13 13 26.4 +1.6
INK	comp=Z,279,SNR=7.3	Inuvik	38.97 34	P	P	13 13 15.6 +1.5	
GTA	comp=Z,15nm,1.0s	Gaotai	39.63 277	↑P	P	13 13 28.2 +2.7	
GTA	comp=Z,15nm,1.0s	Gaotai	39.63 277	↑P	P	13 13 33.6 +1.8	
A36M	comp=Z,15nm,1.0s	Sachs Harbour	41.13 28	P	P	13 13 33.1 +1.3	13 13 38.7
A36M	comp=Z,15nm,1.0s	Sachs Harbour	41.13 28	P	P	13 13 36.5 -2.0	
ZAAO	comp=Z,10nm,0.6s	Zalesovo Beam	42.00 304	P	P	13 15 33.2 +1.1	13 13 38.0 -1.2
ZAAO	comp=Z,10nm,0.6s	Zalesovo Beam	42.00 304	P	P	13 15 32.5 +0.4	13 32 06.9
ZALV	comp=Z,7.2nm,0.5s,baz=76,slow=3.0,SNR=24	Zalesovo Beam	42.00 304	P	P	13 13 36.4 -2.7	13 13 32.2 +1.1
ZALV	comp=Z,7.2nm,0.5s,baz=76,slow=3.0,SNR=24	Zalesovo Beam	42.00 304	P	P	13 13 49.8 -0.2	13 14 30.6 +2.9
ZALV	comp=Z,7.2nm,0.5s,baz=76,slow=3.0,SNR=24	Zalesovo Beam	42.00 304	P	P	13 13 38.0 -1.2	
ZALV	comp=Z,7.2nm,0.5s,baz=76,slow=3.0,SNR=24	Zalesovo Beam	42.00 304	P	P	13 13 36.4 -2.7	13 13 32.2 +1.1
ZALV	comp=Z,7.2nm,0.5s,baz=76,slow=3.0,SNR=24	Zalesovo Beam	42.00 304	P	P	13 13 49.8 -0.2	13 14 30.6 +2.9
DGZ	comp=Z,7.0nm,0.7s	Jazzator, Alta	42.31 297	eP	P	13 13 48.8 +2.9	
DGZ	comp=Z,7.0nm,0.7s	Jazzator, Alta	42.31 297	eP	P	13 13 49.8 -0.2	13 14 30.6 +2.9
TGNT	comp=Z,14nm,1.1s	Hyland Array	42.83 43	P	P	13 14 05.0 +1.6	
TGNT	comp=Z,14nm,1.1s	Hyland Array	42.83 43	P	P	13 14 16.1 -0.9	13 14 15.7 -1.2
GVA	comp=Z,8.0nm,1.1s	Guiyang	43.28 256	↑P	P	13 14 15.9 -1.0	13 15 49.0 +0.5
GVA	comp=Z,8.0nm,1.1s	Guiyang	43.28 256	↑P	P	13 14 17.1 -0.3	
GVA	comp=Z,8.0nm,1.1s	Guiyang	43.28 256	↑P			

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DCPH Dipolog, SNPH Sibulan, RCP Roxas, LOP Lukban, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LHMI Lhombo, TPTI Tapti, TSI Tuntungan, PSI Prapat, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HATD Hatta, ASHO Ashiyah, ASHO Ashiyah, SHME Shamm, etc.

IDC 07 14:41:23.5±2.0, 8.25S:125.29E, h0km, mb3.6/1, mb1 3.6/5, mb1mx3/4/32, mbtmp3.4/5, ML3.2/4, Error ellipse: s-maj=41.6km s-min=27.0km az=87.0

IDC 07 15:04:33.9±0.2, 2.2°S:121°E, h10km, M3.8/13, mb4.0/3, MLV3.6/13, Sulawesi

IDC 07 15:53:45.8±1.2, 8.57N:171.34W, h0km, ML4.6/6, Vanuatu Islands, Vanuatu Islands

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BAUV El Baul, ZARC Zaragoza, CAUC, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PTGA Cruzero do Su, PTGA Cruzero do Su, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KVN Kaiserville, PLID Pearl Lake, YKA Yellowknife, etc.

IDC 07 15:07:18.4:7.6, 6.02S, 15073E, h130km, 50km, mb2.9/3, mb1 3.0/4, mb1mx2/9/38, mbmp3.3/4, Error ellipse: s-major=102.0km s-min=55.8km az=123.0, New Britain

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like KUM Antalya-Kumuk, AKUM, etc.

Table with columns: ARXS, Arharly, 2.60 331, eP, Pb, 16 31 38.1 -1.7, Sb, 16 32 12.9 +1.4, Pb, 16 31 38.1 -1.7, Lg, 16 32 12.9, P, 16 31 38.2 +1.2, Sn, 16 32 12.9 +3.0, etc.

Table with columns: WRA, Warramunga Arr, 22.50 157, Op, ISC, h, m, s, ISC, 16 54 50.3 -0.7, etc.

NNC 07 17:03:24.9-4.3, 36.72N-70.67E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=34.3km s-min=27.8km az=162.0

Table with columns: KK31, Karatay Array, 6.83 356, P, Pn, 17 05 02.6 +0.7, etc.

FUNV 07 17:07:19.3, 8.69N-71.46W, h10km, MW3.2, ISC 07 17:07:19.4, 1.4, 8.67N-0.06:71.39W, 0.03, h14km, 11km, n13, e193/23, Venezuela

Table with columns: SOCV, Socops, 0.65 126, eP, Pn, 17 07 32.7 +0.5, etc.

Table with columns: BIRV, Birongo, 5.35 70, eP, Sn, 17 08 37.9 -1.1, etc.

IDC 07 17:34:51.0-2.9, 14.03S-173.87E, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.8/34, mbtmp3.9/5, ML2.8/1, MS3.4/10, Ms1 3.4/10, ms1mx3.2/35, Error ellipse: s-maj=114.5km s-min=26.9km az=135.0

Table with columns: MSVF, Nonsavu, 5.36 132, LR, LR, 17 37 49.4, etc.

IDC 07 17:37:46.2-0.4, 8.51N-71.44W, h0km, mb4 4/25, mb1 4.6/31, mb1mx4.5/42, mbtmp4.5/31, ML4.7/6, MS3.8/20, Ms1 3.8/20, ms1mx3.5/53, Error ellipse: s-maj=10.6km s-min=7.8km az=177.0

VAO 07 17:37:47.4-0.4, 8.58N-71.52W, h10km, mb4.7, NEIC 07 17:37:46.0, 1.4, 8.50N-0.05:71.40W, 0.04, h12km, 3km, mb4.8/184, Mw4.9(CAR), Error ellipse: s-maj=8.6km s-min=4.7km az=148.0

FUNV 07 17:37:48.6, 8.48N-71.43W, h2km, MW4.9, CAR 07 17:37:49.1, 9, 8.50N-0.05:71.50W, 0.03, h5km, 3km, Error ellipse: s-maj=6.5km s-min=4.2km az=167.0

ISC 07 17:37:46.5, 0.8, 8.56N-0.02:71.41W, 0.02, h4km, 5km, n417, e1941/471, mb4.8/125, MS3.8/16, 6C-14D, Fault plane solution: NP1=152.52530°, 857.84320°, 429.85009°. NP2=45.54086°, 865.07841°, 1144.06368°. Principal axes: T Plg42.4004°, Azm6.3734°, N Plg47.2462°, Azm195.3700°, P Plg4.4960°, Azm10.4909°. Fault plane solution: NP1=380.51844°, 169.14967°. Principal axes: T Plg10.8485°, Azm184.8359°, N Plg75.6281°, Azm91.5225°, P Plg14.3457°, Azm275.0529°. Fault plane solution: NP1=290.54993°, 367.67814°, 173.28281°. NP2=171.22582°, 835.96825°, 114.44796°. Principal axes: T Plg11.1991°, Azm358.5831°, N Plg14.0683°, Azm91.4270°, P Plg71.8720°, Azm231.3723°, Venezuela

Table with columns: SOCV, Socops, 0.61 116, eP, Pn, 17 37 59.2 +0.9, etc.

Table with columns: LL1C, Elorza, 2.46 129, eP, Pn, 17 38 29.4 +1.0, etc.

7d 17h

PCRV	comp=Z,239m,0.3s,baz=0.0,slow=20,SNR=2.1	Sn	Sn	17 40 49.9 +3.0
PCRV	Puerto La Cruz	6.88 76 eP	Pn	17 39 29.7 +1.6
BETC	Betania	7.08 215 eP	Pn	17 39 31.2 +0.2
MARP	Paez Belalcaza	7.26 219 eP	Pn	17 39 33.4 -0.7
MARP		7.26 219 eP	Pn	17 40 59.9 -1.7
MARP			Pn	17 40 59.4
GARC	Garzon, Huila	7.52 213 eP	Pn	17 39 37.6 +0.4
GARC			Pn	17 41 00.4 -2.6
GARC			Pn	17 41 04.2
PCON	Cinco Dias	7.93 219 eP	Pn	17 39 44.1 +1.0
SOTA	Rioblanco	8.21 219 eP	Pn	17 39 48.0 +1.1
SOTA			Pn	17 41 29.1
CRUV	Carupano	8.33 75 eP	Pn	17 39 49.0 +0.9
BCIP	Isla Barro Col	8.35 275 eP	Pn	17 39 47.0 -1.3
PTLC	Puerto Leguiza	8.99 202 eP	Pn	17 39 59.6 +2.4
PTLC			Pn	17 42 40.4 +5.2
PTLC			Pn	17 43 07.5
GCUF	Volcan Galeras	9.38 219 eP	Pn	17 40 05.5 +2.6
GCUF			Pn	17 42 13.1 +2.4
GCUF			Pn	17 43 56.0
RIOV	Rio Grande	9.51 92 eP	Pn	17 40 04.6 +0.3
BANI	BANI	9.83 6 Pn	Pn	17 40 09.3 +0.5
GRPR	Grenville	10.24 69 Pn	Pn	17 40 12.7 -1.5
CRPH	Cabo Rojo, PR	10.28 24 Pn	Pn	17 40 14.1 -0.7
PRDR	Punta Cana, DR	10.33 17 Pn	Pn	17 40 15.9 +0.4
DR12	Loma Pena Alta	10.36 11 Pn	Pn	17 40 16.1 +0.1
SDDR	Presa de Saban	10.36 1 Pn	Pn	17 40 18.1 +2.1
ICMP	Isla Caja de M	10.42 27 Pn	Pn	17 40 17.0 +0.3
PRSN	Puerto Rico Se	10.46 23 Pn	Pn	17 40 17.6 +0.3
OBSP	Obispado Ponce	10.52 26 Pn	Pn	17 40 17.8 -0.3
CELP	Cerrillos	10.56 26 Pn	Pn	17 40 17.8 -0.3
AGBR	Aguadilla, PR	10.70 23 Pn	Pn	17 40 20.5 -0.1
AOPR	Arecibo Observ	10.73 24 Pn	Pn	17 40 21.0 -0.1
PDPDR	Patillas Dam,	10.77 29 Pn	Pn	17 40 21.1 -0.3
SJG	San Juan	10.79 28 Pn	Pn	17 40 22.4 +0.6
SJG	comp=Z,11nm,0.3s,baz=204,slow=18,SNR=12	Sn	Sn	17 42 16.6 -6.4
SJG	comp=Z,3.1nm,0.3s,baz=53,slow=20,SNR=2.1	LR	LR	17 44 58.4
SJG	comp=Z,410nm,19.4s,baz=300,slow=40	LR	LR	17 40 21.7 -0.1
SJG	OTAV	10.79 28 Pn	Pn	17 40 20.9 -2.0
EMPR	Esperanza - Ma	10.94 25 Pn	Pn	17 40 24.9 +1.0
GCPR	Guaynabo City	10.99 28 Pn	Pn	17 40 24.9 +0.3
SVB	Belmont	11.02 64 Pn	Pn	17 40 25.1 0.0
TOSP	Speyside	11.06 75 Pn	Pn	17 40 25.8 -0.9
MTP	Monte Pirata	11.06 30 Pn	Pn	17 40 25.9 +0.3
CBYP	Canovanas	11.06 29 Pn	Pn	17 40 25.7 +0.1
CDVI	St. Croix	11.20 35 Pn	Pn	17 40 27.8 +0.5
MTDJ	Mount Denham	11.30 329 Pn	Pn	17 40 29.1 +0.1
CDITO	Canoes	11.39 271 Pn	Pn	17 40 29.0 -0.3
CUPR	Culebra, Puert	11.39 31 Pn	Pn	17 40 30.1 +0.2
STVI	Saint Thomas	11.58 32 Pn	Pn	17 40 33.2 +0.5
BIM	Bigot	11.73 59 Pn	Pn	17 40 34.1 -0.7
FDF	Fort de France	11.77 58 Pn	Pn	17 40 34.4 -0.9
SVN	Savane Anotole	11.81 57 Pn	Pn	17 40 34.4 -1.5
SREA	San Rafael, BU	11.82 74 Pn	Pn	17 40 36.8 +0.7
GTBY	Guantanamo Bay	11.85 343 Pn	Pn	17 40 37.5 +0.4
MPOM	Morre Pois Mar	11.88 60 Pn	Pn	17 40 37.1 +0.3
BATAN	Batan	11.91 278 Pn	Pn	17 40 38.1 +1.0
RIMA	Rio Macho	12.35 277 Pn	Pn	17 40 42.5 -0.9
BOAV	Boa Vista	12.45 19 Pn	Pn	17 40 42.9 -1.7
TBTG	Tabatinga, AM	12.49 45 eP	Pn	17 40 43.5 -0.8
ANWB	Willy Bob	13.03 45 eP	Pn	17 40 51.1 -1.4
JTS	Las Juntas de	13.47 278 Pn	Pn	17 40 59.3 +0.8
LCCY	Blossom Village	13.87 324 Pn	Pn	17 41 03.6 -0.4
ACON	Acopya	13.95 285 Pn	Pn	17 41 04.4 -0.4
LCCY	Frank Soud	14.28 319 Pn	Pn	17 41 07.4 -2.2
PTGA	Pitinga	14.62 128 Pn	Pn	17 41 13.9 -1.1
PTGA	comp=Z,3.8nm,0.3s,baz=306,slow=15,SNR=12	Sn	Sn	17 43 48.4 -1.0
PTGA	comp=Z,6.8nm,0.3s,baz=40,slow=18,SNR=9.5	Lg	Lg	17 45 31.3
PTGA	comp=Z,1.5nm,0.3s,baz=33,slow=22,SNR=10	LR	LR	17 46 44.2
PTGA	comp=Z,258nm,18.1s,baz=304,slow=37	LR	LR	17 41 12.9 -2.1
MACA	Manacapuru-AM	15.81 137 Pn	Pn	17 41 31.2 -1.1
MACA	Manacapuru-AM	15.81 137 Pn	Pn	17 41 26.3 -3.8
CRIN	San Cristobal	15.91 286 Pn	Pn	17 41 35.3 +0.1
CRIN			Iamb	17 41 42.8
CZSB	Cruzeiro do Su	16.23 185 Pn	Pn	17 41 31.9 -3.7
CZSB			Iamb	17 41 40.6
TAUH	Tequiguapa,Un	16.48 291 Pn	Pn	17 41 41.7 +0.1
ATAH	Atahuapla	17.49 204 Pn	Pn	17 41 46.1 -0.4
ATAH	comp=Z,1.2nm,0.3s,baz=43,slow=4,SNR=8.7	LR	LR	17 49 03.3
SOR	comp=Z,361nm,21.7s,baz=357,slow=40	LR	LR	17 41 58.9 +0.6
MDOS	Montecristo	18.52 290 Pn	Pn	17 42 06.5 +2.2
MDOS	Montagnes des	18.95 99 Pn	Pn	17 42 09.5 +0.2
MDP	comp=Z,4.8nm,0.3s,baz=276,slow=11,SNR=29	S	S	17 45 44.4 -0.3
MDP	comp=Z,1.1nm,0.3s,baz=204,slow=20,SNR=6.3	Lg	Lg	17 47 42.7
MDP	comp=Z,1.4nm,0.3s,baz=191,slow=22,SNR=6.3	LR	LR	17 49 51.6
ETMB	Extrema	18.97 164 eP	P	17 42 07.6 -1.3
ETMB	Extrema	18.97 164 eP	P	17 42 07.7 -1.3
SAML	Samuel	19.23 155 eP	P	17 42 10.6 -1.2
SAML	Samuel	19.23 155 eP	P	17 42 08.6 -3.2
MLBS	Monte Alegre	19.98 120 eP	Pn	17 42 21.4 -0.3
ITB	Itaituba	20.23 129 eP	Pn	17 42 22.4 -0.4
MCBP	Macapa, AP	21.22 114 eP	P	17 42 35.0 +1.4
CCIG	Compan	21.62 293 Pn	P	17 42 38.8 +0.6
CCIG			Iamb	17 42 44.1
NPGB	Novo Progresso	22.28 134 eP	P	17 42 46.0 +1.1
VILB	Vilhena	24.10 152 eP	P	17 43 04.7 +1.3
VILB	Vilhena	24.10 152 eP	P	17 43 02.3 -1.1
VILB			Iamb	17 43 33.4
CMIG	Matias Romero	24.38 293 P	P	17 43 06.3 +0.3
553A	Crawfordville	24.73 332 P	P	17 43 10.7 +1.7
CLDB	Colider	24.78 141 eP	P	17 43 10.4 +0.8
PDRB	Porto dos Gac	24.79 144 eP	P	17 43 10.5 +0.7
LPAZ	La Paz	24.90 172 P	P	17 43 11.8 +0.5
LPAZ	comp=Z,7.5nm,0.6s,baz=97,slow=10,SNR=32	LR	LR	17 53 56.0
LPAZ	comp=Z,413nm,19.0s,baz=326,slow=39	P	P	17 43 11.9 +0.6
LPAZ	La Paz	24.90 172 eP	P	17 43 10.7 -0.6
LPAZ	La Paz	24.90 172 eP	P	17 43 28.6
CSU	Charleston Sou	25.60 343 P	P	17 43 19.1 +2.3
TMAB	Tom-Au,PA,Br	25.66 119 eP	P	17 43 19.1 +1.5
PRPB	Parauapebas	26.04 124 eP	P	17 43 22.2 +1.2
VSAC	Vigia	26.09 307 eP	P	17 43 21.0 -0.4
SIV	San Ignacio	26.45 157 P	P	17 43 25.4 +0.6
SIV	comp=Z,26nm,1.1s,baz=319,slow=8,SNR=31	Lg	Lg	17 51 43.5
PTLB	Pontes e Lacer	26.77 153 eP	P	17 43 28.5 +0.9
PTLB	Pontes e Lacer	26.77 153 eP	P	17 43 27.5 -0.1
PB16	IPOC Station P	26.79 176 P	P	17 43 26.9 -1.5
PB16			Iamb	17 43 31.0
1726	Waverly Hall	26.98 335 P	P	17 43 29.8 +0.5
BIRD	Birdtown, Kers	27.24 344 P	P	17 43 33.6 +1.7
HODGE	Hodges	27.43 340 P	P	17 43 34.6 +1.2
Z51A	Franklin	27.73 335 P	P	17 43 35.8 -0.3
KMSC	Kings Mountain	27.91 342 P	P	17 43 38.5 +0.2
PSGCX	Psigagua	28.00 177 P	P	17 43 36.1 -2.6
PSGCX			Iamb	17 43 45.4
PB11	IPOC Station P	28.19 176 P	P	17 43 39.2 -1.3
346A	Big Creek Wild	28.26 326 P	P	17 43 40.4 -0.5
346A			Iamb	17 44 15.8
U59A	Littleton	28.27 349 P	P	17 43 41.4 +0.5
SNDB	Serra Nova Dou	28.57 135 eP	P	17 43 45.3 +1.5
PB08	IPOC Station P	28.60 176 P	P	17 43 42.6 -1.9

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PB08	comp=Z,12nm,0.8s	Iamb	Iamb	17 44 25.9
Y49A	Blount Mountai	28.73 333 P	P	17 43 44.6 -0.4
TS9A	Double "B" Far	28.83 350 P	P	17 43 46.8 +0.8
SALV	Salvo	28.86 147 eP	P	17 43 47.2 +0.9
Z47A	Santo Antonio	28.95 330 P	P	17 43 49.3 -1.7
Z47A	Carrollton	28.95 330 P	P	17 44 00.1
TA01	Diego Aracena	28.97 178 P	P	17 43 46.0 -1.1
TA01			Iamb	17 43 50.3
344A	Westbrook Farm	29.03 324 P	P	17 43 47.4 -0.2
TKL	Tuckaleechee C	29.25 339 P	P	17 43 51.4 +0.8
TKL			Iamb	17 44 00.1
TKL	comp=Z,139nm,18.7s,baz=160,slow=40	LR	LR	17 57 17.3
TKL	Tuckaleechee C	29.25 339 P	P	17 43 49.9 +0.3
CPCT	Cooper Cave	29.33 338 P	P	17 43 51.9 +1.5
SMBT	Santa Maria do	29.37 126 eP	P	17 43 52.4 +1.5
W50A	Signal Mountai	29.42 336 P	P	17 43 51.7 +0.5
PB01	IPOC Station P	29.48 176 P	P	17 43 48.7 -3.2
PB01			Iamb	17 43 55.7
ROSB	Rosario	29.49 112 eP	P	17 43 53.4 +1.4
Y44A	Hartsele	29.51 333 P	P	17 43 51.7 -0.2
W50A	W50A	29.58 338 P	P	17 43 58.1 +1.3
BLA	Blacksburg	29.67 345 P	P	17 43 54.6 +1.2
BLA			Iamb	17 44 00.4
R61A	Willards	29.85 354 P	P	17 43 55.0 +0.1
PB07	IPOC Station P	30.13 177 P	P	17 43 55.3 -1.9
PB07			Iamb	17 44 02.6
PLAL	Pickwick Lake	30.42 332 P	P	17 43 59.6 -0.3
PLAL			Iamb	17 44 12.1
SS4A	Dingess, Beckl	30.46 344 P	P	17 44 01.3 +0.9
SS4A			Iamb	17 44 17.7
V48A	Smith Brothers	30.50 335 P	P	17 44 00.1 -0.6
V48A			Iamb	17 44 19.4
CLTN	Cedars of Libas	30.60 336 P	P	17 44 01.9 +0.3
CLTN			Iamb	17 44 48.3
PEXB	Peixe	30.81 131 eP	P	17 44 05.4 +1.7
LVC	Limon Verde	31.07 176 eP	P	17 44 05.6 -0.6
LVC	Limon Verde	31.07 176 P	P	17 44 04.2 -2.1
W45A	Hickory Valley P	31.08 331 P	P	17 44 06.5 +0.7
PB06	IPOC Station P	31.12 177 P	P	17 44 05.5 -1.0
PB06			Iamb	17 44 42.5
Q56A	Snyder Ridge,	31.15 348 P	P	17 44 05.7 -0.7
Q56A			Iamb	17 44 31.0
WWT	Waverly	31.26 334 P	P	17 44 07.2 -0.2
WWT			Iamb	17 44 18.7
PB10	IPOC Station P	31.89 179 P	P	17 44 12.1 -0.9
WLAR	White Oak Lake	32.03 324 P	P	17 44 14.1 -0.1
LUPA	Lehigh Univer	32.10 354 P	P	17 44 17.7 +1.0
LUPA			Iamb	17 44 22.8
NBPS	Pedro II - Pl	32.53 112 eP	P	17 44 20.0 +1.1
AQDB	Aquidauana	32.73 152 eP	P	17 44 21.7 +1.3
AQDB	Aquidauana	32.73 152 P	P	17 44 19.7 -0.9
AQDB			Iamb	17 44 28.7
WHAR	Wooly Hollow	32.76 327 P	P	17 44 20.2 -0.4
WHAR			Iamb	17 44 25.5
LCAR	Lake Charles	32.77 330 P	P	17 44 20.6 -0.1
LCAR			Iamb	17 44 26.1
MIAR	Mount Ida	32.91 325 P	P	17 44 22.2 +0.3
MIAR	</			

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like NEW Newport, PINE Pine Mountain, CO9A Christian Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like ZKR Zakros, HRKL Herakleio, ARG Arkhangelos, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like KHC Kasperske Hory, ESDC Sonseca Array, FINES FINESS Array B, etc.

NEIC 07 17:41:52.3e-1.7, 30:56s:0.04x:177:7W:0.2, h10km,2km, mb4.6/15, Error ellipse: s-maj=25.8km s-min=6.1km az=93.0

ICD 07 17:42:03.8:0.9, 29:61S:178:04W, h82km,14km, mb3.9/6, mb1 4.0/6, mb1mx3.6/39, mbtmp4.2/6, Error ellipse: s-maj=38.5km s-min=25.3km az=29.0

ISC 07 17:41:57.1+1.4, 30:33S:0:103:177.5W:0.2, h50km, N32, mb12.9/8, mb4.5/12, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

IGL 07 18:11:52.7e-1.7, 36:59N:6:12W, h0km, mb3.9/8, mb1 3.9/14, mb1mx3.7/53, mbtmp3.8/14, ML3.7/6, Error ellipse: s-maj=51.2km s-min=16.3km az=95.0

IGL 07 18:11:57.9, 36:71N:5:50W, h0km, ML3.8, LDG 07 18:11:58.7e-0.1, 36:64N:5:48W, h8km, M3.7/26, Error ellipse: s-maj=1.9km s-min=1.3km az=179.0

MDD 07 18:11:58.9e-0.3, 36:70N:5:41W, h0km, mbLg4.0/38, Error ellipse: s-maj=3.4km s-min=2.3km az=7.0, PAXIMO

MDD EMS: III INTENSIDAD MAXIMA, INMG 07 18:11:59.8:1.4, 36:69N:5:48W, h23km,2km, MD3.8, ML3.8, Error ellipse: s-maj=1.8km s-min=1.6km az=26.0

CNRM 07 18:11:59.5, 36:60N:5:60W, h8km, ml3.5, ISC 07 18:11:58.7e-0.9, 36:67N:0:02:545W:0.02, h30km,7km, n169, z80/278, mb4.2/8, 6C-6D, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like LUJA Lijar, CNIL Conil, ESDR Espera, etc.

7d 18h

EQUE	Quantar	1.69 71	↑Pn	Pb	18 12 28.0	-1.3
EQUE	124nm,0.4s,SNR=7.9			Pg	18 12 30.7	+4.4
EQUE	789nm,0.4s,SNR=5.0			Lg	18 12 55.2	
PVLZ	Peaen de	1.76 148	P	Pn	18 12 27.0	-0.1
PVLZ				S	18 12 48.4	-0.1
RSO	Sarsar	1.81 190	P	Pb	18 12 28.9	+2.3
EGSA	El Granado	1.84 298	↓Pn	Pn	18 12 28.2	0.0
EGRO	31nm,0.1s,SNR=18			Pg	18 12 32.2	+0.5
EGRO	226nm,0.3s,SNR=7.9			Sn	18 12 49.8	-0.7
EGRO	304nm,0.3s,SNR=5.2			Sn	18 12 55.7	
EGRO	407nm,0.2s,SNR=5.7			Lg	18 12 55.7	
PALE	Palemas	1.90 139	P	Pn	18 12 30.0	+0.9
PVAQ	Vaqueiros	1.96 293	ePn	Pn	18 12 29.7	-0.2
PVAQ				eSn	18 12 56.8	-0.8
PVAQ				eSg	18 13 00.5	+2.8
PVAQ				A	18 13 05.0	
PVAQ	442nm,0.4s			P	18 12 29.3	-0.6
PVAQ				Pn	18 12 30.0	+0.1
PBAR	Barrancos	1.96 320	ePn	A	18 13 05.0	
PBAR				A	18 13 05.0	
EBER	468nm,0.3s			Pn	18 12 32.9	+1.4
EBER	Berja	2.06 83	Pn	Pb	18 12 36.9	+1.3
EBER	10nm,0.3s,SNR=40			Pg	18 13 04.7	
EBER	64nm,0.3s,SNR=7.9			Lg	18 13 04.7	
PBDV	Barranco-do-Ve	2.07 287	ePn	Pn	18 12 31.7	+0.3
PBDV				eSn	18 12 55.8	-0.4
PBDV				eSg	18 13 01.6	+0.6
EALB	Alboran	2.08 110	Pn	Pb	18 12 32.7	+1.2
EALB	39nm,0.4s,SNR=7.9			Sn	18 12 58.0	+1.6
EALB	74nm,0.4s,SNR=7.9			Sn	18 12 32.9	+1.3
GORA	Gorafe	2.08 67	Pn	Pn	18 12 38.4	+2.5
GORA	42nm,0.3s,SNR=7.9			Pg	18 12 58.4	+1.8
GORA	135nm,0.2s,SNR=7.9			Sn	18 13 06.7	
GORA	437nm,0.4s,SNR=7.9			Lg	18 13 06.7	
GORA	1µm,0.4s,SNR=7.9			Lg	18 12 34.3	+0.9
EQES	Quesada	2.21 59	Pn	Pb	18 12 40.5	+2.5
EQES	14nm,0.2s,SNR=84			Pg	18 13 02.1	-2.8
EQES	85nm,0.3s,SNR=7.9			Sn	18 13 08.9	
EQES	159nm,0.2s,SNR=4.6			Lg	18 13 08.9	
EQES	268nm,0.2s,SNR=5.0			Lg	18 13 34.2	-0.1
PCVE	Castro Verde	2.28 296	ePn	Pn	18 13 00.8	-0.6
PCVE				eSn	18 13 10.1	+3.1
PCVE				eSg	18 13 21.2	
PCVE				A	18 13 21.2	
PBEJ	Beja	2.35 306	ePn	Pn	18 12 35.4	+0.1
PBEJ				eSn	18 13 03.7	+0.5
PBEJ				A	18 13 30.3	
EBAD	Badajoz	2.42 330	↓Pn	Pn	18 12 36.6	+0.4
EBAD	40nm,0.1s,SNR=18			Sn	18 13 05.6	+0.8
EBAD	133nm,0.2s,SNR=6.0			Lg	18 13 12.5	
EMEL	Melilla	2.44 123	Pn	Pn	18 12 38.4	+1.9
EMEL	64nm,0.2s,SNR=7.9			Sn	18 13 07.0	+1.8
EMEL	145nm,0.4s,SNR=7.9			Sn	18 12 37.3	0.0
MESJ	Messejana	2.50 299	eP	Sn	18 13 05.9	-0.9
MESJ				eS	18 13 08.2	
MESJ				IAML		
MESJ	Messejana	2.50 299	ePn	Pn	18 12 37.4	0.0
MESJ				eSn	18 13 07.2	+0.4
MESJ				A	18 13 26.3	
MESJ				A	18 13 26.3	
ENIJ	Nijar	2.62 82	Pn	Pn	18 12 39.6	+0.7
ENIJ	comp=N,4.1nm,0.3s,SNR=7.9			Pg	18 12 47.1	+2.2
ENIJ	comp=N,124nm,0.4s,SNR=7.9			Sn	18 13 10.5	+0.9
ENIJ	comp=N,86nm,0.4s,SNR=7.9			Lg	18 13 21.5	
ENIJ	comp=N,231nm,0.5s,SNR=7.9			Lg	18 13 21.5	
MORF	Marmelete	2.64 285	eP	Pn	18 12 39.1	-0.2
MORF				eS	18 13 09.4	-0.9
MORF				IAML	18 13 10.8	
MORF	Marmelete	2.64 285	ePn	Pn	18 12 39.1	-0.2
MORF				eSn	18 13 10.2	-0.2
MORF				A	18 13 25.6	
SESP	Santiago Espad	2.72 57	↑Pn	Pn	18 12 41.2	+0.6
SESP	comp=N,7.6nm,0.2s,SNR=18			Pg	18 12 49.4	+2.6
SESP	comp=N,56nm,0.3s,SNR=7.9			Sn	18 13 14.2	+1.7
SESP	comp=N,107nm,0.2s,SNR=7.9			Lg	18 13 24.4	
PVFI	Vila Bisbo	2.75 281	ePn	Pn	18 12 40.5	-0.3
PVFI				eSn	18 13 11.2	-1.7
PVFI				A	18 13 15.5	
PVFI	Vila Bisbo	2.75 281	Pn	Pn	18 12 40.4	-0.3
PVFI	comp=N,22nm,0.1s,SNR=42			Pg	18 12 49.4	+2.2
PVFI	comp=N,36nm,0.1s,SNR=7.9			Sn	18 13 10.9	-2.0
PVFI	comp=N,105nm,0.2s,SNR=5.8			Lg	18 13 26.5	
PVFI	comp=N,192nm,0.2s,SNR=7.9			Lg	18 12 40.4	-0.3
PVFI	Vila Bisbo	2.75 281	P	Pn	18 12 41.2	+0.4
PVFI	Evora	2.76 313	P	Pn	18 12 41.3	+2.8
PVFI	Evora	2.76 313	ePn	Pn	18 12 41.3	+0.4
PVFI				eSn	18 13 13.7	+0.6
PVFI				eSg	18 13 23.8	+3.1
PVFI				A	18 13 31.4	
PTEO	Sao Teotonio	2.76 289	ePn	Pn	18 12 41.2	+0.3
PTEO				eSn	18 13 13.2	0.0
PTEO				A	18 13 30.9	
PESTR	Estremoz	2.77 323	ePn	Pn	18 12 41.5	+0.4
PESTR				eSn	18 13 14.3	+0.8
PESTR				eSg	18 13 23.7	+2.6
PESTR				A	18 13 27.0	
PESTR	comp=N,216nm,0.3s			P	18 12 41.3	+0.3
PNCL	Nicolau / Gran	2.84 301	ePn	Pn	18 12 42.2	+0.2
PNCL				eSn	18 13 15.2	0.0
PNCL				A	18 13 15.8	
CHAS	Ista Isabel II	2.86 120	P	Pn	18 12 42.0	-0.3
CHAS				S	18 13 12.1	-3.8
PAB	San Pablo	3.00 16	Pn	Pn	18 12 45.3	+1.1
PAB	comp=N,0.9nm,0.1s,SNR=7.9			Sn	18 13 19.2	+0.1
PAB	comp=N,58nm,0.2s,SNR=7.9			Lg	18 13 30.8	
PAB	comp=N,312nm,0.4s,SNR=7.9			Lg	18 12 46.5	+2.3
PAB	LCRM	3.02 171	P	Pn	18 12 45.2	+0.6
TAF	Taforal	3.08 126	P	Pn	18 12 45.8	+0.4
PMRV	Miarv??o	3.15 331	ePn	Pn	18 12 46.5	+0.5
PMRV				eSn	18 13 23.8	+1.0
PMRV				A	18 13 27.2	
PMRV	comp=N,115nm,0.4s			eSg	18 13 36.5	+4.5
TLOR	Lorca, Murcia	3.16 71	Pn	Pn	18 12 47.3	+0.9
TLOR	comp=N,65nm,0.2s,SNR=7.9			Lg	18 13 40.8	
TLOR	comp=N,1µm,0.5s,SNR=7.9			Lg	18 12 48.5	+1.2
ESDC	Sonsec Array	3.22 21	Pn	Pn	18 12 24.4	-0.1
ESDC	comp=N,2.6nm,0.3s,baz=187,slow=12,SNR=44			Sn	18 12 24.4	-0.1
ESDC	comp=N,12nm,0.3s,baz=200,slow=16,SNR=4.7			Sn	18 12 24.4	-0.1

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ESDC	comp=N,35nm,0.3s,baz=199,slow=29,SNR=3.7			Lg	18 13 40.2	
ESDC	Sonsec Array	3.22 21	Pn	Pn	18 12 48.6	+1.4
ESDC	comp=N,3.5nm,0.2s,baz=200,slow=13,SNR=60			Sn	18 13 25.0	+0.5
ESDC	comp=N,33nm,0.3s,baz=199,slow=17,SNR=7.9			Sn	18 13 41.7	
ESDC	comp=N,695nm,0.5s,baz=203,slow=28,SNR=39			Lg	18 12 47.8	+0.2
PMTG	Montargil	3.25 318	ePn	Pn	18 13 25.6	+0.4
PMTG				eSn	18 13 38.3	+3.5
PMTG				eSg	18 13 47.2	
PMTG				A	18 13 47.2	
JBK	JBK	3.31 134	P	Pn	18 12 49.1	+0.5
ZHG	ZHG	3.37 197	P	Pn	18 12 48.7	+0.6
PCBR	Castelo Branco	3.54 334	ePn	Pn	18 12 52.3	+0.7
PCBR				eSn	18 13 31.4	-1.1
PCBR				eSg	18 13 50.6	+7.3
PCBR				A	18 13 59.9	
EMUR	La Murta	3.55 70	Pn	Pn	18 12 52.4	+0.6
EMUR	comp=N,4.1nm,0.3s,SNR=18			Pg	18 13 04.3	+3.5
EMUR	comp=N,16nm,0.3s,SNR=7.9			Lg	18 13 51.8	
EMUR	comp=N,136nm,0.5s,SNR=5.0			Lg	18 12 52.9	+0.8
LIS	Lisbon	3.58 306	ePn	Pn	18 13 34.4	+1.1
LIS				eSn	18 14 13.5	
LIS				A	18 14 13.5	
PMST	comp=N,242nm,0.6s			ePn	18 12 53.3	+0.8
PMST				eSn	18 13 35.3	+1.2
PMST				A	18 14 05.6	
CZD	Col de Zad	3.65 175	P	Pn	18 12 53.2	-0.2
ETOB	Tobarra	3.67 56	Pn	Pn	18 12 53.6	+0.2
ETOB	comp=N,19nm,0.2s,SNR=405			Sn	18 13 35.2	-0.4
ETOB	comp=N,0.9nm,0.5s,SNR=8.1			Lg	18 13 55.9	
ETOB	comp=N,235nm,0.5s,SNR=5.0			Lg	18 12 53.4	+0.1
CART	Cartagena	3.67 74	P	Pn	18 13 52.1	-3.4
PMFAFR	Mafr	3.80 308	ePn	Pn	18 13 55.5	+0.4
PMFAFR				eSn	18 13 38.8	0.0
PMFAFR				A	18 14 08.5	
PMFAFR	comp=N,261nm,0.4s			↓Pn	18 12 55.5	+0.4
PMFAFR	comp=N,37nm,0.2s,SNR=18			Sn	18 13 38.3	-0.5
PMFAFR	comp=N,325nm,0.2s,SNR=9.9			Lg	18 13 58.8	
PMFAFR	comp=N,394nm,0.4s,SNR=5.0			Lg	18 12 55.8	0.0
MD31	MD31	3.84 171	P	Pn	18 12 56.9	+0.6
PSBE	So Bento	3.88 318	ePn	Pn	18 13 41.4	+0.6
PSBE				eSn	18 14 00.1	+7.2
PSBE				eSg	18 14 17.6	
PSBE				A	18 14 17.6	
MDT	Midelt	3.91 170	Pn	Pn	18 12 56.5	-0.3
MDT	comp=N,3.7nm,0.3s,baz=190,slow=14,SNR=130			Sn	18 13 39.1	-2.6
MDT	comp=N,11nm,0.3s,baz=49,slow=20,SNR=11			Sn	18 12 56.8	0.0
MDT	Midelt	3.91 170	Pn	Pn	18 12 60.0	
UCM	Universidad Co	4.02 25	PO	Sn	18 12 60.0	
UCM				S	18 13 37.2	-1.7
MTE	Manteigas	4.07 337	ePn	Pn	18 13 03.0	+1.4
MTE				eSn	18 13 45.0	-0.5
MTE				eSg	18 14 06.5</	

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GERES, AKASG, DBIC, ZALV, TORO, SONM, HHC, HHC, CMAR, WRA, ASAR, MAW, MAW.

IDC 07 18:30:57.0.5.5.36.38N.70.53E, h194km,51km, mb3.1/5, mb1.3/2.10, mb1mx2.9/56, mbtmp3.7/10, Error ellipse: s-maj=41.9km s-min=25.3km az=27.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AML, UCH, KK31, KK31, EK32, AAK, AAK, AAK, AAK, AAK, BKB, CHMS, TKM2, TKM2, TKM2, MKAR, DAN, GKN, KURBN, DMN, KKN, PKIN, PKIN, JIRN, BVAR, AKTO, RAMN, TAPN, ODAN, ZALV, ARCES, TORO, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like UPA, CHGR2, CALO3, CALO3, BCIP, BCIP, VTON, VTON, BC02, BC02, FRUJ, FRUJ, CHIT3, CHIT3, GMAL, AZU, CACAO.

TIF 07 18:40:00.6.43.14N.41.42E, h19km,3km
MOS 07 18:40:02.7.0.0.43.17N.41.64E, h18km, MPVA3.2
NORS 07 18:40:03.0.0.0.43.16N.41.71E, h7km, MPVA3.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CHVG, CHVG, NEY, NEY, SHAI, AHMR, AHMR, KBZ, KBZ, KIV, RPIV, RPIV, VLSR, VLSR, BEYR, BEYR, TKB, TKB.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUZR, GUZR, PYA1, PYA1, DIGR, DIGR, NVNR, NVNR, LSNR, LSNR, ABS, ABS, LZRR, LZRR, BKRG, BKRG, LACR, LACR, MTEO, MTEO, DGRG, DGRG.

TUL 07 18:40:58.1.7.36.948N.0.010.97.84W.0.01, h5km,1km, ML3.1, mb_Lg2.6/16(NEIC), Error ellipse: s-maj=2.9km s-min=1.9km az=296.0

NEIC 07 18:40:58.0.0.9.36.936N.0.009.97.82W.0.02, h7km,6km, Error ellipse: s-maj=2.1km s-min=1.4km az=86.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OKLAHOMA, GCO2, KAN14, KAN17, KAN05, KAN05, KAN01, KAN09, KAN09, KAN13, KAN10, KAN10, KAN06, KAN06, KAN08, KAN08, OK032, OK032, KAN16, KAN16, KS20, KAN12, CROK, CROK, BLOK, BLOK, T3SA, T3SA, U32A, U32A, OK029, OK029, QUOK, QUOK, OK031, OK031, BCOK, BCOK, OK030, OK030, OK025, OK025, OKCFA, OKCFA, OKCSW, OKLAHOMA, R32A, FNO, TUL1, TUL1, TUL1, WMOK, X34A, X34A, KSU1, CBK5, U38A, U38A, LOOK, X37A, HHRAR, Z35A, S39A, S39A, W39A, AMTX, AMTX, MIAR, N35A, Z38A, ABTX, R40A, X40A, WHAR, WHTX, OGNE, OGNE, P40A, T25A, CCM, T42A, LCAR, PBMO, FVM, SDCO.

IDC 07 18:51:14.4.4.1.33.67N.138.86E, h113km,71km, mb2.8/3, mb1.2/9.4, mb1mx2.8/37, mbtmp3.1/4, Error ellipse: s-maj=145.0km s-min=30.1km az=62.0

JMA 07 18:51:15.1.0.2.34.03N.139.62E, h147km,2km, M2.9 Error ellipse: s-maj=145.0km s-min=30.1km az=62.0

ISC 07 18:51:15.3.1.0.34.00N.139.59E.0.08, h147km,7km, n19, <051/26, mb3.1/3, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JMKN, JMKN, JKO, JSJK, JSJK, JTHY, JTHY, JIM2, JIM2, JHJ2, JHJ2, JIZS, JIZS, BSO3, BSO3, BSO1, JOD2, JOD2, JTOJ, JTOJ, JFKN, JFKN.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TK02, SHZ3, SHZ3, MJAR, MJAR, MKAR, WRA, ASAR.

FUNV 07 18:52:09.2.8.44N.71.43W, h5km, MW3.0
ISC 07 18:52:08.4.1.6.859N.0.06.71.39W.0.04, h9km,13km, n12, <192/21, Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SOCV, SOCV, SOCV, SMLC, SMLC, BARC, BAUV, BAUV, MONV, MONV, BENV, BENV, BIRV, BIRV, PAMC, PAMC, PAMC, OCAC, OCAC, SIOV, SIOV, SMLC, SMLC, BARC, BAUV, BAUV, MONV, MONV, BENV, BENV, BIRV, BIRV.

IDC 07 18:57:47.5.4.1.3.91S.153.88E, h28km,41km, mb3.3/4, mb1.3/6.6, mb1mx3.3/32, mbtmp3.8/6, Error ellipse: s-maj=44.2km s-min=26.9km az=150.0

ISC 07 18:57:49.1.1.4.4.05S.0.02.153.9E.0.1, h100km, n6, <161/7, mb3.4/4, New Ireland region

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

FUNV 07 19:06:03.0.8.51N.71.46W, h5km, MW3.1
ISC 07 19:06:02.7.1.3.854N.0.05.71.43W.0.03, h10km,11km, n14, <198/24, Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SOCV, SOCV, SDV, SDV, SDV, SDV, CAPV, CAPV, PAMC, PAMC, PAMC, OCAC, OCAC, TAMC, TAMC, TAMC, BARC, BARC, BARC, SANM, SANM, SMLC, SMLC, SIOV, SIOV, BAUV, BAUV, BAUV, ZARCO, ZARCO, BENV, BENV, BENV, TACV, TACV, CACV.

JMA 07 19:06:15.9.33.26N.132.16E, h48km, M3.2
JMA Feil 1.1
KMA 07 19:06:19.1.99.0.33.50N.131.64E, h9km,999km, Error ellipse: s-maj=24.8km s-min=3.2km az=308.0

ISC 07 19:06:16.0.1.4.33.26N.132.18E.0.04, h46km,13km, n20, <031/28, 3C-2D, Shikoku

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like UWA2, UWA2, JNA, JNA, JUS, JUS, JUS, JSKE, JSKE, JTO, JTO, JKO, JKO, JKH, JKH, JHM, JHM, JIU3, JIU3, JIU3, KSBUS, KSBUS, KOHB, KOHB, BOBS, BOBS, NAWB, NAWB, KSKW, KSKW, KSKW, KSKW, KSJEO, KSJEO, KSJEU, KSJEU, GOCB, GOCB.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations Oyeondo, SEHWA, etc.

IDC 07 19:18:37.3, 2.38, 20N, 142.22E, h52km, 29km, mb3.2/3, mb1 3.5/7, mb1mx3.2/42, mbtmp3.6/7, ML3.0/4, Error ellipse: s-maj=43.1km s-min=24.2km az=89.0

JMA 07 19:18:38.9, 38.30N, 141.89E, h64km, 1km, M3.6 Broadband fault plane solution: P waves. NP1: 0.163, 0.0000, 0.836, 0.0000, 1.111, 0.0000. NP2: 0.318, 0.0000, 0.856, 0.0000, 0.75, 0.0000. Principal axes: T Plg74.0000, Azm187.0000, N Plig12.0000, Azm326.0000, P Plg170.0000, Azm58.0000

Main station list for 7D 19h. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations JIKH, JIKH, OURI, etc.

TUL 07 19:20:09.3, 0.8, 36.94N, 0.02, 97.84W, 0.02, h5km, 2km, ML3.1, mb_Lg2.715(NEIC), Error ellipse: s-maj=3.2km s-min=2.7km az=315.0

NEIC 07 19:20:09.7, 1.1, 36.919N, 0.009, 97.82W, 0.02, h3km, 7km, Error ellipse: s-maj=2.4km s-min=1.0km az=116.0

Main station list for 7D 19h (continued). Columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations GC02, KAN14, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations N38A, T42A, LCAR.

TUL 07 19:27:33.1, 1.1, 36.66N, 0.02, 98.72W, 0.05, h3km, 7km, ML3.0, mb_Lg3.055(NEIC), Error ellipse: s-maj=5.6km s-min=2.9km az=85.0

NEIC 07 19:27:34.3, 1.6, 36.65N, 0.01, 98.67W, 0.05, h8km, 7km, Error ellipse: s-maj=5.6km s-min=0.8km az=72.0

Main station list for 2015 NOV. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations U32A, U32A, OK032, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations SMLC, RUSC, etc.

BAUV El Baul 3.31 83 eP Pn 19 31 57.6 +0.9
BAUV 3.31 83 eS Pn 19 31 57.5 -2.4
MONV Montecano 3.67 22 eP Pn 19 32 02.6 +0.9

NEIC 07 19:39:45.4, 0.8, 36.33N, 0.01, 97.82W, 0.02, h4km, 7km, mb_Lg2.615, Error ellipse: s-maj=3.1km s-min=0.9km az=126.0, Oklahoma

Main station list for 410. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations GC02, KAN14, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes entries for ANIL, RUSC, ROSC, CHIC, MARP, SOTA, etc.

FUNV 07 19:42:03.3, 8.39N, 71.41W, h3km, MW3.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes entries for SOCV, SDV, CAPV, PAMC, etc.

ROM 07 19:53:44.0, 0.2, 43.70N, 0.1, 77.9E, 0.02, h18km, 2km, M2.5/11, Error ellipse: s-maj=1.4km s-min=0.8km

GEN 07 19:53:44.8, 43.70N, 77.83E, h9km, 2km, M1.2, LDG 07 19:53:45.3, 0.1, 43.77N, 77.76E, h16km, M2.2, M2.2/15, Error ellipse: s-maj=2.2km s-min=1.6km az=170.0

STR 07 19:53:45.4, 1.0, 44.1N, 4.1, 77.8E, h6km, M2.2, 1/6, preliminary

ISC 07 19:53:44.0, 0.8, 43.70N, 0.0, 77.7E, 0.02, h17km, n68, a152/96, 2C-5D, Near south coast of France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes entries for BURY, IMI, SBF, ESCA, SAOF, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes entries for SAOF, MGRO, TURF, RORO, etc.

MAN 07 20:00:14.8, 7.23N, 126.41E, h16km, mb4.7, ML3.6, MS3.4, Mindanao

INMG 07 20:01:14.2, 0.8, 27.63N, 18.04W, h0km, ML3.2, Error ellipse: s-maj=3.2km s-min=1.7km az=24.0

MDD 07 20:01:14.1, 1.0, 6.27, 70N, 18.06W, h12km, 4km, mbLg3, 8/14, Error ellipse: s-maj=6.1km s-min=2.0km az=164.0

MDD EMS: III INTENSIDAD MAXIMA

CNRM 07 20:01:15.0, 28.16N, 17.65W, h0km, m4.1

ISC 07 20:01:07.1, 4.275N, 0.09, 18.05W, 0.07, h30km, 9km, n24, a189/47, 6D, Canary Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes entries for CTAN, CTAD, CTAD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes entries for CORC, CTIG, EGOM, MACI, etc.

ROM 07 20:02:49.1, 1.0, 2.43, 70N, 0.0, 27.80E, 0.02, h20km, 1km, M2.6/11, Error ellipse: s-maj=1.6km s-min=1.1km az=334.0

LDG 07 20:02:49.1, 1.0, 2.43, 70N, 7.82E, h15km, M2.6/2, M2.4/22, Error ellipse: s-maj=3.0km s-min=1.9km az=154.0

STR 07 20:02:50.0, 4.0, 44.1N, 3.1, 77.8E, h11km, 3km, M2.4, preliminary

GEN 07 20:02:50.0, 4.3, 43.71N, 7.81E, h11km, 3km, M2.4, preliminary

ISC 07 20:02:48.5, 0.8, 43.69N, 0.0, 77.81E, 0.02, h17km, n68, a204/116, 2C-4D, Near south coast of France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes entries for BURY, IMI, ESCA, SAOF, etc.

7d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like Saint Ours, Digne, Argentario, Rochetta Tana, etc.

TUL 07 20:10:55.8-0.9, 36.94N, 0.02-97.84W, 0.02, h2km, 7km, ML3.0, mb, Lg2.5/23(NEIC), Error ellipse: s-maj=2.6km s-min=1.3km az=137.0

NEIC 07 20:10:56.2-0.9, 36.92N, 0.02-97.82W, 0.02, h3km, 7km, Error ellipse: s-maj=2.7km s-min=1.4km az=136.0

Table with columns: Code, Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like Grant County, Manchester OK, Caldwell West, etc.

2015 NOV

Table with columns: U38A, Gravette, X37A, Clayton, H37A, Hobbs, etc. Includes station names and coordinates.

ISK 07 20:30:13.3, 36.63N, 28.16E, h69km, 1km, ML2.9/20 DDA 07 20:30:14.0, 36.71N, 28.11E, h59km, 5km, ML2.7

NIC 07 20:30:15.6, 0.0, 36.15N, 28.40E, h66km, 2km, ML3.4/2 ISK 07 20:30:12.7, 1.3, 36.60N, 0.04, 28.16E, 0.03, h73km, 7km, n47, r190/66, 1C, Dodecanese Islands

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

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Azm322.0000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function MOS 07 20:57:53.1, 1.1, 10.01S, 111.27E, h35km, mb5.4/34, MS4.4/5 Error ellipse: s-maj=8.3km s-min=4.9km az=117.9

NEIC 07 20:57:54, 10.29S, 111.16E, h18km, Moment Tensor Solution. Duration: 80 Moment tensor: Scale 10^16Nm; Mr=2.08; Mw=2.58; Mww=0.50; Mw=1.79; Mww=0.50; Mw=1.54; Fault plane solution: M3.38000x10^16 NP1: phi22.0000; delta.0000; lambda.132.0000 NP2: phi22.0000; delta.0000; lambda.69.0000 Principal axes: T 3.4448, Plg12.0000, Azm196.0000; N -0.1258, Plg20.0000, Azm294.0000; P -3.3189, Plg61.0000, Azm63.0000

ISC 07 20:57:52.3, 0.6, 10.16S, 0.03, 111.18E, 0.03, h19km, 2km, n619, r193/647, mb5.2/156, MS4.1/33, 23C-59D, Fault plane solution: NP1: phi310.12134, delta.824, 18721.1, lambda.98.67098 NP2: phi139.61224, delta.666, 10659.7, lambda.86.12620 Principal axes: T Plg21.0159, Azm26.6788, N Plg53.5414, Azm318.0412; P Plg68.6596, Azm57.1554; Fault plane solution: NP1: phi85.38635, delta.791744, lambda.74.48846 NP2: phi242.8908, delta.34474, lambda.106.4966 Principal axes: T Plg1.8213, Azm164.4803; N Plg11.44883, Azm254.8493; P Plg78.4039, Azm65.5658; South of Java

Table with columns: Code, Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like Pacitan, Wanagama, Semarang, etc.

WMQ		pP	21 07 46.6	-1.1	
WMQ		sP	21 07 56.4	+4.3	
WMQ		pmx			
WMQ	comp=Z,37nm,3.6s	LR	LR		
WMQ	comp=Z,360nm,29.2s	LR	LR		
WMQ	comp=Z,580nm,29.1s	LR	LR		
ULN	comp=Z,130nm,26.5s	LR	LR		
ULN	Ulanbaatar	57.88 357	d/P	pmax	21 07 42.8 -0.3
ULN	comp=Z,24nm,1.0s	P	pmax		
ULN	Ulanbaatar	57.88 357	P	IAMB	21 07 42.7 -0.3
ULN	comp=Z,34nm,0.7s	P	pmax		
SONM	Songino Array	57.90 356	P	P	21 07 43.0 -0.2
SONM	comp=Z,14nm,0.7s,baz=177,slow=8.2,SNR=113	P	P	P	21 08 35.7 +0.3
SONM	comp=Z,4.8nm,0.6s,baz=181,slow=6.3,SNR=5.3	LR	LR		
SONM	Songino Array	57.90 356	P	IAMB	21 07 42.9 -0.2
SONM	comp=Z,23nm,0.7s	P	pmax		
SONM	Kashi	59.26 329	P	P	21 08 35.7 +0.3
KSH		pP	21 07 51.0	-1.8	
KSH		sP	21 07 56.5	-1.4	
KSH		pmx	21 07 58.2	-1.4	
ERM	comp=Z,19nm,0.7s	P	P		
ERM	Erimo	59.64 27	P	pmax	21 07 57.0 +1.8
ERM	comp=Z,74nm,1.2s	P	P		
ERM	Erimo	59.64 27	P	P	21 07 57.0 +1.8
KBL	Kabul	59.75 320	P	pmax	21 07 55.1 -1.3
KBL	comp=Z,19nm,0.9s	P	pmax		
KBL	Kabul	59.75 320	P	IAMB	21 07 55.1 -1.3
KBL	comp=Z,19nm,0.9s	P	pmax		
MLZ	Mavora Lakes	59.80 137	P	P	21 07 56.4 -0.1
WHZ	Wether Hill Ro	59.85 138	P	P	21 07 57.1 +0.4
TARG	Taragay, Kyrgy	60.05 332	IAMB	IAMB	21 07 58.9 +0.3
PRZ	comp=Z,24nm,1.0s	P	pmax		
PRZ	Przheval'sk	60.37 333	P	pmax	21 08 00.9 +0.4
PRZ	comp=Z,65nm,1.3s	P	P		
PRZ	Przheval'sk	60.37 333	P	P	21 08 00.9 +0.4
UZB	Uzymbulak	60.62 333	eP	P	21 08 02.3 +0.2
ZAK	Zakamensk	60.68 354	eP	pmax	21 07 59.1 -3.2
ZAK	comp=Z,8.0nm,1.1s	P	pmax		
LBZ	Lake Benmore	60.94 135	P	P	21 08 03.5 -0.7
DRK	Karamyk	61.45 326	P	P	21 08 08.1 +0.1
KLR	Kul'dur	61.84 150	d/P	pmax	21 08 08.5 -1.6
KLR	comp=Z,12nm,1.3s	P	pmax		
TLY	Talaya	61.93 355	P	P	21 08 10.9 +0.3
GAR	Garm	61.95 325	P	P	21 08 09.8 -1.4
GAR	comp=Z,30nm,0.8s	P	pmax		
ARXS	Arhariy	61.99 333	eP	P	21 08 10.5 -0.8
TKM2	Tokmak 2	62.02 331	P	P	21 08 11.8 +0.2
KBK	Karagaybulak	62.13 330	P	P	21 08 13.1 +0.7
MOY	Mondy	62.20 353	eP	pmax	21 08 12.6 0.0
MOY	comp=Z,29nm,2.7s	P	pmax		
THZ	Tophouse	62.28 132	P	P	21 08 14.0 +0.6
MK31	Makanchi Array	62.30 338	d/P	P	21 08 13.1 -0.1
MK31	Makanchi Array	62.30 338	d/P	P	21 08 12.9 -0.3
MK31	comp=Z,17nm,0.7s	P	IAMB	IAMB	21 08 28.3
MKAR	Makanchi Array	62.30 338	P	P	21 08 13.2 -0.1
MKAR	comp=Z,14nm,0.5s,baz=149,slow=7.5,SNR=11.1	LR	LR		
AAK	Ala-Archa	62.34 330	P	P	21 08 14.2 +0.4
AAK	comp=Z,103nm,19.1s,baz=148,slow=39	P	P		
AAK	Ala-Archa	62.34 330	iP	P	21 08 14.2 +0.4
AAK	Ala-Archa	62.34 330	d/P	P	21 08 13.8 +0.1
AAK	comp=Z,48nm,1.0s	P	pmax		
AAK	Ala-Archa	62.34 330	P	IAMB	21 08 13.5 -0.2
AAK	comp=Z,28nm,1.4s	P	pmax		
AML	Almayashu	62.36 329	P	P	21 08 14.3 +0.1
AML	Almayashu	62.36 329	iP	P	21 08 14.3 +0.1
CHGR	Chuyangaron	62.38 324	P	P	21 08 12.2 -1.8
BTK	Batken	62.39 326	P	pmax	21 08 13.5 -0.6
BTK	comp=Z,12nm,0.7s	P	IAMB	IAMB	21 08 13.5 -0.6
BTK	Batken	62.39 326	P	IAMB	21 08 13.5 -0.6
FRU1	Bishkek	62.40 330	P	pmax	21 08 13.9 -0.1
FRU1	comp=Z,30nm,0.9s	P	IAMB	IAMB	21 08 13.5 -0.1
FRU1	Bishkek	62.40 330	P	IAMB	21 08 13.5 -0.1
MAKZ	Makanchi	62.42 338	P	pmax	21 08 13.4 -0.7
MAKZ	comp=Z,8.0nm,0.7s	P	IAMB	IAMB	21 08 13.4 -0.7
MAKZ	Makanchi	62.42 338	P	IAMB	21 08 13.4 -0.7
CHMS	Chumysh	62.48 331	P	P	21 08 14.4 -0.2
VOI	Voititsoka	62.60 251	P	IAMB	21 08 16.5 +0.6
VOI	comp=Z,23nm,1.2s	P	P		
EKS2	Erkin-Say	62.71 330	P	P	21 08 16.6 +0.4
USP	Ospenovka	62.80 331	P	P	21 08 16.8 0.0
DGZ	Jazzator, Alta	63.14 343	d/P	pmax	21 08 19.3 +0.4
DGZ	comp=Z,43nm,0.9s	P	pmax		
SOHO	SOHO	63.31 303	P	P	21 08 24.9 +4.5
YSS	Yuzh-Sakhalins	63.46 24	eP	P	21 08 19.8 -1.1
YSS	comp=Z,40nm,1.2s	P	pmax		
YSS	Yuzh-Sakhalins	63.46 24	P	P	21 08 20.1 -0.7
YSS	comp=Z,300nm,14.0s	P	P		
YSS	Yuzh-Sakhalins	63.46 24	P	P	21 08 20.1 -0.7
UOSS	Minazif	63.93 304	P	P	21 08 24.7 +0.2
UOSS	Minazif	63.93 304	P	IAMB	21 08 25.6 +0.7
ASHO	Ashiyah	63.94 304	P	P	21 08 24.8 +0.2
HATD	Hatta, Dubai	63.94 304	P	P	21 08 25.2 +0.6
IDH	Madina	64.01 305	P	P	21 08 26.3 +1.3
TAS	Tashkent	64.10 326	P	pmax	21 08 25.0 -0.3
TAS	comp=Z,55nm,0.9s	P	pmax		
TAS	Tashkent	64.10 326	P	P	21 08 25.0 -0.3
HRA	Herat	64.13 316	P	P	21 08 24.5 -1.4
IUG	Iuzhnay	64.27 327	eP	P	21 08 26.3 -0.2
FAQ	Al Faqa, Dubai	64.35 304	iP	P	21 08 27.5 +0.3
BTL	Baital	64.35 332	eP	P	21 08 26.1 -0.7
NAZ	Nazwa, Dubai	64.35 332	P	P	21 08 26.9 +0.4
BKZ	Black Stump Fm	64.54 129	P	IAMB	21 08 27.9 -0.5
BKZ	comp=Z,19nm,0.8s	P	pmax		
KK31	Karatay Array	64.69 328	P	pmax	21 08 28.0 -1.1
KK31	comp=Z,11nm,1.2s	P	pmax		
KK31	Karatay Array	64.69 328	P	P	21 08 28.0 -1.1
KKAR	Karatay Array	64.69 328	P	P	21 08 27.9 -1.2
KKAR	Karatay Array	64.69 328	P	P	21 08 27.9 -1.2
KKAR	Karatay Array	64.69 328	P	IAMB	21 08 28.0 -1.1
KKAR	comp=Z,11nm,1.2s	P	pmax		
MSVF	Nonsavu	65.06 105	P	pmax	21 08 33.3 +1.1

MSVF	comp=Z,27nm,0.9s	P	P			
MSVF	Nonsavu	65.06 105	P	IAMB	21 08 33.3 +1.1	
MSVF	comp=Z,27nm,0.8s	P	pmax			
ZEA	Zeya	65.10 10	eP	pmax	21 08 31.2 -0.3	
ZEA	comp=N,10.0nm,1.4s	pmx	pmx			
ZEA	comp=Z,10.0nm,1.1s	MLR	MLR			
ZEA	comp=Z,300nm,18.0s	P	P			
MAW	Mawson	65.62 198	P	P	21 08 34.4 -0.4	
MAW	comp=Z,6.4nm,0.8s,baz=52,slow=7.7,SNR=14	LR	LR			
MAW	Mawson	65.62 198	P	P	21 08 36.0 +1.3	
MAW	comp=Z,167nm,18.3s,baz=51,slow=32	LR	LR			
MAW	Mawson	65.62 198	P	P	21 08 35.1 +0.4	
MAW	comp=Z,6.2nm,0.5s,baz=142,slow=4.6,SNR=32	LR	LR			
KURK	Kurchatov	66.91 338	d/P	pmax	21 08 42.8 -0.4	
KURK	comp=Z,15nm,1.0s	P	P			
KURK	Kurchatov	66.91 338	P	IAMB	21 08 42.6 -0.6	
KURK	comp=Z,13nm,0.7s	P	pmax			
ZAAO	Zalesovo Array	67.66 344	P	P	21 08 47.2 -0.7	
ZAAO	comp=Z,13nm,0.9s	P	IAMB	IAMB	21 08 48.4	
ZALV	Zalesovo Beam	67.66 344	P	P	21 08 47.1 -0.9	
ZALV	comp=Z,6.2nm,0.5s,baz=142,slow=4.6,SNR=32	LR	LR			
ZALV	Zalesovo Beam	67.66 344	iP	P	21 08 47.2 -0.7	
ZALV	comp=Z,6.0nm,0.4s	pmx	pmx			
BOD	Bodaibo	67.78 2	eP	pmax	21 08 48.2 -0.4	
BOD	comp=Z,20nm,0.9s	P	pmax			
GEYT	Alibek	68.87 317	P	P	21 08 56.4 +0.5	
GEYT	comp=Z,9.5nm,0.8s,baz=167,slow=10,SNR=11	P	P			
GYA0B	ALIBECK ARRAY	68.87 317	P	IAMB	21 08 55.9 0.0	
GYA0B	comp=Z,17nm,0.8s	P	pmax			
BRVK	Borovoye	71.98 335	d/P	pmax	21 09 14.1 -0.4	
BRVK	comp=Z,14nm,1.3s	P	P			
BRVK	Borovoye	71.98 335	P	P	21 09 14.1 -0.4	
VNDA	Vanda	72.13 170	P	P	21 09 15.4 +0.2	
VNDA	comp=Z,8.6nm,0.9s,baz=312,slow=5.6,SNR=45	P	P			
VNDA	Vanda	72.13 170	P	P	21 09 15.6 +0.4	
RAYN	Ar Rayn	72.38 299	P	P	21 09 17.9 +0.3	
RAYN	Ar Rayn	72.38 299	P	pmax	21 09 17.5 -0.2	
RAYN	comp=Z,14nm,0.9s	P	IAMB	IAMB	21 09 17.5 -0.2	
RAYN	Ar Rayn	72.38 299	P	IAMB	21 09 19.1	
SBA	Scott Base	73.19 169	P	pmax	21 09 22.2 +0.8	
SBA	comp=Z,19nm,1.2s	P	pmax			
SBA	Scott Base	73.19 169	P	IAMB	21 09 22.2 +0.8	
SBA	comp=Z,19nm,1.2s	P	pmax			
YAK	Yakutsk	73.41 9	d/P	eP	21 09 21.8 -1.0	
YAK	comp=Z,99nm,0.9s	P	pmax			
YAK	Yakutsk	73.41 9	P	P	21 09 22.0 -0.8	
YAK	comp=Z,11nm,0.7s	P	pmax			
YAK	Yakutsk	73.41 9	P	P	21 09 22.0 -0.8	
YAK	comp=Z,52nm,16.0s	MLR	MLR			
BILL	Bilibino	87.16 18	P	IAMB	21 10 35.8 -0.9	
BILL	comp=Z,13nm,0.8s	P	IAMB	IAMB	21 10 37.3	
LPSR	Galich'ya Gora	87.47 324	eP	pmax	21 10 37.8 -0.7	
LPSR	comp=Z,30nm,1.0s	P	pmax			
ANTO	Ankara	87.67 311	P	pmax	21 10 40.1 +0.2	
ANTO	comp=Z,27nm,1.2s	P	pmax			
ANTO	Ankara	87.67 311	P	IAMB	21 10 40.1 +0.2	
ANTO	comp=Z,27nm,1.2s	P	pmax			
PRGR	Pergore	87.67 334	eP	pmax	21 10 37.0 -2.3	
PRGR	comp=Z,57nm,1.0s	P	pmax			
BR231	Keskin MP Arra	87.68 311	P	IAMB	21 10 40.3 +0.3	
BR231	comp=Z,20nm,0.9s	P	IAMB	IAMB	21 10 41.9	
SNA	Sanae	87.74 197	P	P	21 10 41.1 +1.4	
SNA	Sanae	87.74 197	P	P	21 10 40.7 +1.1	
SNA	comp=Z,10nm,0.9s,baz=108,slow=4.0,SNR=11	P	pmax			
SNA	Sanae	87.74 197	eP	pmax	21 10 40.4 +0.7	
SNA	comp=Z,14nm,1.0s	P	IAMB	IAMB	21 10 40.2 +0.5	
SNA	Sanae	87.74 197	P	IAMB	21 12 44.2	
MDUB	Mudurnu	89.01 311	P	P	21 10 46.7 +0.4	
ELL	Elmali	89.11 307	P	pmax	21 10 47.1 +0.2	
ELL	comp=Z,58nm,0.9s	P	pmax			
ELL	Moscow	89.11 307	P	P	21 10 47.1 +0.2	
MOS	Moscow	89.25 327	eP	P	21 10 44.2 -2.7	
MOS	comp=Z,35nm,1.4s	P	pmax			
MOS	Neumayer-Watz	89.39 197	P	P	21 10 48.1 +0.7	
MOS	Obninsk	89.62 326	P	P	21 10 48.6 0.0	
MOS	Obninsk	89.62 326	eP	P	21 10 57.6	
MOS	Obninsk	89.62 326	P	P	21 11 06.5	
MOS	Obninsk	89.62 326	P	SSS	21 27 41.0 +5.7	
MOS	Obninsk	89.62 326	P	pmax	21 31 15.0	
MOS	comp=Z,50nm,2.5s	MLR	MLR			
OBN	Obninsk	89.62 326	P	P	21 10 48.9 +0.3	
OBN	Obninsk	89.62 326	P	P	21 10 49.7 +0.1	
OBN	Obninsk	89.62 326	P	P	21 10 51.5 +0.5	
OBN	Obninsk	89.62 326	P	pmax		
WIN	Windhoek	89.88 247	P	IAMB	21 10 51.5 +0.5	
WIN	comp=Z,15nm,0.9s	P	IAMB	IAMB	21 10 54.1	
WIN	Windhoek	89.88 247	P	IAMB	21 10 54.1	
WIN	comp=Z,15nm,0.9s	P	IAMB	IAMB	21 10 54.1	
KLMR	Klimovskoe	90.07 332	eP	pmax	21 10 47.4 -3.2	
KLMR	comp=Z,26nm,1.1s	P	pmax			
KLMR	Klimovskoe	90.07 332	eP	P	21 10 47.4 -3.2	
KLMR	comp=Z,26nm,1.1s	P	pmax			
KLMR	Klimovskoe	90.07 332	eP	P	21 10 51.7	
AKASG	comp=Z,5.0nm,0.9s,baz=88,slow=4.5,SNR=16	P	P			
AKASG	Malin Array Be	92.73 321	P	P	21 11 02.5 -0.7	
AKASG						

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BMAR, BORD, TORODI, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like P49A, P49B, P49C, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PTGA, KOWA, TORD, etc.

Table with columns: CRES, Station Name, Time, Res, Pn, S, Mb, Ms, ISC, etc. Includes stations like CRES, NKME, NTJ, etc.

Table with columns: Station Name, Time, Res, Pn, S, Mb, Ms, ISC, etc. Includes stations like VYHNS, VYHS, VYTS, etc.

Table with columns: Station Name, Time, Res, Pn, S, Mb, Ms, ISC, etc. Includes stations like CTA, CTAO, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Paso Flores, Itaboi, Villa Florida, etc.

TEH 07 22:24:13.2, 30.21N, 51.33E, h8km, ML3.5
DSN 07 22:24:13.4, 1.8, 29.86N, 51.26E, h10km, ML3.5/5, Error ellipse: s-maj=28.0km s-min=14.8km az=53.0
THR 07 22:24:14.6, 0.3, 30.25N, 51.36E, h16km, 9km, ML3.6
KISR 07 22:24:14.8, 0.8, 30.04N, 51.29E, h23km, 384km, ML3.9
OMAN 07 22:24:18.4, 0.5, 29.87N, 51.66E, h5km, 31km, Error ellipse: s-maj=64.2km s-min=5.2km az=340.0
ISC 07 22:24:14.0, 0.8, 30.17N, 0.04, 51.40E, h15km, n68, r1568/80, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Kazerun, Kolanjah, Behbahan, Shiraz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Cedar Bluff, Gravette, Clayton, etc.

JMA 07 22:32:52.3, 36.01N, 137.34E, h6km, M3.2, 3C-1D
Broadband fault plane solution: P waves. NP:1
(349.00000, 887.00000, -1.00000); NP2:(375.00000, 889.00000, -1.177.00000) Principal axes: T Plg1.00000, Azm214.00000; N Plg87.00000; Azm106.00000; P Plg3.00000, Azm304.00000; Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Niukaw, Ttatey, Yamagatataniai, etc.

IDC 07 22:36:02.6, 1.4, 37.35N, 15.93E, h0km, mb3.6/5, mb1 3.8/9, mb1mx3.5/49, mbtmp3.8/9, ML3.9/4, MS3.2/2, Ms1 3.2/2, ms1mx2.4/46, Error ellipse: s-maj=30.8km s-min=11.0km az=177.0
ROM 07 22:36:04.5, 0.1, 37.225N, 0.006, 15.884E, 0.009, h23km, ML3.5/73, Error ellipse: s-maj=0.8km s-min=0.5km az=297.0
NEIC 07 22:36:04.4, 1.6, 37.27N, 0.05, 15.91E, 0.04, h18km, 6km, Error ellipse: s-maj=7.8km s-min=4.2km az=163.0
PDG 07 22:36:08.7, 0.1, 37.77N, 16.42E, h10km, 1km, ML3.9/11, Error ellipse: s-maj=1.3km s-min=1.0km az=90.0
ISC 07 22:36:02.9, 1.2, 37.32N, 0.03, 16.01E, 0.03, h10km, 8km, n207, z809/244, mb3.9/10, 18C-23D, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Augusta-Monte, Palizzi, Sarno, Sorlino, etc.

7d 22h

AIO	comp=E,2445µm,1.4s	AML	AML		
AIO	comp=N,2240µm,1.6s	AML	AML		
ESLN	Serra La Nave	0.91 295	P	Pg	22 36 20.5 +0.1
ESLN	comp=N,2125µm,0.7s	AML	AML		
HLNI	comp=N,2960µm,0.3s	AML	AML		
HLNI	Lentini	0.91 272	↑P	Pb	22 36 19.9 -1.0
HLNI	comp=N,16550µm,0.7s	AML	AML		
HLNI	comp=N,19700µm,1.1s	AML	AML		
MSCL	Scilla	0.93 349	P	Pn	22 36 22.9 +0.7
MSCL	comp=N,4950µm,0.5s	AML	AML		
MSCL	comp=E,5460µm,0.4s	AML	AML		
CEL	Celeste	0.94 354	P	Pn	22 36 23.1 +0.7
CEL	comp=E,2075µm,0.5s	AML	AML		
CEL	comp=N,1580µm,0.6s	AML	AML		
CEL	comp=E,2080µm,0.5s	AML	AML		
CEL	comp=N,1965µm,0.6s	AML	AML		
CEL	comp=E,2490µm,0.5s	AML	AML		
CEL	Celeste	0.94 354	P	Pn	22 36 23.1 +0.7
HPAC	Pachino	0.95 230	↑P	Pb	22 36 36.9 +0.8
HPAC	comp=N,4115µm,0.4s	AML	AML		
HPAC	comp=N,3945µm,0.2s	AML	AML		
ESML	S. M. di Licod	0.95 289	↑P	Pg	22 36 21.2 -0.1
MCSR	Castroreale	0.96 321	↑P	Pg	22 36 22.4 +1.0
MCSR	comp=N,5260µm,0.3s	AML	AML		
MCSR	comp=N,4965µm,0.3s	AML	AML		
MPNC	Port Mandanici	0.98 328	↑P	Pg	22 36 22.8 +1.0
MPNC	comp=N,5020µm,0.7s	AML	AML		
MPNC	comp=E,4485µm,0.3s	AML	AML		
EMSG	Monte Spagnolo	0.98 301	P	Pg	22 36 22.4 +0.6
EMSG	comp=N,4005µm,0.5s	AML	AML		
EMSG	comp=N,4845µm,0.3s	AML	AML		
NOV	Novara	0.99 316	↑P	Pg	22 36 22.6 +0.6
NOV	comp=N,2950µm,0.5s	AML	AML		
NOV	comp=N,1955µm,0.5s	AML	AML		
MSRU	Castanea	1.02 337	↑P	Pn	22 36 24.1 +0.7
MSRU	comp=N,4010µm,0.5s	AML	AML		
MSRU	comp=N,3780µm,0.3s	AML	AML		
HMDC	Modica	1.05 250	↑P	Pn	22 36 21.8 -2.0
HMDC	comp=N,4505µm,1.2s	AML	AML		
HMDC	comp=N,6100µm,0.1s	AML	AML		
EPZF	Pizzo Felice	1.05 299	P	Pb	22 36 23.5 +0.2
EPZF	comp=N,4880µm,1.1s	AML	AML		
EPZF	comp=N,6250µm,0.4s	AML	AML		
EPZF	comp=N,4875µm,1.1s	AML	AML		
ECNV	Pizzo Felice	1.05 299	P	Pb	22 36 22.9 -0.4
ECNV	Catenanuova	1.07 285	↑P	Pb	22 36 23.7 +0.1
ECNV	comp=N,4875µm,0.8s	AML	AML		
ECNV	comp=N,3810µm,0.3s	AML	AML		
ECNV	Catenanuova	1.07 285	P	Pb	22 36 23.7 +0.1
MILZ	Milazzo	1.14 327	P	Pb	22 36 25.1 +0.4
MILZ	comp=N,3175µm,1.5s	AML	AML		
MILZ	comp=N,6810µm,0.4s	AML	AML		
MUCR	Ucria	1.16 309	↑P	Pb	22 36 25.1 0.0
MUCR	comp=N,3905µm,0.3s	AML	AML		
MUCR	comp=N,3810µm,0.3s	AML	AML		
PLAC	Placanca	1.18 16	↑P	Pn	22 36 27.5 +1.9
PLAC	comp=N,682µm,0.4s	AML	AML		
PLAC	comp=N,540µm,0.5s	AML	AML		
PLAC	comp=N,576µm,0.5s	AML	AML		
PLAC	comp=N,696µm,0.4s	AML	AML		
GALF	Gagliano Caste	1.22 289	↑P	Pn	22 36 25.9 -0.2
GALF	comp=N,2500µm,0.8s	AML	AML		
GALF	comp=N,1245µm,0.8s	AML	AML		
GALF	Gagliano Caste	1.22 289	P	Pn	22 36 25.9 -0.2
CAGR	Agira	1.24 285	↑P	Pn	22 36 26.6 +0.2
CAGR	comp=N,2890µm,0.4s	AML	AML		
CAGR	comp=N,3040µm,1.4s	AML	AML		
VAE	Valguarnera	1.28 278	Pg	Pg	22 36 27.7 +0.6
VAE	comp=N,5.1nm,0.3s,baz=125,slow=9.3,SNR=39	AML	AML		
VAE	Joppolo	1.29 356	P	Pg	22 36 28.5 +0.8
JOPP	comp=N,1450µm,0.6s	AML	AML		
JOPP	comp=N,1450µm,0.6s	AML	AML		
JOPP	comp=N,1240µm,0.3s	AML	AML		
RAFF	Raffo Rosso	1.32 266	P	Pn	22 36 26.7 -0.8
RAFF	comp=N,3455µm,1.0s	AML	AML		
RAFF	comp=N,4055µm,0.6s	AML	AML		
RAFF	Raffo Rosso	1.32 266	P	Pn	22 36 26.7 -0.8
MSFR	San Fratello	1.34 303	↑P	Pn	22 36 28.1 +0.3
MSFR	comp=N,1000µm,0.4s	AML	AML		
MSFR	comp=N,737µm,0.4s	AML	AML		
MSFR	San Fratello	1.34 303	P	Pn	22 36 28.8 +1.0
VPL	Vulcano Piano	1.34 323	↑P	Pn	22 36 28.3 +0.5
VPL	comp=N,2460µm,0.7s	AML	AML		
VPL	Lipari	1.41 324	↑P	Pn	22 36 29.6 +1.0
LLI	comp=N,22150µm,1.1s	AML	AML		
LLI	comp=N,21900µm,0.6s	AML	AML		
GRI	Girifalco	1.54 12	P	Pg	22 36 32.2 -0.3
GRI	comp=N,608µm,1.0s	AML	AML		
GRI	comp=N,518µm,0.3s	AML	AML		
RESU	Resuttano	1.59 283	P	Pn	22 36 32.1 +0.8
RESU	comp=N,634µm,0.5s	AML	AML		

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RESU	comp=N,848µm,1.6s	AML	AML		
PETRA	Petralia Sopra	1.59 289	↑P	Pn	22 36 31.8 +0.3
PETRA	comp=N,662µm,0.4s	AML	AML		
PETRA	comp=N,808µm,0.7s	AML	AML		
IST3	Stromboli F	1.60 338	P	Pn	22 36 31.5 +0.1
IST3	comp=N,1990µm,0.5s	AML	AML		
IST3	comp=N,2275µm,1.3s	AML	AML		
IST3	comp=N,1995µm,0.5s	AML	AML		
ISTR	Stromboli Gino	1.60 336	P	Pn	22 36 31.6 +0.2
ISTR	comp=N,2090µm,0.3s	AML	AML		
ISTR	comp=N,2000µm,1.3s	AML	AML		
PLLN	Pollina	1.63 295	P	Pn	22 36 33.6 +1.8
CLTA	Polina	1.65 265	↑P	Pn	22 36 32.1 +0.2
CLTA	comp=N,2325µm,0.9s	AML	AML		
CLTA	comp=N,1905µm,0.3s	AML	AML		
CSLB	Castelbuono	1.67 292	↑P	Pn	22 36 32.6 +0.2
CSLB	comp=N,256µm,0.7s	AML	AML		
CSLB	comp=N,194µm,0.7s	AML	AML		
IFIL	Filicudi I	1.69 318	↑P	Pn	22 36 32.5 -0.1
IFIL	comp=N,8150µm,0.3s	AML	AML		
IFIL	comp=N,2430µm,0.4s	AML	AML		
GIB	Gibilmanna	1.71 294	↑P	Pn	22 36 33.5 +0.5
GIB	comp=N,834µm,0.6s	AML	AML		
GIB	comp=N,773µm,0.5s	AML	AML		
IACL	Alicudi	1.79 313	P	Pn	22 36 33.4 -0.5
IACL	comp=N,947µm,0.6s	AML	AML		
IACL	comp=N,1186µm,0.8s	AML	AML		
SERS	Sersale	1.80 17	↑P	Pg	22 36 36.2 -1.1
SERS	comp=N,168µm,1.1s	AML	AML		
SERS	comp=N,168µm,1.3s	AML	AML		
ALJA	Alia	1.85 284	P	Pn	22 36 35.8 +1.0
ALJA	comp=N,343µm,0.5s	AML	AML		
ALJA	comp=N,394µm,0.3s	AML	AML		
FAVR	Favara	1.87 269	P	Pn	22 36 35.9 +0.8
FAVR	comp=N,670µm,1.1s	AML	AML		
FAVR	comp=N,558µm,0.8s	AML	AML		
WDD	Wied Dalam	1.90 220	P	Pn	22 36 34.5 -0.9
WDD	comp=N,1136µm,1.0s	AML	AML		
WDD	comp=N,1058µm,0.5s	AML	AML		
WDD	comp=N,131µm,1.0s	AML	AML		
WDD	comp=N,1070µm,0.3s	AML	AML		
MCT	Mte Comarata	1.92 280	P	Pn	22 36 37.8 +1.9
CAR1	CAROLEE	1.94 5	P	Pb	22 36 37.2 -1.2
CAR1	comp=N,768µm,0.4s	AML	AML		
CAR1	comp=N,872µm,0.9s	AML	AML		
TIP	Timpagrande	1.95 17	P	Pb	22 36 38.0 -0.6
TIP	comp=N,147µm,0.6s	AML	AML		
TIP	comp=N,138µm,0.4s	AML	AML		
TIP	Spezzano della	1.95 17	P	Pb	22 36 38.2 -0.4
SPS2	Spezzano della	1.99 7	P	Pb	22 36 38.9 -0.4
SPS2	comp=N,162µm,0.2s	AML	AML		
SPS2	comp=N,228µm,0.3s	AML	AML		
SOLUN	Solunto	2.11 292	P	Pn	22 36 38.0 -0.4
SOLUN	comp=N,91µm,0.4s	AML	AML		
SOLUN	comp=N,115µm,1.6s	AML	AML		
CELI	Celico	2.12 10	P	Pb	22 36 41.0 -0.5
CELI	comp=N,400µm,0.8s	AML	AML		
CELI	comp=N,314µm,0.6s	AML	AML		
CET2	Cetraro	2.21 359	P	Pn	22 36 41.0 +1.2
CET2	comp=N,1206µm,0.5s	AML	AML		
CET2	comp=N,959µm,0.8s	AML	AML		
CORL	Corleone	2.23 286	↑P	Pn	22 36 41.5 +1.5
CORL	comp=N,555µm,1.0s	AML	AML		
CORL	comp=N,600µm,0.4s	AML	AML		
CORL	Corleone	2.23 286	P	Pn	22 36 41.3 +1.3
CLTB	Cattabellotta	2.24 278	P	Pn	22 36 40.1 -0.2
CLTB	comp=N,701µm,0.4s	AML	AML		
CLTB	comp=N,1260µm,1.6s	AML	AML		
PIPA	Pietrapolla	2.25 16	P	Pn	22 36 40.5 +0.2
PIPA	comp=N,159µm,1.5s	AML	AML		
PIPA	comp=N,272µm,0.2s	AML	AML		
TDS	Terranova Siba	2.35 6	P	Pb	22 36 43.9 -1.5
USI	Ustica	2.63 303	P	Pn	22 36 44.0 -1.6
USI	comp=N,316µm,1.5s	AML	AML		
USI	comp=N,407µm,0.5s	AML	AML		
CUC	Castrocuoco	2.68 357	P	Pn	22 36 47.2 +1.0
CUC	comp=N,146µm,0.4s	AML	AML		
CUC	comp=N,180µm,0.7s	AML	AML		
CUC	comp=N,216µm,0.7s	AML	AML		
CUC	comp=N,180µm,0.4s	AML	AML		
BULG	Bulgheria - Ca	2.80 350	P	Pn	22 36 48.8 +0.9
MGR	Morigerati	2.84 353	P	Pn	22 36 49.7 +1.3
MGR	comp=N,240µm,0.4s	AML	AML		
MGR	comp=N,214µm,0.5s	AML	AML		
SIRI	Monte Sirino -	2.86 358	P	Pn	22 36 50.1 +1.3
SIRI	comp=N,164µm,0.6s	AML	AML		
SIRI	comp=N,262µm,0.3s	AML	AML		
MTSN	Montesano sull	2.95 356	P	Pn	22 36 51.4 +1.4
MTSN	comp=N,224µm,0.6s	AML	AML		
MTSN	comp=N,178µm,0.8s	AML	AML		
AG11	Viggiano (PZ)	3.01 359	P	Pn	22 36 53.1 +2.3
CRAC	Craco	3.06 6	P	Pb	22 36 54.4 -3.2
CRAC	comp=N,224µm,1.4s	AML	AML		
CRAC	comp=N,296µm,1.1s	AML	AML		
MIGL	Miglionico	3.30 6	P	Pn	22 36 56.6 +1.9
MIGL	comp=N,461µm,1.6s	AML	AML		
MIGL	comp=N,384µm,0.4s	AML	AML		
SCTE	Santa Cesarea	3.35 34	P	Pn	22 36 55.8 +0.3
SCTE					

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like RABC Rab, PLIT Pitivice, VITOSH Vitosha, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SOEI Soe, SOEI Soe, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like JOW Kunigami, JOW Kunigami, JOW Kunigami, etc.

BUIJ 07 22:53:51.7±0.0, 1.14N; 126.57E, h66km, mb5.1/43, mb5.0/66, Ms4.4/29, Ms7.4/231, ...

SOEI Soe 11.45 191 P Pn 22 56 42.3 +6.3 ...

JOW Kunigami 25.20 4 P P 22 59 16.9 +0.6 ...

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like TNTI Ternate, TNTI Ternate, TNTI Ternate, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SOEI Soe, SOEI Soe, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like JOW Kunigami, JOW Kunigami, JOW Kunigami, etc.

7d 22h

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like RMQ Roma, BBOO Buckleboo, BBOO Buckleboo, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like USAOB, USA0B, USA0B, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like PETK, ZSN, ZSN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KURK, CHGR, DZA, SEY, IUG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NCK, NCK, L20K, KDOK, KDOK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DOT, DOT, KURK, CHGR, etc.

7d 23h

Table with columns: BURAR, Bucovina Array, 96.49 318, P, P, 23 07 19.2 -0.3, etc. Includes various station names and coordinates.

IDC 0723:04:43.1s 1.2, 2.4, 65Nk, 121.58E, h0km, mb3.5/4, mb1 3.7/6, mb1mx3.5/4, mbtmpp3.6/6, ML3.7/2, MS3.7/4, Ms1 3.8/4, ms1mx3.2/25, Error ellipse: s-maj=38.7km s-min=22.6km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like Santiao Chiao, Toucheng, Shuangxi, etc.

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Main table with columns: EWUT, Wuta, 0.61 219, P, Pn, 23 05 15.2 +0.6, etc. Lists numerous stations and their coordinates.

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Table with columns: WCS, Iriomote-Funau, 1.51 112, P, S, Sn, 23 05 44.2 +0.9, etc. Lists stations and their coordinates.

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

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

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LHMI, MASI, KSI, JMI, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BOSA, AKASA, MNK, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M44.3, NEIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAGR Agrelo, VILB Vilhena, ITOB Itaipu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IGAR, IPIR Piripir, JHRM Jahrom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTS, H06E1, TXAR, etc.

ISC 08 02:49:50.7z:1.7, 60:21:52:26:36W, h0km, mb3.7/2, mb1 3.7/2, mb1mx3.5/22, mbtmp3.6/2, Error ellipse: s-maj=14.4km s-min=56.3km az=101.0

ISC 08 02:49:54.9z:1.6, 60:15:02:26:7W, 0.5, h26km, n7, o8:84/7, South Sandwich Islands region

ISC 08 02:05:16.0z:0.32N, 126:06E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/36, mbtmp3.4/3, Error ellipse: s-maj=251.8km s-min=164.1km az=160.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAZR Kazerun, KANJ Kolanjah, etc.

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

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

ISC 08 02:51:28.4z:1.5, 30:23N, 151:23E, h0km, mb3.6/9, mb1 3.8/14, mb1mx3.6/51, mbtmp3.7/14, ML3.5/5, Error ellipse: s-maj=27.5km s-min=23.5km az=1

ISC 08 03:45:55.8z:2.1, 13:84N, 92:06W, h0km, mb3.5/4, mb1 3.8/7, mb1mx3.6/38, mbtmp3.5/7, ML3.3/3, M3.3/1, M3.1, 3.3/1, mx1mx2/4/37, Error ellipse: s-maj=114.6km s-min=25.8km az=116.0

ISC 08 03:46:00.3z:1.2, 13:64N, 101:36W, 0.08, h3km, n20, o158/23, mb3.6/4, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAZR Kazerun, KANJ Kolanjah, etc.

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

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

8d 4h

Table with columns: SBA, comp, Iamb, Iamb, 03 57 46.3, Vanda, 54.82 185, P, P, 03 57 44.2 +1.9, Vnda, comp=Z, 2.1nm, 0.5s, baz=8.4, slow=5.8, SNR=19.1, P, P, 03 58 36.8 +0.4, Vnda, comp=Z, 1.7nm, 0.6s, baz=34.4, slow=4.5, SNR=9.9, P, P, 03 57 43.8 +1.6, SOEI, 54.85 275, P, P, 03 57 43.4 -0.3, SOEI, 54.85 275, Iamb, Iamb, 03 57 52.2, PSA00, 55.29 259, P, P, 03 57 45.7 -0.7, NWA0, 55.46 245, P, P, 03 57 47.3 -0.2, NWA0, 55.46 245, Iamb, Iamb, 03 59 26.4, MORW, 57.07 250, P, P, 03 57 58.0 -0.7, MORW, 57.07 250, Iamb, Iamb, 03 57 59.5, GIRL, 60.06 257, P, P, 03 58 18.9 +0.1, CASY, 60.05 206, P, P, 03 58 20.4 +0.8, TOLZ, 62.51 284, P, P, 03 58 34.5 -0.6, QSPA, 66.62 180, P, P, 03 59 01.6 +1.3, QSPA, 66.62 180, Iamb, Iamb, 03 59 02.5, MAW, 78.42 200, P, P, 04 00 07.6 +0.8, MAW, 78.42 200, P, P, 04 00 07.0 +0.2, NVAR, 84.40 44, P, P, 04 00 40.1 +0.6, NVAR, 84.40 44, Iamb, Iamb, 04 00 45.3 -0.8, SNA, 85.11 179, P, P, 04 00 43.2 +0.1, COYC, 85.11 179, Iamb, Iamb, 04 00 45.3, VN3, 85.31 177, P, P, 04 00 42.4 -0.9, W13A, 85.47 49, P, P, 04 00 43.9 -1.0, VN2, 85.73 178, P, P, 04 00 44.7 -0.5, VN1, 85.97 177, P, P, 04 00 45.8 -0.5, U15A, 87.27 48, Iamb, Iamb, 04 00 53.5 +0.1, U15A, 87.27 48, Iamb, Iamb, 04 02 11.6, PLCA, 88.54 134, P, P, 04 00 60.0 +0.8, PLCA, 88.54 134, Iamb, Iamb, 04 01 00.5 -0.2, LCO1, 88.56 132, Iamb, Iamb, 04 01 00.5, CMAR, 89.42 290, P, P, 04 01 05.3 +1.9, CMAR, 89.42 290, P, P, 04 01 03.7 +0.0, HHC, 90.14 315, P, P, 04 01 08.5 +2.1, HHC, 90.14 315, pmax, pmax, 04 01 08.5, HHC, 90.14 315, pmax, pmax, 04 01 08.5, TXAR, 90.16 58, P, P, 04 01 07.0 +0.2, TXAR, 90.16 58, P, P, 04 01 07.7 +0.9, ANMO, 90.65 52, P, P, 04 01 09.0 0.0, ANMO, 90.65 52, P, P, 04 01 09.0 0.0, ILAR, 91.59 14, P, P, 04 01 12.7 +0.3, ILAR, 91.59 14, P, P, 04 01 12.7 +0.3, PDAR, 92.34 44, P, P, 04 01 16.7 0.0, PDAR, 92.34 44, P, P, 04 01 16.7 -1.9, CO06, 92.73 125, P, P, 04 01 16.7 -1.9, CO06, 92.73 125, P, P, 04 01 16.7 -1.9, BOS, 122.82 206, PKP, PKP, 04 06 59.0 -0.2, BOS, 122.82 206, PKP, PKP, 04 06 59.0 -0.2, ARCES, 131.46 348, PKP, PKP, 04 07 13.1 -1.1, ARCES, 131.46 348, PKP, PKP, 04 07 13.1 -1.1, FINES, 138.04 342, PKH, PKH, 04 07 17.0 0.0, FINES, 138.04 342, PKH, PKH, 04 07 17.0 0.0, FINES, 138.04 342, PKH, PKH, 04 07 25.4 -1.2, FINES, 138.04 342, PKH, PKH, 04 07 25.4 -1.2, NOA, 141.65 351, PKH, PKH, 04 07 27.4, NOA, 141.65 351, PKH, PKH, 04 07 27.4, AKASG, 144.62 328, PKP, PKP, 04 07 37.7 -1.0, AKASG, 144.62 328, PKP, PKP, 04 07 37.7 -1.0, BR131, 147.35 308, PKP, PKP, 04 07 46.2 -0.9, BR131, 147.35 308, PKP, PKP, 04 07 46.2 -0.9, ANTO, 147.91 308, PKP, PKP, 04 07 48.5 0.0, ANTO, 147.91 308, PKP, PKP, 04 07 48.5 0.0, BURAR, 148.63 326, PKP, PKP, 04 07 50.5 +0.4, BURAR, 148.63 326, PKP, PKP, 04 07 50.5 +0.4, MDUB, 148.91 310, PKP, PKP, 04 07 50.8 -0.4, MDUB, 148.91 310, PKP, PKP, 04 07 50.8 -0.4, LANS, 150.14 334, ePKP, PKP, 04 07 54.6 +0.5, LANS, 150.14 334, ePKP, PKP, 04 07 54.6 +0.5, OSTC, 150.16 339, ePKP, PKP, 04 07 53.3 -0.2, OSTC, 150.16 339, ePKP, PKP, 04 07 53.3 -0.2, CHVC, 150.19 339, ePKP, PKP, 04 07 53.2 -0.4, CHVC, 150.19 339, ePKP, PKP, 04 07 53.2 -0.4, UPC, 150.27 339, ePKP, PKP, 04 07 53.6 -0.2, UPC, 150.27 339, ePKP, PKP, 04 07 53.6 -0.2, DPC, 150.30 339, ePKP, PKP, 04 07 54.0 -0.1, DPC, 150.30 339, ePKP, PKP, 04 07 54.0 -0.1, MORC, 150.36 337, ePKP, PKP, 04 07 54.0 -0.1, MORC, 150.36 337, ePKP, PKP, 04 07 54.0 -0.1, CLL, 150.44 343, jPKP, PKP, 04 07 54.0 -0.1, CLL, 150.44 343, jPKP, PKP, 04 07 54.0 -0.1, CLL, 150.44 343, ePKP, PKP, 04 09 59.0 +1.8, CLL, 150.44 343, ePKP, PKP, 04 07 53.2 -0.9, BRG, 150.58 342, ePKP, PKP, 04 07 54.1 -0.3, BRG, 150.58 342, ePKP, PKP, 04 07 55.7, BRG, 150.58 342, Amp, Amp, 04 07 55.7, PVCC, 150.70 341, ePKP, PKP, 04 07 54.2 -0.5, PVCC, 150.70 341, ePKP, PKP, 04 07 54.2 -0.5, VRAD, 151.09 340, ePKP, PKP, 04 07 55.9 0.0, VRAD, 151.09 340, ePKP, PKP, 04 07 55.9 0.0, KRUC, 151.37 337, ePKP, PKP, 04 07 55.9 -0.4, KRUC, 151.37 337, ePKP, PKP, 04 07 55.9 -0.4, KHC, 152.24 341, ePKP, PKP, 04 07 58.1 -0.2, KHC, 152.24 341, ePKP, PKP, 04 07 58.1 -0.2, CKRC, 152.29 340, ePKP, PKP, 04 07 52.9 +1.8, CKRC, 152.29 340, ePKP, PKP, 04 07 52.9 +1.8, GERES, 152.46 340, ePKP, PKP, 04 07 58.0 -0.8, GERES, 152.46 340, ePKP, PKP, 04 07 58.0 -0.8, DBIC, 162.66 163, PKP, PKP, 04 08 56.2 -0.4, DBIC, 162.66 163, PKP, PKP, 04 08 56.2 -0.4, TORO, 169.63 189, PKP, PKP, 04 08 08.5 -1.7, TORO, 169.63 189, PKP, PKP, 04 08 08.5 -1.7, TORO, 169.63 189, PKP, PKP, 04 09 26.8 -0.5, TORO, 169.63 189, PKP, PKP, 04 09 26.8 -0.5, WRA, 152.80 135, PKP, PKP, 04 19 59.8 -0.2, WRA, 152.80 135, PKP, PKP, 04 19 59.8 -0.2, WRA, 152.80 135, PKP, PKP, 04 19 59.8 -0.2, WRA, 152.80 135, PKP, PKP, 04 19 59.8 -0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DBIC, 21.46 74, P, P, 04 04 50.2 +0.1, TORO, 169.63 189, PKP, PKP, 04 06 07.2 0.0, TORO, 169.63 189, PKP, PKP, 04 06 07.2 0.0, BOS, 56.87 125, LR, LR, 04 29 51.5, BOS, 56.87 125, LR, LR, 04 29 51.5, ASAR, 149.96 140, PKP, PKP, 04 19 52.9 -0.4, ASAR, 149.96 140, PKP, PKP, 04 19 52.9 -0.4, WRA, 152.80 135, PKP, PKP, 04 19 59.8 -0.2, WRA, 152.80 135, PKP, PKP, 04 19 59.8 -0.2

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Table with columns: KAN13, 0.31 77, Pg, Pg, 04 04 28.0 -0.5, KAN13, 0.31 77, Pg, Pg, 04 04 32.0 -0.7, OK032, 0.32 244, Sg, Sg, 04 04 28.6 -0.1, OK032, 0.32 244, Sg, Sg, 04 04 32.9 -0.2, KAN16, 0.33 329, Sg, Sg, 04 04 28.5 -0.5, KAN16, 0.33 329, Sg, Sg, 04 04 32.9 -0.2, KS20, 0.37 39, Sg, Sg, 04 04 28.6 -1.1, KS20, 0.37 39, Sg, Sg, 04 04 34.5 -0.2, KAN12, 0.37 342, Sg, Sg, 04 04 29.3 -0.4, KAN12, 0.37 342, Sg, Sg, 04 04 34.5 -0.2, KS21, 0.37 23, P, P, 04 04 29.2 -0.6, KS21, 0.37 23, P, P, 04 04 34.4 -0.4, CROK, 0.45 194, Pg, Pg, 04 04 30.7 -0.7, CROK, 0.45 194, Pg, Pg, 04 04 31.9 -0.9, BLOK, 0.54 109, Pg, Sg, 04 04 39.0 -1.1, BLOK, 0.54 109, Pg, Sg, 04 04 41.5 -1.5, T35A, 1.07 91, Sg, P, 04 04 55.5 -1.4, T35B, 1.07 91, Sg, P, 04 04 41.9 -1.0, T35B, 1.07 91, S, S, 04 04 55.8 -1.1, U32A, 1.08 239, Pg, Sg, 04 04 42.5 -0.7, U32A, 1.08 239, Pg, Sg, 04 04 57.0 -0.2, U32A, 1.08 239, Pg, Sg, 04 04 42.4 -0.7, OK029, 1.19 164, Pg, Pg, 04 04 43.8 -1.3, QUOK, 1.20 130, Pg, Pg, 04 04 43.9 -1.5, QUOK, 1.20 130, Pg, Pg, 04 04 48.5 -1.4, OK031, 1.28 140, Sg, Pg, 04 04 45.8 -1.1, BCOK, 1.30 171, Pg, Sg, 04 04 45.0 -1.3, BCOK, 1.30 171, Pg, Sg, 04 05 03.7 -0.4, OK030, 1.33 139, Pn, Pn, 04 04 45.9 -0.8, OK025, 1.42 163, Pn, Pn, 04 04 47.7 -0.3, OKCFA, 1.56 168, Iamb_Lg, Iamb_Lg, 04 05 50.2 +0.3, OKCFA, 1.56 168, Pn, Pn, 04 04 50.7 +0.8, OKCFA, 1.56 168, Sb, Sb, 04 05 12.2 -0.2, OKCFA, 1.56 168, Sb, Sb, 04 05 12.2 -0.2, OKCWS, 1.57 168, Pn, Pn, 04 04 50.3 +0.3, R32A, 1.63 335, P, P, 04 04 51.6 +0.7, R32A, 1.63 335, P, P, 04 04 52.1 -0.2, R32A, 1.63 335, S, Sb, 04 05 13.2 +0.4, FNO, 1.72 168, Pn, Pn, 04 04 52.2 +0.1, TUL1, 1.95 121, P, Pn, 04 04 55.9 +0.6, TUL1, 1.95 121, Sb, Sb, 04 05 23.2 +1.0, TUL1, 1.95 121, Pn, Pn, 04 05 56.0 +0.7, TUL1, 1.95 121, Pn, Iamb_Lg, 04 05 25.8, TUL1, 1.95 121, P, Pn, 04 04 56.1 +0.7, TUL1, 1.95 121, Sb, Sb, 04 05 22.9 +0.8, WMOK, 2.33 199, P, P, 04 05 21.1 +0.6, WMOK, 2.33 199, S, Sn, 04 05 31.6 +2.5, WMOK, 2.33 199, Iamb_Lg, Iamb_Lg, 04 05 01.0 +0.6, WMOK, 2.33 199, P, Pn, 04 05 01.3 +0.8, WMOK, 2.33 199, S, Sn, 04 05 31.3 +2.3, X34A, 2.34 180, Pn, Iamb_Lg, 04 05 01.5 +0.9, X34A, 2.34 180, Pn, Iamb_Lg, 04 05 01.5 +0.9, KSU1, 2.37 24, P, Sb, 04 05 02.0 +1.0, KSU1, 2.37 24, Sb, Sb, 04 05 34.4 +0.2, KSU1, 2.37 24, Pn, Pn, 04 05 01.6 +0.6, KSU1, 2.37 24, Pn, Pn, 04 05 02.0 +1.0, KSU1, 2.37 24, S, Sb, 04 05 34.3 +0.2, CBK5, 2.39 322, P, Pn, 04 05 02.7 +1.3, CBK5, 2.39 322, Sb, Sb, 04 05 36.1 +1.3, CBK5, 2.39 322, Pn, Pn, 04 05 01.7 +0.3, CBK5, 2.39 322, Pn, Pn, 04 05 02.6 +1.2, CBK5, 2.39 322, S, Sb, 04 05 35.7 +0.9, U38A, 2.83 99, Pn, Pn, 04 05 08.1 +0.7, U38A, 2.83 99, Pn, Pn, 04 05 10.2 +0.6, X37A, 3.10 139, Iamb_Lg, Iamb_Lg, 04 05 11.2 +0.2, X37A, 3.10 139, P, Pn, 04 05 12.2 +1.2, HHAR, 3.21 101, Pn, Pn, 04 05 13.6 +1.0, HHAR, 3.21 101, Iamb_Lg, Iamb_Lg, 04 06 10.4, HHAR, 3.21 101, P, Pn, 04 05 14.0 +1.4, Z35A, 3.64 172, P, Pn, 04 05 18.8 +0.3, Z35A, 3.64 172, P, Pn, 04 05 19.7 +1.3, Z35A, 3.64 172, S, Sn, 04 06 03.6 +2.3, S39A, 3.69 77, Iamb_Lg, Iamb_Lg, 04 05 19.4 +0.3, S39A, 3.69 77, P, Pn, 04 05 19.7 +0.6, W39A, 3.73 117, P, Pn, 04 05 20.6 +0.9, W39A, 3.73 117, P, Pn, 04 05 28.6 +0.5, W39A, 3.73 117, S, Sn, 04 06 05.0 +1.5, W39A, 3.73 117, Iamb_Lg, Iamb_Lg, 04 05 19.6 -0.1, AMTX, 3.73 238, Pn, Pn, 04 05 22.2 +2.4, AMTX, 3.73 238, P, Pn, 04 05 29.9 +1.8, AMTX, 3.73 238, S, Sn, 04 06 07.7 +4.0, AMTX, 3.73 238, Sb, Sb, 04 05 18.7 -3.3, AMTX, 3.73 238, Pn, Pn, 04 05 20.9 +1.2, AMTX, 3.73 238, Iamb_Lg, Iamb_Lg, 04 06 29.9, N33A, 4.06 97, P, Pn, 04 05 20.7 -0.1, N33A, 4.06 97, P, Pn, 04 05 29.6 +0.2, N33A, 4.06 97, P, Pn, 04 05 25.2 +0.9, U40A, 4.06 97, P, Pn, 04 05 24.5 +0.2, U40A, 4.06 97, P, Pn, 04 05 25.1 +0.8, U40A, 4.06 97, P, Pn, 04 05 25.1 +0.8, U40A, 4.06 97, P, Pn, 04 05 25.1 +0.8, MIAR, 4.22 123, P, Pn, 04 05 28.8 +2.3, MIAR, 4.22 123, P, Pn, 04 05 27.6 +1.2, MIAR, 4.22 123, Iamb_Lg, Iamb_Lg, 04 06 38.0, N35A, 4.27 23, P, Pn, 04 05 27.9 +0.6, KSCO, 4.30 300, P, Pn, 04 05 28.2 +1.4, KSCO, 4.30 300, P, Pn, 04 05 28.8 +1.0, KSCO, 4.30 300, Iamb_Lg, Iamb_Lg, 04 06 45.9, P38A, 4.33 50, Pn, Pn, 04 05 28.4 +0.4, P38A, 4.33 50, Iamb_Lg, Iamb_Lg, 04 05 37.1, Z38A, 4.36 147, P, Pn, 04 05 28.5 +0.1, Z38A, 4.36 147, P, Pn, 04 05 30.7 +0.9, BGNE, 4.46 357, P, Pn, 04 05 29.6 -0.3, BGNE, 4.46 357, P, Pn, 04 05 30.4 +0.5, MGMO, 4.47 86, P, Pn, 04 05 30.4 +0.5, ABTX, 4.55 199, S, Sn, 04 06 24.8 +0.7, ABTX, 4.55 199, Pn, Pn, 04 05 31.5 +0.3, ABTX, 4.55 199, Iamb_Lg, Iamb_Lg, 04 06 47.4

Table with columns: R40A, 4.63 71, Pn, Pn, 04 05 32.4 +0.3, R40A, 4.63 71, Pn, Pn, 04 06 51.5, R40A, 4.63 71, P, Pn, 04 05 33.1 +1.0, FCAR, 4.74 101, Iamb_Lg, Iamb_Lg, 04 05 36.7 +3.1, FCAR, 4.74 101, Iamb_Lg, Iamb_Lg, 04 06 52.3, X40A, 4.76 120, P, Pn, 04 05 35.0 +1.2, X40A, 4.76 120, P, Pn, 04 05 34.5 +0.6, X40A, 4.76 120, Iamb_Lg, Iamb_Lg, 04 06 52.5, X40A, 4.76 120, P, Pn, 04 05 35.0 +1.2, X40A, 4.76 120, P, Pn, 04 05 35.0 +1.2, WHAR, 4.79 108, Iamb_Lg, Iamb_Lg, 04 05 35.3 +0.9, WHAR, 4.79 108, Iamb_Lg, Iamb_Lg, 04 06 58.1, W41B, 4.87 110, P, Pn, 04 05 37.1 +1.7, W41B, 4.87 110, P, Pn, 04 05 36.8 +0.3, WHTX, 4.95 176, P, Pn, 04 05 36.8 +0.3, WHTX, 4.95 176, S, Sn, 04 06 33.0 -0.8, WHTX, 4.95 176, Iamb_Lg, Iamb_Lg, 04 05 36.0 -0.6, WHTX, 4.95 176, Iamb_Lg, Iamb_Lg, 04 07 11.1, WHTX, 4.95 176, P, Pn, 04 05 36.8 +0.3, WHTX, 4.95 176, Pn, Pn, 04 05 36.8 +0.3, MSTX, 4.99 235, Pn, Pn, 04 05 38.3 +1.0, WLFAR, 5.05 129, Iamb_Lg, Iamb_Lg, 04 05 38.0 +0.1, WLFAR, 5.05 129, Iamb_Lg, Iamb_Lg, 04 07 14.5, L34A, 5.14 12, Pn, Pn, 04 05 39.9 +0.7, OGNE, 5.16 322, P, Pn, 04 05 41.4 +2.0, OGNE, 5.16 322, Sb, Sb, 04 07 01.3 +6.8, OGNE, 5.16 322, Pn, Pn, 04 05 39.7 +0.3, OGNE, 5.16 322, Iamb_Lg, Iamb_Lg, 04 07 10.9, 237A, 5.21 161, Pn, Pn, 04 05 38.9 -1.2, 237A, 5.21 161, P, Pn, 04 05 40.2 +0.1, 237A, 5.21 161, Pn, Pn, 04 05 40.2 +0.1, P40A, 5.25 59, Pn, Pn, 04 05 41.0 +0.4, P40A, 5.25 59, Iamb_Lg, Iamb_Lg, 04 07 11.7, T25A, 5.25 274, P, Pn, 04 05 41.6 +0.7, T25A, 5.25 274, S, Sn, 04 06 42.6 +1.1, T25A, 5.25 274, S, Sn, 04 07 06.3 -4.6, T25A, 5.25 274, Iamb_Lg, Iamb_Lg, 04 05 40.7 -0.2, T25A, 5.25 274, Iamb_Lg, Iamb_Lg, 04 07 23.2, N38A, 5.27 42, Iamb_Lg, Iamb_Lg, 04 05 40.3 -0.6, N38A, 5.27 42, Iamb_Lg, Iamb_Lg, 04 07 15.1, CCM, 5.37 76, Pn, Pn, 04 05 43.0 +0.8, T42A, 5.41 87, Pn, Pn, 04 05 42.8 0.0, LCAR, 5.46 97, Pn, Pn, 04 05 43.7 +0.2, LCAR, 5.46 97, S, Sn, 04 07 04.0 +0.8, Z41A, 5.53 130, S, Sn, 04 06 46.6 -1.5, K31A, 5.71 353, Pn, Pn, 04 05 47.6 +0.5, NATX, 5.80 152, Pn, Pn, 04 05 49.2 +0.9, NATX, 5.80 152, Iamb_Lg, Iamb_Lg, 04 07 41.4, CCAR, 5.81 120, Iamb_Lg, Iamb_Lg, 04 07 37.5, CCAR, 5.81 120, Iamb_Lg, Iamb_Lg, 04 05 50.2 -0.1, PBMO, 5.95 89, Pn, Pn, 04 07 45.4, PBMO, 5.95 89, Iamb_Lg, Iamb_Lg, 04 07 45.4, HBAR, 5.97 101, Pn, Pn, 04 05 50.7 +0.2, HBAR, 5.97 101, Iamb_Lg, Iamb_Lg, 04 07 46.7, FVM, 6.00 78, Pn, Pn, 04 05 50.6 -0.3, FVM, 6.00 78, Pn, Sn, 04 06 57.1 -2.4, FVM, 6.00 78, Iamb_Lg, Iamb_Lg, 04 07 54.2, Q24A, 6.11 291, P, Pn, 04 05 53.8 +1.1, Q24A, 6.11 291, S, Sn, 04 07 02.5 -0.3, Q24A, 6.11 291, S, Sn, 04 07 02.5 -0.3, SCIA, 6.12 34, S, Sn, 04 07 01.9 -0.6, SCIA, 6.12 34, Pn, Pn, 04 05 53.1 +0.6, SCIA, 6.12 34, Pn, LR, 04 05 53.0 0.0, SCIA, 6.15 178, P, Pn, 04 07 02.0 -1.3, SCIA, 6.15 178, S, Sn, 04 07 02.0 -1.3, J35B, 6.15 178, Pn, Pn, 04 05 51.6 -1.4, J35B, 6.15 178, Iamb_Lg, Iamb_Lg, 04 07 37.9, J35B, 6.15 178, Iamb_Lg, Iamb_Lg, 04 07 48.2, J35B, 6.15 178, P, Pn, 04 05 53.0 0.0, J35B, 6.15 178, P, Pn, 04 05 55.0 +1.8, SDCO, 6.15 280, Iamb_Lg, Iamb_Lg, 04 05 54.6 +1.4, SDCO, 6.15 280, Iamb_Lg, Iamb_Lg, 04 07 55.4, SDCO, 6.15 280, Iamb_Lg, Iamb_Lg, 04 07 45.0, SDCO, 6.15 280, Iamb_Lg, Iamb_Lg, 04 07 45.0, GNFAR, 6.39 96, Pn, Pn, 04 05 57.0 +0.7, GNFAR, 6.39 96, Iamb_Lg, Iamb_Lg, 04 07 53.3, GNFAR, 6.39 96, Pn, Pn, 04 05 57.8 +0.2, PEBM, 6.49 95, Pn, Pn, 04 05 58.8 +1.3, PEBM, 6.49 95, Pn, Pn, 04 05 57.9 -0.1, N41A, 6.63 53, Pn, Pn, 04 07 54.5, N41A, 6.63 53, Iamb_Lg, Iamb_Lg, 04 07 54.5, JCT, 6.65 195, P, Pn, 04 05 59.9 0.0, JCT, 6.65 195, P, Pn, 04 05 59.1 -0.8, JCT, 6.65 195, Pn, Pn, 04 06 02.1 +0.8, JCT, 6.65 195, Sb, Sb, 04 07 49.7 +1.0, ISCO, 6.73 297, P, Pn, 04 06 01.4 +0.1, ISCO, 6.73 297, P, Pn, 04 06 02.1 +0.8, ISCO, 6.73 297, P, Pn, 04 06 02.1 +0.8, ISCO, 6.73 297, P, Pn, 04 0

Table with columns: Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like N23A Red Feather La, Y45A Yeager Farm, SMCO Snowmass, HDIL Hopedale, BNM Barren Site, etc.

NEIC 08 04:16:55.5,0.6,21.3S:0.1x170.2E:0.2,h16tkm,12km, mb4.1/7, Error ellipse: s-maj=20.5km s-min=14.6km az=83.0

IDC 08 04:16:56.8,4.9,21.11S:170.17E,h178km,29km, mb3.7/3, mb1 3.8/4, mb1mx3.4/33, mbtmp4.1/4, MS2.6/1, Ms1 2.6/1, ms1mx2.4/25, Error ellipse: s-maj=88.1km s-min=36.6km az=145.0

NOU 08 04:16:57.2,21.34S:170.23E,h18km,mb4.6/10, Southeast of Loyalty Islands

ISC 08 04:16:53.4,1.4,21.5S:0.1x170.5E:0.1,h150km,n36, r138/37,mb4.1/7,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, LIFNC LIFOU, etc.

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CLM Colima, GERES Geres Array B, DAVOX Davos/Disch, etc.

IDC 08 04:23:18.0,4.3,37.37N:136.72E,h278km,32km, mb2.5/2, mb1 2.9/3, mb1mx2.5/43, mbtmp3.4/3, Error ellipse: s-maj=145.7km s-min=33.3km az=103.0

JMA 08 04:23:19.3,0.4,37.25N:136.99E,h287km,3km, M2.7

ISC 08 04:23:19.0,1.4,37.30N:0.1x137.0E:0.1,h300km,n17, r152/113,Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JSZ Suzu, MAT Matsushiro, MJAR Matsushiro Arr, etc.

STR 08 04:41:04.9,1.3,46.7N:8.1,36.6E,h10km,mb5.0/1, mb3.1/1, MLV2.8/9,Mw(mb)4.3/1, preliminary

LDG 08 04:41:07.9,0.1,46.28N:12.71E,h9km,ML2.3/17, Error ellipse: s-maj=2.6km s-min=1.9km az=2.0

IASPEI 08 04:41:08.1,0.8,46.27N:0.02,12.69E:0.01,h13km,4km, Error ellipse: s-maj=2.8km s-min=2.0km az=166.5, GTS selection from ISC bulletin GTS identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

ROM 08 04:41:08.3,0.1,46.28N:0.006,12.702E:0.008, h7km,ML2.3/32, Error ellipse: s-maj=0.8km s-min=0.3km az=149.0

VIE 08 04:41:08.8,0.1,46.30N:12.70E,h10km,mb2.2/20, mb2.6/21, Error ellipse: s-maj=1.2km s-min=0.7km az=11.0 15 km SSW of Ampezzo

PRU 08 04:41:10.7,0.0,46.35N:12.81E,h12km

ISC 08 04:41:08.3,0.7,46.27N:0.01,12.69E:0.01,h18km,4km, n144,r186/216,12C-11D,Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like STAL STALIGIAL, MALNISIO Malnisio, CIMO Cimolais, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MPRI Monte Prat, CLUD Cludinico, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CSMI Casera Mimosias, CSO Casso, FUSE Fuseda, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BOO Bordon, GEFP Gemona, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BAD Bernadia, VINO Villanova, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TLI Talmassons, PTCC Patocco-Chiusa, etc.

Table with columns: Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like VARN, FAU Forcella Urbin, ABTA Abfattersbach, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BARRC Barranca, Sant, URIC Uribia, RUSC La Rusia, etc.

IDC 08 05:04:49.8,0.6,20.17Sx169.30E,h0km,mb4.3/17, mb1.4/4.19,mb1mx4.4/25,mbtmp3.4/19,MLJ=7.2,MS3.8/14, Ms1.3/8.14,ms1mx3.6/32,Error ellipse: s-maj=17.8km s-min=16.4km az=120.0

BGR 08 05:04:54.8,0.0,20.47Sx170.09E,h33km NOU 08 05:04:54.5,0.2,20.27Sx168.88E,h0km,MLV4.8/11,MLV 4.8/13,Error ellipse: s-maj=10.1km s-min=7.1km az=38.0

NEIC 08 05:04:57.9,2.2,20.26Sx168.82E,0.05,h35km,2km, mb4.4/13,Error ellipse: s-maj=10.1km s-min=7.1km az=38.0

ISC 08 05:04:55.4,0.5,20.27Sx169.02E,0.07,h31km,n111, e134/97,mb4.3/22,MS3.8/13,Vanuatu Islands

Main station list for the first section, including stations like MARE, Loyalty, LIFNC LIFOU, RTV Rentapao, etc.

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Main station list for the second section, including stations like QSPA South Pole Qui, PSI Prapat, USRK Ussuriysk Arr, etc.

IDC 08 05:10:22.4,2.1,48.52Sx164.50E,h0km,mb3.5/2, mb1.3/8.2,mb1mx3.5/24,mbtmp3.5/2,MS3.5/1,Ms1.3/5.1,ms1mx2.8/23,Error ellipse: s-maj=25.3km s-min=52.9km az=34.0

ISC 08 05:10:27.1,4.4,49.0S,0.1x164.03E,0.10,h35km,n20, e135/33,Off west coast of South Island

Main station list for the third section, including stations like PYZ Puysegur Point, APZ The Paps, WHZ Wether Hill Ro, etc.

8d 6h

Main station list for the fourth section, including stations like AFI Afiamalu, AFI WAKE ISLAND Hy, DZM Mont Dzumac, etc.

IDC 08 05:22:25.8,2.1,1.01N:127.35E,h0km,mb3.6/3, mb1.3/9.3,mb1mx3.5/38,mbtmp3.7/3,Error ellipse: s-maj=169.1km s-min=25.4km az=66.0

DJA 08 05:22:27.6,0.4,1.0N:127.7E,h10km,M3.6/7,MLV3.6/7 ISC 08 05:22:27.1,1.7,1.0N:0.1:127.5E:0.2,h10km,n6,e038/6, mb3.6/3,Halmahera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TNTI Ternate, LBMI Labuha, etc.

IDC 08 05:36:55.6,1.9,0.82N:127.08E,h0km,mb3.7/4, mb1.3/9.4,mb1mx3.5/31,mbtmp3.7/4,Error ellipse: s-maj=147.8km s-min=26.2km az=65.0,Halmahera

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

IDC 08 05:44:21.4,2.3,1.11N:127.44E,h0km,mb3.5/3, mb1.3/7.9,mb1mx3.4/34,mbtmp3.5/3,Error ellipse: s-maj=173.9km s-min=28.0km az=67.0,Halmahera

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

FUNV 08 06:28:02.4,8.54N,71.38W,h2km,MW3.4 ISC 08 06:28:02.5,1.4,8.53N:0.03:71.37W,0.03,h15km,n11km, n24,e132/42,Venezuela

Main station list for the fifth section, including stations like SOCV Socops, SOCV Santo Domingo, PAMC Pampiona, etc.

8d 7h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BAUV El Baul, ZARC Zaragoza, CAUC, MONV Montecano, BENV Bein, SJJCC San Jacinto, etc.

IDC 08 06:59:45.6:1.4, 32.40N:96.46E, h0km, mb3.5/4, mb1 3.6/6, mb1mx3.4/4.1, mbrtm3.4/6, MSJ=7.02, MS2.6/1, Ms1 2.8/1, ms1mx2.3/46, Error ellipse: s-maj=74.0km s-min=23.1km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam, FINES FINES Array B, WRA Warramunga Arr, ASAR Alice Springs.

IDC 08 07:33:22.6:1.9, 0.89N:127.25E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/22, mbrtm3.6/3, MS2.6/1, Ms1 2.6/1, ms1mx2.1/39, Error ellipse: s-maj=175.6km s-min=22.5km az=67.0

DJA 08 07:33:23.0:0.5, 1.1N:4.12E, h10km, M3.1/5, MLV3.1/5, ISC 08 07:33:23.6:1.4, 0.9N:0.1:127.6E:0.1, h10km, n7, c0747/7, mb3.7/4, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TMTI Ternate, LBTI Labuha, GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arr.

IDC 08 07:35:43.6:0.7, 6.78N:73.01W, h159km, 10km, mb2.8/2, mb1 3.4/5, mb1mx3.0/29, mbrtm3.6/5, Error ellipse: s-maj=30.5km s-min=7.2km az=134.0

RSNC 08 07:35:44.9:0.9, 6.79N:73.14W, h147km, 3km, ML3.3, Mw3.7, Fault plane solution: N1P1, phi=118.00000, delta=0.380000, lambda=0.00000

ISC 08 07:35:43.3:0.8, 6.83N:0.03:73.11W:0.04, h156km, 6km, n7, c1930/70, 6C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BARC Barichara, PAMC Pamplona, BRRC Barranca, RUSC La Rusia, TAMC Tame, OCAC Ocana, SPBC San Pablo de B, ZARC Zaragoza, NORC Norcasia, SMLC San Martin de, CHIC Chingaza, ROSC El Rosal, UREC San Jos de U, PTGC Puerto Gaitan, CBOC Ciudad Bolivar, DBBC Dabeiba, SDV Santo Domingo.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SDV Santo Domingo, MOTC Monteria, ARGC Ariguani, ANIL Santa Ana, ORTC Ortega, SJCC San Jacinto, PLMC San Jos del P, YOTC Yotoco, SMRC Santa Marta, CAPC Capurgana, MACC Macarena, URIC Uribia, PCRV Puerto La Cruz, TXAR Lajitas, PDAR Pinedale Array, ASAR Alice Springs, WRA Warramunga Arr.

IDC 08 07:42:35.8:2.3, 0.90N:127.10E, h0km, mb3.5/4, mb1 3.6/3, mb1mx3.3/45, mbrtm3.4/3, MS2.9/1, Ms1 2.9/1, ms1mx2.2/26, Error ellipse: s-maj=173.8km s-min=28.1km az=66.0

DJA 08 07:42:35.8:0.5, 1.1N:4.12E, h10km, M3.1/5, MLV3.1/5, ISC 08 07:42:37.1:5.0, 0.9N:0.1:127.1E:0.1, h10km, n6, c0873/6, mb3.4/3, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TMTI Ternate, LBTI Labuha, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, GUCV Gucv, YOTC Yotoco, SMRC Santa Marta, CAPC Capurgana, MACC Macarena, URIC Uribia, PCRV Puerto La Cruz, TXAR Lajitas, PDAR Pinedale Array, ASAR Alice Springs, WRA Warramunga Arr.

NOU 08 07:42:08.7:43.93S:168.93E, h0km, MLV4.2/8, Off W, Coast of S. Island, N.Z.

WEL 08 07:42:01.2:0.5, 44.5S:3.16E, h5km, M3.9/24, mB4.8/3, ML3.4/23, MLV3.9/24, MW(mB)4.0/3, Error ellipse: s-maj=0.0km s-min=0.0km az=123.1, South Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JCC Jackson Bay, MSZ Milford Sound, WKZ Wanaka, WKZ Mavora Lakes, EAZ Earnsclough, FQZ Fox Glacier, FBZ Lake Benmore, DCZ Deep Cove, WTHR Wether Hill, GCSZ Gaunt Creek, ODZ Otauhu Downs, TUZ Tuapeka, TMR Timaru, RPZ Rata Peaks, WYZ Waitaha Valley, HYSZ Hyslop Point, HHSZ High Hill Hill, SYZ Scrubby Hill, APZ The Paps, WACZ Wakarua South, INZ Inchbonnie, RACZ Rakai, OXZ Oxford, MQZ McQueen's Vall, LTZ Lake Taylor, AKCZ Akaroa Harbour, OKCZ Okains Bay, DSZ Dunstons North, TRZ Tophouse, KHZ Kahurangi, KHZ Kahurangi, QNZ Quartz Range, GRZ Granite Range, NNZ Nelson, CMWZ Blackbirch Sta, BWZ Cape Campbell, TUWZ Tuamarina, FCW Fuji Channel, DUWZ D'Urville Isls, SNZO South Kororua, CAW Cannon Point, KIWI Kapiti Island, OCWZ Otaki George, MTW Mount Morrison, HOWZ Holdsworth Sta, MRZ Mangatoinoka R, NBEZ Newall Road N, KHEZ Kahui Hut, PRZ Palmer Island, NEZ North Egmont, PKE Pukeiti, LREZ Lake Rotokare, VRZ Vera Road, TSZ Takaka, PKVZ Pekaia, TRVZ Turoa, WNVZ Wahianoa, FWVZ Far West T-bar, TUVZ Tukino, NGVZ Ngauruhoe, SNVZ South Ngauruho, WTVZ West Tongariro, NVVZ North Ngauruho, OTVZ Oturere, NTVZ North Tongariro, WTVZ Whararua, HIZ Hauri, HIZ Hauri, KRHZ Kereru, TLZ Tolley Road, KRHZ Karoroa, WLRZ Whararua Island, WKZ Waipua Caves, PGZ Pakihoro, OUZ Omahuta, OUZ Omahuta, MCQ Macquarie Isla.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like VA06 Catapilco, CO06 Fray Jorge, VA01 Torpederas, ROCH El Roble, VA03 San Esteban, MT02 Curacav, PEL Peldehue, G004 Tololo Observa, MT05 Renca, VA05 Santo Domingo, CO05 La Serena, FSR Penalolen, MT09 Talagante, MT09 Popeta, MT01 La Punta, BO04 Las Melosas, LMEL Las Melosas, LMEL Las Melosas, BO01 Tunga, BO01 Las Campanas, BO02 Sierra Bellavi, BO02 Sierra Bellavi, G005 Huala, G005 Llanos de Chal, AC04 Llanos de Chal, H03N1 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03S3 Juan Fernandez, H03S1 Juan Fernandez, H03S2 Juan Fernandez, PLCA Paso Flores, CUP Villa Florida, SIV San Ignacio, TXAR Lajitas Array, TORD Torodi Ar. Bea, WRA Warramunga Arr, H11S2 WAKE ISLAND Hy25.89 271 T, H11S1 WAKE ISLAND Hy25.91 271 T, H11S3 WAKE ISLAND Hy25.91 271 T, H1N3 WAKE ISLAND Hy26.25 272 T, H1N1 WAKE ISLAND Hy26.27 272 T, H1N2 WAKE ISLAND Hy26.27 272 T.

IDC 08 07:51:27.6:1.5, 31.82S:71.95W, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.5/23, mbrtm3.4/4, ML3.6/2, MS3.0/1, Ms1 3.0/1, ms1mx2.6/22, Error ellipse: s-maj=53.9km s-min=33.4km az=94.0

GUC 08 07:51:29.8:0.7, 31.76S:71.80W, h36km, 2km, ML4.0, ISC 08 07:51:29.4:3.1, 31.77S:0.03:71.90W:0.09, h11km, 21km, n39, c066/44, 5D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like VA06 Catapilco, CO06 Fray Jorge, VA01 Torpederas, ROCH El Roble, VA03 San Esteban, MT02 Curacav, PEL Peldehue, G004 Tololo Observa, MT05 Renca, VA05 Santo Domingo, CO05 La Serena, FSR Penalolen, MT09 Talagante, MT09 Popeta, MT01 La Punta, BO04 Las Melosas, LMEL Las Melosas, LMEL Las Melosas, BO01 Tunga, BO01 Las Campanas, BO02 Sierra Bellavi, BO02 Sierra Bellavi, G005 Huala, G005 Llanos de Chal, AC04 Llanos de Chal, H03N1 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03S3 Juan Fernandez, H03S1 Juan Fernandez, H03S2 Juan Fernandez, PLCA Paso Flores, CUP Villa Florida, SIV San Ignacio, TXAR Lajitas Array, TORD Torodi Ar. Bea, WRA Warramunga Arr, H11S2 WAKE ISLAND Hy25.89 271 T, H11S1 WAKE ISLAND Hy25.91 271 T, H11S3 WAKE ISLAND Hy25.91 271 T, H1N3 WAKE ISLAND Hy26.25 272 T, H1N1 WAKE ISLAND Hy26.27 272 T, H1N2 WAKE ISLAND Hy26.27 272 T, WEL 08 07:57:31.6:1.0, 38.9S:18.0E, h33km, M3.4/17, ML3.7/18, MLV3.4/17, Error ellipse: s-maj=0.0km s-min=0.0km az=133.9, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNGZ, Ruatahuna, WHZ, Waihua, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAN10, Argonia West S, KAN08, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like s-min=7.8km az=73.0, GCMT, etc.

IDC 08 07:58:12.9z.0.30'12N:139'07E, h300km, 39km, mb3.0/3, m1 3.1/6, mb1mx2.8/50, mbtmp3.7/6, Error ellipse: s-maj=129.2km s-min=15.9km az=78.0

WEL 08 08:09:28.6z.0.5, 32'S.5'17.9'E, h133km, M4.1/1.8, m84.7/12, ML4.7/31, MLV4.5/10, Mb(m)B3.9/12, Error ellipse: s-maj=0.0km s-min=0.0km az=110.7

NEIC 08 08:13:41.17:37S:69:50W, h170km, Moment Tensor Solution. Duration: 8s0 Moment tensor: Scale 1071Nm; M0:0.24; M1:1.13; M2:0.89; M3:1.38; M4:1.14; M5:3.24;

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHU2, Mitsune, JHU1, Hachijo jima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLKZ, Green Lake, MXZ, Matakaoka Point, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AP01, Chacalluta, AP01, Chacalluta, etc.

IDC 08 06:36.8z.0.0, 71'S:29'31E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/44, mbtmp3.8/5, ML3.6/1, Error ellipse: s-maj=93.2km s-min=24.1km az=12.0

ECGS 08 06:37.1, 1.065z.0.01x29:24E:0.01, h0km, 5km, ML3.5, Error ellipse: s-maj=2.6km s-min=1.9km az=115.2

NEIC 08 08:13:36.9z.0.3, 17:34S:69:49W, h166km, mb5.4/17, Error ellipse: s-maj=10.7km s-min=8.7km az=113.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO1, Boso 1, BSO3, Boso 3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, 5.1nm, 0.3s, bazz=128, slow=20, SNR=7, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HMB, Humberstone, HMB, Huaquique, etc.

IDC 08 06:36.5z.0.8, 1.055z.0.05x29:21E:0.05, h10km, n19, s=071/22, mb3.8/4, Lake Tanganyika region

SJA 08 08:13:34.7z.0.5, 17:34S:69:79W, h196km, 7km, ML5.3, MW5.0

MOS 08 08:13:36.8z.1.1, 17:20S:69:42W, h166km, mb5.4/17, Error ellipse: s-maj=10.7km s-min=8.7km az=92.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RGB, Rumangabo, BUTK, Butaka, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, Waramunga Arr, FINES, FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HJA, Humahuaca, PB14, IPOC Station P, etc.

AHML		eS	S	08 17 52.6 +0.6	SMTB Santa Maria do	22.87	71	eP	P	08 18 25.5 -0.7	comp-Z,81nm,0.9s							
AHML		IAML		08 18 01.7	PARB Paraibuna	23.10	109	eP	P	08 18 27.8 -0.6	BAZ baz=158	51.12	341	I	P	08 22 22.3 -0.4		
comp-Z,54nm,2.1s					PLMC San Jose del P	23.12	342	eP	P	08 18 27.1 -6.5	BRAL Brewton	51.12	341	I	Amb	I	08 22 24.0	
GO03 Copiap	10.23 184		Pn	08 15 57.0 -2.8	SPBC San Pablo de B	23.30	348	eP	P	08 18 27.8 -2.4	NHSC New Hope	51.21	348	P	P	08 22 23.2 -0.1		
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	PLCA Paso Flores	23.33	182	eP	P	08 18 31.4 +1.2	NHSC New Hope	51.21	348	P	P	08 22 23.4 +0.1		
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	PLCA Paso Flores	23.33	182	eP	P	08 18 31.4 +1.2	154A Montrose	51.37	345	I	Amb	I	08 23 11.0	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	RUSC Rusc	23.37	351	eP	P	08 18 34.4 +2.2	ZAIG Zaitacas	51.38	320	I	Amb	I	08 23 25.7 +0.5	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	NORC Norcasia	23.39	346	eP	P	08 18 27.8 -3.1	250A	comp-Z,72nm,1.2s	51.63	342	I	Amb	I	08 23 12.0
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	BOSC Bom Sucesso	23.57	103	eP	P	08 18 31.8 -0.9	Gardly	comp-Z,96nm,1.3s	51.84	344	I	Amb	I	08 23 13.6
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	LL04 Puerto Octay	23.62	186	I	Amb	I	08 18 37.0	152A Waverly Hall	52.13	348	I	Amb	I	08 23 16.4
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	TAMC Tama Arauca	23.74	354	eP	P	08 18 33.4 -0.8	Y57A Sumter	comp-Z,58nm,0.9s	52.13	348	I	Amb	I	08 23 15.3
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	TAMC Tama Arauca	23.74	354	eP	P	08 18 32.8 -1.4	346A Big Creek Wild	comp-Z,75nm,1.0s	52.25	345	P	P	08 22 30.2 -0.6	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	LL03 Petrohue	23.85	186	eP	P	08 18 35.7 +0.9	BIRD Birdtown, Kers	comp-Z,41nm,1.0s	53.13	339	I	Amb	I	08 23 28.2
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	CBOC Ciudad Bolivar	23.95	344	eP	P	08 18 35.1 -0.9	146A Union	comp-Z,52nm,0.9s	53.20	335	I	Amb	I	08 22 40.5
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	MCPB Macapa, AP	24.03	47	eP	P	08 18 36.5 -0.3	Z47A Carrollton	comp-Z,21nm,0.6s	53.32	340	I	Amb	I	08 22 39.3
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	BARC Barichara	24.07	351	eP	P	08 18 34.4 -3.0	KM5C Kings Mountain	comp-Z,166,SNR=5.6	53.41	348	I	Amb	I	08 22 38.9 -0.6
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	HELK Santa Helena	24.15	345	eP	P	08 18 34.4 -3.8	KM5C Kings Mountain	comp-Z,33nm,0.9s	53.46	331	P	P	08 22 40.3 +0.3	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SDBA SAO DESIDERIO	24.20	82	eP	P	08 18 38.0 -0.4	HKT Hockley	comp-Z,25nm,1.1s	53.46	331	P	P	08 22 40.3 +0.3	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	JANB Januria	24.23	88	eP	P	08 18 37.7 -1.0	HKT Hockley	comp-Z,25nm,1.1s	53.46	331	P	P	08 22 40.3 +0.3	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	MC01 Montes Claros	24.38	92	eP	P	08 18 39.3 -0.8	735A Kennedy	comp-Z,35nm,0.8s	53.67	344	I	Amb	I	08 23 27.9
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	MAN01 Angra dos Reis	24.52	107	eP	P	08 18 41.6 +0.3	X51A Calhoun	comp-Z,34nm,1.0s	53.67	344	I	Amb	I	08 23 27.9
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	DIAM Diamantina, MG	24.54	362	eP	P	08 18 41.4 +0.2	833A Chaparral WMA,	comp-Z,144,SNR=2.2	54.02	337	I	Amb	I	08 22 46.1
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SOLC Bahia Solano	24.71	341	eP	P	08 18 39.4 -3.6	143A Soledad Landing	comp-Z,30nm,0.6s	54.02	337	I	Amb	I	08 22 46.1
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	PAMC Pamplona, Colo	24.74	352	eP	P	08 18 39.4 -4.3	V55A Taylorsville	comp-Z,49nm,1.0s	54.07	348	I	Amb	I	08 23 31.4
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	VAS01 Vassouras-RJ	24.93	106	eP	P	08 18 45.3 +0.4	X48A Hartselle	comp-Z,70m,1.5s	54.17	342	I	Amb	I	08 22 50.3
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	ZBBC Dabeiba	25.11	344	eP	P	08 18 42.6 -4.0	H10N3 ASCENSION HYDR54,8	comp-Z,257,slow=7.5,SNR=4.8	54.39	87	P	P	08 22 47.3 +1.2	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	ZARC Zaragoza, Cauc	25.25	347	eP	P	08 18 42.6 -5.2	H10N2 ASCENSION HYDR54,80	comp-Z,257,slow=7.5,SNR=5.4	54.39	87	P	P	08 22 47.3 +1.2	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	ZARC Zaragoza, Cauc	25.25	347	eP	P	08 18 45.2 -2.6	H10N1 ASCENSION HYDR54,80	comp-Z,257,slow=7.5,SNR=5.4	54.39	87	P	P	08 22 47.3 +1.1	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	ZARC Zaragoza, Cauc	25.25	347	eP	P	08 18 47.1	W50A Signal Mountain	comp-Z,35nm,0.9s	54.39	87	I	Amb	I	08 23 33.4
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	UREC San Jos de Ur	25.65	346	eP	P	08 18 47.6 -3.9	ASCN Ascension	comp-Z,17nm,0.4s,baz=197,slow=2.9,SNR=17	54.43	347	I	Amb	I	08 22 46.0 -1.2
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	FMAB Tom-Au,PA,Br	25.70	357	eP	P	08 18 54.4 -1.2	TKL Tuckaleechee C	comp-Z,17nm,0.9s,baz=164,slow=9.8,SNR=23	54.44	346	P	P	08 22 45.3 -1.7	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	OCAC Ocaña	25.71	351	eP	P	08 18 53.9 -1.7	NATX Nacogdoches	comp-Z,150,SNR=13	54.49	334	P	P	08 22 49.1 +1.6	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	DUB01 Friburgo-RJ	25.89	105	eP	P	08 18 53.8 +0.1	NATX Nacogdoches	comp-Z,150,SNR=13	54.49	334	P	P	08 22 49.1 +1.6	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	GO07 Milladoe Hill,	25.94	187	P		08 18 54.2 +0.5	T59A Double "B" Far	comp-Z,83nm,0.9s	54.56	352	I	Amb	I	08 22 54.4
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	GO07 Milladoe Hill,	25.94	187	P		08 18 56.1	V52A Sevierville	comp-Z,60nm,1.1s	54.57	346	I	Amb	I	08 23 37.6
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SDV Santo Domingo	26.09	357	P		08 18 52.8 -2.8	T57A Hurt	comp-Z,37nm,1.1s	54.84	350	I	Amb	I	08 23 37.2
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SDV Santo Domingo	26.09	357	eP	P	08 18 55.1 -0.5	U54A Nelsons Funny	comp-Z,34nm,0.9s	54.84	348	I	Amb	I	08 23 40.4
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SDV Santo Domingo	26.09	357	eP	P	08 18 54.0 -1.2	435B Jarrell	comp-Z,147,SNR=9.7	54.98	330	P	P	08 22 52.0 +1.0	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SDV Santo Domingo	26.09	357	eP	P	08 18 53.9 -1.7	435B Jarrell	comp-Z,147,SNR=9.7	54.98	330	P	P	08 22 52.0 +1.0	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SDV Santo Domingo	26.09	357	eP	P	08 18 54.0 -1.2	Z41A Richland Creek	comp-Z,30nm,0.7s	54.95	336	P	P	08 22 54.1 +0.3	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SDV Santo Domingo	26.09	357	eP	P	08 18 53.9 -1.7	TZTN Tazewell	comp-Z,153	55.23	346	P	P	08 22 52.2 -0.5	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	BAUV El Baul	26.16	3	P		08 18 55.1 -0.9	BLA Blacksburg	comp-Z,167	55.24	349	P	P	08 22 52.8 -0.1	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SMLC San Martn de	26.38	350	eP	P	08 18 55.0 -3.0	V48A Smith Brothers	comp-Z,43nm,0.6s	55.30	343	I	Amb	I	08 22 54.4
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	CA01 Caracas	26.53	104	eP	P	08 18 53.9 -1.4	454A Hickory Valley	comp-Z,49nm,0.6s	55.30	340	I	Amb	I	08 23 40.0
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SJMB Sao Joao de Ma	26.89	97	eP	P	08 19 02.8 +0.2	CLTN Cedars of Leba	comp-Z,59m,0.9s	55.55	336	I	Amb	I	08 23 41.1
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	BSFB Barra de Sao F	27.20	98	eP	P	08 19 05.4 0.0	WLAR White Oak Lake	comp-Z,96nm,1.0s	55.75	344	I	Amb	I	08 23 41.6
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	ALF01 Guarapari-ES	27.33	101	eP	P	08 19 06.9 +0.5	U49A Red Boiling Sp	comp-Z,23nm,0.7s	55.75	344	I	Amb	I	08 23 41.6
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	ARGC Ariguanu, Magd	27.44	350	eP	P	08 19 05.3 -2.2	CBN Corbin Frederi	comp-Z,171	55.81	328	P	P	08 22 57.8 +0.7	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	RIB01 Linhares ES	27.62	99	eP	P	08 19 08.7 -0.5	JCT Junction City	comp-Z,144,SNR=25	55.81	328	I	Amb	I	08 23 00.7
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SJCC San Jacinto, C	27.66	348	P		08 19 08.1 -1.3	JCT Junction City	comp-Z,144,SNR=25	55.81	328	I	Amb	I	08 23 00.7
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SJCC San Jacinto, C	27.66	348	P		08 19 08.1 -1.3	WHTX Lake Whitney,	comp-Z,147,SNR=16	55.93	331	P	P	08 22 58.8 +1.1	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	SJCC San Jacinto, C	27.66	348	P		08 19 53.8	WWT Waverly	comp-Z,19nm,0.7s	55.96	342	P	P	08 22 56.0 -1.9	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	PCRV Puerto La Cruz	27.75	10	P		08 19 08.9 -1.4	WWT Waverly	comp-Z,159	55.96	342	P	P	08 22 56.3 -1.6	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	MDP Montagnes des	27.80	38	P		08 19 10.1 -0.6	WWT Waverly	comp-Z,19nm,0.7s	55.96	342	P	P	08 22 56.3 -1.6	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	MDP Montagnes des	27.80	38	P		08 19 10.1 -0.6	S54A Dingess, Beckl	comp-Z,46nm,0.6s	55.98	349	I	Amb	I	08 22 59.5
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	MDP Montagnes des	27.80	38	P		08 19 10.1 -0.6	T50A Nancy	comp-Z,25nm,0.8s	55.99	345	I	Amb	I	08 23 43.6
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	MDP Montagnes des	27.80	38	P		08 19 10.1 -0.6	X40A Basin Creek Fa	comp-Z,153,SNR=5.2	56.15	337	P	P	08 22 59.1 -0.1	
GO03 Copiap	10.23 184	eP	Pn	08 15 56.9 -2.9	MDP Montagnes des	27.80	38	P		08 19 10.1 -0.6	R55A Marlinton	comp-Z,76nm,1.5s	56.34	321	I	Amb	I	08 23 45.5
GO03 Copiap																		

ANF 08 09:29:00.1.2.1.36.90N-97.80W, h2km, 15km, ML4.3/9, Error ellipse: s-maj=7.0km s-min=5.2km az=91.0

NEIC 08 09:29:00.1.1.0.36.94N-01.04-97.83W, 0.07, h6km, 7km, Error ellipse: s-maj=8.4km s-min=6.0km az=83.0

NEIC 08 09:29:00.3.0.9.36.92N-01.02-97.81W, 0.06, h5km, 7km, Error ellipse: s-maj=6.9km s-min=2.9km az=72.0

ISC 08 09:29:00.2.0.8.36.93N-01.02-97.83W, 0.02, h9km, 5km, h102, 0.091/105, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Grant County #, Manchester OK, Caldwell West, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HDIL Hopedale, JFWS Jewell Farm, JFWS Jewell Farm, etc.

IDC 08 09:45:38.3.1.5.1.87N-125.60E, h0km, mb3.9/4, mb1.4/0.5, mb1mx3.7/42, mbtmp3.9/5, Error ellipse: s-maj=103.9km s-min=23.9km az=67.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SGTI Sanghie, GTOI Gorontalo, LBMI Labuha, etc.

IDC 08 09:52:14.3.1.1.0.95N-142.37E, h0km, mb3.7/5, mb1.3/9.5, mb1mx3.6/34, mbtmp3.7/5, MS3.5/1, Ms1.3/5.1, ms1mx2.7/43, Error ellipse: s-maj=72.0km s-min=20.2km az=75.0

DJA 08 09:52:15.8.0.5.1.1N-3.12E, h10km, M3.4/5, MLV3.4/5, ISC 08 09:52:16.1.4.4.1.0N-0.1.127.5E, h13km, 29km, n8, 0.072/8, mb3.7/5, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TMTI Ternate, LBMI Labuha, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ITZ Tezhi-Tezhi, ITZ Tezhi-Tezhi, ITZ Tezhi-Tezhi, etc.

IDC 08 09:27:29.9.0.8.6.84N-94.56E, h0km, mb3.8/12, mb1.3/9.14, mb1mx3.8/43, mbtmp3.8/14, Error ellipse: s-maj=38.3km s-min=15.8km az=54.0

NEIC 08 09:27:33.2.1.4.6.9N-0.2-94.16E, 0.2, h10km, 2km, mb4-4/4, Error ellipse: s-maj=44.6km s-min=20.7km az=23.0

ISC 08 09:27:34.5.0.6.6.9N-0.1-94.7E, 0.1, h2km, n36, 0.070/35, mb4.0/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PSR Prapat, CMI Chiang Mai Arr, H0BS3 Diego Garcia H, etc.

TUL 08 09:33:43.4.1.1.35.916N-0.007-97.34W, 0.02, h5km, 7km, s-min=1.1km az=92.0, Error ellipse: s-maj=2.0km

NEIC 08 09:33:43.8.0.8.35.92N-0.01-97.34W, 0.02, h9km, 4km, Error ellipse: s-maj=2.1km s-min=1.5km az=62.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like OK029 Liberty Lake, OK029 Westminster Rd, OK025 Quay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T35A Sooner Cattle, KAN09 Caldwell North, KAN05 Bluff City Nor, etc.

BJI 08:09:34:53.8,0.0,0.54N-99.06E,h75km,mB5.6/59, mb5.776,M5.5.93,M5.7.186
MOS 08:09:34:55.1,1.0,0.78N-98.93E,h71km,mb6.4/108,Error ellipse: s-maj=6.3km s-min=3.5km az=110.8

NEIC 08:09:34:56.8,0.75N-98.88E,h71km,Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mrr-2.64; Mss-0.20; Mtt-2.84; Mss-2.08; Mrr-2.70; Mrr-4.23; Fault plane solution: M6.090000*1017 NP1:334.390000*, 571.720000*, lambda=85.490000* NP2:140.300000*, 181.810000*, lambda=103.370000*

DJA 08:09:34:57.0,1.1N-1.9E,h78km,km,M5.7/133, mb6.2/120,mb6.0/133,MLV6.3/25,MW(b)5.8/20, MwMwp5.3/56,Mwp5.5/56
IDC 08:09:34:57.0,0.5,0.83N-98.97E,h81km,4km,mb5.6/43, mb1.5/6.46,mb1mx5.5/48,mbtmp5.9/46,MSA.6/44, Ms1.4/6.44,ms1mx4.6/49,Error ellipse: s-maj=9.8km s-min=7.0km az=60.0

KLM 08:09:34:58.0,0.67N-98.75E,h80km,mb6.4 GCMT 08:09:34:58.0,0.1,0.78N-0.01E-98.78E,0.01, h87km, Mw5.8/141,Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mrr-2.45; Mss-1.34; Mtt-3.33; Mrr-3.46; Mrr-3.06; Best double couple: M5.300000*1017 NP1:127.000000*, 825.000000*, lambda=123.000000* NP2:342.000000*, 869.000000*, lambda=76.000000*

NEIC 08:09:34:59.0,0.97N-98.92km,Moment Tensor Solution. Duration: 3s8 Moment tensor: Scale 1017Nm; Mrr-2.45; Mss-1.34; Mtt-3.33; Mrr-3.46; Mrr-3.06; Fault plane solution: M6.210000*1017 NP1: 148.000000*, 823.000000*, lambda=96.000000* NP2: 335.000000*, 867.000000*, lambda=87.000000* Principal axes: T 7.1492, Plg22.00000*, Azm63.00000*, N -1.3203, Plg2.00000*, Azm154.00000*, P -4.0289, Plg68.00000*, Azm250.00000*

BGR 08:09:35:01.5,0.0,0.73N-97.59E,h74km,1km,mb6.2,Ms4.7 NEIC 08:09:35:03.0,0.64N-98.78E,h100km,Moment Tensor Solution. Duration: 12s0 Moment tensor: Scale 1017Nm; Mrr-2.28; Mss-0.48; Mtt-1.79; Mrr-2.02; Mrr-3.06; Fault plane solution: M5.080000*1017 NP1: 131.000000*, 822.000000*, lambda=104.000000* NP2: 326.000000*, 868.000000*, lambda=84.000000* Principal axes: T 5.7685, Plg23.00000*, Azm52.00000*, N -1.9745, Plg5.00000*, Azm144.00000*, P -3.7940, Plg66.00000*, Azm246.00000*

ISC 08:09:34:57.4,0.2,0.75N-0.02E-98.90E,0.03,h83km,1km, h83km:pp-P,1871,154/2245,mb6.0/341,153-536D, Fault plane solution: NP1:320.83334*, 661.04662*, lambda=98.25679* NP2:157.52007*, 330.00935*, lambda=75.44849* Principal axes: T Plg15.6646, Azm59.9873*, N Plg17.1819*, Azm24.9517*, P Plg72.6736*, Azm210.8970* Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNSI Mandailing Nat, SIBOLGA Sibolga, GSI Gunungsitoli, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MDSI Maura Dua, LWLI Liwa, PPBI Pangkajene, KLSI Kota Agung, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPI Kappang, KAPI Kappang, KAPI Kappang, etc.

Table with columns for station call signs (e.g., USA0B, USA0B, USA0B), frequencies, and various signal quality indicators (P, S, I, M, etc.).

Table with columns for station call signs (e.g., ZEA, ZEA, ZEA), frequencies, and various signal quality indicators (P, S, I, M, etc.).

Table with columns for station call signs (e.g., MAK, MAK, MAK), frequencies, and various signal quality indicators (P, S, I, M, etc.).

MODS	comp=Z,155nm,1.1s	83.87 318	eP	P	09 47 17.8	-0.3
MODS	Modra-Piesok				09 47 37.6	
MODS	comp=Z,271nm,1.4s		pmx	pmx		
MODS	comp=Z,152nm,1.3s	83.87 318	eP	P	09 47 17.8	-0.3
MODS	Modra-Piesok				09 47 37.6	
MOSL	Moslavina	83.97 316	iP	P	09 47 18.1	+0.5
ZST	Bratislava	83.97 318	eP	P	09 47 19.2	+0.6
ZST					09 47 39.4	
ZST	comp=Z,669nm,1.3s		pmx	pmx		
ZST	Bratislava	83.97 318	eP	P	09 47 19.2	+0.6
ZST					09 47 39.4	
HVAR	Hvar	83.98 313	iP	P	09 47 17.9	+0.8
BEHE	Becsehely	84.03 316	iP	P	09 47 18.2	+0.7
BEHE	Becsehely	84.03 316	iP	P	09 47 19.8	+0.9
KJV	Kijevo	84.08 314	iP	P	09 47 18.1	-1.1
KALN	Kalinik	84.22 316	iP	P	09 47 19.6	-0.4
SOP	Sopron	84.28 318	iP	P	09 47 20.6	+0.4
KRLC	Kraliky	84.36 320	eP	P	09 47 21.4	+0.8
KRLC	Kraliky	84.36 320	eP	P	09 47 42.0	
KRLC	Kraliky	84.36 320	eP	P	09 47 21.4	+0.8
KRLC	Kog	84.39 316	eP	P	09 47 42.0	-0.7
KOGS	Kog	84.39 316	eP	P	09 47 21.4	+0.7
SGRT	San Giovanni R	84.39 312	eP	P	09 47 21.1	+0.1
SGRT			IAMB	IAMB	09 47 22.2	
GKP	Gorka Klasztor	84.41 323	eP	P	09 47 21.1	+0.5
GKP					09 47 41.1	-1.7
GKP	Gorka Klasztor	84.41 323	eP	P	09 47 20.9	+0.3
VRAC	Vranov	84.41 319	eP	P	09 47 21.2	+0.4
VRAC					09 47 41.2	-1.7
VRAC					09 57 38.4	-2.0
VRAC					09 47 21.3	0.0
LOBO	Lobor	84.49 316	iP	P	09 47 21.6	+0.3
KRUC	Moravsky	84.52 319	iP	P	09 47 21.7	-1.8
KRUC					09 57 40.7	-0.7
ZAG	Zagreb	84.52 316	iP	P	09 47 21.7	+0.3
ZAG	Zagreb	84.52 316	iP	P	09 47 22.1	+0.7
PTJ	Puntijarka	84.54 316	iP	P	09 47 21.6	0.0
MORI	Murci	84.57 314	iP	P	09 47 20.6	-1.0
UDBI	Udbina	84.58 314	iP	P	09 47 21.2	-0.6
ZIRJ	Zirje	84.60 314	iP	P	09 47 20.8	-1.0
DPC	Dobruska-Polom	84.68 320	eP	P	09 47 22.9	+0.7
DPC					09 57 39.9	+0.9
DPC					09 57 39.9	+0.9
DPC	Dobruska-Polom	84.68 320	eP	P	09 47 22.9	+0.7
DPC					09 47 43.1	-1.2
DPC			eSKS	AMS	09 57 39.9	+0.9
DPC			AMS	AMS	10 25 10.0	
comp=Z,400nm,21.9s						
PLIT	Plitvice	84.70 315	iP	P	09 47 25.0	+2.5
KSP	Ksiaz	84.74 321	eP	P	09 47 23.3	+0.9
KSP					09 47 43.4	-1.2
OStC	Ostas	84.77 321	eP	P	09 47 23.1	+0.5
OStC					09 47 44.1	
OStC			eSKS	AMS	09 57 34.4	-5.1
OStC			AMS	AMS	10 25 10.0	
comp=Z,500nm,29.6s						
CONA	Conrad Observa	84.77 318	iP	P	09 47 22.7	-0.1
CONA					09 47 43.6	-1.4
CONA			eS	SKSAC	09 57 37.6	-2.3
comp=Z,24nm,1.0s						
CONA					09 57 37.6	-2.3
comp=Z,2.2nm,1.1s						
OZLI	Ozalj	84.86 316	iP	P	09 47 23.0	-3.1
CHVC	Chvalec	84.87 321	eP	P	09 47 44.6	+0.8
CHVC					09 47 44.5	+0.8
CHVC			AMS	AMS	10 25 30.0	
comp=Z,400nm,24.0s						
UPC	Cresnjevi	84.89 316	iP	P	09 47 23.8	+0.5
UPC	Ujice	84.89 320	eP	P	09 47 23.8	+0.6
UPC					09 47 44.6	
UPC					09 57 43.9	+3.6
UPC			MLR	MLR		
comp=Z,600nm,33.9s						
UPC	Ujice	84.89 320	eP	P	09 47 23.8	+0.6
UPC					09 47 44.6	+0.8
UPC			eSKS	AMS	09 57 43.9	+3.6
UPC			AMS	AMS	10 25 20.0	
comp=Z,600nm,33.9s						
GROS	Grobnik	84.90 316	iP	P	09 47 23.9	+0.5
GROS					09 47 43.8	-1.8
ARSA	Arzberg	84.95 317	iP	P	09 47 24.3	+0.7
ARSA					09 47 44.8	-1.0
ARSA			eS	SKSAC	09 57 41.1	+0.2
comp=Z,4.4nm,1.1s						
UPP	Uppsala	84.96 330	eP	P	09 47 23.8	+0.5
BOJS	Bojanci	85.01 315	iP	P	09 47 24.3	+0.5
BOJS					09 47 44.4	-1.6
BOJS			eS	SKSAC	09 57 43.2	-3.2
BOJS					09 58 14.7	
BOJS					10 10 31.2	
DUGI	Dugi Otok	85.04 314	iP	P	09 47 22.7	-1.4
VNDA	Vanda	85.06 169	iP	P	09 47 24.4	+0.9
VNDA					09 47 25.9	
comp=Z,30nm,0.6s,baz=31,slo=5.2,SNR=289						
VNDA			PKKP	PKKP	10 05 26.7	+1.4
comp=Z,2.4nm,0.8s,baz=71,slo=3.0,SNR=4.6						
VNDA			LR	LR	10 19 24.4	
comp=Z,183nm,21.9s,baz=314,slo=31						
VNDA	Vanda	85.06 169	iP	P	09 47 24.0	+0.6
VNDA			IAMB	IAMB	09 47 25.9	
comp=Z,324nm,1.6s						
TREC	Trest	85.13 319	eP	P	09 47 25.3	+0.9
TREC					09 47 45.7	
TREC			MLR	MLR		
comp=Z,400nm,26.3s						
TREC	Trest	85.13 319	eP	P	09 47 25.3	+0.9
TREC					09 47 45.7	-0.9
TREC			AMS	AMS	10 23 20.0	
comp=Z,400nm,26.3s						
NVLJ	Novljani	85.22 314	iP	P	09 47 24.0	-0.9
SOKA	Sotho	85.24 317	iP	P	09 47 25.8	+0.7
comp=Z,210nm,1.2s,SNR=140						
SOKA					09 47 46.0	-1.3
comp=Z,214nm,1.1s						
SOKA			eS	SKSAC	09 57 43.0	+0.2
comp=Z,14nm,1.9s						
RABC	Rab	85.29 315	iP	P	09 47 24.6	+0.7
RIV	Rijeka	85.54 315	iP	P	09 47 26.1	-0.4
RIV	Rijeka	85.54 315	iP	P	09 47 24.7	-1.8
LJU	Ljubljana	85.55 316	iP	P	09 47 27.4	+0.8
LJU	Ljubljana	85.55 316	iP	P	09 47 27.4	+0.8
LJU			eP	P	09 47 47.3	-1.4
LJU			eP	P	09 57 50.1	-1.7
OBKA	Obir	85.56 316	iP	P	09 47 27.2	+0.5
OBKA					09 47 47.4	-1.6
OBKA			eS	SKSAC	09 57 46.1	+1.2
comp=Z,2.9nm,0.8s						
CEY	Cerknica	85.60 316	iP	P	09 47 26.8	-0.1
SMRN	Sveta Marina	85.75 315	iP	P	09 47 27.0	-0.5
PRU	Pruhonice	85.79 320	eP	P	09 47 28.1	+0.4
PRU					09 47 47.8	-2.1
PRU			eS	SKSAC	09 57 49.3	+3.3
PRU					09 47 28.1	+0.4
PRU			eP	P	09 47 47.8	-2.1
PRU			eSKS	AMS	09 57 49.3	+3.3
PRU			AMS	AMS	10 19 30.0	
comp=Z,400nm,35.1s						
PVCC	Panska Ves	85.81 320	eP	P	09 47 28.6	+0.8
PVCC					09 47 49.4	
PVCC	Panska Ves	85.81 320	eP	P	09 47 28.6	+0.8
PVCC					09 47 49.4	-0.6
MOA	Molin	85.84 318	iP	P	09 47 28.0	0.0
comp=Z,18nm,0.9s,SNR=24						
MOA					09 47 48.4	-1.8
comp=Z,42nm,1.0s						
MOA			eS	SKSAC	09 57 44.8	-1.6
comp=Z,6.2nm,1.5s						
CKRC	Cesky Krumlov	85.87 319	eP	P	09 47 28.7	+0.6
CKRC					09 47 48.7	-1.6
CKRC			eSKS	AMS	09 57 38.4	-8.2
CKRC			eP	P	09 47 48.9	+0.8
PRA	Prague	85.87 320	eP	P	09 47 28.0	0.0
PRA					09 47 48.9	
PRA			eP	P	09 47 28.8	+0.8
PRA			eP	P	09 47 48.9	-1.3
PRA			eP	P	09 47 28.0	-0.3
BSD	Bornholm Skovb	85.94 325	iP	P	09 47 28.0	-0.3

BSD	Scott Base	86.15 169	iP	P	09 47 48.4	
SBA	SBA		pmx	pmx	09 47 30.8	+1.9
SBA					09 47 30.8	+1.9
comp=Z,113nm,1.0s						
SBA	Scott Base	86.15 169	iP	P	09 47 30.8	+1.9
SBA			IAMB	IAMB	09 47 31.6	
comp=Z,112nm,0.9s						
AQU	L'Aquila	86.17 312	iP	P	09 47 30.1	+0.3
MYKA	Terra Mystica	86.19 317	iP	P	09 47 30.2	+0.4
comp=Z,131nm,1.7s,SNR=31						
MYKA			eP	P	09 47 51.4	-0.6
comp=Z,87nm,0.9s						
MYKA			eS	SKSAC	09 57 47.8	-1.0
comp=Z,5.2nm,1.0s						
BRG	Berggiesshubel	86.23 321	eP	P	09 47 30.6	+0.8
BRG					09 47 30.6	+0.8
BRG			eP	P	09 47 30.5	-1.6
BRG			eP	P	09 47 30.8	+1.0
BRG			Amp	Amp	09 47 32.2	
comp=Z,91nm,1.1s						
BRG			eP	P	09 47 51.1	-0.9
BRG			eP	P	09 47 52.9	
comp=Z,96nm,1.1s						
BRG			eP	P	09 50 50.6	-0.9
BRG			eP	P	09 50 55.1	
comp=Z,17nm,1.2s						
BRG	Berggiesshubel	86.23 321	S	S	09 57 50.0	+0.8
ROBS	Robic	86.27 316	iP	P	09 47 30.1	0.0
ROBS			eP	P	09 47 50.0	-2.5
ROBS			eS	SKSAC	09 57 44.4	-1.4
ROBS			eS	SKSAC	09 58 29.3	
GECC	GERESS Array S	86.27 319	eP	P	09 47 30.8	+0.6
GECC					09 47 50.7	-1.8
GECC					09 47 30.8	+0.6
comp=Z,284nm,1.3s						
GERES	GERESS Array B	86.27 319	P	P	09 47 30.8	+0.6
comp=Z,66nm,1.1s,baz=92,slo=5.5,SNR=185						
GERES			eP	P	09 47 51.1	-1.3
comp=Z,93nm,1.1s,baz=98,slo=5.5,SNR=13						
GERES			LR	LR	10 32 20.5	
comp=Z,79nm,19.5s,baz=101,slo=40						
GERES	GERESS Array B	86.27 319	P	P	09 47 30.5	+0.3
KHC	Kasperske Hory	86.37 319	eP	P	09 47 30.7	+0.1
KHC					09 47 51.6	
KHC					09 48 02.0	
KHC					09 57 45.7	-4.0
KHC			MLR	MLR		
comp=Z,400nm,19.9s						
KHC	Kasperske Hory	86.37 319	eP	P	09 47 30.7	+0.1
KHC			eP	P	09 47 51.6	-1.2
KHC			eP	P	09 48 0	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like IRM Iron Mountain, BC3 Big Chockawall, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like Y49A Blount Mountain, BO01 Tunca, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like KIRV Kirov, BRTR Keskin Array B, and many others.

8d 10h

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

IDC 08 09:55:43.6z 2.7, 6.75N, 94.440E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.4/57, mbtmp3.5/6, Error ellipse: s-maj=19.7km, s-min=24.8km az=59.0

ISC 08 09:55:47.6z 2.3, 6.8N, 94.494E, 0.6, h26km, n6, a0663/6, mb3.5/6, Nicobar Islands region

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

IDC 08 09:57:40.6z 2.7, 7.40N, 95.46E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.5/57, mbtmp3.6/6, ML3.7/1, Error ellipse: s-maj=15.9km, s-min=21.5km az=57.0

ISC 08 09:57:45.3z 2.3, 7.33N, 95.4E, 0.3, h35km, n6, a0686/6, mb3.6/5, Nicobar Islands region

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

BUI 08 10:04:33.5z 0.0, 6.59N, 94.40E, h22km, mB5.1/12, mb4.5/36, MS4.6/7, MS7.4/47

NEIC 08 10:04:36.6z 1.2, 6.79N, 95.08z, 94.4E, 0.1, h20km, 2km, mb4.7/45, Error ellipse: s-maj=16.2km, s-min=9.9km az=59.0

IDC 08 10:04:37.8z 5.7, 6.93N, 94.54E, h33km, 43km, mb4.1/27, mb1 4.2/29, mb1mx4.1/62, mbtmp4.3/29, ML4.0/2, MS4.1/5, MS1.4/1, s-maj=11.2km, Error ellipse: s-maj=23.3km, s-min=11.2km az=53.0

ISC 08 10:04:36.5z 0.4, 6.76N, 95.00z, 94.27E, 0.06, h26km, n139, a1517/138, mb4.6/74, MS4.1/4, 1C-1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LHMI, PSI, GSI, etc.

2015 NOV

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DANN, H0BS3, H0BS2, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BURAR, FINES, JAVC, etc.

IDC 08 10:07:18.7z 0.7, 7.19N, 94.86E, h0km, mb4.1/21, mb1 4.2/22, mb1mx4.0/62, mbtmp4.1/22, ML3.7/1, Error ellipse: s-maj=32.1km, s-min=15.6km az=52.0

NEIC 08 10:07:21.2z 1.6, 7.15N, 95.09z, 94.8E, 0.1, h10km, 1km, mb4.7/12, Error ellipse: s-maj=25.7km, s-min=13.6km az=249.0

ISC 08 10:07:24.0z 0.5, 7.2N, 95.01z, 94.8E, 0.1, h35km, n43, a1505/44, mb4.3/27, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LHMI, PSI, CMAR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GERS GERS Array B, HAFS Hagfors, STAL STALIGAL, NB2 NORRAR Subarra, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ANWZ Angora Road, BFZ Birch Farm, PRWZ Pori Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DSZ Denniston Nort, LTZ Lake Taylor, AMCZ Amberley, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SOCV Socops, SOCV Socops, SOCV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ANWZ Angora Road, BFZ Birch Farm, PRWZ Pori Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, BBOO Buckleboe, COEN Coen, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PAMC Pampiona, COVOC Machiques, MCOV MCOV, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ANWZ Angora Road, BFZ Birch Farm, PRWZ Pori Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WB2 Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ANWZ Angora Road, BFZ Birch Farm, PRWZ Pori Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BRRC Barranca, ARGC Ariguani, ARGC Ariguani, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ANWZ Angora Road, BFZ Birch Farm, PRWZ Pori Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MAPV Macapao, URIC Uribia, URIC Uribia, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ANWZ Angora Road, BFZ Birch Farm, PRWZ Pori Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SPBC San Pablo de B, SJCC San Jacinto, SJCC San Jacinto, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ANWZ Angora Road, BFZ Birch Farm, PRWZ Pori Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TACV Tcata, HELC Santa Helena, CACY CAICARA DEL OR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ANWZ Angora Road, BFZ Birch Farm, PRWZ Pori Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WB2 Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ANWZ Angora Road, BFZ Birch Farm, PRWZ Pori Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WB2 Warramunga Arr, etc.

8d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONMG Songoing Array, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, etc.

IDC 08 10:35:43.6, 4.8, 36.24Nk:71.07E, h182km, mb3.2/8, mb1 3.3/9, mb1mx3.0/45, mbtmp3.7/9, Error ellipse: s-maj=36.8km s-min=23.5km az=34.0

NNC 08 10:35:54.4, 3.4, 37.31Nk:71.10E, h283km, 34km, mb2.7, mpv3.8, Error ellipse: s-maj=32.4km s-min=24.6km az=28.0

ISC 08 10:35:46.4, 1.1, 36.68N, 0.1, 71.1E, 0.1, h200km, n20, r154/23, mb3.4/7, 4C-5D, Afghanistan-Tajikistan border region

Main table for 8d 10h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, etc.

NEIC 08 10:42:01.6, 1.8, 6.88N, 0.07, 94.55E, 0.07, h8km, 1km, mb5.2/92, Mw5.4/12, Mww5.5, Mw5.6(GCMT), Error ellipse: s-maj=13.3km s-min=9.6km az=50.0

MOS 08 10:42:01.1, 1.0, 6.92N, 94.57E, h23km, mb5.3/48, MS5.0/8, Error ellipse: s-maj=7.7km s-min=4.0km az=113.1

BGR 08 10:42:01.0, 1.0, 5.93N, 94.47E, h32km, mb5.2, Ms5.2, BUJ 08 10:42:02.8, 0.0, 6.77N, 94.37E, h37km, mb5.2/52, mb5.0/70, Ms5.5/75, Ms7.5/368

DJA 08 10:42:02.9, 1.1, 7.1N, 94.5E, h12km, 7km, M5.2/61, mb5.2/61, mb5.6/38, MLv5.7/7, Mw(MB)5.1/38, MwMwp5.2/6, MwMwp5.4/6

GCMT 08 10:42:04.0, 6.0, 1.6, 9.98N, 0.01, 94.68E, 0.01, h21km, MW5.5/130, Moment Tensor Solution. s83c134; s130, c239; Duration: 1s4 Moment Tensor Scale 10^17 Nm; Mn=0.46, Ms=0.41, Mw=1.94, Mx=2.41, My=0.4; Mw=0.73, Ms=0.79, Mx=0.11, My=0.07; Best double couple: M2.4560000x10^17, NP2.39.350000, 583.190000, 1.183.00000, 1.183.00000, Azm3.00000, Azm3.00000, 1.18.00000 Principal axes: T 2.5690, Plg5.0000, Azm101.0000; N -0.2200, Plg69.0000, Azm203.0000; P -2.3420, Plg21.0000, Azm9.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 08 10:42:04.9, 6.86N, 94.54E, h8km, Moment Tensor Solution. Moment tensor: Scale 10^17 Nm; Mn=0.01; Mw=1.21; Ms=1.22; Mw=0.41; Mw=0.61; Mw=0.57; Fault plane solution: M1.530000x10^17, NP1.16.146.27000, 565.75000, 1.172.53000, NP2.239.35000, 583.19000, 1.24.43000 Principal axes: T 1.6235, Plg2.0000, Azm105.0000, Azm2.0000, Azm3.0000, Azm254.0000; P -1.4084, Plg12.0000, Azm10.0000;

KLM 08 10:42:04.6, 9.90N, 94.66E, h10km, mb5.5, IDC 08 10:42:04.9, 1.7, 6.96N, 94.63E, h33km, 12km, mb4.6/45, mb1 4.7/48, mb1mx4.6/60, mbtmp4.8/48, ML4.5/3, MS5.0/21, Ms1 5.0/21, ms1mx4.8/51, Error ellipse: s-maj=10.7km s-min=9.1km az=46.0

NEIC 08 10:42:06.6, 9.98N, 94.66E, h26km, Moment Tensor Solution. Duration: 3s0 Moment tensor: Scale 10^17 Nm; Mn=0.31; Mw=2.47; Ms=2.78; Mw=0.09; Mw=1.08; Mw=0.39; Fault plane solution: M2.568000x10^17, NP1.6.146.27000, 565.75000, 1.172.53000, NP2.239.35000, 583.19000, 1.24.43000 Principal axes: T 1.6235, Plg2.0000, Azm105.0000, Azm2.0000, Azm3.0000, Azm254.0000; P -1.4084, Plg12.0000, Azm10.0000;

NEIC 08 10:42:07.6, 7.8N, 94.45E, h12km, Moment Tensor Solution. Duration: 6s0 Moment tensor: Scale 10^17 Nm; Mn=0.46; Ms=1.68; Mw=2.14; Mw=0.20; Mw=0.17; Mw=0.34; Fault plane solution: M2.00000x10^17, NP1.16.146.27000, 578.00000, 1.1.00000, NP2.239.35000, 588.00000, 1.167.00000 Principal axes: T 2.1896, Plg7.0000, Azm272.0000, N -0.4673, Plg78.0000, Azm147.0000; P -1.7223, Plg10.0000, Azm3.0000;

ISC 08 10:42:04.5, 0.6, 6.87N, 0.03, 94.46E, 0.03, h31km, 3km, h32km, pP-P, n648, r1574/753, mb5.1/206, MS5.1/43, 17C-24D, Nicobar Islands region

Main table for 8d 10h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LHMI Lhok Sumawe, TPTI Port Blair, PBA Port Blair, etc.

2015 NOV

Main table for 2015 NOV section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI comp=Z,10um,19.7s, baz=295, slow=44, GSI Gunungsitoli, KULI KULI, etc.

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Main table for 460 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA Lhasa, GKN Gorkha, KOLN Koldanda, etc.

TIA	comp=Z,20nm,1.2s		pmax	pmax		
TIA	comp=Z,260nm,4.7s		pmax	pmax		
TIA	comp=Z,3um,14.7s		LR	LR		
TIA	comp=Z,5um,17.2s		LR	LR		
TIA	comp=Z,3um,12.3s		LR	LR		
KBL	Kabul	36.16 323	P	P	10 49 03.8 -0.6	
KBL	comp=Z,32nm,1.3s		pmax	pmax		
KBL	Kabul	36.16 323	P	P	10 49 04.4 -0.1	
KBL	SNR=8.4		P	P	10 49 04.4 -0.1	
KBL	Kabul	36.16 323	P	P	10 49 03.8 -0.6	
KBL	comp=Z,32nm,1.2s		IAMB	IAMB	10 49 11.7	
BTO	Baotou	36.36 20	eP	P	10 49 05.8 -0.1	
BTO	comp=Z,5um,9.8s		S	LR	10 54 47.2 +2.0	
BTO	comp=Z,16um,12.4s		LR	LR		
KSH	Kashi	36.51 336	P	P	10 49 05.1 -2.2	
KSH	comp=Z,1um,17.2s		pP	pP	10 49 11.5 -4.4	
KSH	comp=Z,2um,18.5s		pP	pP	10 49 16.5 -2.1	
KSH	comp=Z,2um,18.5s		PcP	PcP	10 51 31.6 +1.0	
KSH	comp=Z,2um,18.5s		S	S	10 54 44.1 -3.5	
KSH	comp=Z,14nm,0.6s		Ss	Ss	10 57 07.7 -1.0	
KSH	comp=Z,170nm,6.2s		pmax	pmax		
KSH	comp=Z,1um,17.2s		LR	LR		
KSH	comp=Z,2um,18.5s		LR	LR		
KSH	comp=Z,2um,18.5s		LR	LR		
JLN	Jalan Bani Buh	37.05 298	P	P	10 49 15.2 +3.2	
JLN	SNR=12		P	P	10 49 15.2 +3.2	
HHC	Hu-ho-hao-te	37.12 22	eP	P	10 49 15.0 +2.6	
HHC	comp=Z,12nm,0.9s		pP	pP	10 50 42.3 +4.4	
HHC	comp=Z,230nm,9.0s		S	PnPn	10 54 59.9 +3.1	
HHC	comp=Z,2um,18.5s		pmax	pmax		
HHC	comp=Z,4um,12.8s		LR	LR		
HHC	comp=Z,8um,11.8s		LR	LR		
HHC	comp=Z,4um,14.2s		LR	LR		
WMQ	Urumqi	37.28 352	eP	P	10 49 15.8 +2.1	
WMQ	comp=Z,37nm,1.7s		pP	pP	10 49 19.5 -2.5	
WMQ	comp=Z,200nm,3.9s		pP	pP	10 49 24.3 -1.2	
WMQ	comp=Z,2um,14.1s		S	S	10 55 01.0 +1.9	
WMQ	comp=Z,2um,18.1s		sS	sS	10 55 11.5 -1.5	
WMQ	comp=Z,2um,18.1s		pmax	pmax		
WMQ	comp=Z,2um,18.1s		LR	LR		
WMQ	comp=Z,2um,18.1s		LR	LR		
MBWA	Marble Bar	37.30 139	P	P	10 49 04.4 -1.0	
MBWA	comp=Z,63nm,1.5s		P	P	10 49 04.4 -1.0	
MBWA	Marble Bar	37.30 139	IAMB	IAMB	10 49 12.9 -1.1	
MBWA	comp=Z,3um,18.9s		IAMB	IAMB	10 49 16.0	
SWI	Sorong	37.51 100	P	P	10 49 15.3 -0.6	
SWI	comp=Z,44nm,1.1s		P	P	10 49 19.9 +3.4	
WBK	Wadi Bani Khal	37.59 298	P	P	10 49 19.9 +3.4	
WBK	comp=Z,15nm,0.9s		P	P	10 49 16.1 -1.1	
PSA00	Pilbara Seismi	37.67 139	IAMB	IAMB	10 49 18.3	
TARG	Taragay, Kyrgy	37.74 339	P	P	10 49 17.8 -0.2	
TARG	comp=Z,41nm,1.4s		IAMB	IAMB	10 49 32.8	
MHTO	MHTO	37.98 295	P	P	10 49 22.1 +2.3	
MHTO	comp=Z,2um,18.1s		P	P	10 49 22.1 +2.3	
DOM	DOM	38.09 294	P	P	10 49 23.6 +2.9	
DOM	comp=Z,2um,18.1s		P	P	10 49 23.6 +2.9	
WSAR	Wadi Sarin	38.09 299	P	P	10 49 23.0 +2.3	
WSAR	comp=Z,15nm,0.9s		LR	LR	11 05 48.0	
WSAR	comp=Z,3um,18.5s		LR	LR		
WSAR	Wadi Sarin	38.09 299	P	P	10 49 24.2 +3.5	
JMDO	Jabal Madar	38.27 298	P	P	10 49 25.3 +3.0	
JMDO	comp=Z,3um,16.5s		P	P	10 49 24.0 +1.6	
BJT	Baijiatuu	38.32 27	pmax	pmax		
BJT	comp=Z,41nm,1.1s		P	P	10 49 24.0 +1.6	
BJT	Baijiatuu	38.32 27	P	IAMB	10 49 27.2	
BJT	comp=Z,41nm,1.1s		S	S	10 49 24.0 +1.5	
BJI	Beijing	38.34 27	P	S	10 55 20.2 +5.2	
BJI	comp=Z,42nm,1.1s		pmax	pmax		
BJI	comp=Z,260nm,4.5s		LR	LR		
BJI	comp=Z,3um,16.7s		LR	LR		
BJI	comp=Z,3um,16.5s		LR	LR		
SHLS	Shalkode	38.48 342	eP	P	10 49 22.9 -1.0	
SHLS	comp=Z,3um,16.7s		P	P	10 49 22.9 -1.0	
SHLS	Shalkode	38.48 342	eP	P	10 49 22.9 -1.0	
SMDO	Samad	38.53 299	P	P	10 49 27.6 +3.1	
SMDO	comp=Z,3um,16.7s		P	P	10 49 27.6 +3.1	
SQUUM	Sultan Qaboos	38.60 299	P	P	10 49 29.2 +4.3	
UZB	Uzynybulak	38.61 342	eP	P	10 49 24.1 -0.9	
UZB	comp=Z,3um,16.7s		P	P	10 49 24.1 -0.9	
UZB	Uzynybulak	38.61 342	eP	P	10 49 24.0 -0.9	
BIDO	Bidbid	38.62 299	P	P	10 49 28.5 +3.4	
BIDO	SNR=11		P	P	10 49 28.5 +3.4	
PDGK	Podgornoye	38.63 342	P	P	10 49 25.3 +0.2	
GAR	Garm	38.70 329	P	P	10 49 25.2 -0.5	
SATY	Saty	38.72 341	eP	P	10 49 25.1 -0.9	
SATY	comp=Z,3um,16.7s		P	P	10 49 25.0 -0.9	
SATY	Kokpek	39.00 342	eP	P	10 49 27.5 -0.8	
KPKS	Kokpek	39.00 342	eP	P	10 49 27.4 -0.8	
CHGR	Chuyangaron	39.04 328	P	P	10 49 27.1 -1.1	
BSY	Bisyra	39.18 298	P	P	10 49 33.3 +3.4	
BSY	SNR=14		P	P	10 49 33.3 +3.4	
TNSS	Tian-Shan	39.19 340	eP	P	10 49 29.5 -0.7	
BTK	Batken	39.26 331	P	P	10 49 30.9 +0.5	
BTK	comp=Z,68nm,0.9s		pmax	pmax		
BTK	Batken	39.26 331	P	IAMB	10 49 30.9 +0.5	
BTK	comp=Z,68nm,0.9s		IAMB	IAMB	10 49 40.3	
MDOK	Medeo	39.27 340	eP	P	10 49 29.6 -0.8	
MDOK	comp=Z,3um,16.7s		P	P	10 49 29.7 -0.8	
HOO	Hogain	39.35 299	P	P	10 49 34.5 +3.2	
HOO	SNR=18		P	P	10 49 34.5 +3.2	
AAA	Alma-Ata	39.35 340	eP	P	10 49 30.4 -0.8	
AAA	Alma-Ata	39.35 340	eP	P	10 49 30.3 -0.8	
UCH	Uchtor	39.40 336	P	P	10 49 33.6 +1.7	
UCH	SNR=10		P	P	10 49 33.6 +1.7	
SHAO	Shalim	39.42 390	P	P	10 49 35.9 +4.0	

FITZ	Fitzroy Crossi	39.53 129	P	P	10 49 31.1 -1.6	
FITZ	comp=Z,40,SNR=16		P	P	10 49 30.9 -1.8	
TKM2	Tokmak 2	39.57 338	P	P	10 49 31.2 -1.9	
KBK	Karagaybulak	39.59 337	P	P	10 49 34.0 +0.7	
AML	Almayashu	39.65 336	P	P	10 49 34.0 +0.1	
AML	SNR=26		P	P	10 49 34.1 +0.1	
AML	Almayashu	39.65 336	iP	P	10 49 33.8 -0.1	
AAK	Ala-Archa	39.75 337	P	P	10 49 33.5 +0.7	
AAK	comp=Z,11nm,0.8s		LR	LR	11 08 19.5	
AAK	comp=Z,3um,19.0s		LR	LR	10 49 36.6 +2.1	
AAK	Ala-Archa	39.75 337	P	P	10 49 36.6 +2.1	
AAK	SNR=11		P	P	10 49 34.6 0.0	
AAK	Ala-Archa	39.75 337	P	P	10 49 34.6 0.0	
AAK	comp=Z,3um,19.0s		P	P	10 49 34.6 0.0	
AAK	Ala-Archa	39.75 337	P	P	10 49 34.6 0.0	
AAK	SNR=8.4		P	P	10 49 34.6 0.0	
CHKK	Chushkaly	39.90 340	eP	P	10 49 34.9 +0.2	
CHKK	baz=340		P	P	10 49 33.9 -1.7	
ARXS	Arharly	39.94 341	eP	P	10 49 36.4 +0.4	
ARQ	Arqai	39.95 298	P	P	10 49 39.5 +3.1	
ARQ	comp=Z,2um,20.9s		P	P	10 49 39.5 +3.1	
DMTO	DMTO	40.00 289	P	P	10 49 37.8 +0.8	
EKS2	Erkin-Say	40.06 336	P	P	10 49 37.8 +0.8	
KUU	Kurty	40.15 340	eP	P	10 49 36.1 -1.7	
KUU	comp=Z,50nm,2.6s		pmax	pmax	10 49 36.0 -1.7	
KUU	Kurty	40.15 340	eP	P	10 49 36.0 -1.7	
SOHO	SOHO	40.20 300	iP	P	10 49 41.2 +2.9	
SOHO	SNR=0		P	P	10 49 40.9 +2.6	
SOHO	SOHO	40.20 300	P	P	10 49 48.3 +1.0	
DL2	Dalian	40.22 33	eP	pmax	10 49 48.3 +1.0	
DL2	comp=Z,57nm,0.8s		pmax	pmax		
USP	Ospenovka	40.28 337	P	P	10 49 38.6 -0.2	
SGDS	Sogindy	40.39 338	eP	P	10 49 38.3 -1.4	
MSEY	Mahe Island	40.57 255	P	P	10 49 46.4 +4.8	
MSEY	SNR=1		P	P	10 49 46.4 +4.8	
RBK	Rabkut	40.66 289	P	P	10 49 46.3 +4.0	
KNRA	Kununurra	40.69 124	P	P	10 49 40.3 -2.2	
KNRA	baz=41,SNR=5.8		P	P	10 49 44.5 +1.6	
UOSS	Minazif	40.75 301	P	P	10 49 44.5 +1.6	
HATD	Hatta, Dubai	40.77 302	P	P	10 49 46.4 +3.3	
HATD	Hatta, Dubai	40.77 302	P	P	10 49 46.4 +3.3	
HATD	Hatta, Dubai	40.77 302	P	P	10 49 46.4 +3.3	
ASHO	Ashiyahj	40.79 300	P	P	10 49 45.5 +2.2	
ASHO	Ashiyahj	40.79 300	P	P	10 49 45.9 +2.6	
ASHO	Ashiyahj	40.79 300	P	P	10 49 45.9 +2.6	
ALNE	Al Ain	40.85 299	iP	P	10 49 46.6 +2.8	
ALNE	SNR=11		P	P	10 49 46.6 +2.8	
ALNE	Al Ain	40.85 299	P	P	10 49 46.7 +2.9	
ALNE	SNR=24		P	P	10 49 46.7 +2.9	
MSFE	Esma-Masafi	40.92 301	P	P	10 49 47.4 +3.0	
DOK	Doka	40.93 290	P	P	10 49 47.5 +3.0	
DOK	SNR=5.8		P	P	10 49 47.5 +3.0	
UMZA	Um Al Zomool	40.97 297	P	P	10 49 47.3 +2.6	
UMZA	comp=Z,1um,18.9s		P	P	10 49 47.3 +2.6	
BANOH	Banah	41.00 302	P	P	10 49 48.0 +3.0	
BANOH	Banah	41.00 302	P	P	10 49 48.0 +3.0	
MK31	Makanchi Array	41.13 347	P	P	10 49 46.2 +0.4	
MK31	comp=Z,49nm,1.3s		pmax	pmax	10 49 46.2 +0.4	
MK31	Makanchi Array	41.13 347	P	IAMB	10 49 55.0	
MKAR	Makanchi Array	41.13 347	P	P	10 49 46.0 +0.3	
MKAR	comp=Z,26nm,0.8s		PcP	PcP	10 51 44.8 0.0	
MKAR	comp=Z,1.8nm,0.7s		ScP	ScP	10 55 31.5 -1.1	
MKAR	comp=Z,0.8nm,0.8s		LR	LR	11 1	

Table with columns: GRF, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Grafenberg Arr, MOTA, NC405, etc.

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

Table with columns: WECS, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Westdahl Cape, SP1A, etc.

O02D	comp=Z,40nm,1.2s bazz=305	36.08 88	P	P	10 53 20.3 +2.5
JYT	Yasato	36.38 264	P	P	10 53 20.3 0.0
F10A	Beach Ranch, E	36.41 76	P	P	10 53 20.0 +2.3
JSD	Sado	36.45 268	P	P	10 53 20.8 0.0
	comp=Z,40nm,0.7s		IAMB	IAMB	10 53 25.0
H03E	Hopland Field	36.60 90	IAMS_20	IAMS_20	11 07 53.5
H03E	Paynes Creek	36.63 87	P	P	10 53 23.9 +1.4
	bazz=305,SNR=12				
H11S1	WAKE ISLAND Hy	36.64 213	T	T	11 32 32.2
	bazz=21,slow=75				
MOD	Modoc Plateau	36.66 84	IAMS_20	IAMS_20	11 07 50.9
	comp=Z,5um,18.0s				
H11S2	WAKE ISLAND Hy	36.66 213	T	T	11 32 36.2
	bazz=21,slow=75				
H11S3	WAKE ISLAND Hy	36.66 214	T	T	11 32 35.9
	bazz=21,slow=75				
USRK	Ussuriysk Ar.	36.86 281	P	P	10 53 24.3 0.0
	comp=Z,12nm,0.7s,baz=57,slow=9.9,SNR=20				
USRK	Ussuriysk Ar.	36.86 281	P	P	10 53 24.3 0.0
	comp=Z,20um,2.5s,baz=45,slow=36				
USRK	Ussuriysk Ar.	36.86 281	P	P	10 53 23.4 -0.9
	comp=Z,3um,18.0s				
MCCM	Marconi Confer	37.23 91	IAMS_20	IAMS_20	11 08 08.2
	comp=Z,5um,18.0s				
PD31	Wild Horse Val	37.40 82	P	P	10 53 30.6 +1.5
	comp=Z,32nm,1.1s		MLR	MLR	10 54 06.3
WVOR	Wild Horse Val	37.40 82	P	P	10 53 30.6 +1.5
	comp=Z,4um,18.0s				
WVOR	Wild Horse Val	37.40 82	P	P	10 53 30.6 +1.5
	comp=Z,32nm,1.1s				
WVOR	Wild Horse Val	37.40 82	P	P	10 53 30.6 +1.5
	comp=Z,4um,18.0s				
MJAR	Matsushiro Arr	37.41 266	P	P	10 53 29.1 0.0
	comp=Z,7.0nm,0.7s,baz=50,slow=7.1,SNR=8.3				
MJAR	Matsushiro	37.41 266	P	P	10 53 29.1 0.0
	comp=Z,2um,21.7s,baz=65,slow=33				
MAJO	Matsushiro	37.41 266	P	P	10 53 28.8 -0.3
	comp=Z,31nm,0.8s				
MAJO	Matsushiro	37.41 266	P	P	10 53 29.1 0.0
	comp=Z,3um,18.0s				
MAT	Matsushiro	37.41 266	P	P	10 53 29.8 +0.7
	comp=Z,43nm,1.0s				
MAT	Matsushiro	37.41 266	P	P	10 53 29.8 +0.7
	comp=Z,43nm,1.0s				
VLA	Vladivostok	37.50 279	P	P	10 53 30.5 +0.8
	comp=Z,170nm,1.7s				
MSO	Missoula	37.97 73	P	P	10 53 35.2 +1.3
	comp=Z,299,SNR=8.4				
MSO	Missoula	37.97 73	IAMS_20	IAMS_20	11 09 45.7
	comp=Z,3um,18.0s				
RES	Resolute Bay	38.09 25	P	P	10 53 33.2 -1.2
	comp=Z,3.5nm,1.0s,baz=252,slow=9.1,SNR=4.2				
RES	Resolute Bay	38.09 25	P	P	10 53 33.2 -1.2
	comp=Z,4um,19.2s,baz=327,slow=41				
RES	Resolute Bay	38.09 25	P	P	10 53 34.9 +0.6
	comp=Z,5um,20.0s				
MDJ	Mudanjiang	38.11 283	IAMS_20	IAMS_20	11 09 08.8
	comp=Z,2um,21.7s,baz=65,slow=33				
MSHR	Mye Shuitsa	38.24 279	P	P	10 53 37.3 +1.3
	comp=Z,3um,18.0s				
VNCR	Virginia City	38.56 87	IAMB	IAMB	10 53 40.2 +1.2
	comp=Z,41nm,1.0s				
PNTR	Pine Nut	38.71 87	P	P	10 53 41.3 +1.0
	comp=Z,54nm,0.9s				
CMB	Columbia Colle	38.86 89	P	P	10 53 42.5 +1.2
	comp=Z,21nm,1.1s				
CMB	Columbia Colle	38.86 89	P	P	10 53 42.5 +1.2
	comp=Z,3um,18.0s				
HLID	Hailey	39.38 78	P	P	10 53 47.5 +1.7
	bazz=303,SNR=7.3				
EGMT	Eagle Eye	39.86 69	P	P	10 53 50.5 +0.9
	bazz=299,SNR=10.0				
EGMT	Eagleton	39.86 69	P	P	10 53 49.9 +0.3
	comp=Z,2um,18.0s				
LHV	Little Huntoon	39.90 87	IAMB	IAMB	10 53 52.1 +2.2
	comp=Z,81nm,1.5s				
NVAR	Mina Array Bea	39.92 87	P	P	10 53 51.3 +0.9
	comp=Z,7.1um,20.9s,baz=294,slow=31				
NVAR	Mina Array Bea	39.92 87	P	P	10 53 51.3 +0.9
	comp=Z,7.4nm,1.0s,baz=291,slow=7.4,SNR=25				
MDPB	Devils Postpil	39.92 89	P	P	10 53 51.9 +1.2
	comp=Z,35nm,1.1s				
JWT	Wachi	39.97 267	P	P	10 53 49.8 -0.7
	comp=Z,104nm,1.5s				
JWT	Wachi	39.97 267	P	P	10 53 49.8 -0.7
	comp=Z,104nm,1.5s				
BOZ	Bozeman (W)	39.98 74	P	P	10 53 51.9 +1.2
	bazz=301,SNR=6.0				
MLAC	Mammoth, Mammo	40.08 89	P	P	10 53 55.7 +4.0
	bazz=308				
ELK	Elko	40.45 82	P	P	10 53 55.9 +1.1
	comp=Z,17nm,1.0s				
ELK	Elko	40.45 82	P	P	10 53 55.9 +1.1
	comp=Z,4um,18.0s				
ELK	Elko	40.45 82	P	P	10 53 55.9 +1.1
	comp=Z,4um,18.0s				
YHL	Yehogan Lake	40.64 74	P	P	10 53 56.9 +0.5
	comp=Z,37nm,1.1s				
YHL	Yehogan Lake	40.64 74	P	P	10 53 56.9 +0.5
	comp=Z,37nm,1.1s				
TPH	Tonopah	40.81 87	P	P	10 53 58.3 +0.6
	comp=Z,254nm,1.5s				
TPH	Tonopah	40.81 87	P	P	10 53 58.3 +0.6
	comp=Z,2um,18.0s				
TIN	Tinemaha, Big	40.81 89	P	P	10 53 59.5 +1.9
	bazz=309				
YMR	Madison River	40.87 74	P	P	10 54 00.3 +2.1
	comp=Z,38nm,1.1s				
VES	Vestal, Richgr	41.04 91	P	P	10 54 00.4 +1.0
	bazz=310,SNR=6.4				
CN2	Changchun	41.06 284	eP	S	10 53 59.2 -0.3
	comp=Z,20nm,1.2s				
CN2	Changchun	41.06 284	eP	S	11 00 06.9 -1.9
	comp=Z,20nm,1.2s				
CN2	Changchun	41.06 284	eP	S	11 00 06.9 -1.9
	comp=Z,100nm,3.0s				
CN2	Changchun	41.06 284	eP	S	11 00 06.9 -1.9
	comp=Z,4um,19.0s				
CN2	Changchun	41.06 284	eP	S	11 00 06.9 -1.9
	comp=Z,3um,19.0s				
FFC	Flin Flon	41.07 57	P	P	10 54 01.2 +1.8
	comp=Z,6um,18.0s				
FFC	Flin Flon	41.07 57	P	P	10 54 01.2 +1.8
	comp=Z,22nm,0.9s				
FFC	Flin Flon	41.07 57	P	P	10 54 01.2 +1.8
	comp=Z,6um,20.0s				
FFC	Flin Flon	41.07 57	P	P	10 54 01.2 +1.8
	comp=Z,7um,20.0s				
PKM	Mcpheerson Peak	41.20 93	P	P	10 54 02.2 +1.3
	bazz=310				
H17A	Grant Village	41.26 74	P	P	10 54 02.1 +0.8
	bazz=303,SNR=7.4				
CWC	Cottonwood Cre	41.29 89	P	P	10 54 03.0 +1.3
	bazz=309				
TPAW	Teton Pass	41.52 76	P	P	10 54 05.7 +2.1
	comp=Z,48nm,1.6s				
ISA	Isabella, Lake	41.54 91	P	P	10 54 04.1 +0.5
	comp=Z,29nm,1.1s				
ISA	Isabella, Lake	41.54 91	P	P	10 54 04.3 +0.7
	bazz=310,SNR=6.6				
ISA	Isabella, Lake	41.54 91	P	P	10 54 04.1 +0.5
	comp=Z,310,SNR=6.6				
HIA	Hailar	41.57 294	P	P	10 54 02.7 -0.9
	comp=Z,30nm,1.0s				
HIA	Hailar	41.57 294	P	P	10 54 02.7 -0.9
	comp=Z,30nm,1.0s				
RLMT	Red Lodge	41.65 73	P	P	10 54 05.3 +0.8
	comp=Z,4um,20.0s				
RLMT	Red Lodge	41.65 73	P	P	10 54 05.3 +0.8
	bazz=302,SNR=6.1				
RLMT	Red Lodge	41.65 73	P	P	10 54 05.1 +0.6
	comp=Z,4um,20.0s				

RLMT	comp=Z,65nm,1.1s		IAMS_20	IAMS_20	11 12 54.9
R11A	Troy Canyon, C	41.66 85	P	P	10 54 05.6 +0.9
	bazz=312,SNR=12				
FURC	Furnace Creek,	42.03 88	P	P	10 54 08.6 +1.1
	bazz=309,SNR=11				
OSI	Osito Audit: C	42.06 92	P	P	10 54 09.4 +1.6
	bazz=31				
LRMC	Laurel Mtin Rad	42.15 90	P	P	10 54 09.4 +0.8
	bazz=310,SNR=5.2				
DUG	Dugway, Toolee	42.27 81	P	P	10 54 11.9 +2.3
	bazz=306,SNR=11				
DUG	Dugway, Toolee	42.27 81	IAMS_20	IAMS_20	11 11 35.5
	comp=Z,3um,18.0s				
EDW2	Edwards Air Fo	42.34 91	P	P	10 54 11.1 +1.0
	bazz=310,SNR=5.3				
LAO	LASA Array	42.61 69	P	P	10 54 12.6 +0.5
	bazz=302				
LAO	LASA Array	42.61 69	IAMS_20	IAMS_20	11 11 26.3
	comp=Z,3um,19.0s				
PASC	Pasadena Art C	42.69 92	IAMS_20	IAMS_20	11 11 07.6
	bazz=302				
SHOC	Shoshone, Teco	42.76 89	P	P	10 54 14.8 +1.3
	bazz=310,SNR=13				
BW06	Boulder Array	42.77 76	P	P	10 54 14.1 +0.4
	bazz=304,SNR=5.5				
BW06	Boulder Array	42.77 76	P	P	10 54 13.6 -0.1
	comp=Z,3um,18.0s				
PDAR	Pinedale Array	42.77 76	P	P	10 54 13.6 -0.1
	comp=Z,3.7nm,0.6s,baz=301,slow=4.5,SNR=16				
PDAR	Pinedale Array	42.77 76	P	P	10 54 13.9 +0.2
	comp=Z,3um,18.0s				
PDAR	Pinedale Array	42.77 76	P	P	10 54 13.9 +0.2
	comp=Z,3um,18.0s				
GSC	Goldstone, Bar	42.81 90	P	P	10 54 14.9 +1.0
	bazz=310,SNR=23				
DGMT	Dagmar	42.84 66	P	P	10 54 15.3 +1.3
	bazz=301,SNR=6.3				
DGMT	Dagmar	42.84 66	IAMS_20	IAMS_20	11 14 03.6
	comp=Z,5um,18.0s				
BFSC	Mount Baldy Ra	42.97 92	P	P	10 54 16.4 +1.1
	bazz=31,SNR=9.9				
KSR5	Korea Array	43.26 275	P	P	10 54 17.9 +0.5
	comp=Z,6.4nm,0.8s,baz=52,slow=6.8,SNR=12				
KSR5	Korea Array	43.26 275	P	P	10 54 17.9 +0.5
	comp=Z,7um,20.8s,baz=85,slow=35				
TUQ	Turquoise Moun	43.28 89	P	P	10 54 18.6 +0.8
	bazz=310,SNR=10				

8d 10h

FCAR	Ozark Folk Cen	57.57	72	P	P	10 56 04.6	-0.9
FCAR	comp-Z,31nm,1.0s					10 56 22.8	
MIAR	Mount Ida	57.62	74	P	P	10 56 06.1	+0.2
MIAR	baz=313						
L48A	N Adams	57.88	62	P	P	10 56 07.0	-0.6
L48A	comp-Z,34nm,0.9s					10 56 25.6	
W41B	Gary Mavity, V	57.99	72	P	P	10 56 07.5	-0.9
W41B	baz=313						
AAM	Ann Arbor	58.06	61	IAMS_20	IAMS_20	11 22 58.2	
AAM	comp-Z,3um,19.0s						
X40A	Basin Creek Fa	58.11	73	P	P	10 56 08.7	-0.6
X40A	baz=314						
X40A	Basin Creek Fa	58.11	73	IAMS_20	IAMS_20	11 22 40.6	
X40A	comp-Z,2um,20.0s						
KEV	Kevo	58.15	352	IAMS_20	IAMS_20	11 25 16.9	
KEV	comp-Z,2um,18.0s						
833A	Chaparral WMA	58.39	83	P	P	10 56 12.6	+1.2
833A	baz=315						
ARAO	ARCESS Array B	58.50	352	eP	P	10 56 11.9	+0.4
ARCES	ARCESS Array B	58.50	352	eP	P	10 56 10.8	-0.7
ARCES	comp-Z,4.1nm,0.7s,baz=12,slow=7.3,SNR=9.1					11 24 28.3	
ARCES	comp-Z,2um,18.2s,baz=10.0,slow=39						
ARCES	ARCESS Array B	58.50	352	eP	P	10 56 11.2	-0.3
ARCES	baz=315						
LYZ	Lanzhou	58.79	290	eP	P	10 56 14.1	-0.2
LZH	comp-Z,2um,20.0s					10 56 28.8	-1.4
LZH	comp-Z,86nm,1.4s						
LZH	comp-Z,1um,7.1s						
LZH	comp-Z,3um,15.9s						
LZH	comp-Z,3um,14.6s						
LZH	comp-Z,3um,15.7s						
JETT	Jettan, Norway	58.84	355	eP	P	10 56 13.7	-0.2
GTA	Gaotai	58.84	295	eP	P	10 56 14.7	+0.2
GTA	comp-Z,3um,19.3s					10 56 27.0	+1.2
GTA	comp-Z,2um,18.5s					10 56 31.6	+0.3
GTA	comp-Z,2um,18.0s					10 57 04.9	+1.2
GTA	comp-Z,3um,18.0s					11 01 01.6	+1.4
GTA	comp-Z,33nm,1.2s						
GTA	comp-Z,470nm,6.5s						
GTA	comp-Z,3um,19.3s						
GTA	comp-Z,2um,18.5s						
GTA	comp-Z,4um,18.9s						
NATX	Nacogdoches	58.89	77	IAMS_20	IAMS_20	11 23 04.4	
NATX	comp-Z,3um,18.0s						
LVZ	Lovozero	59.12	348	IAMS_20	IAMS_20	11 25 57.4	
LVZ	comp-Z,2um,20.0s						
KTK1	Kautokoino	59.19	353	eP	P	10 56 16.4	+0.1
P49A	Miami Univ. Ec	59.36	64	P	P	10 56 17.0	-1.0
P49A	baz=313						
WCI	Wyandotte Cave	59.37	66	P	P	10 56 17.6	-0.4
WCI	comp-Z,65nm,1.0s						
WCI	comp-Z,4um,22.0s						
WCI	Wyandotte Cave	59.37	66	P	P	10 56 17.2	-0.8
WCI	baz=314						
WCI	Wyandotte Cave	59.37	66	IAMS_20	IAMS_20	11 22 01.8	
WCI	comp-Z,3um,22.0s						
HKT	Hockley	59.44	79	IAMS_20	IAMS_20	11 24 02.8	
HKT	comp-Z,3um,18.0s						
APA	Apafity	59.58	349	iP	P	10 56 32.3	+1.3
APA	comp-Z,15nm,1.1s						
ACSO	Alum Creek Sta	59.85	62	IAMS_20	IAMS_20	11 23 20.5	
ACSO	comp-Z,3um,18.0s						
KVTX	Kingsville	59.88	83	IAMS_20	IAMS_20	11 26 29.7	
KVTX	comp-Z,3um,18.0s						
WVT	Waverly	59.93	69	P	P	10 56 21.7	-0.2
WVT	comp-Z,3um,19.0s						
WVT	comp-Z,45nm,1.2s						
WVT	Waverly	59.93	69	P	P	10 56 21.1	-0.8
WVT	baz=314						
WVT	Waverly	59.93	69	IAMS_20	IAMS_20	10 56 21.7	-0.2
WVT	comp-Z,3um,19.0s					10 56 22.4	-0.4
TRQ	Mont Tremblant	60.11	52	P	P	10 56 23.1	0.0
NRS	Narsarsuaq	60.12	26	P	P	10 56 22.4	-0.4
NRS	comp-Z,69nm,0.9s						
NRS	Narsarsuaq	60.12	26	P	P	10 56 22.4	-0.4
FUNA	Funafuti	60.19	189	IAMS_20	IAMS_20	11 18 01.4	
FUNA	comp-Z,3um,19.0s						
M53A	W Miller and	60.27	60	P	P	10 56 24.8	+0.7
M53A	baz=314						
M53A	W Miller and	60.27	60	P	P	10 56 25.2	+1.1
ZAIG	Zacatecas	60.42	90	P	P	10 56 26.9	+1.2
ZAIG	IAMB					10 57 23.7	
LOF	Lofoten	60.57	357	eP	P	10 56 26.0	+0.3
PLAL	Pickwick Lake	60.59	70	IAMS_20	IAMS_20	11 23 43.1	
PLAL	comp-Z,2um,19.0s						
STEI	Steigen	60.73	62	P	P	10 56 26.6	0.0
P52A	Corning	60.73	62	IAMS_20	IAMS_20	10 56 28.3	+0.9
P52A	baz=314						
P52A	Corning	60.73	62	IAMS_20	IAMS_20	11 24 13.9	
O53A	New Philadelphia	60.81	61	P	P	10 56 28.1	+0.2
O53A	baz=314						
N54A	Moraine State	60.98	60	P	P	10 56 30.7	+1.7
N54A	baz=314						
ZSN	Zaisan	61.04	311	eP	P	10 56 28.3	-1.1
ZSN	comp-Z,18nm,1.2s,baz=310						
ZSN	Zaisan	61.04	311	eP	P	10 56 28.2	-1.1
ZSN	comp-Z,18nm,1.2s						
LONY	Lake Ozonia	61.23	54	P	P	10 56 29.9	-0.7
LONY	baz=315						
LONY	Lake Ozonia	61.23	54	IAMS_20	IAMS_20	11 23 24.8	
LONY	comp-Z,4um,20.0s						
FAUS	Fauske	61.26	356	eP	P	10 56 29.9	-0.6
L56A	Greenwood	61.45	57	P	P	10 56 32.9	+0.7
KURK	Kurchatov	61.48	317	eP	P	10 56 32.5	+0.3
KURK	comp-Z,40nm,1.3s						
KURK	Kurchatov	61.48	317	P	P	10 56 32.2	0.0
KURK	comp-Z,26nm,0.8s					10 56 33.3	
KURB	Kurchatov Arra	61.59	317	P	P	10 56 32.9	-0.1
KURB	comp-Z,20nm,0.8s,baz=41,slow=6.9,SNR=60						
KURB	Kurchatov Arra	61.59	317	P	P	10 56 31.7	-1.2
MCWV	Mont Chateau	61.97	61	P	P	10 56 36.0	+0.3
MCWV	baz=315						
TZTN	Tazewell	62.11	66	P	P	10 56 36.6	-0.1
TZTN	baz=315						
BINY	Binghamton	62.23	56	P	P	10 56 39.2	+1.8
BINY	baz=315						
O56A	Blue Knob Stat	62.23	60	P	P	10 56 38.7	+1.2
O56A	baz=315						
WMQ	Urumqi	62.25	306	eP	P	10 56 38.8	+1.2
WMQ	comp-Z,68nm,1.5s						
WMQ	comp-Z,440nm,4.7s						
WMQ	comp-Z,3um,17.9s						
WMQ	comp-Z,2um,20.3s						
SSPA	Standing Stone	62.34	59	P	P	10 56 38.2	+0.1
SSPA	baz=315						
SSPA	Standing Stone	62.34	59	P	P	10 56 38.5	+0.4
STOK	Stokkvaagen	62.38	357	eP	P	10 56 37.8	-0.2
STOK	comp-Z,3um,18.0s					10 56 40.1	-0.6
MK31	Makanchi Array	62.72	312	iP	P	10 56 39.9	-0.8
MK31	comp-Z,11nm,0.9s					10 57 02.9	
MKAR	Makanchi Array	62.72	312	P	P	10 56 40.3	-0.4
MKAR	comp-Z,9.8nm,0.8s,baz=55,slow=5.9,SNR=31						
MKAR	comp-Z,3um,18.5s,baz=40,slow=38					11 25 57.9	

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MKAR	Makanchi Array	62.72	312	iP	P	10 56 40.5	-0.2
MKAR	comp-Z,10nm,0.8s						
G62A	West of Eustis	62.80	51	P	P	10 56 41.5	+0.3
MAK2	Makanchi	62.86	312	P	P	10 56 41.3	-0.3
MAK2	comp-Z,38nm,1.3s						
MAK2	Makanchi	62.86	312	P	P	10 56 41.3	-0.3
MAK2	comp-Z,38nm,1.3s					10 56 59.5	
BVAR	Borovoye Array	63.05	323	P	P	10 56 42.8	+0.1
BVAR	comp-Z,11nm,0.5s,baz=243,slow=1.0,SNR=29						
BRVK	Borovoye	63.07	323	P	P	10 56 42.0	-0.8
BRVK	comp-Z,3um,19.0s					10 56 42.7	-0.1
PROR	Permogore	63.07	340	eP	P	10 56 41.2	-1.4
PROR	comp-Z,3um,19.0s						
N59A	State Game Lan	63.26	57	P	P	10 56 45.2	+0.9
N59A	comp-Z,93nm,1.5s						
N59A	State Game Lan	63.26	57	P	P	10 56 43.5	-0.8
N59A	comp-Z,3um,19.0s					10 56 45.2	+0.6
SVE	Sverdlovsk	63.35	330	eS	S	11 05 31.4	+1.8
SVE	comp-Z,33nm,1.3s						
BLA	Blackburg	63.40	63	P	P	10 56 45.7	+0.5
BLA	baz=316						
WVL	Waterville	63.70	51	IAMS_20	IAMS_20	11 24 10.1	
WVL	comp-Z,3um,22.0s						
GYA	Gulyang	63.90	280	iP	P	10 56 49.6	+0.8
GYA	comp-Z,20nm,1.0s					10 57 07.7	+1.6
GYA	comp-Z,2um,20.0s						
P60A	Greenville	64.13	58	IAMS_20	IAMS_20	11 24 59.7	
P60A	comp-Z,3um,20.0s						
PAL	Palisades	64.17	56	P	P	10 56 50.8	+0.6
PAL	comp-Z,132nm,1.2s						
PAL	comp-Z,4um,19.0s						
PAL	Palisades	64.17	56	P	P	10 56 50.8	+0.6
ARU	Arti	64.31	331	iP	P	10 56 51.0	+0.1
ARU	comp-Z,2um,18.0s					10 57 24.0	-1.2
ARU	Arti	64.31	331	iP	P	10 59 10.	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMA, LDUT, CHKT, ECBN, EDH, FULB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HATJ, WCS, NNSB, NNS, NNS, NNS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIXI, KIS, AKASG, FINES, BOSB, etc.

J29M	Klondike Camp	22.11	41	P	P	11 38 08.2	-1.1
M30M	Minto, Yukon	22.21	46	P	P	11 38 08.1	-2.2
I29M	Ogilvie Camp	22.39	39	P	P	11 38 09.9	-2.3
SIT	Sitka	22.44	61	P	P	11 38 11.6	-1.1
SIT	comp-Z,224nm,1.0s						
SIT	Sitka	22.44	61	P	P	11 38 15.7	+3.0
SIT	comp-Z,224nm,1.0s						
SIT	Sitka	22.44	61	I	Amb	11 38 11.6	-1.1
SIT	comp-Z,224nm,1.0s						
SKAG	Skagway	22.47	55	P	P	11 38 12.8	-0.3
SKAG	Skagway	22.47	55	P	P	11 38 12.9	-0.1
N31M	Skagway, Yuko	22.49	49	P	P	11 38 14.9	+1.7
BESE	Bessie Mountai	22.68	57	P	P	11 38 14.5	-0.8
BESE	comp-Z,229nm,1.1s						
WHY	Whitehorse	22.80	52	P	P	11 38 18.0	+1.3
WHY	Whitehorse	22.80	52	P	P	11 38 16.4	-0.3
WHY	comp-Z,172nm,1.0s						
MAYO	Mayo, Yukon	22.85	44	P	P	11 38 15.2	-1.9
JIS	Juneau Island	22.92	58	P	P	11 38 16.2	-1.6
JIS	comp-Z,339nm,1.1s						
M31M	Drury Creek, Y	23.24	48	P	P	11 38 19.0	-2.0
FARO	Faro, Yukon	23.73	48	P	P	11 38 24.5	-1.3
P33M	Teslin, Yukon	23.78	53	P	P	11 38 27.4	+1.1
CRAG	Craig	23.79	65	P	P	11 38 29.3	+2.9
WRAK	Wrangell Islan	24.12	62	P	P	11 38 31.0	+1.6
WRAK	Wrangell Islan	24.12	62	P	P	11 38 27.9	-1.5
WRAK	comp-Z,126nm,1.0s						
WRAK	Wrangell Islan	24.12	62	I	Amb	11 38 27.9	-1.5
DIB	Dawson Inlet,	24.57	70	P	P	11 38 32.0	-1.5
DIB	comp-Z,138nm,1.0s						
MMPY	Sheldon Lake,	24.74	47	P	P	11 38 34.9	-0.2
MMPY	comp-Z,293						
MOBC	Moresby Island	24.88	70	P	P	11 38 33.7	-2.7
MOBC	comp-Z,330nm,0.9s						
DLBC	Dease Lake	25.21	57	P	P	11 38 40.9	+1.4
DLBC	comp-Z,128nm,0.8s						
DLBC	Dease Lake	25.21	57	P	P	11 38 38.5	-0.9
DLBC	comp-Z,128nm,0.8s						
DLBC	Inuvik	25.23	34	P	P	11 38 38.4	-1.0
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 39.9	-2.5
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik	25.23	34	P	P	11 38 37.7	-1.7
DLBC	comp-Z,330nm,0.9s						
DLBC	Inuvik						

8d 11h

Table with columns: Call Sign, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like PKM McPherson Peak, H17A Grant Village, CWC Cottonwood Cre, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like DL2 Dalian, DL2 DL2, DL2 DL2, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like SPITS Spitsbergen Ar, BGNE Belgrade, TIA TIA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Reutte, Feichten, DAVA, DAVOS, DAVOX, SVAO, ESDC, NVAR, PDAR.

IDC 08 11:44:03.0, 5.6, 8.66N, 94.760E, h0km, mb4.5/31, mb1 4.5/33, mb1mx4.3/68, mbtmp4.4/33, ML4.2/2, MS4.2/3, Ms1 4.3/3, ms1mx3.7/60, Error ellipse: s-maj=19.2km s-min=11.7km az=49.0

NEIC 08 11:44:05.5, 1.4, 7.0N, 0.1, 94.7E, 0.1, h10km, 1km, mb4.9/42, Error ellipse: s-maj=22.7km s-min=14.3km az=22.0

ISC 08 11:44:07.3, 0.4, 6.85N, 0.07, 94.58E, 0.06, h26km, n130, s129/133, mb4.7/73, I, C, Nicobar Islands region

Main table of station data for the left column, including station names, coordinates, and operational status.

Main table of station data for the middle column, including station names, coordinates, and operational status.

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

IDC 08 11:53:03.3, 1.1, 6.66N, 94.18E, h0km, mb3.8/10, mb1 3.9/12, mb1mx3.7/56, mbtmp3.17/21, ML3.7/2, Error ellipse: s-maj=45.0km s-min=17.8km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI, CMAR, MKAR, WRM, SONA, SAR, ZALV, ASAR, STKA, BRTR, TIXI, FINES, GERES.

BGR 08 11:54:31.1, 0.0, 4.29N, 94.31E, h19km, 1km, mb5.0, NEIC 08 11:54:39.3, 1.6, 6.79N, 0.07, 94.61E, 0.1, h10km, 3km, mb5.1/88, Error ellipse: s-maj=13.4km s-min=8.7km az=53.0

MOS 08 11:54:40.9, 1.1, 6.92N, 94.52E, h34km, mb5.5/35, MS5.1/4, Error ellipse: s-maj=8.2km s-min=4.0km az=112.8

DJA 08 11:54:40.7, 0.2, 7.1N, 94.5E, h10km, Mb5.1/53, mb5.0/27, MLvs.3/6, Mw(Mb)5.1/27, Mw(Mw)6.2/1, Mw(M) 2/1

NDI 08 11:54:41.3, 4.5, 7.12N, 94.52E, h10km, mb4.7, mb5.1(NEIC)

BUI 08 11:54:42.6, 0.0, 6.80N, 94.43E, h50km, mb5.4/28, mb4.9/56, Ms5.4/32, Ms7 5.2/28

GCMT 08 11:54:43.3, 0.2, 6.90N, 0.01, 94.69E, 0.01, h14km, 1km, MW5.3/12, Moment Tensor Solution. s44, c60; s122, c206; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn-0.19, 0.2; Mxx-0.71, 0.2; Myy-0.89, 0.2; Mzz-0.40, 0.39; 0.2; Mxy-0.21, 0.5; Best double couple: M1: 0.0600, 1017 NPT1: 150.00000, 163.00000, 1.172, 0.0000; M2: 0.0000, 14.00000, 1.0560, 0.0000; Azm1: 0.0000; N: -1.020, P1g1: 0.0000; Azm2: 0.0000; P: -0.9550, P1g2: 0.0000; Azm3: 0.0000; nsta: 1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 08 11:54:43.2, 2.0, 6.97N, 94.60E, h34km, 14km, mb4.5/44, mb1 4.5/46, mb1mx4.5/60, mbtmp4.7/46, ML4.5/2, MS4.9/13, Ms1 5.0/13, ms1mx4.6/43, Error ellipse: s-maj=10.7km s-min=9.0km az=50.0

KLM 08 11:54:46.6, 9.31N, 94.77E, h50km, mb5.3, ISC 08 11:54:42.0, 0.8, 6.89N, 0.04, 94.55E, 0.04, h29km, 5km, n555, 1163/616, mb5.0/182, MS5.0/19, 30C-19D, Nicobar Islands region

Main table of station data for the right column, including station names, coordinates, and operational status.

8d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, KKAR Karatay Array, AKK1 Karatay Array, etc.

ICD 08 12:20:43.5-8.7, 6.85N-94.59E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/38, mbtmp3.3/3, Error ellipse: s-maj=45.4km s-min=32.8km az=58.0, Nicobar Islands region

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

ICD 08 12:25:45.7-2.7, 6.55N-94.01E, h0km, mb3.4/5, mb1 3.6/6, mb1mx3.4/6, mbtmp3.4/6, ML4.0/1, Error ellipse: s-maj=96.2km s-min=24.8km az=65.0

ICD 08 12:25:31.2-0.6, 6.6N-94.2E, h0.4, h35km, n6, o031/6, mb3.2/5, Nicobar Islands region

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

ICD 08 12:26:16.5-6.9, 6.94N-94.62E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/45, mbtmp3.4/4, Error ellipse: s-maj=35.2km s-min=17.0km az=59.0, Nicobar Islands region

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

ICD 08 12:31:10.8-1.0, 7.00N-94.48E, h0km, mb3.6/7, mb1 3.7/9, mb1mx3.6/6, mbtmp3.6/9, ML3.8/2, Error ellipse: s-maj=39.3km s-min=19.3km az=59.0

ICD 08 12:31:14.5-0.9, 7.0N-94.4E, h2km, n10, o0579/10, mb3.6/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI Prapat.

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

WEL 08 12:37:00.0-0.7, 39.5S-17.4E, h5km, m3.3/34, ML3.6/34, ML3.3/34, Error ellipse: s-maj=0.0km s-min=0.0km az=135.6, Off west coast of North Island

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PKE Pukeiti, DREZ Durham Road, etc.

ICD 08 12:43:44.2-1.4, 6.49N-94.44E, h0km, mb3.7/7, mb1 3.9/8, mb1mx3.6/50, mbtmp3.7/8, ML4.0/1, MS4.3/1, Ms1 4.3/1, ms1mx3.2/52, Error ellipse: s-maj=56.8km s-min=20.2km az=57.0

ICD 08 12:43:49.6-1.3, 6.5N-94.5E, h2km, n10, o095/8, mb3.6/7, Nicobar Islands region

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

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Table with columns: BELG Belogoroye, FINES FINES Array B, GERES GERES Array B. Includes values like 59.65 329 LR, 74.08 332 P.

TAP 08 12:48:18.1, 23.71N-121.63E, h44km, ML2.5, B JMA 08 12:48:18.0, 23.67N-121.62E, h43km, 2km, ISC 08 12:48:18.9, 21.2370N-102.12163E, h0.02, h43km, 5km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, Delta A, Delta Z, Phase ID, Time, Res, h, m, s, ISC.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TEGC Jichi Village, TEYL Yanilua Villag, etc.

Table with columns: Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LONT Longtian, TWC Suao, NDS Dongshan, etc.

Table with columns: YOJ, EAST, TAW, SSPT, SCZT, LAY, SLIU, PHUB, PHUB, TWK1, IRIF, HATJ, JKRS, JKRS, JIJ, JISG, PTMJ, JTJ, JTJ, Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Anshuo, Tawu, Kinbi, etc.

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

8d 13h

Table with columns: SML, Sawmill, 79.63 24 P, P, 13 13 51.6 -0.5, 13 13 53.7, comp=Z,16nm,1.1s, BPAW Bear Paw Mtn, 79.82 22 P, P, 13 13 53.5 +0.4, IMAR Indian Mountain, 79.94 19 P, P, 13 13 54.6 +0.9, HFK Hektoza Five, 80.06 20 P, P, 13 13 55.4 +1.1, MK31 Makanchi Array, 80.58 19 P, P, 13 13 57.5 0.0, MKAR Makanchi Array, 80.58 319 P, P, 13 13 58.3 +0.8, comp=Z,5.4nm,0.9s,baz=102,slow=7.8,SNR=21, MKAR Makanchi Array, 80.58 319 P, P, 13 13 57.2 -0.3, MAKZ Makanchi, 80.79 319 P, P, 13 13 58.3 -0.4, MAKZ Makanchi, 80.79 319 I, Amb, I, Amb, 13 14 00.1, comp=Z,12nm,0.9s, ZALV Zalesovo Beam, 81.32 326 P, P, 13 14 00.9 -0.4, comp=Z,1.1nm,0.5s,baz=103,slow=6.9,SNR=7.0, Eielson Array, 81.69 22 P, P, 13 14 01.5 -1.5, comp=Z,1.1nm,0.8s,baz=252,slow=5.1,SNR=7.6, ILAR Eielson Array, 81.69 22 P, P, 13 14 01.8 -1.2, KSH Kashi, 83.28 311 P, P, 13 14 14.3 +2.3, comp=Z,9.0nm,0.9s, KSH, 83.28 311 P, Pmax, Pmax, 13 14 14.3 +2.3, comp=Z,330nm,7.7s, KSH, 83.28 311 LR, LR, 13 14 14.3 +2.3, comp=N,2um,18.6s, KSH, 83.28 311 LR, LR, 13 14 14.3 +2.3, comp=E,880nm,21.3s, KSH, 83.28 311 LR, LR, 13 14 14.3 +2.3, comp=Z,950nm,14.4s, KURK Kurchatov, 83.98 322 P, P, 13 14 14.6 -0.5, KURK Kurchatov, 83.98 322 I, Amb, I, Amb, 13 14 16.3, comp=Z,11nm,1.1s, TKM2 Tokmak 2, 84.24 314 P, P, 13 14 18.2 +1.3, SNR=16, NBL Nilore, 84.38 304 P, P, 13 14 16.7 -0.9, KBK Karagaybulak, 84.66 313 P, P, 13 14 20.4 +1.4, SNR=6.8, CHMS Chumysh, 84.86 314 P, P, 13 14 20.7 +0.9, SNR=12, UCH Uchtor, 84.89 313 P, P, 13 14 22.4 +1.9, SNR=17, AAK Ala-Archa, 84.98 313 P, P, 13 14 22.0 +1.4, SNR=16, AAK Ala-Archa, 84.98 313 I, Amb, I, Amb, 13 14 22.6, comp=Z,1.7nm,0.8s, USP Oshpovka, 85.09 314 P, P, 13 14 22.2 +1.2, SNR=16, QSPA South Pole Qui, 85.40 180 P, P, 13 14 22.7 +0.6, QSPA South Pole Qui, 85.40 180 I, Amb, I, Amb, 13 14 25.8, comp=Z,6.1nm,1.1s, AML Almayshu, 85.47 313 P, P, 13 14 24.8 +1.4, SNR=26, EK5Z Erkin-Say, 85.50 313 P, P, 13 14 24.3 +1.1, SNR=13, NRIK Noril'sk, 85.95 341 P, P, 13 14 24.2 -0.4, comp=Z,4.3nm,0.5s,baz=112,slow=5.0,SNR=7.8, NRIK Noril'sk, 85.95 341 P, P, 13 14 24.1 -0.5, I, Amb, I, Amb, 13 14 25.9, comp=Z,5.1nm,0.6s, BTk Batken, 87.28 310 P, P, 13 14 31.5 -0.4, I, Amb, I, Amb, 13 14 33.5, comp=Z,10.0nm,0.9s, GAR Garm, 87.52 309 P, P, 13 14 32.2 -0.9, KK31 Karatay Array, 87.94 313 P, P, 13 14 34.4 -0.5, I, Amb, I, Amb, 13 14 36.0, comp=Z,4.3nm,0.8s, KKAR Karatay Array, 87.94 313 P, P, 13 14 34.4 -0.5, I, Amb, I, Amb, 13 14 36.0, comp=Z,4.3nm,0.8s, CHGR Chuyangaron, 88.37 309 P, P, 13 14 37.1 -0.1, BRVK Borovoye, 89.51 323 P, P, 13 14 41.1 -0.9, ABKAR Akbulak array, 95.72 319 P, P, 13 15 08.9 -1.8, ABKAR Akbulak array, 95.72 319 I, Amb, I, Amb, 13 15 10.0, comp=Z,2.7nm,0.8s, ARU Arti, 96.48 326 P, P, 13 15 12.2 -1.8, I, Amb, I, Amb, 13 15 13.4, comp=Z,4.9nm,0.9s, VNA2 Neumayer-Stat, 103.59 186 Pdiff, Pdiff, 13 15 44.3 -1.3, Neumayer-Stat, 103.59 186 Pdiff, Pdiff, 13 15 49.4 +2.3, KLMR Klimovskoe, 105.48 332 Pdiff, Pdiff, 13 15 50.8 -3.3, AMP, 13 16 03.4, comp=Z,1.7nm,1.5s, AKASG Malin Array B, 114.68 325 PKP, PKIKP, 13 20 24.1 -0.8, comp=Z,1.1nm,0.5s,baz=71,slow=2.5,SNR=6.9, GERES GERESE Array B, 124.19 329 PKP, PKIKP, 13 20 44.4 +0.7, comp=Z,1.1nm,0.7s,baz=74,slow=1.9,SNR=10, DAVOX Davos/Dischmat, 127.49 329 PKP, PKIKP, 13 20 53.9 +0.5, MDT Midelt, 145.21 327 PKPbc, PKPbc, 13 21 23.7 +0.9, comp=Z,4.1nm,0.7s,baz=81,slow=6.9,SNR=10, TORD Torodi Ar. Bea, 150.85 289 PKPbc, PKPbc, 13 21 37.9 -0.2, comp=Z,8.8nm,0.8s,baz=60,slow=2.2,SNR=41, TORD Torodi Ar. Bea, 150.85 289 PKPbc, PKPbc, 13 21 37.3 -0.8

IDC 08 13:15:25.8-0.8,6.90S-156.72E,h0km,mb3.9/3, mb1 4.0/4,mb1mx3.6/39,mbtmp3.9/4,ML3.9/1,Error ellipse: s-maj=14.9km s-min=4.4km az=17.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, HNR Honiara, 4.07 128 Op, ISC, Pn, 13 16 30.9 +1.6, 8.1nm,0.3s,baz=211,slow=3.3,SNR=7.5, HNR Honiara, 4.07 128 Pn, Sn, 13 17 17.8 +0.1, 32nm,0.3s,baz=265,slow=20,SNR=6.9, WRA Warramunga Arr, 47.29 124 P, P, 13 20 54.7 +0.4, 0.7nm,0.5s,baz=252,SNR=16, ASAR Alice Springs, 25.24 239 P, P, 13 21 14.3 -0.2, 0.6nm,0.4s,baz=58,slow=9.4,SNR=27, MKAR Makanchi Array, 84.47 318 P, P, 13 27 59.5 -1.1, 1.2nm,0.7s,baz=101,slow=6.9,SNR=6.5

IDC 08 13:17:48.0-1.2,6.20N-94.07E,h0km,mb3.6/6,mb1 3.6/7, mb1mx3.4/62,mbtmp3.5/7,ML3.6/1,Error ellipse: s-maj=37.0km s-min=14.5km az=69.0, IDC 08 13:17:53.8-1.9,6.33N-92.04E,2.0/4,h35km,n7,0.0972/7, mb3.6/6,Nicarobar Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, CMAR Chiang Mai Arr, 12.95 20 Pn, Pn, 13 20 55.1 -0.3, 0.1nm,0.3s,baz=213,slow=12,SNR=1.5, MKAR Makanchi Array, 41.65 348 P, P, 13 25 38.6 -0.2, 1.7nm,1.1s,baz=175,slow=7.2,SNR=2.7, SONM Songoing Array, 42.69 12 P, P, 13 25 48.3 +0.9, 0.3nm,0.5s,baz=190,slow=7.2,SNR=1.9, KURBB Kurchatov Arr, 46.10 346 P, P, 13 26 13.8 -0.6, 0.5nm,0.3s,baz=166,slow=6.4,SNR=3.1, WRA Warramunga Arr, 47.29 124 P, P, 13 26 23.5 -0.7, 0.4nm,0.8s,baz=304,slow=9.0,SNR=1.9, ZALV Zalesovo Beam, 48.13 353 P, P, 13 26 29.9 -0.3, 0.4nm,0.4s,baz=179,slow=7.1,SNR=1.6, ASAR Alice Springs, 48.85 126 P, P, 13 26 36.7 +0.5, 0.3nm,0.8s,baz=307,slow=7.4,SNR=2.3

MOS 08 13:18:14.4-1.3,41.81N-48.21E,h13km,mb3.8/1,Error ellipse: s-maj=7.4km s-min=5.4km az=123.5, AZER 08 13:18:15.0-0.1,41.74N-48.13E,h25km,mb3.1/26,Error ellipse: s-maj=1.8km s-min=1.3km az=21.0, DRS 08 13:18:15.0-0.1,41.80N-48.20E,h17km,ML3.5/3, n81,-1.857/148,4C,Eastern Caucasus

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, DRN Derbent, 0.21 21 Op, ISC, Pn, 13 18 21.1 +0.2, 0.2nm,0.5s,baz=213,slow=12,SNR=1.5, DRN Derbent, 0.21 21 P, P, 13 18 25.1 +0.1, Pmax, Pmax, 13 18 25.1 +0.1, DRN Derbent, 0.21 21 P, P, 13 18 21.1 +0.2, I, Sg, I, Sg, 13 18 25.9 +1.0, comp=Z,4um,0.2s, KSMR Kasumkent, 0.24 199 Op, P, P, 13 18 20.8 -0.5, eS, P, 13 18 24.7 -0.7, Pmax, Pmax, 13 18 24.7 -0.7, comp=Z,2um,0.1s, KSMR Kasumkent, 0.24 199 Op, P, P, 13 18 20.8 -0.5, eS, P, 13 18 24.7 -0.7, Pmax, Pmax, 13 18 24.7 -0.7, Qsar Qusar, 0.32 175 P, P, 13 18 22.4 +0.2, eS, P, 13 18 22.4 +0.2

2015 NOV

Table with columns: Qsar, Akhty, 0.51 227 S, Sb, 13 18 28.0 +1.1, ePG, P, 13 18 27.9 -0.9, eS, Pmax, Pmax, 13 18 31.3 -1.3, comp=Z,4um,0.2s, AKT Akhty, 0.51 227 I, P, Sb, 13 18 24.7 -0.9, I, Sg, I, Sg, 13 18 31.5 -1.1, comp=Z,3um,0.3s, QUBA Quba, Azerbaijan, 0.52 157 P, P, 13 18 24.1 +0.6, S, S, 13 18 34.1 -1.5, URKR Urkarakh, 0.56 307 Op, P, Sb, 13 18 33.2 -0.8, eS, Pmax, Pmax, 13 18 33.2 -0.8, comp=Z,681nm,0.3s, URKR Urkarakh, 0.56 307 Op, P, Sb, 13 18 25.6 -0.8, ePG, I, Sg, I, Sg, 13 18 33.2 -0.8, XNQ Khinaliq, 0.66 186 P, P, 13 18 28.1 -0.2, XNQ XNQ, 0.66 186 P, P, 13 18 27.3 +0.2, SGKR Sergokala, 0.76 326 Op, P, Sb, 13 18 29.3 -0.4, eS, Pmax, Pmax, 13 18 40.5 +0.9, comp=Z,195nm,0.4s, SGKR Sergokala, 0.76 326 Op, P, Sb, 13 18 29.4 -0.4, ePG, P, 13 18 40.5 +0.9, SGKR Kumukh, 0.90 290 Op, P, Sb, 13 18 43.8 +0.1, eS, Pmax, Pmax, 13 18 43.8 +0.1, comp=Z,211nm,0.4s, MKMR Kumukh, 0.90 290 Op, P, Sb, 13 18 31.3 -0.8, eSg, P, 13 18 43.8 +0.1, SIZA Siyzn, 0.91 146 P, Pn, 13 18 32.6 -0.3, SIZA SIZA, 0.91 146 P, Pn, 13 18 46.9 +1.5, QBL Gabala, 0.93 199 P, P, 13 18 31.7 -1.0, P, S, 13 18 44.3 -0.3, SEKA Sheki, 0.99 232 P, P, 13 18 24.4 -1.3, SGKR Sheki, 0.99 232 P, P, 13 18 32.1 -1.3, S, S, 13 18 45.2 -1.2, IML Ismayilli, 1.04 182 P, Pn, 13 18 34.7 +0.1, IML IML, 1.04 182 P, Pn, 13 18 49.9 +0.4, PQL Pirkuli, 1.08 165 P, Pn, 13 18 35.8 +0.5, P, S, 13 18 51.9 +1.3, GNBUR Gunib, 1.09 301 Op, P, Pn, 13 18 51.3 -0.3, ePG, Pmax, Pmax, 13 18 50.3, comp=Z,116nm,0.4s, GNBUR Gunib, 1.09 301 Op, P, Pn, 13 18 35.2 -0.3, eSg, P, 13 18 50.1 +0.2, ATGJ Altiaghaj, 1.11 151 P, P, 13 18 36.4 +0.7, ATGJ ATGJ, 1.11 151 P, P, 13 18 53.5 +3.3, ARKR Arakani, 1.20 310 Op, P, Pn, 13 18 52.8 +0.3, eS, Pmax, Pmax, 13 18 52.8 +0.3, ARKR Arakani, 1.20 310 Op, P, Pn, 13 18 36.8 -0.1, eSg, P, 13 18 52.8 +0.3, ZKTA Zakatala, 1.22 261 P, Pn, 13 18 36.4 -0.6, S, S, 13 18 53.7 +0.7, MAK Makhachkala, 1.25 335 Op, P, Sb, 13 18 37.9 -0.2, eS, P, 13 18 55.5 +1.8, MAK Makhachkala, 1.25 335 Op, P, Sb, 13 18 37.9 -0.2, BUJR Buynaksk, 1.29 320 Op, P, Sb, 13 18 38.6 -0.3, eS, Pmax, Pmax, 13 18 56.3 +1.3, BUJR Buynaksk, 1.29 320 Op, P, Sb, 13 18 38.6 -0.3, eSg, P, 13 18 56.4 +1.3, XNZR Khunzakh, 1.34 303 Op, P, Sb, 13 18 39.4 -0.2, eS, Pmax, Pmax, 13 18 57.4 +1.0, XNZR Khunzakh, 1.34 303 Op, P, Sb, 13 18 39.5 -0.2, eSg, P, 13 18 57.4 +1.0, MNGR Mingechevir, A, 1.36 220 P, P, 13 18 40.4 +0.4, MNGR Mingechevir, A, 1.36 220 P, P, 13 18 40.4 +0.4, UNCR Uncukul, 1.38 310 Op, P, Sb, 13 18 57.7 +0.7, eS, Pmax, Pmax, 13 18 59.2 +1.6, UNCR Uncukul, 1.38 310 Op, P, Sb, 13 18 59.2 +1.6, comp=Z,61nm,0.3s, UNCR Uncukul, 1.38 310 Op, P, Sb, 13 18 40.3 -0.1, P, 13 18 59.3 +1.6, KRNK Karanay, 1.40 316 Op, P, Sb, 13 18 40.2 -0.5, eSg, P, 13 18 59.9 +1.8, GBS Qobustan, 1.40 157 P, P, 13 18 41.9 +1.2, KDMR Kurdeimir, 1.45 181 P, P, 13 18 40.6 +0.3, LGD Lagodekhi, 1.48 271 P, P, 13 19 06.8 +1.1, LGD Lagodekhi, 1.48 271 Op, P, P, 13 18 41.1 +0.3, S, S, 13 18 47.0 +2.5, LGD Lagodekhi, 1.48 271 Op, P, P, 13 18 41.0 +0.3, DBC Dubki, 1.58 319 I, P, Sb, 13 18 59.2 -0.3, Pmax, Pmax, 13 18 42.9 -0.8, comp=Z,34nm,0.4s, ZRD Zardab, 1.60 195 P, P, 13 18 43.5 -0.6, ZRD ZRD, 1.60 195 P, P, 13 19 06.3 +2.5, DDFL Dedoflistskaro, 1.63 257 P, P, 13 18 47.1 +2.5, DDFL DDFL, 1.63 257 P, P, 13 19 10.2 +5.5, DDFL DDFL, 1.63 257 Op, P, P, 13 19 10.2 +5.5, eS, S, 13 18 45.4 -0.5, BTLR Botlikh, 1.71 300 Op, P, Sb, 13 18 47.8 +0.9, ePN, Pmax, Pmax, 13 18 47.8 +0.9, BTLR Botlikh, 1.71 300 Op, P, Sb, 13 18 45.0 -0.9, ePG, P, 13 18 49.1 +2.1, DLMR Dylm, 1.71 317 Op, P, Sb, 13 19 05.9 0.0, ePN, Pmax, Pmax, 13 19 08.9 +1.8, comp=Z,94nm,0.3s, DLMR Dylm, 1.71 317 Op, P, Sb, 13 18 46.0 0.0, eSg, P, 13 19 10.0 +2.9, BRDA Brd, 1.76 207 P, P, 13 18 46.0 -0.7, P, P, 13 19 08.3 +0.1, GANJ Ganja, 1.86 231 Pn, Pn, 13 18 46.7 +0.8, GANJ Ganja, 1.86 231 P, P, 13 19 10.1 -1.3, AGDM Agdam, 1.92 207 P, P, 13 18 46.7 0.0, S, S, 13 19 12.7 -0.2, DVE Vedeno, 1.92 307 Op, P, P, 13 18 48.7 -0.9, ePN, Pmax, Pmax, 13 18 48.7 -0.9, comp=Z,35nm,0.4s, DVE Vedeno, 1.92 307 Op, P, P, 13 18 49.1 -0.5, eSg, P, 13 19 13.9 +0.8, ALIB & Aumi;li-Bayra, 1.96 162 P, P, 13 18 47.8 +0.6, P, P, 13 19 15.9 +0.7, BLQ Beylaqan, 2.17 194 P, Pn, 13 18 50.0 -0.1, S, Pn, 13 19 17.3 +1.0, BLO GEDABAY, 2.17 240 P, P, 13 18 51.0 +0.7, S, Pn, 13 19 18.3 -2.1, GDB GEDABAY, 2.26 308 Op, P, Sb, 13 18 51.5 +0.1, ePN, Pmax, Pmax, 13 19 27.5, comp=Z,46nm,0.4s, GROC Groznyy, 2.26 308 Op, P, Pmax, Pmax, 13 18 58.0 +0.0, comp=N,99nm,1.1s, GROC Groznyy, 2.26 308 Op, P, Pmax, Pmax, 13 18 58.0 +0.0, comp=E,62nm,0.4s, GROC Groznyy, 2.26 308 Op, P, Pmax, Pmax, 13 18 58.0 +0.0, comp=N,78nm,1.0s, GROC Groznyy, 2.26 308 Op, P, Pmax, Pmax, 13 18 58.0 +0.0, GROC Groznyy, 2.26 308 Op, P, P, 13 18 58.3 +3.0, ePG, I, Sg, I, Sg, 13 19 21.2 -2.3, QZD Qazax, Azerbai, 2.28 251 P, P, 13 18 53.0 +1.3, QZD QZD, 2.28 251 P, P, 13 19 24.9 +1.2, ORZQ Orzadiz, 2.47 197 P, P, 13 18 56.8 +0.9, GLBA Cilabad, 2.59 177 P, P, 13 19 28.8 -2.4, S, P, 13 19 04.2 +0.1, KMGJR Komgaron, 2.77 297 Op, P, Sb, 13 19 36.6 +0.5, ePN, P, 13 18 56.5 +2.6, PNSH Pansheti, 2.80 288 P, Pn, 13 19 32.9 +0.7, S, Pn, 13 18 56.4 -2.6, PNSH Pansheti, 2.80 288 Op, P, Sb, 13 19 32.9 +0.7, eS, Pn, 13 19 32.9 +0.7

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Table with columns: MTEO Meteo, 2.87 288 P, P, 13 19 07.3 +1.3, MTEO Meteo, 2.87 288 P, P, 13 19 47.7 +6.8, YRD Yardimli, 2.91 180 P, P, 13 19 00.6 +0.1, S, S, 13 19 35.4 +0.4, DMNI Dmanisi, 3.07 262 P, P, 13 19 03.4 +0.8, DMNI Dmanisi, 3.07 262 Op, Pn, Pn, 13 19 03.4 +0.8, DMNI Dmanisi, 3.07 262 Op, Pn, Pn, 13 19 04.4 +1.6, LACR Lac, 3.08 290 Op, Pn, Pn, 13 19 08.2 -1.2, LACR Lac, 3.08 290 Op, Pn, Pn, 13 19 45.2 -1.3, GNR Garni, 3.13 299 I, Pn, Pn, 13 19 04.8 +1.3, LKRN Lakeran, Azer, 3.15 172 S, S, 13 19 45.5 +1.6, LRK Lerik, 3.19 178 P, Pn, 13 19 05.8 +1.6, LRK Lerik, 3.19 178 P, Pn, 13 19 42.7 +1.0, NEY Neytrino, 4.31 291 I, Pn, Pn, 13 19 20.6 +0.9, AKTO Aktyubinsk, 10.95 35 I, Pn, Pn, 13 20 46.6 -4.0, comp=Z,1.3nm,0.8s, AKTO Aktyubinsk, 10.95 35 I, Pn, Pn, 13 22 48.2 -4.2, comp=Z,1.0nm,0.6s, AB31 Akbulak array, 11.06 44 I, Pn, Pn, 13 20 52.2 +0.1, comp=Z,0.1nm,0.3s,baz=230,slow=12,SNR=7.5, AB31 Akbulak array, 11.06 44 I, Pn, Pn, 13 22 51.5 -3.7, BRVK Borovoye, 18.59 45 I, P, Pn, 13 22 33.4 +2.3, comp=Z,7.0nm,3.0s, BRVK Borovoye, 18.59 45 I, P, Pmax, Pmax, 13 22 33.4 +2.3, AAK Ala-Archa, 19.44 79 I, P, Pn, 13 22 43.6 +1.9, comp=Z,9.0nm,1.2s, AAK Ala-Archa, 19.44 79 I, P, Pmax, Pmax, 13 22 43.6 +1.9

UCR 08 13:21:30.6-2.5,9.35N-82.67W,h6km,20km,MW3.8, INET 08 13:21:31.0-9.35N-82.99W,h35km,ML2.9,MW1.1, UPA 08 13:21:31.6-0.5,9.24N-82.65W,h3km,2km,MW1.1, IBL 08 13:21:30.2-1.3,9.37N-80.82-82.68W,0.04,h9km,10km, n25,-0.854/40,2D,Panama-Costa Rica border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, BRU2 Volcan, 0.57 181 I, Op, ISC, h, m, s, ISC, 13 21 41.5 +0.2, BRU2 Volcan, 0.57 181 I, Op, ISC, h, m, s, ISC, 13 21 49.5 +0.7, MLIR3 Monte Lirio, C, 0.59 194 Op, P, P, 13 21 52.3 -0.5, MLIR3 Monte Lirio, C, 0.59 194 Op, P, P, 13 21 50.2 -1.1, EDSV San Vito, 0.62 208 Op, P, Sb, 13 21 42.8 -0.5, EDSV San Vito, 0.62 208 Op, P, Sb, 13 21 52.4 +0.3, LNBQ3 Los Naranjos, 0.62 258 Op, P, P, 13 21 42.2 -0.1, LNBQ3 Los Naranjos, 0.62 258 Op, P, P, 13 21 50.5 +0.1, EDBA Buenas Aires, 0.62 151 I, P, P, 13 21 43.1 -0.2, EDBA Buenas Aires, 0.62 151 I, P, P, 13 21 52.1 0.0, BCO2 Palmira, 0.66 167 Op, P, P, 13 21 43.0 -0.1, BCO2 Palmira, 0.66 167 Op, P, P, 13 21 52.4 +0.6, CHGR2 Atzacate, 0.68 129 Op, P, P, 13 21 42.4 0.0, CHGR2 Atzacate, 0.68 129 Op, P, P, 13 21 53.5 -0.3, CDITO Canoas, 0.81 194 Op, P, Sb, 13 21 46.4 -0.2, CDITO Canoas, 0.81 194 Op, P, Sb, 13 21 57.1 -0.5, EDPN Palmar Norte, 0.87 242 Op, P, P, 13 21 47.7 +0.2, BAGA3 Bagala, Chiriq, 0.91 170 Op, P, P, 13 21 47.6 -0.1, BAGA3 Bagala, Chiriq, 0.91 170 Op, P, P, 13 21 59.8 -0.6, DVD David, 0.95 166 Op, P, Sb, 13 22 01.7 0.0, DVD David, 0.95 166 Op, P, Sb, 13 22 01.7 0.0, PEZE Perez Zeledon, 0.98 271 Op, P, P, 13 21 48.8 -0.4, LOCO3 Loma Colorada, 0.99 165 Op, P, P, 13 21 49.0 -0.2, LOCO3 Loma Colorada, 0.99 165 Op, P, P, 13 22 02.0 -0.1, BATAN Batan, 1.00 317 Op, P, P, 13 21 50.5 +0.1, BATAN Batan, 1.00 317 Op, P, P, 13 22 05.2 +0.5, PTJ1 Puerto Jimenez, 1.03 217 Op, P, P, 13 21 49.8 -0.3, PTJ1 Puerto Jimenez, 1.03 217 Op, P, P, 13 21 50.0 -0.1, PTJ1 Puerto Jimenez, 1.03 217 Op, P, P, 13 22 04.3 +0.4, PTJ1 Puerto Jimenez, 1.03 217 Op, P, P, 13 21 52.4 -0.3, EDDO Dominical, 1.16 264 Op, P, P, 13 21 47.6 -5.1, EDDO Dominical, 1.16 264 Op, P, P, 13 22 09.0 0.0, RIMA Rio Macho, 1.23 289 Op, P, P, 13 21 53.3 -0.6, RIFA San Farael, Vo, 1.26 298 Op, P, P, 13 21 54.0 -0.3, LCR2 Lareda 2, 1.36 286 Op, P, P, 13 21 54.5 -0.4, HDC Heredia, 1.55 292 Op, P, P, 13 21 58.9 -0.3, ARE1 Arenal 1, 2.28 299 Op, P, P, 13 22 09.8 +1.6, JTS Las Juntas de, 2.42 292 Op, P, P, 13 22 11.1 +1.1, JTS Las Juntas de, 2.42 292 Op, P, P, 13 22 12.7 -1.2, JTS Las Juntas de, 2.42 292 Op, P, P, 13 22 44.5 +0.5

BUI 08 13:23:44.9-0.0,6.43N-94.47E,h18km,mb5.1/30, mb4 6/42,MS5.3/50,MS7 5.1/45, IDC 08 13:23:46.0-0.6,6.80N-94.48E,h0km,mb4.2/22, mb1 4.2/24,mb1mx4.1/52,mbtmp4.2/24,ML3.8/2,MS4.8/1, Ms1 4.8/1,ms1mx4.5/2,Error ellipse: s-maj=20.5km s-min=12.1km az=54.0, KLM 08 13:23:46.6-6.16N-94.31E,h10km,mb5.2, NEIC 08 13:23:47.8-1.9,6.77N-0.08-94.48E,0.08,h10km,3km, mb5.2/56,Error ellipse: s-maj=13.4km s-min=10.0km az=49.0, MOS 08 13:24:48.3-1.1,6.83N-94.69E,h27km,mb5.2/29, Mb4.9/10,Error ellipse: s-maj=12.7km s-min=6.2km az=103.4, DJA 08 13:23:54.0-0.3,7.3N-9.5E,h10km,MW4.9/19,mb4.9/19, mb5.4/13,MLV5.2/7,MW(mB)4.8/13,MW,MwP5.7/7, MwP5.3/7, GCMT 08 13:20.0-8.0-1.6,88N-0.01-94.69E,0.01,h15km, MW5.4/141,Moment Tensor Solution. s87,c131, s141,c262; Duration: 1s2 Moment tensor: Scale 1017 Nm; Mn-0.24z;02; Mm-1.08z;02; M0-1.32z;02; Mw-0.48z;05; Mw0.54z;02; Mr-0.09z;04; Best double couple: Mb1-41900z;012; NP1-149.0000z;070.0000z; 1-169.0000z; NP2-55.0000z;079.0000z; 1-21.0000z; Principal axes: T 4580,Plg7.0000; Azm103.0000z; N -0.0840,Plg67.0000z; Azm209.0000z; P -1.3790,Plg22.0000z; Azm11.0000z; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s

8d 13h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Castel Tesino, Wattenberg, Walderaim, etc.

2015 NOV

Main table with columns: SSE, Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Baotou, Wadi Sarin, Fitzroy Crossi, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Dobruska-Polom, Dobruska-Polom, Dobruska-Polom, etc.

IDC 08 13:23:54.9,0.4, 6.77N,94.34E, h0km, mb4.6/34, mb1.4, 6/37, mb4.5/52, mb1m4.6/37, ML4.2/3, Error ellipse: s-maj=14.8km s-min=10.4km az=44.0

BGR 08 13:24:09.0,0.0, 7.14N,92.50E, h29km,5km, mb4.9

ISC 08 13:24:00.1,0.6, 6.72N,0.06, 94.29E,0.06, h31km,3km, h31km; pP-P, n218, c1979/186, mb4.8/75, MSS.0/14,

Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Port Blair, Prapat, DIGLIPUR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for Min Array Bea, Pinedale Array, PDAR, TXAR, PLCA, CPUP.

IOC 08 13:31:20.51.2, 6.59N, 94.23E, h0km, mb3.8/9, mb1 3.8/11, mb1mx3.7/37, mbtmp3.7/11, ML3.3/2, Error ellipse: s-maj=47.6km s-min=19.3km az=54.0

NEIC 08 13:31:22.7.0.6, 6.7N, 0.1.94.4E, 0.1, h10km, 2km, mb4.0/5, Error ellipse: s-maj=28.7km s-min=8.8km az=237.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for LHMI, PSI, RPSI, CMAR, SLVN, MKAR, SOMN, KURB, WRA, ZALV, ASAR, USAOB, USFK, MJAR, ABKAR, BRTR, FINES, GERES.

IOC 08 13:36:52.12.3, 6.83N, 94.58E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.4/39, mbtmp3.9/4, Error ellipse: s-maj=155.6km s-min=16.7km az=53.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for KURB, WRA, ASAR, FINES, GERES.

NNC 08 13:37:41.9.4.0, 38.29N, 54.04E, h0km, mb3.9, 1C-5D, Error ellipse: s-maj=35.1km s-min=23.7km az=46.0, Turkmenistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for AB31, AB31, AKTO, AKTO, KK31, KK31.

TEH 08 13:38:01.2, 38.26N, 56.94E, h10km, ML3.5, THR 08 13:38:01.8.0.6, 38.25N, 56.96E, h14km, km, ML3.3

IOC 08 13:38:02.2.1.9, 38.2N, 0.1.57.00E, 0.04, h10km, n31, r156/33, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for BJRD, SHRT, IMYA, JRKH, ISHM, IFIR, TNSJ, TKDS, DAMV, DAMV, AFRZ, TPRV, SHRT, SHRT, ANAR, KRSH, YZKH, YZKH, YZKH, IRAM.

IOC 08 13:38:11.3.1, 6.98N, 94.93E, h0km, mb3.8/9, mb1 3.9/9, mb1mx3.7/38, mbtmp3.8/9, Error ellipse: s-maj=75.3km s-min=20.9km az=51.0

NEIC 08 13:38:13.2.1.2, 7.0N, 0.3.94.9E, 0.3, h10km, 1km, mb4.5/14, Error ellipse: s-maj=59.2km s-min=16.3km az=225.0

IOC 08 13:38:15.2.1.2, 6.7N, 0.3.94.6E, 0.3, h35km, n26, r066/24, mb4.0/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for LHMI, NIL, GAR, MKAR, MAKZ, KURB, KURK, WBO, WRA, WRAB, WBR2, WBR2, ZALV, AS31, ASAR, BRVK, ABKAR, BRTR, BRTR, FINES, ARCES, ARCES, GERES, GERES.

IOC 08 13:38:36.6.0.6, 7.09N, 94.84E, h0km, mb4.1/16, mb1 4.2/18, mb1mx4.0/40, mbtmp4.1/18, ML3.8/2, MS4.1/4, Ms1 4.1/4, ms1mx3.7/38, Error ellipse: s-maj=23.9km s-min=14.5km az=58.0

BUI 08 13:38:37.4.0.0, 6.76N, 94.19E, h20km, MB5.4/10, mb4.3/28, MS4.7/1

NEIC 08 13:38:39.4.2.0, 7.12N, 0.08.94.77E, 0.16, h10km, 1km, mb4.7/36, Error ellipse: s-maj=13.4km s-min=10.3km az=352.0

KLM 08 13:38:40.7.26N, 94.70E, h10km, mb4.8, GCMT 08 13:38:41.4.0.4, 6.95N, 0.02.94.69E, 0.02, h12km, MW4.8/69, Moment Tensor Solution, s1, c1; s69, c100; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=0.57; 11; Mw=1.40; 08; Mb=1.98; 08; Mo=0.59; 29; Mo=0.14; 08; Mw=0.99; 26; Best double couple: Mo2.06500x10^16 Nm^2; P1=134.00000; S1=653.00000; N1=169.00000; NP2: 0.370000; S2=882.00000; Azm91.00000; M=-0.5080; P151.00000; Azm207.00000; P=-1.8080; P1g32.00000; Azm348.00000; Azm131 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IOC 08 13:38:41.3.0.5, 7.04N, 0.07.94.68E, 0.07, h26km, n96, r128/87, mb4.4/48, 1C-2D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for LHMI, PSI, RPSI, KULM, GSI, IPM, CMAR, CMAR, CMAR, CMAR, KSM, SLVN, SBUM, LEZ, QIZ, KMI, KMI, RAMN, JIRN, PKI, PKIN, H08S3, H08S2, H08S1, TOLIS, TOLIZ, XAN, XAN, XAN, XAN, GAT, GAT, GAT, NLA, NJ2, NJ2, KSH, KSH, HHC, HHC, WMQ, WMQ, WMQ, WMQ, DRK, DRK, GAR, CHGR, CHGR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for BTK, MK31, MKAR, MKAR, MAKZ, KK31, KKAR, SOMN, SOMN, SOMN, KS19, KS19, KURB, KURK, KURK, WBO, WBO, WRA, WRA, WRA, WRAB, WRAB, WBR2, WBR2, ZAAO, ZAAO, ZALV, ZALV, WR0, WR0, ASAR, ASAR, ASAR, ASAR, AS31, MJAR, BRVK, ABKAR, KMBO, KMBO, STKA, BRTR, CAN, TAXI, FIAT, FINES, FINES, BOS, BOS, ARCES, ARCES, SGR1, CONA, ARSA, SOKA, OBKA, MYKA, GERES, KBA, STAL, STAL, WATA, SQTA, MOTA, NB2, NOA, RETA, FETA, DAVA, DAVA, SYO, SYO, TORD, TORD, TORD, ESDC, NVAR, TXAR, CPUP.

IOC 08 13:45:21.0.1.1, 6.9N, 0.1.94.4E, 0.2, h26km, n10, r058/10, mb3.6/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for PSI, CMAR, MKAR, SOMN, WRA, ZALV, ASAR, FINES, ARCES, GERES.

IOC 08 13:48:42.1.2.0, 6.97N, 94.60E, h0km, mb3.4/5, mb1 3.6/6, mb1mx3.4/34, mbtmp3.4/6, ML3.1/1, Error ellipse: s-maj=11.8km s-min=2.7km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like TORO Torodi Ar. Bea, VANDA Vanda, GCSA Galena City Sc, etc.

IDC 08 14:36:55.0-0.6, 6.83N, 94.58E, h0km, mb4.2/15, mb1.4/3/16, mb1mx4.0/54, mbtmp4.1/16, ML3.7/1, Error ellipse: s-maj=29.5km s-min=20.9km az=66.0 NEIC 08 14:36:58.1-1.7, 6.90N, 0.09, 94.7E:0.1, h10km, 1km, mb4.7/16, Error ellipse: s-maj=23.8km s-min=11.2km az=241.0

ISC 08 14:36:59.0-0.6, 6.82N, 0.1, 94.7E:0.1, h26km, n44, s1074/11, mb4.4/21, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like BOSA Boshof, ARCES ARCES Array B, ARCES ARCES Array B, etc.

NNC 08 14:38:38.1-1.0, 36.94N, 70.13E, h0km, mb3.7, mpv3.3, 3C-3D, Error ellipse: s-maj=84.2km s-min=73.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KK31 Karatay Array, AAK Akbulak array, AAK Akbulak array, etc.

IDC 08 14:38:26.0-0.9, 6.57N, 95.32E, h0km, mb3.9/13, mb1.4/0/13, mb1mx3.8/53, mbtmp3.9/13, Error ellipse: s-maj=33.3km s-min=22.0km az=64.0

ISC 08 14:38:53.0-0.9, 6.7N, 0.2, 95.6E:0.2, h239km, n13, s169/13, mb3.6/13, Nicobar Islands region

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

IPEC 08 14:42:49.3-0.2, 49.86N, 18.54E, h0km, 3km, ML1.5/3, Error ellipse: s-maj=1.7km s-min=1.1km az=164.0

PRU 08 14:42:49.9-0.0, 49.85N, 18.51E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like OKC Ostrava-Frasne, MORC Moravsky Berou, MORC Moravsky Berou, etc.

IDC 08 14:46:00.6-1.1, 6.89N, 94.61E, h0km, mb3.8/11, mb1.4/0/13, mb1mx3.7/55, mbtmp3.8/11, ML3.7/2, Error ellipse: s-maj=46.3km s-min=17.0km az=57.0

NEIC 08 14:46:02.4-1.7, 6.90N, 0.10, 94.6E:0.1, h10km, 1km, mb4.4/14, Error ellipse: s-maj=23.9km s-min=5.3km az=228.0

ISC 08 14:46:04.3-0.6, 6.87N, 0.10, 94.6E:0.1, h26km, n33, s058/27, mb4.2/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like LHMI Lhok Sumawe, PBKT Sadao Ping, CMAR Chiang Mai Arr, etc.

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

BUI 08 14:46:57.6-0.0, 6.61N, 94.28E, h10km, mb5.3/21, mb4.7/49, MS5.0/26, MS7.4/27

IDC 08 14:47:00.4-0.4, 6.93N, 94.63E, h0km, mb4.4/30, mb1.4/5/32, mb1mx4.4/54, mbtmp4.4/32, ML4.3/2, MS4.6/7, MS1.4/6/7, ms1mx3.8/48, Error ellipse: s-maj=15.6km s-min=10.8km az=61.0

NEIC 08 14:47:01.3-1.4, 6.88N, 0.07, 94.46E:0.07, h10km, 1km, mb4.9/52, Error ellipse: s-maj=13.0km s-min=10.6km az=122.0

KLM 08 14:47:03.6:92N, 94.60E, h10km, mb5.0, DJA 08 14:47:04.2-1.2, 7.3N, 9.4E:1.2, h29km, 9km, MS.1/28, mb4.9/28, mb5.7/27, Mw(mb)5.2/7, Mw(mb)6.3/1, Mw6.3/1

GCMT 08 14:47:06.3-0.2, 6.97N, 0.01, 94.67E:0.01, h15km, 1km, MV5.2/20, Moment Tensor Solution, s29, c33, s120, c199; Duration: 1s0 Moment tensor: Scale 10^6 Nm; Mn=0.78; 17; Mm=5.27; 13; Mpp=6.05; 15; Mw=3.32; 57; Mw1=3.55; 60; Best double couple: M=7.62400e+016 NP1=143.00000; 350.00000; 1-173.00000; NP2=51.00000; 384.00000; 1-40.00000; Principal axes: T 8.2160, P1g25.0000; Azm10.0000; N -1.1780, P1g50.0000; Azm228.0000; P -7.0330, P1g28.0000; Azm359.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 08 14:47:03.9-0.3, 6.88N, 0.05, 94.50E:0.05, h26km, n191, s169/13, mb3.7/84, MB4.10, 3C-1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like LHMI Lhok Sumawe, TPTI Tuntungan, PSI Prapat, PSI Prapat, etc.

8d 15h

Table with columns for station call letters, frequency, and signal strength. Includes stations like CMAR, ISP, KMI, ELL, etc.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like MBAR, RAFF, OBKA, NJ2, etc.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like TIXI, BRAGANCA, ESDC, etc.

8d 15h

KUR	comp=Z,8µm,5.0s	A	A	15 43 36.0
KUR	comp=Z,8µm,5.0s	A	A	15 43 36.0
KUR	comp=Z,331nm,0.5s	A	A	15 43 50.0
KUR	comp=Z,823nm,0.5s	A	A	15 43 50.0
SPN	Mys Shipunski	5.79	32	PN Pn 15 42 17.9 -0.7
SPN	Mys Shipunski	5.79	32	eP Pn 15 42 17.9 -0.7
SPN	Mys Shipunski	5.79	32	eS Pn 15 43 21.1 -2.5
SPN	Mys Shipunski	5.79	32	eP Pn 15 42 17.9 -0.7
MKZ	Mys Kozlova	7.56	32	PN Pn 15 42 41.0 -1.9
MKZ	Mys Kozlova	7.56	32	eP Pn 15 42 41.0 -1.9
MKZ	Mys Kozlova	7.56	32	eS Pn 15 44 03.2 -4.0
YUK	Yuzh-Kuril'sk	7.58	239D	i/PN Pn 15 42 45.5 +2.2
YUK	Yuzh-Kuril'sk	7.58	239D	eS Pn 15 44 12.0 +4.2
YUK	comp=N,91nm,0.2s			pmax pmax
YUK	comp=Z,438nm,0.2s			pmax pmax
YUK	comp=Z,752nm,1.0s			pmax pmax
YUK	comp=E,1µm,2.1s			smax smax
YUK	comp=N,767nm,1.8s			smax smax
YUK	comp=Z,8µm,15.0s			MLR MLR
YUK	comp=N,6µm,16.0s			MLR MLR
YUK	comp=E,7µm,16.0s			MLR MLR
YUK	Yuzh-Kuril'sk	7.58	239	i P AMB Pn 15 42 45.0 +1.7
YUK	comp=E,640nm,0.5s			AMB AMB 15 42 47.0
YUK	comp=E,752nm,2.0s			AMB AMB 15 42 53.0
YUK	comp=E,767nm,2.0s			eS A 15 44 09.4 +1.6
YUK	comp=E,767nm,2.0s			A A 15 44 22.0
YUK	comp=E,1µm,2.0s			A A 15 44 22.4
YUK	comp=E,370nm,0.6s			A A 15 44 22.4
YUK	comp=E,870nm,0.6s			AMS AMS 15 44 22.6
YUK	comp=E,6µm,16.0s			AMS AMS 15 44 22.6
YUK	comp=E,7µm,16.0s			AMS AMS 15 44 22.6
YUK	comp=E,8µm,16.0s			AMS AMS 15 44 22.6
GRPR	Tuman	7.66	239D	i/PN Pn 15 42 45.6 +1.3
GRPR	comp=N,189nm,0.5s			pmax pmax
GRPR	comp=E,155nm,0.5s			pmax pmax
GRPR	comp=Z,376nm,0.5s			pmax pmax
GRPR	comp=Z,525nm,1.1s			pmax pmax
GRPR	Tuman	7.66	239	i P AMB Pn 15 42 46.0 +1.7
GRPR	comp=Z,376nm,0.5s			AMB AMB 15 42 49.3
GRPR	comp=Z,525nm,1.0s			AMB AMB 15 42 56.0
GRPR	comp=Z,525nm,1.0s			eS A Sn 15 44 10.0 +0.2
GRPR	comp=Z,683nm,2.0s			A A 15 44 29.0
GRPR	comp=Z,579nm,2.0s			A A 15 44 29.0
TUMD	Tumok D	7.69	24	eP Pn 15 42 45.7 +1.0
TUMR	Tumok	7.69	23	eP Pn 15 42 45.7 +0.9
TUMR	Tumok	7.69	23	eP Pn 15 42 46.4 +1.6
GLVR	Golovinno	7.96	238	eP Pn 15 42 48.9 +0.4
GLVR	Golovinno	7.96	238	eP Pn 15 42 49.8 +1.4
GLVR	Golovinno	7.96	238	eS Sn 15 44 17.9 +0.8
ES0	Esso	7.96	16	PN Pn 15 42 50.5 +2.1
ES0	Esso	7.96	16	eP Pn 15 42 50.5 +2.1
ES0	Esso	7.96	16	eP Pn 15 42 50.5 +2.1
JRA	Rausu	8.07	241	P Pn 15 42 50.5 +2.1
NEM2	Nemuro 2	8.08	235	P Pn 15 42 49.2 -0.8
NEM2	Nemuro 2	8.08	235	eS Pn 15 44 17.0 -2.9
NMR	Nemuro-Hokkai	8.08	236	i/PN Pn 15 42 48.9 -1.2
NMR	Nemuro-Hokkai	8.08	236	i/PN Pn 15 42 48.9 -1.2
KMNR	Kamenistaya	8.14	22	PN Pn 15 42 51.2 +0.3
KMNR	Kamenistaya	8.14	22	eP Pn 15 42 51.2 +0.3
YSS	Yuzh-Sakhalins	8.30	265	eP Pn 15 42 56.3 +3.2
YSS	Yuzh-Sakhalins	8.30	265	eS Sn 15 44 30.7 +5.3
YSS	comp=Z,130nm,0.8s			pmax pmax
YSS	comp=Z,900nm,4.5s			pmax pmax
YSS	comp=N,70nm,0.5s			smax smax
YSS	comp=E,60nm,0.5s			smax smax
YSS	comp=Z,8µm,19.0s			MLR MLR
YSS	comp=E,6µm,18.0s			MLR MLR
YSS	Yuzh-Sakhalins	8.30	265	eP Pn 15 42 56.5 +3.4
YSS	comp=E,130nm,0.8s			AMB AMB 15 43 01.0
YSS	comp=E,900nm,4.5s			eS A Sn 15 44 27.0 +1.6
YSS	comp=E,70nm,0.5s			A A 15 44 33.2
YSS	comp=E,60nm,0.5s			A A 15 44 33.2
YSS	comp=E,6µm,19.0s			AMS AMS 15 45 43.0
YSS	comp=E,8µm,19.0s			AMS AMS 15 45 43.0
YSS	Yuzh-Sakhalins	8.30	265	Pn Pn 15 42 53.4 +0.3
KPT	Kopyto	8.32	21	PN Pn 15 42 54.5 +1.1
KPT	Kopyto	8.32	21	eP Pn 15 42 54.5 +1.1
KOZ	Kozyrevsk	8.33	20	PN Pn 15 42 56.0 +2.6
KOZ	Kozyrevsk	8.33	20	eP Pn 15 42 56.0 +2.6
KOZ	Kozyrevsk	8.33	20	Pn Pn 15 42 56.0 +2.6
TYV	Tymovskoe	8.33	292	eP Pn 15 42 58.0 +4.5
TYV	Tymovskoe	8.33	292	eS Pn 15 44 29.5 +3.3
TYV	comp=Z,1µm,2.5s			pmax pmax
TYV	comp=Z,124nm,1.1s			pmax pmax
TYV	comp=N,29nm,1.4s			smax smax
TYV	comp=E,42nm,1.4s			smax smax
TYV	comp=N,800nm,4.3s			smax smax
TYV	comp=E,400nm,4.3s			smax smax
TYV	comp=N,9µm,19.0s			MLR MLR
TYV	comp=Z,15µm,19.0s			MLR MLR
TYV	Tymovskoe	8.33	292	eP Pn 15 42 56.6 +3.1
TYV	comp=Z,1µm,2.5s			AMB AMB 15 43 00.4
TYV	comp=Z,123nm,1.1s			eS Sn 15 44 29.5 +3.3
TYV	comp=Z,29nm,1.4s			A A 15 44 29.6
TYV	comp=Z,41nm,1.4s			A A 15 44 29.6
TYV	comp=Z,800nm,4.2s			A A 15 44 30.7
TYV	comp=Z,400nm,4.2s			A A 15 44 30.7
TYV	comp=Z,9µm,18.0s			AMS AMS 15 46 18.3
TYV	comp=Z,15µm,18.0s			AMS AMS 15 46 18.3
KIRR	Kirishev	8.34	22	PN Pn 15 42 55.8 +2.1
KIRR	Kirishev	8.34	22	eP Pn 15 42 55.8 +2.1
BZWR	Bezmyanniy-We	8.39	22	PN Pn 15 42 55.7 +1.3
BZWR	Bezmyanniy-We	8.39	22	eP Pn 15 42 55.7 +1.3
BZGR	Bezmyanniy-Gr	8.42	23	PN Pn 15 42 56.1 +1.3
BZGR	Bezmyanniy-Gr	8.42	23	eP Pn 15 42 56.1 +1.3
UGL	Ulegorsk	8.51	280	ePN Pn 15 42 57.4 +1.5

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UGL	comp=Z,600nm,2.0s			pmax pmax
UGL	comp=Z,146nm,1.2s			pmax pmax
UGL	comp=N,9µm,14.0s			MLR MLR
UGL	comp=E,9µm,14.0s			MLR MLR
UGL	comp=Z,10µm,14.0s			MLR MLR
UGL	Ulegorsk	8.51	280	eP Pn 15 42 58.3 +2.4
UGL	comp=Z,600nm,2.0s			AMB AMB 15 43 03.0
UGL	comp=Z,146nm,1.2s			AMB AMB 15 43 03.1
UGL	comp=Z,10µm,14.0s			eS Sn 15 44 34.0 +3.5
UGL	comp=Z,9µm,14.0s			AMS AMS 15 46 47.5
UGL	comp=Z,9µm,14.0s			AMS AMS 15 46 47.5
UGL	comp=Z,10µm,14.0s			AMS AMS 15 46 47.5
JNK	Nakash	8.51	240	P Pn 15 42 57.1 +1.1
ZLN	Zelenaya	8.52	23	PN Pn 15 42 57.1 +1.0
ZLN	Zelenaya	8.52	23	eP Pn 15 42 57.1 +1.0
LGNR	Loginova	8.55	22	PN Pn 15 42 58.0 +1.3
LGNR	Loginova	8.55	22	eP Pn 15 42 58.0 +1.3
CIRR	Tsirk	8.59	23	eP Pn 15 42 58.1 +1.0
KRSR	Krestovskiy	8.63	22	PN Pn 15 42 59.0 +1.3
KRSR	Krestovskiy	8.63	22	eP Pn 15 42 59.0 +1.3
KLY	Klyuchi	8.74	22	PN Pn 15 42 59.9 +0.8
KLY	Klyuchi	8.74	22	eP Pn 15 42 59.9 +0.8
JTKR	Abashiri-Toko	8.77	244	P Pn 15 43 01.8 +2.3
JAK	Akkeshi	8.90	237	eS Sn 15 43 05.0 +0.8
JMP	Maaruseppu	9.08	246	P Pn 15 44 36.2 -3.9
BDR	Baidarnaya	9.11	23	PN Pn 15 43 06.4 +2.6
BDR	Baidarnaya	9.11	23	eP Pn 15 43 05.0 +0.8
OKH	Okha	9.17	309	i/PN Pn 15 43 13.2 +8.3
OKH	comp=Z,500nm,10.9s			pmax pmax
OKH	comp=E,10µm,16.0s			MLR MLR
OKH	comp=N,8µm,16.0s			MLR MLR
OKH	comp=Z,8µm,16.0s			MLR MLR
OKH	Okha	9.17	309	i P AMB Pn 15 43 08.7 +3.8
OKH	comp=Z,3µm,2.0s			AMB AMB 15 43 15.6
OKH	comp=Z,3µm,2.0s			eS A Sn 15 44 53.1 +6.5
OKH	comp=Z,3µm,2.0s			A A 15 44 54.1
OKH	comp=Z,8µm,16.0s			AMS AMS 15 47 15.2
OKH	comp=Z,8µm,16.0s			AMS AMS 15 47 15.2
OKH	comp=Z,10µm,16.0s			AMS AMS 15 47 15.2
OKH	comp=Z,8µm,16.0s			AMS AMS 15 47 15.2
SRKR	Sorokina	9.18	22	PN Pn 15 43 05.2 +0.1
SRKR	Sorokina	9.18	22	eP Pn 15 43 05.2 +0.1
SMKR	Semkarok	9.19	23	PN Pn 15 43 05.7 +0.4
SMKR	Semkarok	9.19	23	eP Pn 15 43 05.7 +0.4
JAR	Ashoroboto	9.24	241	P Pn 15 43 07.3 +1.3
JAR	Ashoroboto	9.24	241	eS Sn 15 44 49.5 +1.0
KBTR	Krutoberegovo	9.27	29	PN Pn 15 43 04.3 -2.0
KBTR	Krutoberegovo	9.27	29	eP Pn 15 43 04.3 -2.0
KBG	Krutoberegovo	9.27	28	PN Pn 15 43 08.3 +2.0
KBG	Krutoberegovo	9.27	28	eP Pn 15 43 08.3 +2.0
KBG	Krutoberegovo	9.27	28	eP Pn 15 43 08.3 +2.0
AJA	Kamikawa-asahi	9.49	248	P Pn 15 43 12.3 +2.9
AJA	Kamikawa-asahi	9.49	248	eP Pn 15 43 12.3 +2.9
ASAJ	comp=Z,12nm,0.3s,baz=70,slow=14,SNR=86			S Sn 15 44 48.5 -6.2
ASAJ	baz=70,slow=18,SNR=1.3			LR LR 15 46 39.0
ASAJ	comp=Z,9µm,19.2s,baz=66,slow=36			P Pn 15 43 13.1 +3.7
ASAJ	Asahikawa	9.49	248	P Pn 15 43 12.9 +3.0
JKK2	Kamakawa 2	9.53	247	P Pn 15 43 11.7 -2.0
BKI	Bering	9.72	41	PN Pn 15 43 11.7 -2.0
BKI	Bering	9.72	41	eP Pn 15 43 11.7 -2.0
BKI	Bering	9.72	41	eS Sn 15 44 49.8 -1.0
BKI	Bering	9.72	41	eP Pn 15 43 11.7 -2.0
JCH	Churui	9.90	239	P Pn 15 43 14.3 -0.6
JCH	Churui	9.90	239	eP Pn 15 43 14.3 -0.6
JCH	Churui	9.90	239	eS Sn 15 43 00.0 -4.6
NKL	Ashibetsu	10.04	246	P Pn 15 43 18.7 -0.4
NKL	Nikolayevsk	10.21	304	ePN Pn 15 43 18.7 -0.4
NKL	comp=E,11nm,0.9s			pmax pmax
NKL	comp=N,490nm,1.3s			pmax pmax
NKL	comp=Z,182nm,1.5s			MLR MLR
NKL	comp=N,8µm,12.0s			MLR MLR
NKL	comp=Z,6µm,15.0s			MLR MLR
NKL	Nikolayevsk	10.21	304	eP Pn 15 43 20.6 +1.5
NKL	comp=Z,181nm,1.5s			AMB AMB 15 43 26.1
NKL	comp=Z,8µm,15.0s			AMS AMS 15 48 29.4
NKL	comp=Z,11nm,15.0s			AMS AMS 15 48 29.4
NKL	comp=Z,6µm,15.0s			AMS AMS 15 48 29.4
JBT2	Biratori 2	10.38	242	P Pn 15 43 22.6 +1.1
ERM	Erimo	10.40	237	i/PN Pn 15 43 20.9 -0.9
ERM	Erimo	10.40	237	eP Pn 15 43 22.4 +0.6
JUK	Urakawa-nobuka	10.46	249	P Pn 15 43 20.5 +1.1
JEW	Eniwo	10.89	245	P Pn 15 43 30.4 +1.9
JEW	Eniwo	10.89	245	eP Pn 15 43 27.6 -0.9
PALN	Palana	11.19	14	PN Pn 15 43 32.6 +0.1
PALN	Palana	11.19	14	eP Pn 15 43 32.6 +0.1
JNB	Noborjetsu	11.35	244	P Pn 15 43 34.1 -0.7
JNB	Magadan	11.52	349	P Pn 15 43 38.4 +1.3
MA2	comp=Z,4.2nm,0.3s,baz=161,slow=18,SNR=20			LR LR 15 48 37.1
MA2	comp=Z,6µm,18.4s,baz=173,slow=40			LR LR 15 48 37.1
MA2	Magadan	11.52	349	ePN Pn 15 43 36.9 -0.2
MA2	comp=Z,158nm,1.3s			pmax pmax
MA2	Magadan	11.52	349	eP Pn 15 43 36.9 -0.2
JYM2	Yakumo 2	11.96	244	P Pn 15 43 36.5 -0.6
JYM2	Yakumo 2	11.96	244	eP Pn 15 43 42.4 -0.7
GRNR	Gornyy	12.23	288	i/PN Pn 15 43 51.8 +5.0
GRNR	Gornyy	12.23	288	eS Sn 15 46 12.2 +1.1
GRNR	comp=E,8.0nm,0.9s			pmax pmax
GRNR	comp=Z,10.0nm,0.9s			pmax pmax
GRNR	comp=E,3.0nm,0.9s			smax smax
GRNR	comp=E,4µm,20.0s			MLR MLR
GRNR	comp=N,2µm,17.0s			MLR MLR
GRNR	comp=Z,5µm,18.0s			MLR MLR
GRNR	Gornyy	12.23	288	eP Pn 15 43 49.8 +3.0
GRNR	comp=Z,10.0nm,0.9s			AMB AMB 15 43 53.0
GRNR	comp=Z,2µm,18.0s			AMS AMS 15 48 45.0
GRNR	comp=Z,4µm,18.0s			AMS AMS 15 48 45.0
GRNR	comp=Z,5µm,18.0s			AMS AMS 15 48 45.0
JTM	Tennabayashi	12.39	238	P Pn 15 43 45.5 -3.5
JTM	Tennabayashi	12.39	238	eP Pn 15 43 45.5 -3.5
TEY	Ternei	12.97	262	ePN Pn 15 44 04.4 -2.0
TEY	Ternei	12.97	262	eP Pn 15 46 28.4
TEY	Ternei	12.97	262	eP Pn 15 43 57.4 +0.5
TEY	comp=Z,1			

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like GAMB, JSU, DL2, BOD, TNA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KTH, BRLL, MLY, TRF, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SCRK, BMRM, J26L, etc.

8d 15h

ZALV	comp=Z,2.8nm,0.7s,baz=77,slow=2.0,SNR=6.5	LR	LR	16 07 26.8
ZALV	comp=Z,2um,19.6s,baz=78,slow=37			
ZALV	Zalesovo Beam	42.67 305	P	15 48 46.7 -0.7
ZALV	Zalesovo Beam	42.67 305	P	15 50 38.9
ZALV	Zalesovo Beam	42.67 305	P	15 48 46.7 -0.7
ZALV	Zalesovo Beam	42.67 305	P	15 50 38.6 0.0
DGZ	Jazzator, Alta	42.89 298 <i>i</i>	P	15 48 49.7 +0.2
DGZ	comp=Z,2.1nm,1.2s			
DGZ	Guiyang	43.22 257	P	15 48 53.1 +0.7
GVA	GVA			15 49 08.1 -1.3
GVA	GVA			15 55 12.1 -4.2
GVA	comp=Z,3.7nm,1.1s			
GVA	comp=Z,380nm,3.5s			
GVA	comp=Z,1um,18.1s			
GVA	comp=Z,800nm,18.2s			
GVA	comp=Z,880nm,18.6s			
TGNT	Hyland Airport	43.42 43	P	15 48 55.3 +1.8
DLBC	Dease Lake	43.64 47	P	15 48 56.8 +1.4
DLBC	comp=Z,2.7nm,0.8s,baz=290,slow=12,SNR=12			
DLBC	Dease Lake	43.64 47	P	15 48 55.7 +0.4
WRGLY	Wrigley	44.95 39	P	15 49 08.2 +2.7
WMQ	Urumqi	45.48 291	eP	15 49 11.1 +1.0
WMQ				15 49 19.8 -2.3
WMQ				15 49 28.2 +1.1
WMQ	comp=Z,1.9nm,1.5s			
WMQ	comp=Z,2.20nm,5.5s			
WMQ	comp=Z,3um,16.5s			
WMQ	comp=Z,830nm,14.7s			
GRNB	comp=Z,630nm,21.7s			
GRNB	Grenville Isla	45.48 53	P	15 49 10.6 +0.6
QIZ	comp=Z,28nm,1.0s			
QIZ	Qiongzong	46.56 247	P	15 49 20.7 +1.9
QIZ				15 56 04.1 -0.4
QIZ	comp=Z,14nm,1.2s			
QIZ	comp=Z,240nm,4.1s			
QIZ	comp=Z,2um,12.6s			
QIZ	comp=Z,890nm,14.9s			
QIZ	comp=Z,1um,16.5s			
KMI	Qiongzong	46.56 247	P	15 49 20.8 +2.0
KMI	Kunming	46.70 260	P	15 49 20.9 +0.7
KMI				15 49 33.6 +1.4
KMI				15 51 10.6 +0.3
KMI				15 56 08.0 +1.1
KMI				15 56 27.1 +0.2
KMI				15 59 25.9 -7.4
KMI	comp=Z,30nm,1.8s			
KMI	comp=Z,350nm,5.2s			
KMI	comp=Z,890nm,17.9s			
KMI	comp=Z,420nm,15.6s			
KMI	comp=Z,940nm,18.5s			
SEM	Semipalatinsk	46.72 302	eP	15 49 17.3 -2.7
SEM	Semipalatinsk	46.72 302	eP	15 49 17.3 -2.7
MK31	Makanchi Array	47.28 297	iP	15 49 23.6 -0.6
MK31	Makanchi Array	47.28 297	P	15 49 23.9 -0.4
MKAR	Makanchi Array	47.28 297	P	15 49 24.1 -0.1
MKAR	comp=Z,6.9nm,0.7s,baz=72,slow=5.6,SNR=28			
MKAR	comp=Z,2um,18.4s,baz=41,slow=38			16 10 52.9
MKAR	Makanchi Array	47.28 297	P	15 49 23.6 -0.6
MKAR	Makanchi Array	47.28 297	P	15 49 23.6 -0.6
MKAR	Makanchi Array	47.28 297	P	15 49 23.6 -0.6
MAKZ	Makanchi	47.46 297	P	15 49 24.7 -0.9
MAKZ	comp=Z,1.6nm,1.2s			
MAKZ	Makanchi	47.46 297	P	15 49 24.7 -0.9
KURK	Kurchatov	47.49 303	eP	15 49 25.6 -0.1
KURK	comp=Z,3um,19.0s			
KURK	Kurchatov	47.49 303	eP	15 49 25.6 -0.1
KURK	Kurchatov	47.49 303	P	15 49 25.6 -0.1
KURRB	Kurchatov Arra	47.59 303	P	15 49 25.6 -0.6
KURRB	comp=Z,6.7nm,0.6s,baz=67,slow=8.6,SNR=11			
KURRB	comp=Z,2um,18.4s,baz=41,slow=38			
YKA	comp=Z,3.9nm,0.8s,baz=61,slow=2.4,SNR=7.1			
YKA	Yellowknife Ar	48.95 38	P	15 49 37.3 +0.6
YKA	comp=Z,1.8nm,1.0s,baz=302,slow=6.5,SNR=20			
YKA	comp=Z,866nm,18.3s,baz=0.0,slow=41			16 14 11.3
YKA	Yellowknife Ar	48.95 38	eP	15 49 38.5 +1.7
RES	comp=Z,1.9nm,1.0s			
RES	Resolute Bay	48.96 19	P	15 49 38.0 +1.3
RES	comp=Z,3.2nm,0.9s,baz=261,slow=1.7,SNR=33			
RES	Resolute Bay	48.96 19	P	15 49 37.5 +0.8
RES	comp=Z,63nm,1.2s			
RES	Resolute Bay	48.96 19	P	15 49 37.5 +0.8
HMH	Humu'ula Sheep	49.02 108	P	15 49 37.0 +1.0
TDK	Taldyqorghan	50.53 297	eP	15 49 47.4 -1.8
TDK	comp=Z,2.7nm,1.1s			
TDK	Taldyqorghan	50.53 297	eP	15 49 47.3 -1.8
BRVK	Borovoye	50.82 309	eP	15 49 51.6 +0.5
BRVK	comp=Z,4.0nm,0.6s			
BRVK	comp=Z,3um,18.0s			
BRVK	Borovoye	50.82 309	eP	15 49 51.6 +0.5
BRVK	Borovoye	50.82 309	P	15 49 50.0 -1.1
SHLS	Shalkode	50.91 294	eP	15 49 48.6 -3.6
KBS	Kingsbay	51.12 351	P	15 49 48.5 -3.6
KBS	comp=Z,2.7nm,1.1s			
KBS	Kingsbay	51.12 351	P	15 49 48.5 -3.6
KBS	comp=Z,1.8nm,0.5s			
KBS	Kingsbay	51.12 351	P	15 49 52.0 -1.0
BRZS	Berezniaki	51.15 305	eP	15 49 51.3 -2.4
BRZS	comp=Z,2.7nm,1.1s			
BRZS	Berezniaki	51.15 305	eP	15 49 51.3 -2.4
UZB	Uzymbulak	51.18 294	eP	15 49 52.0 -2.2
UZB	comp=Z,3.9nm,2.1s,baz=294			
UZB	Uzymbulak	51.18 294	eP	15 49 51.9 -2.2
SPAO	Spitsbergen Ar	51.27 350	eP	15 49 54.9 +0.7
SPITS	Spitsbergen Ar	51.27 350	P	15 49 52.8 -1.4
SPITS	comp=Z,7.9nm,1.5s			
SPB2	Spitsbergen Ar	51.27 350	P	15 49 52.5 -1.7
LSA	Lhasa	51.38 273	P	15 49 58.1 +1.9
LSA	Lhasa	51.38 273	P	15 49 57.2 +1.0
LSA	comp=Z,1.8nm,0.5s			
LSA	Lhasa	51.38 273	P	15 49 57.2 +1.0
LSA	comp=Z,1.8nm,0.5s			
LLBL	Lillooet	51.39 54	P	15 49 56.2 +0.7
LLBL	comp=Z,4.8nm,1.5s			
CHKK	Chushkaly	52.01 296	eP	15 49 58.4 -1.8
SMPI	Sarmi	52.05 201	P	15 50 03.9 +3.2
SMPI	comp=Z,1.6nm,1.6s			

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UBPT	Khong Chiam	52.11 248	P	15 50 00.1 -1.0
JAY	Jayapura	52.12 198	LR	16 08 31.4
TULEG	Thule	52.34 12	AMP	15 50 03.5
TULEG	Thule	52.34 12	P	15 50 01.8 -0.4
KUU	Kurty	52.38 297	eP	15 50 00.7 -2.2
KUU	Kurty	52.38 297	eP	15 50 00.7 -2.2
B05A	Bryant	52.54 57	P	15 50 06.0 +2.0
B05A	comp=Z,1.4nm,1.8s,baz=299			
BTL5	Baital	53.09 299	eP	15 50 06.1 -2.0
BTL5	Baital	53.09 299	eP	15 50 06.1 -2.0
BTL5	comp=Z,1.4nm,1.8s			
E04D	Cinebar	53.23 59	P	15 50 11.1 +1.9
E04D	comp=Z,1.4nm,1.8s			
NEEM	North Greenlan	53.46 7	iP	15 50 09.3 -1.4
NEEM	comp=Z,1.83nm,0.9s			15 50 12.4
SHL	Shillong	53.60 269	P	15 50 12.8 +0.4
SHL	comp=Z,5.6nm,0.7s			
SHL	Shillong	53.60 269	P	15 50 12.8 +0.4
CHTO	Chiang Mai	53.64 257	P	15 50 13.1 +0.6
CHTO	comp=Z,2.3nm,0.9s			
CHTO	Chiang Mai	53.64 257	P	15 50 13.1 +0.6
CHTO	comp=Z,2.2nm,0.9s			15 50 14.9
SGDS	Sogindya	53.65 297	eP	15 50 10.6 -1.8
SGDS	comp=Z,2.2nm,0.9s			
USP	Ospenovka	53.83 297	eP	15 50 14.4 +0.7
USP	SNR=9.9			
CHMS	Chumysh	53.84 296	P	15 50 14.1 +0.3
CHMS	SNR=5.8			
CM31	Chiang Mai Arr	53.90 257	P	15 50 14.6 +0.2
CM31	comp=Z,1.8nm,0.9s			15 50 16.9
CMAR	Chiang Mai Arr	53.90 257	P	15 50 16.1 +1.8
CMAR	comp=Z,7.1nm,0.8s,baz=32,slow=7.3,SNR=53			
CMAR	comp=Z,1um,18.4s,baz=98,slow=38			16 15 13.3
CMAR	Chiang Mai Arr	53.90 257	P	15 50 15.1 +0.7
CMAR	Chiang Mai Arr	53.90 257	P	15 50 15.1 +0.7
LTY	Liberty	53.90 57	P	15 50 14.2 +0.1
LTY	comp=Z,1.8nm,0.9s			15 50 14.5 0.0
KBK	Karagaybulak	53.92 296	P	15 50 14.5 0.0
KBK	SNR=2.2			
B08A	Colville Reser	54.02 55	P	15 50 15.4 +0.4
B08A	comp=Z,4.4nm,1.4s			15 50 17.3
AAK	Ala-Archa	54.20 296	P	15 50 16.2 -0.3
AAK	comp=Z,6.6nm,0.9s,baz=113,slow=2.5,SNR=13			
AAK	Ala-Archa	54.20 296	P	15 50 17.0 +0.5
AAK	Ala-Archa	54.20 296	iP	15 50 17.0 +0.5
AAK	Ala-Archa	54.20 296	eP	15 50 13.9 -2.6
AAK	comp=Z,5.7nm,1.3s			
AAK	Ala-Archa	54.20 296	P	15 50 16.6 +0.1
AAK	Ala-Archa	54.20 296	P	15 50 18.3 +0.9
EDM	Edmonton	54.37 48	P	15 50 18.3 +0.9
EDM	comp=Z,7.5nm,1.1s			
EDM	Edmonton	54.37 48	P	15 50 18.3 +0.9
EKS2	Erkin-Say	54.62 297	P	15 50 20.1 +0.6
EKS2	SNR=6.5			
ARU	Arti	54.66 317	iP	15 50 18.6 -0.8
ARU	comp=Z,1.5nm,1.4s			15 50 37.8 +0.9
ARU	Arti	54.66 317	eP	15 51 19.4
ARU	Arti	54.66 317	eP	15 51 19.4
ARU	Arti	54.66 317	eP	15 57 56.1 +0.2
ARU	Arti	54.66 317	eP	16 01 42.9 +4.5
ARU	comp=Z,1.5nm,1.4s			
ARU	Arti	54.66 317	eP	15 50 18.6 -0.8
ARU	Arti	54.66 317	eP	15 50 18.0 -1.4
E07A	Sunnyside	54.76 57	P	15 50 20.9 +0.5
E07A	comp=Z,2.2nm,1.3s			15 50 22.9
I04A	Tendick Farm,	54.91 61	P	15 50 23.0 +1.5
I04A	comp=Z,2.2nm,1.3s			
C09A	Chrisman Ranch	54.92 55	P	15 50 21.9 +0.4
C09A	comp=Z,3.2nm,1.3s			15 50 23.7
D08A	Wollman Farm,	54.99 56	P	15 50 22.1 +0.1
D08A	comp=Z,6.6nm,0.9s,baz=113,slow=2.5,SNR=13			15 50 22.0 +0.2
HAWA	Hanford	55.04 57	P	15 50 23.7 +0.8
F07A	Phinny Hill Vi	55.11 58	P	15 50 25.7
F07A	comp=Z,2.1nm,1.2s			15 50 27.1
KSH	Kashi	55.16 292	P	15 50 27.1 +3.7
KSH	comp=Z,2.1nm,1.2s			15 51 12.2 +1.5
KSH	Kashi	55.16 292	P	15 50 46.4 +1.1
KSH	Kashi	55.16 292	P	16 00 06.3 -2.6
KSH	comp=Z,1.8nm,1.8s			
KSH	comp=Z,2um,20.4s			
KSH	comp=Z,2um,18.2s			
KSH	comp=Z,5um,17.5s			
TAPN	Taplejung	55.20 273	eP	15 50 24.4 +0.3
TAPN	comp=Z,2.4nm,0.5s			
E08A	Dider Farm, El	55.25 57	P	15 50 24.3 +0.5
NEW	Newport	55.28 54	P	15 50 24.0 +0.3
NEW	comp=Z,1.2nm,1.2s,baz=300,slow=5.5,SNR=8.4			
NEW	Newport	55.28 54	P	15 50 25.0 +0.9
NEW	comp=Z,3.0nm,1.4s			15 50 24.5

H17A	Grant Village	61.23	55	P	P	15 51 09.4	+3.4
YMP	Mirror Lake Pl	61.23	54	P	P	15 51 06.9	+0.8
KAPI	Kappang	61.37	221	P	P	15 51 07.6	+0.7
KAPI	Kappang	61.37	221	I	Amb	15 51 10.4	
RLMT	Red Lodge	61.46	53	P	P	15 51 09.8	+2.3
RLMT	Red Lodge	61.46	53	P	P	15 51 08.1	+0.6
FXWY	Fox Creek	61.48	56	P	P	15 51 08.5	+0.9
FXWY	Fox Creek	61.48	56	I	Amb	15 51 11.3	
TPH	Tonopah	61.53	64	P	P	15 51 08.6	+0.5
TPH	Tonopah	61.53	64	P	P	15 51 08.6	+0.5
TPH	Tonopah	61.53	64	P	P	15 51 08.6	+0.5
MOOV	Moose Ponds	61.56	55	P	P	15 51 09.0	+0.8
MOOV	Moose Ponds	61.56	55	I	Amb	15 51 11.8	
TPAW	Teton Pass	61.62	56	P	P	15 51 09.0	+0.4
HVU	Hansel Valley	61.72	58	P	P	15 51 10.2	+1.0
HVU	Hansel Valley	61.72	58	P	P	15 51 10.2	+1.0
LOHW	Long Hollow	61.73	55	P	P	15 51 10.5	+1.2
SNOW	Snow King Moun	61.74	56	P	P	15 51 10.3	+0.9
REDW	Red Top Meadow	61.76	56	P	P	15 51 10.7	+1.2
LCH	Last Change Ra	61.83	65	P	P	15 51 10.0	0.0
MOANS	Monsie	61.83	344	P	P	15 51 08.0	+0.5
DGMT	Dagmar	61.86	48	P	P	15 51 11.6	+1.7
DGMT	Dagmar	61.86	48	P	P	15 51 11.1	+0.3
MORR	Moi Rana	61.87	343	eP	P	15 51 08.5	-1.1
AHID	Auburn Hatcher	62.01	56	P	P	15 51 11.3	+0.2
LAO	LASA Array	62.03	50	P	P	15 51 13.1	+2.0
LAO	LASA Array	62.03	50	P	P	15 51 12.3	+1.3
BWC	Big Grassy Mou	62.13	59	P	P	15 51 12.9	+0.9
SPUT	South Promonto	62.21	58	P	P	15 51 13.1	+0.6
SPUT	South Promonto	62.21	58	I	Amb	15 51 15.7	
BBKI	Banjar Bnu	62.27	227	P	P	15 51 16.1	+3.2
R11A	Troy Canyon, C	62.33	63	P	P	15 51 14.6	+1.2
R11A	Troy Canyon, C	62.33	63	P	P	15 51 13.8	+0.4
R11A	Troy Canyon, C	62.33	63	I	Amb	15 51 16.0	
ISA	Isabella, Lake	62.35	67	P	P	15 51 14.5	+1.1
ICESC	Greenland Ices	62.41	6	P	P	15 51 13.3	-0.3
HWUT	Hardware Ranch	62.51	58	P	P	15 51 14.4	-0.1
HWUT	Hardware Ranch	62.51	58	I	Amb	15 51 17.8	
KBL	Kabul	62.59	292	P	P	15 51 12.5	-2.7
KBL	Kabul	62.59	292	P	P	15 51 12.5	-2.7
SPR3	Spring Creek 3	62.64	61	P	P	15 51 16.1	+0.5
SPR3	Spring Creek 3	62.64	61	I	Amb	15 51 19.0	
DUG	Dugway, Tooele	62.73	59	P	P	15 51 16.3	+0.3
DUG	Dugway, Tooele	62.73	59	P	P	15 51 16.3	+0.3
DUG	Dugway, Tooele	62.73	59	P	P	15 51 16.3	+0.3
DUG	Dugway, Tooele	62.73	59	I	Amb	15 51 19.1	
FURC	Furnace Creek,	62.80	65	P	P	15 51 18.2	+1.9
FURC	Furnace Creek,	62.80	65	P	P	15 51 18.2	+1.9
BW06	Boulder Array	62.86	55	P	P	15 51 18.2	+1.3
BW06	Boulder Array	62.86	55	P	P	15 51 17.4	+0.5
PD01	Pinedale Array	62.86	55	P	P	15 51 18.0	+1.1
PDAR	Pinedale Array	62.86	55	P	P	15 51 18.0	+1.1
PDAR	Pinedale Array	62.86	55	I	Amb	16 21 26.7	
PDAR	Pinedale Array	62.86	55	I	Amb	15 51 17.4	+0.5
TCUT	Toone Canyon	62.92	58	P	P	15 51 17.4	0.0
TCUT	Toone Canyon	62.92	58	I	Amb	15 51 20.4	
PBA	Port Blair	62.93	257	P	P	15 51 15.9	-1.5
LRMC	Laurel Mtn Rad	62.96	66	P	P	15 51 18.3	+0.8
GWY	Greenwater Val	63.11	65	P	P	15 51 19.0	+0.5
FIA1	FINESS Array S	63.11	335	P	P	15 51 17.4	-0.6
FIA1	FINESS Array S	63.11	335	P	P	15 51 17.2	-0.7
FINES	FINESS Array B	63.11	335	P	P	15 51 17.2	-0.7
FINES	FINESS Array B	63.11	335	I	Amb	16 21 23.6	
FINES	FINESS Array B	63.11	335	P	P	15 51 18.2	+0.3
FINES	FINESS Array B	63.11	335	I	Amb	15 51 17.4	-0.6
QSM	Queen of Sheba	63.13	65	P	P	15 51 18.8	+0.3
QSM	Queen of Sheba	63.13	65	I	Amb	15 51 20.3	
EDW2	Edwards Air Fo	63.16	67	P	P	15 51 20.0	+1.2
PSUT	Pine Spring	63.23	61	P	P	15 51 19.5	+0.2
JLU	Jordanelle	63.24	58	P	P	15 51 20.3	+0.8
JLU	Jordanelle	63.24	58	I	Amb	15 51 22.6	
PRN	Pahroc Range	63.27	63	P	P	15 51 20.3	+0.7
PRN	Pahroc Range	63.27	63	I	Amb	15 51 22.5	
SFJD	Kangerlussuaq	63.38	11	P	P	15 51 20.0	+0.4
SFJD	Kangerlussuaq	63.38	11	P	P	15 51 19.5	-0.1
SFJD	Kangerlussuaq	63.38	11	I	Amb	15 51 20.0	+0.4
MPU	Maple Canyon	63.53	59	P	P	15 51 21.6	+0.3
MPU	Maple Canyon	63.53	59	I	Amb	15 51 24.4	
MWC	Mount Wilson	63.56	68	P	P	15 51 21.9	+0.3
MWC	Mount Wilson	63.56	68	P	P	15 51 21.9	+0.3
MWC	Mount Wilson	63.56	68	I	Amb	15 51 23.9	
GSC	Goldstone, Bar	63.61	66	P	P	15 51 21.4	-0.4
GSC	Goldstone, Bar	63.61	66	P	P	15 51 22.8	+0.9
GSC	Goldstone, Bar	63.61	66	P	P	15 51 21.4	-0.4
SHPR	Sheep Range	63.60	64	P	P	15 51 23.9	+0.7
NOSI	Namsos	63.81	343	eP	P	15 51 23.1	+0.6
SOE	Soe	63.84	214	P	P	15 51 26.5	+3.1
SOE	Soe	63.84	214	P	P	15 51 22.6	-0.9
SOE	Soe	63.84	214	I	Amb	15 51 45.9	
EDFI	Ende, Flores	63.92	217	P	P	15 51 24.3	+0.3
TUQ	Turquoise Moun	64.06	65	P	P	15 51 26.0	+1.2
CCUT	Cedar City	64.17	62	P	P	15 51 25.8	+0.2
MVU	Marysvalle	64.21	60	P	P	15 51 26.6	+0.7
HEC	Hector, Ludlow	64.22	66	P	P	15 51 27.4	+1.7
MSU	Marysvalle	64.22	60	P	P	15 51 25.9	0.0
MSU	Marysvalle	64.22	60	P	P	15 51 26.8	+0.5
TMUT	Trail Mountain	64.31	62	P	P	15 51 26.8	+0.3
SZCU	Shurtz Canyon	64.33	57	P	P	15 51 27.4	+0.8
RDMU	Red Mountain	64.40	59	P	P	15 51 27.9	+0.9
P17A	Butcher Ranch	64.40	59	I	Amb	15 51 30.0	
BATI	Baumata	64.48	214	P	P	15 51 27.9	+0.3
MURC	Murcia	64.51	68	P	P	15 51 29.0	+1.4
MDND	Madcock	64.52	46	P	P	15 51 29.8	+2.3
MDND	Madcock	64.52	46	P	P	15 51 27.8	+0.3
Q16A	Castle Valley	64.53	60	P	P	15 51 28.5	+0.5
Q16A	Castle Valley	64.53	60	I	Amb	15 51 30.9	
MTPU	Mount Pierson	64.53	61	P	P	15 51 29.0	+0.9

ULM	Lac du Bonnet	64.55	42	P	P	15 51 26.9	-0.6
ULM	Lac du Bonnet	64.55	42	P	P	16 22 54.6	
ULM	Lac du Bonnet	64.55	42	P	P	15 51 27.0	-0.6
ULM	Lac du Bonnet	64.55	42	P	P	15 51 27.6	0.0
ULM	Lac du Bonnet	64.55	42	I	Amb	15 51 29.8	
P18A	Preston Tunnel	64.58	58	P	P	15 51 29.2	+0.8
P18A	Preston Tunnel	64.58	58	I	Amb	15 51 44.0	
K22A	Casper	64.59	54	P	P	15 51 29.9	+1.7
K22A	Casper	64.59	54	P	P	15 51 28.8	+0.6
K22A	Casper	64.59	54	I	Amb	15 51 30.0	
LCMT	Little Creek M	64.61	62	P	P	15 51 28.8	+0.4
LCMT	Little Creek M	64.61	62	I	Amb	15 51 31.4	
GMRC	Granite Mounta	64.66	66	P	P	15 51 30.1	+1.4
GMRC	Granite Mounta	64.66	66	P	P	15 51 30.1	+1.4
OBN	Obninsk	64.67	326	iP	P	15 51 27.0	-1.3
OBN	Obninsk	64.67	326	iP	P	15 51 59.4	
OBN	Obninsk	64.67	326	eP	P	15 51 27.0	-1.3
OBN	Obninsk	64.67	326	eP	P	15 51 30.0	+0.5
SRU	San Rafael Swe	64.77	59	P	P	15 51 30.0	+0.5
SRU	San Rafael Swe	64.77	59	I	Amb	15 51 32.2	
SRU	San Rafael Swe	64.77	59	I	Amb	15 51 30.0	+0.5
SRU	San Rafael Swe	64.77	59	I	Amb	15 51 31.0	+1.0
KNB	Kanab	64.85	62	P	P	15 51 31.0	+1.0
KNB	Kanab	64.85	62	P	P	15 51 31.0	+1.0
KNB	Kanab	64.85	62	I	Amb	15 51 33.2	
PKCU	Pink Cliffs	64.86	61	P	P	15 51 31.6	+1.3
PKCU	Pink Cliffs	64.86	61	I	Amb	15 51 44.9	
RWWY	Rawlins	64.87	55	P	P	15 51 29.9	-0.3
RWWY	Rawlins	64.87	55	I	Amb	15 51 31.8	
RSSD	Black Hills	64.90	51	P	P	15 51 30.8	+0.5
RSSD	Black Hills	64.90	51	P	P	15 51 31.3	+1.0
RSSD	Black Hills	64.90	51	P	P	15 51 30.8	+0.5
RSSD	Black Hills	64.90	51	P	P	15 51 31.0	+0.3
RSSD	Black Hills	64.90	51	P	P	15 51 31.6	+0.9
PFO	Pinyon Flats O	64.96	67	P	P	15 51 31.0	+0.3
PFO	Pinyon Flats O	64.96	67	P	P	15 51 31.8	+1.0
O20A	White River Ci	65.36	57	P	P	15 51 34.5	+1.2
O20A	White River Ci	65.36	57	P	P	15 51 33.5	+0.1
O20A	White River Ci	65.36	57	I	Amb	15 51 35.9	
IRM	Iron Mountain	65.39	66	P	P	15 51 34.5	+1.1
IRM	Iron Mountain	65.39	66	I	Amb	15 51 34.7	+0.9
BAR	Barrett	65.46	68	P	P	15 51 35.9	
BAR	Barrett	65.46	68	I	Amb	15 51 34.5	+1.1
TSI	Tuntungan	65.50	246	P	P	15 51 32.1	-2.1
W13A	Hualapai Mount	65.52	64	P	P	15 51 35.0	+0.6
BC3	Big Chuckawall	65.54	66	P	P	15 51 35.1	+0.6
U15A	North Rim	65.56	62	P	P	15 51 35.4	+0.6
U15A	North Rim	65.56	62	I	Amb	15 51 37.9	
IKP	In-Ko-Pah, Jac	65.82	68	P	P	15 51 37.1	+0.8
IKP	In-Ko-Pah, Jac	65.82	68	P	P	15 51 37.1	+0.8
RMX	La Rumorosa	65.88	68	P	P	15 51 37.7	+1.0
AGMN	Agassiz Nation	65.96	44	P	P	15 51 37.8	+1.1
AGMN	Agassiz Nation	65.96	44	P	P	15 51 37.7	+1.0
AGMN	Agassiz Nation	65.96	44	P	P	15 51 37.7	+1.0
AGMN	Agassiz Nation	65.96	44	P	P	15 51 39.8	+1.6
GLA	Glamis	66.34	66	P	P	15 51 39.5	0.0
GLA	Glamis	66.34	66	P	P	15 51 39.5	0.0
GLA	Glamis	66.34	66	P	P	15 51 41.0	+1.5
GLA	Glamis	66.34	66	P	P	15 51 39.5	0.0
MOL	Molde	66.43	344	eP	P	15 51 39.8	+0.3
DOMB	Dombas	66.63	343	eP	P	15 51 41.5	+0.6
WUAP	Wupatki	66.73	62	P	P	15 51 43.9	+1.8
WUAP	Wupatki	66.73	62	P	P	15 51 42.5	+0.4
WUAP	Wupatki	66.73	62	I	Amb	15 51 45.1	
SMCO	Snowmass	66.73	57	P	P	15 51 42.7	+0.3
SMCO	Snowmass	66.73	57	I	Amb	15 51 45.1	
GEYT	Alibek	66.81	301	P	P	15 51 42.6	+0.2
GEYT	Alibek	66.81	301	P	P	15 51 42.6	+0.2
GEYT	Alibek	66.81	301	I	Amb</		

WSAR	Wadi Sarin	76.97 290	P	P	15 52 44.7 +1.2	JMDO	Jabal Madar	77.94 290	P	P	15 52 51.0 +2.0	comp=Z,2.1nm,0.6s	PTJ	Puntijarka	79.52 332	P	P	15 52 57.4 +0.1
WSAR	Wadi Sarin	76.97 290	LR	LR	16 31 27.8	ASUD	Al Ashush, Dub	78.00 293	i	P	15 52 50.2 +1.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	UMZA	Um Al Zomool	79.52 292	P	P	15 52 58.2 +0.6
WSAR	Wadi Sarin	76.97 290	P	P	15 52 45.1 +1.6	ASUD	Al Ashush, Dub	78.00 293	P	P	15 52 50.5 +1.3	comp=Z,1.1nm,19.6s,baz=66,slow=39	MZWR	Madinat Zayed	79.53 294	P	P	15 52 58.0 +0.4
ARR	Arges	77.04 326	↑	P	15 52 46.3 +2.7	MOQ	Mont Orford	78.03 293	P	P	15 52 49.8 +0.6	comp=Z,1.1nm,19.6s,baz=66,slow=39	MOSL	Mosul	79.53 332	i	P	15 52 58.6 +0.6
JCT	Junction City	77.08 59	P	P	15 52 43.7 -0.4	BR131	Reskin Array S	78.04 318	P	P	15 52 49.7 +0.3	comp=Z,1.1nm,19.6s,baz=66,slow=39	WTTA	Watenberg	79.56 336	i	P	15 52 59.2 +1.6
JCT	Junction City	77.08 59	P	P	15 52 44.9 +0.8	BR131	Reskin Array S	78.04 318	P	P	15 52 50.9 +1.5	comp=Z,1.1nm,19.6s,baz=66,slow=39	WTTA	Watenberg	79.56 336	eS	S	15 52 59.6 +3.5
JCT	Junction City	77.08 59	P	P	15 52 43.7 -0.4	BR131	Reskin Array S	78.04 318	P	P	15 52 49.7 +0.3	comp=Z,1.1nm,19.6s,baz=66,slow=39	MYKA	Mykava	79.57 334	i	P	15 52 58.2 +0.7
BIDO	Bidbid	77.08 291	P	P	15 52 46.2 +2.1	BR131	Reskin Array S	78.04 318	P	P	15 52 51.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	MYKA	Mykava	79.57 334	eS	S	15 52 58.2 -3.7
SRO	Srobarova	77.08 332	eP	P	15 52 45.7 +2.0	BRTR	Reskin Array S	78.04 318	P	P	15 52 50.4 +1.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	M57A	Sunshine Farm	79.59 37	P	P	15 52 57.6 -0.1
SRO	Srobarova	77.08 332	eP	P	15 52 44.2 +0.4	BRTR	Reskin Array B	78.04 318	P	P	15 52 49.5 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	M57A	Sunshine Farm	79.59 37	iAmb	IAmb	15 53 16.1
SRO2	Moca	77.10 332	eP	P	15 52 45.7 +2.0	BRTR	Reskin Array B	78.04 318	P	P	15 52 49.5 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	BOVR	Ueberuhr	79.59 337	eP	P	15 52 58.6 +0.9
SRO2	Moca	77.10 332	eP	P	15 52 44.2 +0.4	M53A	WI Miller and	78.04 39	P	P	15 52 50.0 +0.8	comp=Z,1.1nm,19.6s,baz=66,slow=39	BOVR	Ueberuhr	79.59 337	eP	P	15 52 58.6 +0.9
SRO2	Moca	77.10 332	eP	P	15 52 44.2 +0.4	M53A	WI Miller and	78.04 39	P	P	15 52 50.0 +0.8	comp=Z,1.1nm,19.6s,baz=66,slow=39	RETA	Reutte	79.60 336	i	P	15 52 59.0 +1.3
FCAR	Ozark Folk Cen	77.12 50	P	P	15 52 43.7 -0.4	J56A	Wolcott	78.06 36	P	P	15 52 49.2 0.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	RETA	Reutte	79.60 336	eS	S	16 03 04.0 +7.8
FCAR	Ozark Folk Cen	77.12 50	P	P	15 52 43.7 -0.4	J56A	Wolcott	78.06 36	P	P	15 52 49.2 0.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	MOTA	Mosalm	79.63 336	i	P	15 52 59.3 +1.3
ROTZ	Rotzeville	77.12 336	eP	P	15 52 44.9 +0.9	WVNY	W Valley, N	78.10 37	P	P	15 52 49.4 -0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MOTA	Mosalm	79.63 336	eS	S	15 53 00.6 +3.8
ZST	Bratislava	77.12 333	eP	P	15 52 45.7 +1.8	WCI	Wyandotte Cave	78.14 45	P	P	15 52 50.4 +0.6	comp=Z,1.1nm,19.6s,baz=66,slow=39	SHMA	Al-Shehema	79.72 297	P	P	15 52 59.6 +1.0
ZST	Bratislava	77.12 333	eP	P	15 52 45.7 +1.8	WCI	Wyandotte Cave	78.14 45	P	P	15 52 50.4 +0.6	comp=Z,1.1nm,19.6s,baz=66,slow=39	SQTA	Sankt Quirin	79.72 336	i	P	15 52 59.9 +1.5
BUD	Budapest	77.15 331	eP	P	15 52 40.2 -3.8	WCI	Wyandotte Cave	78.14 45	P	P	15 52 50.8 +1.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	SQTA	Sankt Quirin	79.72 336	eS	S	16 03 02.2 +4.6
S44A	Carbondale	77.15 47	I	Amb	15 52 44.0 -0.2	WCI	Wyandotte Cave	78.14 45	P	P	15 52 50.8 +1.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	CRES	Crescent	79.75 332	i	P	15 52 58.8 +0.3
S44A	Carbondale	77.15 47	I	Amb	15 52 43.7 -0.4	WCI	Wyandotte Cave	78.14 45	P	P	15 52 50.8 +1.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	U49A	Red Boiling Sp	79.76 46	P	P	15 52 59.0 +0.2
SIUC	Southern Illin	77.15 47	P	P	15 52 43.6 -0.6	WCI	Wyandotte Cave	78.14 45	P	P	15 52 50.8 +1.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	U49A	Red Boiling Sp	79.76 46	I	Amb	15 53 01.0
SIUC	Southern Illin	77.15 47	P	P	15 52 46.4	WCI	Wyandotte Cave	78.14 45	P	P	15 52 50.8 +1.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	ABTA	Abfaltersbach	79.79 335	i	P	15 52 59.4 +0.6
WBK	Wadi Bani Khal	77.22 290	P	P	15 52 46.8 +1.9	ALNE	Al Ain	78.16 293	P	P	15 52 51.2 +1.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	ABTA	Abfaltersbach	79.79 335	eS	S	16 03 08.5 -3.6
UOSS	Minazif	77.23 293	P	P	15 52 45.1 +0.2	BCLA	Clavier	78.21 341	dP	P	15 52 50.9 +1.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	DIVS	Divibare	79.80 329	i	P	15 52 59.0 +0.1
UOSS	Minazif	77.23 293	P	P	15 52 46.0 +1.1	ARQ	Araqi	78.21 292	P	P	15 52 51.5 +1.0	comp=Z,1.1nm,19.6s,baz=66,slow=39	DIVS	Divibare	79.80 329	i	P	15 52 58.4 -0.5
JLN	Jalan Bani Buh	77.27 289	P	P	15 52 47.1 +1.9	BSY	Bisy	78.23 291	P	P	15 52 51.8 +1.2	comp=Z,1.1nm,19.6s,baz=66,slow=39	DIVS	Divibare	79.80 329	i	P	15 53 01.2
BLO	Bloomington	77.28 44	P	P	15 52 45.0 0.0	HERR	Herculan	78.26 328	i	P	15 52 50.8 +0.5	comp=Z,1.1nm,19.6s,baz=66,slow=39	T50A	Nancy	79.80 45	P	P	15 52 59.2 +0.3
BLO	Bloomington	77.28 44	P	P	15 52 45.0 0.0	MOA	Molin	78.26 334	i	P	15 52 51.6 +1.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	T50A	Nancy	79.80 45	I	Amb	15 53 01.2
BLO	Bloomington	77.28 44	P	P	15 53 05.6	BGES	Besves	78.29 341	dP	P	15 52 51.1 +0.6	comp=Z,1.1nm,19.6s,baz=66,slow=39	ZOU	Zouff	79.83 333	i	P	15 52 58.5 -0.6
PBMO	Poplar Bluff	77.28 48	P	P	15 52 45.3 +0.3	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	LJU	Ljubljana	79.83 334	i	P	15 52 57.7 -1.3
KHC	Kasperske Hory	77.32 335	eP	P	15 52 46.4 +1.3	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	CLTN	Cedars of Leba	79.84 46	P	P	15 52 58.6 -0.5
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	CLTN	Cedars of Leba	79.84 46	I	Amb	15 53 00.7
KHC	Kasperske Hory	77.32 335	eP	P	15 52 46.4 +1.3	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	ECH	Echery	79.84 339	P	P	15 52 58.9 -0.1
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	ECH	Echery	79.84 339	P	P	15 52 58.9 -0.1
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	ECH	Echery	79.84 339	P	P	15 53 02.0
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	ECH	Echery	79.84 339	P	P	15 52 59.0 -0.2
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	P	P	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5	ANTO	Ankara	78.30 318	P	P	15 52 50.9 +0.1	comp=Z,1.1nm,19.6s,baz=66,slow=39	MCWV	Mont Chateau	79.87 40	I	Amb	15 53 01.9
KHC	Kasperske Hory	77.32 335	eP	P	15 53 08.5													

Table with columns: KEST, Kesra, 84.50 305 P, P, 16 23 04.7 -0.1, comp=Z,1.2nm,0.6s,baz=36,slow=8.4,SNR=1.6

IDC 08 16:19:25.7z 1.9, 6.6SN,94.50E,h0km,mb3.9/8,mb1 3.9/8, mb1mx3.6/57,mbtmp3.9/8,MS3.6/2,Ms1 3.7/2, ms1mx3.3/49, Error ellipse: s-maj=83.1km s-min=25.4km az=57.0

NEIC 08 16:19:27.6z 1.2, 6.62N,0.05J,94.25E,0.1, h10km,2km, mb4.2/1, Error ellipse: s-maj=17.0km s-min=6.2km az=91

ISC 08 16:19:30.9z 1.1, 6.7N,0.1,94.4E,0.2, h35km, n29, <065/23,mb4.0/14, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LHM1 Lhok Sumawe, 2.91 119 Op, Pn, 16 20 15.4 +0.6

IDC 08 16:20:09.8z 1.8, 0.83N,126.97E,h0km,mb3.6/4, mb1 3.8/4,mb1mx3.4/49,mbtmp3.7/4, Error ellipse: s-maj=165.2km s-min=23.1km az=67.0

DJA 08 16:20:09.8z 0.6, 1.1N,4.12E, h12km,5km,MS3.0/5, MLV3.0/5

ISC 08 16:20:10.5z 1.4,1.0N,0.1,127.5E,0.1, h10km, n6, <1963/7, mb3.7/4, Haimahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, TMTI Ternate, 0.25 223 Op, Pn, 16 20 17.0 -0.2

IDC 08 16:24:16.3z 3.0, 6.64N,95.47E,h0km,mb3.7/5,mb1 3.9/5, mb1mx3.4/62,mbtmp3.7/5, Error ellipse: s-maj=211.8km s-min=25.6km az=53.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LHM1 Lhok Sumawe, 2.88 124 Op, Pn, 16 30 44.5 -1.1

IASPEI 08 16:24:34.7z 1.0, 36.93N,0.03J,97.82W,0.0, h9km, 7km, Error ellipse: s-maj=4.1km s-min=3.4km az=127.2, GTS5 selection from ISC bulletin GTS5 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

NEIC 08 16:24:34.9z 0.9, 36.93N,0.01J,97.81W,0.0, h6km, 6km, Error ellipse: s-maj=3.2km s-min=1.5km az=117.0

TUL 08 16:24:34.7z 0.9, 36.93N,0.01J,97.83W,0.0, h5km, 6km, ML2.9, mb, Lg2.6/19(NEIC), Error ellipse: s-maj=3.2km s-min=1.3km az=118.0

ANF 08 16:24:35.2z 0.5, 36.92N,97.83W, h5km, ML3.1, 8, Error ellipse: s-maj=5.4km s-min=4.2km az=24.0

ISC 08 16:24:34.9z 0.9, 36.93N,0.02J,97.81W,0.0, h7km, 6km, n54, <047/59, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GC02 Grant County #, 0.08 207 Op, Pn, 16 24 37.2 +0.3

Table with columns: KAN09 Caldwell North, 0.26 36 Pg, Pg, 16 24 40.1 0.0

IDC 08 16:27:13.9z 2.6, 5.86N,94.10E,h0km,mb3.4/4,mb1 3.4/5, mb1mx3.2/58,mbtmp3.1/5,ML3.4/1, Error ellipse: s-maj=89.3km s-min=31.4km az=64.0, Northern Sumatara

ISC 08 16:27:13.9z 0.3, 6.68N,0.08J,94.5E,0.1, h26km, n51, <1920/46,mb4.3/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CMAR Chiang Mai Arr, 13.39 20 Op, Pn, 16 30 24.2 -1.2

IDC 08 16:29:57.9z 1.0, 6.86N,94.42E,h0km,mb4.0/15, mb1 4.0/17,mb1mx3.8/55,mbtmp4.0/17,ML3.9/2,MS3.6/4, Ms1 3.6/4,ms1mx3.6/54, Error ellipse: s-maj=40.2km s-min=17.1km az=54.0

NEIC 08 16:29:59.1z 1.9, 6.87N,0.09J,94.6E,0.1, h10km,1km, mb4.5/21, Error ellipse: s-maj=22.9km s-min=13.0km az=247.0

ISC 08 16:30:01.3z 0.6, 6.85N,0.08J,94.5E,0.1, h26km, n51, <1920/46,mb4.3/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LHM1 Lhok Sumawe, 2.88 124 Op, Pn, 16 30 44.5 -1.1

IDC 08 16:30:01.3z 0.6, 6.85N,0.08J,94.5E,0.1, h26km, n51, <1920/46,mb4.3/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LHM1 Lhok Sumawe, 2.88 124 Op, Pn, 16 30 44.5 -1.1

IDC 08 16:30:01.3z 0.6, 6.85N,0.08J,94.5E,0.1, h26km, n51, <1920/46,mb4.3/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LHM1 Lhok Sumawe, 2.88 124 Op, Pn, 16 30 44.5 -1.1

Table with columns: KURBB Kurchatov Arra, 45.63 346 P, P, 16 38 19.7 +0.2

INET 08 16:34:26.2z 13.10N,90.99W, h15km, MW4.1 GCG 08 16:34:36.3z 0.5, 13.47N,90.93W, h24km, 20km, MD4.5

IDC 08 16:34:37.0z 3.2, 13.87N,90.93W, h40km, 30km, mb3.8/13, mb1 4.1/16,ms1mx3.9/36,mbtmp4.1/15,ML4.7/2,MS4.1/6, Ms1 4.1/16,ms1mx3.7/46, Error ellipse: s-maj=29.4km s-min=13.6km az=52.0

UCR 08 16:34:37.9z 1.2, 13.58N,90.71W, h22km, 4km, ML4.8, mb4.6(NEIC)

SNET 08 16:34:37.5z 0.9, 13.51N,90.78W, h45km, ML5.0 NEIC 08 16:34:39.2z 2.1, 13.64N,0.08J,90.66W,0.0, h52km, 5km, s-min=8.0km az=214.0

ISC 08 16:34:39.4z 1.0, 13.57N,0.06J,90.70W,0.0, h68km, 9km, n381, <1925/387,mb4.6/96,1C-4D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PUG Pacaya, 0.82 611 Op, Pn, 16 34 54.4 -1.5

8d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HUEH Huehuetenango, SCLA Alcala de Sa, COEB Comit de Eme, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like W52A comp=Z,33nm,0.8s, WMOK Wichita Mounta, W40K Wichita Mounta, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like U15A North Rim, RMX La Ramona, W13A Hualapai Mount, etc.

Table with columns: Station, Frequency, Class, Power, and Signal. Includes stations like BKKI, LSA, GKN, POO, KOLN, DANN, SMKI, etc.

Table with columns: Station, Frequency, Class, Power, and Signal. Includes stations like TWG, XAN, MSLP, LZH, etc.

Table with columns: Station, Frequency, Class, Power, and Signal. Includes stations like KBL, KSH, KSH, KSH, etc.

ASAR	comp=Z,62nm,0.8s,baz=308,slow=7.6,SNR=199	PcP	PcP	16 57 12.8	-0.3	
ASAR	comp=Z,49nm,1.0s,baz=299,slow=5.0,SNR=4.3	S	S	17 02 43.5	-10	
ASAR	comp=Z,2.7nm,0.9s,baz=297,slow=7.2,SNR=2.3	LR	LR	17 18 30.9		
ASAR	comp=Z,1.17um,20.0s,baz=300,slow=38	PKPPKP	P/P/df	17 26 30.2	-21	
ASAR	comp=Z,2.6nm,1.2s,baz=92,slow=20,SNR=3.4	P	P	16 55 47.6	-1.5	
ASAR	Alice Springs	48.98 129	P	16 55 47.6	-1.5	
ASAR	Alice Springs	48.98 129	P	16 55 47.6	-1.5	
QRN	Al-Qurain	49.01 302	eP	16 55 48.5	-0.7	
FORT	Forrest	49.31 141	P	16 55 51.6	+0.2	
KBD	Kabd	49.32 303	eP	16 55 51.1	-0.5	
RDF	Al-Radifah	49.37 302	P	16 55 51.8	-0.2	
UMR	Umm Al-Rimmam	49.42 303	eP	16 55 52.3	-0.1	
JHJ	Hachijo jima 2	49.44 52	LR	17 16 21.1		
JCJ	comp=Z,29um,20.4s,baz=257,slow=36	LR	LR	17 16 55.1		
JCJ	Chichijima	49.52 60	LR	17 16 55.1		
JCJ	Chichijima	49.52 60	P	16 55 50.7	-2.5	
JCJ	Chichijima	49.52 60	P	16 55 51.1	+1.9	
USAOB	Ussuriysk Arra	49.57 35	P	16 55 52.0	-1.3	
USAOB	comp=Z,336nm,1.5s	Pmax	Pmax			
USAOB	Ussuriysk Arra	49.57 35	P	16 55 52.0	-1.3	
USAOB	comp=Z,336nm,1.4s	IAMB	IAMB	16 56 13.3		
USRK	Ussuriysk Ar.	49.57 35	P	16 55 53.0	-0.2	
USRK	comp=Z,44nm,0.9s,baz=237,slow=6.5,SNR=54	LR	LR	17 18 56.2		
USRK	comp=Z,20um,18.0s,baz=211,slow=39	LR	LR	17 18 56.2		
USRK	Ussuriysk Ar.	49.57 35	P	16 55 52.2	-1.0	
USRK	Ussuriysk Ar.	49.57 35	P	16 55 52.2	-1.0	
MAJO	Matsushiro	49.62 47	iP	16 55 52.9	-0.9	
MAJO	comp=Z,280nm,1.7s	Pmax	Pmax			
MAJO	Matsushiro	49.62 47	P	16 55 52.4	-1.4	
MAJO	Matsushiro	49.62 47	IAMS_20	IAMS_20	17 16 03.7	
MAJO	comp=Z,35um,22.0s	IAMS_20	IAMS_20			
MAJO	Matsushiro	49.62 47	P	16 55 55.2	+1.4	
MAT	Matsushiro	49.62 47	P	16 55 53.6	-0.2	
MAT	Matsushiro	49.62 47	P	17 03 01.4	-0.4	
MJAR	Matsushiro Arr	49.63 47	P	16 55 54.0	+0.1	
MJAR	comp=Z,24nm,0.8s,baz=238,slow=7.4,SNR=41	LR	LR	17 16 26.6		
MJAR	Matsushiro Arr	49.63 47	P	16 55 52.8	-1.0	
MJAR	comp=Z,87nm,1.2s	Pmax	Pmax			
MJAR	Matsushiro Arr	49.63 47	P	16 55 52.8	-1.0	
GUMO	Guam	49.97 78	LR	17 14 18.1		
BRVK	Borovyoye	50.16 341	P	16 55 55.9	-1.7	
BRVK	comp=Z,333nm,1.1s	Pmax	Pmax			
BRVK	Borovyoye	50.16 341	P	16 55 55.9	-1.7	
BRVK	comp=Z,17um,19.0s	MLR	MLR			
BRVK	Borovyoye	50.16 341	P	16 55 56.9	-0.6	
BRVK	Borovyoye	50.16 341	P	16 55 56.9	-0.6	
BRVK	Borovyoye	50.16 341	P	16 55 56.9	-0.6	
BRVK	Borovyoye	50.16 341	P	16 55 56.2	-1.3	
BRVK	Borovyoye	50.16 341	P	16 55 55.9	-1.7	
BRVK	Borovyoye	50.16 341	IAMB	IAMB	16 56 05.2	
JSD	Sado	50.32 45	iP	16 55 59.4	+0.3	
JSD	Sado	50.32 45	IAMB	16 55 57.6	-1.5	
JSD	comp=Z,291nm,1.2s	IAMB	IAMB	16 56 21.4		
ATD	Arta Tunnel	51.13 279	LR	17 14 39.9		
ATD	Arta Tunnel	51.13 279	LR	17 14 39.9		
ATD	Arta Tunnel	51.13 279	P	16 56 08.9	+3.3	
AB31	Akbulak array	51.32 332	iP	16 56 05.3	-1.1	
ABKAR	Akbulak array	51.32 332	iP	16 56 05.8	-0.6	
ABKAR	Akbulak array	51.32 332	P	16 56 05.5	-0.8	
ABKAR	Akbulak array	51.32 332	P	16 56 05.3	-1.0	
ABKAR	Akbulak array	51.32 332	IAMB	IAMB	16 56 15.0	
QIS	Mount Isa	52.02 123	P	16 56 10.9	-1.1	
JMM	Marumori	52.05 47	iP	16 56 12.2	+0.1	
JMM	Marumori	52.05 47	P	16 56 09.7	-2.4	
JMM	comp=Z,370nm,1.2s	IAMB	IAMB	16 56 20.9		
KLR	Kul'dur	52.62 30	LR	17 22 59.7		
KLR	Kul'dur	52.62 30	eP	16 56 16.1	0.0	
KLR	comp=Z,26um,18.0s,baz=222,slow=41	Pmax	Pmax			
KLR	Kul'dur	52.62 30	eP	16 56 17.1	+0.1	
TEY	Ternei	52.75 37	iP	16 56 17.1	+0.1	
TEY	Ternei	52.75 37	eS	17 03 47.9	+3.3	
TEY	comp=N,10.0nm,1.0s	Pmax	Pmax			
TEY	Ternei	52.75 37	P	16 56 17.1	+0.1	
TEY	comp=E,10.0nm,1.3s	Pmax	Pmax			
TEND	Ethiopian Broa	52.94 280	eP	16 56 23.3	+4.2	
OPO	Ambohidratempo	53.02 241	P	17 03 59.1	+1.1	
OPO	comp=Z,31nm,0.9s,baz=61,slow=6.8,SNR=24	P	P	16 56 22.5	+2.8	
AKTO	Aktyubinsk	53.03 332	S	17 03 45.5	-2.8	
AKTO	Aktyubinsk	53.03 332	S	16 56 18.2	-0.9	
BOD	Bodaibo	53.10 13	eP	16 56 19.2	-0.2	
BOD	comp=Z,50nm,1.5s	Pmax	Pmax			
JTM	Tenmabayashi	53.49 43	iP	16 56 23.8	+1.1	
ZEA	Zeya	53.78 23	P	16 56 32.6	+0.5	
ZEA	Zeya	53.78 23	eS	17 04 02.9	+4.5	
ZEA	comp=N,10.0nm,0.9s	Pmax	Pmax			
ZEA	Zeya	53.78 23	P	16 56 31.2	+0.1	
ZEA	comp=Z,30nm,1.2s	Pmax	Pmax			
ZEA	comp=E,400nm,3.9s	Pmax	Pmax			
ZEA	comp=N,600nm,6.2s	Pmax	Pmax			
ZEA	comp=Z,1um,6.8s	Pmax	Pmax			
ZEA	comp=E,2um,18.0s	SMAX	SMAX			
ZEA	comp=E,19um,16.0s	MLR	MLR			
ZEA	comp=N,20um,14.0s	MLR	MLR			
ANKE	Ethiopia-Afar	54.21 277	eP	16 56 30.3	+1.4	
ANKE	Desse	54.28 279	iS	17 04 22.4	+1.6	
DESE	Desse	54.28 279	P	16 56 30.3	+1.0	
DESE	Desse	54.28 279	P	17 04 17.7	+1.1	
JEW	Eniwo	54.67 41	iP	16 56 26.1	-5.5	
MAK	Makhachkala	54.73 319	dIP	16 58 29.7		
MAK	Makhachkala	54.73 319	ePPP	16 59 39.8		
MAK	Makhachkala	54.73 319	eS	17 04 01.5	-10	
MAK	comp=Z,225nm,0.9s	Pmax	Pmax			
VOI	Vohitsoka	54.76 237	P	16 56 35.9	+3.6	
VOI	Vohitsoka	54.76 237	iP	16 56 35.5	+3.2	
VOI	Vohitsoka	54.76 237	P	16 56 34.1	+1.8	
VOI	Vohitsoka	54.76 237	IAMS_20	IAMS_20	17 15 58.8	
VOI	Vohitsoka	54.76 237	P	16 56 36.4	+4.0	
PMG	Port Moresby	54.91 106	P	16 56 31.3	-2.1	
PMG	comp=Z,234nm,1.1s	Pmax	Pmax			
PMG	Port Moresby	54.91 106	MLR	MLR		
PMG	Port Moresby	54.91 106	iP	16 56 32.1	-1.3	
PMG	Port Moresby	54.91 106	P	16 56 32.1	-1.3	
PMG	Port Moresby	54.91 106	IAMB	IAMB	16 56 52.1	
PMG	comp=Z,234nm,1.1s	P	P	16 56 33.0	-0.4	
PMG	Port Moresby	54.91 106	P	16 56 33.8	-0.6	
PMG	Port Moresby	54.91 106	P	16 56 32.8	-1.7	
AAE	Adis Abeba	55.19 276	eP	16 56 37.2	+1.4	
AAE	Adis Abeba	55.19 276	eS	17 04 36.3	+1.7	
FURI	Furi	55.28 276	iP	16 56 41.0	+4.5	

FURI	Furi	55.28 276	eP	16 56 41.9	+5.4	
FURI	Furi	55.28 276	eS	17 04 31.6	+1.1	
FURI	Furi	55.28 276	LR	17 23 18.4		
GNI	Garni	55.42 315	LR	17 23 18.4		
GNI	Garni	55.42 315	P	16 56 35.5	-1.4	
GNI	Garni	55.42 315	P	16 56 35.3	-1.6	
GNI	comp=Z,149nm,1.3s	Pmax	Pmax			
GNI	comp=Z,7um,22.0s	MLR	MLR			
GNI	Garni	55.42 315	P	16 56 36.8	-0.1	
GNI	Garni	55.42 315	iP	16 56 36.4	-0.5	
GNI	Garni	55.42 315	P	16 56 35.6	-1.3	
GNI	Garni	55.42 315	IAMB	IAMB	16 57 01.7	
ERM	Ermo	55.44 43	iP	16 56 37.1	+0.3	
ERM	comp=Z,196nm,1.0s	Pmax	Pmax			
ERM	Ermo	55.44 43	P	16 56 35.2	-1.6	
ERM	Ermo	55.44 43	IAMS_20	IAMS_20	17 23 09.9	
ERM	Ermo	55.44 43	P	16 56 40.2	+3.4	
ERM	Ermo	55.44 43	P	16 56 37.3	+0.5	
JEM	comp=Z,199nm,1.2s	IAMB	IAMB	16 57 06.1		
DILA	Dilla	55.79 273	eP	16 56 41.9	+1.9	
DILA	Dilla	55.79 273	eS	17 04 43.3	+1.6	
BBOO	Buckleboob	55.81 137	P	16 56 37.8	-1.8	
GRNR	Gorny	55.94 31	iP	16 56 40.9	+0.7	
GRNR	comp=N,9.0nm,1.2s	Pmax	Pmax			
GRNR	comp=E,2.0nm,1.2s	Pmax	Pmax			
GRNR	comp=Z,20nm,1.0s	Pmax	Pmax			
GRNR	comp=N,1.0nm,1.2s	SMAX	SMAX			
GRNR	comp=E,12um,14.0s	MLR	MLR			
GRNR	comp=N,18um,12.0s	MLR	MLR			
GRNR	comp=Z,31um,13.0s	MLR	MLR			
GROC	Groznyy	55.96 318	eP	16 56 38.7	-1.8	
GROC	Groznyy	55.96 318	ePPP	16 57 37.6		
GROC	Groznyy	55.96 318	Pmax	16 59 57.4		
ASAJ	Asahikawa	55.99 40	P	16 56 38.7	-2.0	
ASAJ	comp=Z,587nm,1.4s	Pmax	Pmax			
JKA	Kamikawa-asahi	56.00 40	P	16 56 38.6	-2.1	
JKA	Kamikawa-asahi	56.00 40	P	16 56 36.2	-4.6	
SIRT	Sirnak	56.15 311	P	16 56 41.0	-1.1	
SVE	Sverdlovsk	56.50 338	eP	16 56 43.7	-0.4	
SVE	Sverdlovsk	56.50 338	eS	17 04 34.8	0.0	
SVE	Sverdlovsk	56.50 338	Pmax	17 08 10.7		
SVE	comp=Z,817nm,1.3s	Pmax	Pmax			
SVE	comp=Z,18um,20.0s	MLR	MLR			
KARS	Kars	56.77 315	P	16 56 45.5	-1.1	
KARS	Kars	56.77 315	Pmax	16 56 45.5	-1.1	
KARS	Kars	56.77 315	P	16 56 45.5	-1.1	
GURO	Guroymak-BITLI	56.79 312	P	16 56 45.8	-0.9	
ARU	Arti	56.99 337	LR	17 24 00.5		
ARU	Arti	56.99 337	P	16 56 45.7	-1.9	
ARU	Arti	56.99 337	P	16 57 36.5		
ARU	Arti	56.99 337	PPP	16 58 52.2		
ARU	Arti	56.99 337	S	17 00 08.2		
ARU	Arti	56.99 337	S	17 04 41.7	+0.5	
ARU	Arti	56.99 337	Pmax	17 06 37.8		
ARU	comp=Z,269nm,1.4s	Pmax	Pmax			
ARU	Arti	56.99 337	MLR	MLR		
ARU	Arti	56.99 337	iP	16 56 46.3	-1.3	
ARU	Arti	56.99 337	P	16 56 46.0	-1.6	
ZEI	Tsey	57.05 317	eP	16 56 46.4	-0.2	
ZEI	Tsey	57.05 317	Pmax	16 56 46.4	-0.2	
KIBK	Kibwezi	57.06 263	P	16 56 52.1	+3.2	
KIBK	Kibwezi	57.06 263	P	16 56 50.1	+1.1	
ONI	Oni	57.27 317	P	16 56 49.1	-0.9	
ONI	Oni	57.27 317	Pmax	16 56 49.1	-0.9	
ONI	Oni	57.27 317	P	16 56 49.1	-0.9	
YSS	Yuzh-Sakhalins	57.41 37	eP	16 56 50.5	-0.2	
YSS	Yuzh-Sakhalins	57.41 37	eSP	16 56 58.8	+0.2	
YSS	Yuzh-Sakhalins	57.41 37	P	16 56 50.8	-1.1	
YSS	Yuzh-Sakhalins	57.41 37	e	16 59 00.0		
YSS	Yuzh-Sakhalins	57.41 37	eS	17 04 43.3	-3.7	
YSS	Yuzh-Sakhalins	57.41 37	e'SS	17 05 00.0	+5.6	
YSS	comp=Z,160nm,1.3s	Pmax	Pmax			
YSS	comp=Z,300nm,3.7s	Pmax	Pmax			
YSS	comp=E,300nm,6.9s	SMAX	SMAX			
YSS	comp=N,20um,14.0s	MLR	MLR			
YSS	comp=Z,19um,14.0s	MLR	MLR			
YSS	Yuzh-Sakhalins	57.41 37	iP	16 56 51.0	+0.3	
YSS	Yuzh-Sakhalins	57.41 37	P	16 56 50.1	-0.7	
YSS	Yuzh-Sakhalins	57.41 37	P	16 56 52.6	+1.9	
CTAO	Charters Tower	57.50 119	P	16 56 49.3	-2.5	
CTAO	Charters Tower	57.50 119	P	16 56 50.8	-1.1	
NCK	Nalchik	57.54 318	iP	16 56 51.0	-0.8	
NCK	comp=Z,100nm,1.1s	Pmax	Pmax			
KMBO	Kilima Mbogo	57.65 264	P	16 56 55.2	+	

LVV	comp-Z,500nm,1.5s		pmax	pmax		
DRO	Drossia	72.26 308	P	P	16 58 26.0	-1.8
EV	Evrantia	72.27 309	P	P	16 58 26.2	-1.8
GZR	Gura Zlata	72.34 315	P	P	16 58 27.5	-0.7
LHI	Lord Howe Isla	72.38 126	P	P	16 58 29.0	+0.5
RLS	Riolos of Patr	72.46 308	P	P	16 58 27.5	-1.4
PVO	Paravola	72.47 308	P	P	16 58 28.0	-1.0
MESR	Mesessen	72.49 317	P	P	16 58 28.9	-0.1
HERR	Herculano	72.53 315	P	P	16 58 28.9	+0.7
DRGR	Draculano	72.60 317	P	P	16 58 29.1	-0.6
LVZ	Lovozero	72.66 340	eP	P	16 58 28.4	-1.2
LVZ	comp-Z,106nm,1.3s		pmax	pmax		
LVZ	comp-Z,17um,19.0s		MLR	MLR		
LVZ	Lovozero	72.66 340	P	IAMB	16 58 28.0	-1.6
LVZ	comp-Z,227nm,0.9s		IAMB	IAMB	16 58 55.8	
LVZ	comp-Z,17um,20.0s		IAMS_20	IAMS_20	17 33 14.2	
VSU	Vasula	72.67 329	eP	P	16 58 29.6	-0.1
VSU	Vasula	72.67 329	iP	P	16 58 28.6	-1.1
VSU	Vasula	72.67 329	P	P	16 58 29.1	-0.6
VU		72.92 318	P	pP	16 58 30.6	+5.0
VU		72.92 318	P	sP	16 58 31.9	-4.2
KPRO	Kipourio	72.72 310	P	P	16 58 27.0	-3.5
FNA	Florina	72.79 310	P	P	16 58 28.6	-2.4
FNA	Florina	72.79 310	P	P	16 58 28.6	-2.4
FNA	comp-Z,81nm,0.9s		pmax	pmax		
FNA	Florina	72.79 310	iP	P	16 58 28.9	-2.0
FNA	Florina	72.79 310	P	P	16 58 28.9	-2.0
FNA	Florina	72.79 310	P	P	16 58 28.6	-2.4
BOVS	Bovan	72.87 313	P	P	16 58 30.0	-1.2
TRPA	Tarpa	72.92 318	P	P	16 58 30.6	-0.9
TRPA	Tarpa	72.92 318	eP	P	16 58 30.9	-0.5
LTHK	Lithakia	72.93 307	P	P	16 58 29.3	-2.4
APA	Apafity	72.95 339	iP	P	16 58 30.1	-1.2
NEST	Nestorio	73.00 310	P	P	16 58 29.7	-2.6
NEST	Nestorio	73.00 310	P	P	16 58 30.5	+0.3
NYDR	Nydrif-Lefkada	73.12 308	P	P	16 58 30.4	-2.4
EVGI	Lefkada island	73.14 308	P	P	16 58 31.1	-1.9
LKD2	Lefkada island	73.16 308	P	P	16 58 31.6	-1.5
PSDA	Pessada-Kefalo	73.16 308	P	P	16 58 31.1	-2.0
UZH	Uzhgorod	73.16 319	eP	P	16 58 32.6	+0.3
UZH			e		16 58 33.0	
UZH			e		16 58 51.5	
UZH			e		17 01 15.7	
UZH			ePPP	PPP	17 02 57.3	
UZH			eS	PPP	17 07 57.5	-2.6
UZH			eS	PPP	17 08 39.5	+7.0
UZH			eS	pS	16 58 32.2	-0.8
TSLK	Tsoukalades, L	73.16 308	P	P	16 58 31.9	-1.2
BZS	Buzias	73.18 316	iP	P	16 58 31.9	-1.2
DRAG	Dragano-Lefkada	73.21 308	P	P	16 58 31.7	-1.7
KOLS	Kolonickie sedl	73.22 319	eP	P	16 58 33.4	+0.1
KOLS	Kolonickie sedl	73.22 319	eP	P	16 58 33.4	+0.1
KOLS	Kolonickie sedl	73.22 319	eS	SKIKP	17 08 00.0	+3.2
KBN	Korca	73.22 310	P	P	16 58 31.0	-2.5
KBN	comp-Z,121nm,1.1s		pmax	pmax		
KBN	Korca	73.22 310	P	P	16 58 30.9	-2.5
SIRR	Siria	73.24 316	iP	P	16 58 33.2	-0.2
OHR	Ohrid	73.26 311	iP	P	16 58 31.5	-2.2
KEF4	Livadi, Keph	73.30 308	P	P	16 58 31.9	-2.0
LSK	Leskovik	73.32 310	P	P	16 58 32.5	-1.6
DMLN	Damoulianiata-K	73.33 308	P	P	16 58 32.9	-1.3
KEF3	Kipouria, Keph	73.35 308	P	P	16 58 32.2	-0.2
PABE	Paberze	73.42 326	eP	P	16 58 34.0	-0.2
PABE	Paberze	73.42 326	P	P	16 58 32.3	-1.9
IGT	Igoumenitsa	73.47 309	P	P	16 58 32.7	-2.2
SUW	Suwalki	73.56 324	eP	P	16 58 35.0	-0.6
SUW			eS	sP	16 58 41.0	-0.4
SUW			eS	SKIKP	17 08 06.2	+1.1
SUW			eL	L	17 35 13.9	
SUW	comp-Z,6um,22.7s					
SUW	Suwalki	73.56 324	P	P	16 58 34.6	-0.5
SUW	Suwalki	73.56 324	P	P	16 58 33.3	-1.8
SUW	comp-Z,1um,1.2s		pmax	pmax		
SUW	Suwalki	73.56 324	P	P	16 58 33.2	-1.8
PHP	Peshkopia	73.58 311	P	P	16 58 32.9	-2.7
CRVS	Cervenica-Dubn	73.74 319	eP	P	16 58 37.2	+0.8
CRVS	comp-Z,806nm,1.3s		pmax	pmax		
CRVS	Cervenica-Dubn	73.74 319	eP	P	16 58 37.2	+0.8
CRVS	Cervenica-Dubn	73.74 319	eS	S	17 08 13.9	+7.1
SRN	Sarande	73.75 309	P	P	16 58 33.8	-2.8
FIA1	FINESS Array S	73.80 332	P	P	16 58 35.0	-1.3
FINES	FINESS Array B	73.80 332	P	P	16 58 35.0	-1.3
FINES	comp-Z,42nm,0.6s,baz=39,slow=6.6,SNR=104		LR	LR	17 35 28.4	
CASY	Casey	73.84 173	P	P	16 58 37.3	+0.9
CASY	Casey	73.84 173	P	P	16 58 37.3	+0.9
CASY	Casey	73.84 173	P	P	16 58 36.1	+0.3
CASY	comp-Z,254nm,1.2s		IAMB	IAMB	16 58 57.8	
KEK	Kerkira	73.90 309	P	P	16 58 36.1	-1.3
STHS	Stebnicka Huta	73.93 313	eP	P	16 58 37.0	-0.3
STHS	Stebnicka Huta	73.93 313	eP	P	16 58 37.3	-0.3
TIR	Tirane	73.98 311	iP	P	16 58 36.8	-1.1
TIR	Tirane	73.98 311	P	P	16 58 36.1	-1.8
TIR	comp-Z,169nm,1.2s		pmax	pmax		
TIR	Tirane	73.98 311	iP	P	16 58 36.7	-1.2
TIR	Tirane	73.98 311	P	P	16 58 36.1	-1.8
TIR	Tirane	73.98 311	P	IAMB	16 58 51.9	
PUK	Puka	74.03 312	P	P	16 58 35.7	-2.5
DIVS	Divibare	74.15 314	iP	P	16 58 32.7	-2.7
DIVS	Divibare	74.15 314	iP	P	16 58 37.2	-1.7
DIVS	Divibare	74.15 314	P	pP	16 58 37.8	-5.8
DIVS	Divibare	74.15 314	P	P	16 58 36.7	-2.2
VLO	Vlora	74.19 310	P	P	16 58 37.2	-1.9
VLO	comp-Z,286nm,1.5s		pmax	pmax		
VLO	Vlora	74.19 310	P	P	16 58 37.2	-1.9
VLO	comp-Z,286nm,1.5s		IAMB	IAMB	16 58 59.0	
MTSE	Metsula	74.21 329	eP	P	16 58 38.8	0.0
KECS	Kecovo	74.33 318	eP	P	16 58 39.6	-0.1
KECS	comp-Z,103nm,1.4s		pmax	pmax		
KECS	Kecovo	74.33 318	eP	P	16 58 39.6	-0.1
FRGS	Fruska Gora	74.39 315	iP	P	16 58 39.9	-0.9
FRGS	Fruska Gora	74.39 315	iP	P	16 58 37.8	-2.4
TEKS	Tekeris	74.53 314	eP	P	16 58 39.7	-1.3
PDG	Podgorica	74.53 312	iP	P	16 58 39.8	-1.2
PDG	Podgorica	74.53 312	iP	P	16 58 39.4	-1.6
PDG	Podgorica	74.53 312	iP	P	16 58 39.5	-1.5
PDG	Podgorica	74.53 312	iP	P	16 58 39.6	-1.5
PDG	Podgorica	74.53 312	iP	P	16 58 43.1	+2.1
PDG	Podgorica	74.53 312	iP	pP	16 58 48.3	+2.7
PDG	Podgorica	74.53 312	iP	P	16 58 39.0	-2.0
PDG	Podgorica	74.53 312	iP	IAMB	16 59 01.3	
BBL5	Lazi#263i	74.55 314	iP	P	16 58 40.5	-0.7
RUDO	Rudo	74.55 313	eP	P	16 58 39.8	-1.4
DRME	Dracevica, Mon	74.56 312	iP	P	16 58 39.7	-1.6
NIE	Niedzica	74.57 319	eP	pWP	16 58 42.0	+0.8
NIE			eP	L	16 58 49.2	+0.5
NIE			eL	L	17 39 13.4	
BEL	Belsk	74.61 322	eP	P	16 58 41.6	+0.3
BEL			eP	pWP	16 58 48.1	-0.6
BEL			eL	L	17 38 14.1	
PSZ	Piszkesteto	74.65 318	iP	P	16 58 41.5	-0.3
PSZ	Piszkesteto	74.65 318	eP	P	16 58 40.7	-1.0
PSZ	Piszkesteto	74.65 318	P	P	16 58 40.4	-1.3
PSZ	comp-Z,129nm,1.0s		pmax	pmax		
PSZ	comp-Z,4um,21.0s		MLR	MLR		
PSZ	Piszkesteto	74.65 318	iP	P	16 58 41.1	-0.5
PSZ	Piszkesteto	74.65 318	iP	P	16 58 41.2	-0.5

PSZ	Piszkesteto	74.65 318	P	P	16 58 40.4	-1.3
PBUR	Paburge	74.65 326	eP	P	16 58 41.3	-0.1
SLIT	Slitere, Latvi	74.77 328	eP	P	16 58 41.7	-0.4
HAPS	Han Pjiesak,BI	74.90 314	eP	P	16 58 42.7	-0.6
SCTE	Santa Cesarea	74.94 310	P	P	16 58 41.9	-1.6
SCTE	comp-Z,252nm,1.0s		IAMB	IAMB	16 58 56.9	
OJC	Ojcow	75.00 320	eP	P	16 58 43.3	-0.3
OJC	Ojcow	75.00 320	eP	pWP	16 58 51.0	0.0
OJC	Ojcow	75.00 320	eS	L	17 08 20.9	+0.1
OJC	comp-Z,5um,18.7s		eL	L	17 40 20.5	
OJC	Ojcow	75.00 320	P	pmax	16 58 42.5	-1.1
OJC	Ojcow	75.00 320	P	pmax	16 58 42.5	-1.1
OJC	comp-Z,268nm,0.9s		P	IAMB	16 58 42.5	-1.1
OJC	Ojcow	75.00 320	P	IAMB	16 59 09.6	
LANS	Liptovska Anna	75.08 319	eP	P	16 58 44.5	+0.4
LANS	comp-Z,67nm,1.1s		pmax	pmax		
LANS	Liptovska Anna	75.08 319	eP	P	16 58 44.5	+0.4
HCV	Hercovo Novi	75.09 312	eP	P	16 58 42.4	-1.9
BRY	Bratogost	75.10 312	eP	P	16 58 42.9	-1.6
BUD	Budapest	75.18 317	eP	P	16 58 38.4	-6.3
TRUJ	Trubnje	75.22 312	eP	P	16 58 47.0	+1.1
BOSA	Bosof	75.31 238	P	P	16 58 47.0	+1.1
BOSA	comp-Z,55nm,0.8s,baz=80,slow=5.3,SNR=103		LR	LR	17 29 48.5	
BOSA	Bosof	75.31 238	P	P	16 58 46.8	+0.8
BOSA	comp-Z,273nm,1.1s		pmax	pmax		
BOSA	Bosof	75.31 238	eP	P	16 58 48.0	+2.0
BOSA	Bosof	75.31 238	eP	P	16 58 48.0	+2.0
BOSA	Bosof	75.31 238	P	IAMB	16 58 46.8	+0.8
BOSA	Bosof	75.31 238	P	IAMB	16 59 05.5	
MORH	Mirgy, Hungar	75.31 316	iP	P	16 58 44.1	-1.4
MORH	Mirgy, Hungar	75.31 316	e			

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Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like M26K Nabesna, AK, KIC Kosai, AK, BMRM Bremner River, etc.

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Table with columns: Name, Date, Time, Status, Location, and various numerical values. Includes entries like HAWA Hanford, H04A Detroit Lake, E08A Dider Farm, etc.

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Table with columns: Name, Date, Time, Status, Location, and various numerical values. Includes entries like NVAR Mina Array, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, etc.

Table with columns: PFO, Pinyon Flats O, 130.23, 34, P, PKIKP, 17 06 14.1 +0.1, etc. Lists various locations and their associated data points.

Table with columns: R40A Maddies Statio, 134.69, 7, PKPpdf, 17 06 20.1 -1.2, etc. Lists various locations and their associated data points.

Table with columns: LLO3 Petrohue, 143.87, 197, PKPpdf, 17 06 37.1 -0.8, etc. Lists various locations and their associated data points.

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BVAR	Borovyoye Array	50.14 341	P	P	17 08 16.1	-0.1
BRVK	Borovyoye	50.21 341	P	P	17 08 16.2	-0.5
BRVK	Borovyoye	50.21 341	P	P	17 08 15.7	-1.0
BRVK			Iamb	Iamb	17 08 24.9	
ATD	Arta Tunnel	51.37 279	P	P	17 08 28.2	+2.0
AB31	Akbulak array	51.41 331	P	P	17 08 25.6	-0.2
ABKAR	Akbulak array	51.41 331	P	P	17 08 25.1	-0.7
KLR	Kul'dur	52.48 30	P	P	17 08 35.1	+1.3
KLR	Kul'dur	52.48 30	P	P	17 08 33.7	-0.1
BOD	Bodaibo	53.01 13	eP	P	17 08 38.0	+0.4
BOD			pmx	pmx		
AKTO	Aktyubinsk	53.12 331	P	P	17 08 38.2	-0.3
OPO	Ambohidratompo	53.24 241	P	P	17 08 41.7	+1.6
ZEA	Zeya	53.66 23	eP	P	17 08 45.2	+2.8
ZEA			pmx	pmx		
ZEA			pmx	pmx		
PMG	Port Moresby	54.68 107	P	P	17 08 49.5	-1.0
PMG			pmx	pmx		
PMG	Port Moresby	54.68 107	P	P	17 08 49.5	-1.0
PMG			Iamb	Iamb	17 09 02.7	
MAK	Makhachkala	54.87 319	eP	P	17 08 43.8	-7.6
MAK			eS	S	17 16 22.7	-8.8
MAK			pmx	pmx		
GNI	Garni	55.57 315	P	P	17 08 56.3	-0.4
GNI	Garni	55.57 315	P	P	17 08 54.6	-2.2
GNI			pmx	pmx		
GNI	Garni	55.57 315	P	P	17 08 54.7	-2.0
GNI			Iamb	Iamb	17 09 00.4	
BBOO	Buckleboo	55.66 138	P	P	17 08 57.3	0.0
SIRT	Sirtak	56.30 311	P	P	17 08 59.6	-2.3
SVE	Sverdlovsk	56.57 338	eP	P	17 09 03.6	+0.2
SVE			pmx	pmx		
GURO	Guroymak-BITLI	56.95 312	P	P	17 09 05.6	-1.1
ARU	Arti	57.06 337	P	P	17 09 06.8	-0.1
ARU	Arti	57.06 337	P	P	17 09 06.1	-0.8
ARU			S	S	17 17 03.4	+3.2
ARU			SS	SS	17 20 55.8	+6.7
ARU			pmx	pmx		
ARU	Arti	57.06 337	P	P	17 09 05.5	-1.4
ARU			Iamb	Iamb	17 09 08.4	
ZEI	Tsey	57.19 317	eP	P	17 09 06.9	-1.4
ZEI			pmx	pmx		
YSS	Yuzh-Sakhalins	57.24 37	eP	P	17 09 07.3	-1.0
YSS			pmx	pmx		
YSS	Yuzh-Sakhalins	57.24 37	P	P	17 09 06.9	-1.4
KMBO	Kilima Mbogo	57.89 264	P	P	17 09 15.8	+2.0
KMBO	Kilima Mbogo	57.89 264	P	P	17 09 16.7	+2.9
KMBO			pmx	pmx		
KMBO	Kilima Mbogo	57.89 264	P	P	17 09 14.0	+0.2
KMBO			Iamb	Iamb	17 09 18.7	
HTT	Hallett	57.97 137	P	P	17 09 13.7	-0.1
KBZ	Khabaz	58.24 318	P	P	17 09 14.6	-0.8
KBZ	Khabaz	58.24 318	P	P	17 09 12.8	-2.6
KBZ			pmx	pmx		
QLP	Quilpie	58.35 127	P	P	17 09 15.9	+0.4
SHAT	Shidzhatmaz	58.40 318	P	P	17 09 15.1	-1.7
KIV	Kislovodsk	58.47 318	eP	P	17 09 15.4	-1.7
KIV			pmx	pmx		
KIV	Kislovodsk	58.47 318	P	P	17 09 15.7	-1.5
KIV			MLR	MLR	17 09 17.8	
KIV	Kislovodsk	58.47 318	P	P	17 09 15.7	-1.5
KIV			Iamb	Iamb	17 09 17.8	
STKA	Stevens Creek	58.98 134	P	P	17 09 20.8	0.0
STKA	Stevens Creek	58.98 134	P	P	17 09 20.0	-0.8
STKA	Stevens Creek	58.98 134	P	P	17 09 19.5	-1.2
STKA			pmx	pmx		
STKA	Stevens Creek	58.98 134	P	P	17 09 19.5	-1.2
STKA	Jabal al Asfar	59.26 303	P	P	17 09 22.8	-0.1
BELG	Belogoroye	59.48 329	P	P	17 09 23.1	-0.7
BELG	Ghor Haditha	60.20 302	P	P	17 09 27.8	-1.4
GHAJ	GHAJ	60.20 302	P	P	17 09 27.8	-1.4
YAK	Yakutsk	60.78 18	eP	P	17 09 31.9	-0.6
YAK	Yakutsk	60.78 18	eP	P	17 09 31.1	+0.5
YAK			pmx	pmx		
YAK			pmx	pmx		
YAK			pmx	pmx		
YAK	Yakutsk	60.78 18	P	P	17 09 32.0	-0.6
CMSA	Cobar Meteorol	61.81 131	P	P	17 09 40.6	+0.5
RMQ	Roma	61.95 125	P	P	17 09 41.5	+0.3
VRH	Novokhopovsk	62.10 325	eP	P	17 09 40.3	-1.4
KIRV	Kirov	62.18 335	P	P	17 09 41.9	-0.3
NRIK	Noril'sk	62.59 357	P	P	17 09 44.2	-0.5
NRIK	Noril'sk	62.59 357	P	P	17 09 43.9	-0.8
NRIK			pmx	pmx		
NRIK	Noril'sk	62.59 357	P	P	17 09 43.9	-0.8
NRIK			Iamb	Iamb	17 09 57.0	
CSS	Mathiatis	62.74 306	P	P	17 09 46.9	+0.5
CSS			Iamb	Iamb	17 09 48.4	
VORD	Divnogorie	63.39 324	eP	P	17 09 46.8	-3.5
VORD			pmx	pmx		
BR131	Keskin Array S	63.54 311	P	P	17 09 49.7	-2.0
BR131			pmx	pmx		
BR131	Keskin Array S	63.54 311	P	P	17 09 49.7	-2.0
BR131			Iamb	Iamb	17 09 51.9	
BRTR	Keskin Array B	63.54 311	P	P	17 09 50.0	-1.8
BRTR	Keskin Array B	63.54 311	P	P	17 09 49.5	-2.3
BRTR			pmx	pmx		
BRTR	Keskin Array B	63.54 311	P	P	17 09 49.4	-2.3
VSR	Storozhevoye	63.56 325	eP	P	17 09 47.3	-4.2
VSR			pmx	pmx		
BZK	Bozkurt	63.83 314	P	P	17 09 51.2	-2.2
ANTO	Ankara	64.20 311	P	P	17 09 54.1	-2.0
ANTO			pmx	pmx		
ANTO	Ankara	64.20 311	P	P	17 09 54.1	-2.0
ANTO			Iamb	Iamb	17 09 56.1	
BR231	Keskin MP Arra	64.21 311	P	P	17 09 54.8	-1.4

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BR231			Iamb	Iamb	17 09 57.2	
LPSR	Galich'ya Gora	64.26 326	eP	P	17 09 54.9	-1.1
LPSR			pmx	pmx		
MBAR	Mbarara	64.26 266	P	P	17 09 58.2	+1.2
MBAR	Mbarara	64.26 266	P	P	17 09 56.1	-0.9
MBAR			pmx	pmx		
MBAR	Mbarara	64.26 266	P	P	17 09 56.1	-0.9
MBAR			Iamb	Iamb	17 10 00.4	
TOO	Toolangi	64.71 137	P	P	17 10 00.7	+1.4
PRGR	Pergomog	65.51 337	eP	P	17 10 02.7	-1.3
PRGR			e/SP	pP	17 10 09.3	-1.0
PRGR			e		17 10 30.0	
ISP	Isparta	65.51 308	P	P	17 10 03.2	-1.4
ISP			pmx	pmx		
ISP	Isparta	65.51 308	P	P	17 10 03.2	-1.4
ISP			Iamb	Iamb	17 10 06.6	
MDUB	Mudurnu	65.53 311	P	P	17 10 03.2	-1.5
ELL	Elmalı	65.50 307	P	P	17 10 05.6	-1.0
ELL			pmx	pmx		
ELL	Elmalı	65.50 307	P	P	17 10 05.6	-1.0
CAN	Canberra	66.05 133	P	P	17 10 07.8	-0.2
CAN			pmx	pmx		
CAN	Canberra	66.05 133	P	P	17 10 07.8	-0.2
CAN			Iamb	Iamb	17 10 10.8	
MOS	Moscow	66.25 329	eP	P	17 10 08.1	-0.8
MOS			pmx	pmx		
CNB	Canberra Magne	66.31 133	P	P	17 10 11.6	+1.9
CNB			pmx	pmx		
OBN	Obninsk	66.55 328	P	P	17 10 09.1	-1.7
OBN			i	i	17 10 16.9	
OBN			i	i	17 10 39.4	
OBN			i	i	17 12 39.9	
OBN			pmx	pmx		
OBN	Magadan	66.55 328	P	P	17 10 09.5	-1.3
MA2	Magadan	67.41 27	P	P	17 10 17.6	+1.4
MA2	Magadan	67.41 27	P	P	17 10 16.2	0.0
MA2			pmx	pmx		
MA2	Magadan	67.41 27	P	P	17 10 16.0	-0.2
KLMR	Klimovskoe	67.63 334	eP	P	17 10 14.7	-2.8
KLMR			pmx	pmx		
KLMR	Klimovskoe	67.63 334	eP	P	17 10 14.8	-2.8
KLMR			AMP		17 10 18.1	
BALB	Balikesir	67.87 310	P	P	17 10 18.2	-1.3
BALB			Iamb	Iamb	17 10 19.2	
TIXI	Tiksi	68.12 11	P	P	17 10 20.1	-0.3
TIXI			pmx	pmx		
TIXI	Tiksi	68.12 11	P	P	17 10 19.1	-1.3
TIXI			i	i	17 10 19.2	-1.3
TIRR	Tirgusor	68.39 315	P	P	17 10 21.2	-1.5
TIRR			pmx	pmx		
TIRR	Tirgusor	68.39 315	P	P	17 10 21.2	-1.5
TIRR			pmx	pmx		
TIRR	Tirgusor	68.39 315	P	P	17 10 21.2	-1.5
TIRR			pmx	pmx		
TIRR	Tirgusor	68.39 315	P	P	17 10 22.1	-1.5
PETK	Petrovlovsk	68.50 35	P	P	17 10 22.1	-1.1
PETK			pmx	pmx		
PETK	Petrovlovsk	68.50 35	P	P	17 10 22.1	-1.1
MLM	Milestii Mici	68.65 318	P	P	17 10 23.0	-1.3
CFR	Carcaiu	68.73 316	P	P	17 10 24.1	-0.7
HARR	Harsova	68.77 315	P	P	17 10 25.2	+0.2
SORM	Soroca	69.24 319	P	P	17 10 27.0	-0.8
AKASO	Malin Array Be	69.32 322	P	P	17 10 26.7	-1.6
AKASO	Malin Array Si	69.32 322	P	P	17 10 26.6	-1.7
AKBB	AKBB		pmx	pmx		
AKBB	Malin Array Si	69.32 322	P	P	17 10 26.6	-1.7
AKBB	Malin Array Si	69.32 322	P	P	17 10 26.6	-1.7
ALN	Alexandroupoli	69.46 311	P	P	17 10 28.4	-1.0
ALN			pmx	pmx		
ALN	Alexandroupoli	69.46 311	P	P	17 10 28.4	-1.0
ALN			Iamb	Iamb	17 10 29.5	
LSZ	Lusaka	69.48 251	P	P	17 10 30.2	+0.1
RAZO	Razgrad	69.56 314	P	P	17 10 32.0	0.0
SEY	Seymchan	69.62 24	P	P	17 10 30.9	

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like TREC, SOKA, JETT, OBKA, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like STU, VSL, KEST, BFO, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like BDFB, PLCA, ITOB, CPUP, etc.

MOS 08 17:05:29.2 0.9, 48.13N:155.26E, h7km, mb4.6/1, Error ellipse: s-maj=17.7km s-min=5.2km az=72.3

SKHL 08 17:05:34.2 1.0, 48.20N:155.30E, h52km, mb4.4/4

KRSC 08 17:05:34.2 1.0, 48.20N:155.30E, h16km, mb2.6km, ML4.4

IDC 08 17:05:34.2 1.0, 48.20N:155.30E, h57km, mb3.7/10, mb1 3.9/14, mb1mx3.6/75, mbtmp4.0/14, ML3.4/4, Error ellipse: s-maj=26.6km s-min=17.1km az=122.0

ISC 08 17:05:34.9 0.8, 48.26N:0.08:155.2E:0.1, h43km, n72, c=1387/75, mb4.0/10, 1D, Kuril Islands

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

IDC 08 17:09:41.7 1.7, 6:80N-94:20E, h0km, mb3.7/7, mb1 3.7/9, mb1mx3.5/69, mbtmp3.6/9, ML3.5/2, Error ellipse: s-maj=17.6km s-min=18.2km az=59.0

ISC 08 17:09:45.1 1.3, 6:81N-94:2E:0.2, h21km, n12, c=134/9, mb3.8/7, Nicobar Islands region

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

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

IDC 08 17:12:36.7 0.6, 6:79N-94:64E, h0km, mb4.1/15, mb1 4.1/16, mb1mx3.9/63, mbtmp4.1/16, ML3.5/1, Error ellipse: s-maj=31.0km s-min=14.3km az=51.0

NEIC 08 17:12:40.0 1.3, 7:22N:0.10:95.0E:0.1, h10km, mb2km, mb4.5/18, Error ellipse: s-maj=23.2km s-min=15.4km az=247.0

ISC 08 17:12:42.7 0.6, 7:11N:0.09:95.0E:0.1, h35km, n61, c=145/63, mb4.3/40, Nicobar Islands region

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

TAP 08 17:14:39.5 24.27N:121.89E, h20km, ML2.8, B JMA 08 17:14:39.6 24.20N:121.84E, h28km, 1km, M2.1

ISC 08 17:14:39.6 0.9, 24:26N:0.10:121.92E:0.02, h18km, mb4km, n110, c=86/192, 2D, Taiwan

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details. Includes stations like PPI Padang Panjang, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details. Includes stations like BR131 comp=2.4,8nm,0.6s, BRTR Keskin Array B, KLMR Klimovskoe, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details. Includes stations like DAWY comp=2.7,3nm,0.9s, SEY Seychoman, DLBO comp=2.8,0nm,0.8s, etc.

NEIC 08 17:56:46.8z.2.6,51.27N.0.07z.173.01W.0.04, h1km,9km, Error ellipse: s-maj=10.0km s-min=3.4km az=166.0
AEIC 08 17:56:46.9z.2.8,51.31N.0.09z.173.05W.0.09, h2km,8km, ML3.8/18, mb4.0/10(NEIC), Error ellipse: s-maj=13.2km s-min=8.1km az=180.0

GUC 08 17:57:53.7z.0.7,31.74S.72.17W, h26km,5km, ML4.0
IDC 08 17:57:55.7z.1.1,31.79S.71.96W, h31km,5km, mb3.6/4, mb1.3/7.8, mb1mx3.5/38, mbtmp3.7/8, ML3.6/4, Error ellipse: s-maj=33.4km s-min=31.4km az=142.0
ISC 08 17:57:54.7z.1.0,31.74S.0.04z.72.17W.0.1, h25km,5km, n26, r195/30, mb3.9/4, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details. Includes stations like VA06 Catapilco, VA06 comp=E,6um,0.4s, CO06 Fray Jorge, etc.

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

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

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

Table with columns: SSB, NL, BJT, DRK, CHGR, BTX, MK31, MKAR, MAZ, SONM, SONM, KURB, KURK, WRA, ZALV, ASAR, BVAR, ABKAR, STKA, YAK, BR131, BRTR, TIXI, FINES, BOSHA, GERES, CLL, NB2, NOA, KEST, ESDC. Each row contains station name, frequency, power, and other technical details.

IDC 08 19:11:09.9.0.7.51.74N:173.30W, h0km, mb4.4/30, mb1.4/5/32, mb1mx4.4/63, mbtmp4.4/32, ML3.9/2, Error ellipse: s-maj=20.2km s-min=10.3km az=4.0
AEIC 08 19:11:2.2.51.43N:0.10:173.26W:0.06, h14km, 5km, ML4.1, mb4.4/60(AEIC), Error ellipse: s-maj=13.8km s-min=5.4km az=175.0

NEIC 08 19:11:15.7.1.4.51.65N:0.05:173.28W:0.07, h43km, 8km, Error ellipse: s-maj=8.5km s-min=3.5km az=217.0

ISC 08 19:11:15.1.0.5.51.63N:0.09:173.25W:0.04, h37km, n200, o092/200, mb4.5/61, 11C-18D, Andreonof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations and their coordinates and phases.

Table with columns: BARN, CTGM, LOGN, PUA, FYU, TOLK, EGAK, BMAR, SAWY, HYT, SKAG, INK, DLBC, YAK, TIXI, B08A, KLR, YBH, H11N2, H11N1, NEW, I07A, H1S1, H1S2, H1S3, USRK, MJAR, MAT, RES, BMN, MCMT, KVN, EGMT, NVAR, YHH, LCH, HVU, AHU, QJM, QST, PSUT, PDAR, PDAR, KSRP, PFO, O20A, NRK, ULM, SONM, HHC, HHC, TX31, TX32, TX32, TXAR, P40A, ZALV, FCAR, ARCES, ARCES, PLAL, KURBB, WMU, MK31, MK31, MKAR, MKAR, BVAR, BRV, ARK, FINES, KMI, KMI, KMI, NOA, TKM2, USP, ABKAR, ABKAR, LSA, KSH, KSH, KSH. Each row contains station name, frequency, power, and other technical details.

Table with columns: KSH, AKASA, AKBB, BRG, CHVC, OSTC, UPIC, PVCC, CFC, BGES, NKC, MORC, DOU, SORAC, VRAC, KRUC, KHC, JAVC, TRPA, GERES, KIV, KIV, BURAR, MOA, DRGR, VLDR, RETA, ARSA, WATA, MOTA, WTTA, DAVA, SQTA, DOPR, KBA, IZVR, SIRR, FETA, TLCR, SOKA, CFR, ABTA, MYKA, OBKA, TPGR, JUIR, ARR, BZS, HARR, GZR, TIRB, HUMR, PLVB, BOVS, VTRS, RDO, NVR, ALN, SRS, KNI, GRG, STKA, TRD, MAW, BOSA, BOSA. Each row contains station name, frequency, power, and other technical details.

BUI 08 19:14:45.7.0.0.6:88N:94:27E, h12km, mB5.2/35, mb4.6/49, mB5.4/56, m57.5/0/53
IDC 08 19:14:46.0.4.0.6:92N:0.02:94:72E:0.01, h25km, Mb1.4/9.30, ms1mx4.7/44, Error ellipse: s-maj=12.8km s-min=9.2km az=51.0

NEIC 08 19:14:47.4.2.2.6:98N:0.08:94:53E:0.09, h10km, 1km, mb5.1/41, Ms_20.5/151, Mwcs:6.0/3.0, Error ellipse: s-maj=16.1km s-min=12.3km az=244.0

MOS 08 19:14:47.6.1.3.6:94N:94:58E, h30km, mb5.2/27, MS4.9/10, Error ellipse: s-maj=11.9km s-min=6.0km az=101.8

DJA 08 19:14:48.7.1.2.7:N2:9'4E:, h14km, 8km, M5.0/35, mB5.4/24, mB5.0/35, MLV5.4/8, MW(mB)4.8/24, GCMT 08 19:14:50.0.3.0.6:95N:0.02:94:72E:0.01, h25km, MW5.6/113, Moment Tensor Solution: s49.658; s113.c166; Duration: 1s4 Moment tensor: Solution 1017 Nm; Mn-0.24; Mo-2.00; Mr-0.56; 2.17; Best double couple: M2.266400x1017 NP1.0e150.00000; s56.00000; lambda-172.00000; NP2.0e150.00000; s84.00000; lambda-35.00000; Principal axes: T 2.7430, P19.00000; Azm108.00000; N 0.2460, P155.00000, Azm226.00000; P -2.9860, P129.00000, Azm7.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

KLM 08 19:14:50.0.3.0.6:95N:0.02:94:72E:0.01, h25km, NEIC 08 19:14:51.0.6.3:94N:94:70E, h26km, Moment Tensor Solution: Duration: 2s8 Moment tensor: Solution 1017Nm; Mn-0.01; Mw-2.23; Ms-2.04; Mr-0.83; Msy:1.23; Mw-0.45; Fault plane solution: M2.72000x1017 NP1: 0e150.00000; s70.00000; lambda-179.00000; NP2: 0e159.00000; s89.00000; lambda-20.00000; Principal axes: T 2.7121, P14.00000, Azm106.00000; N 0.0171, P170.00000, Azm238.00000; P -2.7292, P15.00000, Azm13.00000;

ISC 08 19:14:48.1.0.6:92N:0.04:94:54E:0.04, h13km, 3km, nB4.1/88, mB5.0/71, MS5.0/126, MS5.0/126, MS5.0/126, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations and their coordinates and phases.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Borovoye Array, ARta Tunnel, Akbulak array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Moscow, Obninsk, Klimovskoe, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like GEC2, GERES, KHC, etc.

comp=Z,1.6m,0.3s,baz=134,slow=1.3,SNR=5.2
SAML Samuel 157.85 263 IAMS_20 IAMS_20 20 30 23.0
LPAZ La Paz 160.62 240 PKP PKPdf 19 34 51.0 +1.4

IDC 08 19:23:12.2:11.0,6.229N:93.34E,h0km,mb3.6/4,
mb1 3.7/4,mb1mx3.4/40,mbtmp3.6/4, Error ellipse:
s-maj=590.3km s-min=31.4km az=59.0, Nicobar Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h m s, ISC. Rows include MKAR Makanchi Array, KURBB Kurchatov Arra, ZALV Zalesovo Beam, ASAR Alice Springs.

IDC 08 19:25:38.7:1.0,6.82N:94.41E,h0km,mb3.8/12,
mb1 3.9/14,mb1mx3.7/41,mbtmp3.7/14,ML3.7/2, Error
ellipse: s-maj=42.7km s-min=16.0km az=56.0
NEIC 08 19:25:39.9:1.8,6.8N:0.1:94.4E:0.2,h10km,2km,
mb4.2/7, Error ellipse: s-maj=38.5km s-min=5.3km
az=231.0

ISC 08 19:25:42.6:0.7,6.9N:0.1:94.5E:0.1,h26km,n29,
r1504.26,mb4.0/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h m s, ISC. Rows include LHMI Lhok Sumawe, PSI Prapat, CMAR Chiang Mai Arr, H08S3 Diego Garcia H, H08S1 Diego Garcia H, NIL Nilore, KBL Kabul, MK31 Makanchi Array, MKAR Makanchi Array, KKAR Karatay Array, SONM Songoing Arra, KURBB Kurchatov Arra, KURK Kurchatov, WRA Warrangua Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ASAR Alice Springs, AS31 Alice Springs, BVAR Borovoye Array, ABKAR Abkukul array, STKA Stephens Creek, BRTR Keskin Array B, FINES FINESS Array B, GERES GERESS Array B, ESDC Sonseca Array.

IDC 08 19:33:34.4:16.0,6.62N:93.76E,h0km,mb3.4/3,
mb1 3.5/3,mb1mx3.2/46,mbtmp3.4/3, Error ellipse:
s-maj=873.7km s-min=33.6km az=60.0, Nicobar Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h m s, ISC. Rows include H08S3 Diego Garcia H, H08S2 Diego Garcia H, H08S1 Diego Garcia H, MKAR Makanchi Array, ZALV Zalesovo Beam, ASAR Alice Springs.

IOC 08 19:43:32.0:0.6,9.07N:71.41W,h10km,mb4.3
IDC 08 19:43:32.0:0.6,8.54N:71.46W,h0km,mb3.9/12,
mb1 4.2/17,mb1mx4.0/36,mbtmp4.0/17,ML4.3/4, Error
ellipse: s-maj=148.4km s-min=8.7km az=155.0
NEIC 08 19:43:33.8:2.5,6.3N:0.0:71.4W:0.0,h10km,2km,
mb4.1/8, Error ellipse: s-maj=8.0km s-min=6.2km
az=122.0

FUNOV 08 19:43:34.4:8.48N:71.52W,h4km,MLV3.8
ISC 08 19:43:32.9:1.2,8.54N:0.02:71.45W:0.02,h4km,7km,
n128,r187/176,mb3.9/13,1C-1D,Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h m s, ISC. Rows include SOCV Socops, SDV Santo Domingo, SDV Santo Domingo, SDV Capacho, SDV Pamplona, COLO, SDV Machiques, SDV Ocaña, SDV Ocaña, SDV Tame, Arauca, SDV Tame, Arauca, SDV La Loma 1 Cana, SDV Eiorza, SDV Eiorza.

comp=Z,6.0m,0.5s
EIOV Eiorza 2.48 128 eP Pn 19 44 15.1 +1.0
EIOV Otavalo 19 44 44.9 +0.1
BARC Barichara 2.58 222 eP Pn 19 44 17.9 +2.2

SMLC San Martin de 2.60 276 eP Pn 19 44 15.9 +0.2
SMLC SMLC 19 44 52.5 +0.1
SMLC 19 44 54.0

BRRC Barranca, Sant 2.65 238 eP Pn 19 44 18.0 +1.5
BRRC 19 44 56.6 -1.5
BRRC 19 45 03.5

SIQV Siquisiqui 2.65 38 eP Pn 19 44 18.7 +2.1
SIQV 19 44 50.8 +1.6
RUSC La Rusia 3.08 212 eP Pn 19 44 24.2 +1.3
RUSC 19 45 10.1 -2.1
RUSC 19 45 13.5

URIC Uribia, Colomb 3.19 350 eP Pn 19 44 24.8 +0.9
URIC 19 45 01.1 -1.2
URIC 19 45 16.9

URIC Uribia, Colomb 3.19 350 eP Pn 19 44 23.0 -0.9
URIC 19 44 26.2 +1.8
MAPV MAPV 3.23 66 eP Pn 19 45 04.6 +1.3
MAUV MAUV 3.40 83 eP Pn 19 44 27.5 +0.8
BAUV BAUV 3.40 83 eP Pn 19 44 27.0 -0.3
LUV El Baul 3.40 83 eP Pn 19 44 26.0 -0.1
ZARC Zaragoza, Cauc 3.53 253 eP Pn 19 45 21.0 +0.4
ZARC 19 45 21.7 +2.5
ZARC 19 45 26.8

comp=Z,219nm,0.4s
ZARAGOZA, CAUC Jacura 3.53 253 eP Pn 19 44 29.2 +0.7
ZARAGOZA, CAUC Jacura 3.62 45 eP Pn 19 44 32.0 +2.1
JACV JACV 3.62 45 eP Pn 19 45 13.9 +0.9
SMRC Santa Marta, M 3.78 314 eP Pn 19 44 31.8 -0.2
SMRC 19 45 20.6 +3.7
SMRC 19 45 30.9

SPBC San Pablo de B 3.87 222 eP Pn 19 44 34.2 +0.9
SPBC 19 45 35.4 -1.9
SPBC 19 45 42.8

comp=Z,222nm,0.7s
SJCC San Jacinto, C 3.92 290 eP Pn 19 44 36.0 +2.0
SJCC 19 45 22.2 +1.7
SJCC 19 45 45.0

comp=Z,169nm,0.6s
SJCC San Jacinto, C 3.92 290 eP Pn 19 44 35.2 +1.3
TURV Turijamo 4.04 62 eP Pn 19 44 37.4 +1.7
TURV 19 45 23.3 0.0
BENV Beln 4.06 69 eP Pn 19 44 37.4 +1.5
BENV 19 45 23.8 -0.1
UREC San Jos de Ur 4.11 259 eP Pn 19 44 37.8 +1.2
UREC 19 45 40.7 -4.4
UREC 19 45 42.9

comp=Z,73nm,0.4s
MOTC Monteria, Cord 4.17 274 eP Pn 19 44 38.8 +1.5
MOTC 19 45 44.7 -2.3
MOTC 19 45 55.2

comp=Z,123nm,0.7s
MOTC Monteria, Cord 4.17 274 eP Pn 19 44 37.9 +0.5
PTGC Puerto Gaitan, 4.36 189 eP Pn 19 44 59.9 +3.3
PTGC 19 45 50.7 -2.5
PTGC 19 46 04.8

comp=Z,459nm,0.5s
CHIC Chingaza 4.49 210 eP Pn 19 44 43.7 +1.5
CHIC 19 45 34.6 -0.5
CHIC 19 46 02.0

NORC Norcasia 4.50 229 eP Pn 19 44 42.5 +0.6
NORC 19 45 40.4 -6.7
NORC 19 45 54.9

ROSC El Rosal 4.65 218 Pn 19 44 45.8 +1.5
ROSC 19 45 39.4 +0.6
ROSC 19 46 01.3

ROSC El Rosal 4.65 218 eP Pn 19 44 49.6 +2.6
ROSC 19 46 03.4 +1.0
ROSC 19 46 16.2

ROSC El Rosal 4.65 218 Pn 19 44 47.2 +2.9
TACV Teata 4.65 70 eP Pn 19 44 45.0 +0.9
TACV 19 45 36.8 -1.7
HELH Santa Helena 4.67 240 eP Pn 19 44 45.8 +1.3
HELH 19 45 55.3 +3.1
HELH 19 46 05.7

comp=Z,81nm,0.5s
LCBC Los crdoabs, 4.87 274 eP Pn 19 44 46.5 -0.5
LCBC 19 45 46.2 +2.4
LCBC 19 45 50.0

comp=Z,133nm,0.8s
CARV Caracas 4.87 66 eP Pn 19 44 48.9 +1.8
CARV 19 45 42.9 -1.2
PAYV Puerto Ayacucho 4.88 129 eP Pn 19 44 47.1 0.0
PAYV 19 45 41.7 -2.3
VILC Villavicencio, 4.93 207 eP Pn 19 44 48.8 +0.9
VILC 19 45 45.4 -0.1
VILC 19 45 57.2

comp=Z,9um,0.5s
DBBC Dabeiba 4.95 253 eP Pn 19 44 52.3 +4.1
DBBC 19 45 49.5 +3.6
DBBC 19 46 12.1

comp=Z,459nm,0.5s
CACV CAICARA DEL OS 4.96 101 eP Pn 19 44 55.9 +7.6
CACV 19 45 56.9 -3.6
MERY Las Mercedes 5.14 82 eP Pn 19 44 51.3 +0.5
MERY 19 44 48.2 -2.0
CBOC Ciudad Bolivar 5.24 240 eP Pn 19 44 55.0 +2.7
CBOC 19 46 18.4 -3.1
CBOC 19 46 24.0

comp=Z,49nm,0.7s
BIRV Bironog 5.46 69 eP Pn 19 44 55.9 +0.6
BIRV 19 45 56.2 -2.3
BIRV 19 44 55.8 +0.6
ANIL Santa Ana 5.62 225 eP Pn 19 44 58.9 +1.4
ANIL 19 44 56.8 +4.2
ANIL 19 46 10.6

comp=Z,149nm,0.4s
CAPC Capurgana 5.83 271 eP Pn 19 44 59.0 -1.3
CAPC 19 46 05.1 -2.5
CAPC 19 46 08.5

comp=Z,24nm,0.6s
CAP2 Capurgana 5.84 272 eP Pn 19 44 58.9 -1.4
ORTC Ortega, Tolima 5.95 220 eP Pn 19 45 02.7 +0.9
ORTC 19 46 11.3 +0.8
ORTC 19 46 49.8

comp=Z,68nm,0.6s
PLMC San Jos del P 6.00 233 eP Pn 19 45 04.9 +2.3
PLMC 19 46 16.8 +4.9
PLMC 19 45 12.2 -1.0
GUVG San Jose del G 6.07 191 eP Pn 19 45 03.1 -0.4
GUVG 19 46 10.6 -2.8
GUVG 19 46 55.4

comp=Z,245nm,0.5s
YOTC Yotoco, Valle 6.64 227 eP Pn 19 45 12.0 +0.5
YOTC 19 46 37.5 +1.0
YOTC 19 45 12.9 +0.3
PRGV PARIAGUAN 6.74 88 eP Pn 19 45 25.8 -4.1
MACC Macarena, Meta 6.78 201 eP Pn 19 46 28.2 -2.8
MACC 19 47 31.9

comp=Z,155nm,0.5s
PCRV Puerto La Cruz 6.92 76 Pn 19 45 16.7 +1.5
PCRV 19 46 35.8 +1.3
PCRV 19 46 55.0

comp=Z,11nm,0.3s,baz=166,slow=23,SNR=5.8
PCRV Puerto La Cruz 6.92 76 eP Pn 19 45 15.9 +0.6
PCRV 19 46 31.6 -2.9
GARC Garzon, Huila 7.48 213 eP Pn 19 45 42.9 +0.6
GARC 19 46 45.4 -3.2
GARC 19 46 55.0

comp=Z,38nm,0.3s
PCON Cinco Dias 7.89 219 eP Pn 19 45 32.1 +3.1
BOTA Riobanco 8.17 219 eP Pn 19 45 34.8 +0.5
BCIP Isla Barro Col 8.31 275 Pn 19 45 34.8 +0.5
PCDR Punta Cana, DR 10.36 16 Pn 19 45 59.1 -3.2
SDDR Pened de Saban 10.38 1 Pn 19 46 03.9 +1.1
DR12 Loma Pena Alta 10.39 11 Pn 19 46 00.9 -1.9

ICMP Isla Caja de M 10.46 27 Pn Pn 19 46 01.4 -2.3
PRSN Puerto Rico Se 10.49 23 Pn Pn 19 46 01.9 -2.3
OTAV Otavalo 10.80 221 eP Pn 19 46 13.6 +4.8
PADR Patillas Dam, 10.80 29 Pn Pn 19 46 06.9 -1.5
SJGR San Juan 10.82 28 Pn Pn 19 46 07.3 -1.4

comp=Z,3.5m,0.3s,baz=196,slow=14,SNR=7.3
SJG 19 44 57.7
SJG 19 44 59.9 +0.2
SJG 19 44 52.5 +0.1
SJG 19 44 54.0

comp=Z,934nm,0.7s
BRRC Barranca, Sant 2.65 238 eP Pn 19 44 18.0 +1.5
BRRC 19 44 56.6 -1.5
BRRC 19 45 03.5

comp=Z,290nm,0.5s
SIQV Siquisiqui 2.65 38 eP Pn 19 44 18.7 +2.1
SIQV 19 44 50.8 +1.6
RUSC La Rusia 3.08 212 eP Pn 19 44 24.2 +1.3
RUSC 19 45 10.1 -2.1
RUSC 19 45 13.5

comp=Z,418nm,0.6s
URIC Uribia, Colomb 3.19 350 eP Pn 19 44 24.8 +0.9
URIC 19 45 01.1 -1.2
URIC 19 45 16.9

comp=Z,199nm,0.5s
URIC Uribia, Colomb 3.19 350 eP Pn 19 44 23.0 -0.9
URIC 19 44 26.2 +1.8
MAPV MAPV 3.23 66 eP Pn 19 45 04.6 +1.3
MAUV MAUV 3.40 83 eP Pn 19 44 27.5 +0.8
BAUV BAUV 3.40 83 eP Pn 19 44 27.0 -0.3
LUV El Baul 3.40 83 eP Pn 19 44 26.0 -0.1
ZARC Zaragoza, Cauc 3.53 253 eP Pn 19 45 21.0 +0.4
ZARC 19 45 21.7 +2.5
ZARC 19 45 26.8

comp=Z,219nm,0.4s
ZARAGOZA, CAUC Jacura 3.53 253 eP Pn 19 44 29.2 +0.7
ZARAGOZA, CAUC Jacura 3.62 45 eP Pn 19 44 32.0 +2.1
JACV JACV 3.62 45 eP Pn 19 45 13.9 +0.9
SMRC Santa Marta, M 3.78 314 eP Pn 19 44 31.8 -0.2
SMRC 19 45 20.6 +3.7
SMRC 19 45 30.9

comp=Z,222nm,0.5s
SPBC San Pablo de B 3.87 222 eP Pn 19 44 34.2 +0.9
SPBC 19 45 35.4 -1.9
SPBC 19 45 42.8

comp=Z,222nm,0.7s
SJCC San Jacinto, C 3.92 290 eP Pn 19 44 36.0 +2.0
SJCC 19 45 22.2 +1.7
SJCC 19 45 45.0

comp=Z,169nm,0.6s
SJCC San Jacinto, C 3.92 290 eP Pn 19 44 35.2 +1.3
TURV Turijamo 4.04 62 eP Pn 19 44 37.4 +1.7
TURV 19 45 23.3 0.0
BENV Beln 4.06 69 eP Pn 19 44 37.4 +1.5
BENV 19 45 23.8 -0.1
UREC San Jos de Ur 4.11 259 eP Pn 19 44 37.8 +1.2
UREC 19 45 40.7 -4.4
UREC 19 45 42.9

comp=Z,73nm,0.4s
MOTC Monteria, Cord 4.17 274 eP Pn 19 44 38.8 +1.5
MOTC 19 45 44.7 -2.3
MOTC 19 45 55.2

comp=Z,123nm,0.7s
MOTC Monteria, Cord 4.17 274 eP Pn 19 44 37.9 +0.5
PTGC Puerto Gaitan, 4.36 189 eP Pn 19 44 59.9 +3.3
PTGC 19 45 50.7 -2.5
PTGC 19 46 04.8

comp=Z,459nm,0.5s
CHIC Chingaza 4.49 210 eP Pn 19 44 43.7 +1.5
CHIC 19 45 34.6 -0.5
CHIC 19 46 02.0

NORC Norcasia 4.50 229 eP Pn 19 44 42.5 +0.6
NORC 19 45 40.4 -6.7
NORC 19 45 54.9

comp=Z,98nm,0.5s
ROSC El Rosal 4.65 218 Pn 19 44 45.8 +1.5
ROSC 19 45 39.4 +0.6
ROSC 19 46 01.3

comp=Z,11nm,0.3s,baz=188,slow=1.3,SNR=27
ROSC 19 45 39.4 +0.6
ROSC 19 46 01.3
ROSC 19 46 01.3

comp=Z,15nm,0.3s,baz=249,slow=22,SNR=1.9
ROSC 19 46 01.3
ROSC 19 46 01.3
ROSC 19 46 01.3

comp=Z,13nm,0.3s,baz=358,slow=20,SNR=4.1
ROSC 19 46 01.3
ROSC 19 46 01.3
ROSC 19 46 01.3

comp=Z,78nm,0.5s
ROSC El Rosal 4.65 218 Pn 19 44 47.2 +2.9
TACV Teata 4.65 70 eP Pn 19 44 45.0 +0.9
TACV 19 45 36.8 -1.7
HELH Santa Helena 4.67 240 eP Pn 19 44 45.8 +1.3
HELH 19 45 55.3 +3.1
HELH 19 46 05.7

comp=Z,81nm,0.5s
LCBC Los crdoabs, 4.87 274 eP Pn 19 44 46.5 -0.5
LCBC 19 45 46.2 +2.4
LCBC 19 45 50.0

comp=Z,133nm,0.8s
CARV Caracas 4.87 66 eP Pn 19 44 48.9 +1.8
CARV 19 45 42.9 -1.2
PAYV Puerto Ayacucho 4.88 129 eP Pn 19 44 47.1 0.0
PAYV 19 45 41.7 -2.3
VILC Villavicencio, 4.93 207 eP Pn 19 44 48.8 +0.9
VILC 19 45 45.4 -0.1
VILC 19 45 57.2

comp=Z,9um,0.5s
DBBC Dabeiba 4.95 253 eP Pn 19 44 52.3 +4.1
DBBC 19 45 49.5 +3.6
DBBC 19 46 12.1

comp=Z,459nm,0.5s
CACV CAICARA DEL OS 4.96 101 eP Pn 19 44 55.9 +7.6
CACV 19 45 56.9 -3.6
MERY Las Mercedes 5.14 82 eP Pn 19 44 51.3 +0.5
MERY 19 44 48.2 -2.0
CBOC Ciudad Bolivar 5.24 240 eP Pn 19 44 55.0 +2.7
CBOC 19 46 18.4 -3.1
CBOC 19 46 24.0

comp=Z,49nm,0.7s
BIRV Bironog 5.46 69 eP Pn 19 44 55.9 +0.6
BIRV 19 45 56.2 -2.3
BIRV 19 44 55.8 +0.6
ANIL Santa Ana 5.62 225 eP Pn 19 44 58.9 +1.4
ANIL 19 44 56.8 +4.2
ANIL 19 46 10.6

comp=Z,149nm,0.4s
CAPC Capurgana 5.83 271 eP Pn 19 44 59.0 -1.3
CAPC 19 46 05.1 -2.5
CAPC 19 46 08.5

comp=Z,24nm,0.6s
CAP2 Capurgana 5.84 272 eP Pn 19 44 58.9 -1.4
ORTC Ortega, Tolima 5.95 220 eP Pn 19 45 02.7 +0.9
ORTC 19 46 11.3 +0.8
ORTC 19 46 49.8

comp=Z,68nm,0.6s
PLMC San Jos del P 6.00 233 eP Pn 19 45 04.9 +2.3
PLMC 19 46 16.8 +4.9
PLMC 19 45 12.2 -1.0
GUVG San Jose del G 6.07 191 eP Pn 19 45 03.1 -0.4
GUVG 19 46 10.6 -2.8
GUVG 19 46 55.4

comp=Z,245nm,0.5s
YOTC Yotoco, Valle 6.64 227 eP Pn 19 45 12.0 +0.5
YOTC 19 46 37.5 +1.0
YOTC 19 45 12.9 +0.3
PRGV PARIAGUAN 6.74 88 eP Pn 19 45 25.8 -4.1
MACC Macarena, Meta 6.78 201 eP Pn 19 46 28.2 -2.8
MACC 19 47 31.9

comp=Z,155nm,0.5s
PCRV Puerto La Cruz 6.92 76 Pn 19 45 16.7 +1.5
PCRV 19 46 35.8 +1.3
PCRV 19 46 55.0

comp=Z,11nm,0.3s,baz=166,slow=23,SNR=5.8
PCRV Puerto La Cruz 6.92 76 eP Pn 19 45 15.9 +0.6
PCRV 19 46 31.6 -2.9
GARC Garzon, Huila 7.48 213 eP Pn 19 45 42.9 +0.6
GARC 19 46 45.4 -3.2
GARC 19 46 55.0

comp=Z,38nm,0.3s
PCON Cinco Dias 7.89 219 eP Pn 19 45 32.1 +3.1
BOTA Riobanco 8.17 219 eP Pn 19 45 34.8 +0.5
BCIP Isla Barro Col 8.31 275 Pn 19 45 34.8 +0.5
PCDR Punta Cana, DR 10.36 16 Pn 19 45 59.1 -3.2
SDDR Pened de Saban 10.38 1 Pn 19 46 03.9 +1.1
DR12 Loma Pena Alta 10.39 11 Pn 19 46 00.9 -1.9

ICMP Isla Caja de M 10.46 27 Pn Pn 19 46 01.4 -2.3
PRSN Puerto Rico Se 10.49 23 Pn Pn 19 46 01.9 -2.3
OTAV Otavalo 10.80 221 eP Pn 19 46 13.6 +4.8
PADR Patillas Dam, 10.80 29 Pn Pn 19 46 06.9 -1.5
SJGR San Juan 10.82 28 Pn Pn 19 46 07.3 -1.4

comp=Z,3.5m,0.3s,baz=196,slow=14,SNR=7.3
SJG 19 44 57.7
SJG 19 44 59.9 +0.2
SJG 19 44 52.5 +0.1
SJG 19 44 54.0

comp=Z,934nm,0.7s
BRRC Barranca, Sant 2.65 238 eP Pn 19 44 18.0 +1.5
BRRC 19 44 56.6 -1.5
BRRC 19 45 03.5

comp=Z,290nm,0.5s
SIQV Siquisiqui 2.65 38 eP Pn 19 44 18.7 +2.1
SIQV 19 44 50.8 +1.6
RUSC La Rusia 3.08 212 eP Pn 19 44 24.2 +1.3
RUSC 19 45 10.1 -2.1
RUSC 19 45 13.5

comp=Z,418nm,0.6s
URIC Uribia, Colomb 3.19 350 eP Pn 19 44 24.8 +0.9
URIC 19 45 01.1 -1.2
URIC 19 45 16.9

comp=Z,199nm,0.5s
URIC Uribia, Colomb 3.19 350 eP Pn 19 44 23.0 -0.9
URIC 19 44 26.2 +1.8
MAPV MAPV 3.23 66 eP Pn 19 45 04.6 +1.3
MAUV MAUV 3.40 83 eP Pn 19 44 27.5 +0.8
BAUV BAUV 3.40 83 eP Pn 19 44 27.0 -0.3
LUV El Baul 3.40 83 eP Pn 19 44 26.0 -0.1
ZARC Zaragoza, Cauc 3.53 253 eP Pn 19 45 21.0 +0.4
ZARC 19 45 21.7 +2.5
ZARC 19 45 26.8

19 46 01.4 -2.3
19 46 01.9 -2.3
19 46 13.6 +4.8
19 46 06.9 -1.5
19 46 07.3 -1.4

19 48 02.7 -7.7
19 46 06.2 -2.

8d 20h

Table with columns: TGL, Tana Glacier, 4.44 79 IAML, 20 04 45.7, etc. Lists various stations and their coordinates.

2015 NOV

Table with columns: PNL Peninsula, 6.22 89 P, 20 04 19.9 +1.0, etc. Lists various stations and their coordinates.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SIOV Siquisique, SMLC San Martin de Barranca, RUSC La Rusia, etc.

IDC 08 20:25:09.71.4, 6.90N, 94.50E, h0km, mb3.7/8, mb1 3.8/9, mb1mx3.5/45, mbtmp3.6/9, ML3.5/1, Error ellipse: s-maj=54.3km s-min=21.9km az=57.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, H08S2 Diego Garcia H, etc.

IDC 08 20:25:39.9.52.0, 15.33S, 172.46W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/33, mbtmp3.8/3, Error ellipse: s-maj=1010.0km s-min=205.1km az=79.0, Samoa Islands region

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

FUNV 08 20:27:35.3, 8.38N, 71.50W, h4km, MW3.0, ISC 08 20:27:35.1.1.6, 8.46N, 0.05:71.39W, 0.03, h5km, 14km, n20, r130/32, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

FUNV 08 20:29:27.0.2.3, 43.22N, 105.30W, h0km, mb1 3.7/2, mb1mx3.3/42, mbtmp3.6/2, ML3.3/2, Error ellipse: s-maj=46.4km s-min=10.6km az=154.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SIOV Siquisique, RUSC La Rusia, MAPV Macapo, etc.

IDC 08 20:29:29.2.1.0, 43.51N, 0.06:105.33W, 0.06, h0km, n25, r149/24, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, K22A Casper, RWWY Rawlins, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, RLMT Red Lodge, RLMT 60nm, 1.7s, etc.

IDC 08 20:30:05.1.0.6, 6.97N, 94.70E, h0km, mb4.2/19, mb1 4.3/19, mb1mx4.1/37, mbtmp4.2/19, MS3.6/6, MS1 3.6/6, ms1mx3.3/45, Error ellipse: s-maj=24.0km s-min=14.0km az=52.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

IDC 08 20:30:07.1.2.5, 7.13N, 0.07:94.63E, 0.07, h10km, 1km, mb4.7/17, Error ellipse: s-maj=13.6km s-min=10.3km az=32.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LHMI Lhok Sumawe, LHMI Lhok Sumawe, TPTI Prapat, etc.

IDC 08 20:30:09.3.0.4, 6.98N, 0.06:94.64E, 0.06, h26km, n93, r176/87, mb4.4/48, MS3.6/5, 3C, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, GSI Gunungsitoli, MNSI Mandailing Nat, etc.

IDC 08 20:30:11.0.7.5, 1.13N, 103.00W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/33, mbtmp3.8/3, Error ellipse: s-maj=1010.0km s-min=205.1km az=79.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai, CMAR Pallekale, etc.

IDC 08 20:30:11.0.7.5, 1.13N, 103.00W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/33, mbtmp3.8/3, Error ellipse: s-maj=1010.0km s-min=205.1km az=79.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LHSI Lahat, DLV T Lat, KLSI Tapung, etc.

IDC 08 20:30:11.0.7.5, 1.13N, 103.00W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/33, mbtmp3.8/3, Error ellipse: s-maj=1010.0km s-min=205.1km az=79.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HYB Hyderabad, QIZ Qizil, QIZ Qizil, etc.

IDC 08 20:30:11.0.7.5, 1.13N, 103.00W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/33, mbtmp3.8/3, Error ellipse: s-maj=1010.0km s-min=205.1km az=79.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KMI Kuning, KMI Kuning, KMI Kuning, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NJ2 Nanjing, KSH Kashi, KSH Kashi, etc.

IDC 08 20:31:09.1.0.9, 1.5, 8.49N, 0.04:71.35W, 0.03, h12km, 11km, n28, r152/52, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

IDC 08 20:31:09.1.0.9, 1.5, 8.49N, 0.04:71.35W, 0.03, h12km, 11km, n28, r152/52, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

IDC 08 20:31:09.1.0.9, 1.5, 8.49N, 0.04:71.35W, 0.03, h12km, 11km, n28, r152/52, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

IDC 08 20:31:09.1.0.9, 1.5, 8.49N, 0.04:71.35W, 0.03, h12km, 11km, n28, r152/52, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

IDC 08 20:31:09.1.0.9, 1.5, 8.49N, 0.04:71.35W, 0.03, h12km, 11km, n28, r152/52, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

IDC 08 20:31:09.1.0.9, 1.5, 8.49N, 0.04:71.35W, 0.03, h12km, 11km, n28, r152/52, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

IDC 08 20:31:09.1.0.9, 1.5, 8.49N, 0.04:71.35W, 0.03, h12km, 11km, n28, r152/52, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WJS Zhusnan, WJS baz=255, etc.

IDC 08 22:34:00.9±1.2, 0.76N-127.11E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.5/46, mbtmp3.6/6, ML3.1/1, Error ellipse: s-maj=60.1km s-min=20.1km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, LBMI Labuha, etc.

KRSC 08 22:35:38.5±1.4, 48°45'N×155°84'E, h61km, 26km, ML3.7, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, KDTR Khodutka, etc.

IDC 08 22:37:19.2±0.7, 0.1N-94.47E, h0km, mb3.0/14,

mb1 4.0/16, mb1mx3.8/58, mbtmp3.9/16, ML3.9/2, MS3.2/2, M1 3.2/2, ms1mx2.6/49, Error ellipse: s-maj=36.2km s-min=17.3km az=55.0

NEIC 08 22:37:21.6±1.4, 7.0N-102.94°E, 0.2, h10km, 2km, mb4.4/12, Error ellipse: s-maj=40.7km s-min=14.2km az=222.0

ISC 08 22:37:23.0±0.6, 6.93N-109.94°E, 0.08, h26km, n39, r1562/39, mb4.2/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LHMI Lhok Sumawe, PSI Prapat, CMAR Chiang Mai Arr, etc.

IDC 08 22:42:00.4±2.0, 7.43S×146°04'E, h380km, 217km, mb3.0/2, mb1 3.2/4, mb1mx2.8/46, mbtmp3.8/4, Error ellipse: s-maj=106.7km s-min=80.0km az=46.0, Eastern Guinea region

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

IDC 08 22:41:01.9±4.3, 36°19'N-71°12'E, h170km, 43km, mb3.3/7, mb1 3.3/11, mb1mx3.0/59, mbtmp3.8/11, Error ellipse: s-maj=54.0km s-min=27.0km az=133.0

NNC 08 22:48:08.6±10.0, 36°68'N-70°77'E, h136km, 164km, mb3.2, mpv3.7, Error ellipse: s-maj=81.9km s-min=59.3km az=20.0

ISC 08 22:48:05.5±0.8, 36°49'N-07°71°04'E, 0.08, h188km, n24, r120/30, mb3.6/6, 5C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ODAN Odare, ZALV Zalesovo Beam, MMAL Mount Meron Arr, etc.

IDC 08 22:54:00.7±0.6, 7.98S-117°42'E, h0km, mb4.3/15, mb1 4.4/19, mb1mx4.2/41, mbtmp4.3/19, ML4.4/3, MS3.4/5, M1 3.4/5, ms1mx3.0/28, Error ellipse: s-maj=20.8km s-min=12.6km az=54.0

NEIC 08 22:54:04.3±1.6, 7.83S-109.117°48'E, 0.06, h16km, 4km, mb4.7/25, Error ellipse: s-maj=12.6km s-min=9.1km az=174.0

DJA 08 22:54:06.8±0.5, 8°S-3°11'7"E, h31km, 6km, M4.7/18, mb4.9/13, MB5.3/6, MLV4.6/18, Mw(MB)4.8/6

ISC 08 22:54:06.0±0.4, 7.97S-104°11'49"E, 0.04, h35km, n106, r180/93, mb4.7/38, MS3.2/3, Bali Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PLAI Plampang, TWSI Taliwang, SRBI Singaraja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Piuthan, Gaotai, Ussuriysk Ar., etc.

NEIC 08 23:06:25.9, 0.9, 301.4S, 0.1, 179.7W, 0.1, h33km, 10km, mb4.0/10, Error ellipse: s-maj=22.0km s-min=12.2km az=153.0

IDC 08 23:06:28.4, 2.9, 301.24S, 179.52W, h384km, 31km, mb0.3, mb1.1, 3.25, mb1mx3, 1/21, mbtmp4.0, 0.9, Error ellipse: s-maj=40.3km s-min=17.7km az=171.0

ISC 08 23:06:25.2, 0.6, 303.36S, 0.08, 179.62W, 0.09, h350km, n33, c=1547/34, mb3.8/B, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Rauou Island, Urewera, URZ, BKZ, etc.

IASPEI 08 23:12:26.6, 0.8, 40.93N, 0.03, 22.39E, 0.02, h3km, 5km, Error ellipse: s-maj=1.0km s-min=0.4km az=164.0

ISK 08 23:12:26.4, 40.95N, 22.40E, h5km, ML2.8/B SKO 08 23:12:26.1, 40.95N, 22.38E, h15km

ATH 08 23:12:27.1, 40.95N, 22.40E, h7km, 2km, ML2.3/9, Error ellipse: s-maj=2.7km s-min=0.7km az=241.0

ISC 08 23:12:26.6, 0.8, 40.94N, 0.02, 22.39E, 0.02, h4km, 4km, n57, c=0560/82, 2C-4D, Greece

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

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

ISK 08 23:29:11.8, 42.34N, 41.00E, h12km, ML2.5/6 TIF 08 23:29:11.6, 42.38N, 41.05E, h20km, 1km

NORS 08 23:29:13.0, 0.0, 42.47N, 41.29E, h9km, MPVA3.2 MOS 08 23:29:13.3, 0.0, 42.47N, 41.15E, h4km, MPVA3.2

ISC 08 23:29:11.7, 1.2, 42.35N, 0.03, 41.06E, 0.03, h8km, 11km, n27, c=0564/50, Western Caucasus

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

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

IDC 08 23:30:21.4, 2.1, 6.29S, 130.53E, h135km, 20km, mb3.9/12, mb1.4/15, mb1mx3, 8.30, mbtmp4.4/15, Error ellipse: s-maj=23.5km s-min=12.9km az=75.0

DJA 08 23:30:23.4, 0.2, 6.32S, 130.38E, 0.10, h145km, 3km, M4.7/17, mb5.2/13, mb4.6/17, MLv4.9/13, Mw(mBE)4.6/13

NEIC 08 23:30:23.1, 1.4, 6.32S, 0.02, 130.38E, 0.10, h142km, 8km, mb4.4/22, Error ellipse: s-maj=13.9km s-min=1.6km az=99.0

ISC 08 23:30:22.9, 0.4, 6.34S, 0.04, 130.47E, 0.05, h150km, n94, c=1191/105, mb4.4/31, Banda Sea

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

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like EYAK Cordova Ski Ar, DIV Divide, K20K Telida, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like COLA College, COLA College, CTG China Glacier, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like WHHZ Waihua, WHHZ Waihua, NMHZ Naumai, etc.

Table of satellite data for 9d 2h, listing stations like UOSS, ZHDN, CHBR, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters.

Main table of satellite data for 2015 NOV, listing stations like FITZ, TORO, OMAN, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters.

Table of satellite data for 550, listing stations like JIRN, ASAR, KOLN, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters.

9d 3h

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

ICD 09 02:38:47.6:1.5, 21.64N:143.05E, h298km, 14km, mb3.6/17, mb1 3.8/20, mb1mx3.6/48, mbtmp4.3/20, Error ellipse: s-maj=17.8km s-min=8.1km az=90.0

NEIC 09 02:38:48.9:1.3, 21.61N:143.05E, h2305km, 7km, mb4.0/50, Error ellipse: s-maj=22.2km s-min=11.3km

ISC 09 02:38:49.0:0.40, 21.64N:143.05E, h311km, n86, 0.850/90, mb4.0/40, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Mariana Islands region.

2015 NOV

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

ICD 09 02:54:50.9:1.7, 8.06S: 125.11E, h0km, mb3.8/3, mb1 3.8/6, mb1mx3.6/28, mbtmp3.7/6, ML3.5/3, MS3.3/3, Ms1 3.3/3, ms1mx2.6/37, Error ellipse: s-maj=41.7km

ISC 09 02:54:55.6:1.3, 8.20S:0.09:125.4E:0.1, h35km, n9, 2.01/11, mb3.8/3, Timor region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Timor region.

552

s-min=5.4km az=123.0 GUC 09 03:01:52.1:0.6, 30.24S:71.42W, h45km, 2km, ML4.0

ISC 09 03:01:52.3:0.9, 30.25S:0.03:71.45W:0.07, h33km, n37, 0.112/50, 2C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations near the coast of central Chile.

ICD 09 03:02:00.4:0.9, 2.14S: 125.91E, h0km, mb4.0/6, mb1 4.3/11, mb1mx4.0/35, mbtmp4.2/11, ML4.4/3, MS2.8/2, Ms1 2.9/2, ms1mx2.4/44, Error ellipse: s-maj=23.4km

s-min=16.6km az=61.0 DJA 09 03:02:04.9:0.3, 2.12S: 122.6E, h18km, gkm, M4.4/17, mb4.8/97, mb5.07, ML4.9/17, Mw(m)M4.3/7

NEIC 09 03:02:05.0:2.2, 0.55S:0.07:125.85E:0.07, h36km, gkm, mb4.3/14, Error ellipse: s-maj=11.4km s-min=8.7km az=57.0

ISC 09 03:02:04.0:0.9, 2.12S:125.84E:0.06, h29km, 6km, n47, 0.132/50, mb4.2/10, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Ceram Sea region.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and Date/Time. Includes stations like ASAR Alice Springs, TPUB Ta-pu, BBOO Buckleboo, etc.

comp=Z,0.8nm,0.8s,baz=104,slow=2.8,SNR=6.1

IDC 09 03:35:57.0t.1.1, 53.56Nk:159.90W, h0km, mb3.9/10, mb1 4.1/14, mb1mx3.8/61, mbmtpp3.9/14, ML3.5/4, MS3.1/4, Ms1 3.1/4, ms1mx2.6/69, Error ellipse: s-maj=27.0km s-min=19.1km az=178.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like DT1 Dutton Round, HAG Hague Volcano, PSAA Pavlov South, etc.

IDC 09 03:13:54.0t.0.8, 8.75N:71.50W, h0km, mb3.5/7, mb1 3.8/10, mb1mx3.7/28, mbmtpp3.7/10, ML3.3/3, MS3.0/2, Ms1 3.1/2, ms1mx2.6/30, Error ellipse: s-maj=18.5km s-min=9.0km az=166.0

FUNV 09 03:13:55.9, 8.50Nk:71.40W, h2km, MW3.4, ISC 09 03:13:54.1t.2, 8.59Nk:70.371.44W:0.02, h5km, gkm, n66, f168/93, mb3.5/7, 4D, Vozuzela

Large table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like SOCV Socops, SDV Santo Domingo, SDV Santo Domingo, etc.

ISC 09 03:15:58.4t.1.9, 53.67Nk:106.159.72W:0.04, h7km, l12km, n115, t192/116, mb4.1/14, MS3.0/4, South of Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like DT1 Dutton Round, HAG Hague Volcano, PSAA Pavlov South, etc.

ISC 09 03:37:27.5t.0.8, 52.99Nk:161.46E, h0km, mb3.7/8, mb1 4.0/9, mb1mx3.7/51, mbmtpp3.7/9, ML3.7/1, MS2.6/5, Ms1 2.6/5, ms1mx2.4/66, Error ellipse: s-maj=44.9km s-min=15.6km az=148.0

KRSC 09 03:37:31.7, 0.8, 53.73Nk:160.94E, h6km, l15km, ML4.5, MOS 09 03:37:32.9t.0.6, 53.70Nk:160.95E, h6km, mb4.2/4, Error ellipse: s-maj=8.7km s-min=4.2km az=76.5

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like SPN Mys Shipunski, SPN Mys Shipunski, KII Karymskiy, etc.

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

Table with columns: Call Sign, Location, Frequency, Power, Mode, and Date/Time. Includes stations like WMOK Wichtula Mounta, WMOK Wichtula Mounta, TX31 Lajitas Arr. Si, etc.

ISC 09 03:37:27.5t.0.8, 52.99Nk:161.46E, h0km, mb3.7/8, mb1 4.0/9, mb1mx3.7/51, mbmtpp3.7/9, ML3.7/1, MS2.6/5, Ms1 2.6/5, ms1mx2.4/66, Error ellipse: s-maj=44.9km s-min=15.6km az=148.0

KRSC 09 03:37:31.7, 0.8, 53.73Nk:160.94E, h6km, l15km, ML4.5, MOS 09 03:37:32.9t.0.6, 53.70Nk:160.95E, h6km, mb4.2/4, Error ellipse: s-maj=8.7km s-min=4.2km az=76.5

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

ISC 09 03:37:33.4t.0.9, 53.72Nk:160.94E:0.03, 160.94E:0.03, n112, t129/148, mb3.9/12, 1C-2D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, Op, ISC, H, m, s, Res. Includes stations like KBTR, KBG, Krutoberegovo, MA2, MAJ, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, H, m, s, Res. Includes stations like BAUV, EI Baul, BAUV, JACURA, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, H, m, s, Res. Includes stations like SIV, SERRA NOVA DOUS, SANTO ANTONIO, etc.

NEIC 09 04:12:20.2, 1.6, 0.36N; 0.09; 122.0E; 0.1, h190km, 7km, mb4.2/22, Error ellipse: s-maj=18.3km s-min=9.8km

M1 2.7/1, ms1mx2.2/48, Error ellipse: s-maj=23.6km s-min=8.3km az=65.0

DJA 09 04:12:22.0.5, 0.0 N3 x 12 2E, h166km, 5km, M4.2/14, mb4.4/5, mb4.6/3, MLV4.2/14, Mw(m)3.9/3

ISC 09 04:12:19.8-0.7, 0.35N, 0.05E, 122.06E, 0.06, h191km, 6km, n86, c1920/97, mb4.2/35, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

comp=Z-1.2nm, 0.8s, baz=111, slow=5.4, SNR=5.2

BRTR Keskin Array B 88.56 310 P P 04 24 50.6 -0.8

ILAR Eielson Array 90.14 215 P P 04 24 57.6 -0.4

AKASA Malin Array Be 91.53 321 P P 04 25 03.1 -1.6

EKA Eskdalem Arr 108.94 300 P P 04 26 21.1 -1.7

TORD Torodi Arr. Be 119.41 285 PKP P 04 30 46.1 -1.4

TORD Torodi Arr. Be 119.41 285 PKP P 04 30 46.2 -1.3

IDC 09 04:22.0.1, 6.8, 0.1S: 125.17E, h0km, mb3.6/1, mb1.3/8.6, mb1mx3.5/59, mbtmp3.7/6, ML3.3/5, MS3.1/2, MS1.3/1.2, ms1mx2.5/42, Error ellipse: s-maj=39.6km s-min=2.4km az=91.0

ISC 09 04:19:26.6: 1.1, 8.13S: 0.08x125.3E: 0.1, h35km, n7, c113/10, Timor region

BATI Baumata 2.62 218 Op P 04 20 06.4 -0.1

BATI 11nm, 0.3s, baz=82, slow=5.3, SNR=5.5

BATI 5.2nm, 0.3s, baz=158, slow=2.3, SNR=9.4

BATI comp=Z-1.76nm, 20.6s, baz=76, slow=43

SIJI Sorong 9.35 40 Pn P 04 21 38.8 -0.3

SIJI 1.1nm, 0.3s, baz=217, slow=2.2, SNR=6.5

FITZ Fitzroy Crossi 9.92 178 Pn P 04 21 47.0 +0.3

FITZ 0.1nm, 0.3s, baz=359, slow=12, SNR=3.2

FITZ 0.4nm, 0.3s, baz=302, slow=19, SNR=5.5

WRA Warramunga Arr 14.66 144 Pn P 04 22 52.0 +0.4

WRA 0.1nm, 0.3s, baz=319, slow=13, SNR=12

WRA 0.1nm, 0.3s, baz=318, slow=12.6, SNR=5.1

ASAR Alice Springs 17.52 153 P P 04 23 30.5 +1.3

ASAR 0.0nm, 0.3s, baz=323, slow=11.1, SNR=9.2

ASAR 0.1nm, 0.3s, baz=328, slow=23, SNR=8.6

MKAR Makachi Array 66.70 209 P P 04 30 13.6 -0.5

RAR Rarotonga 73.11 110 LR LR 04 59 57.7

IDC 09 04:23:22.4, 2.6, 3.3: 133S: 178.07W, h0km, mb4.2/5, mb1.4/3.7, mb1mx3.9/49, mbtmp4.1/7, ML3.7/2, Error ellipse: s-maj=53.7km s-min=33.9km az=16.0

WEL 09 04:23:22.4, 1.0, 33.1S: 117.8W: 2.4, h176km, 23km, M4.5/6, mb4.3/1, MLV4.5/6, Mw(m)3.4/1, Error ellipse: s-maj=0.0km s-min=0.0km az=112.9

NEIC 09 04:23:24.9, 1.0, 33.09S: 0.04x178.1W: 0.2, h10km, 2km, mb4.5/10, Error ellipse: s-maj=32.2km s-min=6.0km az=95.0

ISC 09 04:23:22.2: 1.8, 33.13S: 0.09x177.6W: 0.2, h26km, n51, c1978/61, mb4.5/11, South of Kermadec Islands

GLKZ Green Lake 3.86 356 Op P 04 24 18.5 -1.4

GLKZ 0.4nm, 0.3s, baz=122, slow=2.3, SNR=4.2

RAO Raoul Island 3.87 356 Pn P 04 24 24.0 +3.9

KHZ Matakahi Point 5.55 216 Pn P 04 24 43.4 +0.3

WMGZ Waioataitini S 5.71 214 S S 04 25 21.2 +2.2

PKGZ Pakihiroa 5.92 215 Pn P 04 24 46.8 -1.5

PKGZ 0.4nm, 0.3s, baz=301, slow=24, SNR=9.0

HUZ Te Kaha 5.97 218 Pn P 04 24 48.2 -0.7

HUZ 0.4nm, 0.3s, baz=301, slow=24, SNR=9.0

PUZ Tuketiiti 5.98 213 Pn P 04 24 46.2 -2.3

PUZ 0.4nm, 0.3s, baz=301, slow=24, SNR=9.0

URZ Urewera 6.70 219 Pn P 04 24 58.7 -0.1

URZ 1.1nm, 0.3s, baz=121, slow=24, SNR=3.5

URZ Urewera 6.70 219 Pn P 04 24 58.3 -0.5

RAHZ Aarahi 7.21 215 Pn P 04 26 28.0 +1.0

WHZ Waihua 7.27 214 Pn P 04 26 29.2 +0.8

NHZZ Naumai 7.49 216 Pn P 04 25 10.7 +0.9

NHZZ 0.4nm, 0.3s, baz=142, slow=7.6, SNR=34

ARHZ Aoropouanu 7.53 214 Pn P 04 26 35.2 +0.5

BKZ Black Stump Fm 7.70 217 Pn P 04 25 12.0 -0.6

MCHZ McNeil Hill 7.81 215 Pn P 04 26 40.7 -1.1

KWZ Kaweka Forest 7.93 216 Pn P 04 25 14.0 -1.9

KWZ 0.4nm, 0.3s, baz=142, slow=7.6, SNR=34

KAHZ Kahuranaki 8.01 212 Pn P 04 25 14.9 -2.1

KAHZ 0.4nm, 0.3s, baz=142, slow=7.6, SNR=34

TMVZ Te Maari 8.07 220 Pn P 04 26 47.0 -1.3

ETVZ East Tongariro 8.08 220 Pn P 04 26 48.0 -0.6

KRHZ Kereru 8.12 215 Pn P 04 25 17.7 -0.8

KRHZ 0.4nm, 0.3s, baz=142, slow=7.6, SNR=34

BHHZ Black Hill Sta 8.16 217 Pn P 04 25 19.2 +0.2

BHHZ 0.4nm, 0.3s, baz=142, slow=7.6, SNR=34

PXZ Pawanui 8.21 211 Pn P 04 26 50.0 -1.4

MOVZ Moawhango 8.26 219 Pn P 04 26 50.3 -2.5

MTVZ Mutugeteiti 8.39 220 Pn P 04 26 49.3 -1.0

PNHZ Puakaki 8.42 215 Pn P 04 26 33.5 -3.2

WPHZ Waipukurau 8.42 213 Pn P 04 26 53.3 -3.5

DVHZ Dannevirke 8.74 213 S S 04 26 59.9 -4.7

BFZ Birch Farm 9.01 211 Pn P 04 25 29.5 -1.2

THZ Topohouse 11.46 218 Pn P 04 26 02.0 -2.1

KHZ 11.52 216 Pn P 04 26 06.1 -1.9

DZM Mont Dzumac 17.91 304 Pn P 04 27 29.9 +0.3

EIDS Eidsvold 28.33 278 P P 04 29 15.6 +1.6

EIDS 0.4nm, 0.3s, baz=133, slow=18, SNR=7.4

STKA Stephens Creek 34.30 261 P P 04 30 06.0 -0.4

CTA Charters Tower 34.66 283 P P 04 30 11.2 +1.5

CTA 2.7nm, 0.3s, baz=112, slow=7.6, SNR=20.2

BBOO Buckleboe 38.64 257 P P 04 31 00.7 +0.9

BBOO 0.4nm, 0.3s, baz=112, slow=7.6, SNR=20.2

AS31 Alice Springs 43.38 270 P P 04 31 23.6 +0.9

ASAR Alice Springs 43.38 270 P P 04 31 23.6 +1.0

ASAR Alice Springs 43.38 270 P P 04 31 23.0 +0.3

WRO Warramunga Arr 44.43 275 P P 04 31 31.7 +0.6

WRO 0.4nm, 0.3s, baz=112, slow=7.6, SNR=20.2

WB2 Warramunga Arr 44.60 275 P P 04 31 33.4 +0.9

WB2 0.4nm, 0.3s, baz=112, slow=7.6, SNR=20.2

WRAB Tennant Creek 44.60 275 P P 04 31 32.2 -0.3

WRAB 0.4nm, 0.3s, baz=112, slow=7.6, SNR=20.2

ISC 09 04:24:34.1: 0.9, 35.99N: 0.02x96.82W: 0.02, h5km, 6km, n52, c051/68, Oklahoma

Code Station Name Delta Azimuth Phase ID Time Res ISC

OK031 S. Brethren Rd 0.04 203 Op P 04 24 35.2 -0.2

OK030 Cody Creek Rv 0.07 155 Sg P 04 24 35.9 0.0

QUOK Quay 0.20 27 Sg P 04 24 38.5 +0.3

QUOK Liberty Lake 0.55 250 Sg P 04 24 41.7 +0.8

OK029 Jones High Sch 0.57 222 Sg P 04 24 44.8 +0.2

OK025 Westminster Rd 0.59 226 Sg P 04 24 53.1 +0.5

OK025 Bluff Creek N. 0.72 243 Sg P 04 24 47.8 -0.2

OKCFA Oklahoma City 0.77 222 Sg P 04 24 48.6 -0.3

OKCFA Oklahoma City 0.77 222 P P 04 24 48.4 -0.5

OKCFA Oklahoma City 0.77 222 S Sg 04 24 59.4 +0.4

OKCFA OKLAHOMA CITY 0.77 221 P P 04 24 48.4 -0.5

BLOK Blackwell 0.83 98 P P 04 24 50.1 -0.1

TUL1 Leonard 0.84 95 P P 04 24 49.9 -0.4

TUL1 Leonard 0.84 95 P P 04 25 01.0 -0.2

TUL1 Leonard 0.84 95 P P 04 24 49.8 -0.4

TUL1 Leonard 0.84 95 P P 04 25 00.9 -0.2

FNO Franklin 0.87 213 P P 04 24 50.2 -0.7

FNO Sooner Cattle 0.96 15 Sg P 04 25 02.3 +0.2

T35A Sooner Cattle 0.96 15 Sg P 04 25 05.1 +0.1

T35B Sooner Cattle 0.96 15 Sg P 04 24 52.4 -0.2

T35B Sooner Cattle 0.96 15 Sg P 04 25 05.1 +0.1

CROK Carrier 1.07 399 P P 04 24 54.3 -0.4

KAN13 South Haven SW 1.15 333 Sg P 04 24 55.9 -0.3

KAN13 Grant County # 1.20 316 Sg P 04 24 56.7 -0.5

G002 Grant County # 1.20 316 Sg P 04 25 13.2 +0.2

KAN17 Caldwell West 1.30 324 Pn P 04 24 58.4 -0.5

KAN09 Caldwell North 1.31 331 Pn P 04 24 58.8 -0.3

KAN14 Manchester OK 1.33 317 Pn P 04 24 59.1 -0.3

KS20 Mayfield South 1.37 326 Pn P 04 24 59.7 -0.2

KAN01 Argonia South 1.39 327 Pn P 04 24 59.8 -0.2

OK032 Salt Plains W 1.39 306 Pn P 04 24 59.8 -0.3

KAN05 Bluff City N 1.40 323 Pn P 04 25 00.3 0.0

KAN10 Anthony SW Sta 1.53 318 Pn P 04 25 01.7 -0.3

KAN16 Harper SW Sta 1.59 321 Pn P 04 25 02.9 -0.1

X34A Smith Ranch, M 1.61 211 Iamb_Lg P 04 25 02.9 -0.3

X34A Smith Ranch, M 1.61 211 Iamb_Lg P 04 25 26.8

U32A Winter Ranch, 1.81 283 Pn P 04 25 06.0 +0.1

U32A Winter Ranch, 1.81 283 Pn P 04 25 06.6 +0.7

U32A Winter Ranch, 1.81 283 Pn P 04 25 06.7 +0.7

X37A Clayton 1.83 139 Pn P 04 25 06.7 +0.4

X37A Clayton 1.83 139 Pn P 04 25 32.4

X37A Clayton 1.83 139 Pn P 04 25 06.4 +0.2

X37A Clayton 1.83 139 Pn P 04 25 32.4 -0.6

LOOK Love County 2.02 189 Pn P 04 25 09.2 +0.4

LOOK Love County 2.02 189 Pn P 04 25 40.4

U38A Gravette 2.02 76 Sb Sg 04 25 37.9 -1.2

WMOK Wichita Mounta 2.03 233 Pn P 04 25 09.7 +0.7

WMOK Wichita Mounta 2.03 233 Pn P 04 25 38.0 +0.9

W39A Magazine 2.60 107 Pn P 04 25 17.1 +0.3

W39A Magazine 2.60 107 Pn P 04 25 17.6 +0.8

Z35A Perchaven, San 2.68 188 Pn P 04 25 17.8 0.0

MIAR Mount Ida 3.02 118 Pn P 04 25 23.4 +0.8

MIAR Mount Ida 3.02 118 Pn P 04 26 17.2

MIAR Mount Ida 3.02 118 Pn P 04 25 23.6 +1.0

KSU1 Kansas State U 3.11 3 Pn P 04 25 25.1 +1.3

KSU1 Kansas State U 3.11 3 Pn P 04 26 19.4

X40A Basin Creek Fa 3.59 114 Pn P 04 25 29.7 -0.7

CBKS Cedar Bluff 3.65 321 Iamb_Lg P 04 26 36.7

WHAR Woolly Hollow 3.76 99 Pn P 04 25 32.1 -0.5

W41B Gary Mavity, V 3.81 101 Pn P 04 25 33.7 +0.2

ABTX Abilene, Hawle 4.09 216 Pn P 04 25 36.4 -0.9

AMBT Amarillo 4.12 256 Iamb_Lg P 04 26 51.2

R40A Madies Station 4.40 56 Pn P 04 25 40.3 +0.1

P38A Dawn 4.47 35 Pn P 04 25 40.3 +0.6

N33A J Bar K, Exete 4.77 354 Pn P 04 25 45.5 -1.1

CCMA Cathedral Cave 4.91 64 Iamb_Lg P 04 27 14.0

IDC 09 04:27:22.6: 0.8, 15.40N: 147.18E, h0km, mb4.1/15, mb1.4/3.16, mb1mx4.0/67, mbtmp4.1/16, ML4.1/1, MS3.0/1, Ms1.3/0.1, ms1mx2.4/46, Error ellipse: s-maj=27.4km s-min=16.4km az=116.0

NEIC 09 04:27:29.1: 1.5, 15.5N: 0.1x146.90E: 0.04, h38km, 8km, mb4.5/14, Error ellipse: s-maj=16.8km s-min=5.2km az=187.0

ISC 09 04:27:28.1: 0.7, 15.55N: 0.1x147.0E: 0.1, h33km, n51, c1904/43, mb4.3/22, Mariana Islands

Code Station Name Delta Azimuth Phase ID Time Res ISC

GUMO Guam 2.78 228 Pn P 04 28 10.4 +0.2

GUMO 2.7nm, 0.3s, baz=52, slow=12, SNR=6.2

GUMO Guam 2.78 228 Pn P 04 28 08.5 -1.8

PAYS Pohapei 14.02 126 Pn P 04 30 34.5 -1.0

JATY Jayapura 18.92 200 LR LR 04 30 09.3

H115S WAKE ISLAND Hy 19.06 78 T T 04 51 10.3

H115S WAKE ISLAND Hy 19.09 78 T T 04 51 14.4

H112S WAKE ISLAND Hy 19.09 78 T T 04 51 07.3

H111S WAKE ISLAND Hy 19.43 75 T T 04 51 32.9 +0.8

H112S WAKE ISLAND Hy 19.44 75 T T 04 51 36.6

H113S WAKE ISLAND Hy 19.45 75 T T 04 51 40.9

SJL Sorong 22.47 225 P P 04 32 26.1 +1.4

FAKI Fak Fak 23.38 220 Iamb Iamb 04 32 36.3

Table with columns: ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes entries like PB05, PB10, PB15, etc.

Table with columns: ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes entries like ITRB, CLDB, FRFB, etc.

Table with columns: ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes entries like PEZE, RIMA, NBVP, etc.

2015 NOV

Table with columns: Call Sign, Name, Comp, Az, El, SNR, P, R, S, T, U, V, W, X, Y, Z. Includes stations like Red Boiling Sp, CBN Corbin Frederi, WVT Waverly, etc.

Table with columns: Call Sign, Name, Comp, Az, El, SNR, P, R, S, T, U, V, W, X, Y, Z. Includes stations like ACSO Alum Creek Sta, M65A Busby, BCOCK Bluff Creek, etc.

Table with columns: Call Sign, Name, Comp, Az, El, SNR, P, R, S, T, U, V, W, X, Y, Z. Includes stations like LONY Lake Ozonia, J47A Summer, FRNY Flat Rock, etc.

ISCO	Idaho Springs	71.66 331	P	P	04 57 38.6	0.0
ISCO	comp=Z,46nm,1.1s					
ISCO	Idaho Springs	71.66 331	P	P	04 57 39.7	+1.1
ISCO	baz=143,SNR=63					
ISCO	Idaho Springs	71.66 331	P	P	04 57 38.5	0.0
IKP	In-Ko-Pah, Jac	71.72 319	P	P	04 57 40.3	+1.5
ISCO	baz=135,SNR=26					
SWSC	Sam W. Stewart	71.74 320	P	P	04 57 40.2	+1.4
ISCO	baz=135,SNR=18					
SPMN	Marine on St.	71.75 342	P	P	04 57 37.9	-0.6
ISCO	baz=157,SNR=24					
SPMN	Marine on St.	71.75 342	IAMB	IAMB	04 57 39.1	
ISCO	comp=Z,59nm,0.9s					
PDMCI	Parker Dam, Lak	71.75 322	P	P	04 57 39.9	+1.1
ISCO	baz=137,SNR=18					
SMCO	Snowmass	71.77 330	IAMB	IAMB	04 57 42.0	
ISCO	comp=Z,54nm,0.8s					
BC3	Big Chukawall	72.04 320	P	P	04 57 42.1	+1.4
ISCO	baz=136,SNR=49					
MONP2	Monument Peak	72.08 319	P	P	04 57 42.5	+1.4
ISCO	baz=135,SNR=25					
BAR	Barrett	72.08 319	IAMB	IAMB	04 57 43.4	
ISCO	comp=Z,75nm,1.0s					
W13A	Hualapai Mount	72.19 322	P	P	04 57 42.9	+1.1
IRN	Iron Mountain	72.22 321	P	P	04 57 43.2	+1.5
ISCO	baz=136,SNR=66					
U15A	North	72.30 324	IAMB	IAMB	04 57 45.5	
ISCO	comp=Z,95nm,1.1s					
NEE2	Needles Airpor	72.36 322	P	P	04 57 43.8	+1.4
ISCO	baz=137,SNR=7.6					
109C	Camp Elliot, M	72.48 319	P	P	04 57 44.5	+1.2
ISCO	baz=134,SNR=7.2					
F36A	Milaca	72.54 342	IAMB	IAMB	04 57 43.8	
ISCO	comp=Z,81nm,0.8s					
TPFO	Pinon Flats	72.60 320	P	P	04 57 45.6	+1.5
ISCO	baz=135,SNR=30					
PFO	Pinon Flats O	72.60 320	P	P	04 57 44.9	+0.8
ISCO	comp=Z,67nm,1.3s					
PFO	Pinon Flats O	72.60 320	P	P	04 57 45.6	+1.5
ISCO	baz=135,SNR=31					
PFO	Pinon Flats O	72.60 320	P	P	04 57 44.9	+0.8
BELC	Belle Mtn. Jos	72.61 320	P	P	04 57 45.6	+1.4
ISCO	baz=135,SNR=25					
E38A	The Farm, Brul	72.69 344	IAMB	IAMB	04 57 44.9	
ISCO	comp=Z,71nm,1.1s					
N23A	Red Feather La	72.70 331	P	P	04 57 45.7	+1.0
ISCO	baz=145,SNR=35					
TBI	Tubuai	72.87 252	eS	S	05 07 02.2	-1.6
ISCO	comp=Z,112nm,23.5s					
TBI	Tubuai	72.87 252	eLR	LR	05 19 48.2	
ISCO	comp=Z,260nm,30.5s					
SUSD	Miller	72.96 338	P	P	04 57 45.7	-0.1
ISCO	baz=151,SNR=6.1					
SUSD	Miller	72.96 338	IAMB	IAMB	04 57 46.8	
ISCO	comp=Z,117nm,0.8s					
GMRC	Granite Mounta	72.97 321	P	P	04 57 47.8	+1.6
ISCO	baz=136,SNR=90					
MURC	Murieta	73.03 319	P	P	04 57 48.1	+1.6
ISCO	baz=134,SNR=17					
PKCU	Pink Cliffs	73.07 325	P	P	04 57 47.8	+0.8
O20A	White River Ci	73.13 329	P	P	04 57 48.4	+1.3
ISCO	baz=145,SNR=6.1					
O20A	White River Ci	73.13 329	IAMB	IAMB	04 57 49.6	
ISCO	comp=Z,124nm,0.9s					
F33A	5 Mile Ranch.	73.33 340	IAMB	IAMB	04 57 48.5	
ISCO	baz=135,SNR=31					
BBRO	Big Bear Solar	73.33 320	P	P	04 57 50.4	+1.9
ISCO	baz=135					
HEC	Hector, Ludlow	73.39 321	P	P	04 57 50.4	+1.8
ISCO	baz=135,SNR=20					
SRU	San Rafael Sve	73.42 327	IAMB	IAMB	04 57 51.0	
ISCO	baz=132,SNR=8.5					
SC12	San Clemente I	73.42 318	P	P	04 57 50.0	+1.2
ISCO	baz=133					
MEH	Mehetia	73.43 257	eP	P	04 57 50.9	+1.7
ISCO	comp=Z,269nm,1.0s					
TUQ	Turquoise Moun	73.58 321	P	P	04 57 51.3	+1.4
ISCO	baz=136,SNR=35					
CIS	Catalina Islan	73.63 318	P	P	04 57 51.4	+1.4
ISCO	baz=134,SNR=2.2					
P18A	Preston Nutter	73.69 328	P	P	04 57 51.5	+0.9
ISCO	baz=134					
CCUT	Cedar City	73.70 325	IAMB	IAMB	04 57 54.0	
ISCO	comp=Z,126nm,1.0s					
FMF	Fort Macarthur	73.77 319	P	P	04 57 52.4	+1.6
ISCO	baz=134					
KOWA	Kowa	73.80 66	P	P	04 57 51.8	+0.5
ISCO	comp=Z,25nm,0.9s,baz=247,slow=6.0,SNR=62					
KOWA	Kowa	73.80 66	P	P	04 57 51.3	-0.1
ISCO	baz=134					
RRX	Edison Barstow	73.81 320	P	P	04 57 52.9	+1.9
ISCO	baz=135					
P17A	Butcher Ranch,	73.81 327	IAMB	IAMB	04 57 53.5	
ISCO	comp=Z,99nm,1.0s					
RWWY	Rawlins	73.90 331	IAMB	IAMB	04 57 53.0	
ISCO	comp=Z,63nm,0.9s					
SBA	Scott Base	73.90 190	P	P	04 57 52.0	+1.0
ISCO	comp=Z,101nm,1.4s					
SBA	Scott Base	73.90 190	P	P	04 57 52.0	+1.0
ISCO	baz=134					
SHPR	Sheep Range	73.92 323	IAMB	IAMB	04 57 54.7	
ISCO	comp=Z,101nm,1.4s					
EYMN	Ely	73.93 344	P	P	04 57 50.9	-0.5
ISCO	baz=159,SNR=14					
EYMN	Ely	73.93 344	P	P	04 57 50.8	-0.5
ISCO	comp=Z,63nm,0.9s					
VAH	Vaihoo	73.93 260	eP	P	04 57 53.8	+1.6
ISCO	comp=Z,162nm,1.0s					
GSC	Goldstone, Bar	73.99 321	P	P	04 57 53.8	+1.6
ISCO	comp=Z,90nm,1.3s					
GSC	Goldstone, Bar	73.99 321	P	P	04 57 53.6	+1.4
ISCO	baz=135,SNR=52					
GSC	Goldstone, Bar	73.99 321	P	P	04 57 53.8	+1.6
ISCO	comp=Z,90nm,1.2s					
PASC	Pasadena Art C	74.02 319	P	P	04 57 53.8	+1.5
ISCO	comp=Z,103nm,1.2s					
RDMU	Red Mountain	74.09 329	IAMB	IAMB	04 57 54.9	
ISCO	comp=Z,59nm,0.8s					
SHOC	Shoshone, Teco	74.11 322	P	P	04 57 53.9	+1.1
ISCO	baz=138,SNR=5.4					
DECC	Green Verdugo	74.17 319	P	P	04 57 54.4	+1.3
ISCO	baz=134,SNR=7.9					
SNCC	San Nicolas Is	74.21 318	P	P	04 57 54.4	+1.0
ISCO	baz=133					
PMOR	Pomariore Rio	74.26 260	eP	P	04 57 55.7	+1.6
ISCO	comp=Z,152nm,1.1s					
K22A	Casper	74.38 332	P	P	04 57 55.4	+1.1
ISCO	baz=145,SNR=20					
K22A	Casper	74.38 332	IAMB	IAMB	04 57 56.6	
ISCO	comp=Z,96nm,1.2s					
EDW2	Edwards Ar, Fo	74.40 320	P	P	04 57 55.6	+1.1
ISCO	baz=134,SNR=34					
QSM	Queen of Sheba	74.50 321	P	P	04 57 54.6	-0.4
ISCO	comp=Z,82nm,1.1s					
QSM	Queen of Sheba	74.50 321	P	P	04 57 57.4	
ISCO	comp=Z,60nm,0.9s					
PRN	Pahroc Range	74.51 323	IAMB	IAMB	04 57 58.4	
ISCO	comp=Z,82nm,1.1s					
GWY	Greenwater Val	74.54 322	IAMB	IAMB	04 57 57.8	
ISCO	comp=Z,63nm,0.9s					
RSSD	Black Hills	74.56 335	P	P	04 57 56.0	+0.5
ISCO	comp=Z,66nm,0.9s					
RSSD	Black Hills	74.56 335	P	P	04 57 56.4	+0.9
ISCO	baz=147					
RSSD	Black Hills	74.56 335	P	P	04 57 56.0	+0.5
ISCO	comp=Z,66nm,0.9s					
LRMC	Laurel Mtn Rad	74.63 320	P	P	04 57 57.2	+1.3
ISCO	baz=134,SNR=7.6					
OSI	Osito Audit: C	74.65 319	P	P	04 57 57.1	+1.1
ISCO	baz=134					
OSI	Osito Audit: C	74.65 319	IAMB	IAMB	04 57 58.3	
ISCO	comp=Z,96nm,1.1s					
MPU	Maple Canyon	74.67 327	IAMB	IAMB	04 57 58.6	
ISCO	comp=Z,63nm,1.0s					
SYO	Syowa Base	74.67 159j	eP	P	04 57 55.8	+0.3
ISCO	comp=Z,96nm,1.1s					
SYO	Syowa Base	74.67 159j	eP	P	04 58 08.0	-1.2
ISCO	comp=Z,18.6					
PSUT	Pine Spring	74.69 325	IAMB	IAMB	04 57 59.1	

SCZ2	comp=Z,64nm,0.9s					
FURC	Santa Cruz Isl	74.78 318	P	P	04 57 57.9	+1.2
ISCO	baz=133,SNR=5.3					
PAE	Purnea Creek,	74.85 322	P	P	04 57 58.5	+1.6
ISCO	baz=135,SNR=63					
PPT2	comp=Z,21nm,1.1s					
PPT2	Papeete2	74.86 257	eP	P	04 57 59.3	+1.6
ISCO	comp=Z,105nm,1.4s					
PPT2	Papeete2	74.86 257	eLR	LR	05 20 49.3	
ISCO	comp=Z,1um,34.0s					
B35A	Bob, Liletlet	74.88 343	IAMB	IAMB	04 57 57.7	
ISCO	comp=Z,74nm,0.9s					
PPT	Papeete	74.88 257	P	P	04 57 59.9	+2.2
ISCO	comp=Z,54nm,0.9s,baz=42,slow=12,SNR=3.6					
PPT	Papeete	74.88 257	eLR	LR	05 21 37.4	
ISCO	comp=Z,156nm,19.6s,baz=146,slow=28					
VNDA	Vanda	74.92 190	P	P	04 57 58.3	+1.4
ISCO	comp=Z,22nm,0.9s,baz=135,slow=5.3,SNR=97					
VNDA	Vanda	74.92 190	P	P	04 57 57.6	+0.7
ISCO	comp=Z,72nm,0.7s					
JLU	Jordanelle	74.92 328	IAMB	IAMB	04 58 00.6	
ISCO	comp=Z,52nm,0.8s					
ARVC	Arvin	75.06 320	P	P	04 57 59.7	+1.4
ISCO	baz=134,SNR=8.6					</

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

WEL 09 05:39.51-1.2, 31'S 117°E, 2'6, h241km, 36km, M4.6/2, ML4.6/5, MLV4.6/2, Error ellipse: s-maj=0.0km s-min=0.0km az=109.6, Kermadec Islands region

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

IDC 09 05:50.21-1.9, 30°67'S x 71°01'W, h0km, mb3.9/3, mb1.4, 0.6, mb1mx3.7/26, mbtrmp3.9/6, ML3.8/3, MS3.1/1, Ms1.3/1.1, ms1mx2.7/23, Error ellipse: s-maj=47.2km s-min=34.9km az=85.0

SJA 09 05:50.26 0.30, 24S:71.65W, h10km, ML4.0, NEIC 09 05:50.28 1.2, 7.30, 23S:0.04:71.6W:0.1, h13km, 8km, Error ellipse: s-maj=13.9km s-min=2.8km az=110.0

GUC 09 05:50.28 7.0, 9.30, 28S:71.39W, h50km, 3km, ML4.4, ISC 09 05:50.27 9.8, 30.22S:0.03:71.59W:0.06, h49km, 8km, n93, e1568/102, mb4.1/6, 3C-8R, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO06, CO06, CO05, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VA05, ARCO, MT09, etc.

IDC 09 05:52.38 6.2, 7.5, 89N-93.16E, h0km, mb3.4/3, mb1.3/7.5, mb1mx3.4/52, mbtrmp3.5/5, ML4.0/2, Error ellipse: s-maj=89.4km s-min=25.6km az=60.0, Off west coast of northern Sumatra

AFRICA 09 05:50.55 4.0, 6.25, 36S:29.97E, h10km, MD3.6, BUL 09 05:50.55 5.0, 3.25, 37S:29.84E, h10km, MD3.7, South Africa

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, WB2, WR0, etc.

FUNUV 09 05:55.59 2.8, 50N:71.38W, h1km, MW3.0, ISC 09 05:55.75 1.6, 8.53N:0.03:71.39W:0.03, h6km, 12km, n41, e193/75, 1C, Venezuela

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

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like BBOO Buckleboo, GNI Garni, SVE Sverdlövs, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like KLMR Tiksi, TIRX Tiks, TIRI Tirsor, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like PSZ Piszkesteto, SLIT Siltere, BOS Boshof, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like MOTA Moosalm, NORSAR Array S, Namsos, WIN Windhoek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like KS20 Mayfield South, KS20 Salt Plains WL, KAN06 Argonia West S, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like ABKAR comp=2.4,0nm,0.8s, STKA Stephens Creek, BRTR Keegan Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UPM Unac-Piva, GRUS Gruza, BRY Bratogost, etc.

IDD 09 06:55:60.0.0.9, 6.37N, 94.57E, h0km, mb3.9/15, mb1 4.0/17, mb1mx3.9/50, mbtmp3.9/17, ML4.0/2, MS3.3/1, Ms1 3.3/1, ms1mx2.7/45, Error ellipse: s-maj=41.8km s-min=15.8km az=54.0

NEIC 09 06:56:02.6.1.9, 6.51N, 94.29E, h10km, m2km, mb4.4/14, Error ellipse: s-maj=35.6km s-min=8.9km az=210.0

ISC 09 06:56:01.5.0.7, 6.4N, 94.1, h10km, n40, r1502/37, mb4.1/23, Nicobar Islands region

Main table for 9d 7h section, listing station codes (LHMI, PSI, CMAR, etc.), station names, and various parameters like Az, Time, Res, ISC.

IDD 09 06:56:57.6.1.9, 6.50N, 94.40E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.6/45, mbtmp3.8/6, Error ellipse: s-maj=94.1km s-min=24.6km az=56.0, Nicobar Islands region

Table for 9d 7h section, listing station codes (MKAR, SONMI, WRA, etc.), station names, and various parameters.

IDD 09 07:00:55.6.1.3, 6.61N, 94.85E, h0km, mb3.7/9, mb1 3.8/10, mb1mx3.6/47, mbtmp3.7/10, ML3.4/1, MS3.8/1, Ms1 3.8/1, ms1mx2.9/42, Error ellipse: s-maj=62.6km s-min=19.1km az=54.0

ISC 09 07:00:57.6.1.2, 6.7N, 94.2, h10km, n14, r0598/10, mb3.8/9, Nicobar Islands region

Table for 9d 7h section, listing station codes (PSI, H08S3, H08S2), station names, and various parameters.

Table for 2015 NOV section, listing station codes (H08S1, MKAR, SONMI, etc.), station names, and various parameters.

IDD 09 07:02:53.2.0.5, 6.66N, 94.82E, h0km, mb4.2/21, mb1 4.3/23, mb1mx4.1/49, mbtmp4.2/23, ML4.3/2, Error ellipse: s-maj=22.8km s-min=12.1km az=57.0

DJA 09 07:02:56.3.0.4, 6.7N, 94.9, h10km, M4.8/19, mb5.5/5, mb4.6/19, MLv4.8/4, Mw(mb)5.0/5

NEIC 09 07:02:56.4.1.9, 6.58N, 94.07, h10km, m1km, mb4.7/37, Error ellipse: s-maj=13.8km s-min=11.3km az=294.0

ISC 09 07:02:55.3.0.4, 6.61N, 94.007, 94.66E, h10km, n96, r130/92, mb4.6/42, Nicobar Islands region

Main table for 2015 NOV section, listing station codes (LHMI, PSI, CMAR, etc.), station names, and various parameters.

IDD 09 07:05:10.2.0.8, 6.42N, 94.63E, h0km, mb4.1/17, mb1 4.2/19, mb1mx4.0/50, mbtmp4.1/19, ML4.3/2, Error ellipse: s-maj=30.6km s-min=15.5km az=56.0

NEIC 09 07:05:13.9.1.4, 6.64N, 94.09, h10km, m1km, mb4.6/17, Error ellipse: s-maj=16.4km s-min=15.7km az=266.0

ISC 09 07:05:12.7.0.6, 6.52N, 94.7, h10km, n52, r1509/45, mb4.3/23, Nicobar Islands region

Table for 2015 NOV section, listing station codes (LHMI, PSI, CMAR, etc.), station names, and various parameters.

Table for 2015 NOV section, listing station codes (ARU, KMBO, STKA, etc.), station names, and various parameters.

IDD 09 07:05:12.0.2.8, 6.42N, 94.63E, h0km, mb4.1/17, mb1 4.2/19, mb1mx4.0/50, mbtmp4.1/19, ML4.3/2, Error ellipse: s-maj=30.6km s-min=15.5km az=56.0

NEIC 09 07:05:13.9.1.4, 6.64N, 94.09, h10km, m1km, mb4.6/17, Error ellipse: s-maj=16.4km s-min=15.7km az=266.0

ISC 09 07:05:12.7.0.6, 6.52N, 94.7, h10km, n52, r1509/45, mb4.3/23, Nicobar Islands region

Table for 2015 NOV section, listing station codes (ARU, KMBO, STKA, etc.), station names, and various parameters.

IDD 09 07:05:12.0.2.8, 6.42N, 94.63E, h0km, mb4.1/17, mb1 4.2/19, mb1mx4.0/50, mbtmp4.1/19, ML4.3/2, Error ellipse: s-maj=30.6km s-min=15.5km az=56.0

NEIC 09 07:05:13.9.1.4, 6.64N, 94.09, h10km, m1km, mb4.6/17, Error ellipse: s-maj=16.4km s-min=15.7km az=266.0

ISC 09 07:05:12.7.0.6, 6.52N, 94.7, h10km, n52, r1509/45, mb4.3/23, Nicobar Islands region

Table for 2015 NOV section, listing station codes (WRA, ARCS, etc.), station names, and various parameters.

IDD 09 07:05:12.0.2.8, 6.42N, 94.63E, h0km, mb4.1/17, mb1 4.2/19, mb1mx4.0/50, mbtmp4.1/19, ML4.3/2, Error ellipse: s-maj=30.6km s-min=15.5km az=56.0

NEIC 09 07:05:13.9.1.4, 6.64N, 94.09, h10km, m1km, mb4.6/17, Error ellipse: s-maj=16.4km s-min=15.7km az=266.0

ISC 09 07:05:12.7.0.6, 6.52N, 94.7, h10km, n52, r1509/45, mb4.3/23, Nicobar Islands region

Table for 2015 NOV section, listing station codes (WRA, ARCS, etc.), station names, and various parameters.

IDD 09 07:05:12.0.2.8, 6.42N, 94.63E, h0km, mb4.1/17, mb1 4.2/19, mb1mx4.0/50, mbtmp4.1/19, ML4.3/2, Error ellipse: s-maj=30.6km s-min=15.5km az=56.0

NEIC 09 07:05:13.9.1.4, 6.64N, 94.09, h10km, m1km, mb4.6/17, Error ellipse: s-maj=16.4km s-min=15.7km az=266.0

ISC 09 07:05:12.7.0.6, 6.52N, 94.7, h10km, n52, r1509/45, mb4.3/23, Nicobar Islands region

Table for 2015 NOV section, listing station codes (WRA, ARCS, etc.), station names, and various parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like AKASG Malin Array Be, FIAT FINESS Array S, etc.

BUI 09 07:07:39.2±0.0, 6.01°N, 94.36°E, h20km, mB4.8/18, mb4.6/39, Ms4.7/12, Ms7.4/4/13
IDC 09 07:07:41.5±0.5, 6.66°N, 94.95°E, h0km, mb4.4/26, mb1.4/26, mb1mx3.4/50, mbtmp4.4/26, MS3.8/1, Ms1.3.8/1, ms1mx3.1/40, Error ellipse: s-maj=2.1, 7km s-min=12.6km az=61.0
NEIC 09 07:07:44.3±1.6, 6.54°N, 0.10.94.63E:0.10, h13km, 5km, mb4.8/42, Error ellipse: s-maj=17.5km s-min=9.1km az=46.0

ISC 09 07:07:43.6±0.4, 6.55°N, 0.06.94.64E:0.06, h10km, n124, r135/126, mb4.6/60, MS4.3/6, 1C-1D, Nicobar Islands region

Main table of station data for the left column, including stations like LHMI Lhok Sumawe, PBA Port Blair, PSI Prapat, etc.

Main table of station data for the middle column, including stations like WB0 Warramunga Arr, WRA Warramunga Arr, WRAB Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, MKAR Makanchi Array, etc.

IDC 09 07:13:24.8±0.4, 6.41°N, 94.67°E, h0km, mb4.5/33, mb1.4/34, mb1mx4.5/51, mbtmp4.5/34, ML4.5/1, MS4.1/31, Ms1.4/31, ms1mx4.0/43, Error ellipse: s-maj=16.6km s-min=10.6km az=51.0

BUI 09 07:13:25.0±0.0, 6.14°N, 94.70°E, h27km, mB5.0/24, mb4.6/48, Ms4.8/23, Ms7.4/4/23

NEIC 09 07:13:27.2±1.9, 6.51°N, 0.07.94.73E:0.08, h10km, 1km, mb4.9/76, Error ellipse: s-maj=14.8km s-min=10.2km az=55.0

GCMT 09 07:13:29.8±0.3, 6.49°N, 0.02.94.91E:0.02, h17km, 1km, MV4.8/92, Moment Tensor Solution. s11,c12; s92,c122; Duration: 0 Moment tensor: Scale 1016Nm; Mr-0.02z-12; Mru-2.16z-10; Msz-2.18z-10; Mm-0.77z-29; Mw0.53z-09; Mw-0.53z-27. Best double couple: M2.40200x1016 Np1=1.42, 0.0000x; 368.0000x; 1-1.173, 0.0000x. NP2: 0.52, 0.0000x; 889.0000x; 1-22.0000x. Principal axes: T 2.4040, P1g15.0000x, Azm99.0000x; N -0.0010, P1g68.0000x, Azm230.0000x; P -2.4000, P1g15.0000x, Azm5.0000x; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 09 07:13:31.7±0.5, 6.5°N, 5.9°E, 1.1, h10km, M5.1/10, mb5.8/5, mb4.8/10, MLV5.1/6, Mw(m)B5.4/5

ISC 09 07:13:26.5±0.3, 6.48°N, 0.05.94.64E:0.06, h10km, n208, r127/199, mb4.7/88, MS4.2/35, 1C-1D, Nicobar Islands region

Main table of station data for the right column, including stations like LHMI Lhok Sumawe, LHMI Lhok Sumawe, MSLI Meulaboh, etc.

IDC 09 07:08:48.3±1.6, 6.44°N, 94.64°E, h0km, mb4.3/8, mb1.4/4/8,

ellipse: s-maj=12.8km s-min=10.5km az=164.5
 NIED 09:07:25:58.8, 43.98N, 147.93E, h0km, MW4.1, Moment
 Tensor Solution. s3 Moment tensor: Scale 1015Nm;
 M1=0.68; M2=0.14; M3=0.82; M4=1.00; M5=0.08; M6=0.85;
 Fault plane solution: Mo1.49000x10¹⁵ NP1:
 p=217.00000°, s=678.00000°, t=-69.00000°. NP2:
 p=336.00000°, s=24.00000°, t=-149.00000°
 JMA 09:07:25:58.7, 0.3, 43.98N, 147.93E, h0km, M4.6
 SKHL 09:07:25:59.3, 0.6, 44.40N, 148.20E, h75km, 4km, mb5.2/3
 ISC 09:07:25:56.2, 0.4, 44.26N, 148.00E, h1.0, h4km, 16km,
 n56, r150/69, mb4.07, 7C-5D, Kuril Islands

Code	Station Name	A ¹	AZ ²	Phase	ISC	h	m	s	ISC	Time	Res
KUR	Kuril'sk	1.05	338	iP	Pn	07	26	15.4	+0.7		
KUR	Kuril'sk			iS	Sn	07	26	27.4	-0.8		
KUR	comp=Z,1.0m,0.4s				pmax						
KUR	comp=E,525nm,0.1s				pmax						
KUR	comp=N,348nm,0.3s				pmax						
KUR	comp=E,3.0m,0.5s				smax						
KUR	comp=N,1.0m,0.3s				smax						
KUR	Kuril'sk	1.05	338	iP	Pn	07	26	15.1	+0.4		
KUR	Kuril'sk			AMB	AMB	07	26	15.9			
KUR	comp=N,1.0m,0.4s				iS	07	26	27.4	-0.8		
KUR	comp=N,1.0m,0.4s				A	07	26	28.0			
KUR	comp=N,1.0m,0.4s				A	07	26	28.0			
YUK	Yuzh-Kuril'sk	1.85	264	dIPN	Pn	07	26	26.8	+1.1		
YUK	Yuzh-Kuril'sk			eS	Sn	07	26	47.2	-0.8		
YUK	comp=N,260nm,0.1s				pmax						
YUK	comp=E,250nm,0.1s				pmax						
YUK	comp=Z,1.0m,0.1s				pmax						
YUK	comp=N,2.0m,0.4s				smax						
YUK	comp=E,2.0m,0.4s				smax						
YUK	Yuzh-Kuril'sk	1.85	264	iP	Pn	07	26	26.8	+1.1		
YUK	Yuzh-Kuril'sk			AMB	AMB	07	26	28.0			
YUK	comp=E,750nm,0.2s				eS	07	26	45.7	-2.3		
YUK	comp=E,2.0m,0.4s				A	07	26	49.0			
YUK	comp=E,3.0m,0.4s				A	07	26	49.0			
NEM2	Nemuro 2	2.13	246	p	Pn	07	26	29.9	+0.3		
NEM2	Nemuro 2			eS	Sn	07	26	52.1	-2.7		
NMR	Nemuro-Hokkai	2.14	246	iP	Pn	07	26	29.9	+0.3		
NMR	Nemuro-Hokkai			iS	Sn	07	26	53.0	-2.0		
NMR	comp=N,136nm,0.1s				pmax						
NMR	Nemuro-Hokkai	2.14	246	iP	Pn	07	26	30.0	+0.3		
NMR	Nemuro-Hokkai			iS	Sn	07	26	53.2	-1.8		
GLVR	Golovino	2.16	257	eP	Pn	07	26	31.0	+1.2		
GLVR	Golovino			eS	Sn	07	26	55.7	+0.3		
GLVR	comp=Z,333nm,0.1s				pmax						
GLVR	comp=N,4.0m,0.2s				smax						
GLVR	comp=E,1.0m,0.2s				smax						
GLVR	Golovino	2.16	257	eP	Pn	07	26	31.1	+1.2		
GLVR	Golovino			AMB	AMB	07	26	32.0			
GLVR	comp=E,330nm,0.3s				eS	07	26	55.0	-0.4		
GLVR	comp=E,3.0m,0.4s				A	07	27	00.0			
GLVR	comp=E,1.0m,0.4s				A	07	27	00.0			
RUSJ	Misakicho	2.29	267	iP	Pn	07	26	33.4	+1.7		
RUSJ	Misakicho			eS	Sn	07	26	59.0	+0.2		
JRA	Raisu	2.40	263	p	Pn	07	26	34.7	+1.5		
JRA	Raisu			eS	Sn	07	27	01.3	-0.0		
JNSB	Nemuroshibetsu	2.51	260	p	Pn	07	26	36.3	+1.5		
JKNH	Kushirohamanak	2.64	245	p	Pn	07	26	37.5	+1.0		
JNK	Nakash	2.76	257	p	Pn	07	26	39.3	+1.1		
JNK	Nakash			eS	Sn	07	27	09.1	+1.1		
AKK	Akkeshi	2.88	246	eP	Pn	07	26	40.7	+0.9		
AKK	Akkeshi			eS	Sn	07	27	10.8	-2.4		
AKK	Akkeshi	2.98	246	eP	Pn	07	26	42.0	+0.8		
AKK	Akkeshi			eS	Sn	07	27	14.1	-1.6		
JTKR	Abashiri-Toko	3.26	266	p	Pn	07	26	56.0	+1.1		
JAR	Ashorobuto	3.50	256	p	Pn	07	26	50.0	+1.6		
JAR	Ashorobuto			eS	Sn	07	27	27.9	-0.7		
JOB	Onbets	3.60	249	p	Pn	07	26	51.1	+1.4		
JOB	Onbets			eS	Sn	07	27	29.5	-1.3		
JMP	Maruseppu	3.65	248	p	Pn	07	26	52.3	+1.8		
JCH	Churui	4.03	248	p	Pn	07	26	56.0	+1.1		
JCH	Churui			eS	Sn	07	27	39.1	-2.5		
JKK2	Kamakawa 2	4.11	267	p	Pn	07	26	59.4	+2.7		
JKA	Kamikawa-asahi	4.19	270	eP	Pn	07	27	00.2	+2.4		
ASAJ	Asahikawa	4.19	270	Pn	Pn	07	27	00.2	+2.4		
ASAJ	Asahikawa			Sn	Sn	07	27	56.7	+1.1		
JFR	Furan	4.36	257	p	Pn	07	27	03.1	+2.9		
ERM	Erimo	4.46	242	eP	Pn	07	27	05.0	+3.5		
JNSK	Urakawa-nobuka	4.59	246	p	Pn	07	27	04.3	+1.0		
YSS	Yuzh-Sakhalins	4.80	306	eP	Pn	07	27	07.0	+0.8		
YSS	Yuzh-Sakhalins			MLR	MLR						
YSS	comp=Z,700nm,12.0s				pmax						
YSS	Yuzh-Sakhalins	4.80	306	eP	Pn	07	27	07.0	+0.8		
JKB	Kayabe	5.91	249	p	Pn	07	27	30.0	+1.6		
JKB	Kayabe			eS	Sn	07	28	26.1	-1.6		
MAJO	Matsushiro	10.95	229	eP	Pn	07	28	30.4	-0.1		
VLA	Vladivostok	12.03	270	eP	Pn	07	28	44.1	-1.1		
VLA	Vladivostok			eP	Pn	07	28	44.1	-1.1		
BILL	Bilibino	25.02	170	eP	Pn	07	31	21.5	+0.1		
BILL	Bilibino			e	Pn	07	31	59.9			
BILL	comp=Z,7.0nm,1.4s				pmax						
BILL	comp=Z,7.0nm,16.0s				MLR						
BILL	Bilibino	25.02	15	eP	Pn	07	31	21.5	+0.1		
H1N2	WAKE ISLAND Hy	28.91	142	T	T	08	02	41.5			
H1N1	WAKE ISLAND Hy	28.92	142	T	T	08	02	41.5			
H1N3	WAKE ISLAND Hy	28.93	142	T	T	08	02	42.3			
SOM3	Songino Array	29.12	292	P	P	07	31	54.0	+0.8		
SOM3	Songino Array			P	P	07	31	54.0	+0.8		
H1S1	WAKE ISLAND Hy	29.90	143	T	T	08	03	53.3			
H1S3	WAKE ISLAND Hy	29.91	143	T	T	08	03	54.2			
H1S2	WAKE ISLAND Hy	29.92	143	T	T	08	04	04.0			
NRK	Noril'sk	39.25	331	eP	Pn	07	33	18.1	-2.1		
NRK	Noril'sk			pmax	pmax						
COLA	College	40.12	36	eP	Pn	07	33	27.2	-0.3		
COLA	College			pmax	pmax						
ZALV	Zalesovo Beam	41.42	307	PcP	PcP	07	35	36.4	+0.8		
MK31	Makanchi Array	45.16	298	eP	Pn	07	34	08.8	+0.1		
MKAR	Makanchi Array	45.16	298	P	P	07	34	08.6	-0.1		
KURK	Kurchatov	46.01	304	P	P	07	34	14.4	-0.8		
KURK	Kurchatov			eP	Pn	07	34	14.4	-0.8		
KURB	Kurchatov Arra	46.09	304	P	P	07	34	14.4	-1.6		
KURB	Kurchatov Arra			P	P	07	34	14.4	-1.6		
KURBB	comp=Z,0.4nm,0.4s,baz=73,slow=3.5			PcP	PcP	07	35	52.7	+1.2		
AAK	Ala-Archa	51.96	296	eP	Pn	07	35	00.1	-1.1		
AAK	Ala-Archa			pmax	pmax						
AAN	Ala-Archa	51.96	296	eP	Pn	07	35	00.1	-1.1		
FINES	FINES Array B	64.83	333	P	P	07	36	29.6	-0.8		
FINES	FINES Array B			P	P	07	36	31.5	+1.1		
FINES	FINES Array B			pmax	pmax						

comp=Z,1.0nm,0.6s
 WRA Warramunga Arr 65.17 195 i P P 07 36 34.4 +1.4
 WRA Warramunga Arr 65.17 195 pmax P 07 36 34.4 +1.4
 comp=Z,7.0nm,0.6s
 IDC 09:07:27:05.9, 0.9, 13.89N, 58.23W, h0km, mb4.1/8,
 mb1.4/2.1, mb1mx3.9/3, mbtmp3.9/11, ML4.3/3, MS3.3/1,
 M1.3/3.1, ms1mx2.7/32, Error ellipse: s-maj=23.4km
 s-min=20.8km az=85.0
 NEIC 09:07:27:07.3, 1.7, 13.94N, 0.06, 58.2W, 0.1, h2km, 3km,
 mb4.0/6, Error ellipse: s-maj=19.0km s-min=3.2km
 az=77.0
 TRN 09:07:27:09.6, 13.96N, 58.48W, h96km, MD4.1
 ISC 09:07:27:08.5, 1.7, 13.93N, 0.04, 58.34W, 0.06, h26km, 12km,
 n97, r189/118, mb3.7/6, North Atlantic Ocean

Code	Station Name	A ¹	AZ ²	Phase	ISC	h	m	s	ISC	Time	Res
BBSF	Saint Philip	1.37	233	Op	ISC	07	27	33.8	+0.3		
BBSF	Saint Philip			eS	Sb	07	27	52.5	+2.0		
BBSF	Saint Philip			eS	Sb	07	27	34.7	+0.3		
BBSF	Saint Philip			eS	Sb	07	27	52.7	+0.5		
BBSF	Saint Philip			eS	Sb	07	27	34.8	+0.3		
BBSF	Saint Philip			eS	Sb	07	27	36.1	+0.5		
BBSF	Saint Philip			eS	Sb						

Table with columns: ID, Name, RA, Dec, Mag, Type, Status, and other parameters. Includes entries like GMRC Granite Mounta, 001.01 48 P, and others.

Table with columns: ID, Name, RA, Dec, Mag, Type, Status, and other parameters. Includes entries like AKASG Malin Array Be, 151.35 319 PKPbc, and others.

Table with columns: ID, Name, RA, Dec, Mag, Type, Status, and other parameters. Includes entries like CM31 Chiang Mai Arr, 12.65 19 P, and others.

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

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TBI, PPT2, PPT2, etc.

NEIC 09 08:26:07.5:1.2;85S:0.09;166:9E:0.1, h112km, 7km, mb4.8/5.1, Error ellipse: s-maj=16.7km s-min=12.3km

IDC 09 08:26:07.2:0.9;12:90S:166:74E; h108km, 6km, mb4.4/1.7, mb1.4/5.19, mb1mx4.4/30, mbmp4.8/19, MS4.6/2, Ms1.4/6.2, ms1mx3.4/34, Error ellipse: s-maj=17.1km s-min=11.7km az=105.0

BUI 09 08:26:08.1:0.0, 12:27S:166:85E; h110km, mb5.6/9, mb4.8/29

NOU 09 08:26:09.1, 12:89S:166:72E; h115km, mb5.0/41, Santa Cruz Islands

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

Table with columns: DZM, Mont Dzumac, 142nm, 0.7s, 9.14 182 ePn, Pn, 08 28 18.0 +2.7, etc.

Table with columns: MEEK, Meekatharra, 47.13 246 P P, P, 08 34 28.4 -0.2, etc.

Table with columns: STKA, Stephens Creek, 31.33 232 P P, P, 08 44 17.4 +1.2, etc.

Code Station Name Az AZZ Op Phase ID Time Res h m s ISC
DZM Mont Dzumac 8.29 205 Op P 08 40 48.6 +3.4

Code Station Name Az AZZ Op Phase ID Time Res h m s ISC
LHMI Lhok Sumawe 3.0 112 Pn Pn 09 02 34.0 +0.1

9d 13h

Table with columns: IUG, CHGR, Chuyangaron, 67.88 309 P, P, 14 10 25.9 -0.6, etc. Lists various stations and their coordinates.

2015 NOV

Table with columns: SWSC, Sam W. Stewart, 96.61 58 P, P, 14 11 09.4 +2.5, etc. Lists stations and their coordinates.

584

Table with columns: DZA, baz=359, 6.13 360 ePN, Pn, 14 00 13.9 -0.8, etc. Lists stations and their coordinates.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KOLDANDA, WMQ, ZSN, KURB, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ARU, ZEI, GEA, KBZ, NEY, GOF, BEL, KIV, SHAO, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OJC, ITM, LANS, FRGS, VYHS, etc.

GMLD	Gumuldur	0.63 136	PG	Pg	14 24 58.2 -0.9
GMLD			SG	Sg	14 25 07.1 -0.2
DGB	zmir	0.63 139	iP	Pg	14 24 57.8 -1.4
DGB			SG	Sg	14 25 07.0 -0.3
DKL	Dikili	0.69 38	iP	Pg	14 24 58.9 -1.3
ZEDA	zmir-Bergama	0.71 52	iP	Pg	14 25 12.2 -0.7
ZEDA			S	Sb	14 25 11.2 +0.4
PRK	Paraskevi	0.72 354	P	Pn	14 25 12.2 +0.1
PRK			S	Sb	14 25 01.2 +0.4
PRK			S	Sb	14 25 11.1 -1.0
PRK			AML	AML	14 25 13.6
PRK	comp=E,61001um,0.5s				14 25 14.7
SIGR	SIGRI	0.79 330	P	Pg	14 25 01.8 -0.3
SIGR			S	Sb	14 25 13.5 -0.6
SIGR	comp=N,9um,0.4s				14 25 01.5 -0.6
SIGR	SIGRI	0.79 330	P	Pg	14 25 01.5 -0.6
SIGR			S	Sb	14 25 13.7 -0.5
SIGR			AML	AML	14 25 14.3
SIGR	comp=E,19394um,0.5s				14 25 14.9
SIGR	comp=N,16069um,0.4s				14 25 01.9 -0.2
SMG	SMG	0.79 330	PG	Pg	14 25 03.9 -0.4
SMG	SMG	0.90 155	P	Pn	14 25 17.6 +0.1
SMG	SMG		S	Sb	14 25 03.6 -0.7
SMG	SMG	0.90 155	P	Pn	14 25 16.5 +0.4
SMG	SMG		S	Sb	14 25 17.8
SMG	SMG		AML	AML	14 25 17.8
SMG	SMG		AML	AML	14 25 17.9
SPGR	Gulpinar-Canak	0.94 349	PG	Pg	14 25 05.1 0.0
SPGR	Canakale, Ayy	0.98 350	iP	Pg	14 25 04.8 -1.1
KOCA	KOCA		S	Sb	14 25 18.8 0.0
GUAMA	G?zelcam?!	1.08 140	PG	Pg	14 25 06.2 -1.5
BCHA	Balikesir, Bur	1.12 30	iP	Pg	14 25 06.2 -2.3
BCHA			S	Sb	14 25 11.5 0.0
AKS	Akhisar	1.19 73	PN	Pn	14 25 08.9 -0.9
GOM	Golmarmara-Man	1.23 81	PN	Pn	14 25 09.3 -1.3
DDIM	Ayidin, Didim	1.28 147	iP	Pg	14 25 09.7 -1.8
DDIM			S	Sb	14 25 28.3 +0.0
EZN	Ezine	1.29 359	S	Sb	14 25 09.9 -1.8
EZN			S	Sb	14 25 29.0 -0.4
EZN	comp=N,3um,0.5s				14 25 09.6 -2.1
EZN	Ezine	1.29 359	PN	Pn	14 25 10.1 -2.2
BOZC	Bozcaada	1.33 350	iP	Pg	14 25 09.9 -2.3
BOZC	Bozcaada	1.33 350	PN	Pn	14 25 09.9 -2.3
AYDE	Zeytinokoy-Aydi	1.34 115	PN	Pn	14 25 10.0 -2.6
STEP	BALIKESIR_Sava	1.35 51	iP	Pg	14 25 10.0 -2.6
STEP			S	Sb	14 25 30.6 +0.2
SKY	Skiros Island	1.46 284	P	Pn	14 25 13.3 -0.7
SKY	Skiros Island	1.46 284	PN	Pn	14 25 12.2 -1.8
ECEA	Canakale, Ece	1.52 284	iP	Pg	14 25 12.6 -2.2
ECEA			S	Sb	14 25 35.2 0.0
YKAV	Yalikavak-BoDr	1.58 152	PN	Pn	14 25 15.0 -0.7
KARY	Karystos	1.59 252	PN	Pn	14 25 14.0 -1.9
BALB	Balikesir	1.62 46	PN	Pn	14 25 14.9 -1.3
LIA	Limnos Island	1.64 326	P	Pn	14 25 14.7 -1.8
LIA			S	Sb	14 25 36.4 -1.6
LIA	comp=N,772nm,0.6s				14 25 15.8 -0.7
LIA	Limnos Island	1.64 326	P	Pn	14 25 38.8 0.0
LIA			AML	AML	14 25 40.9
LIA	comp=E,1802um,0.5s				14 25 41.3
LIA	comp=N,1197um,0.7s				14 25 14.5 -2.1
BODT	Bodrum	1.65 153	P	Pn	14 25 36.5 -1.7
BODT			S	Sb	14 25 14.5 -2.7
MLSB	Milas	1.67 137	PN	Pn	14 25 14.8 -2.1
GADA	Gvkgeada	1.69 348	P	Pn	14 25 15.5 -1.8
GADA	Gvkgeada	1.69 348	PN	Pn	14 25 15.7 -1.6
GOKC	Gokceada-Canak	1.70 348	PN	Pn	14 25 15.3 -2.0
MAANT	Manisa	1.72 91	iP	Pg	14 25 15.2 -2.0
MAANT			S	Sb	14 25 30.8 -0.6
KYMI	Kymi, Euboea I	1.78 274	S	Sb	14 25 15.8 -2.6
KYMI			S	Sb	14 25 38.4 -2.9
KYMI	comp=N,250nm,0.8s				14 25 19.6 -0.5
KYMI	Kymi, Euboea I	1.78 274	P	Pn	14 25 17.3 -1.5
KULA	Kula-Manisa	1.80 90	P	Pn	14 25 17.3 -1.5
KULA			S	Sb	14 25 41.8 -0.3
KULA	Kula-Manisa	1.80 90	PN	Pn	14 25 17.4 -1.4
GONE	Gonen-Balikesi	1.83 34	PN	Pn	14 25 17.7 -1.4
KOSK	Kos Island	1.84 164	PN	Pn	14 25 17.9 -1.4
LPK	Lapsaki	1.87 3	PN	Pn	14 25 17.9 -1.7
GELI	Tayfur-Gelibol	1.87 3	PN	Pn	14 25 17.9 -1.7
DION	Dionisos Attik	1.96 257	P	Pn	14 25 18.9 -2.1
KRBG	Karabiga-Canak	2.00 21	PN	Pn	14 25 19.2 -2.2
PTL	Penteli	2.02 257	P	Pn	14 25 20.3 -1.5
NIS1	Nisyros Isl.	2.02 161	P	Pn	14 25 20.7 -1.2
NIS1	Nisyros Isl.	2.02 161	PN	Pn	14 25 20.7 -1.2
SMTH	Samothraki Isl	2.04 342	P	Pn	14 25 20.0 -2.0
SMTH	Samothraki Isl	2.04 342	PN	Pn	14 25 23.1 +1.1
SMTH			S	Sb	14 25 50.1 -0.1
SMTH			AML	AML	14 25 51.5
SMTH	comp=N,366um,0.5s				14 25 52.9
SMTH	comp=E,616um,0.4s				14 25 20.1 -2.0
DAT	Datca	2.04 151	P	Pn	14 25 19.8 -2.4
DAT	Datca	2.04 151	PN	Pn	14 25 19.7 -2.0
DST	Durnsunday	2.06 58	PN	Pn	14 25 21.7 -0.6
YER	Yerkesik	2.06 132	P	Pn	14 25 20.6 -1.8
YER	Yerkesik	2.06 132	PN	Pn	14 25 21.1 -1.3
ENZZ	Sultance-Enez	2.08 355	PN	Pn	14 25 21.7 -0.8
ATHU	Athens Unvers	2.11 255	P	Pn	14 25 21.7 -1.2
SIMA	Simav-Kutahya	2.12 74	PN	Pn	14 25 21.8 -1.3
VLY	Voula,Athens	2.13 252	P	Pn	14 25 21.8 -1.5
ERIK	Erikli-Kesan	2.14 3	PN	Pn	14 25 21.9 -1.4
EDC	Edincik	2.15 32	PN	Pn	14 25 21.7 -1.9
ATH	Athens Observa	2.16 256	P	Pn	14 25 22.1 -1.5
ENEZ	Enez	2.21 356	S	Sb	14 25 23.3 -0.6
ENEZ			S	Sb	14 25 23.3 -1.0
RKY	Sarkoy-Tekirda	2.24 16	PN	Pn	14 25 24.1 -0.7
THR3	Thira Island,	2.25 200	PN	Pn	14 25 22.4 -2.5
SNTS	Nea Kammeni, S	2.25 200	PN	Pn	14 25 22.5 -2.5
STAX	Taxiarchis Har	2.25 200	P	Pn	14 25 21.7 -0.9
MRMT	Marmara Adasi	2.28 24	PN	Pn	14 25 24.4 -0.9
MARE	Marsite Statio	2.28 18	PN	Pn	14 25 23.9 -1.4
SHAP	Saphane-Kutahy	2.29 77	PN	Pn	14 25 25.2 -0.3
MAR2	Marsite Statio	2.30 18	PN	Pn	14 25 24.9 -0.7
THR6	Thira Island,	2.30 200	P	Pn	14 25 23.1 -2.5
TURN	Turunc	2.30 347	PN	Pn	14 25 24.7 -0.9
KCTX	Karacabey (Bur	2.32 41	PN	Pn	14 25 24.9 -1.0
MARS	Marsite Statio	2.32 18	PN	Pn	14 25 24.7 -1.2
GZVK	Gazikoy-Tekird	2.33 18	PN	Pn	14 25 25.2 -0.8
ALN	Alexandropouli	2.38 354	S	Sb	14 25 25.2 -1.4
ALN			S	Sb	14 25 55.8 -0.3
ALN	comp=E,470nm,0.8s				14 25 25.8 -0.8
MHLO	Agia Marina, M	2.41 221	P	Pn	14 25 24.1 -3.0
VILL	Villia	2.43 262	P	Pn	14 25 26.0 -1.4
THAS	Thassos island	2.43 329	P	Pn	14 25 25.0 -2.2
GEDZ	Gediz	2.44 77	PN	Pn	14 25 26.3 -1.2
ORLT	Orhaneli	2.48 52	PN	Pn	14 25 26.9 -1.2
DALY	Dalyan (Mula)	2.50 133	PN	Pn	14 25 26.6 -1.6
PAIG	Paliouri	2.51 305	P	Pn	14 25 26.7 -1.7
OUR	Ouranopolis	2.58 315	P	Pn	14 25 27.6 -1.8
OUR	Ouranopolis	2.59 315	PN	Pn	14 25 27.7 -1.6
TVSB	Tavsanli	2.58 68	PN	Pn	14 25 29.1 -0.5
UKOP	Uzunkopr-Edir	2.60 4	PN	Pn	14 25 29.1 -0.6
XOR	Xorichti	2.61 290	P	Pn	14 25 27.6 -2.2
MDNY	Mudanya-Bursa	2.68 46	PN	Pn	14 25 29.7 -1.1
RDO	Rodhopy	2.69 347	PN	Pn	14 25 29.3 -1.6
RDO	Rodhopy	2.69 347	PN	Pn	14 25 29.7 -1.4
ARG	Arkhangelos	2.71 148	PN	Pn	14 25 29.7 -1.4
ARG	Arkhangelos	2.71 148	PN	Pn	14 25 30.2 -0.9
LTK	Loutraki	2.72 260	P	Pn	14 25 30.5 -0.9
LTK			S	Sb	14 26 04.0 -0.6
LTK	comp=E,230nm,0.7s				14 25 32.7 -0.1
CAME	Cameli-Denizli	2.82 123	PN	Pn	14 25 31.1 -1.9
KAVA	Kavala	2.84 331	P	Pn	14 25 32.6 -0.9
FETY	Fethiye	2.87 130	P	Pn	14 26 08.1 -0.3
FETY			S	Sb	14 25 32.2 -1.3
FETY	Fethiye	2.87 130	PN	Pn	14 25 32.7 -0.8

GEMT	Gemlik	2.90 48	PN	Pn	14 25 32.9 -0.9
BASM	Basmaki-Alyon	2.97 101	PN	Pn	14 25 34.1 -0.7
TRML	Termaal-Yalova	3.00 45	PN	Pn	14 25 34.9 -0.3
SLVT	Silivri	3.05 27	PN	Pn	14 25 34.9 -0.3
YLV	Yalova	3.05 48	PN	Pn	14 25 35.5 -1.0
CTKS	Kestaneelik-??a	3.17 23	PN	Pn	14 25 36.1 -1.1
AUBOZ	BOZUYUK	3.17 63	PN	Pn	14 25 36.8 -0.6
CAV	Cavusky	3.17 57	PN	Pn	14 25 36.8 -0.6
AGG	Agios Georgios	3.19 280	PN	Pn	14 25 36.9 -0.9
AGG	Agios Georgios	3.19 280	PN	Pn	14 25 37.6 -0.2
KDZ	Kurdzhail	3.20 347	iP	Pg	14 25 36.2 -1.7
GR	Gur	3.22 24	P	Pn	14 25 36.9 -0.6
ADVT	Abdulvahap	3.23 53	PN	Pn	14 25 38.2 -0.1
BGKT	Bogazkoy	3.23 34	PN	Pn	14 25 37.4 -1.0
HORT	Horiatiss	3.26 310	PN	Pn	14 25 37.9 -0.9
SOH	Sokhos	3.26 316	P	Pn	14 25 37.5 -1.3
VLI	Vellai	3.27 237	P	Pn	14 25 36.7 -2.2
KAVV	Kandilli-Istan	3.27 39	PN	Pn	14 25 37.9 -1.0
ISK	Istanbul-Kandi	3.27 39	PN	Pn	14 25 38.2 -0.7
SHUT	Shut-Afyon	3.28 88	PN	Pn	14 25 37.9 -1.3
CTVL	Yalikoy Yolu	3.29 26	PN	Pn	14 25 38.5 -0.7
EDRB	Edirne	3.32 5	PN	Pn	14 25 37.4 -2.2
ELL	Ellimali	3.34 218	PN	Pn	14 25 39.3 -0.6
MAKR	Makrakomi, Fth	3.34 280	P	Pn	14 25 38.3 -1.6
SRS	Serrai	3.35 321	P	Pn	14 25 38.4 -1.6
NVR	Kalavryta, Ach	3.35 323	P	Pn	14 25 38.5 -1.6
KLV	Nevrokopi	3.41 326	P	Pn	14 25 39.2 -1.6
KLY	Kilyos	3.41 305	PN	Pn	14 25 39.3 -1.5
ZKR	Zakro	3.41 182	PN	Pn	14 25 39.7 -0.2
HRT	Hereke	3.43 47	PN	Pn	14 25 40.1 -1.0
IDI	Ankyia	3.45 200	P	Pn	14 25 40.1 -1.3
BORA	Eskeisehir	3.45 66	PN	Pn	14 25 40.3 -1.2
AKAS	Kas	3.46 311	PN	Pn	14 25 40.1 -1.5
LAU	Laura	3.47 316	PN	Pn	14 25 39.5 -2.2
KTHA	Kythira Island	3.47 230	P	Pn	14 25 39.5 -2.2
EFP	Efpalio	3.50 270	P	Pn	14 25 40.8 -1.2
KTHR	Kythira	3.51 231	P	Pn	14 25 40.3 -1.9
KOR	Korkuelli	3.51 115	PN	Pn	14 25 41.7 -0.6
DIMIT	Dimitrovgrad	3.57 350	eP	Pg	14 25 41.4 -1.6
IMMV	Imvros Island	3.61 219	PN	Pn	14 25 41.3 -0.8
ANKY	Antikythira Is	3.61 224	P	Pn	14 25 41.3 -2.3
SRCK	Saricakaya, Es	3.64 64	PN	Pn	14 25 43.9 0.0
SILT	Sile	3.64 43	PN	Pn	14 25 43.7 -0.2
DRO	Drossia	3.71 262	P	Pn	14 25 44.4 -0.6
GULT	Gulveren	3.73 58	PN	Pn	14 25 44.8 -0.5
KNT	Kendrikon	3.74 316	PN	Pn	14 25 44.8 -0.6
KNT	Kendrikon	3.74 316	PN	Pn	14 25 44.8 -0.6
ITM	Ithomi	3.76 250	PN	Pn	14 25 44.8 -0.9
SAUV	Serdervan-Sakar	3.77 53	PN	Pn	14 25 45.9 +0.1
GRG	Griva	3.80 310	PN	Pn	14 25 47.0 -0.6
IMV	Imvros Island	3.82 2	iP	Pg	14 26 00.7 -1.7
SVRH	Sivrihisar-ESK	4.12 76	PN	Pn	14 25 50.9 +0.2
AUSIV	SIVRIHISAR	4.13 61	PN	Pn	14 25 50.9 0.0
MUDU	Mudurnu	4.21 61	PN	Pn	14 25 51.9 -0.1
STIP	Stip	4.50 316	iP	Pg	14 25 53.9 -1.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Grant County #, Manchester OK, Caldwell West, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 35.34 214, WAKE ISLAND Hy 35.35 214, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, IVOA Florida, etc.

IDC 09 15:30:27.3:1.2,51.59Nk,172.90W,h0km,mb3.6/8, mb1 3.2/10, mb1mx3.6/5.1, mbtmp3.6/10, ML3.2/2, MS2.8/1, Ms1 2.8/1, ms1mx2.3/4.2, Error ellipse: s-maj=36.9km s-min=19.5km az=171.0

IDC 09 15:30:34.7:1.6,7.04N,94.88E,h0km,mb3.7/7, mb1 3.8/9, ms1mx3.7/7, mbtmp3.7/9, ML3.2/1, MS3.4/6, Ms1 3.4/6, ms1mx3.2/3.7, Error ellipse: s-maj=61.6km s-min=18.2km az=62.0, Nicobar Islands region

IDC 09 15:50:58.4:0.9,8.37N,71.41W,h0km,mb3.7/4, mb1 4.0/6, mb1mx3.7/4, mbtmp3.8/6, ML3.8/2, Error ellipse: s-maj=27.6km s-min=10.6km az=148.0

NEIC 09 15:30:28.4:1.5,51.38N,0.10:172.87W,0.10,h17km,5km, mb3.9/27,ML3.1/11(AEIC), Error ellipse: s-maj=14.1km s-min=8.4km az=165.0

IDC 09 15:43:05.2:1.1,31.69S,71.88W,h0km,mb4.3/3, mb1 4.1/4, mb1mx3.9/3, mbtmp4.1/4, ML3.6/1, MS3.3/3, Ms1 3.3/3, ms1mx3.0/3.0, Error ellipse: s-maj=76.0km s-min=29.4km az=100.0

FUNV 09 15:51:00.1:8.47N,71.43W,h1km,mb3.3/3, ISC 09 15:51:00.2:1.2,6.49N,0.08:71.38W,0.02,h8km,8km,n51, s=15.8/1,mb3.8/4,C-1D,Venezuela

AEIC 09 15:30:28.1:7,51.26N,0.08:173.00W,0.08,h25km,4km, Error ellipse: s-maj=12.4km s-min=5.1km az=205.0

GUC 09 15:43:06.3:0.7,31.78S,72.18W,h20km,ML4.0, NEIC 09 15:43:06.3:1.4,31.78S,0.04:72.1W,0.1,1h0km,1km, mb4.4/5,ML4.0(GUC), Error ellipse: s-maj=15.9km s-min=6.8km az=274.0

ISC 09 15:43:07.0:0.8,31.77S,0.05:72.16W,0.08,h17km,n59, s=057/53,mb4.3/4,2C-1D,Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Korovin Flat P, Mount Kluechef, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SDV, PAMC, OCAC, TAMC, etc.

JMA 09 15:57:45.0±0.1, 351.86N±140.12E, h56km±1km, M3.0
IDC 09 15:57:45.1±1.0, 360.60N±138.20E, h156km±5km, mb2.8/3,
mb1.3/1.7, mb1mx2.6, mbtmp3.3/3, Error ellipse:
s-maj=28.4km s-min=3.6km az=154.0

ISC 09 15:57:44.8±1.1, 35.84N±0.04, 140.12E±0.05, h61km±10km,
n17, ±1505/26, mb3.5/3, Near east coast of eastern

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

BUJ 09 16:03:41.4±0.0, 51.70N±173.00W, h10km, mb6.4/77,
mb6.0/59, Ms6.6/95, Ms7.6/5/90

MOS 09 16:03:42.8±1.0, 51.68N±173.02W, h13km, mb6.0/137,
Ms6.3/94, Error ellipse: s-maj=5.3km s-min=4.2km
az=97.9

IDC 09 16:03:43.1±0.3, 51.73N±173.07W, h0km, mb5.3/51,
mb1.5/3/53, mb1mx5.3/60, mbtmp5.3/53, ML4.5/21, Ms6.2/53,
Ms1.6/2/53, ms1mx6.1/64, Error ellipse: s-maj=11.5km
s-min=8.1km az=160.0

NEIC 09 16:03:45.7, 51.73N±173.07W, h19km, Moment Tensor
Solution. Duration: 788. Moment Tensor: Scale 1019Nm;
Mn3=1.6; Mn2=1.6; Mn1=0.6; Mw=0.74; Mw0.9; Fault
plane solution: M2.55000°1018° NP1:±256.36000°,
±84.71000°, ±103.18000°. NP2:±62.18000°, ±68.51000°,
±84.71000°. Principal axes: T 2.4051, P 6.668.0000°,
Az323.0000°, N 0.2607, Plg5.0000°, Azm64.0000°, P
-2.6658, Plg23.0000°, Azm156.0000°;

AEIC 09 16:03:45.7±2.1, 51.56N±0.07, 173.03W±0.06, h7km±3km
Error ellipse: s-maj=9.5km s-min=5.6km az=189.0

NEIC 09 16:03:46.1±1.7, 51.64N±0.09, 173.08W±0.02, h15km±1km,
mb6.0/773, Ms 20.6/3351, Mw66.2/98, Mw66.5,
ML5.5/52(AEIC), Mw66.4(GCMT), Error ellipse:
s-maj=14.7km s-min=7.2km az=170.0

NEIC 09 16:03:50.51±44N±173.07W, h16km, Moment Tensor
Solution. Duration: 100. Moment Tensor: Scale 1019Nm;
Mn3=5.2; Mn2=3.58; Mn1=0.6; Mw=9.90; Mw=1.02; Mw=2.29;
Fault plane solution: M7.33000°1018° NP1:
±262.0000°, ±15.0000°, ±102.0000°. NP2:
±7.70000°, ±75.0000°, ±87.0000°. Principal axes: T
7.1766, Plg60.0000°, Azm335.0000°; N 0.2914,
Plg3.0000°, Azm70.0000°; P -7.4680, Plg30.0000°,
Azm162.0000°;

NEIC 09 16:03:51.51±55N±173.05W, h15km, Moment Tensor
Solution. Duration: 788. Moment Tensor: Scale 1019Nm;
Mn3=3.5; Mn2=3.4; Mn1=3.0; Mw=1.19; Mw=1.50;
Fault plane solution: M5.07000°1018° NP1:
±260.0000°, ±24.0000°, ±102.0000°. NP2:
±67.0000°, ±66.0000°, ±85.0000°. Principal axes: T
4.9158, Plg68.0000°, Azm326.0000°; N 0.2872,
Plg5.0000°, Azm69.0000°; P -5.2029, Plg21.0000°,
Azm161.0000°;

GCMT 09 16:03:51.0±0.5, 51.55N±173.02W, h16km, Mw6.5/166,
Moment Tensor Solution. s163,c405; s166,c682;
Duration: 4#1 Moment Tensor: Scale 1019Nm;
Mn3=7.8; Mn2=3.6; Mn1=0.1; Mw=0.14; Mw=0.1; Mw=0.7; Mw=1.2; Mw=1.05; Mw=1.2; Mw=1.05; Mw=1.2; Mw=1.05;
Fault plane solution: M5.07000°1018° NP1:
±260.0000°, ±24.0000°, ±102.0000°. NP2:
±67.0000°, ±66.0000°, ±85.0000°. Principal axes: T
4.9158, Plg68.0000°, Azm326.0000°; N 0.2872,
Plg5.0000°, Azm69.0000°; P -5.2029, Plg21.0000°,
Azm161.0000°;

GCMT 09 16:03:51.0±0.5, 51.55N±173.02W, h16km, Mw6.5/166,
Moment Tensor Solution. s163,c405; s166,c682;
Duration: 4#1 Moment Tensor: Scale 1019Nm;
Mn3=7.8; Mn2=3.6; Mn1=0.1; Mw=0.14; Mw=0.1; Mw=0.7; Mw=1.2; Mw=1.05; Mw=1.2; Mw=1.05;
Fault plane solution: M5.07000°1018° NP1:
±260.0000°, ±24.0000°, ±102.0000°. NP2:
±67.0000°, ±66.0000°, ±85.0000°. Principal axes: T
4.9158, Plg68.0000°, Azm326.0000°; N 0.2872,
Plg5.0000°, Azm69.0000°; P -5.2029, Plg21.0000°,
Azm161.0000°;

GCMT 09 16:03:51.0±0.5, 51.55N±173.02W, h16km, Mw6.5/166,
Moment Tensor Solution. s163,c405; s166,c682;
Duration: 4#1 Moment Tensor: Scale 1019Nm;
Mn3=7.8; Mn2=3.6; Mn1=0.1; Mw=0.14; Mw=0.1; Mw=0.7; Mw=1.2; Mw=1.05; Mw=1.2; Mw=1.05;
Fault plane solution: M5.07000°1018° NP1:
±260.0000°, ±24.0000°, ±102.0000°. NP2:
±67.0000°, ±66.0000°, ±85.0000°. Principal axes: T
4.9158, Plg68.0000°, Azm326.0000°; N 0.2872,
Plg5.0000°, Azm69.0000°; P -5.2029, Plg21.0000°,
Azm161.0000°;

Azm160.0000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface/mantle waves, cutoff=50s.
Triangular moment-rate function
BGR 09 16:03:54.7±0.0, 52.50N±173.50W, h56km±1km, mb5.9,
Ms6.2
ISC 09 16:03:45.4±0.4, 51.50N±0.03, 173.02W±0.02, h17km±2km,
h17km; p-P, n-P, n2262, ±1993/2506, mb5.9/653, MS6.3/215,
363C-163D, Fault plane solution: NP1:±311.66452°,
±31.06647°, ±126.08762°. NP2:±91.26901°, ±66.35376°,
±70.46274°. Principal axes: T Plg64.2317°,
Az326.3164°; N Plg17.8953°, Azm99.6864°; P
Plg19.1082°, Azm19.6751°; Fault plane solution:
NP1:±193.96266°, ±33.21724°, ±46.50728°. NP2:
±62.55629°, ±66.58308°, ±114.26024°. Principal axes:
T Plg60.7602°, Azm9.0543°; N Plg22.1505°,
Azm32.4017°; P Plg18.0922°, Azm134.7591°;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Azm160.0000, KOF, KOF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SEW, O22K, O22K, etc.

HARP	HAARP	18.54	43	P	P	16 08 00.6	-0.3
CCB	Clear Creek Bu	18.56	35	P	P	16 07 59.9	-1.1
MDM	Murphy Dome	18.58	34	P	P	16 08 00.2	-1.2
PAX	Paxon	18.64	41	P	P	16 08 00.4	-0.7
PAX	comp=Z,234nm,1.1s	18.64	41	P	P	16 08 00.3	-1.8
PAX	Paxon	18.64	41	P	P	16 08 01.4	-0.7
PAX	comp=Z,245,SNR=43	18.64	41	P	P	16 08 01.0	-1.2
BGLC	Bering Glacier	18.66	51	P	P	16 08 01.5	-0.7
H23K	Yukon River	18.66	31	P	P	16 08 00.0	-2.2
H23K	comp=Z,202,SNR=45	18.66	31	P	P	16 08 00.9	-1.3
TCOL	TCOL	18.66	35	P	P	16 08 00.6	-1.7
TCOL	CIGO, UAF Yank	18.66	35	P	P	16 08 01.1	-1.1
COLA	COLA	18.67	35	P	P	16 08 01.3	-1.0
COLA	comp=Z,208nm,0.9s	18.67	35	P	P	16 08 00.4	-1.9
COLA	College	18.67	35	P	P	16 08 01.3	-1.0
COLA	College	18.67	35	P	P	16 08 01.3	-1.0
HDA	Harding Lake	18.74	36	P	P	16 08 02.5	-0.7
HDA	Harding Lake	18.74	36	P	P	16 08 02.5	-0.7
GLB	Gilghina Butte	18.79	47	P	P	16 08 03.4	-1.5
VRDI	Verde Repeater	18.88	48	P	P	16 08 03.9	-1.0
SNH	Sunshine Point	18.88	51	Iamb	Iamb	16 08 25.4	
CRQM	CRQM	18.89	49	P	P	16 08 04.0	-1.0
CRQE	CRQE	18.91	49	P	P	16 08 05.1	-0.1
WAX	Waxell Ridge	18.95	50	P	P	16 08 04.2	-1.3
POKR	Poker Plat Res	18.95	34	P	P	16 08 03.5	-1.9
POKR	Poker Plat Res	18.95	34	P	P	16 08 03.9	-1.5
IL31	IL31	18.95	36	P	P	16 08 04.1	-1.4
ILAR	Eielson Array	18.96	36	P	P	16 08 02.0	-3.5
ILAR	comp=Z,2.7nm,0.3s,baz=234,slow=8.8,SNR=134	18.96	36	P	P	16 16 00.1	
ILAR	comp=Z,89um,19.6s,baz=248,slow=39	18.96	36	P	P	16 16 01.6	-3.5
ILAR	comp=Z,278,slow=2.6,SNR=2.0	18.96	36	P	P	16 16 01.6	-3.5
ILAR	comp=Z,0.0nm,0.3s,baz=47,slow=2.3,SNR=6.6	18.96	36	P	P	16 08 04.4	-1.1
ILAR	Eielson Array	18.96	36	P	P	16 08 04.4	-1.1
TGL	Tana Glacier	19.04	49	P	P	16 08 05.4	-1.1
TGL	comp=Z,912nm,1.1s	19.04	49	P	P	16 08 06.9	-0.5
MCARA	McCarthy VSAT	19.13	47	P	P	16 08 06.5	-0.9
MCARA	McCarthy VSAT	19.13	47	P	P	16 08 07.2	-1.1
H24K	Noodor Dome	19.21	32	P	P	16 08 07.2	-1.1
H24K	Noodor Dome	19.21	32	P	P	16 08 30.9	
RIDG	Independent Ri	19.23	40	P	P	16 08 07.5	-1.0
RIDG	Independent Ri	19.23	40	P	P	16 08 07.2	-1.3
RIDG	Independent Ri	19.23	40	P	P	16 08 30.9	
ISLE	Juniper Island	19.23	50	P	P	16 08 08.1	-0.6
ISLE	Juniper Island	19.23	50	P	P	16 08 36.4	
MESA	MESA	19.32	51	P	P	16 08 08.7	-1.0
MESA	MESA	19.32	51	P	P	16 08 08.9	-0.8
SKR	Severo-Kuril's	19.34	280	eP	eP	16 08 09.0	-0.7
SKR	Severo-Kuril's	19.34	280	eP	eP	16 11 41.4	-5.7
SKR	comp=Z,172nm,1.1s	19.34	280	eP	eP		
SKR	comp=Z,12um,12.3s	19.34	280	eP	eP		
SKR	comp=Z,13um,12.3s	19.34	280	eP	eP		
SKR	comp=Z,47um,19.0s	19.34	280	eP	eP		
MENT	Mentasta	19.36	42	P	P	16 08 08.8	-1.1
COLD	Coldfoot	19.39	27	P	P	16 08 08.7	+0.5
BILL	Bilibino	19.41	336	eP	eP	16 08 09.6	-0.8
BILL	Bilibino	19.41	336	eP	eP	16 11 45.4	-3.2
BILL	comp=Z,231nm,1.3s	19.41	336	eP	eP		
J25K	Salcha River	19.44	37	P	P	16 08 08.9	-1.9
YAH	Yahtse	19.46	51	P	P	16 08 10.2	-1.0
M26K	Nabesna, AK	19.47	44	P	P	16 08 10.7	-0.5
M26K	Nabesna, AK	19.47	44	P	P	16 08 09.7	-1.5
DOT	Dot Lake	19.50	40	P	P	16 08 10.4	-1.1
GRNC	Granite Creek	19.54	50	P	P	16 08 11.1	-1.1
GRNC	Granite Creek	19.54	50	P	P	16 08 33.3	
L26K	Log Cabin Wild	19.55	42	P	P	16 08 11.5	-0.4
L26K	Log Cabin Wild	19.55	42	P	P	16 08 11.0	-1.0
L26K	Log Cabin Wild	19.55	42	P	P	16 08 36.6	
BARN	Barnard	19.67	49	P	P	16 08 11.7	-1.8
SCRK	Sand Creek	19.68	39	P	P	16 08 11.5	-2.0
SCRK	Sand Creek	19.68	39	P	P	16 08 11.4	-2.1
TABL	Table Mountain	19.77	51	P	P	16 08 12.8	-1.9
TABL	Table Mountain	19.77	51	P	P	16 08 34.9	
CTG	Chitna Glacier	19.80	49	P	P	16 08 14.0	-0.8
CTGM	Chitna Glacier	19.80	49	P	P	16 08 13.6	-1.3
CTGM	Chitna Glacier	19.80	49	P	P	16 08 42.8	
PRP	Porcupine Dome	19.84	35	P	P	16 08 12.8	-2.5
PRP	Porcupine Dome	19.84	35	P	P	16 08 13.2	-2.1
LOGN	Logan Glacier	19.92	50	P	P	16 08 14.6	-1.6
LOGN	Logan Glacier	19.92	50	P	P	16 08 37.2	
M27K	Edge Creek, AK	19.95	45	P	P	16 08 14.2	-2.3
J26L	Joseph Creek	20.07	38	P	P	16 08 15.6	-2.2
PCA	Pinnacle	20.13	52	P	P	16 08 17.5	-0.9
PCA	Pinnacle	20.13	52	P	P	16 08 18.0	-0.4
L27K	Beaver Creek	20.21	43	P	P	16 08 18.9	-0.2
L27K	Beaver Creek	20.21	43	P	P	16 08 17.8	-1.3
L27K	Beaver Creek	20.21	43	P	P	16 16 15.4	
BCAR	Beaver Creek A	20.23	43	P	P	16 08 18.2	-1.2
BCPM	Bancas Point	20.41	53	P	P	16 08 20.4	-1.1
BCPM	Bancas Point	20.41	53	P	P	16 08 42.0	
YUK3	Moose Creek	20.41	47	P	P	16 08 19.8	-1.8
BVCY	Beaver Creek	20.42	45	P	P	16 08 19.6	-1.9
PNL	Peninsula	20.49	53	P	P	16 08 22.3	+0.1
FYU	Fort Yukon	20.51	32	P	P	16 08 21.2	-1.2
FYU	Fort Yukon	20.51	32	P	P	16 16 55.6	
TOLK	Toolik Lake Re	20.55	25	P	P	16 08 21.3	-1.6
TOLK	Toolik Lake Re	20.55	25	P	P	16 08 21.5	-1.3
TOLK	Toolik Lake Re	20.55	25	P	P	16 08 39.5	
EGAK	Eagle	21.13	39	P	P	16 08 27.5	-1.6

EGAK	Eagle	21.13	39	P	P	16 08 27.7	-1.4
YUK4	Talbot Arm	21.16	49	P	P	16 08 28.4	-1.3
BMAR	Burnt Mountain	21.21	31	P	P	16 08 29.7	-0.3
YUK6	Outpost Mounta	21.21	50	P	P	16 08 30.0	-0.2
A21K	Barrow	21.23	15	P	P	16 08 29.3	-0.8
A21K	Barrow	21.23	15	P	P	16 08 28.6	-1.5
A21K	comp=Z,486nm,1.0s	21.23	15	P	P	16 08 53.1	
A21K	comp=Z,192um,19.0s	21.23	15	P	P	16 17 37.7	
DAWY	Dawson	21.58	41	P	P	16 08 32.8	-1.2
DAWY	Dawson	21.58	41	P	P	16 08 32.0	-1.9
HYT	Haines Junctio	21.60	51	P	P	16 08 34.5	+0.1
HYT	Haines Junctio	21.60	51	P	P	16 08 34.0	-0.4
HYT	Haines Junctio	21.60	51	P	P	16 09 00.3	
SEY	Seymchan	21.65	315	P	P	16 08 34.6	0.0
SEY	Seymchan	21.65	315	P	P	16 16 56.1	
SEY	Seymchan	21.65	315	P	P	16 08 35.5	+0.9
MA2	Magadan	21.79	306	P	P	16 08 37.7	+1.6
MA2	Magadan	21.79	306	P	P	16 16 55.1	
MA2	Magadan	21.79	306	P	P	16 08 37.3	+1.1
MA2	Magadan	21.79	306	P	P	16 16 24.7	
J29M	Klondike Camp	22.19	41	P	P	16 08 40.2	-0.4
M30M	Minto, Yukon	22.28	46	P	P	16 08 40.4	-1.1
I29M	Ogilvie Camp,	22.47	39	P	P	16 08 41.6	-1.9
I29M	Ogilvie Camp,	22.47	39	P	P	16 12 48.6	-0.5
SIT	Sitka	22.48	61	P	P	16 08 42.6	-1.0
SIT	Sitka	22.48	61	P	P	16 08 44.2	+0.6
SIT	Sitka	22.48	61	P	P	16 08 42.6	-1.0
SIT	Sitka	22.48	61	P	P	16 09 03.2	
SKAG	Skagway	22.52	55	P	P	16 08 43.3	-0.7
SKAG	Skagway	22.52	55	P	P	16 12 48.4	-1.8
N31M	Braeburn, Yuko	22.54	49	P	P	16 08 42.8	-1.3
N31M	Braeburn, Yuko	22.54	49	P	P	16 08 43.8	-0.8
BESE	Bessie Mountai	22.73	57	P	P	16 08 45.2	-1.1
BESE	Bessie Mountai	22.73	57	P	P	16 09 03.5	
WHY	Whitehorse	22.86	52	P	P	16 08 46.7	-1.0
WHY	Whitehorse	22.86	52	P	P	16 12 58.4	+2.0
WHY	Whitehorse	22.86	52	P	P	16 08 46.8	-1.0
MAYO	Mayo, Yukon	22.92	44	P	P	16 08 46.3	-2.0
MAYO	Mayo, Yukon	22.92	44	P	P	16 12 54.4	-2.9
JIS	Juneau Island	22.97	58	P	P	16 08 47.5	-1.3
JIS	Juneau Island	22.97	58	P	P	16 09 08.3	
M31M	Drury Creek, Y	23.30	48	P	P	16 08 49.8	-2.4
M31M	Drury Creek, Y	23.30	48	P	P	16 13 04.5	+0.8
EPYK	Eagle Plains	23.45	37	P	P	16 08 51.4	-2.2
EPYK	Eagle Plains	23.45	37	P	P	16 13 00.1	-6.0
EPYK	Eagle Plains	23.45	37	P	P	16 08 51.2	-2.4
EPYK	Eagle Plains	23.45	37	P	P	16 09 14.9	
EPYK	Eagle Plains	23.45	37	P	P	16 18 43.5	
FARO	Faro, Yukon	23.79	48	P	P	16 08 55.3	-1.7
FARO	Faro, Yukon	23.79	48	P	P	16 13 10.3	-1.3
CRAG	Craig	23.83	65	P	P	16 08 56.6	-0.7
CRAG	Craig	23.83	65	P	P	16 13 15.0	+2.8
CRAG	Craig	23.83	65	P	P	16 08 58.4	+1.1
CRAG	Craig	23.83	65	P	P	16 09 23.3	
P33M							

SRU 16h

9rd	comp=Z,255nm,1.1s	IAMB	IAMB	16 12 14.1	
EURB	Uryeong-eup SNR=13	44.37 272	P	P	16 11 59.0 +4.3
KSKCH	Geochang SNR=8.7	44.41 273	P	P	16 11 58.5 +3.4
KUJA	Janggyeong SNR=6.8	44.45 272	P	P	16 11 60.0 +4.6
NEE2	Needles Airpor baz=311	44.54 89	P	P	16 11 55.2 -0.9
NEE2			S	S	16 18 31.7 +0.8
KSSSE	Seosan SNR=5.8	44.58 275	P	P	16 12 04.0 +7.6
KSSSE	Seosan SNR=6.8	44.58 275	P	P	16 12 01.0 +4.6
HAMB	Hamyang SNR=7.0	44.58 273	P	P	16 12 01.0 +4.5
IRM	Iron Mountain baz=312,SNR=30	44.61 90	P	P	16 11 55.7 -1.0
IRM			S	S	16 18 33.1 +1.1
BAR	Barrett baz=312	44.63 92	P	P	16 11 56.5 -0.4
BAR			IAMB	IAMB	16 12 16.7
MONP2	comp=Z,128nm,0.9s baz=312,SNR=28	44.65 92	P	P	16 11 57.0 -0.2
MONP2			S	S	16 18 34.6 +1.7
K22A	Casper baz=306	44.69 74	P	P	16 11 56.0 -1.4
K22A			S	S	16 18 30.6 -2.6
K22A	Casper baz=306	44.69 74	P	P	16 11 56.2 -1.3
K22A			IAMB	IAMB	16 12 26.3
BC3	comp=Z,180nm,1.1s Big Chuckawall baz=312,SNR=13	44.75 90	P	P	16 11 57.1 -0.8
BC3			S	S	16 18 35.0 +0.9
W13A	Hualapai Mount W13A	44.78 88	P	P	16 11 58.0 -0.4
W13A			IAMB	IAMB	16 12 15.7
PORA	Boryeong SNR=12	44.80 275	P	P	16 12 03.0 +4.8
YKDB	Yokjido SNR=5.6	44.83 272	P	P	16 12 06.1 +7.7
RWWY	Rawlins RWWY	44.84 76	P	P	16 11 56.8 -2.0
RWWY			IAMB	IAMB	16 12 14.1
RWWY	comp=Z,200nm,1.2s		IAMS_20	IAMS_20	16 32 19.7
RWWY	comp=Z,33um,18.0s				
NAWB	Namwon SNR=11	44.86 273	P	P	16 12 03.0 +4.3
CBX	Centro Bola	44.89 93	P	P	16 11 58.7 -0.4
KSNAH	Namhae SNR=9.7	44.92 272	P	P	16 12 02.2 +3.1
U15A	North Rim U15A	44.93 85	P	P	16 11 59.6 +0.1
U15A			IAMB	IAMB	16 12 17.2
GWYB	Gwangyang SNR=8.6	44.98 272	P	P	16 12 04.1 +4.4
SWSC	Sam W. Stewart baz=312	45.00 91	P	P	16 11 57.8 -2.0
SWSC			S	S	16 18 39.5 +2.0
IKP	In-Ko-Pah, Jac baz=313,SNR=11	45.01 92	P	P	16 11 59.9 -0.1
IKP			S	S	16 18 38.7 +0.9
SUCA	Sunchang SNR=11	45.05 273	P	P	16 12 05.0 +4.8
O20A	White River Ci baz=308,SNR=48	45.14 78	P	P	16 12 00.6 -0.5
O20A			S	S	16 18 37.0 -2.8
O20A	White River Ci O20A	45.14 78	P	P	16 12 00.5 -0.5
O20A			IAMB	IAMB	16 12 18.4
PDMCI	Parker Dam,LIK baz=311,SNR=31	45.14 89	P	P	16 12 01.2 +0.3
PDMCI			S	S	16 18 40.7 +1.2
SMKB	Mukjeong-gil SNR=7.2	45.21 274	P	P	16 12 08.0 +6.6
RSSD	Black Hills RSSD	45.33 71	P	P	16 12 02.0 -0.6
RSSD			pmax	pmax	
RSSD	Black Hills baz=305	45.33 71	P	P	16 12 01.5 -1.1
RSSD			S	S	16 18 40.0 -2.5
RSSD	Black Hills baz=305	45.33 71	P	P	16 12 01.9 -0.6
RSSD			IAMB	IAMB	16 12 20.6
BOSB	Roseong-gun SNR=5.5	45.40 273	P	P	16 12 09.0 +6.0
GLA	Glamis GLA	45.54 91	P	P	16 12 03.9 -0.2
GLA			pmax	pmax	
GLA	Glamis comp=Z,113nm,0.9s	45.54 91	P	P	16 12 04.0 -0.1
GLA			S	S	16 18 45.9 +0.5
GLA	Glamis baz=312,SNR=11	45.54 91	P	P	16 12 03.9 -0.2
GLA			IAMB	IAMB	16 12 26.2
JSU	Suzuyama SNR=11.2nm,0.8s	45.54 267	P	P	16 12 03.3 -0.9
JSU			IAMB	IAMB	16 12 20.4
MDND	Madlock baz=304	45.80 64	P	P	16 12 05.1 -1.0
MDND			S	S	16 18 48.6 -0.3
MDND	Madlock baz=304	45.80 64	P	P	16 12 06.2 +0.2
E28A	Huff N23A	45.89 66	P	P	16 12 06.4 -0.3
N23A	Red Feather La baz=307,SNR=32	46.08 76	P	P	16 12 08.1 -0.5
N23A			S	S	16 18 52.6 -0.9
WUAZ	Wupatki baz=311,SNR=62	46.08 85	P	P	16 12 09.1 +0.6
WUAZ			S	S	16 18 55.4 +2.0
WUAZ	Wupatki baz=311	46.08 85	P	P	16 12 08.6 +0.1
WUAZ			IAMB	IAMB	16 12 26.1
WUAZ	comp=Z,239nm,1.3s		IAMS_20	IAMS_20	16 28 41.7
Y14A	Wickenburg 46.09 88	P	P	P	16 12 08.4 -0.1
NRIK	Norri'sk comp=Z,1.4nm,0.7s,baz=64,slow=5.6,SNR=18	46.10 331	P	P	16 12 07.0 -1.0
NRIK			PcP	PcP	16 13 44.2 +0.4
NRIK	comp=Z,29nm,1.0s,baz=88,slow=4.2,SNR=3.6		LR	LR	16 33 51.2
NRIK	comp=Z,26um,18.4s,baz=40,slow=39				
NRIK	Norri'sk comp=Z,105nm,1.6s	46.10 331	P	P	16 12 06.8 -1.2
NRIK			pmax	pmax	
NRIK	comp=Z,210nm,1.7s		MLR	MLR	
NRIK	comp=Z,42um,17.0s				
NRIK	Norri'sk DL2	46.10 331	P	P	16 12 06.5 -1.6
NRIK			P	P	16 12 09.2 +0.2
NRIK	DL2	46.24 261	sp	sp	16 12 21.2 +2.1
NRIK	DL2		pp	pp	16 13 59.9 +2.0
NRIK	DL2		S	S	16 18 55.6 +0.3
NRIK	comp=Z,220nm,1.1s		pmax	pmax	
NRIK	DL2				
NRIK	comp=Z,5um,5.8s		LR	LR	
NRIK	DL2				
NRIK	comp=Z,24um,19.2s		LR	LR	
NRIK	DL2				
NRIK	comp=Z,18um,20.2s		LR	LR	
NRIK	DL2				
NRIK	comp=Z,27um,16.7s				
NRIK	Mohawk Valley, NEEN	46.39 90	P	P	16 12 10.3 -0.5
NRIK	North Greenan	46.42 15	flp	flp	16 12 10.0 -0.8
NRIK	SMCO	46.50 78	P	P	16 12 10.5 -1.5
NRIK	NOR	46.53 51	flp	flp	16 12 12.5 +1.1
NRIK	ULM	46.55 60	P	P	16 12 12.2 +0.4
NRIK	ULM				
NRIK	comp=Z,7.5nm,0.5s,baz=308,slow=9.5,SNR=10		LR	LR	16 31 56.1
NRIK	ULM				
NRIK	ULM				
NRIK	comp=Z,192nm,1.2s				

X16A	Lo Mia Camp, P X16A	46.75 86	P	P	16 12 13.8 -0.1
X16A			IAMB	IAMB	16 12 31.6
MVCO	comp=Z,89nm,1.1s Mesa Verde baz=310,SNR=28	46.78 81	P	P	16 12 14.2 +0.1
MVCO			S	S	16 19 10.8 -1.8
MVCO	baz=310	46.78 81	P	P	16 12 13.7 -0.5
MVCO			IAMB	IAMB	16 12 32.8
ISCO	comp=Z,203nm,1.4s Idaho Springs	46.95 77	P	P	16 12 14.8 -0.7
ISCO			pmax	pmax	
ISCO	comp=Z,135nm,1.4s				
ISCO	comp=Z,38um,18.0s Idaho Springs	46.95 77	P	P	16 12 15.2 -0.3
ISCO			S	S	16 19 04.9 -1.1
ISCO	baz=308	46.95 77	P	P	16 12 14.8 -0.7
ISCO			IAMB	IAMB	16 12 34.4
ISCO	comp=Z,135nm,1.4s				
ISCO	comp=Z,38um,18.0s Petrified Fore baz=311,SNR=24	47.36 85	P	P	16 12 18.9 +0.3
W18A			S	S	16 19 13.0 +1.3
W18A	baz=311	47.36 85	P	P	16 12 18.5 -0.1
W18A	Petrified Fore	47.36 85	P	P	16 12 46.3
S22A	comp=Z,276nm,1.3s 4UR Ranch, Cre baz=310,SNR=65	47.48 80	P	P	16 12 18.9 -0.7
S22A			S	S	16 19 14.0 +0.4
214A	baz=310	47.53 90	P	P	16 12 19.7 -0.1
214A	Organ Pipe Nat baz=313,SNR=12	47.53 90	P	P	16 12 19.7 -0.1
214A			S	S	16 19 16.4 +2.4
214A	baz=313	47.53 90	P	P	16 12 19.5 -0.3
214A	Organ Pipe Nat	47.53 90	P	P	16 12 42.2
X18A	comp=Z,121nm,1.2s Snowflake	47.61 85	P	P	16 12 20.2 -0.3
X18A			IAMB	IAMB	16 12 37.4
AGMN	comp=Z,177nm,1.4s Agassiz Nation baz=305	47.63 62	P	P	16 12 19.4 -0.9
AGMN			S	S	16 19 11.4 -3.6
AGMN	AGMN	47.63 62	P	P	16 12 19.5 -0.9
AGMN			IAMS_20	IAMS_20	16 34 25.9
D32A	comp=Z,43um,19.0s Dogwood Acres,	47.66 64	P	P	16 12 19.4 -1.1
D32A			IAMB	IAMB	16 12 42.3
Q24A	comp=Z,117nm,0.8s Divide baz=309	47.74 77	P	P	16 12 20.6 -1.1
Q24A			S	S	16 19 16.6 -0.8
SUSD	baz=309	48.12 68	P	P	16 12 22.3 -1.8
SUSD	Miller baz=307	48.12 68	P	P	16 12 17.9 -4.0
SUSD			S	S	16 19 17.9 -4.0
SUSD	Miller baz=307	48.12 68	P	P	16 12 22.9 -1.3
SUSD	Great Sand Dun baz=310,SNR=52	48.29 79	P	P	16 12 26.4 +0.5
SDCO			S	S	16 19 22.9 -2.2
SDCO	baz=310	48.29 79	P	P	16 12 25.8 -0.1
SDCO	Great Sand Dun	48.29 79	P	P	16 12 44.2
SDCO			IAMB	IAMB	16 12 44.2
IRK	comp=Z,127nm,1.1s Irkutsk	48.37 305	eP	eP	16 12 24.4 -1.6
IRK			pmax	pmax	16 22 19.8
OGNE	comp=Z,405nm,3.4s Ogallala baz=308	48.41 73	P	P	16 12 26.2 -0.3
OGNE			S	S	16 19 25.2 -1.1
OGNE	OGNE	48.41 73	P	P	16 12 26.5 0.0
TUC	Ogallala	48.56 88	P	P	16 12 27.8 0.0
TUC			pmax	pmax	
TUC	comp=Z,161nm,1.3s		MLR	MLR	
TUC	comp=Z,24um,18.0s	48.56 88	P	P	16 12 27.5 -0.3
TUC			S	S	16 19 29.1 +0.4
TUC	baz=313	48.56 88	P	P	16 12 27.8 0.0
TUC			IAMB	IAMB	16 12 45.2
TUC	comp=Z,162nm,1.3s	48.56 88	P	P	16 12 27.8 0.0
TUC	Tucson	48.56 88	P	P	16 33 12.8
TUC	comp=Z,24um,18.0s				
UPNV	UPernavik B35A	48.62 21	iP	iP	16 12 25.6 -2.0
B35A	Bob, Littlefor	48.77 61	P	P	16 12 28.1 -1.0
B35A			IAMB	IAMB	16 12 46.5
F33A	comp=Z,81nm,0.8s 5 Mile Ranch,	48.81 65	P	P	16 12 28.1 -1.4
F33A			IAMB	IAMB	16 12 51.1
BJT	comp=Z,94nm,0.9s Bajiatuau	48.88 286	P	P	16 12 28.4 -1.6
BJT			pmax	pmax	
BJT	comp=Z,159nm,1.3s		MLR	MLR	
BJT	comp=Z,66um,20.0s	48.88 286	P	P	16 12 28.4 -1.6
BJT			IAMB	IAMB	16 12 54.4
TLY	comp=Z,158nm,1.3s	49.01 305	P	P	16 12 31.1 +0.2
TLY	Talaya	49.01 305	P	P	16 12 31.1 +0.2
TLY			LR	LR	16 34 18.0
TLY	comp=Z,41um,19.6s,baz=49,slow=38	49.01 305	iP	iP	16 12 31.3 +0.4
TLY			e	e	16 14 27.2

HOPEN	Hopen	51.74	355	eP	P	16 12 51.3	+0.1		
HOPEN	comp=Z,3um,1.8s					16 12 53.8			
SFJD				eS	BB	16 20 11.5	-0.1		
HOPEN	comp=Z,15um,18.2s			IVMs_BB	IVMs_BB	16 36 42.5			
R32A	Long Quarter,	51.98	74	P	P	16 12 53.1	-0.5		
BTO	Batouu	52.16	290	P	P	16 12 54.9	-0.1		
BTO				PP	PP	16 14 55.2	+2.2		
BTO				S	S	16 20 20.5	+1.9		
N35A	Tabor	52.24	69	P	P	16 12 53.2	-1.2		
SUMG	Summit	52.25	16	P	P	16 12 53.5	-2.0		
SUMG	comp=Z,116nm,1.0s								
SUMG	Summit	52.25	16	P	P	16 12 54.6	-0.9		
SUMG	Summit	52.25	16	P	P	16 12 53.5	-2.0		
SUMG	comp=Z,116nm,1.0s			IAMB	IAMB	16 13 18.9			
ILULI	Ilulissat	52.32	23	P	P	16 12 53.1	-2.5		
ILULI	comp=Z,99nm,1.3s								
ILULI				MLR	MLR				
ILULI	Ilulissat	52.32	23	P	P	16 12 53.1	-2.5		
ILULI	comp=Z,30um,18.0s			IAMS_20	IAMS_20	16 38 18.7			
D41A	Chassel	52.34	59	P	P	16 12 53.3	-2.7		
D41A				IAMB	IAMB	16 13 19.8			
MNTX	comp=Z,140nm,0.9s								
MNTX	Cornudas Mount	52.35	85	P	P	16 12 56.7	+0.3		
MNTX	baz=314,SNR=49			S	S	16 20 22.8	+1.7		
MNTX	baz=314								
MNTX	Cornudas Mount	52.35	85	P	P	16 12 56.0	-0.3		
MNTX	comp=Z,140nm,1.2s			IAMB	IAMB	16 13 13.6			
NJ2	Nanjing	52.41	276	iP	PP	16 12 56.3	-0.5		
NJ2				PP	PP	16 14 54.8	-0.5		
NJ2				ScP	ScP	16 18 07.6	+4.0		
NJ2				S	S	16 20 21.6	-0.3		
NJ2	comp=Z,6um,6.9s								
NJ2				LR	LR				
NJ2	comp=Z,30um,17.1s								
NJ2				LR	LR				
NJ2	comp=Z,17um,20.8s								
NJ2				LR	LR				
MSTX	comp=Z,30um,21.8s								
MSTX	Muleshoe	52.43	81	P	P	16 12 57.1	0.0		
MSTX	baz=312,SNR=17			S	S	16 20 23.9	+1.4		
MSTX	baz=312								
MSTX	Muleshoe	52.43	81	P	P	16 12 55.9	-1.2		
MSTX	comp=Z,270nm,1.0s			IAMB	IAMB	16 13 15.4			
AMTX	Amarillo	52.49	79	P	P	16 12 56.0	-1.5		
AMTX	baz=312			S	S	16 20 20.5	-2.7		
AMTX	Amarillo	52.49	79	P	P	16 12 56.5	-1.0		
AMTX	comp=Z,156nm,1.1s			IAMB	IAMB	16 13 15.2			
G40A	Rib Lake	52.56	62	P	P	16 12 56.3	-1.5		
G40A				IAMB	IAMB	16 13 14.5			
TIY	Taiyuan	52.59	286	iP	P	16 12 59.8	+1.7		
TIY				S	S	16 20 24.4	0.0		
TIY	comp=Z,490nm,1.5s								
TIY				pmax	pmax				
TIY	comp=Z,5um,4.0s								
TIY				LR	LR				
TIY	comp=Z,7um,14.3s								
TIY				LR	LR				
TIY	comp=Z,29um,19.1s								
TIY				LR	LR				
TIY	comp=Z,49um,20.6s								
COWI	Conover	52.63	61	P	P	16 12 56.9	-1.3		
COWI	comp=Z,33um,19.0s			IAMS_20	IAMS_20	16 37 46.9			
K38A	Parkersburg	52.77	66	P	P	16 12 57.3	-2.0		
K38A				IAMB	IAMB	16 13 14.1			
KSU1	Kansas State U	52.80	72	P	P	16 12 58.7	-0.9		
KSU1	baz=311			S	S	16 20 23.3	-3.8		
KSU1	Kansas State U	52.80	72	P	P	16 12 57.5	-2.0		
KSU1	comp=Z,230nm,1.1s			IAMB	IAMB	16 13 17.0			
SCIA	State Center	52.98	67	P	P	16 13 00.6	-0.3		
SCIA	baz=310,SNR=10			S	S	16 20 27.3	-2.2		
SCIA	State Center	52.98	67	P	P	16 12 59.8	-1.1		
SCIA	comp=Z,459nm,1.4s			IAMS_20	IAMS_20	16 35 04.0			
U32A	Winter Ranch,	53.14	76	P	P	16 13 01.5	-0.6		
U32A				IAMB	IAMB	16 13 20.1			
U32A	comp=Z,254nm,1.1s								
U32A				IAMS_20	IAMS_20	16 37 32.4			
DBG	Daneborg	53.14	9	iP	P	16 13 00.3	-1.3		
DBG	comp=Z,109nm,1.4s			IAMB	IAMB	16 13 02.1			
KAN16	Harper SW Stat	53.15	74	P	P	16 13 01.3	-0.9		
KAN16	comp=Z,170nm,1.3s			IAMB	IAMB	16 13 19.6			
H40A	Norwalk	53.20	64	P	P	16 13 01.3	-1.2		
H40A				IAMB	IAMB	16 13 17.2			
OK032	Salt Plains WL	53.34	75	P	P	16 13 02.5	-1.0		
OK032	comp=Z,97nm,0.8s			IAMB	IAMB	16 13 21.2			
KAN05	Bluff City Nor	53.34	74	P	P	16 13 01.9	-1.7		
KAN05	comp=Z,232nm,1.2s			IAMB	IAMB	16 13 21.0			
KAN01	Argonia South	53.38	74	P	P	16 13 02.3	-1.6		
KAN01	comp=Z,140nm,1.1s			IAMB	IAMB	16 13 21.4			
F42A	Maple Grove Fa	53.39	60	P	P	16 13 02.4	-1.4		
F42A	comp=Z,228nm,1.1s			IAMB	IAMB	16 13 20.9			
KAN14	Manchester OK	53.39	75	P	P	16 13 02.3	-1.6		
KAN17	Caldwell West	53.45	74	P	P	16 13 02.8	-1.6		
KAN17	comp=Z,237nm,1.1s			IAMB	IAMB	16 13 21.8			
E43A	Lone Tree Farm	53.61	59	P	P	16 13 04.0	-1.5		
E43A	comp=Z,245nm,1.1s			IAMB	IAMB	16 13 23.1			
KAN13	South Haven SW	53.64	74	P	P	16 13 04.6	-1.2		
CROK	Carrier	53.67	75	P	P	16 13 04.7	-1.3		
CROK	comp=Z,130nm,0.9s			IAMB	IAMB	16 13 22.9			
N38A	Joess South For	53.69	68	P	P	16 13 04.5	-1.6		
BLOK	Blackwell	53.77	74	P	P	16 13 06.8	-1.3		
BLOK	comp=Z,322nm,1.2s			IAMB	IAMB	16 13 25.8			
BJ01	Bjornoya	54.02	356	eP	P	16 13 07.4	-0.6		
BJ01				eS	S	16 20 42.1	-0.7		
BJ01				IVMs_BB	IVMs_BB	16 40 40.7			
L40A	Anamosa	54.02	66	P	P	16 13 07.1	-1.4		
L40A	comp=Z,9um,19.4s			IAMB	IAMB	16 13 23.1			
JFWS	Jewell Farm	54.03	64	P	P	16 13 07.0	-1.6		
JFWS	comp=Z,356nm,1.3s								
JFWS	Jewell Farm	54.03	64	P	P	16 13 07.7	-0.8		
JFWS	comp=Z,173nm,1.2s			pmax	pmax				
JFWS	baz=310,SNR=16			S	S	16 20 38.4	-5.3		
JFWS	Jewell Farm	54.03	64	P	P	16 13 07.0	-1.6		
JFWS	comp=Z,173nm,1.1s			IAMB	IAMB	16 13 30.4			
KNTN	Kanton	54.08	178	P	P	16 13 09.4	+0.3		
KNTN	comp=Z,101nm,1.0s			IAMB	IAMB	16 13 28.2			
KNTN	comp=Z,19um,19.0s			IAMS_20	IAMS_20	16 34 07.8			

SFJD	Kangerlussuaq	54.12	24	P	P	16 13 06.6	-2.2		
SFJD	comp=Z,94nm,1.2s			pmax	pmax				
SFJD	comp=Z,41um,20.0s			MLR	MLR				
SFJD	Kangerlussuaq	54.12	24	eP	P	16 13 10.7	+1.9		
SFJD	Kangerlussuaq	54.12	24	P	P	16 13 06.6	-2.2		
SFJD	Kangerlussuaq	54.12	24	IAMS_20	IAMS_20	16 38 43.1			
I42A	Draeger Farm,	54.15	63	P	P	16 13 07.9	-1.5		
I42A	comp=Z,41um,20.0s			IAMB	IAMB	16 13 31.9			
P38A	Dawn	54.27	69	P	P	16 13 08.8	-1.6		
P38A	comp=Z,172nm,1.0s			IAMB	IAMB	16 13 27.9			
T35A	Sooner Creek N	54.29	74	P	P	16 13 09.2	-1.4		
T35A	comp=Z,236nm,0.9s			IAMB	IAMB	16 13 30.5			
WMOK	Wichita Mounta	54.36	77	P	P	16 13 10.1	-1.0		
WMOK	comp=Z,113nm,0.8s			pmax	pmax				
WMOK	comp=Z,176nm,1.1s								
WMOK	comp=Z,30um,18.0s			MLR	MLR				
WMOK	Wichita Mounta	54.36	77	P	P	16 13 10.9	-0.3		
WMOK	baz=313,SNR=26			S	S	16 20 47.0	-1.5		
WMOK	Wichita Mounta	54.36	77	P	P	16 13 10.1	-1.0		
WMOK	comp=Z,176nm,1.1s			IAMB	IAMB	16 13 28.7			
WMOK	Wichita Mounta	54.36	77	IAMS_20	IAMS_20	16 37 52.5			
H43A	Windswept, Lux	54.41	61	P	P	16 13 09.5	-1.8		
H43A	comp=Z,30um,18.0s			IAMB	IAMB	16 13 33.8			
BCOK	Bluff Creek N	54.46	76	P	P	16 13 10.9	-0.9		
BCOK	comp=Z,301nm,1.1s			IAMB	IAMB	16 13 29.0			
OK029	Liberty Lake	54.46	75	P	P	16 13 10.4	-1.4		
QUOK	Quay	54.66	75	P	P	16 13 12.2	-1.1		
QUOK	comp=Z,196nm,								

9d 16h

Table with columns: ID, Name, IAMS_20, IAMS_20, 16 40 39.3, and various other data points for stations like Z38A, 435B, 435B, etc.

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Table with columns: KTK1, KTK1, eS, S, 16 21 53.9 +2.5, and various other data points for stations like HALT, P49A, P49A, etc.

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Table with columns: ZSN, ZSN, eS, S, 16 22 14.1 -1.5, and various other data points for stations like J56A, T50A, VBMS, etc.

MOR8	Moi Rana	62.52	357	eP	P	16 14 06.6	-0.9
MOR8						16 14 08.7	
MOR8	comp=Z,3um,3.3s						
MOR8						16 22 32.8	-1.0
MOR8						16 44 07.3	
ACCN	Atirondack Com	62.60	54	P	P	16 14 06.7	-1.7
F62A	Pittston Farm,	62.60	54	P	P	16 14 06.6	-1.8
TKL	Tuckaleechee C	62.63	66	P	P	16 14 07.8	-0.9
TKL							
TKL	comp=Z,404nm,1.4s						
MK31	Makanchi Array	62.73	312	/P	P	16 14 07.3	-2.0
MK31							
MK31	comp=Z,60nm,1.1s						
MK31	Makanchi Array	62.73	312	P	P	16 14 06.8	-2.4
MK31	Makanchi Array	62.73	312	P	P	16 14 07.6	-1.7
MK31	comp=Z,9.0nm,0.4s,baz=46,slow=6.2,SNR=55						
MKAR						16 43 16.4	
MKAR	comp=Z,35um,18.1s,baz=32,slow=38						
MKAR						16 43 26.1	+8.1
MKAR	comp=Z,1.8nm,1.0s,baz=236,slow=5.7,SNR=4.6						
MKAR	Makanchi Array	62.73	312	P	P	16 14 07.1	-2.1
L59A	Watton	62.75	56	P	P	16 14 08.7	-0.8
X51A	Calhoun	62.78	68	P	P	16 14 08.9	-1.4
Q56A	Snyder Ridge,	62.80	61	P	P	16 14 08.2	-1.6
Q56A						16 14 27.2	
G62A	West of Eustis	62.83	51	P	P	16 14 08.4	-1.5
KSPA	Keystone Colle	62.83	57	P	P	16 14 08.9	-1.0
KSPA						16 14 28.1	
N58A	Sunbury	62.84	58	P	P	16 14 09.0	-1.1
N58A						16 14 33.5	
LBNH	Lisbon	62.85	52	P	P	16 14 09.2	-0.9
LBNH							
LBNH	baz=317					16 22 36.1	-2.5
MAK2	Makanchi	62.86	312	P	P	16 14 08.3	-1.9
MAK2	Makanchi	62.86	312	P	P	16 14 08.1	-2.1
W52A	Murphy	62.94	67	P	P	16 14 09.4	-1.5
W52A						16 14 25.0	
PQI	Presque Isle	62.96	48	P	P	16 14 08.9	-1.8
PQI						16 14 17.4	
H62A	Milan	62.99	52	P	P	16 14 09.7	-1.3
HNH	Hanover	63.06	53	P	P	16 14 09.8	-1.7
HNH						16 14 28.2	
TRY	Troy	63.07	55	P	P	16 14 10.0	-1.5
BRVK	Borovoye	63.07	323c	/P	P	16 14 09.8	-1.6
BRVK							
BRVK	comp=Z,203nm,1.4s						
BRVK	Borovoye	63.07	323	P	P	16 14 09.5	-1.9
BRVK						16 14 15.7	
PRGR	Permogore	63.08	340	eP	P	16 14 10.8	-0.5
PRGR							
P57A	Homestead Farm	63.12	60	P	P	16 14 09.9	-2.0
U54A	Nelsons Funny	63.13	65	P	P	16 14 10.1	-2.0
F63A	Nahmakata, Br	63.16	50	P	P	16 14 10.2	-1.9
V53A	Saluda	63.17	66	P	P	16 14 11.0	-1.4
J61A	Chester	63.19	53	P	P	16 14 10.7	-1.6
PAGS	Pennsylvania G	63.28	58	P	P	16 14 11.5	-1.4
PAGS						16 14 35.4	
N59A	State Game Lan	63.29	57	P	P	16 14 12.5	-0.5
N59A	baz=316,SNR=12						
SVE	Sverdlovsk	63.36	330	eP	S	16 22 41.0	-3.1
SVE						16 14 12.8	-0.4
SVE						16 22 44.8	+0.3
SVE						16 26 53.2	
SVE	comp=Z,127nm,1.6s						
SVE	comp=Z,54um,17.0s						
SVE	comp=E,20um,17.0s						
SVE							
PKME	Peaks-Kenny Pk	63.39	50	P	P	16 14 12.7	-0.9
PKME	baz=318,SNR=13						
PKME	Peaks-Kenny Pk	63.39	50	P	P	16 14 12.0	-1.6
F64A	Sherman	63.40	49	P	P	16 14 11.9	-1.8
BATG	Bathurst New B	63.41	47	P	P	16 14 12.1	-1.7
BATG						16 14 29.0	
BLA	Blacksburg	63.42	63	P	P	16 14 12.1	-1.9
BLA							
BLA	comp=Z,435nm,1.2s						
BLA	comp=Z,35um,19.0s						
BLA	Blacksburg	63.42	63	P	P	16 14 11.9	-2.1
BLA	baz=316,SNR=18						
BLA	Blacksburg	63.42	63	P	P	16 14 12.1	-1.9
BLA	Franklin Falls	63.55	53	P	P	16 14 12.7	-2.0
BLA						16 14 32.0	
MOIG	Morelia	63.58	91	P	P	16 14 14.7	-0.8
MOIG						16 14 40.8	
MVL	Millersville	63.64	58	P	P	16 14 13.7	-1.6
MVL						16 14 38.0	
I63A	Otisfield	63.65	52	P	P	16 14 14.3	-1.1
LUPA	Lehigh Univers	63.72	57	P	P	16 14 14.4	-1.5
WVL	Waterville	63.73	51	P	P	16 14 14.2	-1.6
L61B	Northampton	63.77	54	P	P	16 14 15.2	-1.0
L61B							
ODNJ	Ogdensburg	63.78	56	P	P	16 14 15.0	-1.2
ODNJ						16 14 25.1	
250A	Grady	63.80	71	P	P	16 14 15.4	-1.1
SDMD	Soldier's Deil	63.80	59	P	P	16 14 15.2	-1.3
SDMD						16 14 39.4	
S57A	Dark Hollow, R	63.84	62	P	P	16 14 15.4	-1.3
S57A						16 14 39.3	
K62A	Royalton	63.84	54	P	P	16 14 15.5	-1.2
GVA	Guiyang	63.89	280	/P	P	16 14 19.2	+1.9
GVA						16 22 52.1	-0.1
GVA						16 27 01.4	+1.3
GVA	comp=Z,60nm,1.0s						
GVA	comp=Z,6um,7.0s						
GVA	comp=Z,10um,25.3s						
GVA	comp=Z,16um,20.6s						
KSCT	Kent School, K	63.89	55	P	P	16 14 16.1	-0.8
BRAL	Brewton	63.91	72	P	P	16 14 15.5	-1.8
BRAL							
BRAL	baz=316					16 22 48.9	-3.3
BRAL	Brewton	63.91	72	IAMS_20	IAMS_20	16 45 35.1	
TRNY	Table Rock, Ra	63.93	56	P	P	16 14 16.2	-1.1
TRNY						16 14 39.1	
V55A	Taylorsville	63.95	65	P	P	16 14 16.5	-1.0
U56A	King	64.06	64	P	P	16 14 16.9	-1.4
QUA2	Belchertown	64.06	54	P	P	16 14 16.9	-1.2
WUPA	West Chester U	64.08	58	P	P	16 14 16.6	-1.6
WUPA						16 14 38.4	
BRNJ	Basking Ridge	64.09	57	P	P	16 14 16.9	-1.3
BRNJ						16 14 27.4	
P60A	Greenville	64.15	58	P	P	16 14 17.5	-1.2

P60A	baz=317						
P60A	Greenville	64.15	58	P	P	16 14 17.5	-1.2
P60A	comp=Z,102nm,1.1s						
PAL	Palisades	64.19	56	P	P	16 14 17.5	-1.5
PAL							
PAL	comp=Z,319nm,1.1s						
PAL	Palisades	64.19	56	P	P	16 14 18.5	-0.5
PAL	baz=317,SNR=16						
PAL	Palisades	64.19	56	P	P	16 14 17.5	-1.5
152A	Waverly Hall	64.22	69	P	P	16 14 17.4	-1.9
152A						16 14 34.2	
T57A	Hurt	64.22	63	P	P	16 14 17.4	-1.8
T57A						16 14 41.8	
NSS	Nammos	64.24	358	eP	P	16 14 17.9	-1.0
G65A	Princeton	64.26	49	P	P	16 14 17.6	-1.7
R58B	Mineral	64.28	61	P	P	16 14 18.2	-1.4
R58B						16 14 42.1	
HRV	Adam Dzewiosk	64.30	54	P	P	16 14 17.3	-2.4
HRV							
HRV	comp=Z,276nm,1.2s						
HRV	Adam Dzewiosk	64.30	54	P	P	16 14 19.2	-0.5
HRV	baz=318						
HRV	Adam Dzewiosk	64.30	54	P	P	16 14 17.3	-2.4
CPNY	Central Park	64.32	56	P	P	16 14 18.2	-1.4
Arti		64.33	331c	/P	P	16 14 18.2	-1.4
Arti						16 14 48.8	
Arti						16 16 35.5	
Arti						16 18 09.1	
Arti						16 22 56.5	0.0
Arti						16 24 12.0	
Arti						16 30 01.2	
ARU	comp=Z,89nm,1.0s						
ARU							
ARU	comp=Z,3um,9.7s						
ARU	comp=Z,63um,18.0s						
ARU	Arti	64.33	331	P	P	16 14 17.4	-2.2
ARU						16 14 25.9	
PAULI	Pauline	64.35	66	P	P	16 14 18.9	-1.1
WSP7	Westport, CT	64.37	56	P	P	16 14 19.2	-0.9
CBN	Corbin Frederi	64.38	60	P	P	16 14 19.0	-1.3
CBN	baz=317						
KM5C	Kings Mountain	64.39	65	P	P	16 14 19.8	-0.6
KM5C	baz=316,SNR=31						
KM5C	Kings Mountain	64.39	65	P	P	16 14 19.0	-1.4
GOGA	Godfrey	64.41	68	P	P	16 14 19.1	-1.4
GOGA							
GOGA	comp=Z,255nm,1.2s						
GOGA	Godfrey	64.41	68	P	P	16 14 19.8	-0.7
GOGA	baz=316,SNR=19						
GOGA	Godfrey	64.41	68	P	P	16 14 19.1	-1.4
GOGA	Godfrey	64.41	68	IAMS_20	IAMS_20	16 42 08.8	
GOGA	comp=Z,22um,21.0s						
YLE	Yale	64.47	55	P	P	16 14 20.2	-0.6
YLE						16 14 44.0	
N62A	Caumsett State	64.48	56	P	P	16 14 19.5	-1.3
UCCT	U Connecticut	64.48	54	P	P	16 14 19.4	-1.5
WES	Weston	64.51	53	P	P	16 14 19.3	-1.7
WES							
WES	comp=Z,256nm,1.0s						
WES	comp=Z,41um,20.0s						
WES	Weston	64.51	53	P	P	16 14 19.3	-1.7
HODGE	Hodges	64.52	67	P	P	16 14 19.6	-1.6
BRZS	Berezinski	64.53	319	/P	P	16 14 18.9	-2.2
BRZS	comp=Z,62nm,1.6s,baz=320						
BRZS	Berezinski	64.53	319c	/P	P	16 14 18.9	-2.2
BRZS							
BCX	Boston College	64.62	53	P	P	16 14 19.5	-2.2
BCX						16 14 37.9	
GGN	Saint George	64.66	49	P	P	16 14 20.2	-1.7
EMMW	East Machias	64.68	49	P	P	16 14 20.6	-1.5
BRYW	Bryant College	64.74	54	P	P	16 14 21.1	-1.5
BRYW						16 14 39.9	
M63A	Gales Ferry	64.86	55	P	P	16 14 21.7	-1.6
352A	Blakely	64.95	70	P	P	16 14 22.7	-1.4
KIRV	Kirov	64.96	337c	/P	P	16 14 22.9	-0.7
KLMF	Klimovskoe	65.00	343c	/P	P	16 14 22.7	-1.2
KLMF						16 16 53.2	
KLMR						16 18 21.8	
KLMR							

9d 16h

Table with columns for station code, name, frequency, and various signal quality metrics (P, I, S, etc.). Includes stations like KBKI, CLF, MESR, JTS, BUD, etc.

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Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like BZS, CADS, HARR, STAR, SENIN, GZR, etc.

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Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like KDZE, SRBI, MTKA, VTS, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like FNA, PVIS, OUR, FITZ, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like MASI, P00, LK2D, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like QRZ, BIDO, WSAR, etc.

9d 16h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Peldehue, Kilima Mbogo, and various IAMS_20 stations.

AEIC 09 16:07:30.1.3.51.4N.0.1.172.84W.0.08.h26km, gkm Error ellipse: s-maj=17.4km s-min=7.5km az=173.0

NEIC 09 16:07:30.1.1.2.51.58N.0.07.172.87W.0.04.h10km,2km, ML4.1(AEIC), Error ellipse: s-maj=12.5km s-min=3.8km az=172.0, Andeanof Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like KOFF, KOSE, KOKI, etc.

DDA 09 16:24:25.4.39.24N.27.88E.h7km,2km,ML2.0 ISK 09 16:24:25.6.39.23N.27.85E.h9km,ML2.2/28

ISC 09 16:24:25.5.0.9.39.23N.0.02.27.87E.0.02.h10km,8km, n46,e045/59,Turkey

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

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like USAK, BLCB, KNL, etc.

NNC 09 16:37:24.7.8.5.37.01N.70.80E.h0km,mb3.9,mpv3.5, 4C-1D, Error ellipse: s-maj=68.1km s-min=61.7km az=22.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like AML, UCH, KK31, etc.

SJA 09 16:41:12.4.3.22.31S.0.07.66.05W.0.09.h277km,gkm, Error ellipse: s-maj=0.0km s-min=0.0km az=210.0

NEIC 09 16:41:13.8.1.9.22.35S.0.08.66.0W.0.1.h248km,7km, mb4.4/13, Md4.0(SJA), Error ellipse: s-maj=13.8km s-min=11.4km az=101.0

ICD 09 16:41:13.4.1.0.22.22S.66.05W.h252km,8km,mb3.4/4, mb1.3/5.9, mb1mx3.3/25, mbmp4.0/9, Error ellipse: s-maj=18.1km s-min=12.8km az=138.0

VAO 09 16:41:14.1.0.3.22.27S.66.03W.h256km,mb4.0 ISK 09 16:41:13.4.0.2.22.22S.0.05.66.10W.0.04.h257km,gkm, n152,e108/172,mb4.2/9,JCJ, Uruguay

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like YJA, HJA, AF01, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like PB06, PB06, PB06, etc.

16:25 29.0

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FSA, Catayete, PB05, etc.

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

APL PUNTA DE LOS L 8.05 183 P Pn 16 43 06.0 -1.4

AVFE Valle Fertill 3.89 188 P Pn 16 43 10.0 -1.8

AVFE comp=Z.9,2nm,0.4s Chepes 8.82 183 P Pn 16 43 15.7 -1.5

GO04 Tololo Observa 8.88 207 Pn Pn 16 43 16.5 -1.5

GO03 El Pedregal 9.42 205 Pn Pn 16 43 24.2 -0.6

PTLB Pedro de Salas 9.05 45 Pn Pn 16 43 45.0 -0.1

PTLB Pontes e Lacer 9.49 45 Pn Pn 16 43 25.2 -0.4

CO06 Fray Jorge 9.68 210 Pn Pn 16 43 26.6 -1.3

AQDB Aarduiniana 9.87 81 eP Pn 16 43 30.6 +0.3

MRA San Martin 10.07 178 P Pn 16 43 31.0 -1.8

MRA comp=Z.2,0nm,1.7s PP1B Ponte de Pedra 11.55 68 eP Pn 16 43 50.6 -0.8

MALV Santo Antonio 11.72 59 eP Pn 16 43 53.2 -0.4

SAL2 Curacav 11.77 201 Pn Pn 16 43 52.7 -1.3

ETMB Extrema 11.43 359 eP Pn 16 44 00.2 -0.9

ETMB Carauabas 12.43 359 P Pn 16 44 02.8 +0.4

TRCB Terra Rica 12.46 95 P Pn 16 44 05.2 +0.4

BO01 Tunca 12.80 199 P Pn 16 44 08.7 +0.3

PTGB Pitanga 13.10 103 eP Pn 16 44 11.0 +1.0

PCMB Pacambu 13.79 90 eP Pn 16 44 18.4 -0.5

PCSB Pedro do Su 13.91 28 Pn Pn 16 44 19.8 +0.4

PRB Porto das Gac 13.91 42 eP Pn 16 44 20.0 -0.5

PLTB Pedras Altas 14.57 133 eP Pn 16 44 28.1 0.0

PLTB Pedras Altas 14.57 133 eP Pn 16 44 26.5 -1.7

9d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ELIELSON ARRAY, TOLK, KSH, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like WSAR, BIDO, SMDO, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SUW, BNN, BRTR, etc.

DC 09 17:08:40.1+0.8, 51.43N, 175.14W, h0km, mb3.7/7, mb1.4/0.9, mb1mx3.7/6.4, mbtmp3.7/9, ML3.2/2, Error ellipse: s-maj=35.2km s-min=20.6km az=167.0

ISC 09 17:08:45.8+0.7, 51.44N, 0.1x174.99W, 0.05, h40km, n68, o594/62, mb3.9/1.0, Andreon/94s

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like GSGI, GSMY, GSKC, etc.

NNC 09 17:23:47.8;1.2,45.47N;84.09E,h0km,mb3.5,mpv3.2, Error ellipse: s-maj=9.6km s-min=4.5km az=103.0

SOME 09 17:23:50.3,45.57N;83.87E,h15km

ISC 09 17:23:49.9;1.4,45.51N;0.05;83.82E;0.08,h10km,n28, z=42/40,6C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like MK31, MAK2, ZSN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like H11N2, H11N3, H11N1, etc.

IDC 09 17:31:11.3;0.6,16.76S;14.38W,h0km,mb4.3/15, mb1.4,4/15,mb1mx4,2/32,mbtmp4,3/15, Error ellipse: s-maj=27.0km s-min=14.5km az=113.0

NEIC 09 17:31:13.3;1.6,16.84S;0.05;14.3W;0.1,1,h1km,4km, mb4,7/24, Error ellipse: s-maj=15.4km s-min=6.6km az=71.0

ISC 09 17:31:12.6;0.5,16.80S;0.09;14.32W;0.08,h10km,n85, z=69/78,mb4.7/25, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like H10S2, H10S3, H10N1, etc.

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

NNC 09 17:38:17.1;1.4,7.3712N;70.76E,h0km,mb3.9,mpv3.5, 2C-4D, Error ellipse: s-maj=36.8km s-min=31.3km az=169.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KK31, AAK, AAK, etc.

NOU 09 17:41:39.0,37.67S;176.69E,h244km,mb3.6/7, North Island, New Zealand

WEL 09 17:41:51.0;1.6,38.9S;171.6E,h146km,5km,M2.8/59, ML2/17.0,MLV2.8/59, Error ellipse: s-maj=0.0km s-min=0.0km az=141.9, North Island

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

Table with columns: WAZ, TSZ, NEZ, PKH, etc. and corresponding station names and coordinates.

Table with columns: ORTC, PLMC, GUMC, etc. and corresponding station names and coordinates.

Table with columns: PD31, PDAR, PDAR, etc. and corresponding station names and coordinates.

IDC 09 17:48:41.7±0.5, 8.50N-71.44W, h0km, mb4.2/20, mb1.4, 4/24, mb1mx3.3/42, mbtmp4.3/24, MS4.1/1, MS1.4/1.1, ms1mx3.0/34, Error ellipse: s-maj=12.6km s-min=0.0km az=163.0

FUNV 09 17:48:43.4, 8.46N-71.41W, h2km, MW3.8, NEIC 09 17:48:44.1, 1.9, 8.56N-0.06E-71.37W-0.0, h12km, 4km, mb4.6/56, Error ellipse: s-maj=9.1km s-min=5.0km az=150.0

VAO 09 17:48:47.0, 1.2, 8.31N-71.28W, h10km, mb4.7, ISC 09 17:48:43.5, 1.2, 8.56N-0.02E-71.38W-0.0, h11km, 7km, n205, e1946/252, mb4.6/47, ID, Venezuela

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. listing various stations and their details.

Main table with columns: PTGA, PTGA, CZSB, etc. listing various stations and their details.

Main table with columns: ESCD, TORD, INK, etc. listing various stations and their details.

9d 23h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and Station Status. Includes stations like KS20 Mayfield South, CROK Carrier, BLOK Blackwell, etc.

IDC 09 23:54:08.04.0.51.53N:173.03W, h0km, mb4.6/33, mb1.4/7/33, mb1mx4.742, mbmp4.6/33, MS4.0/32, BGR 1.4/0/32, ms1mx3.9/53, Error ellipse: s-maj=17.5km s-min=10.1km az=175.0

AIIC 09 23:54:09.74.0.0.50.35N:171.71W, h47km, mb4.5, Error ellipse: s-maj=29.9km s-min=7.0km az=175.0

BUJ 09 23:54:12.1.0.0.51.79N:173.22W, h29km, mb5.1/35, mb5.0/54, Ms4.7/26, Ms7.4/4/25

MOS 09 23:54:12.7.0.8.51.54N:172.89W, h43km, mb5.0/63, MS4.0/8, Error ellipse: s-maj=6.9km s-min=5.6km az=100.4

GCMT 09 23:54:13.4.0.4.51.49N:0.03:172.71W:0.07, h18km, 1km, MW4.9/67, Moment Tensor Solution. s25,c27, s67,c80; Duration: 0 Moment tensor: Scale 1019Nm; Mr:2.28;2.0; Mw:1.94;1.5; Mw:0.33;1.1; Mw:1.05;1.33; Mw:0.48;0.8; Mw:0.50;1.35; Best double couple: M2.46700:1019 NP1:0.258,00000; S31:0.00000; 3.97,00000; NP2: 6.70,00000; S59,00000; 1.96,00000; Principal axes: T 2.5780, Plg76.0000; Azm328.0000; N -0.2210, Plg4.0000; Azm72.0000; P -2.3550, Plg14.0000; Azm163.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 09 23:54:14.4.1.5.51.41N:0.06:172.90W:0.07, h44km, 6km, mb5.0/52, ML4.3(AEIC) Error ellipse: s-maj=8.8km s-min=6.1km az=154.0

ISC 09 23:54:14.6.0.6.51.45N:0.06:172.87W:0.03, h47km, 5km, h46km: P-P, n992, o992/906, mb4.9/337, MS4.2/44, 51C-20, Andreano Islands

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and Station Status. Includes stations like KOPF Korovin Flat P, KOKF Mount Ključef, CSIG Igitkin Islan, etc.

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Main station list table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and Station Status. Includes stations like L19K White Mountain, TTA Tatalina, TTA Tatalina, etc.

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Main station list table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and Station Status. Includes stations like MCARA McCarthy VSAT, ISLE Juniper Island, H24K Noodor Dome, etc.

9d 23h

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like 020A White River Ci, 020A White River Ci, RSSD Black Hills, etc.

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Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like BGNE Belgrade, TIA Tai'an, E38A The Farm, Brul, etc.

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Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like X37A Clayton, P43A Skaggs, Pawnee Junction City, etc.

W45A	Hickory Valley	59.77	70	P	P	00 04 13.8	-0.7
ACSO	Alum Creek Sta	59.82	62	P	P	00 04 14.0	-0.8
WVW	Waverly	59.89	69	P	Pmax	00 04 15.4	0.0
WVW	Waverly	59.89	69	P	P	00 04 15.3	-0.1
WVW	Waverly	59.89	69	P	I Amb	00 04 15.4	0.0
ERPA	Erie	60.15	59	P	P	00 04 16.5	-0.6
M53A	WI Miller and	60.25	60	P	P	00 04 17.7	-0.1
M53A	WI Miller and	60.25	60	I Amb	I Amb	00 04 17.7	-0.1
ZAIG	Zacatecas	60.34	90	P	P	00 04 18.2	-0.8
ALLY	Alegheny Colle	60.39	59	P	P	00 04 18.9	+0.2
J55A	Hilton	60.50	57	I Amb	I Amb	00 04 20.5	
PLAL	Pickwick Lake	60.54	70	P	P	00 04 19.1	-0.7
N53A	Lisbon	60.60	61	I Amb	I Amb	00 04 21.2	
WVNY	West Valley, N	60.68	58	P	P	00 04 20.9	+0.2
P52A	Corning	60.70	62	P	P	00 04 20.4	-0.5
P52A	Corning	60.70	62	P	P	00 04 20.4	-0.5
M54A	Oil Creek Stat	60.74	59	P	P	00 04 20.7	-0.5
M54A	Oil Creek Stat	60.74	59	P	I Amb	00 04 20.8	-0.4
O53A	New Philadelph	60.78	61	P	P	00 04 21.0	-0.4
O53A	New Philadelph	60.78	61	I Amb	I Amb	00 04 22.3	
N54A	Moraine State	60.95	60	P	P	00 04 21.9	-0.7
N54A	Moraine State	60.95	60	P	P	00 04 22.2	-0.4
J56A	Wolcott	60.99	56	I Amb	I Amb	00 04 22.5	+0.3
VBMS	Vicksburg	61.02	74	P	P	00 04 23.3	+0.2
VBMS	Vicksburg	61.02	74	P	P	00 04 23.4	+0.2
LONY	Lake Ozonia	61.21	54	P	P	00 04 23.8	-0.6
P53A	Whipple	61.22	62	I Amb	I Amb	00 04 24.8	
M55A	Ridgway	61.25	59	P	P	00 04 24.8	+0.1
S51A	Beattyville	61.27	65	I Amb	I Amb	00 04 25.5	
J57A	Williamstown	61.34	56	P	I Amb	00 04 25.7	+0.5
K48A	Hartselle	61.52	70	I Amb	I Amb	00 04 26.0	
K57A	Scipio Center	61.55	56	P	P	00 04 27.0	+0.3
KURK	Kurchatov	61.58	317	P	Pmax	00 04 26.4	-0.3
KURK	Kurchatov	61.58	317	P	P	00 04 26.4	-0.3
NCB	Newcomb	61.85	54	I Amb	I Amb	00 04 50.4	
MOQ	Mont Orford	61.88	52	P	P	00 04 28.7	-0.1
MCWV	Mont Chateau	61.94	61	P	P	00 04 28.9	-0.4
BORG	Borgarnes	62.05	13	LR	LR	00 34 59.5	
TZTN	Tazewell	62.07	66	P	P	00 04 30.3	+0.1
J59A	Piesco	62.07	55	I Amb	I Amb	00 04 31.4	
V51A	Loudon	62.13	67	P	I Amb	00 04 30.2	-0.4
D62A	Allapoint, All	62.14	49	P	P	00 04 30.6	+0.2
BINY	Binghamton	62.21	57	P	P	00 04 30.4	-0.7
BINY	Binghamton	62.21	57	P	P	00 04 31.5	+0.4
O56A	Blue Knob Stat	62.21	60	I Amb	I Amb	00 04 30.6	-0.5
O56A	Blue Knob Stat	62.21	60	I Amb	I Amb	00 04 32.1	
M57A	Sunshine Farm,	62.22	58	P	P	00 04 31.4	+0.3
M57A	Sunshine Farm,	62.22	58	I Amb	I Amb	00 04 32.6	
E62A	Clayton Lake	62.25	49	I Amb	I Amb	00 04 33.6	
CPCT	Cooper Cave	62.28	67	P	P	00 04 30.8	-0.9
CPCT	Cooper Cave	62.28	67	I Amb	I Amb	00 04 48.9	
Y49A	Blount Mountai	62.31	70	P	I Amb	00 04 31.2	-0.6
SSPA	Standing Stone	62.31	59	P	P	00 04 31.5	-0.2
SSPA	Standing Stone	62.31	59	P	P	00 04 31.8	0.0
WMQ	Urmuj	62.35	306	eP	pP	00 04 32.8	+0.7
WMQ	Urmuj	62.35	306	eP	pP	00 04 45.5	+1.6
WMQ	Urmuj	62.35	306	eP	pP	00 04 45.5	+1.6
WMQ	Urmuj	62.35	306	eP	pP	00 04 45.5	+1.6
WMQ	Urmuj	62.35	306	eP	pP	00 04 45.5	+1.6
SS4A	Dingess Beckl	62.45	63	P	P	00 04 32.8	+0.1
V52A	Sevierville	62.54	66	I Amb	I Amb	00 04 34.1	
ACCN	Adirondack Com	62.55	54	P	I Amb	00 04 33.5	+0.2
ACCN	Adirondack Com	62.55	54	P	I Amb	00 04 34.9	
TKL	Tuckaleehee C	62.57	67	LR	LR	00 30 46.6	
TKL	Tuckaleehee C	62.57	67	I Amb	I Amb	00 04 34.2	
L59A	Walton	62.70	56	P	P	00 04 34.8	+0.4
R55A	Marlinton	62.72	62	P	P	00 04 34.3	-0.7
KSPA	Keystone Colle	62.78	57	P	P	00 04 35.2	+0.3
KSPA	Keystone Colle	62.78	57	I Amb	I Amb	00 04 36.4	
G62A	West of Eustis	62.79	51	P	P	00 04 35.5	+0.6
N58A	Sunbury	62.79	58	P	P	00 04 35.4	+0.4
LBNH	Lisbon	62.81	52	P	P	00 04 34.9	-0.1
MK31	Makanchi Array	62.82	312	P	Pmax	00 04 34.7	-0.4
MK31	Makanchi Array	62.82	312	P	I Amb	00 04 34.7	-0.4
MK31	Makanchi Array	62.82	312	P	I Amb	00 04 35.9	
MKAR	Makanchi Array	62.82	312	P	P	00 04 34.7	-0.5
MKAR	Makanchi Array	62.82	312	P	P	00 04 34.8	+0.4
MKAR	Makanchi Array	62.82	312	P	I Amb	00 04 36.2	
MAKZ	Makanchi	62.96	312	P	Pmax	00 04 35.6	-0.4
MAKZ	Makanchi	62.96	312	P	Pmax	00 04 35.6	-0.4
MAKZ	Makanchi	62.96	312	P	I Amb	00 04 36.3	
F63A	Nahmakanta, Br	63.12	50	P	P	00 04 36.9	-0.2
F63A	Nahmakanta, Br	63.12	50	I Amb	I Amb	00 04 38.2	
J61A	Chester	63.14	54	P	P	00 04 37.5	+0.2
J61A	Chester	63.14	54	I Amb	I Amb	00 04 38.9	
PRGR	Permogore	63.16	341	eP	P	00 04 36.1	-0.9
PRGR	Permogore	63.16	341	eP	Pmax	00 05 14.7	
BRVK	Borovoye	63.16	323	iP	P	00 04 37.4	+0.2
BRVK	Borovoye	63.16	323	iP	Pmax	00 04 37.4	+0.2
BRVK	Borovoye	63.16	323	P	I Amb	00 04 37.6	+0.4
BRVK	Borovoye	63.16	323	P	I Amb	00 04 38.8	
PAGS	Pennsylvania G	63.23	58	P	I Amb	00 04 38.2	+0.3
PAGS	Pennsylvania G	63.23	58	P	I Amb	00 04 39.0	
N59A	State Game Lan	63.24	57	P	P	00 04 37.8	-0.2

N59A	State Game Lan	63.24	57	P	P	00 04 38.1	+0.1
PKME	Peaks-Kenny Pk	63.35	50	P	P	00 04 38.1	-0.5
PKME	Peaks-Kenny Pk	63.35	50	P	P	00 04 37.7	-0.8
BLA	Blacksburg	63.36	63	P	P	00 04 39.0	+0.1
SVE	Sverdlouk	63.44	330	eP	P	00 04 38.5	-0.5
SVE	Sverdlouk	63.44	330	eP	Pmax	00 04 38.5	-0.5
MVL	Millersville	63.59	58	P	I Amb	00 04 39.6	-0.6
MVL	Millersville	63.59	58	P	I Amb	00 04 41.6	
I63A	Otisfield	63.61	52	P	P	00 04 39.0	-1.3
LUPA	Lehigh Univer	63.67	57	P	I Amb	00 04 41.3	+0.5
LUPA	Lehigh Univer	63.67	57	I Amb	I Amb	00 04 41.9	
ODNJ	Ogdensburg	63.73	57	P	P	00 04 41.3	+0.2
ODNJ	Ogdensburg	63.73	57	I Amb	I Amb	00 04 43.2	
L61B	Northampton	63.73	54	P	P	00 04 40.7	-0.5
L61B	Northampton	63.73	54	P	P	00 04 40.7	-0.5
SDMD	Soldier's Deli	63.75	59	P	I Amb	00 04 41.8	+0.4
SDMD	Soldier's Deli	63.75	59	P	I Amb	00 04 42.5	
S57A	Dark Hollow, R	63.78	62	P	I Amb	00 04 41.7	+0.1
S57A	Dark Hollow, R	63.78	62	P	I Amb	00 04 43.2	
K62A	Royalston	63.80	54	I Amb	I Amb	00 04 43.2	
KSCT	Kent School, K	63.84	55	I Amb	I Amb	00 04 43.1	
BRAL	Brewton	63.84	72	P	P	00 04 42.3	+0.2
TRNY	Table Rock, Ra	63.88	56	P	I Amb	00 04 41.2	-0.9
TRNY	Table Rock, Ra	63.88	56	P	I Amb	00 04 43.8	
GYA	Guiyang	63.98	280	iP	Pmax	00 04 44.5	+1.3
GYA	Guiyang	63.98	280	iP	Pmax	00 04 44.5	+1.3
U56A	King	64.00	64	P	P	00 04 43.1	+0.1
BRNJ	Basking Ridge	64.04	57	P	P	00 04 43.8	+0.5
P60A	Greenville	64.10	58	P	P	00 04 43.4	-0.2
PAL	Palisades	64.15	56	P	P	00 04 44.0	+0.1
PAL	Palisades	64.15	56	P	P	00 04 44.0	+0.1
152A	Waverly Hall	64.15	70	P	I Amb	00 04 42.3	-1.7
152A	Waverly Hall	64.15	70	P	I Amb	00 04 43.7	
HRV	Adam Dzewonski	64.26	54	P	P	00 04 44.1	-0.5
CPNY	Central Park	64.28	56	P	P	00 04 44.6	-0.1
WSPT	Westport, CT	64.33	56	P	P	00 04 45.1	+0.1
KM5C	Kings Mountain	64.33	65	P	P	00 04 45.0	-0.2
KM5C	Kings Mountain	64.33	65	P	P	00 04 45.0	-0.2
CMBC	Corbin Fountain	64.33	60	P	P	00 04 45.4	+0.2
CMBC	Corbin Fountain	64.33	60	P	P	00 04 45.4	+0.2
GOGA	Godfrey	64.35	68	I Amb	I Amb	00 04 44.4	-0.9
GOGA	Godfrey	64.35	68	I Amb	I Amb	00 04 45.5	
ARU	Arti	64.41	331	iP	S	00 04 45.0	-0.4
ARU	Arti	64.41	331	iP	S	00 13 21.4	+1.3
ARU	Arti	64.41	331	iP	S	00 04 44.8	-0.5
ARU	Arti	64.41	331	iP	S	00 04 45.9	
ARU	Arti	64.41	331	iP	S	00 04 45.9	
HODGE	Hodges	64.45	67	I Amb	I Amb	00 04 46.7	
GGN	Saint George	64.63	49	P	P	00 04 46.7	-0.3
M63A	Gales Ferry	64.82	55	P	P	00 04 48.5	+0.2
KIRV	Kirov	65.03	337	LR	LR	00 34 40.3	
KIRV	Kirov	65.03	337	LR	LR	00 34 40.3	
KIRV	Kirov	65.03	337	LR	LR	00 34 40.3	
KIRV	Kirov	65.03	337	LR	LR	00 34 40.3	
KIRV	Kirov	65.03	337	LR	LR	00 34 40.3	
T59A	Double "B" Far	65.12	62	P	I Amb	00 04 50.5	+0.2
T59A	Double "B" Far	65.12	62	P	I Amb	00 04 53.4	
U99A	Littleton	65.44	62	I Amb	I Amb	00 04 53.4	
U99A	Littleton	65.44	62	I Amb	I Amb	00 04 53.4	
NOA	Nuku Hiva Isl	66.37	144	eLR	LR	00 25 08.2	
NOA	Nuku Hiva Isl	66.37	144	eLR	LR	00 25 08.2	
FINES	FINESS Array B	66.44	350	P	P	00 04 57.8	-0.6
FINES	FINESS Array B	66.44	350	P	P	00 04 57.8	-0.6
FINES	FINESS Array B	66.44	350	P	P	00 04 57.8	-0.6
FINES	FINESS Array B	66.44	350	P	P	00 04 57.8	-0.6
FINES	FINESS Array B	66.44	350	P	P	00 04 57.8	-0.6
NHSC	New Hope	66.46	66	P	P	00 04 58.8	-0.2
NHSC	New Hope	66.46	66	P	P	00 04 58.8	-0.2
KMI	Kunming	67.36	282	iP	Pmax	00 05 05.9	+0.8
KMI	Kunming	67.36	282	iP	Pmax	00 05 05.9	+0.8
NB2	NORSAR Subarra	67.81	358	P	P	00 05 06.7	-0.4
NB2	NORSAR Subarra	67.81	358	P	P	00 05 06.8	-0.4
NOA	NORSAR Array B	67.81	358	P	P	00 05 06.8	-0.4
NOA	NORSAR Array B	67.81	358	P	P	00 05 06.8	-0.4
NOA	NORSAR Array B	67.81	358	P	P	00 05 06.8	-0.4
NOA	NORSAR Array B	67.81	358	P	P	00 05 06.8	-0.4
TARG	Taragay, Kyrgy	68.76	311	P	P	00 05 14.2	+0.3
TKM2	Tokmak 2	68.86	313	P	P	00 05 14.8	+0.5
USP	Ospenovka	69.09	314	P	P	00 05 16.2	+0.7
ULHL	Ulaloh	69.09					

10d Oh

Table of astronomical observations for 10d Oh, listing codes, station names, magnitudes, and other parameters.

2015 NOV

Main table of astronomical observations for 2015 NOV, including station names, magnitudes, and phase IDs.

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Table of astronomical observations for 618, listing station names, magnitudes, and phase IDs.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 621 range.

Main table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations in the 2015 NOV range.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 10d 2h range.

10d 3h

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KMINR, KBTR, KRSTV, etc.

NOU 10 03:18:40.7, 21.09S:178.70W, h609km, mb4.9/14, Fiji Islands Region
NEIC 10 03:18:41.2, 1.4, 20.8S:0.1x178.8W:0.1, h601km, 10km, mb4.3/47, Error ellipse: s-maj=21.2km s-min=17.1km

IDC 10 03:18:42.8, 1.3, 20.87S:178.90W, h608km, 12km, mb3.6/13, mb1.3/8.16, mb1mx3.6/31, mbmt4.5/16, Error ellipse: s-maj=23.4km s-min=12.7km az=150.0
ISC 10 03:18:42.4, 0.4, 21.07S:0.07:178.84W:0.07, h619km, n163, o1912/172, mb4.3/38, 43C-1D, Fiji Islands region

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

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KHZ, EIDS, ARMA, etc.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like GSPA, MJAR, PETK, etc.

2015 NOV

Main table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like K05A, O1BK, H04A, etc.

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

IPEC 10 03:19:17.9, 0.2, 50.07N:18.47E, h1km, 2km, ML2.1/3, Error ellipse: s-maj=1.9km s-min=1.1km az=163.0
PRU 10 03:19:18.5, 0.0, 50.04N:18.38E, h0km
ISC 10 03:19:17.9, 0.0, 50.08N:0.03:18.42E:0.02, h0km, n23, o0964/3, Poland

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

IDC 10 03:20:14.5:2.8, 6.43N:93.66E, h0km, mb3.5/4, mb1.3/8.6, mb1mx3.5/43, mbtmp3.7/6, ML4.1/2, MS3.4/3, Ms1 3.4/3, ms1mx2.8/34, Error ellipse: s-maj=89.3km s-min=25.5km az=61.0

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

PRU 10 03:20:56.9, 0.0, 50.35N:18.94E, h0km, Poland

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

KRSZO 10 03:21:24.2, 1.2, 48.61N:20.12E, h5km, ML1.4/6, Error ellipse: s-maj=7.3km s-min=5.4km az=71.0, Czech and Slovak Republics

10d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUMR Humele, GUNZ Gunzen, WERN Wernitzgruen, etc.

SOME 10 03:38:35.1, 39.58N-75.27E, h5km
KRNET 10 03:38:35.2, 0.1, 39.54N-75.17E, mb3.1
NNC 10 03:38:39.0, 0.7, 39.93N-75.37E, h0km, mb3.7, mpv3.4,
Error ellipse: s-maj=5.0km s-min=3.4km az=160.0
ISC 10 03:38:33.4, 1.8, 39.76N-106.7536E, 0.03, h2km, 12km,
n67, r1525/100, 28C-16D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, SALK Salom-Alik, OHH Osh, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK 12nm, 0.6s, AAK Ala-Archa, EKS2 Erkin-Say, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IUG 16nm, 0.7s, PDGK Podgornoye, etc.

IDC 10 03:40:12.9, 1.4, 21.04S-174.51W, h0km, mb4.0/6,
mb1 4.2/7, mb1mx3.9/24, mbtrmp3.9/7, ML3.9/1, MS3.5/2,
MS1 3.5/2, ms1mx2.8/31, Error ellipse: s-maj=53.3km
s-min=26.0km az=139.0
ISC 10 03:40:15.4, 1.0, 21.25S-174.2W, 0.2, h27km, n14,
<2527/10, mb3.9/5, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, MSVF Nonavsu, RAO Raoul Island, etc.

NNC 10 03:50:42.0, 0.8, 39.80N-75.10E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=6.2km s-min=3.7km az=166.0
SOME 10 03:50:44.0, 39.83N-75.28E, h10km
KRNET 10 03:50:46.5, 0.1, 39.79N-75.17E, mb3.6
ISC 10 03:50:39.2, 1.4, 39.64N-104.7533E, 0.03, h17km, 14km,
n75, r190/115, 32C-13D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SALK Salom-Alik, OHH Osh, UCH Uchtor, etc.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ITRB, PDRB, ARAC, CLDB, IPMB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NBNP, TMAB, NEMA, NBPV, SNA, etc.

IDC 10 04:17:14.1±1.2, 35.63N:23.58E, h0km, mb4.0/6, mb1.4/0.6, mb1mx3.6/4.0, mbtmp4.0/6, Error ellipse: s-maj=26.4km s-min=17.4km az=31.0

ATH 10 04:17:16.8, 35.61N:23.58E, h10km, 2km, ML3.2/4, Error ellipse: s-maj=2.8km s-min=0.7km az=223.0

THE 10 04:17:16.2±1.0, 35.58N:0.03, 23.56E:0.03, h12km, 7km, n42, c085/55, mb3.9/6, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANKY, KNDR, IMMV, VAM, etc.

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

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

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

SJA 10 04:25:55.2, 6.24, 10S:0.09:66.9W:0.2, h268km, 8km, Error ellipse: s-maj=22.1km s-min=13.0km az=98.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like mb1 3.4/5, mb1mx3.1/25, etc.

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

NEIC 10 04:28:56.4±0.4, 32.7S:0.1:178.08W:0.06, h10km, 2km, mb4.1/5, Error ellipse: s-maj=21.0km s-min=8.4km az=5.0

IDC 10 04:28:57.9, 6.7, 31.41S:178.56W, h0km, mb3.8/2, mb1.4/1.2, mb1mx3.7/19, mbtmp3.8/2, Error ellipse: s-maj=280.4km s-min=57.2km az=157.0

ISC 10 04:28:58.6±1.6, 32.6S:0.2:178.1W:0.3, h35km, n12, r=117/13, mb4.0/5, South of Kermadec Islands

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

IDC 10 04:47:39.5±5.6, 36.09N:70.46E, h184km, 55km, mb3.4/4, mb1.3/3.8, mb1mx3.0/54, mbtmp3.8/8, Error ellipse: s-maj=59.5km s-min=40.7km az=132.0

NNC 10 04:47:49.8±3.7, 37.00N:70.43E, h224km, 54km, mb2.8, mpv3.9, Error ellipse: s-maj=39.8km s-min=24.2km az=20.0

SOME 10 04:47:50.1, 37.20N:70.60E, h0km, r=153/23, mb3.8/3.5C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IUG, BRLS, KK31, etc.

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

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

ISC 10 04:53:00.4±1.0, 39.980N:75.10E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=7.4km s-min=4.6km az=166.0

SOME 10 04:53:01.6, 39.90N:75.23E, h0km, KRNET 10 04:53:02.4±0.1, 39.69N:75.45E, mb3.4

ISC 10 04:53:01.1±1.2, 39.77N:0.04:75.36E:0.03, h10km, n71, c=25/108, 39C-12D, South Xinjiang

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

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

ISC 10 04:53:01.1±1.2, 39.77N:0.04:75.36E:0.03, h10km, n71, c=25/108, 39C-12D, South Xinjiang

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

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

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

10d 6h

HARP	HAARP	18.31	44	P	Pn	06 19 14.8 +0.4
CCM	Clear Creek Bu	18.32	35	P	P	06 19 13.2 -1.1
MDB	Murphy Dome	18.35	34	P	P	06 19 14.1 -0.5
PAX	Paxson	18.41	42	P	P	06 19 15.2 -0.2
H24K	Yukon River	18.43	31	P	Pn	06 19 16.7 +0.9
H23K	Yukon River	18.43	31	Iamb	Iamb	06 19 24.9
CRQM	Cirque	18.68	50	P	Pn	06 19 19.6 +0.6
CRQM	Cirque	18.70	50	P	Pn	06 19 19.7 +0.5
POKR	Poker Flat Res	18.71	35	P	Pn	06 19 19.4 +0.2
IL31	Eielson Array	18.72	36	P	P	06 19 17.3 -1.4
ILAR	Eielson Array	18.72	36	P	P	06 19 16.8 -1.9
ILAR	Eielson Array	18.72	36	P	P	06 19 16.8 -1.9
ILAR	Eielson Array	18.72	36	P	P	06 19 16.8 -1.9
TLGL	Tana Glacier	18.83	50	P	P	06 19 21.1 +0.4
MCARA	McCarthy VSAT	18.91	48	P	Pn	06 19 21.3 +0.5
H24K	Noodor Dome	18.98	32	P	Pn	06 19 22.5 +0.1
H24K	Noodor Dome	18.98	32	Iamb	Iamb	06 19 22.1
RIDG	Independent Ri	19.00	40	P	P	06 19 22.2 +0.4
COLD	Coldfoot	19.15	27	P	Pn	06 19 25.2 +0.8
COLD	Coldfoot	19.15	27	P	Pn	06 19 23.8 +0.4
COLD	Coldfoot	19.15	27	P	Iamb	06 19 31.8
J25K	Salcha River	19.20	37	P	P	06 19 23.1 -0.9
M26K	Nabesna, AK	19.25	45	P	P	06 19 24.7 +0.1
DOT	Dot Lake	19.28	41	P	P	06 19 24.6 -0.2
L26K	Log Cabin Wild	19.32	43	P	P	06 19 25.5 +0.2
GRNC	Granite Creek	19.33	50	P	P	06 19 25.5 -0.1
SCRK	Sand Creek	19.45	40	P	P	06 19 26.5 -0.3
CTG	Chitna Glacier	19.59	50	P	P	06 19 28.6 +0.3
PRP	Porcupine Dome	19.61	35	P	P	06 19 28.2 -0.3
PRP	Porcupine Dome	19.61	35	P	Pn	06 19 32.2 +2.2
PRP	Porcupine Dome	19.61	35	P	Iamb	06 19 34.3
M27K	Edge Creek, AK	19.73	45	P	P	06 19 29.7 -0.2
M27K	Edge Creek, AK	19.73	45	P	Pn	06 19 32.1 +0.6
M27K	Edge Creek, AK	19.73	45	P	Iamb	06 19 32.3
J26L	Joseph Creek	19.84	39	P	P	06 19 30.0 -1.0
PINM	Pinnacle	19.93	52	P	P	06 19 32.5 +0.5
FYU	Fort Yukon	20.28	32	P	P	06 19 36.4 +0.8
FYU	Fort Yukon	20.28	32	P	Iamb	06 19 53.5
PNL	Peninsula	20.29	54	P	P	06 19 36.4 +0.7
TOLK	Tooklik Lake Re	20.30	25	P	Pn	06 19 37.3 -0.9
EGAK	Eagle	20.90	39	P	P	06 19 42.0 -0.3
EGAK	Eagle	20.90	39	P	P	06 19 42.1 -0.3
EGAK	Eagle	20.90	39	P	P	06 19 42.9 -0.2
EGAK	Eagle	20.90	39	P	P	06 19 42.9 -0.2
BMAR	Burnt Mountain	20.97	31	P	Pn	06 19 44.8 -1.1
YUK6	Outpost Mounta	21.00	51	P	P	06 19 42.9 -0.8
DAWY	Dawson	21.35	42	P	P	06 19 47.8 +0.5
HYT	Haines Junctio	21.39	51	P	P	06 19 47.7 -0.1
HYT	Haines Junctio	21.39	51	P	P	06 19 48.8 +1.0
HYT	Haines Junctio	21.39	51	P	Iamb	06 20 10.1
I29M	Ogilvie Camp,	22.24	39	P	P	06 19 57.1 +0.3
SKAG	Skagway	22.32	55	P	P	06 19 57.9 +0.3
EPYK	Eagle Plains	23.22	37	P	P	06 20 05.9 -1.0
EPYK	Eagle Plains	23.22	37	P	Iamb	06 20 06.5
MMPY	Sheldon Lake,	24.59	48	P	P	06 20 19.6 -0.3
DLBC	Dease Lake	25.07	58	P	P	06 20 25.2 +0.9
DLBC	Dease Lake	25.07	58	P	P	06 20 26.1 +1.9
INK	Inuvik	25.08	34	P	P	06 20 24.0 -0.2
INK	Inuvik	25.08	34	P	P	06 20 24.0 -0.2
INK	Inuvik	25.08	34	P	P	06 20 24.0 -0.2
INK	Inuvik	25.08	34	P	P	06 20 24.0 -0.2
A36M	Sachs Harbour	29.00	28	Iamb	Iamb	06 21 08.0
YKA	Yellowknife Ar	32.29	48	LR	LR	06 36 18.2
E04D	Cinebar	32.77	79	P	P	06 21 32.9 +0.1
LON	Longmire	33.14	78	P	P	06 21 34.2 +1.2
NEW5	Fort Rock, OR	35.23	83	P	P	06 21 54.8 +0.4
J05D	Newport	35.27	73	P	P	06 21 54.2 -0.3
NEW	Newport	35.27	73	P	P	06 21 54.7 +0.2
NEW	Newport	35.27	73	P	Iamb	06 21 56.0
H112H	WAKE ISLAND Hy	35.65	214	T	T	07 00 07.8
H11N3	WAKE ISLAND Hy	35.66	214	T	T	07 00 07.7
H11N1	WAKE ISLAND Hy	35.67	214	T	T	07 00 08.1
M04C	Macdoel	35.68	86	P	P	06 21 58.5 +0.3
K05A	Summer Lake	35.74	84	P	P	06 21 59.5 +0.6
I07A	Izeze	35.88	81	P	P	06 22 00.1 +0.2
I07A	Izeze	35.88	81	P	Iamb	06 22 01.3
O02D	Diablo Mer	36.01	89	P	P	06 22 01.5 +0.6
O03E	Paynes Creek	36.55	88	P	P	06 22 06.2 +0.5
H11S1	WAKE ISLAND Hy	36.85	214	T	T	07 01 27.9
H11S2	WAKE ISLAND Hy	36.87	213	T	T	07 01 32.4
H11S3	WAKE ISLAND Hy	36.87	214	T	T	07 01 28.8
J08A	Circle Bar Ran	36.89	81	P	P	06 22 09.4 +0.8
J08A	Circle Bar Ran	36.89	81	P	Iamb	06 22 09.4
M50	Missoula	37.85	73	P	P	06 22 16.5 -0.1
HLID	Hailey	39.27	78	P	P	06 22 28.5 -0.1
EGMT	Eagleton	39.72	70	P	P	06 22 32.4 +0.1
NVAR	Mina Array Bea	39.84	87	P	P	06 22 33.7 +0.2
BOZ	Bozeman (W)	39.86	74	P	P	06 22 33.0 -0.5
RLMT	Red Lodge	41.52	73	P	P	06 22 47.0 -0.2
R11A	Troy Canyon, C	41.58	86	P	P	06 22 47.2 -0.6
PDAR	Pinedale Array	42.66	76	P	P	06 22 56.4 -0.2
PDAR	Pinedale Array	42.66	76	P	P	06 22 56.6 0.0
BFSC	Mount Baldy Ra	42.91	92	P	P	06 22 58.7 +0.2
109C	Camp Elliot, M	44.15	93	P	P	06 23 08.6 +0.2

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SRU	San Rafael Swe	44.23	81	P	Iamb	06 23 09.5 +0.2
SRU	San Rafael Swe	44.23	81	P	Iamb	06 23 11.0
O20A	W. River Cr	45.01	78	P	P	06 23 14.7 -0.7
WUAZ	Wupatki	45.98	86	P	P	06 23 22.6 -0.6
SDCO	Great Sand Dun	48.16	79	P	P	06 23 39.3 -1.0
T5CA	Trinidad	49.22	79	P	P	06 23 47.4 -1.0
ECSO	EROS Data Cent	49.72	67	P	P	06 23 51.6 -0.2
S0NM	Songino Array	49.75	299	P	P	06 23 51.7 -0.4
HHC	Hu-ho-hao-te	51.11	289	eP	pmax	06 24 04.4 +2.0
HHC	Hu-ho-hao-te	51.11	289	eP	pmax	06 24 04.4 +2.0
HHC	Hu-ho-hao-te	51.11	289	eP	pmax	06 24 04.4 +2.0
JFWS	Jewell Farm	53.85	64	P	P	06 24 20.0 -2.6
TXAR	Lajitas Array	54.94	86	P	P	06 24 30.5 -0.3
JCT	Junction City	56.82	82	P	P	06 24 41.6 -0.6
U40A	Yellow	56.69	72	P	P	06 24 41.4 -1.8
W39A	Magazine	56.93	74	P	P	06 24 44.2 -0.6
XAN	Xian	57.19	285	P	P	06 25 00.6 +1.4
XAN	Xian	57.19	285	P	pP	06 25 04.8 +3.0
XAN	Xian	57.19	285	P	pmax	06 25 04.8 +3.0
MIAR	Mount Ida	57.50	74	P	P	06 24 47.9 -1.0
W41B	Gary Mavity, V	57.86	73	P	P	06 24 49.7 -1.7
WVT	Waverly	59.79	69	P	P	06 25 03.6 -1.2
M53A	WI Miller and	60.11	60	P	P	06 25 06.0 -0.9
KURK	Kurchatov	61.38	317	P	P	06 25 15.5 +0.1
KURK	Kurchatov	61.38	317	Iamb	Iamb	06 25 17.4
KURB	Kurchatov Arra	61.49	317	P	P	06 25 15.5 -0.6
WMQ	Urumqi	62.19	306	eP	P	06 25 26.0 +4.9
MKAR	Makanchi Array	62.64	312	P	P	06 25 23.0 -1.0
BVAR	Borovyoye Array	62.93	323	P	P	06 25 25.6 -0.2
N59A	State Game Lan	63.49	57	P	P	06 25 26.7 -0.3
BLA	Blacksburg	63.24	63	P	P	06 25 27.7 -0.4
HRV	Adam Dzewonski	64.10	54	P	P	06 25 33.3 -0.3
AAK	Ala-Archa	69.40	313	P	P	06 26 07.6 0.0
AKTO	Aktuybinsk	69.45	328	P	P	06 26 07.4 -0.2
ASAR	Alice Springs	88.34	227	P	P	06 27 51.7 +0.4
ASAR	Alice Springs	88.34	227	P	P	06 27 51.7 +0.4

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LPZA	La Paz	14.75	13	Pn	Pn	06 34 05.7 +0.8
SIV	San Ignacio	17.54	35	P	P	06 34 40.1 -0.5
TXAR	Lajitas Array	67.16	330	P	P	06 41 28.9 +1.0
TORD	Torodi Ar. Bea	82.69	70	P	P	06 42 57.4 -0.4
H11S2	WAKE ISLAND Hy	26.21	271	T	T	09 08 30.5
H11S1	WAKE ISLAND Hy	26.21	271	T	T	09 08 25.3
H11S3	WAKE ISLAND Hy	26.21	271	T	T	09 08 23.9
ZALV	Zalesovo Beam	151.24	30	PKPbc	PKIKP	06 50 25.9 -1.1

NNC 10 06:31:16.4±3.3, 54.32N×86.38E, h0km, mb3.4, mpv2.6, Error ellipse: s-maj=63.1km s-min=17.5km az=165.0, Suspected Mining explosion, IDC 10 06:31:18.6±2.6, 62.51°N, 86.32°E, h0km, mb1.3, 1.1/1, mb1mx2.9/4.4, mbtmp3.1/1, ML3.0/1, Error ellipse: s-maj=20.1km s-min=12.0km az=59.0, ISC 10 06:31:10.9±2.2, 53.26°N, 07.86°E, 0.1, h0km, n7, c076/8, 6C-2D, Southwestern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	h m s	
I46RU	ZALESOVO INFRA	1.21	305	I	06 35 13.4		
ZAAO	Zalesovo Array	1.21	305	↑P			06 31 35.2 +0.1
ZAAO	Zalesovo Array	1.21	305	↑S			06 31 34.9 -0.6
ZALV	Zalesovo Beam	1.21	305	Pg			06 31 49.2 +0.2
ZALV	Zalesovo Beam	1.21	305	Pg			06 31 49.1
ZALV	Zalesovo Beam	1.21	305	Pg			06 31 54.9
KURK	Kurchatov	5.49	245	↑Pn			06 32 47.0 -0.7
KURK	Kurchatov	5.49	245	↑Pn			06 34 25.2
KURB	Kurchatov Arra	5.59	245	↑Pn			06 32 48.6 -0.7
KURB	Kurchatov Arra	5.59	245	↑Pn			06 33 58.0 +1.2
KURB	Kurchatov Arra	5.59	245	↑Pn			06 34 31.5
MK31	Makanchi Array	7.02	204	↑Pn			06 33 13.6 0.0
MKAR	Makanchi Array	7.02	204	↑Pn			06 33 13.4 -0.2

IDC 10 06:40:24.9±0.7, 10.12°S×108.05°E, h0km, mb4.2/9, mb1.4, 3/1/1, mb1mx0.3/6, mbtmp4.2/11, ML4.0/2, MS3.3/6, MS1.3/6, ms1mx3.0/38, Error ellipse: s-maj=28.7km s-min=11.4km az=66.0, DJA 10 06:40:25.0±0.4, 10.3°S, 10.8°E, h10km, ML4.8/18, mb5.0/13, mb5.4/7, MLV4.8/18, Mw(mb)4.8/7, MwMwp5.0/1, Mw5.0/1, NEIC 10 06:40:26.0±2.9, 10.175°S, 107.94°E, 0.06, h10km, 1km, mb4.2/14, Error ellipse: s-maj=11.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR, COEN, H08S2, H08S3, H08S1, STKA, CAN, SONM, MKAR, MAW, ZALV, BOSB, MMAL, SNAI, TXAR, BDFB, SIV, LPAZ.

SOF 10 06:53:46.0, 39.47N, 24.07E, h8km, MD3.5
ISK 10 06:53:47.1, 39.41N, 23.99E, h12km, ML3.5/18
ATH 10 06:53:47.4, 39.39N, 23.95E, h32km, 3km, ML3.5/6, Error ellipse: s-maj=3.0km s-min=0.9km az=221.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ALNA, PAIG, NEO, XOR, SKY, KYMI, EFSB, OUR, LIA, PLG, LKR, WIL2, DION, THAS, AGG, PTL, HORT, KARY, ATH, THE, SIGH, SIGH, SOH, LKH, THL, VLY, KVA, LTK, LTK, SMTH, KAVA, BOZC, GPNR, GADA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GOKC, SRS, SRS, SERG, SERG, EZIN, EFP, EFP, CHOS, CHOS, CHOS, KNT, KNT, KNT, GUR, GUR, NVR, GRG, KLV, KLV, KPRO, CESE, RDO, ENEZ, KRBN, GELI, ALN, ALN, MMB, MMB, VAY, UURLA, DKL, NVR, LPK, RZN, KZD, KKB, UKOP, STIP, KRBB, PLD, RKY, MARS, GONE, GONE, MRMT, VTS, VTS, KXTX, CTX, PLVB, YLV, BOVS, HDR, IDVR, VOIR, MLR, BZS, PLOR, VRI.

NNC 10 07:05:17.5, 0.9, 53.76N, 88.36E, h0km, mb3.8, mpv3.5, 9C-3D, Error ellipse: s-maj=7.2km s-min=4.3km az=59.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZAAO, ZAAO, KURK, KURK, KURB, KURB, KURB, MK31, MK31, MAKZ, MAKZ, MAKZ.

JMA 10 07:05:44.8, 0.4, 21.76N, 121.22E, h37km, M4.3
TAP 10 07:05:46.8, 21.97N, 121.25E, h2km, ML3.7, D
ISC 10 07:05:45.3, 1.9, 21.84N, 0.07, 121.33E, 0.03, h3km, 11km, n47, c072/69, Taiwan region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LAY, LAY, LAY, TSEB, TSEB, TSEB, TWBK, TWBK, TWBK, HEN, HEN, SLIU, SLIU, EAST, EAST, LDUT, LDUT, SSPT, SSPT, TWGB, TWGB, MASBT, MASBT, TWG, TWG, TWG, TSMG, TSMG, SSD, SSD, EDH, EDH, EDH, CHKT, CHKT, ECS, ECS, ECS, LGST, LGST, LGST.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SGST, STYH, STYH, ECBN, ECBN, CHN1, CHN1, CHN1, YULB, YULB, WTP, WTP, TPUB, TPUB, TWK, TWK, ICHY, ICHY, ICHU, ICHU, EGFH, EGFH, CHNS, CHNS, CHY, CHY, SSSL, SSSL, WDLH, WDLH, SMLT, SMLT, TYC, TYC, CHGB, CHGB, YOJ, YOJ, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JKRS, JKRS, JISG, JISG, JISG, JISG, JTJ, JTJ, JIRB, JIRB, JMJ2, JMJ2.

NEIC 10 07:11:48.3, 1.0, 36.421N, 0.005, 96.93W, 0.02, h5km, 2km, mb_Lg2.77, Error ellipse: s-maj=3.0km s-min=2.5km az=76.0, Oklahoma

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like QUOK, QUOK, BLOK, BLOK, OK031, OK031, OK030, OK030, T35A, T35A, KAN13, KAN13, OK029, OK029, CROK, CROK, GCO2, GCO2, OK025, OK025, KAN09, KAN09, KAN17, KAN17, BCOK, BCOK, KSK0, KSK0, KAN01, KAN01, KAN14, KAN14, KAN05, KAN05, TUL1, TUL1, TUL1, OKCFA, OKCFA, OK032, OK032, KAN06, KAN06, KAN08, KAN08, KAN16, KAN16, KAN16, KAN16, FNO, FNO, KAN12, KAN12, U32A, U32A, X34A, X34A, U38A, U38A, X37A, X37A, WMOK, WMOK, WMOK, WMOK, HHAR, HHAR, LOOK, LOOK, KSU1, KSU1, W39A, W39A, S39A, S39A, U40A, U40A, MIAR, MIAR, FCAR, FCAR, WHAR, WHAR, R40A, R40A, LCAR, LCAR, T42A, T42A, GCM, GCM, HBAR, HBAR, PBMO, PBMO, L34A, L34A, HALT, HALT, HALT, HALT, KRNET, KRNET, SOMI, SOMI, NNC, NNC, Error ellipse: s-maj=14.8km s-min=9.4km az=32.0, ISC 10 07:51:22.7, 1.5, 41.02N, 0.03, 69.96E, 0.05, h10km, 11km, n17, c127/30, 8C-2D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDCO Great Sand Dun, HBAR Harrisburg, PBMO Poplar Bluff, etc.

Table for NOU 10 08:33:08.7, 22:58'S-178:94W, h540km, mb4.3/11, South of Fiji Islands, South of Fiji Islands. Includes stations like LKBA Tubou, Lakemba, MSVF Nonnavu, etc.

Table for DDA 10 08:36:03.6, 37:27'N-38:62'E, h7km, 2km, ML2.3. Includes stations like URFA Urfia, SANL SANLIURFA_Merk, etc.

Table for KMA 10 08:40:50.0, 4.36774N-128:84E, h14km, 6km, Error ellipse: s-maj=3.3km s-min=1.6km az=42.0, South Korea. Includes stations like YOJB Youngju, KSADO Andong, etc.

Main table for 2015 NOV with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARXS Arharly, CHKK Chushkaly, KURS Kuram, etc.

Table for DJA 10 08:58:43.7, 0.1, 0'N-2°12'3E, h146km, 2km, M4.5/28, mb4.5/28, mb5.0/17, MLV4.7/22, Mw(mB)4.4/17, Mw/Mwp/4.1/1, Mwmp/6/1. Includes stations like NEIC 10 08:58:43.4, 1.7, 0.03S:0.07x123:27E:0.06, h140km, 5km, mb4.7/60, Error ellipse: s-maj=10.2km s-min=9.2km az=200.0.

Table for ISC 10 08:43.5, 0.4, 0.01S:0.04x123:28E:0.05, h146km, 3km, h147km, pp:P, n209, s133/238, mb4.7/92, 2C, Minahassa Peninsula, Sulawesi. Includes stations like GTOI Gorontalo, KWSI Cibinong, LUWI Luwuk, etc.

Table for 10d 8h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI 9.5nm, 0.3s, baz=299, slow=4.5, SNR=6.4, KMMI Kailanget, STKI Sintang, LQP Lukuban, etc.

plane solution: $M_2:15000 \times 10^{15}$ $NP1:162.46000^\circ$,
 559.74000° , $1.54.03000^\circ$, $NP2:3937.69000^\circ$, 645.65000° ,
 $1.135.19000^\circ$. Principal axes: T: 1.9887, $Plg8.0000^\circ$,
 $Azm20.0000^\circ$; N: 0.2936, $Plg30.0000^\circ$, $Azm183.0000^\circ$; P:
 -2.2824 , $Plg8.0000^\circ$, $Azm277.0000^\circ$.
 IDC 10 11:43:48.1±1.0, 29.545:71.97W, $h0km$, $mb3.9/5$,
 $mb1.4/1.9$, $mb1mx3.9/30$, $mbtmp3.9/9$, $ML3.7/4$, $MS3.1/5$,
 $Ms1.3/1.5$, $ms1mx3.0/19$ Error ellipse: $s-maj=34.0km$
 $s-min=20.2km$ $az=98.0$
 GUC 10 11:43:49.0±0.8, 29.595:72.15W, $h25km$, $14km$, $ML4.1$
 SJA 10 11:43:50.0, 29.315:72.14W, $h11km$, $ML4.4$,
 ISC 10 11:43:47.3±1.3, 29.565:0.4, 72.21W, $0.03h$, $h5km$, gkm ,
 $n82$, $\pm194/85$, $mb4.2/6$, $4C$, Off coast of central Chile

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
CO05	La Serena	0.92	113	Op	14 44 05.7	+0.7
CO05				IS	14 44 17.3	+0.3
CO05				Sg	14 44 19.7	
CO05	comp=E, 6um, 0.4s			IAML		
CO05	La Serena	0.92	113	Pg	14 44 05.6	+0.6
CO05				Sg	14 44 17.0	+0.1
CO06	Fray Jorge	1.22	156	eP	14 44 10.6	+0.5
CO06				iS	14 44 25.3	-1.7
CO06	Fray Jorge	1.22	156	Pn	14 44 10.3	
GO04	Tololo Observa	1.37	117	iP	14 44 13.1	-0.3
GO04				iS	14 44 30.1	-1.5
GO04				IAML	14 44 40.3	
GO04	comp=N, 1.1um, 0.5s					
GO04	Tololo Observa	1.37	117	Pn	14 44 13.1	-0.3
GO04	Tololo Observa	1.37	117	iP	14 44 13.0	-0.3
LCO	Las Campanas	1.43	68	Pn	14 44 13.5	-0.6
LCO	Las Campanas	1.43	68	Pn	14 44 13.0	-0.6
AC04	Llanos de Chal	1.68	37	eS	14 44 15.9	-1.4
AC04	Llanos de Chal	1.68	37	iP	14 44 15.9	-1.4
AC04	Llanos de Chal	1.68	37	iP	14 44 16.0	-1.3
CO03	El Pedregal	1.84	135	Pn	14 44 20.1	+0.4
AR00	Rodeo	2.46	105	iP	14 44 29.8	+0.5
GO03	Copiap	2.62	42	eP	14 45 18.6	
GO03				IAML		
GO03	comp=N, 682nm, 0.7s					
GO03	Copiap	2.62	42	Pn	14 44 29.6	-0.7
GO03	Copiap	2.62	42	iP	14 44 30.0	-0.3
ACCO	Cerro Coronel	2.92	111	iP	14 44 38.0	-2.0
VA06	Catapiplco	3.10	166	eS	14 44 37.5	+0.6
VA06				eS	14 45 12.3	-2.0
VA06				IAML	14 45 35.3	
VA06	comp=E, 1um, 0.9s					
RTLS	Leontico	3.36	132	iP	14 44 45.0	-2.6
VA03	San Esteban	3.50	156	eP	14 44 45.2	+2.8
VA03				eS	14 45 23.1	-1.3
VA03				IAML	14 45 49.6	
VA03	comp=E, 929nm, 0.5s					
VA03	San Esteban	3.50	156	Pn	14 44 44.6	+2.1
VA03	San Esteban	3.50	156	iP	14 44 46.0	+3.5
ROCH	El Roble	3.56	164	eP	14 44 44.1	+0.7
ROCH				eS	14 45 25.0	-1.0
ROCH				IAML	14 45 53.4	
ROCH	comp=N, 262nm, 0.4s					
AUSP	Uspallata	3.60	138	iP	14 44 48.0	+3.9
MT02	Curacav	3.80	166	eP	14 44 47.0	+0.4
MT02	Curacav	3.80	166	Pn	14 44 47.6	+1.0
PEL	Pedehue	3.81	160	Pn	14 44 47.0	+0.3
PEL	Pedehue	3.81	160	iP	14 45 13.0	+2.0
ASAL	Salagasta	4.19	137	iP	14 44 56.0	+4.0
AVFE	Valle Fertil	4.26	106	iP	14 44 56.0	+3.0
MT09	Talagante	4.33	166	eP	14 44 55.2	+1.2
MT09	Talagante	4.33	166	Pn	14 44 55.4	+1.4
MT01	Popeta	4.37	169	Pn	14 44 54.4	0.0
MT01	Popeta	4.37	169	iP	14 45 01.0	+4.6
AC11	CERRRO LA CRUZ	4.59	90	iP	14 45 00.0	+2.5
LMEL	Las Melosas	4.61	159	eP	14 44 59.8	+2.0
BO04	La Punta	4.63	163	eP	14 44 59.4	+1.5
BO01	Tunca	4.92	169	iP	14 45 03.8	+1.9
BO01	Tunca	4.92	169	Pn	14 45 06.0	+1.1
APLL	PUNTA DE LOS L	5.00	101	iP	14 45 07.0	+3.9
PB14	IPOC Station P	5.17	19	Pn	14 45 02.9	-2.7
BO02	Sierra Bellavi	5.36	167	Pn	14 45 09.2	+1.2
GO05	Huala	5.44	178	Pn	14 45 08.6	-0.5
PB10	IPOC Station P	6.20	14	Pn	14 45 16.9	-2.6
PB10	IPOC Station P	6.20	14	iP	14 45 18.0	-1.5
PB15	IPOC Station P	6.78	22	Pn	14 45 25.4	-2.3
PB15	IPOC Station P	6.78	22	iP	14 45 27.0	-0.7
H03N1	Juan Fernandez	6.91	234	T	11 53 24.3	
PB05	IPOC Station P	7.22	20	Pn	14 45 27.0	-2.5
H03N2	Juan Fernandez	6.92	234	T	11 53 23.7	
H03N3	Juan Fernandez	6.92	234	T	11 53 27.8	
PB06	IPOC Station P	7.42	20	Pn	14 45 31.0	-2.7
PB04	IPOC Station P	7.43	15	Pn	14 45 33.5	-3.1
LVC	Limon Verde	7.53	24	Pn	14 45 36.1	-1.9
LVC				LR	14 47 45.7	
LVC	comp=N, 42nm, 21.5s, baz=212, slow=32			Lg	14 47 45.9	
LVC	comp=N, 3.6nm, 0.3s, baz=301, slow=12, SNR=6.5			Lg		
LVC	Limon Verde	7.53	24	Pn	14 45 35.9	-2.2
PB07	IPOC Station P	8.07	16	Pn	14 45 42.1	-3.3
PB01	IPOC Station P	8.33	80	Pn	14 45 42.0	-1.7
TA01	Diego Aracena	9.14	12	Pn	14 45 56.5	-3.4
LC01	Cunco	9.32	178	Pn	14 46 03.4	+1.0
PB11	IPOC Station P	10.02	14	Pn	14 46 09.0	-3.2
PSGCX	Pisagua	10.10	11	Pn	14 46 10.2	-2.9
PLCA	Paso Flores	11.23	174	Pn	14 46 29.0	+0.4
PLCA	comp=N, 0.1nm, 0.3s, baz=134, slow=16, SNR=3.7			LR		
PLCA	comp=N, 162nm, 20.7s, baz=352, slow=38			LR		
PLCA	Paso Flores	11.23	174	Pn	14 46 30.2	+1.6
CPUP	Villa Florida	13.54	80	LR	11 52 21.2	
CPUP	comp=N, 114nm, 19.7s, baz=224, slow=38			LR		
ITQB	Itaiqui	13.56	94	Pn	14 46 59.4	-1.0
LPAZ	La Paz	13.73	17	Pn	14 47 03.9	-0.7
LPAZ	comp=N, 0.1nm, 0.3s, baz=181, slow=7.9, SNR=9.0			LR	11 53 17.7	
SIV	San Ignacio	16.95	40	Pn	14 47 44.5	-0.8
SIV	comp=N, 0.7nm, 0.3s, baz=222, slow=11, SNR=19			LR	11 54 52.2	
BDFB	Brasilia	26.21	63	P	11 49 22.2	-1.1
BDFB	comp=N, 3.7nm, 0.6s, baz=230, slow=8.9, SNR=5.2					
VNA3	Neumayer Olymp	53.53	159	P	11 53 03.4	-5.2
VNA3	Neumayer-Stat	53.83	158	P	11 53 09.9	-4.8
VNA2	Neumayer-Watz	54.17	158	P	11 53 09.4	-2.0
SNA4	Sanae	55.76	159	P	11 53 25.7	+1.0
SNA4	Sanae	55.76	159	P	11 53 25.5	+0.7
SNA4	comp=N, 1.2nm, 0.8s, baz=282, slow=8.2, SNR=5.2					
SNA4	Sanae	55.76	159	Iamb	11 53 54.2	
SNA4	Sanae	55.76	159	Iamb	11 53 54.2	
QSPA	South Pole Qui	60.67	180	P	11 54 01.9	+2.6
QSPA	comp=Z, 7.8nm, 1.5s			Iamb	11 54 07.9	
TXAR	Lajitas Array	65.81	330	P	11 54 34.4	+0.7
PDAR	Pinedale Array	79.74	333	P	11 55 59.2	+2.8
PDAR	comp=Z, 0.3nm, 0.7s, baz=156, slow=4.5, SNR=2.0					
LORD	Torod Ar	82.86	71	P	11 56 14.4	+1.1
ZALV	Zalesovo Beam	150.46	28	PKP	12 03 35.9	+1.6
ZALV	comp=Z, 0.8nm, 0.6s, baz=258, slow=4.4, SNR=4.1			PKP		
ZALV	comp=Z, 0.8nm, 0.6s, baz=258, slow=4.4, SNR=4.1			PKP		
ZALV	comp=Z, 0.8nm, 0.6s, baz=258, slow=4.4, SNR=4.1			PKP		
MKAR	Makanchi Array	153.76	42	PKP	12 03 48.8	+1.4
MKAR	comp=Z, 1.0nm, 0.8s, baz=336, slow=2.7, SNR=3.7					

ISC 10 12:02:58.7±0.6, 8.39S; 0.05:125.18E; 0.08, h24km, n40, $\pm150/33$, $mb4.4/8$, $h0km$, $mb4.1/4$, Error ellipse: $s-maj=13.7km$, $s-min=159.2km$ $az=74.0$, Tonga Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
SOEI	Soe	1.62	213	Op	12 03 28.2	+0.2
SOEI				IS	12 03 27.5	+1.6
BATI	Baumata	2.34	220	Pn	12 03 39.1	-1.1
BATI	15nm, 0.3s, baz=137, slow=3.0, SNR=18			Sn		
BATI	15nm, 0.3s, baz=120, slow=2.3, SNR=11			Sb	12 04 08.8	+0.1
BATI	comp=Z, 508nm, 18.9s, baz=137, slow=48			LR	12 05 03.7	
BATI	Baumata	2.34	220	Pn	12 03 35.5	-0.2
BATI				Pg	12 03 41.0	+0.8
MMRI	Maumere	2.92	265	Pn	12 03 42.8	-0.8
MMRI	Maumere	2.92	265	Pn	12 03 45.1	+1.6
EDFI	Ende Flores	3.45	251	Pn	12 03 49.7	-1.5
BSSI	Bau Bau, Buton	5.16	295	Pn	12 04 13.4	-1.0
SANI	Sanana	6.35	7	Pn	12 04 30.8	-0.1
SANI	0.1nm, 0.3s, baz=11nm, 0.7s			S		
PLAI	Plampang	7.33	266	P	12 04 43.0	-1.3
PLAI	0.1nm, 0.3s, baz=145, slow=2.2, SNR=6.5					
AFSI	Ampana	8.22	335	P	12 04 55.4	-1.1
AFSI	18nm, 0.9s					
FAKI	Fak Fak	8.89	53	Pn	12 05 06.7	+0.9
FAKI	9.8nm, 1.6s					
FAKI	Fak Fak	8.89	53	Pn	12 05 02.2	-3.6
KMSI	Cibinong	9.93	39	Pn	12 05 06.2	-0.9
SJJI	Sorong	9.63	39	LR	12 05 49.5	
SJJI	comp=Z, 26nm, 19.6s, baz=5.0, slow=11, SNR=4.7					
FITZ	Fitzroy Crossi	9.66	177	Pn	12 05 16.8	+0.6
FITZ	0.8nm, 0.3s, baz=5.0, slow=11, SNR=4.7					
FITZ				Sn	12 07 01.2	-2.8
TOL2	Tolitoli	10.41	335	Pn	12 05 26.5	+0.1
WRB	Warramunga Arr	14.40	143	Pn	12 06 05.6	-1.1
WRAB	Tennant Creek	14.51	143	Pn	12 06 20.6	-2.0
WRA	Warramunga Arr	14.51	143	Pn	12 06 20.0	-2.7
WRA	0.5nm, 0.3s, baz=317, slow=13, SNR=38					
WRA				Sn	12 08 55.6	-7.2
WRA	0.2nm, 0.3s, baz=283, slow=16, SNR=9.5	</				

10d 13h

Table with columns: MYKA, KBA, KBA, OBKA, OBKA, SOKA, SOKA. Includes station names, codes, and coordinates.

IASPEI 10:13:36.45.4.1.3.35.99N.0.03.96.81W.0.03.h7km.8km, Error ellipse: s-maj=4.2km s-min=3.4km az=131.9, 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

TUL 10:13:36.45.6.0.6.35.98N.0.02.96.81W.0.04.h4km.7km, ML3.6, mb_Lg3.6/11(NEIC), Mw3.3/5(SLM), Error ellipse: s-maj=5.1km s-min=2.0km az=105.0

ANF 10:13:36.45.5.0.5.35.98N.96.81W.h0km.3km, ML4.2/15, Error ellipse: s-maj=2.3km s-min=1.6km az=8.0

NEIC 10:13:36.45.6.36.00N.96.82W.h3km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr0.00; Msh 1.12; Msh 1.12; Msh 0.00; Msh -0.64; Msh 0.00; Fault plane solution: M1 2.9000e+10^14 NPT1.9e+30.00000, 3.90.00000, 1.0.00000, NP2.2e+24.00000, 3.90.00000, 1.180.00000, Principal axes: T 1.2920, P1g0.0000, Azm15.0000, N 0.0000, P1g90.0000, Azm0.0000, P -1.2920, P1g0.0000, Azm105.0000

NEIC 10:13:36.45.6.0.6.35.99N.0.02.96.81W.0.04.h5km.7km, Error ellipse: s-maj=5.3km s-min=2.1km az=102.0

ISC 10:13:36.45.9.1.0.36.00N.0.02.96.83W.0.02.h2km.8km, n139, o098/126, Oklahoma

Main table for 10d 13h section, listing station names, codes, and coordinates for Oklahoma stations.

2015 NOV

Main table for 2015 NOV section, listing station names, codes, and coordinates for various stations.

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Table with columns: SFIN, I40A, K43A, RSSD, F33A, I42A. Includes station names, codes, and coordinates.

IDC 10:13:42:56.7.2.0.0.24N.124.82E.h0km.mb3.3/3, mb1 3.5/2, mb1mx3.4/4, mbtmp3.4/3, Error ellipse: s-maj=190.9km s-min=27.5km az=64.0, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes WARR, WRA, ASAR, MKAR.

IDC 10:13:48:40.1.8.5.15.35S.171.36W.h0km.mb3.2/2, mb1 3.5/2, mb1mx3.4/4, mbtmp3.4/3, Error ellipse: s-maj=451.8km s-min=56.0km az=143.0, Samoa Islands region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes WRA, ASAR, GERES.

IDC 10:13:49:24.6.8.1.19.68S.168.97E.h163km.45km, mb3.8/3, mb1 4.0/3, mb1mx3.3/3, mbtmp4.3/3, Error ellipse: s-maj=110.2km s-min=72.2km az=121.0, Vanuatu Islands

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes DZM, STKA, WRA, ASAR.

TUL 10:13:49:25.1.0.7.36.95N.0.02.97.82W.0.03.h3km.7km, ML2.8, mb_Lg2.4/14(NEIC), Error ellipse: s-maj=3.0km s-min=2.3km az=111.0

NEIC 10:13:49:25.4.0.9.36.93N.0.02.97.80W.0.03.h6km.6km, Error ellipse: s-maj=3.1km s-min=2.5km az=114.0, Oklahoma

Main table for IDC section, listing station names, codes, and coordinates for various stations.

THE 10:13:57:28.6.38.40N.20.47E.h14km.1km, ML2.3/2, Error ellipse: s-maj=1.3km s-min=0.3km az=141.0, Greece

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes FSK, KEF, DMLN, KEF3, VLS, EVGI, PSDA, DRAG, NYDR, LK2D.

ATH 10:13:57:31.9.38.29N.22.50E.h16km.3km, ML1.6/6, Error ellipse: s-maj=4.0km s-min=1.3km az=253.0, Greece

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes FSK, KEF, DMLN, KEF3, VLS, EVGI, PSDA, DRAG, NYDR, LK2D.

Table with columns: PMOR, PPT, PPT2, TUE, NRCA, TBI, ESDC, TORD. Rows include Pomario Rio, Papeete, Papeete2, Stuetta, Norcia, Tubuai, Sonseca Array, Torodi Ar. Bea.

IDC 10 14:19:42.9-0.5, 32.666S-178.33W, h0km, mb4.5/11, mb1.4/7.13, mb1mx4.5/24, mbtmp4.5/13, ML4.5/21, MS4.1/20, Ms1.4/1.20, ms1mx3.9/37, Error ellipse: s-maj=52.1km, s-min=17.2km az=90.0

NOU 10 14:19:42.5, 33.18S-177.38W, h39km, mb4.9/11, South of Kermadec Islands

WEL 10 14:19:44.5-0.7, 33.5S-177.8W, h1.3, h33km, M4.9/23, mb5.3/19, ML5.5/23, MLV5.2/3, Mw(mb)4.8/19, Error ellipse: s-maj=0.0km s-min=0.0km az=108.9

NEIC 10 14:19:45.1-2.2, 32.81S-0.10-178.4W, 0.2, h10km, 1km, mb4.9/22, Error ellipse: s-maj=26.6km s-min=16.5km az=80.0

GCMT 10 14:19:50.1-0.4, 32.90S-0.04-178.04W, 0.03, h21km, 1km, MW4.9/62, Moment Tensor Solution. s27.c33; s62.c87; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.9-0.15; Mw-0.18; 10; Mw-0.18; 10; Mw-0.18; 10; Mw-0.30; 0.5; Mw-1.78; 17; Best double couple: M6.21800e10^16 NP1: 194.00000, 824.00000, 9.97.00000. NP2: 0.6, 0.00000, 866.00000, 187.00000. Principal axes: T 2.6860, P1g68.0000, Azm7.0000; N -0.1420, P1g3.0000, Azm7.0000; P -2.5500, P1g21.0000. Azm99.0000; nstia1 refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 14:19:47.3-0.4, 32.875S-0.05-178.17W, 0.07, h34km, n188, e1998/193, mb4.9/22, MS4.2/23, 1C, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC h m s, ISC h m s. Includes stations like GLKZ, RAO, RAO2, RAO3, RAO4, RAO5, RAO6, RAO7, RAO8, RAO9, RAO10, RAO11, RAO12, RAO13, RAO14, RAO15, RAO16, RAO17, RAO18, RAO19, RAO20, RAO21, RAO22, RAO23, RAO24, RAO25, RAO26, RAO27, RAO28, RAO29, RAO30, RAO31, RAO32, RAO33, RAO34, RAO35, RAO36, RAO37, RAO38, RAO39, RAO40, RAO41, RAO42, RAO43, RAO44, RAO45, RAO46, RAO47, RAO48, RAO49, RAO50, RAO51, RAO52, RAO53, RAO54, RAO55, RAO56, RAO57, RAO58, RAO59, RAO60, RAO61, RAO62, RAO63, RAO64, RAO65, RAO66, RAO67, RAO68, RAO69, RAO70, RAO71, RAO72, RAO73, RAO74, RAO75, RAO76, RAO77, RAO78, RAO79, RAO80, RAO81, RAO82, RAO83, RAO84, RAO85, RAO86, RAO87, RAO88, RAO89, RAO90, RAO91, RAO92, RAO93, RAO94, RAO95, RAO96, RAO97, RAO98, RAO99, RAO100, RAO101, RAO102, RAO103, RAO104, RAO105, RAO106, RAO107, RAO108, RAO109, RAO110, RAO111, RAO112, RAO113, RAO114, RAO115, RAO116, RAO117, RAO118, RAO119, RAO120, RAO121, RAO122, RAO123, RAO124, RAO125, RAO126, RAO127, RAO128, RAO129, RAO130, RAO131, RAO132, RAO133, RAO134, RAO135, RAO136, RAO137, RAO138, RAO139, RAO140, RAO141, RAO142, RAO143, RAO144, RAO145, RAO146, RAO147, RAO148, RAO149, RAO150, RAO151, RAO152, RAO153, RAO154, RAO155, RAO156, RAO157, RAO158, RAO159, RAO160, RAO161, RAO162, RAO163, RAO164, RAO165, RAO166, RAO167, RAO168, RAO169, RAO170, RAO171, RAO172, RAO173, RAO174, RAO175, RAO176, RAO177, RAO178, RAO179, RAO180, RAO181, RAO182, RAO183, RAO184, RAO185, RAO186, RAO187, RAO188, RAO189, RAO190, RAO191, RAO192, RAO193, RAO194, RAO195, RAO196, RAO197, RAO198, RAO199, RAO200, RAO201, RAO202, RAO203, RAO204, RAO205, RAO206, RAO207, RAO208, RAO209, RAO210, RAO211, RAO212, RAO213, RAO214, RAO215, RAO216, RAO217, RAO218, RAO219, RAO220, RAO221, RAO222, RAO223, RAO224, RAO225, RAO226, RAO227, RAO228, RAO229, RAO230, RAO231, RAO232, RAO233, RAO234, RAO235, RAO236, RAO237, RAO238, RAO239, RAO240, RAO241, RAO242, RAO243, RAO244, RAO245, RAO246, RAO247, RAO248, RAO249, RAO250, RAO251, RAO252, RAO253, RAO254, RAO255, RAO256, RAO257, RAO258, RAO259, RAO260, RAO261, RAO262, RAO263, RAO264, RAO265, RAO266, RAO267, RAO268, RAO269, RAO270, RAO271, RAO272, RAO273, RAO274, RAO275, RAO276, RAO277, RAO278, RAO279, RAO280, RAO281, RAO282, RAO283, RAO284, RAO285, RAO286, RAO287, RAO288, RAO289, RAO290, RAO291, RAO292, RAO293, RAO294, RAO295, RAO296, RAO297, RAO298, RAO299, RAO300, RAO301, RAO302, RAO303, RAO304, RAO305, RAO306, RAO307, RAO308, RAO309, RAO310, RAO311, RAO312, RAO313, RAO314, RAO315, RAO316, RAO317, RAO318, RAO319, RAO320, RAO321, RAO322, RAO323, RAO324, RAO325, RAO326, RAO327, RAO328, RAO329, RAO330, RAO331, RAO332, RAO333, RAO334, RAO335, RAO336, RAO337, RAO338, RAO339, RAO340, RAO341, RAO342, RAO343, RAO344, RAO345, RAO346, RAO347, RAO348, RAO349, RAO350, RAO351, RAO352, RAO353, RAO354, RAO355, RAO356, RAO357, RAO358, RAO359, RAO360, RAO361, RAO362, RAO363, RAO364, RAO365, RAO366, RAO367, RAO368, RAO369, RAO370, RAO371, RAO372, RAO373, RAO374, RAO375, RAO376, RAO377, RAO378, RAO379, RAO380, RAO381, RAO382, RAO383, RAO384, RAO385, RAO386, RAO387, RAO388, RAO389, RAO390, RAO391, RAO392, RAO393, RAO394, RAO395, RAO396, RAO397, RAO398, RAO399, RAO400, RAO401, RAO402, RAO403, RAO404, RAO405, RAO406, RAO407, RAO408, RAO409, RAO410, RAO411, RAO412, RAO413, RAO414, RAO415, RAO416, RAO417, RAO418, RAO419, RAO420, RAO421, RAO422, RAO423, RAO424, RAO425, RAO426, RAO427, RAO428, RAO429, RAO430, RAO431, RAO432, RAO433, RAO434, RAO435, RAO436, RAO437, RAO438, RAO439, RAO440, RAO441, RAO442, RAO443, RAO444, RAO445, RAO446, RAO447, RAO448, RAO449, RAO450, RAO451, RAO452, RAO453, RAO454, RAO455, RAO456, RAO457, RAO458, RAO459, RAO460, RAO461, RAO462, RAO463, RAO464, RAO465, RAO466, RAO467, RAO468, RAO469, RAO470, RAO471, RAO472, RAO473, RAO474, RAO475, RAO476, RAO477, RAO478, RAO479, RAO480, RAO481, RAO482, RAO483, RAO484, RAO485, RAO486, RAO487, RAO488, RAO489, RAO490, RAO491, RAO492, RAO493, RAO494, RAO495, RAO496, RAO497, RAO498, RAO499, RAO500, RAO501, RAO502, RAO503, RAO504, RAO505, RAO506, RAO507, RAO508, RAO509, RAO510, RAO511, RAO512, RAO513, RAO514, RAO515, RAO516, RAO517, RAO518, RAO519, RAO520, RAO521, RAO522, RAO523, RAO524, RAO525, RAO526, RAO527, RAO528, RAO529, RAO530, RAO531, RAO532, RAO533, RAO534, RAO535, RAO536, RAO537, RAO538, RAO539, RAO540, RAO541, RAO542, RAO543, RAO544, RAO545, RAO546, RAO547, RAO548, RAO549, RAO550, RAO551, RAO552, RAO553, RAO554, RAO555, RAO556, RAO557, RAO558, RAO559, RAO560, RAO561, RAO562, RAO563, RAO564, RAO565, RAO566, RAO567, RAO568, RAO569, RAO570, RAO571, RAO572, RAO573, RAO574, RAO575, RAO576, RAO577, RAO578, RAO579, RAO580, RAO581, RAO582, RAO583, RAO584, RAO585, RAO586, RAO587, RAO588, RAO589, RAO590, RAO591, RAO592, RAO593, RAO594, RAO595, RAO596, RAO597, RAO598, RAO599, RAO600, RAO601, RAO602, RAO603, RAO604, RAO605, RAO606, RAO607, RAO608, RAO609, RAO610, RAO611, RAO612, RAO613, RAO614, RAO615, RAO616, RAO617, RAO618, RAO619, RAO620, RAO621, RAO622, RAO623, RAO624, RAO625, RAO626, RAO627, RAO628, RAO629, RAO630, RAO631, RAO632, RAO633, RAO634, RAO635, RAO636, RAO637, RAO638, RAO639, RAO640, RAO641, RAO642, RAO643, RAO644, RAO645, RAO646, RAO647, RAO648, RAO649, RAO650, RAO651, RAO652, RAO653, RAO654, RAO655, RAO656, RAO657, RAO658, RAO659, RAO660, RAO661, RAO662, RAO663, RAO664, RAO665, RAO666, RAO667, RAO668, RAO669, RAO670, RAO671, RAO672, RAO673, RAO674, RAO675, RAO676, RAO677, RAO678, RAO679, RAO680, RAO681, RAO682, RAO683, RAO684, RAO685, RAO686, RAO687, RAO688, RAO689, RAO690, RAO691, RAO692, RAO693, RAO694, RAO695, RAO696, RAO697, RAO698, RAO699, RAO700, RAO701, RAO702, RAO703, RAO704, RAO705, RAO706, RAO707, RAO708, RAO709, RAO710, RAO711, RAO712, RAO713, RAO714, RAO715, RAO716, RAO717, RAO718, RAO719, RAO720, RAO721, RAO722, RAO723, RAO724, RAO725, RAO726, RAO727, RAO728, RAO729, RAO730, RAO731, RAO732, RAO733, RAO734, RAO735, RAO736, RAO737, RAO738, RAO739, RAO740, RAO741, RAO742, RAO743, RAO744, RAO745, RAO746, RAO747, RAO748, RAO749, RAO750, RAO751, RAO752, RAO753, RAO754, RAO755, RAO756, RAO757, RAO758, RAO759, RAO760, RAO761, RAO762, RAO763, RAO764, RAO765, RAO766, RAO767, RAO768, RAO769, RAO770, RAO771, RAO772, RAO773, RAO774, RAO775, RAO776, RAO777, RAO778, RAO779, RAO780, RAO781, RAO782, RAO783, RAO784, RAO785, RAO786, RAO787, RAO788, RAO789, RAO790, RAO791, RAO792, RAO793, RAO794, RAO795, RAO796, RAO797, RAO798, RAO799, RAO800, RAO801, RAO802, RAO803, RAO804, RAO805, RAO806, RAO807, RAO808, RAO809, RAO810, RAO811, RAO812, RAO813, RAO814, RAO815, RAO816, RAO817, RAO818, RAO819, RAO820, RAO821, RAO822, RAO823, RAO824, RAO825, RAO826, RAO827, RAO828, RAO829, RAO830, RAO831, RAO832, RAO833, RAO834, RAO835, RAO836, RAO837, RAO838, RAO839, RAO840, RAO841, RAO842, RAO843, RAO844, RAO845, RAO846, RAO847, RAO848, RAO849, RAO850, RAO851, RAO852, RAO853, RAO854, RAO855, RAO856, RAO857, RAO858, RAO859, RAO860, RAO861, RAO862, RAO863, RAO864, RAO865, RAO866, RAO867, RAO868, RAO869, RAO870, RAO871, RAO872, RAO873, RAO874, RAO875, RAO876, RAO877, RAO878, RAO879, RAO880, RAO881, RAO882, RAO883, RAO884, RAO885, RAO886, RAO887, RAO888, RAO889, RAO890, RAO891, RAO892, RAO893, RAO894, RAO895, RAO896, RAO897, RAO898, RAO899, RAO900, RAO901, RAO902, RAO903, RAO904, RAO905, RAO906, RAO907, RAO908, RAO909, RAO910, RAO911, RAO912, RAO913, RAO914, RAO915, RAO916, RAO917, RAO918, RAO919, RAO920, RAO921, RAO922, RAO923, RAO924, RAO925, RAO926, RAO927, RAO928, RAO929, RAO930, RAO931, RAO932, RAO933, RAO934, RAO935, RAO936, RAO937, RAO938, RAO939, RAO940, RAO941, RAO942, RAO943, RAO944, RAO945, RAO946, RAO947, RAO948, RAO949, RAO950, RAO951, RAO952, RAO953, RAO954, RAO955, RAO956, RAO957, RAO958, RAO959, RAO960, RAO961, RAO962, RAO963, RAO964, RAO965, RAO966, RAO967, RAO968, RAO969, RAO970, RAO971, RAO972, RAO973, RAO974, RAO975, RAO976, RAO977, RAO978, RAO979, RAO980, RAO981, RAO982, RAO983, RAO984, RAO985, RAO986, RAO987, RAO988, RAO989, RAO990, RAO991, RAO992, RAO993, RAO994, RAO995, RAO996, RAO997, RAO998, RAO999, RAO1000, RAO1001, RAO1002, RAO1003, RAO1004, RAO1005, RAO1006, RAO1007, RAO1008, RAO1009, RAO1010, RAO1011, RAO1012, RAO1013, RAO1014, RAO1015, RAO1016, RAO1017, RAO1018, RAO1019, RAO1020, RAO1021, RAO1022, RAO1023, RAO1024, RAO1025, RAO1026, RAO1027, RAO1028, RAO1029, RAO1030, RAO1031, RAO1032, RAO1033, RAO1034, RAO1035, RAO1036, RAO1037, RAO1038, RAO1039, RAO1040, RAO1041, RAO1042, RAO1043, RAO1044, RAO1045, RAO1046, RAO1047, RAO1048, RAO1049, RAO1050, RAO1051, RAO1052, RAO1053, RAO1054, RAO1055, RAO1056, RAO1057, RAO1058, RAO1059, RAO1060, RAO1061, RAO1062, RAO1063, RAO1064, RAO1065, RAO1066, RAO1067, RAO1068, RAO1069, RAO1070, RAO1071, RAO1072, RAO1073, RAO1074, RAO1075, RAO1076, RAO1077, RAO1078, RAO1079, RAO1080, RAO1081, RAO1082, RAO1083, RAO1084, RAO1085, RAO1086, RAO1087, RAO1088, RAO1089, RAO1090, RAO1091, RAO1092, RAO1093, RAO1094, RAO1095, RAO1096, RAO1097, RAO1098, RAO1099, RAO1100, RAO1101, RAO1102, RAO1103, RAO1104, RAO1105, RAO1106, RAO1107, RAO1108, RAO1109, RAO1110, RAO1111, RAO1112, RAO1113, RAO1114, RAO1115, RAO1116, RAO1117, RAO1118, RAO1119, 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MS3.6/13, Ms1 3.6/13, ms1mx3.3/52, Error ellipse:
s-maj=24.5km s-min=12.9km az=68.0
ISC 10 14:53:13.0, 0.8, 2475N, 0.02, 122.34E, 0.02, h19km, s3km,
n216, s1920/262, mb4.3/25, MS3.6/12, 17C-2D, Taiwan
region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
TWB1	Santiao Chiao	0.41	310	↑P	Pg	14 53 20.1	-1.4
TWB1	Santiao Chiao			iS	Sg	14 53 25.1	-2.2
TWC	Suao	0.46	253	↑P	Pg	14 53 21.2	-1.3
TWC	Suao			eS	Sg	14 53 26.7	-2.2
NTC	Toucheng	0.47	283	P	Pg	14 53 21.6	-1.0
NTC	Toucheng			eS	Sg	14 53 28.0	-1.1
TIPB	Shuangxi	0.52	296	↑P	Pb	14 53 22.5	-1.0
TIPB	Shuangxi			S	Sg	14 53 28.9	-1.6
ILA	Ilan	0.54	272	eP	Pb	14 53 22.5	-1.2
ILA	Ilan			Sg	Sg	14 53 30.9	-0.2
NDS	Dongshan	0.57	259	↑P	Pb	14 53 23.4	-1.0
NDS	Dongshan			eS	Sg	14 53 31.3	-1.0
EWUT	Wuta	0.59	240	↑P	Pg	14 53 23.8	-0.9
EWUT	Wuta			eS	Sg	14 53 31.6	-1.1
NWF	Wu-fen Shan	0.60	303	↑P	Pb	14 53 24.1	-0.7
NWF	Wu-fen Shan			Sg	Sg	14 53 32.5	-0.6
WFSB	Wu-fen Shan	0.60	303	↑P	Pg	14 53 24.1	-0.8
WFSB	Wu-fen Shan			S	Sb	14 53 31.6	-1.2
TWE	Neicheng	0.61	268	↑P	Pb	14 53 23.8	-1.1
TWE	Neicheng			eS	Sg	14 53 32.7	-0.7
JYNG	Yongunijimaku	0.63	118	P	Pg	14 53 25.0	-0.5
JYNG	Yongunijimaku			Sg	Sg	14 53 33.9	0.0
ENA	Nanau	0.63	240	P	Pb	14 53 24.4	-0.9
ENA	Nanau			eS	Sb	14 53 32.7	-0.9
YOJ	Yonguniji jima	0.68	115	↑P	Pb	14 53 26.1	-1.4
YOJ	Yonguniji jima			Sn	Sn	14 53 35.8	-1.7
YOJ	Yonguniji jima	0.68	115	P	Pn	14 53 26.0	-1.5
YOJ	Yonguniji jima			Sg	Sg	14 53 35.2	-0.2
YOJ	Yonguniji jima	0.68	115	P	Pg	14 53 25.8	-0.5
YOJ	Yonguniji jima			Sg	Sg	14 53 34.4	-1.0
EHP	Heping Village	0.69	232	eP	Pn	14 53 26.4	-1.4
EHP	Heping Village			eS	Sg	14 53 35.9	-0.1
ENTT	Nioudou	0.71	262	eP	Pb	14 53 25.6	-1.1
ENTT	Nioudou			S	Sg	14 53 35.9	-0.6
TWA	Mucha	0.72	289	eP	Pg	14 53 26.4	-0.8
TWA	Mucha			iS	Sg	14 53 36.7	-0.2
NHY	Taipei	0.76	293	eP	Pb	14 53 26.6	-0.9
NWLT	Wulai	0.76	273	eP	Pg	14 53 26.9	-1.0
NWLT	Wulai			eS	Sb	14 53 36.3	-1.2
NDT	Datong Townshi	0.76	259	eP	Pg	14 53 27.1	-0.9
NDT	Datong Townshi			eS	Sg	14 53 37.9	-0.3
NWRT	Kuosheng	0.77	307	eP	Pb	14 53 26.7	-1.0
NWRT	Kuosheng			S	Sb	14 53 37.2	-0.5
NHHD	Xindian Distri	0.77	287	eP	Pn	14 53 28.1	-0.7
NHHD	Xindian Distri			eS	Sg	14 53 38.1	-0.3
TAPI	Taipei	0.80	292	eP	Pg	14 53 27.7	-0.9
TAPI	Taipei			eS	Sn	14 53 39.3	-1.1
YM01	YM01	0.80	300	P	Pg	14 53 28.1	-0.6
YM01	YM01			S	Sb	14 53 38.3	-0.5
TATO	Taipei	0.80	287	↑P	Pg	14 53 28.5	-0.8
TATO	Taipei			Sn	Sn	14 53 38.5	-0.9
TATO	Taipei	0.80	287	P	Pn	14 53 28.2	-1.0
TAP	Taipei	0.81	291	eP	Pg	14 53 27.9	-0.9
TAP	Taipei			eS	Sg	14 53 38.9	-0.7
YM08	YM08	0.81	303	↑P	Pb	14 53 27.8	-0.7
YM08	YM08			S	Sb	14 53 37.4	-1.5
BACT	New Taipei Cit	0.85	287	eP	Pn	14 53 29.2	-0.7
BACT	New Taipei Cit			Pb	Pb	14 53 28.7	-0.7
NSM	Shimen	0.87	309	eP	Pb	14 53 28.7	-0.7
NSM	Shimen			eS	Sb	14 53 40.3	-0.4
ETL	Fush Village	0.87	228	eP	Pg	14 53 29.2	-0.9
ETL	Fush Village			eS	Sn	14 53 41.3	-1.2
NACB	Ninganchiao	0.88	230	↑P	Pg	14 53 29.1	-1.1
NACB	Ninganchiao			iS	Sg	14 53 41.0	-1.0
NACB	Ninganchiao	0.88	230	P	Pb	14 53 28.8	-0.9
NACB	Ninganchiao			Sg	Sb	14 53 40.1	-1.0
NSK	Sanguang	0.89	266	↑P	Pb	14 53 29.2	-0.6
NSK	Sanguang			Sb	Sb	14 53 40.8	-0.7
TWS1	Kuangyinshan	0.91	293	eP	Pn	14 53 29.7	-1.0
TWS1	Kuangyinshan			eS	Sg	14 53 41.8	-0.9
NTST	Danshui	0.91	298	eP	Pg	14 53 30.1	-0.6
PCYT	Penghaiyu	0.91	345	eP	Pb	14 53 28.9	-1.3
NNS	Nan Shan	0.93	251	↑P	Pb	14 53 29.6	-0.9
NNS	Nan Shan			eS	Sg	14 53 42.8	-0.7
ETLH	Xiulin Townshi	0.95	236	eP	Pn	14 53 30.3	-1.0
ETLH	Xiulin Townshi			S	Sg	14 53 43.1	-0.8
TWD	Chiawan	0.95	226	P	Pg	14 53 30.2	-1.0
TWD	Chiawan			S	Sn	14 53 43.8	-0.4
NTY	Taoyuan	0.98	285	eP	Pn	14 53 31.0	-0.7
HWA	Hwalien	1.01	221	eP	Pg	14 53 33.2	+0.5
NCU	National Centr	1.07	282	eP	Pg	14 53 33.1	-0.7
NCUH	Zhongli	1.07	282	eP	Pg	14 53 33.3	+0.5
ETM	Tongmen	1.09	225	eP	Pg	14 53 33.2	-1.0
ETM	Tongmen			eS	Sg	14 53 49.0	+0.4
TEYL	Yanliu Villag	1.10	218	eP	Pg	14 53 34.0	-0.4

TEYL	baz=196	eS	Sg	14 53 50.6	+1.7	
FUSS	baz=196 Fushou baz=240	1.11 244	P	Pg	14 53 33.7	-1.0
FUSS	baz=240	eS	Sg	14 53 49.2	-0.1	
NJD	Zhudong	1.14 270	eP	Pg	14 53 34.5	-0.5
WHF	Hehuan Shan	1.15 239	↑P	Pb	14 53 33.9	-0.5
WHF	Hehuan Shan		S	Sg	14 53 49.1	-1.3
TWT	Tachien	1.17 245	P	Sg	14 53 34.7	-0.9
TWT	Tachien		S	Sg	14 53 50.3	-0.6
TDCB	Techi	1.18 246	↑P	Pg	14 53 34.5	-1.4
TDCB	Techi		S	Sg	14 53 49.9	-1.5
HSN1	Hsinchu	1.20 272	eP	Pg	14 53 34.9	-1.3
LIOB	Emei	1.21 266	eP	Pg	14 53 35.4	-1.0
LIOB	Emei		eS	Sg	14 53 52.2	0.0
NSTT	Nanjuang	1.22 265	eP	Pg	14 53 35.4	-1.3
NSTT	Nanjuang		S	Sg	14 53 52.1	-0.5
SBCB	Hsinchu	1.23 272	eP	Pg	14 53 35.4	-1.4
SBCB	Hsinchu		eS	Sg	14 53 52.6	-0.3
ESL	Shilin	1.24 222	P	Pg	14 53 36.0	-1.0
ESL	Shilin		S	Sg	14 53 53.6	+0.3
HSN	Hsinchu	1.24 273	eP	Pg	14 53 36.0	-1.0
CHGB	Renai	1.26 237	↑P	Pg	14 53 36.4	-1.1
CHGB	Renai		iS	Sg	14 53 53.1	-0.9
TEGC	Jichi Village	1.26 215	eP	Pg	14 53 35.9	-1.5
OWD	Renai	1.32 234	P	Pg	14 53 37.6	-0.9
OWD	Renai		eS	Sg	14 53 54.2	-1.6
IRIF	Iriomote-Funau	1.33 108	P	Pn	14 53 35.2	-1.3
NJN	Zhunan	1.33 268	eP	Pb	14 53 36.9	-0.5
WHP	Taichung City	1.35 250	eP	Pg	14 53 38.1	-1.0
WHP	Taichung City		S	Sg	14 53 54.9	-1.8
EGFH	Guangfu	1.36 218	eP	Pg	14 53 38.0	-1.2
NMLH	Miaoili	1.42 262	eP	Pg	14 53 40.2	-0.3
WPL	Puli Township	1.45 240	eP	Pg	14 53 39.6	-1.5
WPL	Puli Township		eS	Sg	14 53 58.5	-1.6
DPDB	Guoxing	1.47 241	eP	Pg	14 53 39.9	-1.4
WCS	Beigang Elemen	1.47 242	eP	Pb	14 53 39.5	-0.1
NSY	Sanyi	1.47 257	eP	Pg	14 53 41.5	+0.1
TWQ1	Liyutan	1.48 255	eP	Pg	14 53 40.9	-0.6
TWQ1	Liyutan		eS	Sg	14 54 00.6	-0.2
HGSD	Ruisui	1.50 214	eP	Pb	14 53 39.6	-0.6
HATJ	Hateruma jima	1.50 117	P	Sn	14 53 38.7	-1.6
HATJ	Hateruma jima		eS	Sb	14 53 57.2	-0.8
EHY	Hungye	1.54 217	eP	Pb	14 53 39.7	-1.3
SMLT	Sun Moon Lake	1.57 237	↑P	Pg	14 53 41.8	-1.4
SSLB	Suanguang	1.58 233	↑P	Pg	14 53 41.8	-1.7
SSLB	Suanguang		eS	Sg	14 54 02.2	-1.9
SSLB	Suanguang	1.58 233	Pb	Pb	14 53 41.5	-0.1
TYC	Yuchr	1.59 238	eP	Pg	14 53 42.0	-1.6
TYC	Yuchr		eS	Sg	14 54 03.6	-0.7
WDJ	Dajia District	1.59 256	eP	Pg	14 53 43.0	-0.8
JKRS	Kuro-shima	1.60 108	P	Pn	14 53 39.6	-0.7
JKRS	Kuro-shima		S	Sn	14 54 00.1	-0.4
TCU	Taichung	1.63 249	eP	Pg	14 53 42.8	-1.5
ECBN	Changbin	1.64 210	eP	Pb	14 53 41.0	-1.6
YULB	Yu-li	1.65 215	eP	Pb	14 53 41.4	-1.3
YULB	Yu-li		Pb	Pb	14 53 40.9	-1.8
YULB	Wufeng	1.65 245	eP	Pg	14 53 43.8	-1.0
EYUL	Yuli	1.67 214	eP	Pb	14 53 42.2	-1.0
TWF1	Yuli	1.68 215	eP	Pb	14 53 42.0	-1.3
JJJ	Ishigaki jima	1.69 103	P	Pn	14 53 40.2	-1.2
WNT1	Nantou City	1.73 241	eP	Pg	14 53 45.4	-0.8
WJS	Zhunan	1.73 238	eP	Pg	14 53 45.1	-1.2
WNT	Mingjian	1.74 241	eP	Pg	14 53 45.5	-0.9
WCHI	Zhanghua	1.75 248	eP	Pb	14 53 43.9	-0.6
WYL	Yuanlin Townsh	1.78 244	eP	Pb	14 53 44.2	-0.8
JISG	Ishigakijimahi	1.80 95	P	Pn	14 53 42.3	-0.7
FULB	Fulu	1.81 212	eP	Pb	14 53 44.1	-1.5
ALS	Alishan	1.86 229	eP	Pb	14 53 46.4	-0.2
ALS	Alishan		eS	Sg	14 54 12.3	-0.8
CHKT	Chengkung	1.86 209	eP	Pg	14 53 43.3	-0.6
CHN5	Tsauling	1.90 233	eP	Pg	14 53 47.7	-1.8
CHN5	Tsauling		eS	Sg	14 54 13.3	-0.9
WGK	Gukeng	1.93 237	eP	Pb	14 53 47.6	

Table with columns: WRO, comp=Z,4.1nm,1.2s, IAMB, IAMB, 16 08 12.2, ZAAO Zalesovo Array 47.58 352 P P 16 08 09.9 +0.2, ZALV Zalesovo Beam 47.58 352 P P 16 08 07.7 -1.0, ZALV Zalesovo Beam 47.58 352 P P 16 08 08.7 0.0, ASAR Alice Springs 48.96 130 P P 16 08 19.6 -0.2, MJAR Matsushiro Arr 49.51 47 LR LR 16 29 19.6, BRVK Borovoye 50.12 341 P P 16 08 28.0 -0.2, ABKAR Akbulak array 51.29 332 P P 16 08 37.2 +0.1, STKA Stephens Creek 59.12 134 LR LR 16 37 43.0, AKASG Malin Array Be 69.19 322 LR LR 16 45 48.9, FIA1 FINESS Array S 73.77 332 P P 16 11 06.4 -0.7, FINES FINESS Array B 73.78 332 P P 16 11 07.0 -0.1, TIP Timpangrande 76.24 309 P P 16 11 21.4 -0.5, KOWA Kowa 96.54 285 LR LR 16 56 09.6

NNC 10 16:18:53.6±2.3, 99°19'N:75°02'E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=18.2km s-min=10.6km az=159.0
KRNET 10 16:18:54.7±0.1, 39°78'N:75°37'E, mb3.3
SOME 10 16:18:54.1, 39°90'N:75°38'E, h10km
ISC 10 16:18:53.7±1.6, 39°88'N:0°05'75.33E±0.03, h10km±14km, n49, r185/75, 35C-8D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SFK Sufi-Kurgan 1.41 276 LR P 16 19 22.1 +1.4, SFK Salom-Alik 1.52 311 LR P 16 19 25.4 +2.5, SALK Osh 2.05 289 LR P 16 19 33.1 +0.1, UCH Uchtor 2.42 346 P P 16 19 38.3 +0.7, UCH Uchtor 2.42 346 LR P 16 19 39.2 -1.0, ULHL Ulaloh 2.46 16 P P 16 19 40.4 -0.5, AML Almayashu 2.56 332 P P 16 19 39.8 -0.2, AML Almayashu 2.56 332 LR P 16 19 41.4 +1.4, TARG Tarayag, Kyrgy 2.64 45 LR P 16 20 15.5 +1.7, BOOM Booms koye usch 2.65 10 LR P 16 19 42.5 +1.2, DRK Karamyk 2.75 263 LR P 16 19 42.6 -0.5, KBK Karagaybulak 2.79 354 P P 16 19 47.9 +0.9, KBK Karagaybulak 2.79 354 LR P 16 19 44.3 +0.6, EK2S Erkin-Say 3.01 338 P P 16 19 46.3 -1.2, EK2S Erkin-Say 3.01 338 LR P 16 19 47.3 -0.2, TKM2 Tokmak 2 3.04 4 P P 16 19 46.0 -2.1, TKM2 Tokmak 2 3.04 4 LR P 16 19 44.2 +2.1, ASAR Alice Springs 49.03 129 P P 16 35 20.2 -0.2, ABKAR Akbulak array 51.30 332 P P 16 35 38.1 +0.8, GNI Ganni 55.38 315 LR LR 17 02 49.6, FINES FINESS Array B 73.79 332 P P 16 38 07.5 +0.3, TSUM Tsumeb 79.89 249 P P 16 38 42.3 -0.3, SOCV Socops 0.60 116 P P 16 35 59.4 -1.0, SDV Santo Domingo 0.83 66 P P 16 36 07.8 -0.6, SDV Santo Domingo 0.83 66 P P 16 36 05.0 -0.3, SDV Santo Domingo 0.83 66 P P 16 36 16.9 +0.1, SDV Santo Domingo 0.83 66 P P 16 36 04.7 -0.7, CAPV Capacho 1.13 233 P P 16 36 14.4 -1.3, PAMC Pamplona, Colo 1.76 227 P P 16 36 19.6 0.0, MCOV Machiques 1.86 323 P P 16 36 21.3 +0.6, OCAC Ocana 1.92 261 P P 16 36 21.7 +0.2, TAMC Tame, Arauca 2.13 190 P P 16 36 25.1 +0.6, LLLC La Loma 1 Cana 2.34 295 P P 16 37 30.1 -0.9, ELOV Elorza 2.45 129 P P 16 37 01.9 -1.2, SIOV Siquisique 2.62 37 P P 16 37 06.4 -1.5, BARC Barichara 2.62 222 P P 16 37 08.2 +1.4, ZAAO Zalesovo Array 47.58 352 P P 16 08 09.9 +0.2, ZALV Zalesovo Beam 47.58 352 P P 16 08 07.7 -1.0, ZALV Zalesovo Beam 47.58 352 P P 16 08 08.7 0.0, ASAR Alice Springs 48.96 130 P P 16 08 19.6 -0.2, MJAR Matsushiro Arr 49.51 47 LR LR 16 29 19.6, BRVK Borovoye 50.12 341 P P 16 08 28.0 -0.2, ABKAR Akbulak array 51.29 332 P P 16 08 37.2 +0.1, STKA Stephens Creek 59.12 134 LR LR 16 37 43.0, AKASG Malin Array Be 69.19 322 LR LR 16 45 48.9, FIA1 FINESS Array S 73.77 332 P P 16 11 06.4 -0.7, FINES FINESS Array B 73.78 332 P P 16 11 07.0 -0.1, TIP Timpangrande 76.24 309 P P 16 11 21.4 -0.5, KOWA Kowa 96.54 285 LR LR 16 56 09.6

Table with columns: TRKS Terek-Say 3.58 299 LR P 16 19 53.9 -3.3, TRKS Karabote 3.96 14 P P 16 20 37.5 -3.3, KTBS Karabote 3.96 14 P P 16 20 07.9 -1.6, KTBS Karabote 3.96 14 P P 16 21 01.2 +0.3, KTBS Karabote 3.96 14 P P 16 20 05.9 +2.3, KUU Kurty 4.08 10 P P 16 20 10.1 -1.8, KUU Kurty 4.08 10 P P 16 21 05.2 +0.5, KUU Kurty 4.08 10 P P 16 20 08.0 +2.4, CHHK Chushkaly 4.16 17 P P 16 20 11.5 -1.9, CHHK Chushkaly 4.16 17 P P 16 21 07.5 +0.2, CHHK Chushkaly 4.16 17 P P 16 20 09.5 +2.5, IUG Iuzhnyy 4.60 301 P P 16 20 19.2 -2.6, IUG Iuzhnyy 4.60 301 P P 16 21 19.9 -1.5, IUG Iuzhnyy 4.60 301 P P 16 20 10.6 -4.0, PDGK Podgornoye 4.65 41 LR P 16 20 19.3 -3.5, ARXS Arharly 4.71 22 P P 16 20 21.7 -2.2, KK31 Karay Array 4.84 313 LR P 16 20 19.3 +0.7, IDC 10 16:26:31.3±1.7, 6°8'1N:94°33'E, h0km, mb3.6/7, mb1 3.7/9, ms1mx3.6/46, mbtmp3.6/9, ML3.8/2, MS3.0/3, Mst1 3.0/3, ms1mx2.6/39, Error ellipse: s-maj=67.6km s-min=18.7km az=60.0, NEIC 10 16:26:33.7±1.8, 6°8'N:0°1'94.4E±0.1, h10km±1km, mb4.0/6, Error ellipse: s-maj=25.7km s-min=14.8km az=239.0, ISC 10 16:26:35.3±0.9, 6°8'N:0°1'94.4E±0.1, h26km, n22, r0991/17, mb3.8/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LHMI Lok Sumawe 2.97 121 P P 16 27 19.9 -0.9, PSI Prapat 6.00 131 P P 16 28 03.8 +1.2, RPSI Rantau Prapat 6.07 132 P P 16 28 03.8 +0.4, PBKT Sadao Pong 11.65 33 P P 16 29 20.5 +0.5, CMAR Chiang Mai Arr 12.41 20 P P 16 29 31.5 +1.0, H08S3 Diego Garcia H 26.14 237 T T 16 58 46.7, H08S2 Diego Garcia H 26.14 237 T T 16 58 44.5, H08S1 Diego Garcia H 26.15 237 T T 16 58 38.1, FITZ Fitzroy Crossi 39.52 129 P P 16 34 06.1 +1.8, MKAR Makanchi Arr 41.20 347 P P 16 34 17.6 -0.2, MAKZ Makanchi 41.28 347 P P 16 34 18.2 -0.3, SONM Sontung Array 42.16 12 P P 16 34 24.5 -1.3, SONM Sontung Array 42.16 12 IAMB IAMB 16 35 46.7, WRA Warramunga Arr 47.43 125 P P 16 35 07.7 -0.4, WRA Warramunga Arr 47.43 125 P P 16 35 08.2 +0.1, WRA Warramunga Arr 47.44 125 P P 16 35 06.9 +1.3, ZALV Zalesovo Beam 47.66 352 P P 16 35 08.9 -0.5, ASAR Alice Springs 49.03 129 P P 16 35 20.2 -0.2, ABKAR Akbulak array 51.30 332 P P 16 35 38.1 +0.8, GNI Ganni 55.38 315 LR LR 17 02 49.6, FINES FINESS Array B 73.79 332 P P 16 38 07.5 +0.3, TSUM Tsumeb 79.89 249 P P 16 38 42.3 -0.3, SOCV Socops 0.60 116 P P 16 35 59.4 -1.0, SDV Santo Domingo 0.83 66 P P 16 36 07.8 -0.6, SDV Santo Domingo 0.83 66 P P 16 36 05.0 -0.3, SDV Santo Domingo 0.83 66 P P 16 36 16.9 +0.1, SDV Santo Domingo 0.83 66 P P 16 36 04.7 -0.7, CAPV Capacho 1.13 233 P P 16 36 14.4 -1.3, PAMC Pamplona, Colo 1.76 227 P P 16 36 19.6 0.0, MCOV Machiques 1.86 323 P P 16 36 21.3 +0.6, OCAC Ocana 1.92 261 P P 16 36 21.7 +0.2, TAMC Tame, Arauca 2.13 190 P P 16 36 25.1 +0.6, LLLC La Loma 1 Cana 2.34 295 P P 16 37 30.1 -0.9, ELOV Elorza 2.45 129 P P 16 37 01.9 -1.2, SIOV Siquisique 2.62 37 P P 16 37 06.4 -1.5, BARC Barichara 2.62 222 P P 16 37 08.2 +1.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IDC 10 16:35:46.5±0.5, 8°50'N:71°42'W, h0km, mb4.1/17, mb1 4.3/22, mb1mx4.2/52, mbtmp4.2/22, ML4.3/4, MS3.7/11, Mst1 3.7/11, ms1mx3.4/28, Error ellipse: s-maj=13.5km s-min=8.7km az=152.0, NEIC 10 16:35:48.5±1.8, 8°56'N:0°06'71.39W±0.04, h5km±4km, mb4.6/27, Mw4.2(CAR), Error ellipse: s-maj=9.4km s-min=4.9km az=155.0, FUNV 9 16:35:49.1, 8°48'N:71°53'W, h1km, MW4.2, VAO 10 16:35:55.5±0.8, 8°53'N:70°85'W, h10km, mb4.4, ISC 10 16:35:48.7±0.3, 8°55'N:0°02'71.41W±0.02, h10km, n170, r2500/219, mb4.5/28, MS3.7/9, Venezuela, SOCV Socops 0.60 116 P P 16 35 59.4 -1.0, SDV Santo Domingo 0.83 66 P P 16 36 07.8 -0.6, SDV Santo Domingo 0.83 66 P P 16 36 05.0 -0.3, SDV Santo Domingo 0.83 66 P P 16 36 16.9 +0.1, SDV Santo Domingo 0.83 66 P P 16 36 04.7 -0.7, CAPV Capacho 1.13 233 P P 16 36 14.4 -1.3, PAMC Pamplona, Colo 1.76 227 P P 16 36 19.6 0.0, MCOV Machiques 1.86 323 P P 16 36 21.3 +0.6, OCAC Ocana 1.92 261 P P 16 36 21.7 +0.2, TAMC Tame, Arauca 2.13 190 P P 16 36 25.1 +0.6, LLLC La Loma 1 Cana 2.34 295 P P 16 37 30.1 -0.9, ELOV Elorza 2.45 129 P P 16 37 01.9 -1.2, SIOV Siquisique 2.62 37 P P 16 37 06.4 -1.5, BARC Barichara 2.62 222 P P 16 37 08.2 +1.4

Table with columns: SMLC San Martin de 2.65 276 P P 16 36 30.9 -0.5, SMLC Valledupar, Ce 2.67 317 P P 16 37 07.4 -1.4, CVALL Barranca, Sant 2.70 238 P P 16 36 31.9 +0.1, BRRRC Barranca, Sant 2.70 238 P P 16 37 03.5 +0.7, BRRRC Barranca, Sant 2.70 238 P P 16 37 10.9 +0.7, ARGC Ariguani, Magd 3.09 295 P P 16 36 37.3 -0.3, ARGC Ariguani, Magd 3.09 295 P P 16 37 15.1 +0.5, RUSC La Rusia 3.12 212 P P 16 36 39.1 +0.8, RUSC La Rusia 3.12 212 P P 16 37 16.3 +0.3, URIC Urbib, Colomb 3.19 350 P P 16 36 38.7 -0.1, URIC Urbib, Colomb 3.19 350 P P 16 37 15.4 -1.5, URIC Urbib, Colomb 3.19 350 P P 16 37 31.8, URIC Urbib, Colomb 3.19 350 P P 16 36 37.9 -0.9, BAUV El Baul 3.35 83 P P 16 36 42.7 +1.6, BAUV Zaragoza, Cauc 3.58 253 P P 16 37 23.0 +2.1, ZARC Zaragoza, Cauc 3.58 253 P P 16 36 44.0 -0.3, ZARC Zaragoza, Cauc 3.58 253 P P 16 37 28.9 +1.9, JACV Jacura 3.58 45 P P 16 36 43.9 -0.3, JACV Jacura 3.58 45 P P 16 36 47.5 +3.2, MONV Montecano 3.67 23 P P 16 37 28.8 +2.1, MONV Montecano 3.67 23 P P 16 36 48.6 +1.3, SMRC Santa Marta, M 3.80 313 P P 16 37 29.8 +1.0, SMRC Santa Marta, M 3.80 313 P P 16 37 28.1 -4.1, SMRC Santa Marta, M 3.80 313 P P 16 37 47.5, SPBC San Pablo de B 3.91 223 P P 16 36 49.7 +0.8, SPBC San Pablo de B 3.91 223 P P 16 37 53.7 +1.7, SJCC San Jacinto, C 3.96 290 P P 16 36 50.9 +1.3, SJCC San Jacinto, C 3.96 290 P P 16 37 36.9 +0.8, SJCC San Jacinto, C 3.96 290 P P 16 36 52.0 +0.7, TURV Turiamo 3.99 61 P P 16 36 52.6 +2.6, TURV Turiamo 3.99 61 P P 16 37 38.7 +1.9, BENV Beln 4.01 69 P P 16 36 52.4 +1.9, UREC San Jos de Ur 4.16 259 P P 16 37 39.2 +1.7, UREC San Jos de Ur 4.16 259 P P 16 36 52.9 +0.6, MOTC Monteria, Cord 4.22 273 P P 16 36 53.5 +0.5, MOTC Monteria, Cord 4.22 273 P P 16 37 43.5 +1.0, MOTC Monteria, Cord 4.22 273 P P 16 38 10.7, MOTC Monteria, Cord 4.22 273 P P 16 36 53.5 +0.5, PTGC Monteria Gaitan, 4.38 190 P P 16 37 45.8 -0.7, CHIC Chingaza 4.53 211 P P 16 36 58.2 +0.6, CHIC Chingaza 4.53 211 P P 16 37 49.8 -0.9, NORC Norcasia 4.54 229 P P 16 36 57.7 +0.2, NORC Norcasia 4.54 229 P P 16 37 46.5 -3.9, TACV Tcata 4.60 70 P P 16 37 00.4 +2.0, TACV Tcata 4.60 70 P P 16 37 32.7 +0.7, ROSC El Rosal 4.69 218 P P 16 37 00.0 +0.2, ROSC El Rosal 4.69 218 P P 16 37 59.9 +5.4, ROSC El Rosal 4.69 218 P P 16 37 02.4 +2.6, ROSC El Rosal 4.69 218 P P 16 37 51.5 -3.0, ROSC El Rosal 4.69 218 P P 16 37 02.4 +2.6, ROSC El Rosal 4.69 218 P P 16 37 51.5 -3.0, ROSC El Rosal 4.69 218 P P 16 37 02.4 +2.6, ROSC El Rosal 4.69 218 P P 16 37 51.5 -3.0, CARV Caracas 4.82 66 P P 16 37 03.9 +2.3, CARV Caracas 4.82 66 P P 16 37 58.1 +0.6, PAVY Puerto Ayacucho 4.85 130 P P 16 37 01.9 +0.2, PAVY Puerto Ayacucho 4.85 130 P P 16 37 56.8 -1.2, CACV CAICARA DEL OR 4.92 101 P P 16 37 02.0 +0.2, CACV CAICARA DEL OR 4.92 101 P P 16 38 12.0 -2.1, LCBC Las crdobas, 4.92 274 P P 16 37 02.9 +0.2, LCBC Las crdobas, 4.92 274 P P 16 38 02.1 +2.4, VILC Villavicencio, 4.96 207 P P 16 37 03.6 +0.2, VILC Villavicencio, 4.96 207 P P 16 37 59.7 -1.2, DBBC Dabeiba 5.00 253 P P 16 37 06.4 +2.5, DBBC Dabeiba 5.00 253 P P 16 38 05.5 +3.7, MERY Las Mercedes 5.10 82 P P 16 38 42.9 +0.1, GUY2C Guyana, Caldas 5.13 230 P P 16 37 06.5 +0.8, GUY2C Guyana, Caldas 5.13 230 P P 16 38 08.5 +2.8, GUY2C Guyana, Caldas 5.13 230 P P 16 38 37.2, CBOC Ciudad Bolivar 5.29 240 P P 16 37 10.1 +2.1, CBOC Ciudad Bolivar 5.29 240 P P 16 38 14.9 +5.7, CBOC Ciudad Bolivar 5.29 240 P P 16 38 36.3, BIRV Birongo 5.42 69 P P 16 37 11.4 +1.9, BIRV Birongo 5.42 69 P P 16 38 12.0 0.0, ANIL Santa Ana 5.66 225 P P 16 37 14.4 +1.2, ANIL Santa Ana 5.66 225 P P 16 38 17.1 -1.3, ANIL Santa Ana 5.66 225 P P 16 38 26.1, CAPC Capurgana 5.88 271 P P 16 37 14.6 -1.3, CAPC Capurgana 5.88 271 P P 16 38 23.6, CAPC Capurgana 5.88 271 P P 16 37 14.6 -1.5, ORTC Ortega, Tolima 5.98 220 P P 16 37 17.6 +0.2, ORTC Ortega, Tolima 5.98 220 P P 16 38 27.2 -1.9, GUVV San Jose del G 6.09 192 P P 16 37 18.7 -0.1, GUVV San Jose del G 6.09 192 P P 16 38 25.4 -3.1, PTAC Punta Arditia, 6.49 258 P P 16 37 24.0 -0.4, PTAC Punta Arditia, 6.49 258 P P 16 38 35.8 -2.8, YOTC Yotoco, Valle 6.68 228 P P 16 37 28.0 +0.9, YOTC Yotoco, Valle 6.68 228 P P 16 38 47.9 +4.5, MACC Macarena, Meta 6.81 201 P P 16 37 26.5 -1.8, MACC Macarena, Meta 6.81 201 P P 16 38 39.1 -7.3, PCRV Puerto La Cruz 6.87 76 P P 16 37 30.1 +0.5, PCRV Puerto La Cruz 6.87 76 P P 16 38 45.9 +4.5, PCRV Puerto La Cruz 6.87 76 P P 16 38 50.9 +2.9, PCRV Puerto La Cruz 6.87 76 P P 16 39 28.9, PLCV Puerto La Cruz 6.92 76 P P 16 38 50.9 +1.9, GARC Garzon, Huila 7.51 213 P P 16 37 38.0 0.0, GARC Garzon, Huila 7.51 213 P P 16 39 01.1 -3.0, GARC Garzon, Huila 7.51 213 P P 16 39 20.2, BCIP Isla Barro Co 8.36 275 P P 16 37 49.2 -0.7, BCIP Isla Barro Co 8.36 275 P P 16 38 51.1 +3.3, DR12 Loma Pena Alta 10.37 11 P P 16 38 16.4 -1.2, SDDR Presa de Saban 10.37 11 P P 16 38 18.7 +1.0, CELP Cerrillos 10.57 26 P P 16 38 19.3 -1.0, AOPR Arecibo Observ 10.74 24 P P 16 38 22.3 -0.3, PDRP Paticas Dam, 10.77 29 P P 16 38 21.8 -1.2, SJG San Juan 10.79 28 P P 16 38 22.7 -0.7, SJG San Juan 10.79 28 P P 16 40 15.3 -9.0, OTAV Otavalo 11.04 221 P P 16 38 25.4 +1.1, MTP Monte Pirata 11.07 30 P P 16 38 26.8 -0.3, CBPV Canovanos 11.07 29 P P 16 38 25.7 -1.5, CTYR Culebra, Puert 11.36 31 P P 16 38 31.0 -0.4, CTYR Culebra, Puert 11.53 32 P P 16 38 34.2 0.0, BOAV Boa Vista 12.44 119 P P 16 38 44.9 -1.0, BOAV Boa Vista 12.44 119 P P 16 38 45.5 -0.3, TBGT Tabatinga, AM 12.74 173 P P 16 38 57.0 +7.0

10d 17h

Table with columns: PTGA, Pitinga, 14.66 128 Pn, Pn, 16 39 14.5 -1.8, etc. Lists various stations and their coordinates and frequencies.

2015 NOV

Table with columns: WRA, Warramunga Arr, 152.64 243, PKPbc, PKPbc, 16 55 45.3 -1.3, etc. Lists stations in the Warramunga region.

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Table with columns: KLF, Hetta, 3.91 286, SN, Sn, 17 04 55.4 +0.9, etc. Lists stations in the Hetta region.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for Alice Springs, ASAR, ABKAR, etc.

NIC 10 17:31:52.0, 0.35, 71Nk, 31.20E, h64km, 10km, M3.4/5
ISK 10 17:31:52.9, 35.55N, 31.47E, h9km, ML3.0/17
DDA 10 17:31:55.1, 35.69N, 31.53E, h18km, 2km, ML2.8

Main table of seismic events with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for GAZI, AKMS, ALFC, etc.

IDC 10 17:44:57.3, 1.3, 35.61N, 141.04E, h0km, mb3.6/5,
mb1 3.7/8, mb1mx3.5/52, mbt2km 3.7/8, ML3.4/3, Error
ellipse: s-maj=29.2km s-min=22.8km az=59.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for JMA Felt J1, Honshu, CHOU, etc.

VAO 10 17:48:14.6, 0.3, 22.05S, 68.45W, h10km, mb5.3
SJA 10 17:48:20.8, 0.7, 22.26S, 68.86W, h138km, 4km, ML5.4,
Mw5.0

MOS 10 17:48:21.8, 1.1, 22.06S, 68.51W, h101km, mb5.4/4, Error
ellipse: s-maj=14.0km s-min=7.8km az=106.8

GUC 10 17:48:22.6, 0.2, 22.25S, 68.91W, h26km, 5km, ML5.4
IDC 10 17:48:22.8, 0.3, 22.29S, 68.69W, h104km, 2km, mb4.8/26,
mb1 4.8/30, mb1mx4.8/35, mbt2km 5.1/30, MS4.0/14,
Ms1 4.0/14, ms1mx3.9/20, Error ellipse: s-maj=10.5km
s-min=7.3km az=97.0

NEIC 10 17:48:23.1, 22.24S, 68.72W, h113km, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr=4.83;
Mss=0.65; Mss=5.48; Mss=0.74; Mss=0.25; Mrr=8.36; Fault
plane solution: M=9.60000x10^16 NP1: 169.300000,
delta 2.10000, lambda 3.10000, NP2: 64.18000, delta 3.10000,
lambda 85.99000. Principal axes: T 10.1461, Plg29.0000,
Azm31.0000; N -0.5901, Plg4.0000, Azm183.0000; P
-9.5560, Plg6.0000; Azm280.0000.

BUJ 10 17:48:23.0, 0.0, 22.30S, 68.80W, h114km, mb5.1/15
NEIC 10 17:48:23.1, 1.9, 22.23S, 0.04, 68.71W, h109km, 3km,
mb5.5/469, Mw5.3/53, Mww5.3, ML5.5(GUC),
Mw5.3(GCMT), Error ellipse: s-maj=7.6km s-min=5.7km
az=86.0

NEIC 10 17:48:25.2, 22.33S, 68.70W, h110km, Moment Tensor
Solution. Duration: 6s0 Moment tensor: Scale 10^17Nm;
Mrr=0.75; Mss=0.09; Mss=0.83; Mss=0.12; Mss=0.18; Mrr=1.02;
Fault plane solution: Ms1.31000x10^17 NP1:
phi=195.00000, delta 19.00000, lambda -82.00000,
delta 371.00000, lambda -92.00000, NP2: 6.700000,
delta 371.00000, lambda -92.00000, NP3: 6.700000,
delta 371.00000, lambda -92.00000. Principal axes: T
1.46907, Plg26.0000, Azm9.0000; N -0.1194, Plg3.0000;
P -1.2496, Plg64.0000, Azm273.0000.

NEIC 10 17:48:26.2, 22.39S, 68.99W, h127km, Moment Tensor
Solution. Duration: 2s2 Moment tensor: Scale 10^17Nm;
Mrr=0.53; Mss=0.19; Mss=0.33; Mss=0.04; Mss=0.15; Mrr=1.05;
Fault plane solution: Ms1.16000x10^17 NP1:
phi=218.00000, delta 313.00000, lambda -59.00000,
delta 879.00000, lambda -97.00000, NP2: 6.000000,
delta 879.00000, lambda -97.00000, NP3: 6.000000,
delta 879.00000, lambda -97.00000. Principal axes: T
1.0643, Plg33.0000, Azm1102.0000; N 0.1672, Plg7.0000,
Azm7.0000; P -1.2314, Plg56.0000, Azm267.0000.

GCMT 10 17:48:27.1, 0.1, 22.23S, 0.01, 68.89W, 0.01, h128km,
Mw5.3/193, Moment Tensor Solution. s=8, c1=6,
s133,c219; Duration: 1s1 Moment tensor: Scale 10^17
Nm; Mrr=0.60; Mss=0.01; Mss=0.02; Mss=0.02;
Mss=0.14; Mss=0.07; Mss=0.02; Mrr=0.88; NP1: Best double
couple. M1.08800x10^17 NP1: 161.00000, delta 819.00000,
lambda -114.00000, NP2: 6.00000, delta 873.00000, lambda -82.00000.
Principal axes: T 1.0920, Plg28.0000, Azm90.0000; N
-0.0080, Plg7.0000, Azm184.0000; P -1.0840,
Plg61.0000, Azm288.0000; nsta1 refers to body waves,
cuttoff=40s. nsta2 refers to surface waves, cuttoff=50s.
Triangular moment-rate function

ISC 10 17:48:22.6, 0.2, 22.24S, 0.03, 68.69W, 0.04, h110km, 1km,
mb3.6/5, Mw3.6/5, Moment Tensor Solution. s=8, c1=6,
s133,c219; Duration: 1s1 Moment tensor: Scale 10^17
Nm; Mrr=0.60; Mss=0.01; Mss=0.02; Mss=0.02;
Mss=0.14; Mss=0.07; Mss=0.02; Mrr=0.88; NP1: Best double
couple. M1.08800x10^17 NP1: 161.00000, delta 819.00000,
lambda -114.00000, NP2: 6.00000, delta 873.00000, lambda -82.00000.
Principal axes: T 1.0920, Plg28.0000, Azm90.0000; N
-0.0080, Plg7.0000, Azm184.0000; P -1.0840,
Plg61.0000, Azm288.0000; nsta1 refers to body waves,
cuttoff=40s. nsta2 refers to surface waves, cuttoff=50s.
Triangular moment-rate function

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for LVC, LVC, LVC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PB06, PB06, PB06, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PB03, PB03, PB03, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PB15, PB07, PB07, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PB04, PB04, PB04, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PB02, PB02, PB02, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PB05, PB05, PB05, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PATCX, PATCX, PATCX, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PB10, PB10, PB10, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PB08, PB08, PB08, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for TA01, TA01, TA01, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PB11, PB11, PB11, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PSGCX, PSGCX, PSGCX, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for LPAZ, LPAZ, LPAZ, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for AC04, LCO, LCO, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like P52A Corning, P52A Corning, O56A Blue Knob Stat, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like J57A Williamstown, J57A Williamstown, J57A HNH, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like ECSD EROS Data Cent, ECSD EROS Data Cent, COWI Conover, etc.

10d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PDAR, BW06, VES, HWUT, MDND, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like F10A, YBH, YBH, K04D, L04D, etc.

650

Table with columns for station name, frequency, power, and other technical details. Includes stations like DLBC, TGNT, P33M, SKAG, M31M, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
BRZS	Berezniaki	139.00	38	ePKP	18 07 35.1	-1.1
BRZS	Berezniaki	139.00	38	ePKIKP	18 07 35.0	-1.1
KURK	Kurchatov	141.83	34	iPKIKP	18 07 42.4	+1.2
KURK	KURK			pmax		
ZALV	Zalesovo Beam	142.53	26	PkHkP	18 07 39.5	
ZALV	ZALV			PKP	18 07 43.1	+0.8
ZALV	ZALV			pPKP	18 08 13.1	-0.2
ZALV	ZALV			pPKP	18 11 11.9	+0.3
SEM	Semipalatinsk	142.85	33	ePKP	18 07 39.6	-3.8
SEM	Semipalatinsk	142.85	33	ePKIKP	18 07 39.5	-3.8
SGDS	Sogindy	143.04	46	ePKP	18 07 43.1	-0.5
AAK	Ala-Archa	143.26	48	iPKIKP	18 07 43.5	-0.7
AAK	Ala-Archa	143.26	48	ePKP	18 07 42.3	+0.8
KUU	Kurty	143.99	45	ePKP	18 07 44.1	+0.7
KUU	Kurty	143.99	45	ePKIKP	18 07 44.1	+0.7
BOD	Bodaibo	144.41	358	ePKIKP	18 07 43.9	0.0
CHKK	Chushkaly	144.43	45	ePKP	18 07 45.3	+0.5
YSS	Yuzh-Sakhalins	144.65	322	ePKIKP	18 07 46.1	-0.1
YSS	YSS			pmax		
YSS	YSS			PKP	18 07 44.8	-0.4
AAA	Alma-Ata	144.66	46	ePKP	18 07 46.5	-0.1
AAA	Alma-Ata	144.66	46	ePKIKP	18 07 46.4	-0.1
NIL	Nilore	144.70	63	ePKIKP	18 07 45.5	-0.3
NIL	Nilore	144.70	63	ePKP	18 07 45.5	-0.3
TNSL	Tian-Shan	144.75	46	ePKP	18 07 47.1	0.0
MDOK	Medeo	144.77	46	ePKP	18 07 46.0	0.0
MDOK	Medeo	144.77	46	ePKIKP	18 07 46.0	0.0
TDK	Taldyqorghan	144.80	42	ePKP	18 07 46.3	-0.3
TDK	Taldyqorghan	144.80	42	ePKIKP	18 07 46.3	-0.3
KSH	Kashi	145.40	52	ePKP	18 07 49.0	+0.6
GRNR	Gornyy	145.43	332	iPKIKP	18 07 49.7	+1.7
GRNR	GRNR			pmax		
GRNR	GRNR			pmax		
GRNR	GRNR			pmax		
KPKS	Kokpek	145.70	44	ePKP	18 07 48.1	-0.3
KPKS	Kokpek	145.70	44	ePKIKP	18 07 48.0	-0.3
SATY	Saty	145.71	45	ePKP	18 07 48.3	-0.2
SATY	Saty	145.71	45	ePKIKP	18 07 48.2	-0.2
UZB	Uzymbulak	146.07	44	ePKP	18 07 50.2	+0.3
UZB	UZB			PKP	18 08 20.1	+0.3
MKAR	Makanchi Array	146.11	37	ePKP	18 07 49.4	+0.6
MKAR	Makanchi Array	146.11	37	ePKIKP	18 07 49.4	+0.6
ASAJ	Asakhikwa	146.23	318	ePKP	18 07 51.5	+0.3
ASAJ	ASAJ			PKP	18 07 51.5	+0.3
ZEA	Zeya	146.30	343	ePKP	18 07 50.0	-0.2
ZEA	ZEA			pmax		
ZEA	ZEA			pmax		
ERM	Ermo	146.87	314	ePKP	18 07 54.8	+0.1
ERM	ERM			pmax		
ZSN	Zaisan	147.08	34	ePKP	18 07 49.9	-0.6
ZSN	Zaisan	147.08	34	ePKIKP	18 07 49.8	-0.6
MNRI	Maumere	147.50	200	ePKP	18 07 52.6	+0.5
MNRI	MNRI			PKP	18 07 52.6	+0.5
KLR	Kul'dur	148.57	334	ePKP	18 07 57.0	+0.4
KLR	Kul'dur	148.57	334	ePKIKP	18 07 57.0	+0.4
HYB	Hyderabad	148.85	93	ePKP	18 07 52.0	-2.2
TEY	Ternei	149.24	324	ePKP	18 08 00.4	+0.3
MOY	Mondy	149.56	13	ePKP	18 08 00.4	+0.3
MOY	MOY			pmax		
IRK	Irkutsk	149.56	9	ePKHkP	18 07 54.8	
IRK	IRK			pmax		
TLY	Talya	150.02	10	ePKP	18 08 00.9	-0.1
TLY	TLY			pmax		
WMQ	Urumqi	150.94	37	ePKP	18 07 56.3	-0.5
ZAK	Zakamensk	151.22	11	ePKP	18 07 57.2	+0.1
ZAK	ZAK			pmax		
ZAK	ZAK			pmax		
USRK	Ussuriysk Arr	152.24	327	ePKP	18 07 58.2	-0.4
USRK	USRK			PKP	18 08 06.5	+0.9
USRK	USRK			PKP	18 08 16.5	+0.9
MJAR	Matsushiro Arr	152.68	307	ePKP	18 08 06.3	-0.5
MJAR	Matsushiro Arr	152.68	307	ePKIKP	18 08 18.6	+0.7
MJAR	Matsushiro Arr	152.68	307	ePKP	18 08 06.0	-0.8
MJAR	Matsushiro Arr	152.68	307	ePKIKP	18 08 18.2	+0.4
MJAR	Matsushiro Arr	152.68	307	ePKP	18 08 07.0	+0.4
SONM	Songino Array	154.16	8	ePKP	18 08 03.2	+1.7
SONM	SONM			PKP	18 08 10.1	+0.3
SONM	SONM			PKP	18 08 24.1	+0.3
SONM	SONM			PKP	18 08 01.8	+0.3
SONM	SONM			PKP	18 08 24.8	+1.1
ULN	Ulanbaatar	154.21	7	ePKP	18 08 11.7	+1.8
ULN	ULN			pmax		
ULN	ULN			pmax		
KSRs	Korea Array	159.13	320	ePKP	18 08 09.7	+1.6
KSRs	KSRs			PKP	18 08 46.7	+1.4
KSRs	KSRs			PKP	18 08 45.0	-0.5
KSRs	KSRs			PKP	18 08 07.5	-0.6
KSRs	KSRs			PKP	18 08 45.0	-0.5
GTA	Gaotai	160.28	27	ePKP	18 08 11.2	+1.7
GTA	GTA			PKP	18 08 39.6	-0.9
GTA	GTA			PKP	18 08 51.1	+0.7
TIA	Hu-hao-hao-te	161.45	359	ePKP	18 08 10.9	+0.2
TIA	TIA			PKP	18 09 11.7	-0.1
TIA	TIA			pmax		
CMAR	Chiung Mai Arr	167.81	106	ePKP	18 08 17.9	+1.2
CMAR	CMAR			PKP	18 13 15.1	+1.9
NJ2	Nanjing	168.15	327	ePKP	18 08 15.9	-0.6
GYA	Guiyang	174.04	44	ePKP	18 09 54.1	+2.5
GYA	GYA			PKP	18 09 54.1	+2.5
GYA	GYA			AMB	18 13 44.5	+1.2
GYA	GYA			AMB		
GYA	GYA			LR		
GYA	GYA			LR		
GYA	GYA			LR		

mb1 3.8/8, mb1mx3.4/4.1, mbtmp4.6/8, Error ellipse: s-maj=22.9km s-min=22.0km az=137.0

ISC 10 17:49:10.2:0.7, 31.79S:007:179.4E:0.1, h500km, n65, o173/68, mb4.3/3, Kermadec Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
RAO	Raoul Island	3.46	44	Op	17 50 25.5	+1.0
RAO	RAO			S	17 51 23.5	-1.3
RAO	Raoul Island	3.46	44	P	17 50 22.4	-2.1
MXZ	Matakaoa Point	5.82	188	P	17 50 24.1	-0.5
OUZ	Omahuta	5.90	233	P	17 50 42.5	-2.9
URZ	Urewera	6.71	195	P	17 50 53.5	+0.2
URZ	URZ			S	17 52 14.4	-3.3
URZ	Urewera	6.71	195	P	17 50 53.4	+0.2
URZ	URZ			S	17 52 10.0	-7.8
HIZ	Haiti	7.65	208	P	17 51 01.5	-1.3
RITZ	Rihia Road	7.71	201	P	17 51 06.0	+2.5
BKZ	Black Stump Fm	7.89	201	P	17 51 00.3	-3.2
TMVZ	Te Maari	7.89	201	P	17 51 07.1	+1.8
BHHD	Black Hill Sta	8.13	198	P	17 51 07.5	-0.3
PEK	Pukeiti	8.58	209	P	17 51 16.8	+4.3
NEZ	North Egmont	8.68	208	P	17 51 16.7	+4.0
LREZ	Lake Rotokare	8.64	205	P	17 51 15.7	+2.6
KHEZ	Kaiti Hut	8.65	209	P	17 51 17.4	-2.2
WAZ	Wanganui	8.70	203	P	17 51 15.7	+2.0
PRWZ	Porirua Road	9.16	196	P	17 51 19.9	+1.4
BFZ	Birch Farm	9.21	195	P	17 51 16.5	-2.6
MRZ	Mangatainoka R	9.36	198	P	17 51 20.1	-0.5
HOWZ	Hot Water Sta	9.53	199	P	17 51 22.9	+0.3
OGWZ	Otagi Gorge	9.61	199	P	17 51 23.0	-0.3
TMWZ	Te Maipa	9.70	196	P	17 51 25.6	+1.3
KIW	Kapiti Island	9.73	200	P	17 51 24.3	-0.2
MW	Mount Morrison	9.84	197	P	17 51 25.5	-0.2
CAW	Canon Point	9.81	199	P	17 51 26.2	-0.2
TRWZ	Travellers	10.03	196	P	17 51 29.3	+0.7
PAWZ	Paruwai Farm	10.07	197	P	17 51 28.4	+0.3
SNZO	South Karori	10.20	200	P	17 51 27.8	-1.7
TCW	Tory Channel	10.24	202	P	17 51 30.0	+0.1
BHW	Baring Head	10.25	199	P	17 51 30.3	+0.3
PLWZ	Palliser	10.29	197	P	17 51 30.6	+0.1
TUWZ	Tuamarua	10.55	203	P	17 51 30.7	+0.4
BSWZ	Blackbirch Sta	10.83	202	P	17 51 37.0	+0.8
BSWZ	Blackbirch Sta	10.83	202	P	17 51 35.9	-0.3
THZ	Topohue	11.21	206	P	17 51 39.7	-0.5
LTZ	Lake Taylor	12.32	205	P	17 51 50.7	-1.4
OXZ	Oxford	12.88	205	P	17 51 58.1	-1.2
MOZ	McQueen's Vall	13.01	202	P	17 51 58.0	-1.2
FOZ	Fox Glacier	13.93	210	P	17 52 08.6	-0.3
PINN	Pines Island	13.98	208	P	17 52 09.8	0.0
MSVZ	Nonsau	14.05	355	P	17 52 10.2	-0.5
OUENZ	Ouen Island, N	14.52	307	P	17 52 14.2	-1.3
DZM	Dumont	15.03	307	P	17 52 21.5	+0.6
WKZ	Wanaka	15.31	209	P	17 52 22.0	-1.5
CAN	Canberra	25.49	254	P	17 54 00.3	+2.2
CTA	Charters Tower	31.84	283	P	17 54 54.9	+1.3
CTAO	Charters Tower	31.84	283	P	17 54 54.7	+1.1
CTAO	CTAO			Iamb	17 54 55.2	
STKA	Stephens Creek	31.97	260	P	17 54 56.4	+1.8
STKA	STKA			Iamb	17 54 57.6	
AS31	Alice Springs	40.80	270	P	17 56 08.0	+0.3
ASAR	Alice Springs	40.80	270	P	17 56 08.0	+0.3
ASAR	ASAR			P	17 56 07.5	-0.1
WR0	Warramunga Arr	41.74	275	P	17 56 15.2	0.0
WR0	WR0			Iamb	17 56 15.9	
WR0	WR0			P	17 57 59.5	-0.5
WB2	Warramunga Arr	41.91	275	P	17 56 16.6	+0.1
WRAB	Tennant Creek	41.91	275	P	17 56 16.5	0.0
WRAB	WRAB			Iamb	17 56 17.3	
WRA	Warramunga Arr	41.92	275	P	17 56 16.7	+0.1
WRA	Warramunga Arr	41.92	275	P	17 56 15.3	-1.2
WRA	Warramunga Arr					

IDC 10 18:06:20.2,0.8,22.33S:68.52W,h102km,12km,mb3.8/2, mb1.3/4,mb1mx3.3/3,mbtmp.0/4, Error ellipse: s-maj=44.4km s-min=25.5km az=124.0

NEIC 10 18:06:20.7,1.8,22.20S:68.78W,h105km,6km, mb4.0/3,ML3.6(GUC), Error ellipse: s-maj=7.0km s-min=5.2km az=221.0

GUC 10 18:06:20.8,0.6,22.20S:68.78W,h106km,3km,ML3.6

ISC 10 18:06:19.6,0.6,22.20S:68.76W,h101km,6km, n80,e192B/103,10C-1D,Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their coordinates.

ISK 10 18:19:26.0,38.66N:44.63E,h5km,ML3.3/12

ISC 10 18:19:25.8,1.1,38.65N:0.02,44.76E:0.02,h6km,9km, n104,e196I/153,Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 10 18:29:56.7,2.0,3.10N:129.44E,h0km,mb3.7/5, mb1.3/5,mb1mx3.6/2,mbtmp.3/7,MS3.1/1,Ms1.1, ms1mx2.3/38, Error ellipse: s-maj=112.0km s-min=21.6km az=62.0

DJA 10 18:30:15.4,0.5,3.10N:129.44E,h208km,5km,M3.8/9, mb3.9/4,mb5.9/1,MLV3.8/9,MW(MB)5.5/1

ISC 10 18:30:03.7,1.0,3.10N:129.45E:0.10,h50km,n13, e192T/12,mb3.7/5,North of Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 10 18:31:24.5,3.5,0.49S:134.86E,h0km,mb3.3/2, mb1.3/6,mb1mx3.3/2,mbtmp.3/4,ML3.5/1, Error ellipse: s-maj=166.1km s-min=30.0km az=77.0

DJA 10 18:31:26.2,1.3,0.5S:134.86E,h14km,9km,M3.5/4, MLV3.5/4

ISC 10 18:31:29.9,1.4,0.55S:134.53E:0.07,h35km,n7, e1513/8,Irian Jaya region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their coordinates.

TAP 10 18:34:00.4,24.61N:122.67E,h108km,ML3.7,D

JMA 10 18:34:00.4,0.1,24.53N:122.67E,h102km,1km,M2.7

ISC 10 18:34:00.8,1.4,24.58N:0.04,122.70E:0.03,h101km,7km, n104,e0985/197,Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their coordinates.

AZER 10 18:19:24.0,1.38,60N:44.76E,h24km,m13.8/31, Error ellipse: s-maj=2.2km s-min=1.6km az=229.0

NSSP 10 18:19:24.9,38.55N:44.80E,h5km,Ms3.3

TEH 10 18:19:25.4,38.62N:44.74E,h6km,ML3.4

DDA 10 18:19:25.0,38.63N:44.67E,h7km,10km,ML3.3

THR 10 18:19:26.3,0.5,38.70N:44.73E,h14km,9km,ML3.3

NWF	Wu-fen Shan	0.96	301	P	Pn	18 34 21.4	+0.5
NWF	baz=293				S	18 34 36.4	+0.3
IRIF	Iriomote-Funau	0.97	104	P	Pn	18 34 21.0	0.0
IRIF	baz=293				S	18 34 36.0	-0.2
ENTT	Nioudou	1.03	274	P	Pn	18 34 22.1	+0.4
ENTT	baz=269				S	18 34 38.1	+0.8
ETL	Fush Village	1.06	247	eP	Pn	18 34 22.0	0.0
ETL	baz=238				eS	18 34 37.1	-0.9
NDT	Datong Townshi	1.08	271	P	Pn	18 34 22.7	+0.6
NDT	baz=269				S	18 34 39.0	+0.8
NACB	Ninganchiao	1.08	248	P	Pn	18 34 21.9	-0.3
NACB	baz=240				S	18 34 37.8	-0.5
TWA	Mucha	1.09	292	eP	Pn	18 34 22.6	+0.3
TWA	baz=284				eS	18 34 37.8	-0.6
NWLT	Wulai	1.10	281	P	Pn	18 34 22.6	+0.2
NWLT	baz=285				S	18 34 38.1	-0.7
TWD	Chiawan	1.12	244	eP	Pn	18 34 22.2	-0.4
TWD	baz=235				eS	18 34 38.3	-0.7
NHHD	Xindian Distri	1.13	290	eP	Pn	18 34 22.9	+0.2
NHHD	baz=281				eS	18 34 38.8	-0.4
HATJ	Hateruma jima	1.14	117	eS	Pn	18 34 39.6	+0.2
HWA	Hwalien	1.16	239	eP	Pn	18 34 23.6	+0.5
HWA	baz=235				S	18 34 40.5	+0.6
ETLH	Xiulin Townshi	1.17	252	P	Pn	18 34 23.1	-0.2
ETLH	baz=249				S	18 34 39.5	-0.7
YM01	YM01	1.17	299	eP	Pn	18 34 23.4	+0.2
YM01	baz=289				eS	18 34 39.9	-0.2
TAP	Taipei	1.17	293	eP	Pn	18 34 23.3	+0.1
TAP	baz=292				eS	18 34 40.2	+0.1
NNS	Nan Shan	1.21	264	P	Pn	18 34 23.9	+0.1
NNS	baz=255				S	18 34 40.8	-0.4
NSK	Sanguang	1.22	275	P	Pn	18 34 24.2	+0.3
NSK	baz=267				S	18 34 40.9	-0.3
ANP	Anpu	1.23	300	eP	Pn	18 34 23.4	-0.5
ANP	baz=290				eS	18 34 41.0	-0.4
JKRS	Kuro-shima	1.25	106	P	Pn	18 34 24.5	+0.5
JKRS	baz=290				S	18 34 41.9	+0.3
TWS1	Kuangyinshan	1.27	294	eP	Pn	18 34 24.4	0.0
TWS1	baz=287				eS	18 34 42.1	0.0
NTST	Danshui	1.27	297	eP	Pn	18 34 24.8	+0.4
NTST	baz=289				eS	18 34 42.4	+0.3
JUJ	Ishigaki jima	1.34	99	P	Pn	18 34 25.2	+0.1
JUJ	baz=287				S	18 34 42.6	-0.9
FUSS	Fushou	1.36	256	eP	Pn	18 34 25.9	+0.2
FUSS	baz=250				eS	18 34 44.4	-0.1
WHF	Hehuan Shan	1.38	252	P	Pn	18 34 26.1	+0.1
WHF	baz=249				eS	18 34 44.5	-0.6
ESL	Shilin	1.38	237	eP	Pn	18 34 25.1	-0.6
ESL	baz=233				eS	18 34 43.5	-1.0
TWT	Tachien	1.42	257	eP	Pn	18 34 26.7	+0.3
TWT	baz=254				eS	18 34 45.8	+0.1
NCU	National Centr	1.43	286	eS	Pn	18 34 45.1	-0.3
NCU	baz=292				eP	18 34 26.5	+0.3
NCUH	Zhongli	1.43	286	eP	Pn	18 34 45.2	-0.2
NCUH	baz=292				eS	18 34 45.2	-0.2
TDCB	Techi	1.44	257	eP	Pn	18 34 27.2	+0.7
TDCB	baz=255				S	18 34 45.9	-0.1
JISG	Ishigakijimahi	1.47	89	P	Pn	18 34 26.9	+0.2
JISG	baz=276				S	18 34 45.5	-0.9
EGFH	Gaungfu	1.47	232	eP	Pn	18 34 26.6	-0.2
EGFH	baz=229				eS	18 34 45.4	-1.1
CHGB	Renai	1.48	250	P	Pn	18 34 27.4	+0.3
CHGB	baz=241				S	18 34 46.6	-0.4
OWD	Renai	1.52	246	P	Pn	18 34 27.7	+0.2
OWD	baz=238				eS	18 34 47.8	0.0
LI0B	Emei	1.53	273	eP	Pn	18 34 28.2	+0.7
LI0B	baz=271				eS	18 34 48.3	+0.6
NSTT	Nanjuang	1.54	272	P	Pn	18 34 28.0	+0.4
NSTT	baz=270				eS	18 34 47.9	-0.1
SBCB	Hsinchu	1.57	278	eP	Pn	18 34 28.2	+0.2
SBCB	baz=276				eS	18 34 49.0	+0.4
HSN	Hsinchu	1.59	278	eS	Pn	18 34 48.4	-0.5
HSN	baz=273				P	18 34 27.9	-0.4
HGSD	Ruisui	1.59	227	P	Pn	18 34 27.9	-0.4
HGSD	baz=223				eS	18 34 48.9	-0.1
WHP	Taichung City	1.62	260	eP	Pn	18 34 29.9	+1.2
WHP	baz=256				eS	18 34 50.5	+0.6
EHY	Hungye	1.65	230	P	Pn	18 34 28.4	-0.6
EHY	baz=226				eS	18 34 50.4	0.0
WCS	Beigang Elemen	1.71	253	eP	Pn	18 34 30.2	+0.5
WCS	baz=255				eS	18 34 52.2	+0.5
NMLH	Miaoli	1.73	269	eP	Pn	18 34 30.8	+0.8
NMLH	baz=274				eS	18 34 52.3	+0.1
YULB	Yu-li	1.74	228	P	Pn	18 34 29.5	-0.6
YULB	baz=231				eS	18 34 52.5	+0.1
EYUL	Yuli	1.76	226	eP	Pn	18 34 30.4	+0.1
EYUL	baz=230				eS	18 34 53.3	+0.5
TWQ1	Liyutan	1.77	263	eP	Pn	18 34 30.7	+0.2
TWQ1	baz=261				eS	18 34 54.3	+1.3
NSY	Sanyi	1.77	265	eS	Pn	18 34 52.6	-0.5
NSY	baz=263				P	18 34 30.8	+0.2
SSLB	Suanglung	1.78	244	P	Pn	18 34 30.8	+0.2

SSLB	baz=238	eS	Pn	18 34 53.1	-0.2		
SMLT	Sun Moon Lake	1.78	247	eP	Pn	18 34 31.7	+1.0
SMLT	baz=239				P	18 34 54.5	+1.1
TYC	Yuchr	1.81	249	eP	Pn	18 34 32.4	+1.4
TYC	baz=241				eS	18 34 54.1	+0.2
JTJ	Tarama	1.83	88	P	Pn	18 34 31.6	+0.4
JTJ	Fuli	1.88	223	eP	Pn	18 34 31.5	+0.6
FULB	FULB	1.88	223	eP	Pn	18 34 31.5	-0.4
FULB	baz=215				eS	18 34 55.8	+0.2
WDJ	Dajia District	1.89	263	eS	Pn	18 34 55.1	-0.6
WDJ	baz=251				P	18 34 32.2	+0.2
TCU	Taichung	1.89	257	eP	Pn	18 34 55.4	-0.4
TCU	baz=264				eS	18 34 55.4	-0.4
CHKT	Chengkung	1.91	220	eP	Pn	18 34 31.6	-0.7
CHKT	baz=212				eS	18 34 54.3	-2.0
YUS	Yi-Shan	1.93	236	P	Pn	18 34 33.3	+0.3
YUS	baz=229				eS	18 34 56.8	-0.6
WJS	Zhuanan	1.95	248	eP	Pn	18 34 34.0	+1.2
WJS	baz=239				eS	18 34 59.3	+2.1
WNT	Mingjian	1.96	250	eP	Pn	18 34 34.7	+1.8
WNT	baz=247				eS	18 34 58.9	+1.4
WCHH	Zhanghua	2.01	256	eP	Pn	18 34 34.0	+0.4
WCHH	baz=281				eS	18 34 58.3	-0.3
ALS	Alishan	2.03	239	eP	Pn	18 34 35.1	+1.0
ALS	baz=236				eS	18 35 00.8	+1.3
EDH	Donghe	2.05	219	eP	Pn	18 34 33.2	-0.8
EDH	baz=215				eS	18 34 57.3	-2.1
ELDTW	Lidau	2.07	228	eP	Pn	18 34 34.0	-0.5
ELDTW	baz=221				eS	18 34 59.1	-1.0
CHNS	Tsauling	2.09	242	eP	Pn	18 34 35.2	+0.6
CHNS	baz=233				eS	18 35 02.0	+1.5
WDLH	Douliu	2.16	246	eP	Pn	18 34 37.1	+1.6
WDLH	baz=254				eS	18 35 04.8	+2.7
LONT	Longtian	2.20	221	eP	Pn	18 34 35.4	-0.7
LONT	baz=218				eS	18 35 02.8	-0.2
LDUT	Ludao	2.21	211	eP	Pn	18 34 35.0	-1.1
LDUT	baz=205				eS	18 35 01.7	-1.3
WRL	Guollerin Hig	2.22	253	eS	Pn	18 35 03.2	-0.2
WRL	baz=250				eS	18 34 37.5	+0.9
STYH	Taoyuan	2.25	232	eP	Pn	18 34 37.5	+0.9
STYH	baz=228				eS	18 35 04.4	-0.3
TPUB	Ta-pu	2.28	236	eP	Pn	18 34 37.8	+0.7
TPUB	baz=233				eS	18 35 05.1	+0.2
CHN4	Tsushan	2.28	238	eP	Pn	18 34 36.8	-0.3
CHN4	baz=235				eS	18 35 04.8	0.0
WTK	Tuk	2.29	248	eS	Pn	18 35 04.9	-0.1
TWGBT	Beinan	2.30	221	eP	Pn	18 34 36.4	-0.9
TWGBT	baz=217				eS	18 35 03.9	-1.3
TWG	Pinlang	2.30	221	eP	Pn	18 34 36.3	-1.1
TWG	baz=217				eS	18 35 03.9	-1.3
WTP	Ta-pu	2.32	236	eP	Pn	18 34 38.4	+0.7
WTP	baz=232				eS	18 35 07.4	+1.5
CHY	Chiayi	2.34	243	eS	Pn	18 35 06.0	-0.2
CHY	baz=251				eS	18 34 39.6	+0.8
TWK	Hsiuying	2.41	238	eP	Pn	18 34 39.6	+0.8
TWK	baz=234				eS	18 35 09.7	+1.8
CHN1	Nanshi	2.42	235	eP	Pn	18 34 40.0	+1.1
CHN1	baz=232				eS	18 35 10.2	+2.0
SNST	Tainan City	2.42	237	eP	Pn	18 34 39.5	+0.5
SNST	baz=233				eS	18 35 09.9	+1.7
SGST	Jiashian	2.44	233	eP	Pn	18 34 39.6	+0.4
SGST	baz=238				eS	18 35 09.8	+1.1
WSF	Zshu	2.45	248	eS	Pn	18 35 10.1	+1.4
WSF	baz=253				P	18 34 40.9	+1.5
SLGT	Liugui	2.45	230	eP	Pn	18 34 40.9	+1.5
SLGT	baz=233				eS	18 35 11.2	+2.3
ECL	Taimali	2.54	219	eP	Pn	18 34 41.2	+0.7
ECL	baz=216				eS	18 35 10.1	-0.8
SSD	Sandimen	2.63	226	eP	Pn	18 34 43.1	+1.4
SSD	baz=223				eS	18 35 13.1	0.0
TSMG	Majia	2.65	226	eP	Pn	18 34 42.7	+0.8
TSMG	baz=222				eS	18 35 13.4	-0.1
TSMG	baz=222				eS	18 34 45.8	+2.9
MASBT	Mashibuluo	2.72	224	eP	Pn	18 34 43.8	+0.9
MASBT	baz=233				eS	18 35 15.4	+0.1
EAST	Anshuo	2.77	218	eP	Pn	18 34 43.5	0.0
EAST	baz=214				eS	18 35 15.8	-0.6
SCZT	Fangliang	2.91	221	eP	Pn	18 34 45.9	+0.5
SCZT	baz=228				eS	18 35 19.9	+0.2
SLIU	Shizi	2.93	217	eP	Pn	18 34 46.0	+0.4
SLIU	baz=216				eS	18 35 19.9	-0.3
PHUB	P'eng-hu	3.05	250	eS	Pn	18 35 21.6	-1.4
PHUB	baz=248				eS	18 34 50.4	+0.1
PTMZ	Houxiangcun	3.28	279	eP	Pn	18 34 50.4	+0.1
PTMZ	baz=277				eS	18 35 26.7	-1.8
KNMB	Chin-men Tao	3.92	269	eP	Pn	18 34 59.2	+0.2
KNMB	baz=268				eS	18 35 41.4	-2.7
AXDP	Jialang	4.31	275	eP	Pn	18 35 04.1	-0.1
AXDP	baz=274				eS	18 35 50.9	-2.4

IDC

10d 19h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM Songino Array, WMO Urumqi, MK31 Makanchi Array, etc.

IDC 10 18:55:46.70.27.94N-139.91E, h393km, 8km, mb3.3/11, m1 3.4/16, mb1mx3.2/49, mbtmp4.1/16, Error ellipse: s-maj=23.5km s-min=11.8km az=74.0

JMA 10 18:55:47.90.1.28.24N-140.62E, h422km, M3.9

NEIC 10 18:55:47.51.9.27.94N-140.0E, h1.401km, 10km, mb4.3/22, Error ellipse: s-maj=19.2km s-min=12.7km az=73.0

ISC 10 18:55:47.60.6.28.10N-106.04E, h400km, n74, c157/133, mb4.1/19, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CB1J Chichi jima, JCH2 Haha-jima-NKT2, JHMJ Hamamatsu 2, etc.

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Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WAX Waxell Ridge, ABKAR Akbulak array, EUNU Eureka, etc.

IDC 10 18:58:17.0.1.4.3.68S, 139.87E, h76km, 17km, mb3.6/6, m1 4.0/9, mb1mx3.6/30, mbtmp4.1/9, MS3.4/2, ms1 2.6/27/26, Error ellipse: s-maj=36.9km s-min=13.4km az=115.0

ISC 10 18:58:13.0.0.9.3.97S, 0.08x139.8E, h501km, n14, c235/14, mb3.6/5, Irian Jaya

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JAY Jayapura, SIJI Sorong, WRA Warramunga Arr, etc.

FUNV 10 19:06:41.7.8.54N, 71.33W, h2km, MW3.0

ISC 10 19:06:40.7.1.3.854N, 0.03x71.36W, 0.03, h10km, n10km, n25, c119/46, Venezuela

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOCV Socops, PAMC Pamplona, COCV Machiques, etc.

FUNV 10 19:12:54.8.8.51N, 71.33W, h2km, MW3.0

ISC 10 19:12:54.3.1.5.849N, 0.05x71.37W, 0.04, h9km, n12km, n7, c113/14, Venezuela

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOCV Socops, PAMC Pamplona, COCV Machiques, etc.

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IDC 10 19:13:37.4.0.9.37.09N-97.83W, h0km, mb3.9/3, mb1 3.9/6, mb1mx3.6/48, mbtmp3.6/6, ML3.9/3, Error ellipse: s-maj=15.8km s-min=13.0km az=142.0

TUL 10 19:13:38.2.1.3.36.94N, 0.01x97.82W, 0.02, h3km, 7km, ML3.5, mb_Lg3.2/79(NEIC), ML3.2/72(NEIC), Error ellipse: s-maj=2.6km s-min=0.5km az=137.0

NEIC 10 19:13:38.4.0.9.36.94N, 0.02x97.82W, 0.02, h6km, 6km, Error ellipse: s-maj=2.6km s-min=2.1km az=132.0

IASPEI 10 19:13:38.1.0.9.36.93N, 0.02x97.83W, 0.02, h10km, 6km, mb3.7/3, Error ellipse: s-maj=3.5km s-min=3.3km

az=139.1, GTS selection from ISC Bulletin GTS identified by Bondar and McLaughlin (2009) selection criteria Bondar and McLaughlin, A new ground truth data set for seismic studies, <-Seism. Res. Let. <-i>, 80, 465-472, 2009

NEIC 10 19:13:38.5.0.8.36.94N, 0.02x97.81W, 0.02, h6km, 6km, Error ellipse: s-maj=2.6km s-min=2.1km az=131.0

ANF 10 19:13:38.3.1.4.36.99N, 97.84W, h2km, 10km, ML4.3/10, Error ellipse: s-maj=4.1km s-min=2.7km az=76.0

ISC 10 19:13:38.2.0.8.36.93N, 0.02x97.83W, 0.02, h10km, 5km, n132, c180/5/142, mb3.7/3, Oklahoma

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GC02 Grant County #, KAN14 Manchester OK, KAN17 Caldwell West, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like P38A Dawn, P38A Dawn, K380 Kaye Shedlock, K380 Kaye Shedlock, K380 Kaye Shedlock, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAN09 South Haven SW, KAN13 South Haven SW, KAN10 Anthony SW Sta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAN09 South Haven SW, KAN13 South Haven SW, KAN10 Anthony SW Sta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, etc.

TUL 10 19:16:01.5s, 1.2, 36.945N, 0.010, -97.833W, 0.02, h5km, 5km, ML3.0, mb, Lg2, 8/21 (NEIC), Error ellipse: s-maj=2.0km s-min=1.4km az=89.0

NEIC 10 19:20:03.0, 1.2, 6:55N, 94.69E, h0km, mb4.1/9, mb1.4/2.11, mb1mx3.8/4.4, mbtmp4.0/11, ML3.6/2, MS3.2/7, Ms1.3/3.7, ms1mx3.0/3.5, Error ellipse: s-maj=51.7km s-min=15.4km az=57.0

IDC 10 19:23:57.8, 0.8, 8:45N, 71.44W, h0km, mb3.9/6, mb1.4/2.8, mb1mx3.9/29, mbtmp4.0/8, ML4.0/2, MS3.3/13, Ms1.3/3.1/3, ms1mx3.1/3.6, Error ellipse: s-maj=18.7km s-min=10.1km az=149.0

10d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PTGA, MDP, SAML, NNA, LPAZ, etc.

TUL 10 19:27:32.8.1.6.36.95N.0.01.97.82W.0.0.1.1km,6km, ML2.8, mb, Lg2.614(NEIC), Error ellipse: s-maj=1.8km s-min=1.4km az=127.0

NEIC 10 19:27:33.0.0.7.36.93N.0.01.97.81W.0.02.5,h5km,6km, Error ellipse: s-maj=2.5km s-min=1.6km az=112.0, Oklahoma

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Grant County #, Manchester OK, Caldwell West, etc.

ISC 10 19:38:14.2.2.1.31.07S.71.73W,h0km,mb3,6/2, mb1.3,9/6,mb1mx3,7/28,mbtrp3,7/6,ML3,8/4, Error ellipse: s-maj=49.5km s-min=43.8km az=168.0

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NEIC 10 19:38:22.5.2.7.30.88S.0.04.71.50W.0.0.07,h44km,2,4km, mb4.1/3,ML4.3(GUC), Error ellipse: s-maj=9.3km s-min=6.3km az=74.0

ISC 10 19:38:21.8.0.7.30.80S.0.03.71.54W.0.0.05,h47km,7km, n115,1989/119,mb3.9/3,Near coast of central Chile

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Fray Jorge, El Pedregal, Las Campanas, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VNA3, VNA1, VNA2, VNA2, TXAR, etc.

ISC 10 19:40:01.8.0.8.49.48N.84.66E,h0km,mb3,6/7, mb1.3,7/11,mb1mx3,6/45,mbtrp3,6/11,ML3,3/4,MS1.9/1, ms1.1/9,ms1mx1,8/36, Error ellipse: s-maj=11.4km s-min=9.4km az=57.0

NNC 10 19:40:04.7.0.8.49.46N.84.34E,h0km,mb4.3,mpv4.0, Error ellipse: s-maj=8.2km s-min=4.4km az=85.0

SOME 10 19:40:04.1.49.25N.84.23E,h15km, Error ellipse: s-maj=1.0km s-min=0.8km az=102.8, h0km,8km, n59,19/84/85,mb3.6/7,19C-8D,Eastern Kazakhstan

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Ust'-Kan, Zaisan, Zaisan, Zaisan, etc.

10d 20h

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like YURE, GEM, YAYL, TAVA, KZIL, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MOTA, FETA, DAVOX, BELG, DAVA, GEYT, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like PCBR, PVIS, EBAD, EMIN, etc.

Table with columns: MVOU, AML, AML, 20 42 56.4, etc. Lists various stations and their details.

Table with columns: comp=E,2.5nm,0.3s, etc. Lists stations like Jabal al Asfar, ASF, MATC, etc.

FUNUN 10 20:56:41.1, 8.47N x 71.33W, h2km, MWV3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SOCV, SOCV, Santo Domingo, etc.

BGR 10 20:58:42.0, 0.16'48S x 177.74W, h33km

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

Table with columns: THZ, Tophouse, 27.13 196, etc. Lists stations like THZ, WHZ, KHZ, etc.

Table with columns: BRSE, H04, SHPR, PINE, I05D, PRN, BNM, HOOD, R11A, R11A, WVOR, E04D, D03D, I07A, TUC, J08A, J08A, S08A, CCUT, SPR3, L20K, TTA, M22K, PMR, ELKO, B05A, G08A, CUT, BMRM, SCM, X18A, PNL, BMO, N25K, MFID, J20K, CTG, TRF, CHUM, F10A, RND, DPHY, BAW, MCK, MCK, HLID, HLID, HLID, M26K, M26K, YUK6, M27K, M27K, HYT, L26K, L26K, I21K, NEA2, BVCY, MLY, WRH, RIDG, NEW, DOT, HDA, CCB, L27K, BCI, WHY, I23K, TCOL, MDM, COLA, COLA, MNTX, MNTX, SCRK, SCRK, IL31, ILAR, J25K, POKR

Table with columns: ANMO, ANMO, TXAR, J26L, MSO, M30M, DLMT, PRP, PRP, TPAW, REDW, M31M, DAWY, DAWY, LOHW, S22A, EGAK, EGAK, FLWY, BOZ, BOZ, BW06, BW06, PD31, PDAR, H17A, H17A, HRY, SDCO, MAW, MMPY, I29M, TGTN, RLMT, RLMT, HHC, HHC, H33A, LAO, CMAR, RSSD, RSSD, INK, LZH, LZH, LZH, DGMT, YKA, SNA3, VNA3, VNA2, A36M, A36M, WWT, ARCES, FINES, ASSE, ASSE, KOLS, KOLS, CLLS, CLL, OSTC, CHVC, CFR, UPC, TPCR, DPC, TRPA, BMR, BRG, VRI, FBRE, BR13, BR13, LANS, LANS, MORC, MORC, MORC, DOPR, ISFC, MLR, MOX, PRU, WERD, TANN, UNBA, UNBA, VRAO, VRAO, VRAO, WERN, NKY, VYHS, JAVC

Table with columns: DRGR, VOIR, KRUC, MANZ, ARR, ROTZ, TNS, MODS, KHES, BGCS, WKRC, GEC2, GERES, GERES, GZR, WLF, WLF, CONA, BZS, MOA, PLVB, MORH, FUR, RJOB, BFO, SOKA, UBR, WATA, RETA, WTTA, MOTA, OBKA, SQTA, MYKA, DAVA, ABTA, FETA, STAL, TUE, TORD, TORD

PGC 10.21:00.11.1.0.3.48.05N:124.63W, h44km, ML2.6, ML2.0/22, 102km Wsw of Victoria, Bc Vancouver Island, Canada Region
PNSN 10.21:00.12.0.48.00N:124.63W, h38km, MD2.9. Fault plane solution: NPT:10.00000, 845.00000, lambda=0.00000
SEA 10.21:00.12.1.7.48.00N:0.03.124.63W:0.06. h38km, 4km, ML2.6/22 ML2.4/27(NEIC), Error ellipse: s-maj=6.2km s-min=3.8km az=69.0
NEIC 10.21:00.12.2.1.4.48.02N:0.01:124.65W:0.08. h34km, 8km, Error ellipse: s-maj=7.5km s-min=1.5km az=87.0
ISC 10.21:00.12.2.1.5.48.01N:0.03.124.71W:0.03. h35km, 1km, n112.0e91/146, Vancouver Island region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Sequim, Hoodport, Eldon, Port Alberni, etc.

IDC 10 21:13.49:4.1.8, 17.78Sx178.38W, h618km, 17km, mb3.1/8, mb1.3/4.9, mb1mx3.1/3.1, mbtrmp4.1/9, Error ellipse: s-maj=46.2km s-min=15.2km az=148.0

ISC 10 21:13.47:5.1.1, 17.9Sx178.3W, h102.2, h600km, n16, s=130/19, mb3.6/8, Fiji Islands region

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

IDC 10 21:24:52.5:1.0, 28.07N:130.27E, h0km, mb3.9/8, mb1.4/1.0, mb1mx3.8/4.5, mbmp4.0/1.0, ML4.1/2, Error ellipse: s-maj=26.9km s-min=19.1km az=71.0

NIED 10 21:24:55.7:27.95N:130.27E, h46km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^15 Nm; Mn=0.30; Mw=0.80; Ms=1.10; Mo=0.44; Ms=0.33; Mr=0.16; Fault plane solution: Mo1.14000x10^15 NP1; o2=231.00000, s77.00000, l=28.00000; NP2; o3=328.00000, s63.00000, l=16.00000

NEIC 10 21:24:54.5:1.6, 27.97N:0.05:130.0:18E:0.06, h18km, 5km, mb4.3/8, Error ellipse: s-maj=7.6km s-min=6.7km

JMA 10 21:24:55.6:0.1, 27.95N:130.27E, h46km, 1km, M3.9 JMA Feil II J1.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kikaiishima, Amami Oshima, Amaminishikomi, Tokunoshima, etc.

NNC 10 21:26:47.7:0.2, 43.18N:78.33E, h0km, mb2.7, mpv2.6, Error ellipse: s-maj=2.7km s-min=1.2km az=5.0

KRNET 10 21:26:48.1:0.1, 43.17N:78.31E, h16km, mb2.5 SOME 10 21:26:48.4, 43.15N:78.28E, h5km

ISC 10 21:26:48.1:0.9, 43.17N:78.31E:0.02, h5km, 9km, n39, o=61/95, 8C-9D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SATY, KRBS, TKM2, etc.

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

BOOM 10 21:26:47.7:0.2, 43.18N:78.33E, h0km, mb2.7, mpv2.6, Error ellipse: s-maj=2.7km s-min=1.2km az=5.0

KRNET 10 21:26:48.1:0.1, 43.17N:78.31E, h16km, mb2.5 SOME 10 21:26:48.4, 43.15N:78.28E, h5km

ISC 10 21:26:48.1:0.9, 43.17N:78.31E:0.02, h5km, 9km, n39, o=61/95, 8C-9D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOOM, KRBS, TKM2, etc.

NOU 10 21:32:26.4, 20.24S:168.51E, h0km, MLV3.7/5, Loyalty Islands, Loyalty Islands

IDC 10 21:52:40.6:1.1, 51.43N:175.10W, h0km, mb3.7/5, mb1.3/9.6, mb1mx3.6/44, mbtmp3.6/6, ML3.7/1, MS3.0/4, Ms1.3/1.4, ms1mx2.6/44, Error ellipse: s-maj=40.3km s-min=25.3km az=159.0

NEIC 10 21:52:44.1:1.0, 51.34N:0.10:175.07W:0.07, h22km, 16km, Error ellipse: s-maj=15.4km s-min=3.9km az=158.0

AEIC 10 21:52:45.0:1.0, 51.37N:0.10:175.06W:0.07, h27km, 8km, ML3.2, Error ellipse: s-maj=14.2km s-min=6.5km az=173.0

ISC 10 21:52:42.0:0.9, 51.27N:0.09:175.02W:0.05, h10km, n33, r19.203, mb3.7/5, MSZ 3/3, Andrewof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations including Great Sitkin, Korovin Flat, Unalaska Valle, etc.

IDC 10 21:59:21.6:3.8, 27.00N:52.66E, h0km, mb3.8/3, mb1.3/8.3, mb1mx3.3/38, mbtmp3.8/3, Error ellipse: s-maj=96.7km s-min=36.5km az=144.0

OMAN 10 21:59:27.4:1.1, 26.78N:52.85E, h10km, mb4.7/3, ml3.1/9, NMAN Error ellipse: s-maj=10.0km s-min=6.5km az=79.0

ISC 10 21:59:23.3:1.0, 27.03N:0.07:52.75E:0.06, h10km, n27, r121/43, mb3.7/5, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations including Turayna, Ashush, Banah, etc.

IDC 10 22:09:35.0:1.7, 19.11S:169.57E, h0km, mb3.6/2, mb1.3/8.4, mb1mx3.6/27, mbtmp3.6/4, ML4.6/1, MS3.1/4, Ms1.3/1.4, ms1mx2.8/24, Error ellipse: s-maj=76.7km s-min=28.8km az=161.0

NOU 10 22:09:43.1, 19.82S:169.26E, h0km, MLv4.0/10, Vanuatu Islands

ISC 10 22:09:36.9:2.2, 19.80S:0.09:169.8E:0.2, h10km, n18, r19.12/16, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations including Rentapao, Devils Point, Mare, Loyalty, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM, NOUC, ONTNC, MSVF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AFU, URZ, STKA, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KNET, NINC, SOME, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ULHL, KRBS, KRBS, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CTAO, STKA, STKA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AS31, AS31, AS31, etc.

IDC 10 22:43:27.6:2.6, 41.61N:143.89E, h0km, mb3.7/6, mb1.3/7.7, mb1mx3.5/52, mbtmp3.6/7, ML2.6/1, MS3.2/3, Ms1.3/2.3, ms1mx2.5/47, Error ellipse: s-maj=57.9km s-min=32.3km az=146.0

NIED 10 22:43:30.7, 41.53N:143.95E, h47km, MW3.8, Moment Tensor solution: s3 Moment tensor: Scale 10^14Nm; Mns:3.84, Mbd:0.25, Mbd:4.09, Mm:1.54, Mm:3.39, Mm:1.00; N1:1.55, N2:1.55, N3:1.55, N4:1.55, N5:1.55, N6:1.55, N7:1.55, N8:1.55, N9:1.55, N10:1.55, N11:1.55, N12:1.55, N13:1.55, N14:1.55, N15:1.55, N16:1.55, N17:1.55, N18:1.55, N19:1.55, N20:1.55, N21:1.55, N22:1.55, N23:1.55, N24:1.55, N25:1.55, N26:1.55, N27:1.55, N28:1.55, N29:1.55, N30:1.55, N31:1.55, N32:1.55, N33:1.55, N34:1.55, N35:1.55, N36:1.55, N37:1.55, N38:1.55, N39:1.55, N40:1.55, N41:1.55, N42:1.55, N43:1.55, N44:1.55, N45:1.55, N46:1.55, N47:1.55, N48:1.55, N49:1.55, N50:1.55, N51:1.55, N52:1.55, N53:1.55, N54:1.55, N55:1.55, N56:1.55, N57:1.55, N58:1.55, N59:1.55, N60:1.55, N61:1.55, N62:1.55, N63:1.55, N64:1.55, N65:1.55, N66:1.55, N67:1.55, N68:1.55, N69:1.55, N70:1.55, N71:1.55, N72:1.55, N73:1.55, N74:1.55, N75:1.55, N76:1.55, N77:1.55, N78:1.55, N79:1.55, N80:1.55, N81:1.55, N82:1.55, N83:1.55, N84:1.55, N85:1.55, N86:1.55, N87:1.55, N88:1.55, N89:1.55, N90:1.55, N91:1.55, N92:1.55, N93:1.55, N94:1.55, N95:1.55, N96:1.55, N97:1.55, N98:1.55, N99:1.55, N100:1.55

JMA 10 22:43:30.7:0.3, 41.53N:143.95E, h47km, 3km, M3.5

ISC 10 22:43:31.0:1.1, 41.55N:0.07:143.95E:0.08, h27km, n23, r0566/20, mb3.4/6, 2C, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JEM, JTHR, JTHR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like IMRD Marand, IMRD Marand, DRK Karayam, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MT01 Popeta, LME1 Las Melosas, B004 Punta, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like VA03 San Esteban, VA03 Sierra Blanca, VA03 San Esteban, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PINNC Pines Island, SSE Sheshan, TJN Tjeon, SBUM Sibiu, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BBOO Buckleboo, Yuzh-Sakhalins, TIA Tai'an, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TYV comp=Z,87nm,1.3s, MDSI Maura Dua, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KOWA, TWB1, NTC, etc.

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

IDC 11 00:47:48.5:1.5, 27.04N:52.69E, h0km, mb4.1/4, mb1 4.0/6, mb1mx3/6.40, mbtmp4.0/6, ML3.3/2, Error ellipse: s-maj=32.0km s-min=28.5km az=10.0

JMA 11 00:58:05.0:5.1, 23.92N:122.50E, h0km, M2.4 TAP 11 00:58:05.0:5.1, 24.83N:122.32E, h13km, ML2.9, C

TUL 11 01:25:08.1:1.4, 36.88N:0.01:97.44W:0.01, h1km, 7km, ML2.5, mb_Lg2.3/8(NEIC), Error ellipse: s-maj=1.8km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LMD1, LAR1, JHRM, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAN13, BLOK, KAN09, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ENT1, ENT2, ENT3, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAN01, KAN02, KAN03, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAN04, KAN05, KAN06, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YUL, ALS, CHN5, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAN07, KAN08, KAN09, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DMT0, ABTO, GURO, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAN10, KAN11, KAN12, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KK31, KKAR, ABKAR, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAN13, BLOK, KAN09, etc.

IDC 11 01:01:34.0:3.0, 6.13S:146.83E, h85km, 21km, mb3.6/5, mb1 3.9/9, mb1mx3/5.45, mbtmp4.1/9, Error ellipse: s-maj=15.3km s-min=17.3km az=6.0

IDC 11 01:01:32.5:1.6, 6.05S:146.82E, h0km, n22, s156/22, mb3.9/5, Eastern New Guinea region

IDC 11 01:39:02.8:0.7, 37.05N:97.85W, h0km, mb4.0/5, mb1 4.2/10, mb1mx3.9/5, mbtmp4.0/10, ML4.1/4, Error ellipse: s-maj=11.7km s-min=9.9km az=142.0

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like RLMT Red Lodge, EYMN Ely, Q52A Bidwell, etc.

ANF 11 01:46:50.4, 1.0, 36.94N, 97.79W, h1km, 6km, ML3.2/9, Error ellipse: s-maj=4.9km, s-min=3.1km, az=81.0, NEIC 11 01:46:50.6, 1.2, 36.94N, 0.03:97.79W, 0.05, h4km, 1km, Error ellipse: s-maj=7.3km, s-min=2.5km, az=54.0, TUL 11 01:46:50.1, 0.8, 36.95N, 0.04:97.81W, 0.05, h1km, 7km, ML3.0, mb, Lg2, 6/18(NEIC), Error ellipse: s-maj=6.8km, s-min=2.3km, az=46.0, ISC 11 01:46:50.0, 0.9, 36.94N, 0.02:97.81W, 0.02, h6km, 7km, n65, 0971/68, Oklahoma

Main station list table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like GC02 Grant County #, KAN17 Caldwell West, KAN17 Manchester OK, etc.

IDC 11 01:53:01.6, 1.6, 32.40N, 104.70E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.4/6m, mbmt3.6/5, ML3.5/1, Error ellipse: s-maj=95.7km, s-min=27.7km, az=60.0, Sichuan

4.9nm, 1.0s, baz=90, slow=9.0, SNR=2.1 WRA Warramunga Arr 59.28 147 P P 02 03 05.1 0.0 0.5nm, 0.9s, baz=340, slow=7.3, SNR=2.9

GUC 11 01:54:36.8, 0.6, 29.46S, 72.12W, h33km, 6km, MW6.9 NEIC 11 01:54:36.4, 29.43S, 72.16W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr: 1.15; Mw: 0.10; Ms: -1.25; M0: 0.54; Mb: -0.24; Mv: -0.46; Fault plane solution: M1.42000x10^19 NP1:phi=31.33000; 641.14000; lambda.126.92000; NP2:phi=166.40000; delta.26000; lambda.62.31000; Principal axes: T 1.4761, Plg65.0000; Azm26.0000; N -1.1255, Plg3.0000; Azm182.0000; P -1.3506, Plg0.0000; Azm276.0000; IDC 11 01:54:37.0, 0.3, 29.47S, 71.74W, h0km, mb5.2/28, mb1 5.2/33, mb1mx5.2/42, mbmt5.2/33, ML 4.8/5, MS6.6/32, Ms1 6.6/32, ms1mx5.3/35 Error ellipse: s-maj=15.2km s-min=9.3km, az=76.0, SJA 11 01:54:37.0, 0.6, 29.32S, 72.23W, h23km, 9km, MW6.9(GUC) NEIC 11 01:54:38.2, 2.2, 29.51S, 0.04:72.01W, 0.05, h12km, 1km, Mw6.1/483, Ms 20.6/7385, Mw6.7/52, Mwvc/0.77, Mwvc/6.9, Mw6.8(GCMT), Mw6.9(GUC), Error ellipse: s-maj=7.5km s-min=5.7km, az=228.0, VAO 11 01:54:38.5, 0.2, 29.42S, 71.79W, h10km, mb5.8, BUJ 11 01:54:38.0, 0.2, 29.35S, 71.80W, h10km, mb6.6/45, Ms6.9/91, Ms7 6.9/84, MOS 11 01:54:40.8, 1.2, 29.45S, 71.86W, h28km, mb6.1/48, Ms6.6/32, Error ellipse: s-maj=9.8km s-min=6.3km az=89.1, GCMT 11 01:54:47.6, 0.1, 29.47S, 72.18W, h12km, MW6.8/163, Moment Tensor Solution. s163.c431; s162.c785; Duration: 6s1 Moment tensor: Scale 10^19Nm; Mr: 1.34; 0.1; Mw: 0.1; 0.1; Ms: -1.35; 0.1; M0: 0.4; 0.1; Mw: -0.1; 0.1; Mb: -1.37; 0.3; Best double couple: M1.92000x10^19 NP1:phi=2.00000; delta.220000; lambda.93.00000; NP2:phi=179.00000; delta.880000; lambda.89.00000; Principal axes: T 1.9160, Plg67.0000; Azm87.0000; N 0.0070, Plg1.0000; Azm179.0000; P -1.9250, Plg23.0000; Azm270.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function. NEIC 11 01:54:47.29, 53S, 72.22W, h12km, Moment Tensor Solution. Duration: 12s4 Moment tensor: Scale 10^19Nm; Mr: 1.31; Mw: 0.01; Ms: -1.32; Mw: 0.08; Mb: -0.06; Mr: 1.60; Fault plane solution: M2.07000x10^19 NP1:phi=6.00000; delta.020.00000; lambda.98.00000; NP2:phi=178.00000; delta.70.00000; lambda.87.00000; Principal axes: T 2.0703, Plg65.0000; Azm84.0000; N 0.0059, Plg3.0000; Azm179.0000; P -2.0762, Plg25.0000; Azm271.0000; NEIC 11 01:54:50.2, 29.49S, 72.09W, h12km, Moment Tensor Solution. Duration: 26s0 Moment tensor: Scale 10^19Nm; Mr: 1.48; Mw: 0.07; Ms: -1.55; Mw: 0.23; Mb: -0.06; Mr: 2.81; Fault plane solution: M3.20000x10^19 NP1:phi=9.00000; delta.14.00000; lambda.102.00000; NP2:phi=176.00000; delta.876.00000; lambda.87.00000; Principal axes: T 3.1728, Plg59.0000; Azm82.0000; N 0.0537, Plg3.0000; Azm177.0000; P -3.2264, Plg31.0000; Azm269.0000; NEIC 11 01:55:02.7, 29.43S, 71.13W, h20km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr: 1.66; Mw: 0.20; Ms: -1.47; Mw: 0.43; Mb: -0.06; Mr: 3.20; Fault plane solution: M3.59000x10^19 NP1:phi=173.51000; delta.777.16000; lambda.86.68000; NP2:phi=8.12000; delta.13.25000; lambda.104.24000; Principal axes: T 3.7012, Plg58.0000; Azm79.0000; N -0.2237, Plg3.0000; Azm174.0000; P 3.4755, Plg32.0000; Azm266.0000; ISC 11 01:54:37.3, 0.3, 29.48S, 0.02:71.94W, 0.03, h4km, 1km, h4km, p-P, P1666, 0217/1598, mb6.1/321, MS6.7/285, 270C-66D, Fault plane solution: NP1:phi=153.74945; delta.872.24048; lambda.31.40307; NP2:phi=53.20127; delta.860.24947; lambda.159.43132; Principal axes: T Plg34.5112; Azm176.6591; N Plg54.3752; Azm180.2983; P Plg7.7702; Azm281.2757; Fault plane solution: NP1:phi=165.47740; delta.850.49833; delta.92.60706; NP2: phi=341.38306; delta.839.57356; delta.86.84187; Principal axes: T Plg84.1737; Azm93.9495; N Plg2.0113; Azm343.8184; P Plg5.4658; Azm293.6255; Near coast of central Chile

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like PEL Peldehue, MT02 Curacav, MT02 Curacav, etc.

Main station list table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like CO05 La Serena, CO05 La Serena, CO05 La Serena, etc.

Main station list table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like PEL Peldehue, MT02 Curacav, MT02 Curacav, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PET01, PDRB, BB19B, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SOCV, SMLC, NBPS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VNA3, VNA3, VNA1, etc.

V52A	Sevierville	65.90 350	I	Amb	I	Amb	02 05 52.7
PLAL	Pickwick Lake	65.90 346	I	Amb	I	Amb	02 05 48.1
WLAR	White Oak Lake	65.94 341	P	P	P	02 05 25.1 +0.6	
V51A	Loudon	65.98 349	I	Amb	I	Amb	02 05 52.8
Z38A	ML Pleasant	66.11 339	P	P	P	02 05 26.6 +1.0	
U54A	Nelsons Comp	66.31 351	I	Amb	I	Amb	02 05 55.5
T57A	Hurt	66.48 354	I	Amb	I	Amb	02 05 49.6
TZTN	Tazewell	66.58 350	P	S	S	02 05 28.2 -0.3	
TZTN	Tazewell	66.58 350	I	Amb	I	Amb	02 05 52.7
CLTN	Cedars of Leba	66.61 347	P	P	P	02 05 28.4 -0.3	
X40A	Basin Creek Fa	66.62 341	S	S	S	02 05 29.7 +0.9	
TAOE	Nuku Hiva Isla	66.75 273	eS	S	S	02 14 23.2 -0.2	
BLA	Blacksburg	66.82 353	P	P	P	02 05 30.2 +0.1	
BLA	Blacksburg	66.82 353	I	Amb	I	Amb	02 05 46.6
MIAR	Mount Ida	66.88 341	P	S	S	02 05 30.8 +0.4	
MIAR	Mount Ida	66.88 341	I	Amb	I	Amb	02 05 30.7 +0.2
MIAR	Mount Ida	66.88 341	I	Amb	I	Amb	02 05 47.8
U49A	Red Boiling Sp	66.92 348	I	Amb	I	Amb	02 06 03.8
WVT	Waverly	66.95 346	P	P	P	02 05 29.7 -1.2	
WVT	Waverly	66.95 346	P	P	P	02 05 30.6 -0.2	
WVT	Waverly	66.95 346	I	Amb	I	Amb	02 05 30.4 -0.4
WVT	Waverly	66.95 346	I	Amb	I	Amb	02 05 29.7 -1.2
W41B	Gary Mavity, Y	67.10 342	P	S	S	02 05 32.3 +0.4	
W41B	Gary Mavity, Y	67.10 342	S	S	S	02 14 26.1 -0.4	
ABTX	Abilene, Hawle	67.12 335	P	P	P	02 05 33.0 +0.9	
ABTX	Abilene, Hawle	67.12 335	S	S	S	02 14 27.4 +0.4	
WHAR	Woolly Hollow	67.22 342	I	Amb	I	Amb	02 05 55.7
T50A	Nancy	67.25 349	I	Amb	I	Amb	02 05 49.4
R58B	Mineral	67.32 355	P	P	P	02 05 34.2 +1.0	
S54A	Dingess, Beckl	67.50 352	I	Amb	I	Amb	02 05 55.5
SBA	Scott Base	67.51 191	P	P	P	02 05 34.3 +0.3	
SBA	Scott Base	67.51 191	I	Amb	I	Amb	02 05 50.9
CBN	Corbin Frederi	67.53 355	P	S	S	02 05 35.1 +0.7	
CBN	Corbin Frederi	67.53 355	S	S	S	02 14 33.5 +2.0	
CBN	Corbin Frederi	67.53 355	I	Amb	I	Amb	02 06 26.1
CBN	Corbin Frederi	67.53 355	I	Amb	I	Amb	02 38 19.9
W39A	Magazine	67.55 341	P	S	S	02 05 35.6 +0.9	
W39A	Magazine	67.55 341	S	S	S	02 14 31.9 0.0	
S51A	Beattyville	67.66 350	P	P	P	02 05 34.0 -1.3	
LCAR	Lake Charles	67.66 343	I	Amb	I	Amb	02 05 57.0
FCAR	Ozark Folk Cen	67.74 342	I	Amb	I	Amb	02 05 58.8
T45A	Paducah	67.98 346	P	P	P	02 05 36.9 -0.5	
G61A	Milford	68.08 357	S	S	S	02 14 41.4 +3.3	
R53A	Hurricane	68.11 352	I	Amb	I	Amb	02 05 59.4
PBMO	Poplar Bluff	68.16 344	I	Amb	I	Amb	02 05 51.8
X34A	Smith Ranch, 1	68.27 337	I	Amb	I	Amb	02 05 53.2
U40A	Yellville	68.38 342	P	S	S	02 05 40.2 +0.2	
U40A	Yellville	68.38 342	S	S	S	02 15 40.9 -0.9	
U40A	Yellville	68.38 342	I	Amb	I	Amb	02 06 01.8
R56A	Paris	68.40 350	P	P	P	02 05 39.2 -0.8	
Q50A	Snyder Ridge	68.50 354	I	Amb	I	Amb	02 06 05.9
TBI	Tubuau	68.52 255	eT	T	T	03 20 02.6	
VNDA	Vanda	68.54 191	P	P	P	02 05 41.8 +1.3	
VNDA	Vanda	68.54 191	S	S	S	02 33 54.4	
VNDA	Vanda	68.54 191	P	P	P	02 05 41.1 +0.6	
VNDA	Vanda	68.54 191	I	Amb	I	Amb	02 05 57.5
R49A	Shelbyville	68.55 349	I	Amb	I	Amb	02 05 52.5
T42A	Van Buren	68.56 344	I	Amb	I	Amb	02 05 52.5
HHAR	Hobbs	68.61 341	I	Amb	I	Amb	02 06 05.2
MNTX	Cornudas Mount	68.64 330	P	P	P	02 05 41.8 0.0	
MNTX	Cornudas Mount	68.64 330	S	S	S	02 14 47.9 +2.6	
MNTX	Cornudas Mount	68.64 330	P	P	P	02 05 41.0 -0.7	
MNTX	Cornudas Mount	68.64 330	P	P	P	02 05 42.5 +0.4	
WCI	Wyandotte Cave	68.68 348	P	P	P	02 05 40.5 -1.3	
WCI	Wyandotte Cave	68.68 348	S	S	S	02 14 43.3 -2.1	
WCI	Wyandotte Cave	68.68 348	I	Amb	I	Amb	02 05 41.1 -0.6
WCI	Wyandotte Cave	68.68 348	I	Amb	I	Amb	02 05 40.3 -1.3
WMOK	Wichita Mounta	68.72 336	P	P	P	02 05 42.4 +0.3	
WMOK	Wichita Mounta	68.72 336	S	S	S	02 14 45.5 -0.5	
WMOK	Wichita Mounta	68.72 336	I	Amb	I	Amb	02 05 42.0 -0.1
WMOK	Wichita Mounta	68.72 336	I	Amb	I	Amb	02 06 05.4
FNO	Franklin	68.72 338	I	Amb	I	Amb	02 06 30.7
Q52A	Bidwell	68.77 351	I	Amb	I	Amb	02 06 03.4
TUL1	Leonard	68.81 339	P	S	S	02 05 44.8 +0.2	
TUL1	Leonard	68.81 339	S	S	S	02 15 42.9 -2.1	
TUL1	Leonard	68.81 339	I	Amb	I	Amb	02 05 57.3
P57A	Homestead Farm	68.84 355	P	P	P	02 05 43.6 +0.9	
OKCA	Oklahoma City	68.88 338	I	Amb	I	Amb	02 06 06.8
U38A	Gravette	68.88 341	I	Amb	I	Amb	02 06 05.1

MGMO	Mountain Grove	68.97 343	I	Amb	I	Amb	02 05 57.1
Q51A	Peebles	68.98 351	I	Amb	I	Amb	02 06 04.8
P60A	Greenlee	69.02 357	P	P	P	02 05 44.6 +0.8	
P60A	Greenlee	69.02 357	S	S	S	02 14 52.3 +3.0	
P60A	Greenlee	69.02 357	I	Amb	I	Amb	02 06 06.2
OK030	Cody Creek RV	69.14 339	I	Amb	I	Amb	02 05 59.9
WUPA	West Chester U	69.14 357	I	Amb	I	Amb	02 06 07.0
BCOK	Bluff Creek, N	69.16 338	I	Amb	I	Amb	02 06 08.5
OK031	S. Brethren Rd	69.18 339	I	Amb	I	Amb	02 06 00.2
P53A	Whipple	69.18 352	I	Amb	I	Amb	02 06 06.3
MCWV	Mont Chateau	69.18 353	P	P	P	02 05 45.2 +0.4	
MCWV	Mont Chateau	69.18 353	S	S	S	02 14 51.9 +0.7	
MCWV	Mont Chateau	69.18 353	I	Amb	I	Amb	02 06 36.4
MCWV	Mont Chateau	69.18 353	I	Amb	I	Amb	02 09 26.6
OK029	Liberty Lake	69.23 338	I	Amb	I	Amb	02 06 02.9
QUOK	Quay	69.33 339	I	Amb	I	Amb	02 06 09.7
P51A	Williamsport	69.39 351	I	Amb	I	Amb	02 05 59.6
P52A	Corning	69.41 352	P	S	S	02 05 45.9 -0.4	
P52A	Corning	69.41 352	S	S	S	02 14 50.9 -3.0	
P52A	Corning	69.41 352	I	Amb	I	Amb	02 06 14.8
MSTX	Muleshoe	69.52 333	P	P	P	02 05 47.6 +0.4	
MSTX	Muleshoe	69.52 333	S	S	S	02 14 56.1 +0.4	
MSTX	Muleshoe	69.52 333	I	Amb	I	Amb	02 05 46.8 -0.3
CCM	Cathedral Cave	69.57 344	P	P	P	02 05 47.1 -0.2	
CCM	Cathedral Cave	69.57 344	P	P	P	02 05 47.5 +0.2	
CCM	Cathedral Cave	69.57 344	I	Amb	I	Amb	02 05 47.1 -0.2
CCM	Cathedral Cave	69.57 344	I	Amb	I	Amb	02 06 00.8
BLO	Bloomington	69.64 348	I	Amb	I	Amb	02 06 01.6
O56A	Blue Knob Stat	69.67 355	P	P	P	02 05 48.6 +0.8	
O56A	Blue Knob Stat	69.67 355	S	S	S	02 14 57.3 +0.2	
O56A	Blue Knob Stat	69.67 355	I	Amb	I	Amb	02 06 39.9
O56A	Blue Knob Stat	69.67 355	I	Amb	I	Amb	02 39 20.6
P49A	Miami Univ. Ec	69.69 349	P	S	S	02 05 47.3 -0.7	
P49A	Miami Univ. Ec	69.69 349	S	S	S	02 14 53.6 -3.6	
P49A	Miami Univ. Ec	69.69 349	I	Amb	I	Amb	02 06 11.7
P48A	Milroy	69.73 349	I	Amb	I	Amb	02 06 09.1
S39A	Bolivar	69.76 342	I	Amb	I	Amb	02 06 12.3
O52A	Adamsville	69.85 352	I	Amb	I	Amb	02 06 01.8
Q44A	Meyer Farm, Va	69.87 346	I	Amb	I	Amb	02 06 06.2
AMTX	Amarillo	69.90 334	P	P	P	02 05 50.1 +0.6	
AMTX	Amarillo	69.90 334	S	S	S	02 14 59.5 -0.6	
AMTX	Amarillo	69.90 334	I	Amb	I	Amb	02 06 05.5
O53A	New Philadelph	69.91 352	P	S	S	02 05 49.1 -0.2	
O53A	New Philadelph	69.91 352	S	S	S	02 14 57.0 -2.7	
O53A	New Philadelph	69.91 352	I	Amb	I	Amb	02 06 13.6
O53A	New Philadelph	69.91 352	I	Amb	I	Amb	02 39 37.9
T35A	Sooner Cattle	69.96 339	I	Amb	I	Amb	02 06 37.9
SSPA	Standing Stone	69.98 355	P	P	P	02 05 50.5 +0.8	
SSPA	Standing Stone	69.98 355	S	S	S	02 15 01.6 +1.0	
SSPA	Standing Stone	69.98 355	I	Amb	I	Amb	02 05 50.2 +0.5
SSPA	Standing Stone	69.98 355	I	Amb	I	Amb	02 05 49.3 -0.5
SYO	Syowa Base	70.04 159	eP	P	P	02 05 48.0 -1.8	
SYO	Syowa Base	70.04 159	pP	P	P	02 05 50.2 +0.2	
SYO	Syowa Base	70.04 159	sP	P	P	02 05 52.6 +2.5	
BLOK	Blackwell	70.04 339	I	Amb	I	Amb	02 06 06.0
CROK	Carrier	70.05 338	I	Amb	I	Amb	02 06 14.2
N58A	Sutton	70.11 356	I	Amb	I	Amb	02 06 04.6
ACSO	Alum Creek Sta	70.11 351	P	S	S	02 05 50.5 -0.1	
ACSO	Alum Creek Sta	70.11 351	I	Amb	I	Amb	02 06 19.3
N59A	State Game Lan	70.13 357	P	P	P	02 05 52.0 +1.3	
N59A	State Game Lan	70.13 357	S	S	S	02 15 04.6 +2.1	
PAL	Palisades	70.16 358	P	P	P	02 05 51.4 +0.6	
PAL	Palisades	70.16 358	S	S	S	02 15 05.0 +2.5	
P46A	Rosedale	70.20 348	I	Amb	I	Amb	02 06 12.6
ODNJ	Ogdensburg	70.25 358	I	Amb	I	Amb	02 06 05.5
O49A	Covington	70.27 350	P	P	P	02 05 50.5 -1.0	
O49A	Covington	70.27 350	I	Amb	I	Amb	02 06 04.2
U32A	Winter Ranch	70.28 337	I	Amb	I	Amb	02 06 07.6
TRNY	Table Rock, Ra	70.30 358	I	Amb	I	Amb	02 06 05.8
WSPPT	Westport, CT	70.31 359	I	Amb	I	Amb	02 06 05.8
VAH	Vaihoa	70.37 263	eP	P	P	02 05 55.5 +2.7	
OK032	Salt Plains WL	70.40 338	I	Amb	I	Amb	02 06 16.6
N53A	Lisbon	70.42 353	I	Amb	I	Amb	02 06 08.0
121A	Cookes Peak, D	70.43 328	P	S	S	02	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like JBK, PCBR, CBAR, EMAL, KRI, KRI, AFI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BORG, LMR, LMR, VOI, NEWG, P33M, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TGL, MOTA, MOTA, SUCK, BVCY, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=2.6, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=2.6, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=2.6, etc.).

Table with columns for name, comp, value, and status. Includes entries like KIV Kislovodsk, KVAR Kislovodsk Arr, KBZ Khabaz, etc.

Table with columns for name, comp, value, and status. Includes entries like GEYT Alibeck, MA2 Magadan, NRIK Noril'sk, etc.

Table with columns for name, comp, value, and status. Includes entries like AAK Ala-Archa, NIL Nilore, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase, ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, JSC Jenkinsville, TXAR Lajitas Array, etc.

SJA 11 02:14:36.6-0.8,29:40S:72:50W,h38km,6km,ML4.7,MW4.6

IDC 11 02:14:38.7-0.8,29:52S:71:89W,h0km,mb4.3/6,mb1.4.5/11,mb1mx4.2/35,mbtmp4.3/11,ML4.0/5,Error ellipse: s-maj=27.3km s-min=18.7km az=104.0

NEIC 11 02:14:39.6-2.8,29:50S:0:04:72:06W,0.06,h10km,1km,mb4.8/21,Error ellipse: s-maj=8.4km s-min=5.9km az=255.0

ISC 11 02:14:37.8-1.0,29:45S:0:02:72:13W,0.05,h4km,6km,n117,e1569/161,mb4.7/14,Off coast of central Chile

Table with columns: Code, Station Name, Az, Alt, Op, Phase, ID, Time, Res, ISC. Includes stations like CO05 La Serena, CO06 Fray Jorge, CO07 Copiap, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase, ID, Time, Res, ISC. Includes stations like MT01 CERRRO LA CRUZ, AAGR Agrelo, PB01 Tunca, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase, ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Makanchi Array, etc.

11d 2h

Table with columns: LVC, Limon Verde, 7.44, 23, P, Pn, 02 48 06.0 -3.1, etc. Lists various locations and their associated data points.

2015 NOV

Table with columns: MCO1, Montes Claros, 28.74, 70, eP, P, 02 52 16.6 -1.4, etc. Lists various locations and their associated data points.

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Table with columns: TGUH, Tegucigalpa,Un, 45.75, 339, eP, P, 02 54 42.3 -0.3, etc. Lists various locations and their associated data points.

CCAR	Cane Creek	65.80	342	I	Amb	I	Amb	02 57 28.8
TXAR	Lajitas Array	65.85	330	P	P	P	P	02 57 06.5 +0.4
TXAR	comp-Z,14nm,0.9s,baz=154,slow=5.5,SNR=82					LR		03 23 00.3
TXAR	comp=Z,11um,18.2s,baz=0.0,slow=33							03 25 51.2
TXAR	comp=Z,4.4nm,1.0s,baz=265,slow=0.8,SNR=14					PKP2bc		
TXAR	Lajitas Array	65.85	330	P	P	P	P	02 57 05.8 +0.3
TXAR	Lajitas Array	65.85	330	P	P	P	P	02 57 05.8 +0.3
TX31	Lajitas Ar. S1	65.85	330	I	Amb	I	Amb	02 57 43.5
PLAL	Pickwick Lake	65.92	346	P	P	P	P	02 57 05.2 -1.0
PLAL	comp=Z,315nm,1.4s							02 57 28.2
V51A	Loudon	66.00	349	I	Amb	I	Amb	02 57 29.0
T57A	Hurt	66.52	354	I	Amb	I	Amb	02 57 33.5
TZTN	Tazewell	66.60	350	P	P	P	P	02 57 11.7 +1.1
TZTN	baz=169					S		03 06 00.1 -2.0
X40A	Basin Creek Fa	66.62	341	P	P	P	P	02 57 14.2 +3.4
X40A	baz=160,SNR=6.9					S		03 06 02.3 -0.1
CLTN	Cedar of Leba	66.64	347	P	P	P	P	02 57 10.4 -0.4
TAOE	Nuku Hiva Isla	66.66	273	eS	S	S	S	03 06 04.8 +0.9
BLA	Nuku Hiva Isla	66.66	273	eLR	LR	LR	LR	03 17 12.6
BLA	comp=Z,65um,31.9s							02 57 15.9 +3.6
BLA	Blackburg	66.85	353	P	P	P	P	03 06 04.7 -0.3
BLA	baz=172					S		
BLA	Blacksburg	66.85	353	I	Amb	I	Amb	02 57 35.9
MIAR	Mount Ida	66.89	341	P	P	P	P	02 57 13.8 +1.3
MIAR	baz=160,SNR=23					S		03 06 04.3 -1.2
WWT	Waverly	66.97	346	P	P	P	P	02 57 11.9 -1.1
WWT	comp=Z,1.7um,2.0s					pmx		
WWT	Waverly	66.97	346	P	P	P	P	02 57 13.9 +1.0
WWT	baz=165					S		03 06 03.5 -3.0
WWT	Waverly	66.97	346	P	P	P	P	02 57 11.9 -1.1
W41B	Gary Mavity, V	67.11	342	P	P	P	P	02 57 15.4 +1.5
ABTX	Abilene, Hawle	67.12	335	P	P	P	P	02 57 15.6 +1.6
ABTX	baz=154,SNR=43					S		03 06 09.8 +1.3
WHAR	Woolly Hollow	67.23	342	I	Amb	I	Amb	02 57 38.4
S57A	Dark Hollow, R	67.24	354	I	Amb	I	Amb	02 57 38.4
T50A	Nancy	67.27	349	I	Amb	I	Amb	02 57 37.9
SBA	Scott Base	67.45	191	P	P	P	P	02 57 15.2 -0.4
SBA	comp=Z,506nm,2.0s					pmx		
SBA	comp=Z,1.7um,18.0s					MLR		
SBA	Scott Base	67.45	191	P	P	P	P	02 57 15.2 -0.4
SBA	comp=Z,506nm,1.9s					I	Amb	02 58 41.7
SBA	Scott Base	67.45	191	I	Amb	I	Amb	03 26 25.3
S54A	Dingess, Beckl	67.53	352	I	Amb	I	Amb	02 57 39.5
W39A	Magazine	67.56	341	P	P	P	P	02 57 18.0 +1.3
W39A	baz=160,SNR=62					S		03 06 13.5 -0.1
CBN	Corbin Frederi	67.56	355	P	P	P	P	02 57 19.1 +2.5
CBN	baz=175					S		03 06 13.9 +0.4
LCAR	Lake Charles	67.68	343	I	Amb	I	Amb	02 57 39.8
FCAR	Ozark Folk Cen	67.75	342	I	Amb	I	Amb	02 57 40.4
R53A	Marlinton	67.87	353	P	P	P	P	02 57 18.6 -0.1
R53A	Hurricane	68.13	352	I	Amb	I	Amb	02 57 43.4
PBMO	Poplar Bluff	68.17	344	I	Amb	I	Amb	02 57 43.0
U40A	Yellville	68.39	342	P	P	P	P	02 57 21.7 -0.3
U40A	Yellville	68.39	342	I	Amb	I	Amb	02 57 44.5
R50A	Paris	68.42	350	I	Amb	I	Amb	02 57 45.1
TBI	Tubuai	68.42	255	eP	P	P	P	02 57 25.0 +2.4
TBI	comp=Z,40um,32.2s					eS		03 06 26.1 +1.4
TBI	comp=Z,20um,34.8s					eLQ	LQ	03 15 11.6
TBI	comp=Z,87um,30.2s,baz=103					eLR	LR	03 17 59.6
TBI	Tubuai	68.42	255	eT	T	T	T	04 12 17.6
VNDA	Vanda	68.48	191	P	P	P	P	02 57 24.4 +2.3
VNDA	comp=Z,3.6nm,0.9s,baz=143,slow=5.1,SNR=22					LR		03 21 56.0
VNDA	comp=Z,14um,21.8s,baz=139,slow=31							03 25 35.9 -9.0
VNDA	Vanda	68.48	191	P	P	P	P	02 57 22.7 +0.6
VNDA	comp=Z,1.63nm,1.6s					PKPPKP	P/P/Pdf	
VNDA	Vanda	68.48	191	P	P	P	P	02 57 22.7 +0.6
R49A	Shelbyville	68.57	349	I	Amb	I	Amb	02 57 45.9
MNTX	Cornudas Mount	68.63	330	P	P	P	P	02 57 23.0 -0.6
Q54A	Coxs Mills	68.64	353	I	Amb	I	Amb	02 57 48.9
WCI	Wyandotte Cave	68.70	348	P	P	P	P	02 57 22.8 -1.1
WCI	comp=Z,857nm,2.0s					pmx		
WCI	Wyandotte Cave	68.70	348	P	P	P	P	02 57 24.6 +0.8
WCI	Wyandotte Cave	68.70	348	P	P	P	P	02 57 22.8 -1.1
WMOK	Wichita Mounta	68.72	337	P	P	P	P	02 57 24.7 +0.6
WMOK	baz=155					S		03 06 28.3 +0.8
MBO	M'Bour	68.76	58	P	P	P	P	02 57 25.0 +0.3
MBO	comp=Z,17um,20.0s					I	Amb	03 26 21.0
S44A	Cardonale	68.78	345	I	Amb	I	Amb	02 57 48.6
SIUC	Southern Illin	68.79	345	P	P	P	P	02 57 22.9 -1.6
TUL1	Leonard	68.81	339	P	P	P	P	02 57 24.7 +0.1
MGMO	Mountain Grove	68.99	343	I	Amb	I	Amb	02 57 48.3
P60A	Greenville	69.06	357	P	P	P	P	02 57 28.5 +2.5
P60A	baz=177					S		03 06 31.7 +0.4
MCWV	Mont Chateau	69.21	354	P	P	P	P	02 57 28.8 +1.8
MCWV	Mont Chateau	69.21	354	I	Amb	I	Amb	02 57 50.6
P52A	Corning	69.44	332	P	P	P	P	02 57 29.5 +1.1
MSTX	Muleshoe	69.51	353	P	P	P	P	02 57 29.5 +0.4
MSTX	Muleshoe	69.51	333	P	P	P	P	02 57 29.1 -0.1
MSTX	Muleshoe	69.51	333	I	Amb	I	Amb	02 58 05.2
OLTX	Olney	69.54	347	I	Amb	I	Amb	02 57 52.7
CCM	Cathedral Cave	69.58	344	P	P	P	P	02 57 28.5 -0.8
CCM	comp=Z,297nm,1.1s					pmx		
CCM	Cathedral Cave	69.58	344	P	P	P	P	02 57 30.3 +0.9
CCM	baz=162					S		03 06 36.6 -1.0

CCM	Cathedral Cave	69.58	344	P	P	P	P	02 57 28.5 -0.8
CCM	comp=Z,297nm,1.1s					I	Amb	02 57 53.8
BLO	Bloomington	69.66	348	I	Amb	I	Amb	02 57 52.7
O56A	Blue Knob Stat	69.70	355	P	P	P	P	02 57 32.2 +2.1
O56A	baz=174,SNR=11					S		03 06 38.3 -0.7
P49A	Miami Univ, Ec	69.71	350	P	P	P	P	02 57 30.9 +0.8
S39A	Bolivar	69.77	342	I	Amb	I	Amb	02 57 53.1
O54A	Alexandria	69.78	353	P	P	P	P	02 57 30.0 -0.5
O52A	Adamsville	69.88	352	I	Amb	I	Amb	02 57 54.1
Q44A	Meyer Farm, Va	69.89	346	I	Amb	I	Amb	02 57 54.8
AMTX	Amarillo	69.90	334	P	P	P	P	02 57 32.9 +1.5
SLM	Saint Louis	69.90	345	I	Amb	I	Amb	02 57 55.6
O53A	New Philadelph	69.94	353	P	P	P	P	02 57 32.5 +1.0
O53A	New Philadelph	69.94	353	I	Amb	I	Amb	02 57 54.6
SSPA	Standing Stone	70.01	355	P	P	P	P	02 57 34.0 +2.1
SSPA	Amarillo	70.01	355	S	S	S	S	03 06 43.3 +0.7
SSPA	Standing Stone	70.01	355	P	P	P	P	02 57 32.5 +0.6
SYO	Syowa Base	70.03	159	eP	P	P	P	02 57 28.0 -3.8
SYO	Syowa Base	70.03	159	iP/P	P	P	P	02 57 31.4 -0.4
SYO	Syowa Base	70.03	159	iS/P	P	P	P	02 57 34.0 +0.5
R40A	Maddies Stat	70.06	343	I	Amb	I	Amb	02 57 56.7
ACSO	Alum Creek Sta	70.14	351	P	P	P	P	02 57 33.9 +1.2
ACSO	baz=170,SNR=27					S		03 06 40.6 -3.5
N59A	State Game Lan	70.17	357	P	P	P	P	02 57 35.3 +2.4
N59A	baz=170					S		03 06 47.3 +2.9
PAL	Palisades	70.19	359	S	S	S	S	03 06 46.0 +1.4
P46A	Roadate	70.22	348	I	Amb	I	Amb	02 57 53.2
VAH	Vaihoa	70.27	263	eP	P	P	P	02 57 36.2 +2.1
O49A	Ovington	70.29	350	I	Amb	I	Amb	02 57 55.6
121A	Cookes Peak, D	70.42	328	P	P	P	P	02 57 37.0 +2.2
121A	Cookes Peak, D	70.42	328	P	P	P	P	02 57 35.1 +0.3
N54A	Moraine State	70.51	354	P	P	P	P	02 57 36.7 +1.7
N54A	baz=173					S		03 06 45.9 -2.5
PMOR	Pomarioerio Ree	70.61	263	eP	P	P	P	02 57 38.5 +2.3
P43A	Skaggs, Pawnee	70.71	346	I	Amb	I	Amb	02 58 00.1
PAE	Paea	70.90	260	eP	P	P	P	02 57 40.4 +2.5
PPTF	Pamatui, Papee	70.92	260	I	Amb	I	Amb	03 20 13.8
PPT2	Papeete2	70.93	260	eP	P	P	P	02 56 40.6 +2.4
PPT2	comp=Z,312nm,1.1s					eS		03 06 54.8 +0.3
PPT2	comp=Z,35um,29.0s							70.93
PPT2	comp=Z,85um,24.0s,baz=115					eLR	LR	03 19 18.9
PPT2	Papeete2	70.93	260	eT	T	T	T	04 15 30.5
PPT	Papeete	70.94	260	P	P	P	P	02 57 41.3 +3.1
PPT	comp=Z,204nm,1.2s,baz=84,slow=6.5,SNR=7.2					LR	LR	03 20 46.1
SFIN	Lafayette	70.94	348	P	P	P	P	02 57 37.8 +0.2
SFIN	baz=166					S		03 06 47.6 -5.7
SFIN	Lafayette	70.94	348	I	Amb	I	Amb	02 57 59.0
M54A	Oli Creek Stat	71.03	354	P	P	P	P	02 57 39.5 +1.4
M53A	WI Miller and	71.06	353	P	P	P	P	02 57 39.9 +1.7
M53A	baz=172,SNR=6.5					S		03 06 48.8 -5.9
P40A	Paris	71.18	344	I	Amb	I	Amb	02 58 01.6
ALLY	Allegheny Colle	71.21	354	P	P	P	P	02 57 39.9 +0.6
M50A	Fremont	71.30	351	I	Amb	I	Amb	02 58 03.6
Y22D	IRIS PASSCAL I	71.33	330	I	Amb	I	Amb	03 26 15.8
BINY	Binamon	71.46	357	P	P	P	P	02 57 43.2 +2.5
BINY	baz=176,SNR=6.8					S		03 07 00.1 +0.8
HDIL	Hopedale	71.54	346	P	P	P	P	02 57 42.5 +1.3
L61B	Northampton	71.62	360	P	P	P	P	02 57 43.9 +2.2
L61B	baz=180,SNR=14					S		03 07 02.7 +1.5
P38A	Dawn	71.64	343	I	Amb	I	Amb	02 58 04.1
TUC	Tucson	71.64	326	P	P	P	P	02 57 44.4 +2.2
ERPA	Erie	71.66	354	P	P	P	P	02 57 43.3 +1.4
ERPA	Erie	71.66	354	I	Amb	I	Amb	02 58 06.0
HRV	Adam Dzielwonsk	71.67	0	P	P	P	P	02 57 44.8 +2.8
HRV	baz=180					S		03 07 04.6 +2.9
ANMO	Albuquerque	71.87	331	eP	P	P	P	02 57 45.5 +1.9
ANMO	comp=Z,1.08nm,1.6s					pmx		
ANMO	Albuquerque	71.87	331	P	P	P	P	02 57 45.7 +2.1
ANMO	Albuquerque	71.87	331	P	P	P	P	

MTLF	Montioleu	99.37	45	eP	Pdif	03 00 04.8 +2.1
MTLF	comp=Z,19m,19.0s					
BRJ	Les Rejaudoux	99.98	43	eP	Pdif	03 00 09.7 +4.3
RUF	comp=Z,105m,2.0s					
CAF	Calviac	100.11	44	eP	Pdif	03 00 07.4 +1.4
CAF	comp=Z,68m,1.9s					
GRR	Gorron	100.26	40	eP	Pdif	03 00 07.2 +0.7
GRR	comp=Z,23m,0.9s					
KEST	Kesra	100.31	55	P	Pdif	03 00 11.2 +4.1
KEST	comp=Z,3.2m,0.9s,baz=282,slow=11,SNR=24					
LDF	La Druitiere	100.78	40	eP	Pdif	03 00 11.5 +2.7
LDF	comp=Z,21m,1.0s					
MBAR	Mbarara	100.82	97	i P	Pdif	03 00 09.3 -0.8
MBAR	comp=Z,15m,18.0s					
ICESG	Greenland Ices	101.15	11	i P	Pdif	03 00 12.1 +1.6
ICESG	comp=Z,9.7m,0.9s					
SSB	Saint Sauveur	101.80	45	IAMS_20	IAMS_20	03 44 41.2
SSB	comp=Z,11m,21.0s					
CLF	Chambon-Foret	101.84	41	IAMS_20	IAMS_20	03 44 00.9
CLF	comp=Z,11m,20.0s					
LMR	La Moure	102.07	47	eP	Pdif	03 00 16.5 +1.8
LMR	comp=Z,27m,1.3s					
VSL	Villasalto	102.12	51	IAMS_20	IAMS_20	03 48 36.5
VSL	comp=Z,9m,18.0s					
FRF	La Foret Royal	102.27	47	eP	Pdif	03 00 20.1 +4.5
FRF	comp=Z,42m,1.4s					
LOR	Lormes	102.38	43	eP	Pdif	03 00 17.9 +1.9
LOR	comp=Z,147m,2.8s					
LPL	La Plagne	103.26	45	eP	Pdif	03 00 22.5 +2.3
LPL	comp=Z,23m,1.2s					
FARO	Faro, Yukon	103.72	335	Pdif	Pdif	03 00 23.7 +2.1
FARO	comp=Z,15m,26.3s					
DZM	Mont Dzumac	103.85	235	eSP	SP	03 13 50.2 +0.3
DZM	comp=Z,42m,31.6s					
DZM	Mont Dzumac	103.85	235	eLQ	LQ	03 19 30.4 +3.4
DZM	comp=Z,31m,35.5s					
DZM	comp=Z,60m,30.1s					
SENIN	Lac Senin/Sane	104.01	45	IAMS_20	IAMS_20	03 46 08.8
SENIN	comp=Z,15m,20.0s					
LIFNC	Lifou	104.10	236	IAMS_20	IAMS_20	03 36 22.6
LIFNC	comp=Z,14m,20.0s					
DOU	Dourbes	104.20	40	dx	x	03 04 44.3
HAU	Haudompe	104.21	43	eP	Pdif	03 00 26.9 +2.8
HAU	comp=Z,49m,1.9s					
GIVF	Givet	104.33	40	eP	Pdif	03 00 27.0 +2.4
GIVF	comp=Z,58m,1.6s					
BMRD	Maredsous	104.40	40	dPdif	Pdif	03 00 26.8 +1.9
SUMG	Summit	104.40	10	i P	Pdif	03 00 26.0 +1.1
SUMG	comp=Z,5.6m,0.8s					
JOHN	Johnston Island	104.42	281	IAMS_20	IAMS_20	03 39 18.2
JOHN	comp=Z,10m,19.0s					
BGES	Gesves	104.62	40	dPdif	Pdif	03 00 25.4 -0.4
BCLA	Clavier	104.76	40	dPdif	Pdif	03 00 28.4 +2.0
BCLA	comp=Z,17m,19.0s					
CAN	Canberra	104.79	214	IAMS_20	IAMS_20	03 38 25.1
CAN	comp=Z,17m,19.0s					
WLF	Walterfange	104.88	41	dPdif	Pdif	03 00 30.5 +3.5
WLF	comp=Z,18m,20.0s					
MEM	Membach	105.24	40	dx	x	03 04 48.7
BTNL	Terneil	105.30	40	dPdif	Pdif	03 00 28.6 -0.3
DAVOX	Davos/Dirchmal	105.78	45	PP	PKIKP	03 04 53.2 +9.1
DAVOX	comp=Z,4m,0.8s,baz=251,slow=3.4,SNR=5.4					
DAVA	Damules	106.01	45	eP	Pdif	03 00 34.2 +1.9
DAVA	comp=Z,10.0m,1.1s					
CEVA	Celeste	106.12	55	IAMS_20	IAMS_20	03 54 35.3
CEVA	comp=Z,10m,18.0s					
AQU	L'Aquila	106.13	50	IAMS_20	IAMS_20	03 50 16.4
AQU	comp=Z,10m,19.0s					
KMBO	Kilima Mbogo	106.17	101	IAMS_20	IAMS_20	03 52 40.6
FETA	Feichten	106.41	45	eP	Pdif	03 00 36.4 +2.3
FETA	comp=Z,8.1m,1.3s					
RETA	Reutte	106.64	45	eP	Pdif	03 00 37.7 +2.4
RETA	comp=Z,6.7m,1.3s					
MOTA	Moosalm	106.78	45	eP	Pdif	03 00 36.3 +0.5
MOTA	comp=Z,14m,1.4s					
SOTA	Sankt Quirin	106.80	45	eP	Pdif	03 00 38.6 +2.9
SOTA	comp=Z,21m,2.0s					
LODK	Lodwar	106.82	96	IAMS_20	IAMS_20	03 51 29.3
LODK	comp=Z,15m,19.0s					
WATA	Walderalm	107.07	45	P	Pdif	03 00 39.9 +2.8
WATA	comp=Z,8.1m,1.1s					
WTTA	Wattenberg	107.08	45	eP	Pdif	03 00 39.2 +2.1
WTTA	comp=Z,24m,1.8s					
ABTA	Abfattersbach	107.41	46	eP	Pdif	03 00 40.1 +1.7
ABTA	comp=Z,4.9m,1.1s					
ANVU	Saraoutou	107.45	240	IAMS_20	IAMS_20	03 38 45.5
ANVU	comp=Z,10m,20.0s					
NEEM	North Greenlan	107.48	5	i P	Pdif	03 00 43.2 +4.8
A36M	Sachs Harbour	107.67	345	IAMS_20	IAMS_20	03 55 54.8
A36M	comp=Z,8m,18.0s					
EGAK	Eagle	108.05	335	IAMS_20	IAMS_20	03 51 50.1
EGAK	comp=Z,7m,18.0s					
KBA	Koelnbreinsper	108.06	46	eP	Pdif	03 00 44.1 +2.7
KBA	comp=Z,3.6m,1.0s					
OBKA	Obir	108.59	47	eP	Pdif	03 00 46.6 +2.9
OBKA	comp=Z,15m,1.2s					
OBKA	comp=Z,9.0m,1.7s					
MOA	Molin	108.94	45	eP	Pdif	03 00 50.4 +5.2
MOA	comp=Z,4.0m,1.1s					
GERES	GERES Array B	108.99	44	Pdif	Pdif	03 00 50.8 +5.3
GERES	comp=Z,0.2m,0.3s,baz=268,slow=8.0,SNR=6.8					
GERES	GERES Array B	108.99	44	PKIKP	PKIKP	03 04 51.2 +1.3
GERES	comp=Z,2.4m,0.8s,baz=219,slow=0.9,SNR=7.4					
GERES	Kasperske Hory	109.03	44	eP	Pdif	03 00 50.0 +4.5
KHC	KHC			e	MLR	03 05 21.0s
KHC	comp=Z,7m,16.8s					
KHC	Kasperske Hory	109.03	44	ePDIFF	x	03 00 50.0 +4.5
KHC	comp=Z,7m,16.8s					
KHC	KHC			dx	P	03 04 41.0
KHC	KHC			eP	PP	03 05 17.7 -0.4
KHC	KHC			ePKKP	PKKPab	03 16 07.0 -0.6
KHC	KHC			AMS	AMS	04 00 00.0
CKRC	Cesky Krumlov	109.35	44	ePP	PP	03 05 19.9 -0.6
CKRC	comp=Z,5m,18.1s					
ARSA	Arzberg	109.50	46	eP	PKIKP	03 04 54.6 +3.9
ARSA	comp=Z,9m,1.1s					
O22K	Cooper Landing	109.50	329	IAMS_20	IAMS_20	03 43 47.6
O22K	comp=Z,10m,21.0s					
CLL	Colim	109.54	42	e	PKIKP	03 04 59.0 +8.3
CLL	comp=Z,11m,1.1s					
CLL	CLL			ePP	PP	03 05 18.0 -3.7
CLL	CLL			e	MLR	03 05 00.0

CLL	Colim	109.54	42	IAMS_20	IAMS_20	03 50 26.6
CLL	comp=Z,9m,20.3s					
KDAX	Kodiak Island	109.71	326	IAMS_20	IAMS_20	03 39 14.2
KDAX	comp=Z,14m,19.0s					
BRG	Bergsihubel	109.92	42	ePKP	PKIKP	03 04 54.2 +2.8
BRG	comp=Z,5.4m,1.1s					
PRU	Pruhonice	109.94	43	ePP	PP	03 05 22.3 -2.4
PRU	comp=Z,6m,17.5s					
CONA	Conrad Oberwall	109.96	46	eP	Pdif	03 00 51.2 +1.4
CONA	comp=Z,3.7m,1.2s					
CONA	CONA			eP	PKIKP	03 04 53.9 +2.2
TIR	Tirane	110.15	53	IAMS_20	IAMS_20	03 58 49.2
TIR	comp=Z,12m,1.5s					
ILAR	Eielsen Array	110.20	334	Pdif	Pdif	03 00 54.6 +4.3
ILAR	comp=Z,1.1m,1.1s,baz=338,slow=1.7,SNR=4.4					
ILAR	ILAR			eP	PKIKP	03 04 55.0 +3.5
ILAR	comp=Z,2.3m,0.9s,baz=169,slow=1.7,SNR=6.1					
ILAR	ILAR			eP	PKIKP	03 15 53.2 -1.5
ILAR	comp=Z,1.1m,0.7s,baz=316,slow=1.3,SNR=6.5					
POKR	Poker Plat Res	110.56	334	IAMS_20	IAMS_20	03 51 12.5
POKR	comp=Z,9m,18.0s					
KRUC	Moravsky	110.71	45	ePKIKP	PKIKP	03 04 53.4 +0.4
KRUC	comp=Z,9m,18.0s					
OHID	Ohrid	110.72	54	eP	PP	03 05 26.5 -3.8
OHID	comp=Z,14m,19.0s					
MLPL	Magyarpolny	110.74	47	eP	PKIKP	03 05 02.2 +9.1
VRAC	Vranov	110.92	44	ePKP	PKIKP	03 04 52.9 -0.5
VRAC	comp=Z,1.8m,0.6s,baz=247,slow=2.6,SNR=4.4					
VRAC	Vranov	110.92	44	ePKIKP	PKIKP	03 04 55.8 +2.4
VRAC	comp=Z,1.8m,0.6s,baz=247,slow=2.6,SNR=4.4					
MODR	Modra-Piesok	111.01	46	eP	PP	03 05 27.7 +4.5
STKA	Stephens Creek	111.08	210	PKKPbc	PKKPbc	03 15 50.4 -0.5
STKA	comp=Z,3.1m,0.9s,baz=258,slow=4.7,SNR=3.9					
DIVS	Divibare	111.24	51	IAMS_20	IAMS_20	03 54 52.7
DIVS	comp=Z,9m,19.0s					
JAVC	Velka Javorina	111.43	45	ePKIKP	PKIKP	03 04 57.8 +3.4
JAVC	comp=Z,9m,19.0s					
SRO	Srobarova	111.46	46	ePP	PP	03 05 33.1 -2.6
SRO	comp=Z,9m,19.0s					
SKO	Skojpie	111.48	53	eP	PKIKP	03 04 49.3 -5.4
SKO	comp=Z,9m,19.0s					
MORC	Moravsky Berou	111.67	44	eP	PKIKP	03 04 54.7 -0.1
MORC	comp=Z,9m,19.0s					
MORC	Moravsky Berou	111.67	44	ePKIKP	PKIKP	03 05 03.6 -3.6
MORC	comp=Z,9m,19.0s					
STIP	Stip	111.91	54	eP	PKIKP	03 04 58.6 +3.1
STIP	comp=Z,9m,19.0s					
VYHNE	Vyhne	112.02	46	ePKIKP	PKIKP	03 04 57.9 +2.4
VYHNE	comp=Z,9m,19.0s					
VYHNE	Vyhne	112.02	46	ePKP	PKIKP	03 04 57.9 +2.4
VYHNE	comp=Z,9m,19.0s					
VAY	Valandovo	112.05	54	eP	PKIKP	03 05 05.3 +1.0
VAY	comp=Z,9m,19.0s					
NB2	NORSAR Subarray12	112.21	31	PKPdif	PKIKP	03 04 52.3 -3.3
NB2	comp=Z,36m,2.5s,baz=248,slow=1.9					
NB2	NORSAR Subarray12	112.21	31	PKPdif	PKIKP	03 04 52.3 -3.3
NB2	comp=Z,36m,2.5s,baz=248,slow=1.9					
NOA	NORSAR Array B	112.24	31	PKIKP	PKIKP	03 05 00.5 +4.9
NOA	comp=Z,1.1m,0.9s,baz=248,slow=2.2,SNR=4.7					
TARA	Tarawa	112.34	258	IAMS_20	IAMS_20	03 39 54.7
TARA	comp=Z,13m,21.0s					
BANL	Banloc	112.45	50	i P	PKIKP	03 05 00.0 +3.7
BANL	comp=Z,9m,19.0s					
LANS	Liptovska Anna	112.64	45	ePKIKP	PKIKP	03 05 43.3 -0.9
LANS	comp=Z,9m,19.0s					
LANS	Liptovska Anna	112.64	45	ePKP	PKIKP	03 05 01.6 +4.9
LANS	comp=Z,9m,19.0s					
BZS	Buzias	112.85	49	i P	PKIKP	03 04 59.1 +1.9
BZS	comp=Z,9m,19.0s					
CZR	Gura Zlata	113.55	50	i P	PKIKP	03 04 57.6 -1.0
CZR	comp=Z,9m,19.0s					
CRVS	Cervenica-Dubn	113.80	46	ePKIKP	PKIKP	03 05 04.4 +5.5
CRVS	comp=Z,9m,19.0s					
DRGR	Cervenica-Dubn	113.85	49	eP	PKIKP	03 05 04.4 +5.5
DRGR	comp=Z,9m,19.0s					
UZH	Uzhgord	114.24	47	ePKIKP	PKIKP	03 05 09.2 +1.0
UZH	comp=Z,9m,19.0s					
TRPA	Tarpa	114.25	47	i P		

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TIXI, PETK, AKTO, MA2, and many others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MTKI, BTLS, PPI, KURK, and many others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like IRK, CIT, MDJ, and many others.

Table with columns: Station Name, Iamb, Iamb, 03 19 25.5, etc. Includes stations like JFWS, SADO, WUJAZ, BGUE, etc.

Table with columns: Station Name, Iamb, Iamb, 03 19 25.5, etc. Includes stations like EKSZ, AML, USL, OSP, etc.

NOU 11 03:11.04.3, 21.99S-169.66E, h0km, mb3.9/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Iamb, Iamb, 03 19 25.5, etc. Includes stations like MARNC, PINNC, LIFOU, etc.

IDC 11 03:13.11.4, 1.0, 29.57S; 71.79W, h0km, mb4.0/5, mb1.4 3/9, mb1mx4.1/31, mbtmp4.1/9, ML3.8/4, Error ellipse: s-maj=34.4km s-min=20.0km az=66.0

NEIC 11 03:13.13.6; 2.0, 29.67S; 0.04; 71.97W; 0.05, h1.3km, 5km, mb4.8/4, Error ellipse: s-maj=6.7km s-min=5.1km az=48.0

ISC 11 03:13.14.0; 6.29, 60S; 0.05; 71.94W; 0.08, h25km, n45, a170/45, mb4.6/7, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Iamb, Iamb, 03 19 25.5, etc. Includes stations like CO05, CO06, CO07, etc.

Table with columns: Station Name, Iamb, Iamb, 03 19 25.5, etc. Includes stations like KURK, KURBB, AAK, ZALV, MKAR, etc.

TUL 11 03:13.36.7; 0.8, 36.95N; 0.03; 97.83W; 0.06, h5km, 6km, ML2.8, mb_Lg2.6/6(NEIC), Error ellipse: s-maj=7.1km s-min=2.6km az=66.0

NEIC 11 03:13.37.0; 0.8, 36.92N; 0.03; 97.81W; 0.06, h5km, 6km, Error ellipse: s-maj=7.4km s-min=1.2km az=61.0, Oklahoma

Table with columns: Code, Station Name, Iamb, Iamb, 03 19 25.5, etc. Includes stations like G002, G001, KAN14, etc.

IDC 11 03:24.01.3; 2.4, 29.35S; 72.10W, h0km, mb3.5/2, mb1.3 7/3, mb1mx3.5/26, mbtmp3.5/3, ML3.2/1, Error ellipse: s-maj=67.7km s-min=5.7km az=28.0

GUC 11 03:24.05.4; 0.8, 29.49S; 71.80W, h22km, 9km, ML3.9

ISC 11 03:24.02.4; 2.29, 44S; 0.04; 71.89W; 0.09, h13km, 29gkm, n17, e087/19, 4D, Near coast of central Chile

Table with columns: Code, Station Name, Iamb, Iamb, 03 19 25.5, etc. Includes stations like CO05, CO06, CO07, etc.

VA03 comp=E.475nm, 0.5s, San Esteban, 3.51 161 eP, Pn, 03 24 59.7 +2.5

ROCH comp=E.569nm, 0.8s, El Roble, 3.60 168 eP, Pn, 03 24 59.2 +0.6

AC04 comp=N.11um, 0.4s, Llanos de Chal, 1.42 30 eP, Pn, 03 24 28.6 +0.1

GO03 comp=E.475nm, 0.5s, Copiap, 2.35 39 eP, Pn, 03 24 24.0 -0.2

GO03 comp=E.475nm, 0.5s, Tololo Observa, 1.20 128 iP, S, 03 24 25.3 -0.3

GO04 comp=N.11um, 0.4s, G004, 3.65 76 iP, S, 03 24 40.0 -0.8

CO06 comp=N.11um, 0.4s, Fray Jorge, 1.25 170 eP, Pn, 03 24 25.9 -0.1

CO06 comp=N.11um, 0.4s, Fray Jorge, 1.25 170 iS, Sb, 03 24 42.1 -0.3

CO06 comp=N.11um, 0.4s, Fray Jorge, 1.25 170 IAML, 03 24 45.2

AC04 comp=N.11um, 0.4s, Llanos de Chal, 1.42 30 eP, Pn, 03 24 28.6 +0.1

GO03 comp=E.475nm, 0.5s, Copiap, 2.35 39 eP, Pn, 03 24 24.0 -0.2

GO03 comp=E.475nm, 0.5s, Tololo Observa, 1.20 128 iP, S, 03 24 25.3 -0.3

GO04 comp=N.11um, 0.4s, G004, 3.65 76 iP, S, 03 24 40.0 -0.8

CO06 comp=N.11um, 0.4s, Fray Jorge, 1.25 170 eP, Pn, 03 24 25.9 -0.1

CO06 comp=N.11um, 0.4s, Fray Jorge, 1.25 170 iS, Sb, 03 24 42.1 -0.3

CO06 comp=N.11um, 0.4s, Fray Jorge, 1.25 170 IAML, 03 24 45.2

PEL comp=N.216nm, 0.8s, Peldehue, 3.83 165 eP, Pn, 03 25 02.4 +0.7

MT09 comp=N.216nm, 0.8s, Talagante, 4.39 170 iP, Pn, 03 25 10.2 +0.8

H03N1 comp=N.216nm, 0.8s, Juan Fernandez, 7.20 235 T, T, 03 33 26.1

H03N2 comp=N.216nm, 0.8s, Juan Fernandez, 7.22 235 T, T, 03 33 27.0

H03N3 comp=N.216nm, 0.8s, Juan Fernandez, 7.22 235 T, T, 03 33 26.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Copiap, Catapilco, Esteban, etc.

NOU 11 03:27:24.5, 15:19S-173:16W, h20km, MLv3.9/4, Tonga Islands, Tonga Islands

IDC 11 03:40:23.0, 0.7, 29:53S:71:97W, h0km, mb4.0/8, mb1.4/1.3, mb1mx4.0/36, mbtmp4.0/13, ML3.9/5, Error ellipse: s-maj=24.7km s-min=18.0km az=116.0 NEIC 11 03:40:24.1, 1.6, 29:45S:02:72:05W, 0.6, h10km, 1km, mb4.5/9, ML4.2(GUC), Error ellipse: s-maj=8.7km s-min=3.4km az=266.0 GUC 11 03:40:26.0, 0.8, 29:42S:71:93W, h23km, 6km, ML4.2 VA2 11 03:40:27.3, 0.9, 29:45S:71:79W, h10km, mb4.3 ISC 11 03:40:24.2, 0.5, 29:46S:0:04:72:09W, 0.05, h10km, n25, a155/127, mb4.4/1.2, 1C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like La Serena, Fray Jorge, Llanos de Chal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Catapilco, Leoncito, Winchina, etc.

NOU 11 03:42:20.8, 1.0, 29:52S:71:94W, h0km, mb4.1/5, mb1.4/3.9, mb1mx4.0/36, mbtmp4.2/9, ML4.0/4, Error ellipse: s-maj=35.5km s-min=22.2km az=96.0 ISC 11 03:42:26.8, 0.9, 29:50S:0:09:71:6W, 0.2, h50km, n12, a198/127, mb4.2/5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Limon Verde, Paso Flores, Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Palmer Station, Lajitas Array, Pinedale Array, etc.

IDC 11 03:46:00.7, 1.0, 29:53S:71:67W, h0km, mb4.0/4, mb1.4/1.8, mb1mx3.8/32, mbtmp3.9/8, ML3.4/4, Error ellipse: s-maj=48.7km s-min=22.0km az=96.0 GUC 11 03:46:03.6, 0.7, 29:41S:71:82W, h20km, 7km, ML4.0 ISC 11 03:46:00.5, 3.2, 29:44S:0:03:71:75W, 0.09, h1km, 21km, n22, a198/27, mb4.2/4, 4C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like La Serena, Fray Jorge, Llanos de Chal, etc.

IDC 11 03:52:20.9, 0.6, 15:05S:173:48W, h0km, mb4.1/12, mb1.4/4.12, mb1mx4.3/25, mbtmp4.2/12, Error ellipse: s-maj=27.2km s-min=15.9km az=134.0 NEIC 11 03:52:21.2, 1.6, 15:16S:0:08:173:4W, 0.1, h7km, 4km, mb4.6/20, Error ellipse: s-maj=20.8km s-min=11.1km az=90.0 ISC 11 03:52:23.8, 0.6, 15:05S:0:07:173:1W, 0.09, h35km, n69, a199/48, mb4.5/19, 7C-4D, Tonga Islands

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

11d 4h

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PDAR Pinedale Array, YHL Hebggen Lake, ILAR Eielson Array, etc.

KRSC 11 03:52:54.2±1.5, 48.26N×156.06E, h40km±24km, ML3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PAU Puzhetka, MIPR Malaya Ipe'l'ka, etc.

IDC 11 03:55:45.7±1.6, 29.41S×72.11W, h0km, mb3.6/2, mb1 3.9/5, mb1mx3.6/22, mbtmp3.7/5, ML3.5/3, Error ellipse: s-maj=50.7km s-min=30.5km az=96.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CO05 La Serena, LCO Las Campanas, etc.

IDC 11 04:42:12.8±2.5, 26.93N-52.78E, h0km, mb3.8/4, mb1 3.8/4, mb1mx3.4/49, mbtmp3.8/4, Error ellipse: s-maj=63.2km s-min=35.3km az=141.0, Persian Gulf

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like ZALV Zalesovo Beam, FINES FINESS Array B, etc.

IDC 11 04:46:28.6±2.0, 29.73S×71.82W, h0km, mb3.8/2, mb1 3.7/5, mb1mx3.6/24, mbtmp3.7/5, ML3.7/3, Error ellipse: s-maj=94.0km s-min=25.0km az=103.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CO05 La Serena, CO06 Fray Jorge, etc.

IDC 11 04:46:19.0±1.1, 29.72S×70.05W, h15km±4km, mb4.2/5, Error ellipse: s-maj=6.6km s-min=5.9km az=128.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CO05 La Serena, CO06 Fray Jorge, etc.

IDC 11 04:06:51.4±0.8, 26.85N-53.01E, h0km, mb4.0/4, mb1 4.0/4, mb1mx3.5/44, mbtmp4.0/4, Error ellipse: s-maj=18.1km s-min=9.0km az=142.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like LMD1 Lamerd, QIR1 Qir, etc.

IDC 11 04:06:58.2±0.2, 27.29N-52.92E, h12km, mb3.2, THR 11 04:06:58.1±2.2, 27.29N-52.92E, h10km, n33, ±196°/35, mb4.0/4, Southern Iran

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like LAR1 LAR, JHRM Jahrom, etc.

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Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like KLANJ Kolanjah, KRBR Kerman, etc.

IDC 11 04:36:41.8±2.7, 6.26N-94.17E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/58, mbtmp3.5/5, ML4.4/1, Error ellipse: s-maj=104.6km s-min=25.6km az=63.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H08S3 Diego Garcia H, etc.

IDC 11 04:42:12.8±2.5, 26.93N-52.78E, h0km, mb3.8/4, mb1 3.8/4, mb1mx3.4/49, mbtmp3.8/4, Error ellipse: s-maj=63.2km s-min=35.3km az=141.0, Persian Gulf

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like ZALV Zalesovo Beam, FINES FINESS Array B, etc.

IDC 11 04:46:28.6±2.0, 29.73S×71.82W, h0km, mb3.8/2, mb1 3.7/5, mb1mx3.6/24, mbtmp3.7/5, ML3.7/3, Error ellipse: s-maj=94.0km s-min=25.0km az=103.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CO05 La Serena, CO06 Fray Jorge, etc.

IDC 11 04:46:19.0±1.1, 29.72S×70.05W, h15km±4km, mb4.2/5, Error ellipse: s-maj=6.6km s-min=5.9km az=128.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CO05 La Serena, CO06 Fray Jorge, etc.

IDC 11 04:06:51.4±0.8, 26.85N-53.01E, h0km, mb4.0/4, mb1 4.0/4, mb1mx3.5/44, mbtmp4.0/4, Error ellipse: s-maj=18.1km s-min=9.0km az=142.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like LMD1 Lamerd, QIR1 Qir, etc.

IDC 11 04:06:58.2±0.2, 27.29N-52.92E, h12km, mb3.2, THR 11 04:06:58.1±2.2, 27.29N-52.92E, h10km, n33, ±196°/35, mb4.0/4, Southern Iran

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like LAR1 LAR, JHRM Jahrom, etc.

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Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, etc.

IDC 11 04:42:12.8±2.5, 26.93N-52.78E, h0km, mb3.8/4, mb1 3.8/4, mb1mx3.4/49, mbtmp3.8/4, Error ellipse: s-maj=63.2km s-min=35.3km az=141.0, Persian Gulf

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, etc.

IDC 11 04:46:28.6±2.0, 29.73S×71.82W, h0km, mb3.8/2, mb1 3.7/5, mb1mx3.6/24, mbtmp3.7/5, ML3.7/3, Error ellipse: s-maj=94.0km s-min=25.0km az=103.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, etc.

IDC 11 04:46:19.0±1.1, 29.72S×70.05W, h15km±4km, mb4.2/5, Error ellipse: s-maj=6.6km s-min=5.9km az=128.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, etc.

IDC 11 04:06:51.4±0.8, 26.85N-53.01E, h0km, mb4.0/4, mb1 4.0/4, mb1mx3.5/44, mbtmp4.0/4, Error ellipse: s-maj=18.1km s-min=9.0km az=142.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, etc.

IDC 11 04:06:58.2±0.2, 27.29N-52.92E, h12km, mb3.2, THR 11 04:06:58.1±2.2, 27.29N-52.92E, h10km, n33, ±196°/35, mb4.0/4, Southern Iran

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, etc.

11d 6h

Table with columns: Station Name, Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Time, Res. Includes stations like MTEO, David-gareji, LACR, etc.

JMA 11 06:11:35.8±0.2, 24°49'N, 122°90'E, h103km, 2km, M2.3
TAP 11 06:11:36.3±0.2, 24°52'N, 122°89'E, h94km, ML3.3, C
ISC 11 06:11:36.3±1.5, 24°53'N, 0°04', 122°91'E, 0.03, h97km, 9km,
n87, c0560/161, 1C, Taiwan region

Main table of station data for the 11d 6h period, listing station names, codes, coordinates, and timing information.

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Main table of station data for the 2015 NOV period, listing station names, codes, coordinates, and timing information.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Time, Res. Includes stations like SLGT, SSS, TSMG, etc.

UPA 11 06:14:18.6±1.1, 8°47'N, 82°92'W, h6km, 4km, MW4.0
UCR 11 06:14:18.6±1.1, 8°46'N, 82°98'W, h15km, 5km, MW3.9
ISC 11 06:14:17.3±1.0, 8°46'N, 0°04', 82°94'W, 0.03, h29km, 8km,
n26, c0563/44, 3C-7D, Panama-Costa Rica border region

Main table of station data for the 694 period, listing station names, codes, coordinates, and timing information.

IDC 11 06:26:31.9±0.8, 9°08'S, 108°58'W, h0km, mb4.5/18,
mb1 4.7/19, mb1mx4.5/33, mbtmp4.6/19, ML4.5/1, MS5.0/25,
Ms1 5.0/25, ms1mx5.0/26, Error ellipse: s-maj=23.7km
s-min=13.0km az=57.0

NEIC 11 06:26:33.7±1.2, 9°15'S, 108°60'W, 0.1, h10km, 1km,
mb5.2/279, Ms_20 5.2/295, Mw5.6/24, Mw5.6(GCMT),
Error ellipse: s-maj=24.0km s-min=17.3km az=266.0

NEIC 11 06:26:34.1±0.9, 16°55'N, 108°65'W, h23km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; M0:0.80;
M1:0.36; M2:1.18; M3:0.16; M4:0.18; M5:0.91; Fault
plane solution: M3.36000°/101°/NP1:36.31000°,
38.77000°, 163.78000°. NP2:36.966000°, 87.378000°,
1.28000°. Principal axes: T: 2.8449, Plg12.0000°,
Az320.0000°; N: 0.8624, Plg74.0000°, Azm182.0000°; P
-3.7073, Plg11.0000°, Azm53.0000°.

BUL 11 06:26:34.3±0.0, 9°20'S, 108°70'W, h10km, mb5.5/6,
Ms5.7/17, Ms7 5.4/17
GCMT 11 06:26:37.0±0.2, 9°07'S, 108°61'W, 0.01, h17km, 1km,
MW5.6/145, Moment Tensor Solution. s22, c69;
s145, c258. Duration: 195 Moment tensor: Scale 10^17
Nm; M0:0.35; M1:0.07; M2:1.08; M3:0.06; M4:0.69; M5:0.7;
Fault plane solution: M3.44000°/101°/NP1:36.31000°,
38.77000°, 163.78000°. NP2:36.966000°, 87.378000°,
1.28000°. Principal axes: T: 2.8449, Plg12.0000°,
Az320.0000°; N: 0.8624, Plg74.0000°, Azm182.0000°; P
-3.7073, Plg11.0000°, Azm53.0000°.

NEIC 11 06:26:38.9±0.8, 9°08'S, 108°62'W, h20km, Moment Tensor
Solution. Duration: 362 Moment tensor: Scale 10^17Nm;
M0:0.41; M1:1.21; M2:0.80; M3:0.10; M4:0.31; M5:0.85;
Fault plane solution: M3.44000°/101°/NP1:36.31000°,
38.77000°, 163.78000°. NP2:36.966000°, 87.378000°,
1.28000°. Principal axes: T: 2.8449, Plg12.0000°,
Az320.0000°; N: 0.8624, Plg74.0000°, Azm182.0000°; P
-3.7073, Plg11.0000°, Azm53.0000°.

ISC 11 06:26:34.0±0.4, 9°10'S, 108°54'W, 0.08, h15km, n554,
c1502/328, mb5.1/149, MS5.3/179, 1C-1D, Central East
Pacific Rise

Main table of station data for the 694 period, listing station names, codes, coordinates, and timing information.

CDITO	Canoas	31.01	56	P	P	06 32 51.4 -0.2
COVE	Coope Vega, Sa	31.05	51	P	P	06 32 52.9 +1.0
TGUH	Teagueigapa,Un	31.22	43	eP	P	06 32 53.7 +0.3
TAOE	Nuku Hiva Isla	31.22	268	eLQ	LQ	06 39 39.8
TAOE	comp=2.3um,26.7s					
TAOE	comp=2.4um,26.0s,baz=90					
TAOE	Nuku Hiva Isla	31.22	268	eT	TR	07 05 14.1
BOAB	BROADBAND	31.26	47	P	P	06 32 54.0 +0.6
ACON	Acopya	31.26	42	P	P	06 32 53.6 +0.1
BRUZ	Volcan	31.28	56	P	P	06 32 54.6 +0.5
NNA	Nana	31.28	98	LR	LR	04 41 34.5
OTAV	Otavalo	31.37	74	P	P	06 32 55.5 +0.3
OTAV	comp=2.73nm,1.9s					
OTAV	Otavalo	31.37	74	IAMS_20	IAMS_20	06 42 05.0
ZAIG	Zacatecas	32.20	10	P	P	06 33 02.4 +0.2
ZAIG						06 33 06.0
SLBS	Sierra La Lagu	32.61	358	IAMS_20	IAMS_20	06 42 32.7
SOTA	Riobico	33.72	72	P	P	06 33 14.1 -1.9
BCIP	Isla Barro Col	33.85	58	P	P	06 33 17.0 +0.5
BCIP						06 43 30.9
YOTO	Yotoco, Valle	34.62	69	eP	P	06 33 22.8 -0.6
PTLC	Puerto Leticia	34.84	76	eP	P	06 33 26.6 +1.5
PLMC	San Jos del P	35.03	68	eP	P	06 33 24.7 -2.1
CZSB	Cruzeiro do Su	35.47	91	eP	P	06 33 29.0 -1.5
CZSB	Cruzeiro do Su	35.47	91	P	P	06 33 31.2 +0.7
CZSB						06 33 39.0
ORTC	Ortega, Tolima	35.61	70	eP	P	06 33 31.5 -0.3
CBOC	Ciudad Bolivar	35.67	67	eP	P	06 33 31.5 -0.9
ANIL	Santa Ana	35.68	69	eP	P	06 33 35.3 +2.7
CAPC	Capurgana	35.71	61	eP	P	06 33 32.4 -0.1
DBSC	Dabeiba	35.93	65	eP	P	06 33 38.2 +3.3
GUYZ	Guyana, Caldas	36.00	68	eP	P	06 33 36.7 +0.7
HELX	Santa Helena	36.24	66	eP	P	06 33 35.3 -2.2
H03N2	Juan Fernandez	36.48	136	T	T	07 12 24.8
H03N1	Juan Fernandez	36.49	136	T	T	07 12 18.5
H03N3	Juan Fernandez	36.49	136	T	T	07 12 24.3
NORC	Norcasia	36.59	68	eP	P	06 33 41.1 +1.0
ROSC	El Rosal	36.81	69	P	P	06 33 42.7 +0.3
ROSC	comp=2.3um,0.6s,baz=205,slow=6.6,SNR=8.3					
ROSC	comp=2.3um,21.7s,baz=257,slow=32					06 45 58.6
ROSC	El Rosal	36.81	69	P	P	06 33 42.5 +0.1
ROSC						06 34 24.3
UREC	San Jos de Ur	36.90	64	eP	P	06 33 40.2 -2.6
VILC	Villavicencio,	37.13	71	eP	P	06 33 46.0 +1.1
MOTC	Monteria, Cord	37.25	62	P	P	06 33 47.0 +1.3
MOTC	Monteria, Cord	37.25	62	P	P	06 33 45.9 +0.1
CHIC	Chingaza	37.28	70	eP	P	06 33 49.9 +3.4
SPBC	San Pablo de B	37.35	68	eP	P	06 33 47.9 +1.2
ZARC	Zaragoza, Cau	37.39	65	eP	P	06 33 44.0 -2.8
ZARC	Zaragoza, Cau	37.39	65	P	P	06 33 46.9 0.0
ZARC						06 33 50.5
HSIG	comp=2.34nm,1.2s					
HSIG		37.97	357	P	P	06 33 51.1 -0.4
HSIG						06 34 01.6
833A	Chaparral WMA,	38.24	13	P	P	06 33 55.0 +1.2
BRRC	Barranca, Sant	38.26	66	eP	P	06 33 53.7 -0.5
RUSC	La Rusia	38.35	68	eP	P	06 33 57.6 +2.0
TXAR	Lajitas Array	38.49	7	P	P	06 33 56.2 +0.1
TXAR	comp=2.3um,1.1s,baz=189,slow=10,SNR=10					
TXAR	Lajitas Array	38.49	7	P	P	06 33 56.2 +0.1
TXAR	Lajitas Ar. Si	38.49	7	IAMB	IAMB	06 34 31.2
TX31						
TX32	Lajitas Array	38.49	7	P	P	06 33 55.8 -0.3
BARC	Barichara	38.53	67	eP	P	06 33 56.6 -0.2
SMLC	San Martin de	38.66	64	eP	P	06 33 53.7 -3.9
TBTG	Tabatinga, AM	38.66	85	eP	P	06 33 58.2 +0.6
TBTG	Tabatinga, AM	38.66	85	P	P	06 33 58.2 +0.6
PATCX	Punta Patache	38.77	112	P	P	06 33 59.0 +0.4
PATCX						06 34 01.8
PATCX	comp=2.89nm,1.1s					
PATCX	comp=2.4um,19.0s					
PB16	IPOC Station P	38.94	108	P	P	06 34 00.7 +0.1
PB10	IPOC Station P	39.03	116	IAMS_20	IAMS_20	06 45 36.8
OCAC	Ocean	39.08	65	P	P	06 34 01.6 +0.2
PB04	IPOC Station P	39.10	114	IAMS_20	IAMS_20	06 45 37.8
PB07	IPOC Station P	39.20	113	P	P	06 34 02.1 -0.2
PB07						06 34 05.2
PB07						06 45 41.5
PB01	IPOC Station P	39.42	112	IAMB	IAMB	06 34 04.3 +0.2
PB01						06 34 07.9
PB01						06 45 40.5
PB14	IPOC Station P	39.46	118	IAMS_20	IAMS_20	06 45 58.1
PB08	IPOC Station P	39.56	111	P	P	06 34 05.0 -0.5
PB08						06 45 47.2
PB06	IPOC Station P	39.71	115	P	P	06 34 06.9 +0.4
PB06						06 34 09.8
PB06						06 45 35.8
TAMC	Tame, Arauca	39.74	68	eP	P	06 34 05.3 -1.4
PB09	IPOC Station P	39.80	113	P	P	06 34 08.2 +0.9
PB09						06 34 11.4
PB09						06 46 00.4
PB15	IPOC Station P	39.92	115	IAMS_20	IAMS_20	06 45 54.3
LPAZ	La Paz	40.01	104	P	P	06 34 10.3 +0.8
LPAZ	comp=2.19nm,0.8s,baz=277,slow=5.8,SNR=51					
LPAZ	La Paz	40.01	104	P	P	06 34 10.3 +0.8
LPAZ	Junction City	40.23	12	P	P	06 34 11.4 +0.8
JCT	Junction City	40.23	12	P	P	06 34 10.3 +0.8
JCT						06 34 13.4
319A	Douglas	40.25	359	P	P	06 34 09.9 -0.8
LVC	Limon Verde	40.28	114	P	P	06 34 12.6 +1.1
LVC						06 46 26.8
LVC	comp=2.4um,20.3s,baz=281,slow=30					
LVC	Limon Verde	40.28	114	P	P	06 34 11.1 -0.4
LVC						06 34 15.7
LVC	comp=2.71nm,1.3s					
LVC	Limon Verde	40.28	114	IAMS_20	IAMS_20	06 46 26.0
SOR	Soroa	40.37	98	P	P	06 34 11.8 0.0
SOR						06 34 13.8
LCO	Las Campanas	40.63	124	IAMS_20	IAMS_20	06 46 02.6
MNTX	Cornudas Mount	40.68	4	P	P	06 34 14.7 +0.5
MNTX						06 34 13.3 -0.9
MNTX	Hokley	40.70	17	P	P	06 34 13.9 -0.3
PPT	Papeete2	40.73	254	LR	LR	06 46 44.2
PPT2	Papeete2	40.74	254	eS	S	06 40 27.5 +2.2
PPT2	comp=2.609nm,26.2s					
PPT2						eLQ LQ
PPT2	comp=2.7um,29.8s					
PPT2						eLR LR
PPT2	comp=2.9um,26.0s,baz=78					
AF01	San Pedro de A	41.01	115	P	P	06 34 16.3 -1.2

435B	Jarrell	41.02	14	P	P	06 34 18.0 +1.0
435B						06 34 20.0
214A	comp=2.73nm,1.6s					
214A	Organ Pipe Nat	41.02	354	P	P	06 34 16.6 -0.5
214A	comp=2.974nm,24.9s					
TBI	Tubuai	41.60	245	eS	S	06 40 39.4 +1.4
TBI						eLQ LQ
TBI	comp=2.4um,31.2s					
TBI	comp=2.8um,27.8s,baz=73					eLR LR
TBI	Tubuai	41.60	245	eT	T	07 18 23.2
ETMB	Extrema	41.74	95	eP	P	06 34 22.0 -1.2
ETMB	Extrema	41.74	95	P	P	06 34 22.8 -0.4
SDV	Santo Domingo	41.77	66	LR	LR	06 49 06.6
SDV	comp=2.2um,21.0s,baz=238,slow=32					
SDV	Santo Domingo	41.77	66	eP	P	06 34 22.8 -0.8
SDV	Santo Domingo	41.77	66	eP	P	06 34 24.6 +1.0
SDV	Santo Domingo	41.77	66	eP	P	06 34 23.4 -0.2
SDV	Mohawk Valley,	41.93	35	P	P	06 34 24.0 0.0
WHTX	Lake Whitney,	42.21	14	P	P	06 34 27.5 +0.8
WHTX	baz=196					
WHTX	Lake Whitney,	42.21	14	P	P	06 34 26.7 0.0
WHTX						06 34 29.0
GO05	Huala	42.23	133	P	P	06 34 25.9 -1.1
GO05						06 34 29.0
441A	DeRidder	42.27	20	P	P	06 34 27.3 +0.1
PEL1	Peledhue	42.30	130	IAMS_20	IAMS_20	06 46 51.5
ABTX	Ablene, Hawie	42.35	11	P	P	06 34 29.1 +1.3
MT05	Renca	42.36	130	P	P	06 34 28.0 -0.2
MONP2	Monument Peak	42.42	350	P	P	06 34 30.2 +1.5
109C	Camp Elliot, M	42.54	349	IAMS_20	IAMS_20	06 47 37.8
BO01	Tunca	42.55	132	P	P	06 34 28.3 -1.3
BO01						06 34 31.8
237A	Washetta, Mont	42.64	16	P	P	06 34 31.5 +1.3
237A						06 34 33.1
NATX	comp=2.99nm,1.4s					
NATX	Nacogdoches	42.74	18	P	P	06 34 32.9 +1.9
NATX	Nacogdoches	42.74	18	P	P	06 34 31.1 +0.1
NATX						06 34 33.9
Y22D	IRIS PASSCAL I	42.96	2	IAMS_20	IAMS_20	06 49 06.9
BO02	Sierra Bellavi	42.96	132	P	P	06 34 32.5 -0.5
BO02						06 34 35.5
Y14A	Wickenburg	43.01	355	P	P	06 34 32.6 -0.6
PFO	Pinyon Flats O	43.13	350	IAMS_20	IAMS_20	06 47 53.5
342A	Flagon Creek P	43.14	20	P	P	06 34 34.4 +0.2
MXST	Muleshoe	43.18	7	P	P	06 34 35.0 -0.3
MXST	baz=188					
MXST	Muleshoe	43.18	7	P	P	06 34 34.5 +0.1
MURC	Murietta	43.25	349	P	P	06 34 35.4 +0.2
X16A	Lo Mia Camp, P	43.36	357	P	P	06 34 35.5 -0.7
X18A	Snowflake	43.41	358	P	P	06 34 36.0 -0.6
IRM	Iron Mountain	43.47	352	P	P	06 34 37.8 +0.8
Z35A	Perchaven, San	43.54	14	P	P	06 34 37.2 -0.2
Z35A						06 34 39.7
344A	Westbrook Farm	43.78	22	P	P	06 34 40.0 +0.6
ANMO	Albuquerque	43.85	2	P	P	06 34 41.0 +0.8
ANMO	Albuquerque	43.85	2	IAMS_20	IAMS_20	06 49 40.9 +0.7
ANMO	Albuquerque	43.85	2	IAMS_20	IAMS_20	06 49 47.4
W18A	Petrified Forest	43.99	359	P	P	06 34 39.9 -1.4
PASC	Padadena Art C	43.99	348	IAMS_20	IAMS_20	06 48 20.1
BAUV	El Bau	44.13	67	P	P	06 34 41.8 -0.8
LOOK	Love County	44.19	14	IAMB	IAMB	06 34 43.0 +0.3
LOOK						06 34 59.8
LC01	Cunco	44.24	138	P	P	06 34 42.3 -0.8
LC01						06 34 51.5
W13A	Hualapai Mount	44.24	354	P	P	06 34 42.7 -0.7
WUAZ	Wupatki	44.45	357	IAMS_20	IAMS_20	06 49 49.3
WMOK	Wichita Mount	44.56	11	P	P	06 34 45.8 +0.1
HATO	Hato, Curacao	44.66	62	IAMS_20	IAMS_20	06 50 43.3
Z41A	Richland Creek	44.70	19	P	P	06 34 47.8 +1.0
SAML	Samuel Creek	44.77	94	P	P	06 34 46.2 -1.5
GSC	Goldstone, Bar	44.84	350	P	P	06 34 47.9 -0.2
WLAR	White Oak Lake	45.00	18	P	P	06 34 48.7 -0.5
X37A	Clayton	45.20	15	P	P	06 34 50.1 -0.6
X37A						06 34 53.2
DWPF	Disney Wildern	45.34	34	IAMS_20	IAMS_20	06 52 05.8
U15A	North Rim	45.42	356	P	P	06 34 52.5 -0.3
U15A						06 35 07.6
OKCFA						

Table with columns: Station, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like AQDB Aquidauana, YBH Yreka Blue Hor, REDW Red Top Meadow, etc.

Table with columns: Station, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like PARB Paribauna, LONY Lonza, HNH Hanover, etc.

Table with columns: Station, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like MCK Mackinac Island, TRF Thorofare Moun, TRF Thorore Moun, etc.

11d 7h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JANB, ITTB, SJMB, etc.

Table with columns: Code, Station Name, and other technical details. Includes stations like H10S2, H10S3, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LPAZ, KEST, KESA, etc.

IDC 11 07:19:42.90.0.6, 37.34N:24.21E, h0km, mb3.8/5, m1 3.8/5, mb1mx3.5/49, mbtmp3.8/5, Error ellipse: s-maj=20.2km s-min=9.2km az=161.0

Main table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VLY, ATHU, KRND, etc.

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

TUL 11 07:20:21.6:0.9, 36.53N:0.02:98.71W:0.02, h5km, 2km, ML2:0.9, mb, LQ2.9/49(N/E/C), Error ellipse: s-maj=3.9km

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like U32A, OK032, CROK, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing astronomical data.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing astronomical data.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing astronomical data.

NNC 11 08:05:18.6:0.3, 43.22N:78.24E, h0km, mb3.4, mpv3.4, Error ellipse: s-maj=3.0km s-min=1.5km az=4.0

KRNET 11 08:05:19.0:0.1, 43.21N:78.21E, h18km, mb3.0 SOME 11 08:05:19.4, 43.22N:78.17E, h10km

ISC 11 08:05:19.3:0.8, 43.21N:0.02:78.21E, 0.02, h11km, 7km, n58, c088/124, 16C-9D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing astronomical data.

701

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, Time, Res, ISC. Includes stations like KAPS, KBK, CHMS, USP, AAK, UCH, BTLS, etc.

IDC 11 08:14:13.4, 2.2, 6.80N-73.08W, h154km, 27km, mb1 3.4/2, mb1 mx2.9/29, mbtmp3.9/2, Error ellipse: s-maj=193.6km s-min=7.8km az=132.0

RSNC 11 08:14:15.0, 1.2, 6.81N-73.17W, h142km, 4km, ML3.3 Mw3.7, Fault plane solution: NP1:phi:0.00000, delta:2.00000, 1.58.00000

ISC 11 08:14:12.8, 1.1, 6.81N-73.12W, 0.03, h156km, 6km, n35, c131, 68, 5C-4D, Northern Colombia

Main table for station 701, listing various seismic stations and their parameters.

2015 NOV

Main table for station 2015 NOV, listing various seismic stations and their parameters.

11d 9h

Main table for station 11d 9h, listing various seismic stations and their parameters.

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

SOF 11 09:01:33.3, 41.27N, 24.47E, h5km, MD2.5
ATH 11 09:01:34.7, 41.29N, 24.48E, h11km, 3km, ML2.1/8, Error ellipse: s-maj=3.6km s-min=1.3km az=209.0

THE 11 09:01:34.6, 41.30N, 24.46E, h9km, 1km, ML2.0/12, Error ellipse: s-maj=1.7km s-min=0.8km az=191.0

BE0 11 09:01:40.9, 1.0, 41.47N, 24.25E, h14km, 7km, ML2.0/6

ISC 11 09:01:33.6, 1.0, 41.34N, 0.02, 24.49E, 0.02, h13km, 8km, n38, c970/60, Greece-Bulgaria border region

Main table of station data for the left column, including KAVA, RZN, KVLA, NVR, etc.

Main table of station data for the middle column, including CO05, LCO, Las Campanas, etc.

SJA 11 09:07:38.4, 2.6, 29.60S, 72.69W, h10km, ML4.9, MW5.0
NEIC 11 09:07:44.5, 29.66S, 72.14W, h14km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr7.73; Mw1.52; Mv9.25; Mw1.00; Mv9.03; Mw4.54; Fault plane solution: Mw7.70000x10^19; NP130x173.70000x32.94000; lambda8.0000; NP230x11.26000; S31.0000; 1.105.02000. Principal axes: T 9.0134, Plg4.0000; Azm60.0000; N 1.3716, Plg8.0000; Azm178.0000; P -10.3850, Plg14.0000; Azm270.0000;

IDC 11 09:07:44.4, 0.5, 29.59S, 71.94W, h0km, mb4.5/13, mb1 4.5/18, mb1mx4.4/28, mbtmp4.4/18, ML4.5/5, MS4.0/9, Ms1 4.0/9, ms1mx3.7/24 Error ellipse: s-maj=20.8km s-min=14.0km az=96.0

GUC 11 09:07:45.0, 0.3, 29.64S, 72.07W, h39km, 3km, ML5.1, VAO 11 09:07:45.0, 0.3, 29.60S, 72.03W, h10km, mb4.7

NEIC 11 09:07:45.2, 1.9, 29.65S, 0.04, 72.10W, 0.04, h10km, 1km, mb5.0/46, Mw4.6/54, ML5.1 (GUC), Error ellipse: s-maj=1.1km s-min=0.5km az=266.0

ISC 11 09:07:47.0, 0.8, 29.83S, 0.03, 72.12W, 0.05, h29km, 5km, h29km; PP-P, n218, r149/235, mb4.9/30, MS4.2/5, 2C-4D

Off coast of central Chile

Table of station data for the middle column, including La Serena, Fray Jorge, Tololo Observa, etc.

Main table of station data for the right column, including ACDD, ACDDV, ACCO, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like PTGA Pitinga, PRPB Parauapebas, GUA01 Guaratinga, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like ZALV Zalesovo Beam, KARAGAYBULAK Karagaybulak, TKM2 Tokmak 2, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like BO01 Sierra Bellav, BO02 Sierra Bellav, BO03 Sierra Bellav, etc.

11d 10h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBK Karayagbulak, MTBS Matube, SATY Saty, etc.

ADC 11 09:57:23.0-7.9, 54.39N x 162.08W, h0km, mb4.0/11, mb1 4.2/14, mb1mx3.9/51, mbtmp4.0/14, ML4.0/3, MS3.1/5, Ms1 3.1/5, ms1mx2.7/68, Error ellipse: s-maj=21.2km s-min=15.2km az=171.0

NEIC 11 09:57:30.2-2.1, 8.54339N, 0.04-161.66W, 0.04, h45km, 8km, mb4 6/25, ML4.3/12, ML4.1/64(AEIC), Error ellipse: s-maj=5.9km s-min=1.9km az=209.0

AEIC 11 09:57:30.6-2.5, 54.39N, 0.04-161.69W, 0.03, h20km, 5km, Error ellipse: s-maj=5.8km s-min=2.5km az=192.0

ISC 11 09:57:30.5-1.0, 54.46N, 0.07-161.68W, 0.03, h49km, 10km, n174, a1931/177, mb4.3/21, MS2.9/3, Alaska

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DRIA Deer Island, DT1 Dutton Round H, HAG Hague Volcano, etc.

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Main table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VNFQ Fog Glacier, VNSG Veniaminof, UNV Unalaska Valle, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PDAR Pinedale Array, ULM Lac du Bonnet, SUSD Miller, etc.

ADC 11 10:04:15.1-0.9, 58.47S x 25.91W, h0km, mb4.1/7, mb1 4.2/7, mb1mx3.9/26, mbtmp4.1/7, Error ellipse: s-maj=29.9km s-min=26.9km az=57.0

NEIC 11 10:04:24.9-1.9, 58.55S, 0.1-26.1W, 0.2, h77km, 7km, mb4 6/22, Error ellipse: s-maj=16.5km s-min=12.4km az=225.0

ISC 11 10:04:27.8-0.5, 58.45S, 0.08-26.1W, 0.08, h107km, n42, a1714/2, mb4.2/12, South Sandwich Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, etc.

11d 11h

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like H08S3, H08S1, DGAR, etc.

708

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARMA, GOSZ, GOSI, etc.

KRSR	comp=Z,0.5nm,0.4s,baz=287,slow=2.2,SNR=3.3	S	S	12 00 58.3 +2.5		
KRSR	comp=Z,0.4nm,0.3s,baz=166,slow=3.9,SNR=1.1	LR	LR	12 16 31.0		
BJI	comp=Z,170nm,18.8s,baz=209,slow=38	P	P	11 54 01.1 +1.0		
BJI	Beijing	48.79	6	P	11 54 22.1 -1.5	
BJI			pP	pP	11 54 28.5 -6.2	
BJI			sP	sP	12 00 55.4 -0.3	
BJI			S	S		
BJI	comp=Z,830nm,0.8s	LR	LR			
BJI	comp=Z,280nm,15.5s	LR	LR			
BJI	comp=Z,460nm,16.1s	LR	LR			
KS19	Wonju Array Si	48.81	19	P	11 54 01.0 +0.7	
KS19			IAMB	IAMB	11 54 02.5	
GTA	comp=Z,313nm,1.1s	11 54 02.4 +1.8				
GTA	Gaotai	48.83	349	1	P	11 59 11.9 +1.8
GTA			ScP	ScP	12 00 57.6 +1.0	
GTA			S	S	12 03 43.0 -0.4	
GTA			ScS	ScS		
GTA	comp=Z,210nm,1.3s		pmax	pmax		
GTA	comp=Z,1µm,6.5s		LR	LR		
GTA	comp=Z,610nm,21.1s		LR	LR		
GTA	comp=Z,480nm,20.7s		LR	LR		
GTA	comp=Z,850nm,21.8s		LR	LR		
AYAN	Aya Nagar	48.89	320	eP	P	11 53 59.6 -1.4
NDI	New Delhi	48.97	321	eP	P	11 54 00.4 +1.3
HNR	Honiara	49.03	95	P	P	11 54 02.8 +0.3
HNR			pmax	pmax		
HNR	comp=Z,163nm,0.8s	49.03	95	P	IAMB	11 54 02.8 +0.3
HNR	Honiara	49.03	95	P	P	11 54 03.8 +1.3
HNR			P	P		
BTO	Baotou	49.05	360	eP	S	11 54 04.3 +2.1
BTO			S	S	12 01 04.0 +4.4	
BTO			LR	LR		
BTO	comp=Z,1µm,7.3s		LR	LR		
KUDL	Kundal	49.06	319	eP	P	11 54 01.4 -1.0
KUDL			x	x	11 55 49.0	
AJM	Ajmer	49.18	316	1	P	11 54 02.9 -0.5
HHC	Hu-ho-hao-te	49.30	1	eP	pP	11 54 05.4 +1.2
HHC			S	S	11 54 30.7 +2.9	
HHC			S	S	12 01 02.1 -1.1	
HHC	comp=Z,490nm,1.1s		pmax	pmax		
HHC	comp=Z,270nm,6.6s		LR	LR		
HHC	comp=Z,480nm,17.9s		LR	LR		
HHC	comp=Z,280nm,14.0s		LR	LR		
HHC	comp=Z,610nm,15.8s		LR	LR		
DDI	Dehra Dun	49.62	323	eP	P	11 54 05.6 -1.1
JWT	Wachi	49.76	27	P	IAMB	11 54 08.0 +0.4
INU	Inuyama	50.56	28	IAMB	IAMB	11 54 15.1
INU	comp=Z,255nm,1.0s	50.56	28	P	P	11 54 13.8 +0.2
SMLA	Simla	50.73	323	eS	S	11 54 14.3 -0.6
SMLA			eS	eS	12 01 17.5 -5.6	
JGF	Kuroka	50.92	29	IAMB	IAMB	11 54 17.3
SNY	comp=Z,36nm,1.0s	51.73	13	1	P	11 54 22.0 -0.3
SNY	Shenyang		sP	sP	11 54 54.1 -2.8	
SNY			pmax	pmax		
SNY	comp=Z,350nm,0.8s		pmax	pmax		
SNY	comp=Z,1µm,2.6s		LR	LR		
SNY	comp=Z,410nm,15.2s		LR	LR		
SNY	comp=Z,380nm,17.6s		LR	LR		
SNY	comp=Z,870nm,19.3s		LR	LR		
DHRM	DHARAMSHALA	52.04	323	1	P	11 54 24.3 -0.7
JSL	Jaisalmer	52.06	314	eP	P	11 54 25.2 +0.2
MAJO	Matsushiro	52.09	29c	1	P	11 54 24.3 -0.8
MAJO			pmax	pmax		
MAJO	comp=Z,315nm,1.2s	52.09	29	P	IAMB	11 54 24.4 -0.6
MAJO	Matsushiro	52.09	29	P	P	11 54 24.3 -0.8
MAJO	Matsushiro	52.09	29	P	P	11 54 24.1 -1.0
MAT	Matsushiro Arr	52.09	29	S	P	12 01 38.8 -2.9
MJAR	comp=Z,172nm,0.9s,baz=202,slow=7.5,SNR=221	52.09	29	P	P	11 54 24.0 -1.1
MJAR			ScP	ScP	11 55 22.9 -1.1	
MJAR	comp=Z,1.2nm,0.6s,baz=202,slow=6.2,SNR=3.7		LR	LR	12 16 15.3	
JSD	Sado	53.33	28	P	P	11 54 34.0 -0.1
KOUNC	Koumace, New Ca	53.36	109	P	P	11 54 36.5 +1.7
CN2	Changchun	54.03	14	eS	S	11 54 38.7 -0.5
CN2			eS	eS	12 02 04.8 -2.9	
CN2	comp=Z,200nm,1.0s		pmax	pmax		
CN2	comp=Z,100nm,3.0s		LR	LR		
CN2	comp=Z,400nm,18.0s		LR	LR		
CN2	comp=Z,400nm,18.0s		LR	LR		
CN2	comp=Z,500nm,21.3s		LR	LR		
JMM	Marumori	54.39	30	P	IAMB	11 54 41.5 -0.3
JMM			IAMB	IAMB	11 54 43.6	
MSHR	Myrs Shuitsa	54.48	19c	1	P	11 54 42.6 +0.2
MSHR			pmax	pmax		
VLA	Vladivostok	55.19	19c	1	P	11 54 47.8 +0.2
VLA			pmax	pmax		
DZM	Mont Dzumac	55.49	111	eP	P	11 54 51.4 +1.1
DZM	Mont Dzumac	55.49	111	P	P	11 54 50.0 -0.3
DZM	Mont Dzumac	55.49	111	P	P	11 54 52.6 +2.3
ONTNC	Ouen Toro	55.52	111	IAMB	IAMB	11 54 51.3 +0.9
ONTNC			IAMB	IAMB	11 54 52.4	
ONTNC	comp=Z,53nm,0.8s	55.52	111	P	P	11 54 52.6 +2.2
MDJ	Mudanjiang	55.86	17	P	P	11 54 52.6 +0.3
MDJ			pmax	pmax		
MDJ	comp=Z,280nm,1.1s		pmax	pmax		
MDJ	comp=Z,1µm,3.5s		pmax	pmax		
OUENC	Ouen Island, N	55.88	111	P	P	11 54 54.7 +1.7
OUENC	Ouen Island, N	55.88	111	P	P	11 54 55.9 +2.9
YATNC	Mamie plateau, U	55.90	111	P	P	11 54 56.1 +3.0
WMQ	Urumqi	56.13	340	1	P	11 54 55.7 +1.3
WMQ			pP	pP	11 55 14.3 -4.1	
WMQ			pmax	pmax		
WMQ	comp=Z,580nm,1.3s		pmax	pmax		
WMQ	comp=Z,720nm,4.9s		LR	LR		
WMQ	comp=Z,630nm,20.1s		LR	LR		
WMQ	comp=Z,500nm,16.3s		LR	LR		
LIFNC	LIFOU	56.14	109	P	IAMB	11 54 55.1 +0.2
LIFNC			IAMB	IAMB	11 54 56.6	
LIFNC	comp=Z,212nm,1.1s	56.14	109	P	P	11 54 55.9 +1.1
LIFNC	comp=Z,212nm,1.2s	56.20	19	P	P	11 54 55.1 +0.4
USRK	Ussuriysk Ar.	56.30	111	P	LR	12 19 14.7
USRK	comp=Z,349nm,0.9s,baz=207,slow=5.3,SNR=315		LR	LR		
ULN	Ulaanbaatar	56.38	357	cP	P	11 54 57.1 +0.9
ULN			pmax	pmax		

ULN	Ulaanbaatar	56.38	357	P	P	11 54 57.5 +1.3
ULN	Ulaanbaatar	56.38	357	P	P	11 54 57.2 +1.1
SOMN	Songino Array	56.38	357	P	P	11 54 57.2 +1.1
SOMN	comp=Z,326nm,0.7s,baz=178,slow=8.1,SNR=1978		ScP	ScP	11 59 43.3 +0.7	
SOMN	comp=Z,6.6nm,1.1s,baz=191,slow=3.0,SNR=2.7		S	S	12 02 39.1 -0.1	
SOMN	comp=Z,0.4nm,0.5s,baz=358,slow=40,SNR=1.4		LR	LR	12 21 36.8	
SOMN	comp=Z,530nm,19.2s,baz=171,slow=38		LR	LR	12 24 50.3 +0.1	
SOMN	comp=Z,1.1nm,0.9s,baz=329,slow=1.7,SNR=5.0		P	P	11 54 57.1 +1.0	
SOMN	Songino Array	56.38	357	P	P	11 54 58.6 +1.6
PINNC	Pines Island,	56.46	111	IAMB	IAMB	11 55 13.7
PINNC			IAMB	IAMB		
PINNC	comp=Z,105nm,1.1s	56.46	111	P	P	11 54 59.4 +2.3
PINNC	Pines Island,	56.46	111	P	P	11 55 03.5 +3.2
MARNC	Mare, Loyalty	56.92	110	P	P	11 55 02.6 -1.1
CASY	Casey	57.51	180	IAMB	IAMB	11 55 04.3
CASY			IAMB	IAMB		
CASY	comp=Z,63nm,1.1s		IAMB	IAMB		
KSH	Kashi	57.54	329	1	P	11 55 03.4 -1.1
KSH			S	S	12 02 49.4 -5.4	
KSH			SS	SS	12 06 43.1 -3.5	
KSH			pmax	pmax		
KSH	comp=Z,500nm,0.8s		LR	LR		
KSH	comp=Z,440nm,13.2s		LR	LR		
KSH	comp=Z,220nm,4.5s		LR	LR		
KSH	comp=Z,260nm,6.4s		LR	LR		
KBL	Kabul	58.05	320	P	P	11 55 07.9 -0.4
KBL			pmax	pmax		
KBL	comp=Z,409nm,0.9s	58.05	320	P	P	11 55 08.0 -0.4
KBL	Kabul	58.05	320	P	P	11 55 07.9 -0.4
KBL	SNR=248	58.05	320	P	IAMB	11 55 10.8
HIA	Hailar	58.30	7	IAMB	IAMB	
TEY	Ternei	58.51	221	eP	P	11 55 10.4 -0.5
TEY			eS	eS	12 03 04.2 -1.9	
TEY			pmax	pmax		
TEY	comp=E,200nm,2.4s		pmax	pmax		
TEY	comp=Z,500nm,2.3s		pmax	pmax		
TEY	comp=N,200nm,2.9s		pmax	pmax		
TEY	comp=E,300nm,5.5s		smax	smax		
TEY			smax	smax		
JLN	comp=N,300nm,4.4s	58.51	303	P	P	11 55 12.2 +0.8
JLN	Hailan Bani Bush	58.51	303	P	P	11 55 12.2 +0.8
JLN	SNR=34		P	P		
SHLS	Shalkode	58.73	334	eP	P	11 55 14.8 +2.1
SHLS			pmax	pmax		
SHLS	comp=Z,293nm,0.7s		pmax	pmax		
UZB	Uzynbulak	58.91	334	1	P	11 55 14.9 +0.9
UZB			1	P		
UZB	comp=Z,243nm,0.6s,baz=334		eS	eS	12 03 11.6 -1.1	
UZB	baz=334		S	S		
UZB	Uzynbulak	58.91	334c	1	P	11 55 14.8 +0.8
UZB			eS	eS	12 03 11.5 -1.1	
UZB			pmax	pmax		
WBK	Wadi Bani Khal	59.08	303	P	P	11 55 16.9 +1.5
WBK	SNR=23		P	P		
SATY	Saty	59.11	333	1	P	11 55 16.2 +0.8
SATY	comp=Z,220nm,0.8s,baz=334		eS	eS	12 03 15.2 0.0	
SATY			eS	eS		
SATY	comp=Z,196nm,2.8s,baz=334		eS	eS	11 55 16.2 +0.8	
SATY	Saty	59.11	333c	1	P	12 03 15.1 0.0
SATY			eS	eS		
SATY	comp=Z,220nm,0.8s		pmax	pmax		
SATY			smax	smax		
ZAK	Zakamensk	59.14	355	eP	P	11 55 15.8 +0.4
ZAK			pmax	pmax		
DQM	comp=Z,212nm,1.4s	59.17	299	P	P	11 55 17.3 +1.3
DQM	SNR=35		P	P		
KPKS	Kokpek	59.31	334	1	P	11 55 17.4 +0.7
KPKS	comp=Z,304nm,0.8s,baz=334		eS	eS	12 03 17.5 -0.1	
KPKS	baz=334		S	S		
KPKS	Kokpek	59.31	334c	1	P	11 55 17.4 +0.7
KPKS			eS	eS	12 03 17.5 -0.1	
KPKS			pmax	pmax		
ULHL	Ulahor	59.48	331	P	P	11 55 18.7 +0.7
ULHL	SNR=7.3		P	P		
WSAR	Wadi Sarin	59.63	303	P	P	11 55 20.1 +0.8
WSAR	comp=Z,208nm,0.8s,baz=139,slow=6.5,SNR=80		P	P	11 55 17.4 -4.9	
WSAR			P	P		
WSAR	comp=Z,2.4nm,0.7s,baz=45,slow=15,SNR=1.2		P	P	11 55 20.0 +0.8	
WSAR	Wadi Sarin	59.63	303	P	P	
SOCY	Socotra	59.66	290	P	P	11 55 20.3 +0.7
SOCY	Jalan	59.66	290	P	P	11 55 20.5 +0.9
SOCY	Socotra	59.66	290	P	IAMB	11 55 48.0
SOCY			IAMB	IAMB		
JMDO	comp=Z,91nm,1.0s	59.70	302	P	P	11 55 20.0 +0.3
JMDO	Jabal Madar	59.70	302	P	P	11 55 20.6 +0.3
JMDO	SNR=43		P	P		
MDOK	Medeo	59.81	332	1	P	11 55 20.6 +0.3
MDOK	baz=333		S	S	12 03 23.3 -0.9	
MDOK	Medeo	59.81	332	1	P	11 55 20.5 +0.3
MDOK			S	S	12 03 23.2 -0.9	
MDOK			IAMB	IAMB	11 55 22.0	
MCQ	Macquarie Isla	59.83	150	IAMB	IAMB	
MCQ	comp=Z,159nm,1.0s		IAMB	IAMB		
AAA	Alma-Ata	59.91	332	1	P	11 55 20.8 0.0
AAA	baz=333		eS	eS	11 55 20.3 -1.8	
AAA	baz=333		S	S		
AAA	Alma-Ata	59.91	332c	eP	P	12 03 20.8 0.0
AAA			eS	eS	12 03 23.4 -1.8	
SMDO	Samad	60.04	303	P	P	11 55 22.3 +0.2
SMDO	SNR=8		P	P		
SHAO	Shalim	60.12				

11d 11h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like IUG, MSFE, MASF, LBZ, BTLS, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like DGTI, LKBA, ATD, BVAR, etc.

710

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

11d 12h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MSO Missoula, NVAR Mina Array Bea, NVAR comp-Z, 6.1nm, 0.8s, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like P49A Tazewell, W41B Gary Mavly, N54A Moraine State, X40A Basin Creek Fa, etc.

712

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like STON Ston, STON Ston, STON Ston, BLY Banja Luka, etc.

11d 12h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FRNY Flat Rock, KNB Kanab, SRU San Rafael, etc.

714

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KVN Kaiserville, RYN Ryan, ULM Lac Du Bonnet, etc.

715

EDM	comp=Z,14nm,0.8s		pmax	pmax		
EDM	Edmonton	48.83 338	P	I	12 17 30.8 -0.9	
EDM	comp=Z,14nm,0.8s		I	Amb	12 17 40.6	
MC01	Montes Claros	48.93 122	eP	P	12 17 33.5 +0.4	
B06A	Marblemont	48.98 329	I	Amb	12 17 45.4	
RCLB	Rio Claro - Sao	49.17 131	eP	P	12 17 35.0 +0.2	
NBCL	Cascavel-CE	49.24 104	eP	P	12 17 35.2 -0.2	
NBPN	Ponto Novo - B	49.66 113	eP	P	12 17 38.5 -0.1	
NBMA	Muriti-CE	49.75 108	eP	P	12 17 39.4 0.0	
TJ01	Guaruva-PR	49.88 135	eP	P	12 17 40.9 +0.7	
VAO	Valinhos	49.93 131	eP	P	12 17 41.0 +0.4	
DIAM	Diamantina MG	49.94 124	eP	P	12 17 41.0 +0.2	
PET01	Hanhaem-SP	50.47 123	eP	P	12 17 44.2 +0.2	
BSCB	Bom Sucesso	50.47 127	eP	P	12 17 44.7 0.0	
CPSB	Cacapava Do Su	50.48 143	eP	P	12 17 44.6 +0.1	
LLBL	Lillooet	50.54 331	I	Amb	12 17 52.2	
NBPA	Parau RN	50.81 106	eP	P	12 17 47.9 +0.6	
PARB	Parabuna	51.13 130	eP	P	12 17 50.0 +0.4	
GDU01	Guandu, BA	51.36 116	eP	P	12 17 51.5 +0.1	
PLTB	Pedras Altas	51.38 145	eP	P	12 17 51.1 -0.2	
PLTB	Pedras Altas	51.38 145	eP	P	12 17 50.6 -0.7	
NBLV	Livramento - P	51.48 107	eP	P	12 17 52.7 +0.3	
LL04	Puerto Octay	51.78 167	P	I	12 17 53.1 +0.4	
LL04	Puerto Octay	51.78 167	I	Amb	12 17 57.4	
TER01	Tubarao-SC	51.87 138	eP	P	12 17 55.2 +0.2	
NBLA	Lagarto - SE	51.91 112	eP	P	12 17 55.3 -0.2	
NBIT	Itapeti - BA	51.97 137	eP	P	12 17 56.4 +0.2	
PLCA	Paso Flores	52.05 165	P	P	12 17 55.3 +0.2	
PLCA	comp=Z,20nm,1.0s,baz=341,slow=8.4,SNR=25					
PLCA	Paso Flores	52.05 165	P	P	12 17 55.8 -0.4	
PLCA	comp=Z,31nm,1.1s					
PLCA	Paso Flores	52.05 165	P	P	12 17 56.5 +0.4	
PLCA	Paso Flores	52.05 165	P	P	12 17 55.8 -0.4	
PLCA	comp=Z,31nm,1.1s					
CMC01	Camacan, BA	52.09 118	eP	P	12 17 57.0 +0.2	
MAN01	Angra dos Reis	52.12 129	eP	P	12 17 57.3 +0.3	
SJMB	Sao Joao De Ma	52.20 123	eP	P	12 17 57.8 +0.0	
VAS01	Vassouras-RJ	52.20 128	eP	P	12 17 57.6 0.0	
GUA01	Guaratinga, BA	52.38 120	eP	P	12 17 59.5 +0.5	
BSFB	Barra Sao F	52.54 123	eP	P	12 17 56.4 +0.2	
NBVP	Pedro Velho	52.73 106	eP	P	12 18 01.8 +0.1	
NBAN	Anadia - RJ	52.84 110	eP	P	12 18 02.7 +0.2	
DUB01	Friburgo-AL	52.94 127	eP	P	12 18 03.4 +0.3	
RIB01	Linhares ES	53.14 123	eP	P	12 18 04.4 -0.2	
CAM01	Campos-RJ	53.37 126	eP	P	12 18 05.6 +0.3	
ALFO	Alfama ES	53.17 124	eP	P	12 18 07.5 +0.3	
NBRF	Rio Formoso -	53.58 108	eP	P	12 18 08.5 +0.6	
COYC	Coyhaique	56.31 169	I	Amb	12 18 28.5	
YKA	Yellowknife Ar	56.75 344	P	P	12 18 28.5 -1.5	
YKA	comp=Z,4.2nm,0.5s,baz=151,slow=4.2,SNR=22					
YKA	comp=Z,3.8nm,0.8s,baz=137,slow=5.7,SNR=4.1					
YKA	comp=Z,4.13nm,20.1s,baz=0.0,slow=38					
TAOE	Nuku Hiva Isla	57.20 253	eS	S	12 26 22.9 -4.9	
TAOE	comp=Z,326nm,26.4s					
TAOE	comp=Z,811nm,26.0s					
TAOE	Nuku Hiva Isla	57.20 253	eT	T	13 20 28.1	
DLBC	Dease Lake	59.15 335	I	Amb	12 18 57.6	
TGTN	Hyland Airport	60.38 338	P	P	12 18 56.5 +1.1	
SFJD	Kangerlussuaq	61.97 15	P	P	12 19 04.3 -1.6	
MMPY	Sheldon Lake	62.17 338	P	P	12 19 08.3 +0.8	
M31M	Drury Creek, Y	63.11 337	P	P	12 19 16.5 +2.9	
N31M	Braeburn, Yuko	63.27 336	P	P	12 19 17.9 +3.2	
M30M	Minto, Yukon	64.25 336	P	P	12 19 21.8 +0.5	
CTG	Chitna Glacier	65.36 334	P	P	12 19 32.4 +3.8	
BVCY	Beaver Creek	65.81 335	P	P	12 19 32.5 +1.1	
DAWY	Dawson	66.02 337	P	P	12 19 32.5 -0.3	
M27K	Edge Creek, AK	66.21 335	P	P	12 19 36.2 +2.1	
EPYK	Eagle Plains	66.27 340	P	P	12 19 34.8 +0.6	
EPYK	Eagle Plains	66.27 340	I	Amb	12 19 37.6	
I29M	Ogilvie Camp,	66.28 339	P	P	12 19 34.6 +0.3	
INK	Inuvik	66.38 343	LR	LR	12 20 29.2	
INK	comp=Z,496nm,21.7s,baz=127,slow=38					
INK	Inuvik	66.38 343	P	P	12 19 35.2 +0.4	
INK	comp=Z,15nm,0.9s					
VRDI	Verde Repeater	66.40 333	I	Amb	12 19 38.0	
L27K	Beaver Creek,	66.51 336	P	P	12 19 37.1 +1.2	
L27K	Beaver Creek,	66.51 336	I	Amb	12 19 39.8	
A36M	Sachs Harbour	66.75 348	P	P	12 19 36.1 -1.1	
BMRM	Bremner River	66.80 333	P	P	12 19 40.9 +3.1	
EGAK	Eagle	67.04 337	P	P	12 19 40.0 +0.9	
EGAK	Eagle	67.04 337	I	Amb	12 19 51.9	
N25K	Chitina, Valde	67.05 334	P	P	12 19 40.9 +1.5	
N25K	Chitina, Valde	67.05 334	I	Amb	12 19 44.8	
L26K	Log Cabin Wild	67.11 335	P	P	12 19 41.1 +1.4	
L26K	Log Cabin Wild	67.11 335	I	Amb	12 19 46.4	
MENT	Mentasta	67.23 335	I	Amb	12 19 44.3	
KLU	Klutina	67.59 333	P	P	12 19 45.0 +2.1	
KLU	Klutina	67.59 333	I	Amb	12 20 02.6	
HARP	HAARP	67.61 334	P	P	12 19 44.6 +1.8	
SCRK	Sand Creek	67.78 336	P	P	12 19 45.2 +1.2	
SCRK	Sand Creek	67.78 336	P	P	12 19 45.2 +1.2	
J26L	Joseph Creek	67.84 337	P	P	12 19 46.2 +1.9	
PAX	Paxson	67.97 335	P	P	12 19 46.1 0.0	
PAX	Paxson	67.97 335	I	Amb	12 19 41.8 +0.8	
RIDG	Independent Ri	68.03 336	P	P	12 19 46.9 +1.4	
RIDG	Independent Ri	68.03 336	I	Amb	12 19 48.0	
J25K	Salcha River,	68.59 336	P	P	12 19 50.1 +1.1	
PPT	Papeete	68.60 247	LR	LR	12 41 26.9	
PPT2	Papeete2	68.61 247	eS	S	12 28 46.0 -4.5	
PPT2	comp=Z,622nm,29.0s					
PPT2	Papeete2	68.61 247	eLR	LR	12 40 33.6	
KNK	Knik Glacier	68.70 333	P	P	12 19 51.0 +1.3	
SML	Sawmill	68.78 333	P	P	12 19 51.2 +1.0	
SML	Sawmill	68.78 333	I	Amb	12 19 55.5	
WAT6	Susitna Watana	69.79 334	P	P	12 19 51.5 +1.1	
LDH4	Denali Highway	68.82 335	P	P	12 19 51.7 +1.2	
SUMG	Summit	68.89 14	P	P	12 19 50.2 -1.0	
SUMG	comp=Z,17nm,1.1s					

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SUMG	Summit	68.89 14	P	I	12 19 50.2 -1.0	
SUMG	comp=Z,17nm,1.1s					
GHO	Glory Hole Cre	69.03 333	P	P	12 19 51.6 -0.2	
PMR	Palmers	69.07 333	P	P	12 19 52.3 +0.4	
PMR	Palmer	69.07 333	I	Amb	12 19 58.8	
HDA	Harding Lake	69.14 336	P	P	12 19 53.1 +0.8	
HDA	Harding Lake	69.14 336	I	Amb	12 19 56.9	
RC01	Rabbit Creek A	69.18 332	P	P	12 19 53.8 +1.2	
WAT1	Susitna Watana	69.23 334	P	P	12 19 54.4 +1.4	
IL31	comp=Z,2.1nm,0.8s	69.25 336	I	Amb	12 19 56.5	
ILAR	Eielson Array	69.25 336	P	P	12 19 53.4 +0.3	
ILAR	comp=Z,1.4nm,0.6s,baz=118,slow=4.5,SNR=86					
ILAR	comp=Z,1.1nm,0.9s,baz=96,slow=5.5,SNR=3.5					
ILAR	comp=Z,280nm,21.4s,baz=120,slow=38					
FYU	Fort Yukon	69.35 338	I	Amb	12 19 58.6	
POKR	Poker Flat Res	69.60 337	P	P	12 19 55.9 +0.7	
POKR	Poker Flat Res	69.60 337	I	Amb	12 20 00.6	
KDAK	Kodiak Island	69.62 328	P	P	12 19 56.6 +1.2	
COLA	College	69.67 336	eP	P	12 19 57.1 +1.5	
COLA	comp=Z,49nm,1.9s					
COLA	College	69.67 336	P	I	12 19 56.1 +0.5	
COLA	comp=Z,20nm,0.8s					
TCOL	CIGO, UAF Yank	69.68 336	P	P	12 19 57.1 +1.5	
TCOL	CIGO, UAF Yank	69.68 336	I	Amb	12 19 59.9	
MCK	McKinley	69.71 335	P	P	12 19 57.0 +1.1	
SUA	Susitna One	69.76 332	P	P	12 19 57.2 +0.9	
MDM	Murphy Dome	69.86 336	I	Amb	12 20 21.1	
H24K	Noodor Dome	70.05 337	P	P	12 19 59.0 +1.0	
H24K	Noodor Dome	70.05 337	I	Amb	12 20 02.8	
NEA2	Nenana	70.06 336	P	P	12 19 58.7 +0.7	
NEA2	Nenana	70.06 336	I	Amb	12 20 01.5	
TRF	Thorofore Mtn	70.18 334	P	P	12 19 59.9 +0.9	
SPCR	Spurr Chakacha	70.36 332	P	P	12 20 01.0 +1.1	
I23K	Minto, Yukon-K	70.37 336	P	P	12 20 01.1 +1.2	
I23K	Minto, Yukon-K	70.37 336	I	Amb	12 20 04.7	
TBI	Tubuai	70.38 241	eS	S	12 29 08.2 -2.9	
TBI	Tubuai	70.38 241	eLR	LR	12 41 24.7	
P19K	Oil Pt	70.43 330	P	P	12 20 01.1 +0.7	
Q19K	Cape Douglas,	70.45 329	P	P	12 20 02.2 +1.7	
KTH	Kantishna Hill	70.48 334	I	Amb	12 20 28.6	
H23K	Yukon River	70.68 337	I	Amb	12 20 02.7 +0.9	
H23K	Yukon River	70.68 337	I	Amb	12 20 04.0	
BPBW	Bear Paw Mtn.	70.69 335	P	P	12 20 02.7 +0.9	
BPBW	Bear Paw Mtn.	70.69 335	I	Amb	12 20 04.5	
PPLA	Purkeypile	70.83 334	I	Amb	12 20 03.7 +0.8	
PPLA	Purkeypile	70.83 334	I	Amb	12 20 06.4	
MLY	Manley	70.88 336	P	P	12 20 04.0 +1.0	
MLY	Manley	70.88 336	I	Amb	12 20 06.7	
CAST	Castle Rocks	70.94 334	P	P	12 20 03.6 +1.0	
CAST	Castle Rocks	70.94 334	I	Amb	12 20 05.7	
O19K	Port Alsworth	71.09 331	P	P	12 20 05.2 +0.8	
CHUM	Lake Minchum	71.18 335	P	P	12 20 05.9 +1.1	
N19K	Bonanza Creek	71.32 331	P	P	12 20 06.5 +0.6	
N19K	Bonanza Creek	71.32 331	I	Amb	12 20 09.8	
N19K	Bonanza Creek	71.32 331	I	Amb	12 20 09.8	
COLD	Coldfoot	71.42 338	P	P	12 20 08.0 +1.7	
COLD	Coldfoot	71.42 338	I	Amb	12 20 19.9	

IDC 11 12:47:21.0,3.7,49.71N;176:21W,h0km,mb3.6/4, mb1.3/9.4,mb1mx3.4/5.1,mbtmp3.7/4, Error ellipse: s-maj=84.2km s-min=35.6km az=23.0

NEIC 11 12:47:26.1,1.0,50.05N;170:176.3W,0.1,1,h29km,10km, Error ellipse: s-maj=14.5km s-min=9.4km az=174.0

AEIC 11 12:47:26.0,6.50,12N;10:05.176:4W,0.1,1,h12km,7km, ML2.9, Error ellipse: s-maj=10.4km s-min=7.6km az=73.0

ISC 11 12:47:24.2,5.1,50.10N;176:32W,0.07,h10km,n17, r194/21,Andreasof Islands

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

NORS 11 12:50:08.5,0.40,2.89N;44:61E,h6km,MPVA3.1

TIF 11 12:50:08.9,42.88N;44:65E,h0km,1km

ISC 11 12:50:10.5,1.0,42.88N;10:02:44:60E,0.02,h7km,8km, n18, r163/35,Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VLKR Vladikavkaz, MTEO Meteo, LACR Lac, etc.

ISK 11 13:00:03.1,36:15N;33:54E,h0km,ML1.7/1.1, Suspected Mining explosion, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AKK1 Akkuyu-Mersin, AKK2 Akkuyu-Mersin, etc.

NIC 11 13:00:40.7,0.0,34:96N;32:12E,h16km,2km,MI2.1/3,2C, Cyprus region

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

IDC 11 13:20:58.2,0.9,21.67N;143:03E,h299km,8km,mb3.9/37, mb1.4/0.41,mb1mx3.9/7.0,mbtmp4.6/41, Error ellipse: s-maj=11.0km s-min=6.0km az=38.0

NEIC 11 13:20:58.2,1.5,21.62N;107:143:1E,0.1,h296km,3km, mb4.6/65, Error ellipse: s-maj=17.1km s-min=10.3km az=81.0

JMA 11 13:20:59.3,0.2,22:00N;143:56E,h325km,2km,M5.1

ISC 11 13:20:59.1,0.3,21.68N;104:143:03E,0.07,h311km, n202, r13/222,mb4.5/102,Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JHH2 Haha-jima-NKT2, JHH2 Chichi jima, etc.

Main table with columns: CBU, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Chichijima, GUMO Guam, JMKM Mikurajimash, etc.

Main table with columns: CBU, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Chiang Mai Arr, CMAR Chiang Mai Arr, CMAZ Chanters Tower, etc.

11d 14h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Eagle Plains, Inuvik, Arku, etc.

NEIC 11 13:36:29.0, 2.0, 19N, 122.25E, h0km, mb3.6/7, mb1 3.8/9, mb1mx3.6/39, mbtmp3.7/9, ML3.6/2, Error ellipse: s-maj=29.1km s-min=18.1km az=74.0

MAN 11 13:36:29.1, 20.54N, 122.151E, h1km, mb4.6, ML3.4, MS3.3 JMA 11 13:36:31.7, 0.5, 20.55N, 122.10E, h0km

ISC 11 13:36:34.2, 0.2, 20.4N, 0.1x122.1E, 0.1, h19km, mb6km, n26, r1510/26, mb3.5/7, 1C, Philippine Islands region

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

ISC 11 13:54:04.7, 1.9, 2.6N, 159.96E, h0km, mb3.7/5, mb1 3.7/7, mb1mx3.6/32, mbtmp3.6/7, ML3.2/2, MS3.4/2, Ms1 3.4/2, ms1mx2.7/34, Error ellipse: s-maj=59.3km s-min=20.5km az=55.0

ISC 11 13:54:04.7, 1.9, 2.6N, 159.96E, h25km, n15, c0906/7, mb3.8/5, Northern Sumatara

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

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NEIC 11 13:57:52.4, 1.2, 53.7N, 0.1, 167.6W, 0.1, h163km, 6km, Error ellipse: s-maj=16.3km s-min=7.9km az=154.0

AEIC 11 13:57:53.2, 1.2, 53.73N, 0.08, 167.6W, 0.1, h149km, 5km, ML3.9/12, Error ellipse: s-maj=12.0km s-min=7.2km

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

ISC 11 14:05:39.0, 2.3, 2.37N, 95.89E, h0km, mb3.5/4, mb1 3.5/6, mb1mx3.4/46, mbtmp3.4/6, ML2.8/1, Error ellipse: s-maj=62.1km s-min=26.5km az=51.0

ISC 11 14:05:42.1, 1.9, 2.6N, 102.96E, h20km, n12, c0918/6, mb3.6/4, Northern Sumatara

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

ISC 11 14:08:51.9, 5.4, 5.41S, 151.54E, h83km, 46km, mb3.6/6, mb1 3.9/7, mb1mx3.6/33, mbtmp4.0/7, ML 1.9/1, Error ellipse: s-maj=48.7km s-min=27.4km az=112.0

ISC 11 14:08:49.0, 1.0, 5.45S, 151.7E, 0.2, h57km, n8, c098/9, mb3.9/6, New Britain region

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

ISC 11 14:28:14.1, 4.2, 6.37N, 93.99E, h0km, mb3.4/4, mb1 3.5/5, mb1mx3.4/35, mbtmp3.4/5, ML4.2/1, MS3.1/6, Ms1 3.2/6, ms1mx2.9/28, Error ellipse: s-maj=95.2km

ISC 11 14:28:14.1, 4.2, 6.37N, 93.99E, h0km, mb3.4/4, mb1 3.5/5, mb1mx3.4/35, mbtmp3.4/5, ML4.2/1, MS3.1/6, Ms1 3.2/6, ms1mx2.9/28, Error ellipse: s-maj=95.2km

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

ISC 11 14:40:58.5, 3.9, 36.92N, 172.67E, h94km, 35km, mb3.6/16, mb1 3.7/20, mb1mx3.5/49, mbtmp3.9/20, MS3.2/15, Ms1 3.2/15, ms1mx3.0/49, Error ellipse: s-maj=24.9km s-min=14.0km az=18.0

ISC 11 14:40:58.5, 3.9, 36.92N, 172.67E, 0.08, h100km, n43, r1978/32, mb3.8/16, Afghanistan-Tajikistan border

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

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

ISC 11 14:44:22.8, 0.7, 36.70N, 0.01, 98.26W, 0.02, h6km, 4km, ML2.7, MS1.6/7(NEIC), Error ellipse: s-maj=2.0km s-min=1.8km az=94.0

NEIC 11 14:44:23.1, 0.8, 36.685N, 0.008, 98.26W, 0.02, h5km, 1km, Error ellipse: s-maj=2.9km s-min=2.4km az=70.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Salt Plains WL, Harper SW Sta, etc.

ISC 11 14:54:55.7, 0.8, 35.67N, 0.010, 97.39W, 0.02, h5km, 2km, Error ellipse: s-maj=3.2km s-min=2.4km az=124.0

ANF 11 14:54:58.4, 1.0, 35.65N, 97.38W, h24km, 1km, ML3.7/8, Error ellipse: s-maj=6.5km s-min=4.4km az=157.0

ISC 11 14:54:55.7, 0.8, 35.67N, 0.02, 97.49W, 0.02, h12km, 5km, n92, r1911/74, Oklahoma

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Liberty Lake, Oakdale Elemen, etc.

ISC 11 14:54:55.7, 0.8, 35.67N, 0.010, 97.39W, 0.02, h5km, 2km, Error ellipse: s-maj=3.2km s-min=2.4km az=124.0

ANF 11 14:54:58.4, 1.0, 35.65N, 97.38W, h24km, 1km, ML3.7/8, Error ellipse: s-maj=6.5km s-min=4.4km az=157.0

ISC 11 14:54:55.7, 0.8, 35.67N, 0.02, 97.49W, 0.02, h12km, 5km, n92, r1911/74, Oklahoma

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Liberty Lake, Oakdale Elemen, etc.

1016Nm; M_r=0.51±.10; M_w=0.54±.13; M₀=1.04±.12;
 M₂0.07±.07; M₁0.18±.12; M₀-0.11±.07; Best double
 couple: M₂4.3000°; N 0.02; NP1=354.0000°; 836.0000°;
 λ-167.0000°; NP2=254.0000°; 883.0000°;
 λ-55.0000°; Principal axes: T 2.0780, Plg29.0000°;
 Azm316.0000°; N 0.7000, Plg35.0000°; Azm69.0000°; P
 -2.7830, Plg41.0000°; Azm197.0000°; nsta1 refers to
 body waves, cutoff=40s. nsta2 refers to surface waves,
 cutoff=50s. Triangular moment-rate function
 BGR 11 15:33:28.9-0.0, 25.14N, 121.38E, h121km, 2km, mb4.6
 ISC 11 15:33:18.8-0.4, 24.52N, 122.75E, 0.02, 1955m, 3km,
 nbs1=PP-P, n523, r150/692, mb4.8, 161, 78C-3D, Fault
 plane solution: NP1=237.10020°, 860.94047°;
 λ-33.94072°; NP2=345.20227°, 860.78756°;
 λ-146.18623°. Principal axes: T P1g0.9944°;
 Azm291.1821°; N Plg46.4838°; Azm21.2816°; P
 Plg43.5160°; Azm201.0925°; Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JYNG	Yonagunijimaku	0.19	111	Op P	15 33 33.5	+1.1
JYNG	Yonagunijimaku	0.19	111	Pn	15 33 33.5	+1.1
YOJ	Yonaguni jima	0.24	103	P Pn	15 33 33.8	+1.2
YOJ	Yonaguni jima	0.24	103	P S	15 33 33.8	+1.2
YOJ	Yonaguni jima	0.24	103	P Sn	15 33 33.8	+1.2
YOJ	Yonaguni jima	0.24	103	P S	15 33 33.9	+1.3
TWC	Suao	0.83	277	P S	15 33 38.0	+1.0
TWC	Suao	0.83	277	P S	15 33 38.0	+1.0
TWB1	Santiao Chiao	0.85	305	P Pn	15 33 38.7	+1.4
TWB1	Santiao Chiao	0.85	305	S S	15 33 51.4	+0.3
EWUT	Wuta	0.89	266	P Pn	15 33 38.7	+1.0
EWUT	Wuta	0.89	266	P S	15 33 52.4	+0.5
NTC	Toucheng	0.90	292	P Pn	15 33 39.4	+1.6
NTC	Toucheng	0.90	292	eS S	15 33 52.7	+0.6
IRIF	Iriomote-Funau	0.91	101	P Pn	15 33 39.3	+1.4
IRIF	Iriomote-Funau	0.91	101	S S	15 33 53.0	+0.7
ENA	Nanau	0.93	265	P Pn	15 33 39.2	+1.1
ENA	Nanau	0.93	265	P S	15 33 53.2	+0.7
EHP	Heping Village	0.94	258	P Pn	15 33 39.4	+1.1
EHP	Heping Village	0.94	258	S S	15 33 53.9	+0.9
ILA	Ilan	0.95	285	P Pn	15 33 39.8	+1.6
ILA	Ilan	0.95	285	P S	15 33 54.2	+1.3
NDS	Dongshan	0.95	277	P Pn	15 33 39.6	+1.3
NDS	Dongshan	0.95	277	S S	15 33 53.3	+0.3
TIPB	Shuangxi	0.95	298	P Pn	15 33 40.0	+1.5
TIPB	Shuangxi	0.95	298	eS S	15 33 53.8	+0.6
TWE	Neicheng	1.01	282	P Pn	15 33 40.4	+1.4
TWE	Neicheng	1.01	282	P S	15 33 54.7	+0.6
NWF	Wu-fen Shan	1.04	302	P Pn	15 33 41.4	+1.9
NWF	Wu-fen Shan	1.04	302	eS S	15 33 56.3	+1.4
WFSB	Wu-fen Shan	1.04	302	P Pn	15 33 41.4	+2.0
WFSB	Wu-fen Shan	1.04	302	eS S	15 33 56.0	+1.2
HATJ	Hateruma jima	1.07	115	P Pn	15 33 41.1	+1.5
HATJ	Hateruma jima	1.07	115	eS S	15 33 56.3	+1.0
ENTT	Nioudou	1.09	277	P Pn	15 33 41.5	+1.6
ENTT	Nioudou	1.09	277	S S	15 33 56.5	+0.8
ETL	Fush Village	1.09	251	P Pn	15 33 40.6	+0.6
ETL	Fush Village	1.09	251	P S	15 33 55.7	-0.2
NACB	Ninganchiao	1.11	252	P Pn	15 33 40.7	+0.5
NACB	Ninganchiao	1.11	252	S S	15 33 55.9	-0.3
NACB	Ninganchiao	1.11	252	P Pn	15 33 40.6	+0.5
NDT	Datong Townshi	1.13	275	P Pn	15 33 42.2	+1.8
NDT	Datong Townshi	1.13	275	S S	15 33 57.8	+1.2
TWD	Chiawan	1.14	248	P Pn	15 33 41.1	+0.6
TWD	Chiawan	1.14	248	P S	15 33 56.7	-0.1
TWA	Mucha	1.16	294	P Pn	15 33 42.3	+1.6
TWA	Mucha	1.16	294	P S	15 33 57.7	+0.5
NWLTL	Wulai	1.17	283	P Pn	15 33 42.4	+1.6
NWLTL	Wulai	1.17	283	P S	15 33 58.2	+0.8
HWA	Hwallen	1.18	243	P Pn	15 33 41.9	+1.0
HWA	Hwallen	1.18	243	S S	15 33 58.0	+0.5
JKRS	Kuro-shima	1.18	103	P Pn	15 33 42.6	+1.6
JKRS	Kuro-shima	1.18	103	S S	15 33 58.8	+1.2
NHY	Taipei	1.19	296	eP Pn	15 33 42.9	+1.8
NHY	Taipei	1.19	296	eS S	15 33 59.4	+1.4
ETLH	Xiulin Townshi	1.20	255	P Pn	15 33 42.1	+0.8
ETLH	Xiulin Townshi	1.20	255	P S	15 33 58.3	+0.1
NHHD	Xindian Distri	1.20	292	P Pn	15 33 42.8	+1.6
NHHD	Xindian Distri	1.20	292	S S	15 33 58.4	+0.4
NWRT	Kuosheng	1.20	305	eP Pn	15 33 42.8	+1.6
NWRT	Kuosheng	1.20	305	eS S	15 33 58.9	+0.9
TATO	Taipei	1.24	292	eP Pn	15 33 43.0	+1.4
TATO	Taipei	1.24	292	eS S	15 33 58.8	-0.1
TATO	Taipei	1.24	292	P Pn	15 33 43.0	+1.4
TEYL	Yanliu Villag	1.24	239	P Pn	15 33 42.3	+0.6
TEYL	Yanliu Villag	1.24	239	eS S	15 33 58.9	+0.1
YM01	YM01	1.24	300	P Pn	15 33 43.5	+1.7
YM01	YM01	1.24	300	P S	15 33 59.9	+0.9
TAP	Taipei	1.25	295	P Pn	15 33 43.3	+1.6
TAP	Taipei	1.25	295	P S	15 33 59.8	+0.8
NNS	Nan Shan	1.26	267	P Pn	15 33 43.1	+1.1
NNS	Nan Shan	1.26	267	S S	15 33 59.7	+0.2
PCYT	Pengchayiu	1.27	331	eP Pn	15 33 44.0	+2.0
PCYT	Pengchayiu	1.27	331	eS S	15 34 02.2	+2.8
ETM	Tongmen	1.27	245	eP Pn	15 33 42.5	+0.4
ETM	Tongmen	1.27	245	eS S	15 33 58.7	-0.9
JJI	Ishigaki jima	1.28	97	P Pn	15 33 43.3	+1.2
JJI	Ishigaki jima	1.28	97	S S	15 34 00.0	+0.3
NSK	Sanguang	1.28	277	P Pn	15 33 43.8	+1.6
NSK	Sanguang	1.28	277	P S	15 33 43.8	+1.6

NSK	baz=279	i S	Sn	15 34 00.7	+0.8	
TWY	Chenhua	1.29	306	P Pn	15 33 44.4	+2.1
TWY	Chenhua	1.29	306	i S	15 34 01.3	+1.3
ANP	Anpu	1.30	301	P Pn	15 33 43.9	+1.4
ANP	Anpu	1.30	301	S S	15 34 00.6	+0.2
TWS1	Kuangyinshan	1.34	296	P Pn	15 33 44.5	+1.6
TWS1	Kuangyinshan	1.34	296	i S	15 34 02.0	+0.9
NTST	Danshui	1.35	299	eP Pn	15 33 44.8	+1.9
NTST	Danshui	1.35	299	S S	15 34 02.4	+1.2
ESL	Shilin	1.39	240	P Pn	15 33 43.8	+0.3
ESL	Shilin	1.39	240	S S	15 34 01.8	-0.4
FUSS	Pushou	1.40	259	P Pn	15 33 45.4	+1.5
FUSS	Pushou	1.40	259	eS S	15 34 02.9	+0.1
WHF	Hehuan Shan	1.41	255	P Pn	15 33 45.1	+1.0
WHF	Hehuan Shan	1.41	255	i S	15 34 03.4	+0.2
JJSG	Ishigakijimahi	1.42	87	P Pn	15 33 45.2	+1.4
JJSG	Ishigakijimahi	1.42	87	S S	15 33 43.6	+0.6
TWT	Tachien	1.46	260	P Pn	15 33 46.4	+1.9
TWT	Tachien	1.46	260	i S	15 34 04.8	+0.9
EGFH	Guangfu	1.48	235	P Pn	15 33 45.2	+0.7
EGFH	Guangfu	1.48	235	S S	15 34 03.2	-0.8
TDCB	Techi	1.48	260	P Pn	15 33 46.4	+1.7
TDCB	Techi	1.48	260	i S	15 34 04.6	+0.4
NCU	National Centr	1.49	288	P Pn	15 33 46.4	+1.7
NCU	National Centr	1.49	288	S S	15 34 06.4	+2.0
NCUH	Zhongli	1.49	288	P Pn	15 33 46.3	+1.6
NCUH	Zhongli	1.49	288	S S	15 34 05.6	+1.2
CHGB	Renai	1.51	253	P Pn	15 33 46.5	+1.3
CHGB	Renai	1.51	253	i S	15 34 05.7	+0.6
OWD	Renai	1.54	249	P Pn	15 33 46.6	+1.0
OWD	Renai	1.54	249	eS S	15 34 05.5	-0.2
LIOB	Emei	1.58	275	P Pn	15 33 47.7	+1.8
LIOB	Emei	1.58	275	S S	15 34 07.6	+1.1
HGSD	Ruisui	1.59	230	P Pn	15 33 46.4	+0.4
HGSD	Ruisui	1.59	230	S S	15 34 06.5	0.0
NSTT	Nanjuang	1.60	274	P Pn	15 33 47.7	+1.6
NSTT	Nanjuang	1.60	274	i S	15 34 08.2	+1.4
SBCB	Hsinchu	1.63	280	P Pn	15 33 48.2	+1.8
SBCB	Hsinchu	1.63	280	S S	15 34 08.4	+1.0
HSN	Hsinchu	1.65	280	P Pn	15 33 48.0	+1.4
HSN	Hsinchu	1.65	280	i S	15 34 08.4	+0.6
EHY	Hungye	1.65	233	P Pn	15 33 47.0	+0.2
EHY	Hungye	1.65	233	S S	15 34 06.1	-1.9
VWDT	VWDT	1.66	243	P Pn	15 33 48.1	+1.4
VWDT	VWDT	1.66	243	i S	15 34 08.4	+0.3
WHP	Taichung City	1.66	262	P Pn	15 33 49.4	+2.4
WHP	Taichung City	1.66	262	S S	15 34 09.8	+1.4
YULB	Yu-li	1.74	230	P Pn	15 33 48.3	+0.4
YULB	Yu-li	1.74	230	S S	15 34 08.1	-1.9
YULB	Yu-li	1.74	230	P Pn	15 33 48.3	+0.4
WCS	Beigang Elemen	1.74	255	eP Pn	15 33 50.4	+2.1
WCS	Beigang Elemen	1.74	255	eS S	15 34 11.7	+1.8
EYUL	Yuli	1.75	229	P Pn	15 33 48.9	+0.8
EYUL	Yuli	1.75	229	eS S	15 34 09.9	-0.4
JTJ	Tarama	1.78	86	P Pn	15 33 49.9	+1.5
JTJ	Tarama	1.78	86	S S	15 34 12.2	+1.3
NMLH	Miaoli	1.79	271	P Pn	15 33 50.3	+1.8
NMLH	Miaoli	1.79	271	S S	15 34 12.2	+1.1
SSLB	Suanguang	1.79	246	P Pn	15 33 49.8	+1.2
SSLB	Suanguang	1.79	246	P S	15 34 10.8	-0.5
SSLB	Suanguang	1.79	246	Pn Pn	15 33 49.6	+1.0
SSLB	Suanguang	1.79	246	P Pn	15 33 49.9	+1.3
SMLT	Sun Moon Lake	1.81	250	P Pn	15 33 50.4	+1.6
SMLT	Sun Moon Lake	1.81	250	S S	15 34 13.7	+2.0
TWQ1	Liyutan	1.81	265	P Pn	15 33 50.5	+1.7
TWQ1	Liyutan	1.81	265	P S	15 34 12.2	+0.5
NSY	Sanyi	1.82	267	P Pn	15 33 50.9	+2.0
NSY	Sanyi	1.82	267	i S	15 34 13.3	+1.6
TYC	Yuchr	1.83	251	P Pn	15 33 50.7	+1.9
TYC	Yuchr	1.83	251	S S	15 34 13.9	+1.8
FULB	Fuli	1.87	226	P Pn	15 33 49.9	+0.2
FULB	Fuli	1.87	226	S S	15 34 11.9	-1.2
CHKT	Chengkung	1.90	222	P Pn	15 33 49.8	-0.1
CHKT	Chengkung	1.90	222	i S	15 34 11.6	-2.0
WHYT	Xinyi Township	1.92	245	P Pn	15 33 52.2	+2.0
WHYT	Xinyi Township	1.92	245	S S	15 34 15.3	+1.2
TCU	Taichung	1.93	259	eP Pn	15 33 52.2	+1.9
TCU	Taichung	1.93	259	eS S	15 34 15.4	+1.2
WDJ	Dajia District	1.93	265	eP Pn	15 33 52.1	+1.8
WDJ	Dajia District	1.93	265	eS S	15 34 15.6	+1.2
YUS	Yu-Shan	1.94	238	P Pn	15 33 52.2	+1.3
YUS	Yu-Shan	1.94	238	S S	15 34 14.7	-0.6
WJS	Zhushan	1.97	250	P Pn	15 33 53.5	+2.6
WJS	Zhushan	1.97	250	S S	15 34 17.6	+2.3
WNT	Mingjian	1.99	252	P Pn	15 33 53.5	+2.3
WNT	Mingjian	1.99	252	S S	15 34 18.4	+2.6
EDH	Donghe	2.03	221	P Pn	15 33 51.7	0.0
EDH	Donghe	2.03	221	S S	15 34 14.9	-1.8

ALS	Alishan	2.04	241
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Table with columns: KBK, Karagaybulak, 1.30 311, Pn, 15 40 26.0 -0.6, etc. Includes various station codes and coordinates.

Table with columns: TRKS, baz=66, NEIC 11 15:43:14.9, 2.4, 29.86S, 0:05:72.28W, etc. Includes station codes and coordinates.

Table with columns: RTV, Rentapao, 0.43 44, P, Pg, 16 00 52.8 -0.2, etc. Includes station codes and coordinates.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, CBJI Citeko, MDSI Maura, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NR1K Nori'sk, NR1K Nori'sk, NR1K Nori'sk, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SGDS Sogindya, FRU1 Bishkek, FRU1 Bishkek, etc.

11d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like PLCA Paso Flores, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ESDC Sonseca Array, ASAR Alice Springs, etc.

IDC 11 16:32:16.4:3.2,32.41S:178.32W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.6/32, mbtmp3.6/3, ML3.4/1, Error ellipse: s-maj=75.5km s-min=48.3km az=122.0, South of Kermadec Islands

IDC 11 16:42:30.5:1.5, 17.37S:167.97E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.7/24, mbtmp3.8/7, ML3.9/1, MS3.4/5, Ms1 3.3/5, ms1mx2.9/38, Error ellipse: s-maj=50.7km s-min=29.7km az=125.0

IDC 11 16:42:35.1:17.32S:168.01E, h6km, MLV4.9/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DVP Devils Point, RTV Rentapao, etc.

2015 NOV

Table with columns: WRA, ASAR, CPUP, etc. Lists stations like WRA comp=Z,0.6nm,0.3s,baz=96,slow=3.1,SNR=16, ASAR Alice Springs, etc.

DJA 11 16:52:35.4:0.9,7.7S:3.10'3E, h10km,8km, M4.0/16, mb3.8/3, ML4.2/4, 2.1, 2.6, 5.7S, 103.22E, h0km, mb3.8/6, Ms1 4.0/7, mb1mx3.7/41, mbtmp3.8/7, ML3.9/1, MS2.7/2, Ms1 2.8/2, ms1mx2.5/43, Error ellipse: s-maj=78.5km s-min=20.4km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KASI Kota Agung, LWLI Liwa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WBO Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like STKA Stephens Creek, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MSVF Nonsavu, DZM Mont Dzumac, etc.

IDC 11 17:17:21.6:1.1, 54.27N:161.34E, h0km, mb3.5/7, mb1 3.7/8, mb1mx3.5/42, mbtmp3.5/6, ML2.5/1, MS2.8/2, Ms1 2.8/2, ms1mx2.4/36, Error ellipse: s-maj=41.1km s-min=18.9km az=148.0

728

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MKZ Mys Kozlova, SPN Mys Shqipunski, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PETK Petropavlovsk, PETV Petuk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like APAC Apachia, KHOD Khodutka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MKAR Makanchi Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like USHA Ushuaia, H09N1 TRISTAN DA CUN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PLCA Paso Flores, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SOCV Socops, CAPV Capacho, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SOCV Socops, CAPV Capacho, etc.

NOU 11 17:33:11.7:20.16S:176.83W, h32km, mb5.0/33, Fiji

Islands Region
IDC 11 17:33:15.5, 1.5, 20.05S; 177:31W, h348km, 14km
mb3.9/15, mb1.4, 1/18, mb1mx4.0/29, mbtmp4.7/18, Error
ellipse: s-maj=14.9km s-min=9.8km az=157.0
NEIC 11 17:33:16.6, 1.6, 20.05S; 0.1:177.4W, 0.1, h348km, 5km,
mb4.6/17.3, Error ellipse: s-maj=15.3km s-min=14.5km
az=116.0

ISC 11 17:33:15.1, 0.3, 20.21S; 0.05:177.21W, 0.06, h350km,
n310, s132/332, mb4.5/72, 9C-1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, Res S, Res C, Res I. Lists various stations and their coordinates and phases.

Table with columns: VANDA, Vanda, 58.27 185, P, P, 17 42 35.5 +1.9. Lists stations under the VANDA heading with their respective data.

Table with columns: D08A, Wollman Farm, 85.01 36, P, P, 17 45 12.8 +1.0. Lists stations under the D08A heading with their respective data.

11d 18h

FDMO	Fiordimonte	1.00 155	↑P	Pn	AML	18 13 55.4	+1.0
FDMO	comp=E,2280µm,0.5s		AML	AML			
FDMO	comp=N,1885µm,0.3s		AML	AML			
OSSC	Osservatorio P	1.00 246	P	Pn	AML	18 13 55.8	+1.3
OSSC	comp=E,1555µm,0.6s		AML	AML			
OSSC	comp=N,2235µm,0.5s		AML	AML			
OSSC	comp=N,1565µm,0.6s		AML	AML			
OSSC	comp=E,2185µm,0.5s		AML	AML			
FNVD	Fontana Vidola	1.02 283	↑P	Pn	AML	18 13 57.7	+3.0
FNVD	comp=E,2365µm,1.2s		AML	AML			
FNVD	comp=N,3585µm,0.6s		AML	AML			
MGAB	Montegabbione	1.07 196	↑P	Pn	AML	18 13 56.3	+1.0
MGAB	comp=E,3150µm,0.8s		AML	AML			
MGAB	comp=N,4980µm,0.3s		AML	AML			
MGAB	comp=E,3695µm,0.8s		AML	AML			
MGAB	comp=N,4910µm,0.3s		AML	AML			
MTCR	Monte La Croce	1.09 275	P	Pn	AML	18 13 57.4	+1.7
MTCR	comp=E,1363µm,0.5s		AML	AML			
MTCR	comp=N,1715µm,0.4s		AML	AML			
CRMI	Carmignano	1.12 263	P	Pn	AML	18 13 57.5	+1.5
CRMI	comp=N,1159µm,0.9s		AML	AML			
CRMI	comp=E,906µm,1.0s		AML	AML			
CRMI	comp=N,1124µm,0.9s		AML	AML			
CRMI	comp=E,874µm,1.0s		AML	AML			
MOMA	Monte Martano	1.14 178	P	Pn	AML	18 13 57.3	+1.0
MOMA	comp=N,1555µm,0.6s		AML	AML			
MOMA	comp=E,2030µm,0.3s		AML	AML			
MOMA	comp=E,1935µm,0.3s		AML	AML			
MOMA	comp=N,1665µm,1.4s		AML	AML			
SACS	San Casciano d	1.18 202	↑P	Pn	AML	18 13 57.6	+0.8
SACS	comp=N,1930µm,0.3s		AML	AML			
SACS	comp=E,1665µm,0.3s		AML	AML			
SACS	comp=E,1765µm,0.3s		AML	AML			
SACS	comp=N,1945µm,0.3s		AML	AML			
NRCA	Norcia	1.19 158	P	Pn	AML	18 13 58.3	+1.3
NRCA	comp=N,1865µm,0.5s		AML	AML			
NRCA	comp=E,1685µm,0.2s		AML	AML			
FROS	Frosini	1.22 234	↑P	Pn	AML	18 13 58.3	+0.9
FROS	comp=E,1335µm,0.5s		AML	AML			
FROS	comp=N,1385µm,0.7s		AML	AML			
MCIV	Monte Civitelli	1.31 208	P	Pn	AML	18 13 59.0	+0.4
MCIV	comp=E,378µm,0.7s		AML	AML			
MCIV	comp=N,275µm,0.6s		AML	AML			
OFFI	Offida	1.32 139	P	Pn	AML	18 13 59.9	+1.2
OFFI	comp=E,3915µm,0.5s		AML	AML			
OFFI	comp=N,5345µm,0.6s		AML	AML			
ARCI	Arcidosso	1.32 215	↑P	Pn	AML	18 13 59.4	+0.6
ARCI	comp=E,508µm,0.9s		AML	AML			
ARCI	comp=N,753µm,1.2s		AML	AML			
CESX	Cesi	1.33 178	P	Pn	AML	18 13 59.9	+1.0
CESX	comp=N,1295µm,0.9s		AML	AML			
CESX	comp=E,1205µm,0.4s		AML	AML			
GUMA	Gualdo di Mace	1.36 130	P	Pn	AML	18 13 56.1	-3.1
GUMA	comp=E,11900µm,0.5s		AML	AML			
GUMA	comp=N,7260µm,0.5s		AML	AML			
GUMA	comp=E,11155µm,0.5s		AML	AML			
GUMA	comp=N,7535µm,0.5s		AML	AML			
ARRO	Arrone	1.38 172	P	Pn	AML	18 14 00.7	+1.3
ARRO	comp=N,748µm,0.4s		AML	AML			
ARRO	comp=E,770µm,0.4s		AML	AML			
LNSS	Leonessa	1.39 164	P	Pn	AML	18 14 00.6	+0.8
LNSS	comp=N,1575µm,0.6s		AML	AML			
LNSS	comp=N,1430µm,0.5s		AML	AML			
TRIF	Trifonti	1.43 235	↑P	Pn	AML	18 14 01.2	+1.0
TRIF	comp=N,1145µm,0.2s		AML	AML			
TRIF	comp=E,905µm,0.8s		AML	AML			
PII	Pisa	1.45 262	P	Pn	AML	18 14 01.7	+1.2
PII	comp=E,1680µm,0.3s		AML	AML			
PII	comp=N,1545µm,0.3s		AML	AML			
MAIM	Mastiano	1.46 270	P	Pn	AML	18 14 01.9	+1.4
MAIM	comp=N,1462µm,0.5s		AML	AML			
CARD	Cardoso	1.46 274	P	Pn	AML	18 14 01.8	+1.2
CARD	comp=N,1540µm,0.3s		AML	AML			
TEOL	Teolo	1.54 337	P	Pn	AML	18 14 02.9	+1.2
TEOL	comp=E,2380µm,0.3s		AML	AML			
TEOL	comp=N,1695µm,1.1s		AML	AML			
TERO	Teramo	1.54 148	P	Pn	AML	18 14 02.5	+0.7
TERO	comp=N,531µm,0.5s		AML	AML			
TERO	comp=E,518µm,0.3s		AML	AML			
VLC	Villacollemand	1.54 279	P	Pn	AML	18 14 03.1	+1.3
VLC	comp=E,256µm,0.7s		AML	AML			
VLC	comp=E,272µm,0.7s		AML	AML			
VLC	comp=N,307µm,0.9s		AML	AML			
VLC	comp=N,304µm,0.9s		AML	AML			
CAMP	Campotosto	1.55 155	P	Pn	AML	18 14 02.9	+0.9
CAMP	comp=N,800µm,0.7s		AML	AML			
CAMP	comp=E,852µm,0.3s		AML	AML			
SMRN	Sveta Marina	1.61 47	ePn	Pn	AML	18 14 03.3	+0.7
SMRN	comp=N,1462µm,0.5s		AML	AML			
OPPE	Oppeano	1.67 326	AML	Pn	AML	18 14 22.2	+0.1
OPPE	comp=N,1490µm,1.4s		AML	AML			
OPPE	comp=E,1440µm,1.1s		AML	AML			
GIGS	Gran Sasso	1.68 152	P	Pn	AML	18 14 04.7	+1.0
GIGS	comp=E,306µm,0.5s		AML	AML			
GIGS	comp=N,284µm,0.5s		AML	AML			
SRES	S.Oreste - Sor	1.70 180	P	Pn	AML	18 14 05.6	+1.6
SRES	comp=E,288µm,0.4s		AML	AML			
SRES	comp=N,272µm,1.0s		AML	AML			
EQUI	Equi	1.71 278	↑P	Pn	AML	18 14 05.5	+1.5
AQU	L'Aquila	1.72 157	ePn	Pn	AML	18 14 07.0	+2.8
FIAM	Fiagnano	1.73 165	AML	Pn	AML		
FIAM	comp=N,468µm,0.4s		AML	AML			

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FIAM	comp=E,678µm,0.9s		AML	AML			
NVLJ	Novajla	1.81 69	ePn	Pn	AML	18 14 06.5	+1.2
MAON	Monte Argentar	1.82 214	P	Pn	AML	18 14 05.7	+0.2
MAON	comp=N,154µm,0.6s		AML	AML			
MAON	comp=E,328µm,0.4s		AML	AML			
RABC	Rab	1.82 63	ePn	Pn	AML	18 14 06.8	+1.3
VCEL	Villa Celiera	1.83 147	P	Pn	AML	18 14 06.7	+1.0
VCEL	comp=N,1130µm,0.5s		AML	AML			
VCEL	comp=E,939µm,0.5s		AML	AML			
GRAM	Graiane	1.84 288	↑P	Pn	AML	18 14 08.8	+3.0
DUGI	Dugi Otok	1.84 88	ePn	Pn	AML	18 14 06.4	+0.6
PLMA	Palmaria, Port	1.92 274	P	Pn	AML	18 14 08.3	+1.4
PLMA	comp=N,354µm,0.3s		AML	AML			
PLMA	comp=E,211µm,0.4s		AML	AML			
SKDS	Skadanscina	1.93 33	iPn	Pn	Sn	18 14 07.5	+0.4
SKDS	comp=N,257nm,0.1s		iSn	Pn	Sn	18 14 29.9	-0.3
SKDS	comp=N,357µm,0.9s		AML	AML			
T0110	Collepietro	1.95 151	P	Pn	AML	18 14 08.2	+0.8
T0110	comp=E,794µm,0.4s		AML	AML			
T0110	comp=N,806µm,1.1s		AML	AML			
GROG	Isola di Gugum	1.97 256	P	Pn	AML	18 14 08.4	+0.9
GROG	comp=N,357µm,0.9s		AML	AML			
GROG	comp=E,416µm,1.0s		AML	AML			
RIY	Rijeka	1.98 45	ePn	Pn	AML	18 14 08.8	+1.1
RIY	Rijeka	1.98 45	iPn	Pn	AML	18 14 08.9	+1.2
TRI	Trieste	1.98 26	P	Pn	Sn	18 14 08.2	+0.5
TRI	comp=N,688µm,0.3s		P	Pn	Sn	18 14 33.0	+1.7
TRI	comp=N,688µm,0.3s		AML	AML			
ROVR	Rover Verones	1.99 330	P	Pn	AML	18 14 08.9	+1.0
ROVR	comp=E,882µm,0.2s		AML	AML			
ROVR	comp=E,254µm,0.2s		AML	AML			
ROVR	comp=N,803µm,0.2s		AML	AML			
CGRP	Cima Grappa	2.00 346	P	Pn	AML	18 14 09.1	+0.9
CGRP	comp=E,1063µm,0.4s		AML	AML			
CGRP	comp=N,712µm,1.1s		AML	AML			
CERT	Cerreto	2.02 170	P	Pn	AML	18 14 08.9	+0.5
CERT	comp=E,455µm,0.6s		AML	AML			
CERT	comp=N,242µm,0.3s		AML	AML			
PTQR	Pietraquaria	2.03 161	AML	AML			
PTQR	comp=N,158µm,0.5s		AML	AML			
PTQR	comp=E,164µm,1.0s		AML	AML			
CELB	S.Piero in Cam	2.06 235	P	Pn	AML	18 14 09.3	+0.5
CELB	comp=E,156µm,0.5s		AML	AML			
CELB	comp=N,108µm,0.4s		AML	AML			
VARN	Col Varnada, M	2.07 352	P	Pn	AML	18 14 10.0	+1.0
VARN	comp=E,904µm,0.6s		AML	AML			
VARN	comp=N,974µm,1.3s		AML	AML			
POLC	Polcenigo	2.08 360	↑P	Pn	AML	18 14 10.6	+1.5
POLC	comp=E,1790µm,0.9s		AML	AML			
POLC	comp=N,251µm,0.5s		AML	AML			
DOSS	Dozzo del Som	2.15 335	P	Pn	AML	18 14 11.5	+1.2
DOSS	comp=E,488µm,1.0s		AML	AML			
DOSS	comp=N,724µm,1.2s		AML	AML			
DOSS	comp=E,756µm,1.2s		AML	AML			
DOSS	comp=N,536µm,1.0s		AML	AML			
SABO	M.te Sabotino	2.18 20	P	Pn	AML	18 14 11.4	+0.9
SABO	comp=E,1515µm,0.2s		AML	AML			
SABO	comp=N,2335µm,0.2s		AML	AML			
MSSA	Maissana	2.19 281	P	Pn	AML	18 14 12.4	+1.8
MSSA	comp=E,222µm,1.1s		AML	AML			
MSSA	comp=N,293µm,0.4s		AML	AML			
SALO	Salr	2.19 321	AML	AML			
SALO	comp=E,562µm,0.6s		AML	AML			
SALO	comp=N,588µm,1.4s		AML	AML			
CTI	Castel Tesino	2.19 344	P	Pn	AML	18 14 11.8	+1.1</

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like RORO, SGRT, SOKA, VARE, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like OGMO, LMR, LPL, MIGL, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like SFTF, MOX, MORC, etc.

BUJ 11 18:18:50.0, 0.48, 43N; 149.06E, h360km, mB4.9/53, mb5.1/80
MOS 11 18:18:52.5, 0.9, 48, 23N; 149.14E, h396km, mb5.0/78, Error ellipse: s-maj=5.7km s-min=3.4km az=65.6
SKHL 11 18:18:53.2, 0.5, 48, 25N; 149.27E, h390km, 5km, mb5.7/6, Error ellipse: s-maj=5.7km s-min=3.4km az=65.6

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MJAR	Matsushiro Arr	14.24 218	P	P	18 21 58.1 -0.5
SEY	Seymchan	14.79 6	P	P	18 22 05.3 +1.2
SEY	comp=N,3.7nm,0.3s,baz=192,slow=8,SNR=129		S	S	18 24 42.6 +0.8
ZEA	Zeya	14.80 300deP	P	P	18 22 04.1 -0.3
ZEA	comp=N,30nm,0.6s		eS	S	18 24 38.1 -4.2
ZEA	comp=E,20nm,1.2s		pmax	pmax	
ZEA	comp=Z,50nm,1.2s		pmax	pmax	
ZEA	comp=E,700nm,5.4s		smax	smax	
ZEA	Zeya	14.80 300	eP	P	18 22 04.5 +0.1
ZEA	comp=N,30nm,0.6s		AMB	AMB	18 22 06.4
JGF	Kuroka	15.40 219	P	P	18 22 11.6 +0.4
JGF	comp=Z,32nm,0.6s		IAMB	IAMB	18 22 20.0
TILK	Tiichiki	15.63 33	P	Pn	18 22 15.8 -0.6
INU	Inuyama	15.76 219	P	P	18 22 15.2 +0.2
INU	comp=Z,50nm,0.7s		IAMB	IAMB	18 22 18.4
JSG	Sagara	15.87 215	P	P	18 22 16.8 +0.6
SMY	Shemya	16.44 65	P	P	18 22 22.6 +0.5
SMY	comp=Z,235nm,1.2s		pmax	pmax	
SMY	Shemya	16.44 65	P	P	18 22 22.6 +0.5
JWT	Wachi	16.52 223	P	P	18 22 23.1 -0.1
CN2	Changchun	17.04 264	eP	S	18 22 25.5 -3.1
CN2	comp=Z,10.0nm,1.0s		eS	S	18 25 17.4 -9.1
CN2	comp=Z,10.0nm,1.0s		pmax	pmax	
CN2	comp=Z,10.0nm,1.0s		pmax	pmax	
CN2	comp=Z,900nm,12.0s		LR	LR	
CN2	comp=Z,900nm,12.0s		LR	LR	
CN2	comp=Z,1um,14.0s		LR	LR	
KMSK	Kamenskaya	17.11 28	P	P	18 22 30.6 +1.5
YAK	Yakutsk	17.59 329	P	P	18 22 32.7 -1.5
YAK	comp=Z,5.7nm,0.3s,baz=233,slow=8,SNR=160		S	S	18 25 34.3 -2.6
YAK	Yakutsk	17.59 329	eP	S	18 22 33.3 -1.0
YAK	comp=Z,0.2nm,0.3s,baz=262,slow=8,SNR=14		eS	S	18 25 36.4 -0.5
YAK	comp=Z,197nm,0.5s		pmax	pmax	
YAK	comp=N,54nm,0.6s		pmax	pmax	
YAK	comp=E,33nm,0.6s		pmax	pmax	
YAK	comp=N,2um,2.5s		smax	smax	
YAK	comp=E,800nm,1.9s		smax	smax	
YAK	Yakutsk	17.59 329	eP	P	18 22 33.3 -1.0
YAK	Yakutsk	17.59 329	P	P	18 22 32.8 -1.5
JHS	Saijiu	17.84 228	P	P	18 22 38.2 +0.9
JHS	comp=Z,68nm,1.1s		IAMB	IAMB	18 22 42.6
KSSKC	Sokocho	17.99 244	P	P	18 22 39.9 +1.1
KSSKC	SNR=5.1		S	S	18 22 42.6
KSJMJ	Jumunjin	18.12 243	P	P	18 22 41.0 +0.8
SEHB	SEOHWA	18.17 244	P	P	18 22 41.4 +0.7
SEHB	SNR=9.0		P	P	18 22 41.4 +0.7
SEHB	SEOHWA	18.17 244	P	P	18 22 41.4 +0.7
SKDGY	Daegwallyong	18.30 242	P	P	18 22 43.0 +0.9
SKDGY	SNR=10		P	P	18 22 43.0 +0.9
KSJJA	Iljie	18.43 244	P	P	18 22 45.0 +1.5
KSJJA	SNR=11		P	P	18 22 45.0 +1.5
JMN	Monobe	18.51 224	P	P	18 22 45.3 +0.8
JMN	comp=Z,63nm,1.0s		IAMB	IAMB	18 22 49.2
KSULJ	Uijin	18.55 239	P	P	18 22 48.0 +3.3
KSULJ	SNR=5.1		P	P	18 22 48.0 +3.3
HWCB	Hwacheon	18.55 245	P	P	18 22 47.0 +2.2
CHYB	Chungyang	18.66 240	P	P	18 22 47.0 +1.0
CHYB	SNR=19		P	P	18 22 47.0 +1.0
YODB	Yeongdeok	18.66 238	P	P	18 22 48.4 +2.4
YODB	SNR=6.6		P	P	18 22 48.4 +2.4
KSCHC	Chuncheon	18.75 244	P	P	18 22 49.0 +2.1
KSCHC	SNR=7.4		P	P	18 22 49.0 +2.1
KSCHC	Chuncheon	18.75 244	P	P	18 22 47.5 +0.6
KSCHC	SNR=16		P	P	18 22 47.5 +0.6
KSJWJ	Wonju	18.85 243	P	P	18 22 50.0 +2.0
KSJWJ	SNR=9.8		P	P	18 22 50.0 +2.0
KSRS	Korea Array	18.90 243	P	P	18 22 49.3 +0.9
KSRS	comp=Z,9.5nm,0.3s,baz=48,slow=9,SNR=109		S	S	18 26 04.8 +3.3
KSRS	comp=Z,9.5nm,0.3s,baz=48,slow=9,SNR=109		S	S	18 26 04.8 +3.3
GAPB	Gapyeong	18.90 244	P	P	18 22 49.0 +0.6
GAPB	SNR=7.0		P	P	18 22 49.0 +0.6
KS19	Wonju Array Si	18.90 243	P	P	18 22 49.2 +0.8
KS19	comp=Z,114nm,1.4s		IAMB	IAMB	18 22 54.5
KSAR	Wonju Array Be	18.93 243	P	P	18 22 49.2 +0.5
KSAR	SNR=13		P	P	18 22 49.2 +0.5
JECH	Jecheon	18.93 242	P	P	18 22 52.0 +3.2
EUSB	Ulseong	19.20 239	P	P	18 22 53.0 +1.5
EUSB	SNR=8.2		P	P	18 22 53.0 +1.5
KSSEU	ULSEONG	19.20 239	P	P	18 22 52.9 +1.4
KSCHJ	Chungju	19.26 241	P	P	18 22 55.0 +3.0
KSCHJ	SNR=8.0		P	P	18 22 55.0 +3.0
HIA	Hailar	19.36 284	P	P	18 22 50.5 -2.5
HIA	comp=Z,48nm,0.5s		pmax	pmax	
HIA	Hailar	19.36 284	P	P	18 22 50.5 -2.5
HIA	SNR=12		IAMB	IAMB	18 22 54.0
AMKA	Amchitka	19.62 70	P	P	18 22 55.5 +0.1
KSGAH	Gangwha	19.62 246	P	P	18 22 57.6 +2.0
OKCB	Cheongsan-myeo	19.72 241	P	P	18 22 58.0 +1.4
OKCB	SNR=8.8		P	P	18 22 58.0 +1.4
TJN	Taejon	19.95 241deP	P	P	18 22 59.7 +1.0
KSDEI	Deokjeokdo	20.12 245	P	P	18 23 01.5 +1.2
KSDEI	SNR=21		P	P	18 23 01.5 +1.2
YPDB	Yeonpyeongdo	20.13 247	P	P	18 23 01.3 +0.9
YPDB	SNR=45		P	P	18 23 01.3 +0.9
KSSES	Seosan	20.22 244	P	P	18 23 03.0 +1.8
KSSES	SNR=9.7		P	P	18 23 03.0 +1.8
KSJEO	Jeonju	20.30 241	P	P	18 23 04.0 +2.0
KSJEO	SNR=31		P	P	18 23 04.0 +2.0
KSBAR	Backryungdo	20.52 249	P	P	18 23 05.3 +1.4
KSBAR	SNR=55		P	P	18 23 05.3 +1.4
NAWB	Namwon	20.60 239	P	P	18 23 06.0 +1.3
NAWB	SNR=20		P	P	18 23 06.0 +1.3
DACB	Daecheong-do R	20.61 249	P	P	18 23 06.0 +1.3
DACB	SNR=32		P	P	18 23 06.0 +1.3
OYDB	Oyeondo	20.82 243	P	P	18 23 09.0 +2.4
OYDB	SNR=10		P	P	18 23 09.0 +2.4
KSJEU	Jeongeup	20.82 240	P	P	18 23 08.2 +1.6
KSJEU	SNR=15		P	P	18 23 08.2 +1.6
MNYD	Munyeondo	20.90 242	P	P	18 23 09.0 +1.6
MNYD	SNR=12		P	P	18 23 09.0 +1.6
SMKB	Mukjeong-gil	20.90 241	P	P	18 23 09.0 +1.6
SMKB	SNR=7.5		P	P	18 23 09.0 +1.6
ECDB	Euchungdo	20.95 243	P	P	18 23 09.5 +1.7
ECDB	SNR=21		P	P	18 23 09.5 +1.7
KSJKWJ	Gwangju	21.02 240	P	P	18 23 09.7 +1.2
KSJKWJ	SNR=19		P	P	18 23 09.7 +1.2
KSJKWJ	Gwangju	21.02 240	P	P	18 23 10.0 +1.5
KSJKWJ	SNR=16		P	P	18 23 10.0 +1.5
GOCB	Gochang-gun	21.11 241	P	P	18 23 11.0 +1.7
GOCB	SNR=25		P	P	18 23 11.0 +1.7
BOSB	Booseong-gun	21.18 238	P	P	18 23 11.2 +1.3
BOSB	SNR=22		P	P	18 23 11.2 +1.3
KOHB	KOHEUNG	21.25 238	P	P	18 23 11.9 +1.4
KOHB	SNR=27		P	P	18 23 11.9 +1.4
ANMD	Anmado	21.45 241	P	P	18 23 15.0 +2.6
ANMD	SNR=9.2		P	P	18 23 15.0 +2.6
BILL	Bilibino	21.61 17dIP	P	S	18 23 13.8 +0.4
BILL	comp=Z,29nm,0.7s		S	S	18 26 43.4 -1.6
BILL	Bilibino	21.61 17	eP	P	18 23 13.8 +0.4
BILL	comp=Z,29nm,0.7s		pmax	pmax	18 23 13.6 +0.2

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BILL	comp=Z,30nm,0.7s		IAMB	IAMB	18 23 16.3
KIWB	Kanaga Island	21.80 68	P	P	18 23 14.9 -0.5
DL2	Dalian	21.93 255	P	S	18 23 17.0 +0.3
DL2	comp=Z,210nm,1.2s		pmax	pmax	18 26 50.9 +0.1
DL2	comp=Z,220nm,3.5s		pmax	pmax	
JSU	Suzuyama	21.97 227	P	P	18 23 17.9 +0.7
JSU	comp=Z,122nm,1.4s		IAMB	IAMB	18 23 20.4
ADK	Adak	22.09 68	P	P	18 23 17.5 -0.4
ADK	comp=Z,149nm,1.0s		pmax	pmax	
ADK	Adak	22.09 68	P	P	18 23 17.5 -0.4
HUK2	Heuksan-myeon	22.25 241	P	P	18 23 23.0 +3.3
HUK2	SNR=5.9		P	P	18 23 23.0 +3.3
BOD	Bodaibo	22.93 308	eP	P	18 23 24.5 -1.1
BOD	comp=Z,225nm,1.7s		pmax	pmax	
BOD	Bodaibo	22.93 308	eP	P	18 23 24.5 -1.1
CIT	Chita	22.97 293	eP	P	18 23 25.0 -1.0
CIT	comp=Z,83nm,2.6s		pmax	pmax	
CIT	Beijing	24.90 263	P	P	18 23 43.8 +0.4
CIT	SNR=7.7		S	S	18 27 36.3 -1.4
BJI	comp=Z,56nm,0.5s		pmax	pmax	
BJI	comp=Z,890nm,13.5s		LR	LR	
BJI	comp=Z,300nm,6.3s		LR	LR	
BJI	comp=Z,890nm,14.5s		LR	LR	
BJT	Baijiatuu	24.92 263	P	P	18 23 43.5 -0.1
BJT	comp=Z,107nm,1.3s		pmax	pmax	
BJT	Baijiatuu	24.92 263	P	P	18 23 43.5 -0.1
BJT	comp=Z,107nm,1.3s		IAMB	IAMB	18 23 46.4
TIK	Tiksi	25.25 345	eP	P	18 23 45.4 -0.7
TIK	comp=Z,13nm,0.4s,baz=143,slow=8,SNR=77		S	S	18 23 44.6 -1.6
TIK	Tiksi	25.25 345	eP	P	18 23 45.4 -0.7
TIK	comp=Z,5.7nm,0.6s,baz=145,slow=12,SNR=1.3		pP	pP	18 24 51.9 -0.7
TIK	SNR=9.6		S	S	18 27 41.2 -1.4
TIK	comp=Z,3.8nm,0.5s,baz=310,slow=22,SNR=9.6		ScP	ScP	18 23 08.8 0.0
TIK	comp=Z,4.2nm,0.8s,baz=98,slow=8.4,SNR=4.6		S	S	18 23 45.4 -0.8
TIK	Tiksi	25.26 345dIP	P	P	18 23 45.4 -0.8
TIK	comp=Z,45nm,1.6s		pmax	pmax	
TIK	Tiksi	25.26 345	P	P	18 23 44.9 -1.3
TIK	comp=Z,20nm,0.5s		IAMB	IAMB	18 23 47.9
TIA	Taian	26.41 255	IP	P	18 23 57.5 +0.6
TIA	comp=Z,27nm,0.7s		S	S	18 23 00.4 -1.1
TIA	comp=Z,230nm,4.3s		pmax	pmax	18 30 08.6 +1.2
TIA	comp=Z,110nm,3.9s		LR	LR	
TIA	comp=Z,130nm,6.7s		LR	LR	
JOW	Kunigami	26.91 225	P	P	18 24 02.4 +1.0
JOW	comp=Z,2.4nm,0.5s,baz=95,slow=15,SNR=29		P	P	18 24 02.4 +1.0
JOW	Kunigami	26.91 225	P	P	18 24 02.0 +0.6
SSE	Sheshan	27.32 241	P	P	18 24 05.0 +0.1
SSE	comp=Z,12nm,0.6s		S	S	18 28 17.1 +1.3
SSE	comp=Z,140nm,3.3s		pmax	pmax	
SSE	comp=Z,160nm,17.4s		LR		

11d 18h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like M22K Willow, I23K Minto, I23K Minto, BWN Browne, NRIK Nori'sk, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like HARP HAARP, EYAK Cordova Ski Ar, EYAK Cordova Ski Ar, SCRCR Sand Creek, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, etc.

739

Table with columns for station call letters, name, frequency, and other details. Includes stations like BORU, O20A, AGMN, AKASG, etc.

740

Table with columns for station call letters, name, frequency, and other details. Includes stations like F36A, L36A, X18A, etc.

741

Table with columns for station call letters, name, frequency, and other details. Includes stations like F42A, HATD, HATD, etc.

11d 18h

Table with columns for station call letters, name, frequency, and other details. Includes stations like F42A, HATD, HATD, etc.

az=63.0
TAP 11 19:03:59.6,22.16N,121.12E,h11km,ML4.0,C
JMA 11 19:04:02.6,0.2,22.16N,121.36E,h59km,4km,M3.5
ISC 11 19:03:59.0,0.9,22.11N,0.0,121.16E,0.0,2,h25km,7km,
n70,0.1513/11,mb,3.47,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Hengchuen, Pin, Taw, SLIU, TWKBT, etc.

Main data table with columns: YOJ, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Winter Ranch, U32A, OK032, etc.

Table with columns: STAL, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like BOO, BORDANO, MPRI, etc.

IASPEI 11 19:46:37.8,0.8,46.49N,0.02,12.83E,0.01,h14km,4km,
Error ellipse: s-maj=2.7km s-min=1.9km az=12.6,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
STR 11 19:46:38.1,1.1,47.7N,7.1,13E,0.0,h0km,mb3.7/1,
MLV3.5/11,preliminary
VIE 11 19:46:38.0,0.2,46.52N,12.83E,h12km,4km,mb2.7/20,
m3.5/20,Error ellipse: s-maj=1.8km s-min=0.9km az=10.0
3 km W of Comeglians
ROM 11 19:46:38.3,0.1,46.482N,0.005,12.855E,0.006,
h10km,ML3.2/56,Error ellipse: s-maj=0.6km s-min=0.5km
az=18.0
LDG 11 19:46:38.8,0.2,46.54N,12.85E,h11km,ML3.2/42,Error
ellipse: s-maj=5.9km s-min=3.9km az=38.0
PRU 11 19:46:40.7,0.0,46.58N,12.92E,h10km
BGR 11 19:46:42.0,0.2,46.62N,12.88E,h10km,ML3.4/36,Error
ellipse: s-maj=4.4km s-min=2.2km az=167.0
ISC 11 19:46:37.7,0.7,46.50N,0.01,12.83E,0.01,h17km,3km,
n274,0.2544/401,16C-15D,Northern Italy

Code	Station Name	1 st Az	1 st SC	Phase ID	Time Res	ISC
MT05	Renca	2.55 160		Pn	21 12 23.2	0.0
VA05	Santo Domingo	2.66 177	eP	Pn	21 12 25.8	+1.2
VA05	VA05		eS	Sn	21 12 57.7	+1.5
			IAML		21 13 11.2	
VA05	Santo Domingo	2.66 177		Pn	21 12 24.9	+0.3
ZON	Zonda	2.70 103	Pn	Pn	21 12 28.5	+3.3
AC04	Llanos de Chal	2.84 12	eP	Pn	21 12 26.4	+0.6
AC04	AC04		eS	Sn	21 13 01.4	+0.8
AC04	AC04		IAML		21 13 19.6	
AC04	Llanos de Chal	2.84 12	Pn	Pn	21 12 26.5	-0.6
MT09	Talagante	2.86 167	eP	Pn	21 12 28.2	+0.8
MT09	MT09		eS	Sn	21 13 01.9	+0.7
MT09	MT09		IAML		21 13 15.0	
MT09	Talagante	2.86 167		Pn	21 12 28.2	+0.8
MT01	Popeta	2.90 171	eP	Pn	21 12 28.5	+0.6
MT01	MT01		eS	Sn	21 13 03.5	+1.4
MT01	MT01		IAML		21 13 15.2	
MT01	Popeta	2.90 171		Pn	21 12 28.4	+0.4
LMEL	Las Melosas	3.14 156	eP	Pn	21 12 32.2	+0.8
LMEL	LMEL		eS	Sn	21 13 09.1	+0.8
LMEL	LMEL		IAML		21 13 22.0	
BO04	La Punta	3.15 162	eP	Pn	21 12 31.8	+0.4
BO04	BO04		eS	Sn	21 13 07.0	-1.2
BO01	Tunca	3.44 171	Pn	Pn	21 12 35.7	+0.3
CO03	Copiap	3.61 165	Pn	Pn	21 12 38.2	0.0
BO02	Sierra Bellavi	3.88 168	Pn	Pn	21 12 41.7	+0.2
GO05	Huala	4.01 182	Pn	Pn	21 12 42.2	-1.0
AC02	Maricunga	4.74 30	Pn	Pn	21 12 54.1	+0.4
ML02	Panamavida	4.77 177	Pn	Pn	21 12 54.5	+0.8
PB14	IPOC Station P	6.45 11	Pn	Pn	21 13 13.7	-3.4
H03N	Juan Fernandez	6.53 246	T	T	21 20 09.7	
					baz=74, slow=72, SNR=788	
VA04	Juan Fernandez	6.54 246	T	T	21 13 15.9	-2.0
H03N3	Juan Fernandez	6.54 246	Pn	Pn	21 20 00.2	
					baz=74, slow=72, SNR=862	
H03N2	Juan Fernandez	6.55 246	T	T	21 20 01.5	
					baz=74, slow=72, SNR=804	
LC01	Cunco	7.89 181	Pn	Pn	21 13 35.2	-1.3
PB15	IPOC Station P	8.02 15	Pn	Pn	21 13 38.1	-0.3
LVC	Limon Verde	8.73 18	Pn	Pn	21 13 45.4	-2.9
					comp=N,0.3nm,0.3s,baz=22,slow=11,SNR=1.7	
LVC	LVC		LR	LR	21 17 11.4	
					comp=N,1.06nm,20.5s,baz=206,slow=38	
LVC	Limon Verde	8.73 18	Pn	Pn	21 13 47.8	-0.6
PB07	IPOC Station P	9.38 11	Pn	Pn	21 13 57.7	+0.6
PLCA	Paso Flores	9.77 175	Pn	Pn	21 14 01.6	-0.7
					comp=N,0.2nm,0.3s,baz=33,slow=15,SNR=6.7	
PLCA	Paso Flores	9.77 175	Pn	Pn	21 14 02.2	-0.2
PSGCX	Pisagua	11.44 8	Pn	Pn	21 14 25.6	+0.4
IT05	Ilaqui	13.15 88	Pn	Pn	21 14 46.7	-1.7
CPUP	Villa Florida	13.50 73	Pn	Pn	21 14 54.3	+1.1
					comp=N,0.3nm,0.3s,baz=250,slow=12,SNR=3.6	
CPUP	Villa Florida	13.50 73	Pn	Pn	21 14 54.1	-1.9
PLTB	Pedras Altas	15.54 98	Pn	Pn	21 15 19.0	-1.8
SIV	San Ignacio	17.84 36	Pn	Pn	21 15 49.7	-0.3
					comp=N,0.2nm,0.3s,baz=240,slow=14,SNR=4.7	
NNA	Nana	19.48 345	LR	LR	21 20 49.0	
SNA4	Sanae	54.29 159	P	P	21 21 06.2	-0.9
SNA4	SNA4		Iamb	Iamb	21 21 15.2	
					comp=N,4.5nm,1.4s	
SBA	Scott Base	66.06 191	P	P	21 22 28.6	+1.0
BOSA	Boshof	81.27 118	LR	LR	21 59 19.8	
					comp=N,2.26nm,18.0s,baz=180,slow=35	
TORD	Torodi Ar. Bea	82.97 70	P	P	21 24 09.7	+2.9
					comp=N,2.0nm,0.7s,baz=251,slow=4.1,SNR=6.7	
TORD	Torodi Ar. Bea	82.97 70	P	P	21 24 09.3	+2.6
TORD	TORD		Iamb	Iamb	21 24 25.0	
					comp=N,2.2nm,1.3s	
WRA	Warramunga Arr	123.49 210	PKP	PKPdf	21 20 38.2	-1.0
					comp=N,0.3nm,0.9s,baz=168,slow=1.6,SNR=6.6	
H11S2	WAKE ISLAND Hy25.99 271		T	T	23 49 30.2	
					baz=116,slow=75,SNR=28	
H11S1	WAKE ISLAND Hy26.00 271		T	T	23 49 26.9	
					baz=116,slow=75,SNR=40	
H11S3	WAKE ISLAND Hy26.01 271		T	T	23 49 30.2	
					baz=116,slow=75,SNR=36	
H11N3	WAKE ISLAND Hy26.33 273		T	T	23 49 51.6	
					baz=116,slow=75,SNR=11	
H11N1	WAKE ISLAND Hy26.34 273		T	T	23 49 53.7	
					baz=116,slow=75,SNR=5.7	
H11N2	WAKE ISLAND Hy26.35 273		T	T	23 49 52.7	
					baz=116,slow=75,SNR=12	
					STR 11 21:20:28.0±0.0,46°N,11°1'3E, h0km, mBS,8/1,mb3.3/1, MLv3.0/11, Mw(mBS)5.4/1, preliminary	
					ROM 11 21:20:31.8±0.1,46°48'N,0:005:12'851E:0:005, h10km, ML2.6/18, Error ellipse: s-maj=0.6km s-min=0.4km az=20.0	
					IASPEI 11 21:20:32.0±0.0,46°50'N,0:002:12'84E:0:01, h11km,4km, Error ellipse: s-maj=2.8km s-min=2.1km az=13.4, 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 stations. <i>Seism. Res. Let.</i>, 80, 465-472, 2009	
					VIE 11 21:20:31.7±0.2,46°51'N,12°82E, h10km, mb2.1/19, ml2.8/20, Error ellipse: s-maj=2.6km s-min=1.4km az=12.0 4 km W of Comeglians	
					LDG 11 21:20:33.2±0.2,46°56'N,12°95E, h10km, ML2.7/12, Error ellipse: s-maj=6.3km s-min=3.1km az=28.0	
					PRU 11 21:20:34.1±0.0,46°57'N,12°92E, h7km	
					ISC 11 21:20:31.9±0.7,46°51'N,0:01:12'87E:0:01, h12km,3km, n162, r1934/220, 15C-SD, Northern Italy	

Code	Station Name	1 st Az	1 st SC	Phase ID	Time Res	ISC
ABTA	Abfaltersbach	0.34 314	Pg	Pg	21 20 38.9	+0.1
					comp=E,76nm,0.1s,SNR=106	
ABTA	ABTA		iSg	Sg	21 20 43.3	-0.1
BUA	Bua	0.35 149	eP	Pg	21 20 38.8	-0.1
BUA	BUA		eSg	Sg	21 20 44.0	+0.4
PTCC	Patocco-Chiusa	0.35 108	P	Pg	21 20 39.2	+0.1
PTCC	PTCC		S	Sg	21 20 44.5	+0.6
					comp=E,632µm,0.2s	
PTCC	PTCC		AML	AML		
					comp=N,565µm,0.9s	
CIMO	Cimolais	0.36 235	eP	Pg	21 20 38.2	-0.9
CIMO	CIMO		eSg	Sg	21 20 43.0	-0.9
CIMO	Cimolais	0.36 235	P	Pg	21 20 38.0	-0.9
CIMO	CIMO		S	Sg	21 20 43.2	-0.8
					comp=E,286µm,0.1s	
CIMO	CIMO		AML	AML		
BAD	Bernadia	0.38 137	eP	Pg	21 20 39.6	0.0
VINO	Villanova	0.39 132	eP	Pg	21 20 39.6	-0.1
VINO	Villanova	0.39 132	P	Pg	21 20 39.3	-0.3
VINO	VINO		S	Sg	21 20 45.4	+0.5
					comp=E,404µm,1.1s	
VINO	VINO		AML	AML		
					comp=N,455µm,0.4s	
MLNI	Malnisio	0.41 206	eP	Pg	21 20 39.5	-0.5
MLNI	MLNI		eSg	Sg	21 20 45.2	-0.3
CSO	Casso	0.45 237	eP	Pg	21 20 39.9	-0.9
CSO	CSO		eSg	Sg	21 20 46.2	-0.5
ACOM	Acomizca, Ital	0.45 85	eP	Pg	21 20 41.5	-0.4
ACOM	ACOM		P	Pg	21 20 41.3	+0.4
ACOM	ACOM		S	Sg	21 20 48.6	0.0
					comp=E,1165µm,0.9s	
ACOM	ACOM		AML	AML		
					comp=N,1215µm,0.5s	
LSR	Lussari	0.46 95	eP	Pg	21 20 41.4	+0.3
AFI	Alpe Fioria	0.47 272	eP	Pg	21 20 41.2	-0.1
PRED	Cave del Predi	0.49 98	eP	Pg	21 20 41.9	+0.3
COLI	Coloredo	0.52 137	eP	Pg	21 20 41.9	-0.2
ROBS	Robic	0.52 121	iP	Pg	21 20 41.7	-0.5
ROBS	ROBS		iSg	Sg	21 20 49.6	+0.5
ROBS	ROBS		IAML	IAML	21 20 51.9	
					comp=N,2.20nm,0.1s	
MYKA	Terra Mystica	0.55 78	iP	Pg	21 20 42.8	+0.1
					comp=N,2.5nm,0.2s,SNR=13	
MYKA	MYKA		iSg	Sb	21 20 51.8	+0.5
					comp=N,2.20nm,0.1s	
POLC	Polcenigo	0.55 208	P	Pg	21 20 42.3	-0.3
POLC	POLC		S	Sg	21 20 49.7	-0.2
					comp=N,1.104µm,0.6s	
POLC	POLC		AML	AML		
					comp=N,1.420µm,1.5s	
CAE	Caneva	0.59 210	eP	Pg	21 20 42.9	-0.6
AGOR	Agordo	0.61 248	eP	Pg	21 20 43.5	-0.4
AGOR	Agordo		P	Pg	21 20 43.5	-0.4
AGOR	AGOR		S	Sg	21 20 51.6	-0.3
					comp=N,1.94µm,1.5s	
AGOR	AGOR		AML	AML		
					comp=N,245µm,0.4s	
TLI	Talmassons	0.61 164	eP	Pg	21 20 43.5	-0.5
DRE	Drenchia	0.64 122	eP	Pg	21 20 43.9	-0.5
KOB	Koenigsbrunn	0.65 30	iP	Pg	21 20 45.4	0.0
					comp=N,1.2nm,0.1s,SNR=12	
KBA	KBA		iSg	Sb	21 20 54.2	-0.2
CADS	Cadrj	0.67 115	iP	Pg	21 20 44.4	-0.5
CADS	CADS		iSg	Sg	21 20 55.2	+0.4
CADS	CADS		IAML	IAML	21 20 57.7	
					comp=N,2.41nm,0.1s	
FAU	Forcella Aurin	0.68 245	eP	Pg	21 20 44.7	-0.4
RISI	Rein	0.69 309	P	Pg	21 20 45.3	-0.2
RISI	RISI		S	Sg	21 20 55.1	+0.5
RISI	RISI		AML	AML		
					comp=N,1.063µm,1.5s	
SABO	M.te Sabotino	0.74 136	eP	Pg	21 20 45.9	-0.4
SABO	M.te Sabotino	0.74 136	P	Pg	21 20 45.7	-0.5
SABO	SABO		S	Sg	21 20 57.1	+0.4
					comp=N,398µm,0.4s	
SABO	SABO		AML	AML		
					comp=N,440µm,0.7s	
SABO	SABO		AML	AML		
					comp=E,432µm,1.4s	
SABO	SABO		AML	AML		
					comp=N,440µm,0.7s	
VARN						

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SGST Jiashian, JIU Ishigaki jima, TWG Pinlang, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SANI Sanana, GTOI Gorontalo, SUI Sorong, etc.

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Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like MKAR, NIL, PRZ, MAZ, SATY, etc.

2015 NOV

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like BRZS, HRA, CASY, JLN, WBK, BRVK, etc.

11d 22h

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like KBZ, SIRT, MEY, KIV, KIV, GURO, etc.

IDD 11:22:47:52.3, 3.4, 6.39S; 147.07E, h68km, 36km, mb3.5/1, mb1.3, 6/13, mb1mx3.6/31, mbtmp3.6/31, ML3.7/1, MS3.0/1, Ms1.3/0.1, ms1mx2.3/23 Error ellipse: s-maj=32.6km s-min=22.5km az=113.0

Table with columns: YOGI, Yogyakarta, 18.51 267, P, P, 23 40 23.7 -1.2, etc. Lists various locations and their coordinates.

Table with columns: HNR, Honiara, 30.73 96, P, P, 23 42 21.0 -0.5, etc. Lists various locations and their coordinates.

Table with columns: LIFNC, Ouen Island, N, 39.45 117, P, P, 23 43 37.1 +1.0, etc. Lists various locations and their coordinates.

11d 23h

Table with columns for station code, name, frequency, power, and various signal quality metrics. Includes stations like Sado, Marumori, Dalian, etc.

2015 NOV

Table with columns for station code, name, frequency, power, and various signal quality metrics. Includes stations like MDJ, RPZ, LSA, etc.

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Table with columns for station code, name, frequency, power, and various signal quality metrics. Includes stations like SONM, BHPL, etc.

Table with columns for call sign (e.g., MKAR, KOKPEK, MAKZ), frequency, and other technical details. Includes sub-sections like P4Kpbc and various frequency bands.

Main table listing call signs (TAS, KK31, KK31, etc.), frequencies, and technical specifications for various stations.

Table listing call signs (PPTF, TIAR, VOI, etc.), frequencies, and technical specifications for stations in the 11d 23h section.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SIRR, BZS, BOVS, RES, YB, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KBA, KBC, CWC, EDW, LRM, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MBDF, FFC, F14, ICESG, etc.

11d 23h

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like MNTX Cornudas Mount, MNTX Cornudas Mount, COYCAICO Coyahuca, etc.

2015 NOV

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like ZHG ZHG, TZRR Tzarina, PFVI Vila Bisbo, etc.

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Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like BRU2 Volcan, PB16 IPOC Station P, PARB Paraihuva, etc.

Table with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Res. Includes objects like ELZG Elazig, ELZG Elazig, etc.

ISK 11 23:49:04.3, 37:24N:22.13E, h6km, ML3.6/3.1
NEIC 11 23:49:41.9, 37:09N:0.06:21.90E:0.07, h12km, 5km,
Error ellipse: s-maj=9.8km s-min=6.5km az=211.0
ATH 11 23:49:41.9, 37:13N:22.04E, h13km, 2km, ML3.77, Error
ellipse: s-maj=2.6km s-min=1.2km az=231.0

THE 11 23:49:41.5, 37.14N:22:07E, h0km,3km, ML3.8/8, Error ellipse: s-maj=3.2km s-min=0.8km az=221.0

PDG 11 23:49:41.5, 0.5, 37.16N:22:05E, h18km, ML3.6/13, Error ellipse: s-maj=0.8km s-min=0.9km az=0.0

IDC 11 23:49:44.6, 1.4, 37.22N:22:08E, h46km, 19km, mb3.7/9, mb1 3.8/1.4, mb1mx3.5/68, mbtmp3.8/14, ML3.4/5, Error ellipse: s-maj=20.3km s-min=11.9km az=35.0

ISC 11 23:49:41.7, 0.7, 37.17N:02:22:05E, 0.03, h15km, 4km, n193, c19/30/20, mb4.2/12, 7C-7D, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like ULC, DALY, RYK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like ULC, DALY, RYK, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like ARG Arkhangelos, TURUNC Turunc, TAVAZ DENIZLI Tavaz, etc.

IDC 12 00:18:40.5-1.0, 0.45:17N:131.03E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/38, mbtmp3.6/5, ML3.5/1, Error ellipse: s-maj=19.1km s-min=10.7km az=60.0

SKHL 12 00:18:41.5-0.4, 0.45:17N:130.99E, h8km, 3km, mb3.8/2, ISC 12 00:18:42.0-0.9, 0.45:19N:130.80E, h10km, n11, r179/1.5, mb3.6/4, Priamurye-Northeastern China

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like USRK Ussuriysk Ar., GRTR Gornotajezhnoj, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like KLR Khabarovsk, MKAR Makanchi Array, etc.

BUL 12 00:31:29.7-1.0, 20:49S:26:45E, h10km, MD3.8, EAF 12 00:31:29.7-1.0, 20:49S:26:45E, h10km, MD3.6, ISC 12 00:31:29.0-0.9, 20:35S:0:07:26.5E-0.1, h10km, n8, r123/1.6, Botswana

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like MATP Matopo, BULWY Bulawayo, etc.

SKHL 12 01:33:58.5-0.2, 43:60N:147:80E, h50km, 6km, mb5.2/5, MOS 12 01:33:59.7-1.0, 43:76N:147:57E, h49km, mb4.7/6, Error ellipse: s-maj=9.8km s-min=8.2km az=88.0

IDC 12 01:34:00.0-0.6, 43:78N:147:42E, h41km, 6km, mb3.7/16, mb1 3.9/19, mb1mx3.7/53, mbtmp3.9/19, ML3.5/3, MS3.3/3, Ms1 3.3/3, ms1mx2.7/36, Error ellipse: s-maj=20.0km s-min=14.2km az=136.0

NIED 12 01:34:00.7, 43:56N:147:31E, h16km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm, Mn:0.16, Mb:0.79, Mo:0.95, Me:1.30, Ms:1.41, Ml:0.41, Fault plane solution: Mo:2.15000x10^15 NP1:0.73, 0.00000, 0.87, 0.00000, A:140.00000, NP2:0.165, 0.00000, 0.650, 0.00000, A:3.00000

JMA 12 01:34:00.6, 0.2, 43:55N:147:31E, h16km, 3km, M4.6, NEIC 12 01:34:01.4, 2, 43:60N:147:09:147:6E:0.1, h49km, 7km, mb4.3/18, Error ellipse: s-maj=14.0km s-min=11.5km az=142.0

ISC 12 01:34:00.7, 0.6, 43:64N:0:05:147:58E, 0:05, h45km, 5km, n121, r1942/141, mb4.2/34, 2C-9D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, NEM2 Nemuro 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like JEW Eniwo, YSS Yuzh-Sakhalins, etc.

YSS Yuzh-Sakhalins, 4.75 316, eP, AMB, Pn, 01 35 11.5 +1.8, 01 35 11.8

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

YSS Yuzh-Sakhalins, 4.75 316, Pn, Pn, 01 35 10.2 +0.5, 01 35 10.2 -0.6

LEM	9.1nm, 0.3s, baz=306, slow=23, SNR=2.0	LR	02 38 30.0
CNJ	comp=Z, 150nm, 18.7s, baz=214, slow=41	LR	02 36 04.3 +0.7
BNKI	0.4nm, 0.1s, 1.1s Banjar Baru	6.52 22 P	Pn 02 36 17.3 +1.6
XMIS	0.4nm, 43nm, 0.6s	6.68 261 P	Pn 02 36 17.3 -0.7
XMIS	114nm, 1.1s	6.68 261 P	Pn 02 36 16.9 -1.0
CGJJ	Cibinong	7.22 293 P	Pn 02 36 26.2 +0.9
KBKI	Kotabaru	7.26 32 P	Pn 02 36 27.4 +1.6
KAPI	Kappang	8.59 59 P	Pn 02 36 44.2 0.0
KAPI	0.4nm, 0.3s, baz=221, slow=22, SNR=1.5	S	Sn 02 38 16.3 -3.4
EDFI	Ende, Flores	9.24 86 P	Pn 02 40 23.5 +0.1
MDSI	Maura Dua	9.55 301 P	Pn 02 36 57.6 +0.3
MNAI	Manna	10.66 298 Pn	Pn 02 37 12.3 -0.2
MNAI	Manna	10.66 298 P	Pn 02 37 14.2 +1.7
BATI	Baunata	11.15 94 P	Pn 02 37 22.7 +3.5
BATI	4.2nm, 0.3s, baz=348, slow=7, SNR=2.0	S	Sn 02 39 18.3 -4.2
GIRL	Giralia	13.15 172 Pn	Pn 02 37 44.2 -2.2
GIRL	Giralia	13.15 172 P	Pn 02 37 43.6 -2.9
LUVI	Luwatu	13.36 51 Pn	Pn 02 37 51.4 +2.1
TOLI	Tolitoli	13.50 39 Pn	Pn 02 37 51.2 -0.1
MWBA	Marble Bar	13.55 149 P	Pn 02 37 48.2 -3.8
PSAO	Pilbara Seismi	13.96 150 Pn	Pn 02 37 54.9 -2.6
PSAO	Pilbara Seismi	13.96 150 P	Pn 02 37 56.0 -1.5
GTOI	Gorontalo	14.64 47 P	Pn 02 38 08.4 +1.8
FITZ	Fitzroy Crossi	15.43 125 S	Sn 02 40 54.9 -1.2
Sanani	Sanani	15.45 82 P	Pn 02 38 19.8 +2.7
KNRA	Kunurra	17.12 113 P	Pn 02 38 39.3 +1.2
KNRA	comp=Z, 57nm, 1.5s	Iamb	Iamb 02 38 48.2 -0.8
MEEK	Meekatharra	18.16 312 LR	LR 02 45 43.6
PSI	Prapat	18.16 312 LR	LR 02 45 43.6
MTN	Manton Dam	18.70 102 Pn	Pn 02 38 57.9 +1.2
MTN	comp=Z, 20nm, 0.9s	Iamb	Iamb 02 39 03.7
MORW	Morawa	19.73 170 P	Pn 02 39 06.8 -1.1
MORW	comp=Z, 6.6nm, 0.8s	Iamb	Iamb 02 39 17.8
SWI	Sorong	20.68 66 P	P 02 39 19.1 -0.3
SIJI	comp=Z, 16nm, 0.5s, baz=280, slow=10, SNR=1.5	LR	LR 02 49 10.6
FAKI	Fak Fak	20.82 73 P	P 02 39 20.1 +0.3
FAKI	Fak Fak	20.82 73 P	P 02 39 20.1 +0.3
FAKI	comp=Z, 30nm, 0.6s	Iamb	Iamb 02 39 21.3 +0.3
WBO	Warramunga Arr	23.58 118 P	P 02 39 48.1 -0.6
WRA	Warramunga Arr	23.60 118 P	P 02 39 49.3 +0.4
WRA	comp=Z, 1.6nm, 0.6s, baz=295, slow=11, SNR=1.2	S	S 02 44 08.0 +8.1
H21K	H21K	23.60 118 LR	LR 02 49 16.6
WRA	Warramunga Arr	23.61 118 P	P 02 39 48.4 -0.5
WB2	Warramunga Arr	23.60 118 P	P 02 39 48.6 -0.4
WB2	comp=Z, 4.8nm, 0.8s	Iamb	Iamb 02 40 05.9
WR0	Warramunga Arr	23.78 118 P	P 02 39 50.3 -0.3
WR0	comp=Z, 6.5nm, 0.8s	Iamb	Iamb 02 40 08.1
AS31	Alice Springs	24.91 127 P	P 02 40 02.2 -0.7
ASAR	Alice Springs	24.91 127 P	P 02 40 02.8 +1.9
ASAR	comp=Z, 1.8nm, 0.5s, baz=299, slow=8.9, SNR=2.0	PcP	PcP 02 43 37.5 +1.7
ASAR	comp=Z, 0.5nm, 0.8s, baz=304, slow=1.7, SNR=1.9	S	S 02 44 33.4 +1.2
ASAR	comp=Z, 0.2nm, 0.3s, baz=306, slow=25, SNR=1.3	LR	LR 02 51 29.3
ASAR	comp=Z, 51nm, 18.5s, baz=286, slow=40	P	P 02 39 59.6 -1.3
ASAR	Alice Springs	24.91 127 P	P 02 40 06.4 -1.5
FORT	Forrest	25.70 148 P	P 02 40 13.0
FORT	comp=Z, 16nm, 0.7s	Iamb	Iamb 02 40 53.7 +0.1
CMAR	Chiang Mai Arr	30.81 335 P	P 02 54 18.0
CMAR	comp=Z, 0.5nm, 0.3s, baz=170, slow=7.9, SNR=6.3	LR	LR 02 54 18.0
CMAR	Chiang Mai Arr	30.81 335 P	P 02 54 18.0
CMAR	Chiang Mai Arr	30.81 335 P	P 02 54 18.0
STKA	Stevens Creek	35.03 134 P	P 02 40 51.9 -1.7
STKA	comp=Z, 2.0nm, 0.6s, baz=318, slow=12, SNR=4.2	LR	LR 02 41 32.8 +2.5
STKA	comp=Z, 60nm, 20.6s, baz=21, slow=37	P	P 02 56 23.9
STKA	Stevens Creek	35.03 134 P	P 02 41 30.0 -0.4
H08S2	Diego Garcia H	39.46 270 T	T 02 04 24 17.7
H08S3	Diego Garcia H	39.47 270 T	T 03 24 14.6
H08S1	Diego Garcia H	39.48 270 T	T 03 24 18.8
CD2	Chengdu	41.06 349 P	P 02 42 20.5 -0.6
KRSR	Korea Array	48.97 16 P	P 02 43 23.1 -0.7
KRSR	comp=Z, 1.1nm, 0.4s, baz=202, slow=7.8, SNR=4.9	LR	LR 03 05 24.2
HHC	Hu-ho-hao-te	50.14 359 eP	P 02 43 35.7 +2.9
HHC	comp=Z, 19nm, 0.7s	pmax	pmax 02 43 35.7 +2.9
HHC	comp=Z, 56nm, 6.6s	pmax	pmax 02 43 43.4 -2.4
MJAR	Matsushiro Arr	51.88 26 P	P 02 44 17.2 -1.2
MJAR	comp=Z, 3.7nm, 1.0s, baz=205, slow=8.8, SNR=5.4	P	P 02 44 17.2 -1.2
USA0B	Ussuriysk Arr	56.37 17 P	P 02 44 16.8 -1.5
USRK	Ussuriysk Arr	56.37 17 P	P 02 44 16.8 -1.5
USRK	Ussuriysk Arr	56.37 17 P	P 02 44 17.4 -1.0
SOMM	Songino Array	57.24 355 P	P 02 44 24.0 -1.6
SOMM	comp=Z, 1.0nm, 0.6s, baz=174, slow=9.6, SNR=6.5	Iamb	Iamb 02 44 23.5 -1.7
SOMM	Songino Array	57.37 355 P	P 02 44 25.7
WNO	Warramunga Arr	57.65 339 eP	P 02 44 28.0 +0.5
GAR	Garm	62.13 324 P	P 02 44 55.3 -3.2
GAR	comp=Z, 3.3nm, 0.6s	Iamb	Iamb 02 44 59.1
MK31	Makanchi Array	62.17 337 P	P 02 44 56.6 -1.9
MK31	comp=Z, 2.1nm, 0.8s	Iamb	Iamb 02 44 58.4
MKAR	Makanchi Array	62.17 337 P	P 02 44 57.6 -0.9
MKAR	comp=Z, 2.9nm, 0.6s, baz=147, slow=7.2, SNR=3.1	Iamb	Iamb 02 44 56.9 -1.6
MKAR	Makanchi Array	62.17 337 P	P 02 44 58.9 -1.3
AAK	Ala-Archa	62.39 329 P	P 02 45 04.1
BKZ	Black Stump Fm	64.01 129 P	P 02 45 11.4 +0.4
URW	Urewera	64.35 128 P	P 02 45 10.7 -2.4
MAW	Mawson	66.57 199 LR	LR 03 09 21.3
ZALV	Zalesovo Beam	67.41 343 P	P 02 45 30.9 -1.4
VNDA	Vanda	72.54 170 P	P 02 46 06.5 +2.9
TIXI	Tiksi	81.76 5 P	P 02 46 53.9 -1.9
LSZ	Lusaka	81.97 256 LR	LR 03 18 23.2
SNAE	Snae	86.67 197 P	P 02 47 32.5 +2.5
VNA2	Neumayer-Watz	90.31 197 P	P 02 47 40.8 +3.2
VNA3	Neumayer Olymp	90.77 196 P	P 02 47 42.7 +3.0

s-min=14.7km az=170.0			
AEIC 12 02:41:03.2, 9.51:34N, 0.08:172.74W, 0.09, h7km, 4km, Error ellipse: s-maj=11.4km s-min=8.0km az=174.0			
NEIC 12 02:41:05.2, 1.4, 51:57N, 0.08:172.76W, 0.06, h10km, 1km, az=0/66, ML3.7(AEIC), Error ellipse: s-maj=13.0km s-min=6.4km az=188.0			
ISC 12 02:41:07.0, 6.0, 51:15N, 0.09:172.83W, 0.05, h37km, n126, s1917/118, mb4.0/22, MS3.2/5, Andeanof Islands			
Code	Station Name	Δ° AZ°	Phase ID Time Res
KOPF	Korovin Flat P	1.09 315	Pn 02 41 26.4 0.0
KOSE	Korovin Southe	1.12 318	Pn 02 41 27.7 +0.9
KOSE	Korovin Southe	1.12 318	Sn 02 41 46.0 +5.0
KOKL	Mount Ključef	1.17 314	Pn 02 41 28.0 +0.5
GSGI	Igkitin Island	1.89 285	Pn 02 41 38.9 +0.4
GSMY	Great Sitkin M	2.07 286	Pn 02 41 40.6 +1.0
GSTR	Great Sitkin T	2.09 287	Pn 02 41 41.0 +1.0
GSTD	Great Sitkin T	2.13 286	Pn 02 41 41.2 +0.6
GSTD	Great Sitkin T	2.13 286	Sn 02 42 07.7 +1.8
ADK	Adak	2.42 280	Pn 02 41 45.6 +1.0
ADK	Adak	2.42 280	Sn 02 42 14.0 +1.0
KIWB	Kanaga Island	2.71 279	Pn 02 41 50.2 +1.7
KIMD	Kanaga Island	2.75 277	Pn 02 41 50.3 +1.1
TAPA	Tanaga Point A	3.12 278	Pn 02 41 55.0 +0.8
TASE	Tanaga Southea	3.26 278	Pn 02 41 57.0 +0.9
UNV	Unalaska Valle	4.05 56 Pn	Pn 02 42 14.1 +0.9
AMKA	Amchitka	4.92 272 Pn	Pn 02 42 15.0 +1.5
P18K	Big Mountain,	12.70 45 Pn	Pn 02 44 05.8 +0.4
OHAK	Old Harbor	12.73 56 Pn	Pn 02 44 06.7 +0.9
O18K	Koktuh Hills	12.95 43 Pn	Pn 02 44 08.2 -0.6
KDKA	Kodiak Island	13.27 54 Pn	Pn 02 44 13.4 +0.3
KDKA	Kodiak Island	13.27 54 Pn	Pn 02 44 12.1 -1.0
M19K	Big River Lodg	14.46 37 Pn	Pn 02 44 29.0 -0.4
CNPM	China Lake	14.57 48 Pn	Pn 02 44 30.0 -0.4
BRLK	Bradley Pook	14.83 48 Pn	Pn 02 44 33.3 -1.1
K20K	Teilda	15.50 33 Pn	Pn 02 44 44.4 +1.2
K20K	Teilda	15.50 33 Pn	Iamb 02 44 52.0
SKT	Skwentna	15.61 40 Pn	Pn 02 44 45.5 +0.9
SEW	Seward	15.63 48 Pn	Pn 02 44 43.2 -1.6
PLLA	Purkeypile	15.88 36 Pn	Pn 02 44 48.4 +0.2
PLLA	Purkeypile	15.88 36 Pn	Iamb 02 44 58.7
J20K	Nowinta River	16.03 31 Pn	Pn 02 44 49.0 -1.0
PMR	Palmer	16.41 43 Pn	Pn 02 44 54.4 -0.3
PWL	Port Wells	16.44 46 Pn	Pn 02 44 54.9 -0.3
PWL	Port Wells	16.44 46 Pn	Iamb 02 45 00.7
KNK	Knik Glacier	16.62 44 Pn	Pn 02 44 56.5 -0.9
KTH	Kanishna Hill	17.37 35 Pn	Pn 02 44 59.2 +0.3
KTH	Kanishna Hill	17.37 35 Pn	Iamb 02 45 19.9
SML	Sawmill	16.84 43 Pn	Pn 02 44 58.7 -1.6
SML	Sawmill	16.84 43 Pn	Iamb 02 45 07.2
TRF	Thorofore Moun	16.90 36 Pn	Pn 02 45 01.2 0.0
BPBW	Bear Paw Mtn.	17.04 34 Pn	Pn 02 45 02.2 -0.4
BPBW	Bear Paw Mtn.	17.04 34 Pn	Iamb 02 45 19.6
SCM	Sheep Creek Mo	17.29 43 Pn	Pn 02 45 05.3 -0.5
SCM	Sheep Creek Mo	17.29 43 Pn	Iamb 02 45 09.3
I21K	Tanana	17.40 30 P	P 02 45 07.8 -0.3
I21K	Tanana	17.40 30 P	Iamb 02 45 11.6
IMAR	Indian Mountai	17.44 27 Pn	Pn 02 45 07.6 -0.1
H21K	Melozitna Rive	17.48 28 Pn	Pn 02 45 07.0 -1.1
DIV	Divide	17.70 47 Pn	Pn 02 45 10.8 -0.1
DIV	Divide	17.70 47 Pn	Iamb 02 45 28.9
MLY	Manley	17.70 32 P	P 02 45 10.3 -0.6
KLU	Klutina	17.76 45 Pn	Pn 02 45 11.8 +0.1
KLU	Klutina	17.76 45 Pn	Iamb 02 45 16.8
DHY	Denali Highway	17.83 40 Pn	Pn 02 45 12.4 -0.2
M24K	Tolsona, Glenn	17.89 43 Pn	Pn 02 45 08.2 -5.1
M24K	Tolsona, Glenn	17.89 43 Pn	Iamb 02 45 11.4
PETK	Petrovavlovsk	18.03 287 P	Pn 02 45 12.0 -3.1
PETK	comp=Z, 0.2nm, 0.3s, baz=78, slow=14, SNR=2.3	LR	LR 02 51 36.1
PETK	Petrovavlovsk	18.03 287 P	Pn 02 45 14.0 -1.0
BMRM	Bremner River	18.18 48 Pn	Pn 02 45 15.3 -1.3
BMRM	Bremner River	18.18 48 Pn	Iamb 02 45 31.3
I23K	Minto, Yukon-K	18.23 33 P	P 02 45 17.5 +0.2
I23K	Minto, Yukon-K	18.23 33 P	Iamb 02 45 37.1
WRH	Wood River Hill	18.28 35 P	P 02 45 16.5 -1.3
CCB	Clear Creek Bu	18.48 35 P	P 02 45 19.3 -0.7
MDM	Murphy Dome	18.51 34 P	P 02 45 20.0 +0.2
H29K	Yukon River	18.59 31 Pn	Pn 02 45 22.0 +0.2
HDA	Harding Lake	18.67 36 P	P 02 45 22.5 0.0
GLB	Gliahina Butte	18.70 47 P	P 02 45 22.6 +0.1
WAX	Waxell Ridge	18.85 50 P	P 02 45 23.9 -0.4
IL31	Ilkai	18.88 35 Pn	Pn 02 45 24.2 -0.2
IL31	Ilkai	18.88 35 Pn	Iamb 02 45 28.6
ILAR	Eielson Array	18.88 35 P	P 02 45 21.3 -3.2
ILAR	comp=Z, 0.4nm, 0.3s, baz=233, slow=9.8, SNR=28	P	P 02 45 23.6 -0.8
ILAR	Eielson Array	18.88 35 P	P 02 45 25.8 +0.3
TGL	Tana Glacier	18.95 49 Pn	Pn 02 45 26.6 -0.6
MCARA	McCarthy VSAT	19.04 47 Pn	Pn 02 45 35.5
MCARA	McCarthy VSAT	19.04 47 Pn	Iamb 02 45 35.5
H24K	Noodor Dome	19.14 32 P	P 02 45 27.1 -0.2
H24K	Noodor Dome	19.14 32 P	Iamb 02 45 30.8
RIDG	Independent Ri	19.15 40 Pn	P 02 45 26.8 -0.6
RIDG	Independent Ri	19.15 40 Pn	Iamb 02 45 45.1
COLD	Coldfoot	19.33 27 P	P 02 45 29.2 0.0
COLD	Coldfoot	19.33 27 P	Iamb 02 45 32.2
M26K	Nabesna, AK	19.38 44 P	P 02 45 29.7 -0.3
M26K	Nabesna, AK	19.38 44 P	Iamb 02 45 48.3
DOT	Dot Lake	19.42 40 Pn	P 02 45 30.1 -0.3
GRNC	Granite Creek</		

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNA, Limon Verde, Paso Flores, Kesra, Sonseca Array, etc.

IDC 12 03:11:19.3z.2.0, 7.99S, 125.52E, h0km, mb3.5/1, mb1 3.8/5, mb1mx3.4/31, mbtmp3.7/5, ML3.5/4, Error ellipse: s-maj=51.5km s-min=28.4km az=75.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BATI, FITZ, WRA, ASAR, MKAR, etc.

IDC 12 03:11:25.0z.4.9, 21.03S, 111.55W, h0km, mb4.0/5, mb1 4.1/5, mb1mx3.8/30, mbtmp4.0/5, Error ellipse: s-maj=259.7km s-min=104.1km az=108.0, NEIC 12 03:11:26.6z.1.2, 21.2S, 0.2x11.3W, 0.2, h10km, 2km, mb4.5/6, Error ellipse: s-maj=52.4km s-min=15.7km az=141.0

ISC 12 03:11:27.4z.3.4, 21.1S, 0.7x11.4W, 0.5, h16km, n12, +071.12, mb4.2/7, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KOWA, TORD, TRCB, TBGT, KEST, GERES, etc.

IDC 12 03:31:41.2z.1.2, 30.61S, 71.77W, h0km, mb3.9/2, mb1 3.8/5, mb1mx3.6/26, mbtmp3.8/5, ML3.3/3, Error ellipse: s-maj=76.3km s-min=29.0km az=104.0, NEIC 12 03:31:43.3z.1.2, 30.7S, 0.04x72.0W, 0.04, h10km, 1km, mb4.1/4, Error ellipse: s-maj=7.2km s-min=5.6km az=206.0

ISC 12 03:31:43.5z.0.9, 30.57S, 0.05x71.97W, 0.09, h16km, n36, +090/33, mb4.0/3, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CO06, CO05, CO05, CO05, CO04, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H03N1, H03N2, H03N3, LVC, etc.

GCG 12 04:13:12.0z.3.0, 13.65N, 90.74W, h46km, 16km, MD3.5, SNET 12 04:13:12.0z.3.0, 13.68N, 90.58W, h24km, 2km, ML2.9, ISC 12 04:13:12.0z.2.2, 13.60N, 0.10x96.7W, 0.06, h24km, 15km, n17, +050/30, Near coast of Guatemala

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

IDC 12 04:23:30.6z.2.3, 6.59S, 129.94E, h0km, mb3.6/1, mb1 3.8/4, mb1mx3.3/38, mbtmp3.6/4, ML3.7/3, MS2.9/1, MS1 2.9/1, ms1mx3.2/29, Error ellipse: s-maj=87.6km s-min=29.7km az=77.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIJI, FITZ, FITZ, WRA, ASAR, GUMO, MKAR, etc.

NNC 12 04:38:15.4z.0.5, 45.15N, 79.69E, h0km, mb3.7, mpv3.6, Error ellipse: s-maj=4.6km s-min=3.5km az=121.0, SOME 12 04:38:15.6z.45.15N, 79.62E, h15km, ISC 12 04:38:13.8z.1.45, 23.03S, 0.03x79.75E, 0.03, h5km, 13km, n42, +102/65, 10C-10D, Eastern Kazakhstan

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

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

RSNC 12 04:48:06.0z.5.0, 8.38N, 73.50W, h112km, 4km, ML3.6, Mw3.9, 6C-5D, Fault plane solution: NP1:0.00000°, 881.00000°, 2158.00000°, Northern Colombia

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

12d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARGC Ariguani, Magd, BARC Barichara, UREC San Jos de Ur, etc.

NNC 12 05:04:19.1±1.9,50.14N±87.74E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=13.7km s-min=8.4km az=75.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKAR Aktash, CHBI Chibit, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK31, MAKZ, KURK, etc.

PREF 12 05:14:28.6±0.8,26.40S±27.67E, h2km, ML2.6, Error ellipse: s-maj=13.7km s-min=8.4km az=75.0

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

TUL 12 05:37:49.8±0.8,36.13N±01.97°E, h6km, 7km, ML2.7, mb, Lg2.3/15(NEIC), Error ellipse: s-maj=1.7km s-min=1.2km az=183.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OK29, BKOC, CROK, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AMTX Amarillo, U40A Yellville, etc.

JMA 12 05:50:53.2±0.2,24.12N±123.22E, h44km±3km, M1.7, Southwestern Ryukyu Islands

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

TAP 12 05:50:56.2±0.2,24.12N±122.28E, h16km±1km, ML2.5, D, Taiwan region

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

Table with 5 columns: BLWY, Bulawayo, 5.67 354, eS, Sn, 07 14 34.6 -3.0

IDC 12 07:12:15.3-4.4, 23:19S-68:92E, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.6/38, mbtmp3.9/7, M53.5/14, Ms=1.5, 1.4, ms1mx3.3/47, Error ellipse: s-maj=136.1km s-min=28.5km az=33.0, Mid-Indian Ridge

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC

IDC 12 07:27:01.9-1.3, 6.71N-94.49E, h0km, mb3.9/8, mb1 3.9/9, mb1mx3.6/49, mbtmp3.8/9, ML3.2/1, Error ellipse: s-maj=70.1km s-min=16.9km az=56.0

IDC 12 07:27:07.3-1.2, 6.7N-93.94SE, 0.3, h35km, n13, c059J/13, mb3.9/8, Nicobar Islands region

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC

NMC 12 07:38:21.7-0.8, 50.00N-78.77E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=13.8km s-min=3.9km az=77.0, Suspected Mining explosion.

IDC 12 07:38:22.8-0.8, 50.06N-78.76E, h0km, mb1 2.9/3, mb1mx2.7/45, mbtmp2.9/3, ML2.5/3, Error ellipse: s-maj=10.9km s-min=5.9km az=58.0

IDC 12 07:38:23.0-0.9, 50.03N-0.05E-78.71E, 0.05, h0km, n10, c1933/17, 8C-4D, Eastern Kazakhstan

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC

SNET 12 07:41:05.5-1.7, 12.65N-86.38W, h15km, 999km, MD3.3, ML3.6

INET 12 07:41:05.1, 12.90N-86.62W, h18km, MW3.8 UCR 12 07:41:08.8-3.1, 13.43N-86.46W, h5km, ML3.3

IDC 12 07:41:15.8-5.6, 12.69N-86.70W, h31km, 50km, mb3.2/5, mb1 3.6/6, mb1mx3.4/37, mbtmp3.4/6, ML2.8/1, M53.0/2, Ms1 3.0/2, ms1mx2.6/16, Error ellipse: s-maj=70.4km s-min=19.9km az=42.0

IDC 12 07:41:12.6-0.7, 12.82N-101.8672W-0.08, h10km, n34, c29/20/33, mb3.3/5, Nicaragua

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC

IDC 12 08:07:21.9-4.8, 22.86S-179.65E, h519km, 37km, mb3.3/3, mb1 3.6/3, mb1mx3.0/29, mbtmp4.2/3, Error ellipse: s-maj=227.2km s-min=29.4km az=162.0, South of Fiji Islands

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC

FUNV 12 08:09:02.6, 8.49N-71.39W, h2km, MW3.0 IDC 12 08:09:02.5-1.2, 8.50N-0.03E-71.36W-0.02, h13km, 10km, n36, c131/68, Venezuela

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC

Table with 5 columns: NORC, Norcasia, 4.55 230, eP, Pn, 08 10 12.4 +1.2

NEIC 12 08:16:55.5-1.2, 63.25S-0.10E-170.6E-0.7, h10km, 2km, mb4.3/7, Error ellipse: s-maj=57.9km s-min=8.1km az=75.0

GCMT 12 08:16:56.0-0.3, 63.21S-0.02E-170.66E-0.05, h13km, 2km, MW5.1/78, Moment Tensor Solution, s13,c13, s78,c107, Duration: 0, Moment tensor: Scale: 015m: M0=0.48; 16; M2=5.5; 16; M3=2.06; 13; M4=4.77; 109; M5=1.08; 13; M6=0.65; 38; Best double couple: Ms=10400.10; NP1=0.316, 0.00000; 81.2, 0.00000; -48.00000; NP2=0.94, 0.00000; 881.00000; -1.98, 0.00000; Principal axes: T=6.2300, Plg36.0000; Azm191.0000; N-2.2430, Plg8.0000; Azm95.0000; P-3.9780, Plg53.0000; Azm354.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

IDC 12 08:16:58.2, 63.41S-168.41E, h0km, mb3.7/2, mb1 4.2/3, mb1mx3.7/15, mbtmp4.0/3, ML3.9/1, M54.0/11, Ms1 4.0/11, ms1mx3.9/19, Error ellipse: s-maj=99.4km s-min=42.5km az=70.0

IDC 12 08:16:55.9-1.0, 63.24S-0.09E-170.4E-0.4, h10km, n45, c1530/17, mb4.1/4, MS4.1/13, Balleny Islands region

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC

IDC 12 08:23:29.7-1.3, 55.55N-0.1-155.7W-0.1, h42km, 27km, Error ellipse: s-maj=17.3km s-min=1.1km az=152.0

AEIC 12 08:23:30.1-5.5, 41N-0.09E-155.5W-0.1, h32km, 8km, ML3.4, ML3.7/22(NEIC), Error ellipse: s-maj=14.0km s-min=5.4km az=150.0

IDC 12 08:23:27.1-1.9, 55.55N-0.1-155.57W-0.07, h55km, 12km, n70, c1937/72, South of Alaska

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC

NEIC 12 08:23:29.7-1.3, 55.55N-0.1-155.7W-0.1, h42km, 27km, Error ellipse: s-maj=17.3km s-min=1.1km az=152.0

AEIC 12 08:23:30.1-5.5, 41N-0.09E-155.5W-0.1, h32km, 8km, ML3.4, ML3.7/22(NEIC), Error ellipse: s-maj=14.0km s-min=5.4km az=150.0

IDC 12 08:23:27.1-1.9, 55.55N-0.1-155.57W-0.07, h55km, 12km, n70, c1937/72, South of Alaska

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC

12d 10h

Table with columns: SII, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Sitkinak Islan, Aniakhchak Peak, Aniakhchak Nort, etc.

NOU 12:09:08:05.4, 15:48S;173:66W, h148km, MLV3.9/4, Tonga Islands, Tonga Islands

TUL 12 09:24:27.2-1.1, 35.92N;0101.97:34W;0.02, h5km, 7km, ML3.0, mb, Lg2.9/35(NEIC), Error ellipse: s-maj=2.9km s-min=1.1km az=116.0

NEIC 12 09:24:27.4-0.6, 35.94N;0102.97:36W;0.05, h5km, 2km, Error ellipse: s-maj=6.9km s-min=3.1km az=61.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Liberty Lake, Bluff Creek, etc.

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Table with columns: MGMO, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Mountain Grove, Maddies Statio, etc.

UCR 12 09:35:20.6-1.9, 8.31N;82.69W, h5km, MW4.3 UPA 12 09:35:22.6-1.5, 8.34N;82.83W, h11km, 7km, MW4.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Petroterminal, Bagala, Chiriq, etc.

IDC 12 09:37:00.8-4.6, 25.48S;68.92W, h98km, 33km, mb3.6/3, mb1 3.7/5, mb1mx3.4/25, mbtmp3.9/5, Error ellipse: s-maj=54.7km s-min=24.0km az=52.0

GUC 12 09:37:00.1-0.8, 25.33S;69.09W, h103km, 10km, ML4.0

ISC 12 09:37:00.7-0.8, 25.40S;69.06W;0.08, h101km, 8km, n31, c101/33, mb3.9/3.4C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Maricunga, IPOC Station P, etc.

LVC Limon Verde 2.78 3 P Pn 09 37 44.7 +0.7

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like H03N1, H03N2, H03N3, etc.

WRA Warramunga Arr 129.51 209 PKP PKPdf 09 55 58.5 +0.1

KURBB Kurchatov Arra 144.61 36 PKP PKPdf 09 56 25.0 -0.2

ZALV Zalesovo Benk 145.50 27 PKP Pcb PKPab 09 56 27.7 +0.5

RSNC 12 09:37:28.7-1.2, 7.37N;78.05W, h13km, 6km, ML3.1, MW3.5

UPA 12 09:37:28.1-0.8, 7.30N;78.17W, h10km, 16km, MW4.4

ISC 12 09:37:27.4-1.1, 7.32N;078.11W;0.03, h17km, 8km, n39, c190/69, ID, Panama

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Punta Arditia, Meteti, etc.

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Table with columns: SOLC, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Bahia Solano, Capurgana, etc.

LCBC Los crdobas, 2.30 48 i P Pn 09 38 06.2 +1.7

ZANG Zanguanga, Cho 2.38 313 i P Pn 09 38 06.6 +0.9

ISLA Isla Barro Col 2.51 317 e P Pn 09 38 08.0 +1.5

ISLA Isla Barro Col 2.51 317 i P Pn 09 38 08.0 +0.6

CIOC Ciudad Bolivar 2.54 125 e P Pn 09 38 09.3 +1.7

MLIR Monte Lirio 2.57 318 e P Pn 09 38 09.9 +0.6

UREC San Jos de Ur 2.59 80 e P Pn 09 38 09.9 0.0

UREC San Jos de Ur 2.59 80 e P Pn 09 38 10.1 +1.5

UREC Santa Helena 2.80 114 e P Pn 09 38 10.8 +2.2

UREC Santa Helena 2.80 114 e P Pn 09 38 11.2 +1.2

UREC Santa Helena 2.80 114 e P Pn 09 38 14.8 -0.5

MOTC Monteria, Cord 2.82 59 e P Pn 09 38 13.0 +1.3

MOTC Monteria, Cord 2.82 59 e P Pn 09 38 14.0 -0.5

MOTC Monteria, Cord 2.82 59 e P Pn 09 38 14.9 0.7

PLMC San Jos del P 3.01 143 e P Pn 09 38 13.8 -0.6

PLMC San Jos del P 3.01 143 e P Pn 09 38 17.7 -2.9

ZARC Zaragoza, Cauca 3.23 87 e P Pn 09 38 18.9 +1.6

ZARC Zaragoza, Cauca 3.23 87 e P Pn 09 38 54.1 -1.4

GUY2C Guyana, Caidas 3.43 127 e P Pn 09 38 22.4 +1.9

GUY2C Guyana, Caidas 3.43 127 e P Pn 09 39 05.8 +4.7

GUY2C Guyana, Caidas 3.43 127 e P Pn 09 39 11.4 0.0

NORC Norcasia 3.66 118 e P Pn 09 38 26.0 +2.7

NORC Norcasia 3.66 118 e P Pn 09 39 16.1 0.0

YOTC Yotoco, Valle 3.75 152 e P Pn 09 38 25.3 +0.7

YOTC Yotoco, Valle 3.75 152 e P Pn 09 39 25.5 0.0

SJCC San Jacinto, C 3.86 48 e P Pn 09 38 25.9 -0.2

SJCC San Jacinto, C 3.86 48 e P Pn 09 39 10.6 -0.7

SJCC San Jacinto, C 3.86 48 e P Pn 09 39 17.6 0.0

ANIL Santa Ana 3.89 136 e P Pn 09 38 30.1 +3.4

SMLC San Martn de 4.26 70 e P Pn 09 38 33.1 +3.8

SMLC San Martn de 4.26 70 e P Pn 09 39 19.6 -1.2

SMLC San Martn de 4.26 70 e P Pn 09 39 26.4 0.0

SPBC San Pablo de B 4.34 112 e P Pn 09 38 35.2 +2.5

SPBC San Pablo de B 4.34 112 e P Pn 09 39 56.9 0.0

BRRC Barranca, Sant 4.37 93 e S Pn 09 39 23.9 +0.4

BRRC Barranca, Sant 4.37 93 e S Pn 09 39 46.8 0.0

ORTC Ortega, Tolima 4.43 140 e P Pn 09 38 36.9 +3.0

ORTC Ortega, Tolima 4.43 140 e P Pn 09 38 40.9 -3.8

PRAC Prado 4.81 138 e P Pn 09 38 40.0 +0.9

PRAC Prado 4.81 138 e P Pn 09 39 56.9 0.0

OCAC Ocaña 4.83 79 e S Pn 09 38 42.1 +2.6

OCAC Ocaña 4.83 79 e S Pn 09 39 35.2 -0.1

OCAC Ocaña 4.83 79 e S Pn 09 39 39.8 0.0

BARC Barichara 4.94 98 e S Pn 09 38 43.4 +2.3

BARC Barichara 4.94 98 e S Pn 09 39 37.5 -0.5

CHIC Chingaza 5.11 121 e P Pn 09 38 40.0 +4.5

CHIC Chingaza 5.11 121 e P Pn 09 40 21.5 0.0

RUSC La Rusia 5.19 106 e P Pn 09 38 47.0 +2.2

RUSC La Rusia 5.19 106 e P Pn 09 39 49.3 +4.8

RUSC La Rusia 5.19 106 e P Pn 09 40 09.9 0.0

PAMC Pamplona, Colo 5.36 89 e S Pn 09 38 49.0 +1.9

PAMC Pamplona, Colo 5.36 89 e S Pn 09 39 48.9 0.0

PAMC Pamplona, Colo 5.36 89 e S Pn 09 39 55.1 0.0

IDC 12 10:00:06.7-1.6, 27.77N;85.43E, h0km, mb3.7/6, mb1 3.7/7, mb1mx3.5/68, mbtmp3.6/7, ML3.5/1, Error ellipse: s-maj=55.1km s-min=26.6km az=56.0, Nepal

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Makanchi Array, Kurchatov Arra, etc.

MAN 12 10:05:50.1, 17.00N;122.78E, h8km, mb4.7, ML3.6, MS3.5

IDC 12 10:05:48.1-1.8, 17.06N;122.77E, h0km, mb3.4/5, mb1 3.5/5, mb1mx3.3/63, mbtmp3.4/5, Error ellipse: s-maj=166.7km s-min=22.1km az=66.0, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Kurchatov Arra, etc.

IDC 12 10:06:16.6-1.8, 16.93N;122.68E, h0km, mb3.4/5, mb1 3.5/5, mb1mx3.3/61, mbtmp3.4/5, Error ellipse: s-maj=177.2km s-min=22.2km az=66.0, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Kurchatov Arra, etc.

12d 11h

SIRN	Sirnak	0.77	190	iP	Pb	11 08 40.7	-0.1	
SIRN				iS	Sb	11 08 52.2	+1.2	
SIRN				IAML		11 08 56.0		
SIRN	comp=N,2um,0.5s			IAML		11 08 56.0		
MLAZ	Malazgirt-MUS	0.89	358	PG	Pb	11 08 42.5	-0.3	
MLAZ				SG	Sb	11 08 55.7	-0.6	
VMUR	Van-Muradiye	1.07	46	iP	Pg	11 08 45.8	-0.6	
VMUR				iS	Sb	11 09 00.6	-0.2	
VMUR	comp=E,1um,0.9s			IAML		11 09 03.0		
VMUR				IAML		11 09 03.0		
EKAR	Karacoban	1.08	338	iP	Pn	11 08 46.3	-0.1	
EKAR				IAML		11 09 06.0		
SVAN	Silvan-Diyarba	1.10	265	iP	Pn	11 08 46.5	+0.1	
SVAN				iS	Sb	11 09 01.4	+0.1	
SVAN	comp=N,1um,0.6s			IAML		11 09 03.0		
SVAN				IAML		11 09 04.0		
SVAN	comp=E,603nm,0.3s			IAML		11 09 04.0		
SVAN	Silvan-Diyarba	1.10	265	PN	Pn	11 08 46.8	+0.3	
SVAN				SN	Sb	11 08 51.0	+0.6	
BTMN	Batman	1.10	251	iP	Pn	11 08 47.2	+0.7	
BTMN				iS	Sb	11 09 02.5	+1.0	
BTMN	comp=N,3um,0.6s			IAML		11 09 04.0		
BTMN				IAML		11 09 04.0		
BTMN	comp=E,5um,0.6s			IAML		11 09 04.0		
HAKT	HAKKARI	1.13	128	iP	Pg	11 08 47.0	-0.6	
HAKT				IAML		11 09 09.0		
HAKT	comp=E,741nm,1.3s			IAML		11 09 11.0		
HAKT				IAML		11 09 11.0		
OZAP	Van, Ozalp-Mer	1.18	69	iP	Pg	11 08 49.1	+0.6	
OZAP				IAML		11 09 13.0		
VRTB	Varto-Mus	1.26	316	iP	Pn	11 08 48.8	0.0	
VRTB				iS	Sb	11 09 06.7	+0.1	
VRTB				IAML		11 09 09.0		
VRTB	comp=E,1um,0.5s			IAML		11 09 11.0		
VRTB				IAML		11 09 11.0		
VRTB	comp=N,917nm,0.5s			IAML		11 09 11.0		
VRTB	Varto-Mus	1.26	316	PN	Pg	11 08 49.2	-0.9	
VRTB				SN	Sb	11 09 07.1	+0.5	
MIDY	Mardin/Midyat	1.26	228	iP	Pg	11 08 49.3	-0.8	
MIDY				IAML		11 09 08.0		
MIDY	comp=E,2um,0.4s			IAML		11 09 12.0		
MIDY				IAML		11 09 12.0		
MIDY	comp=N,2um,0.5s			IAML		11 09 12.0		
CUKT	Cukureca	1.29	141	iP	Pn	11 08 45.8	-3.5	
AGRB	Hamur-Agry	1.36	13	PN	Pb	11 09 16.3	+2.0	
CLDR	Caldiran	1.37	49	iP	Pn	11 08 50.4	0.0	
CLDR				iS	Sb	11 09 09.5	-0.6	
CLDR				IAML		11 09 12.0		
CLDR	comp=E,513nm,0.4s			IAML		11 09 15.0		
CLDR				IAML		11 09 15.0		
CLDR	comp=N,357nm,0.6s			IAML		11 09 15.0		
CLDR	Caldiran	1.37	49	PN	Pn	11 08 50.4	0.0	
SLHN	Bingol, Solhan	1.41	300	iP	Pg	11 08 52.0	-0.9	
SLHN				iS	Sb	11 09 13.2	+2.0	
SLHN				IAML		11 09 17.0		
SLHN	comp=E,2um,0.6s			IAML		11 09 21.0		
SLHN				IAML		11 09 21.0		
SLHN	comp=N,804nm,0.7s			IAML		11 09 21.0		
YOVA	Hakkari, Yekes	1.50	116	iP	Pg	11 08 54.4	-0.3	
YOVA				iS	Sb	11 09 16.3	+2.0	
YOVA				IAML		11 09 22.0		
YOVA	comp=E,322nm,0.7s			IAML		11 09 22.0		
EATA	Eleskirt	1.61	357	iP	Pb	11 08 55.1	-0.1	
EATA				IAML		11 09 20.0		
EATA	comp=N,482nm,0.4s			IAML		11 09 22.0		
EATA				IAML		11 09 22.0		
EATA	comp=E,336nm,0.5s			IAML		11 09 22.0		
KOTA	Agri, Merkez-K	1.62	17	iP	Pb	11 08 55.2	-0.1	
KOTA				iS	Sb	11 09 16.3	+2.0	
BNGB	Bingl	1.66	297	PN	Pb	11 08 55.2	-0.8	
KOPR	Kopruluk-ERZUR	1.82	342	PN	Pb	11 08 57.5	+0.9	
ECAT	Cat-ERZURUM	1.84	318	iP	Pb	11 08 59.2	0.0	
ECAT				IAML		11 09 27.0		
MAZI	Mazidag	1.87	246	PN	Pn	11 08 57.7	+0.6	
ERZM	Erzurum	1.90	330	iP	Pb	11 09 00.6	+0.4	
DYBB	Yibyakir	1.95	262	PN	Pn	11 08 59.1	+0.9	
VNNZ	Vanand	2.08	27	iP	Pg	11 09 03.4	+0.2	
VNNZ				iS	Sb	11 09 33.9	+1.2	
KOVA	Elazig, Kovanc	2.22	283	iP	Pg	11 09 04.2	-1.3	
KOVA				iS	Sb	11 09 34.9	+2.2	
KOVA				IAML		11 09 43.0		
KOVA	comp=N,231nm,1.3s			IAML		11 09 44.0		
GNI	Garni	2.53	41	iP	Pg	11 09 13.9	-0.3	
GNI				iS	Sb	11 09 48.4	+1.4	
TNCL	Tunceli-Merkez	2.53	291	iP	Pb	11 09 10.7	-0.1	
TNCL				IAML		11 09 57.0		
SVRC	Sivrice-ELAZID	2.58	274	PN	Pn	11 09 07.7	+0.7	
KAPZ	Kaputan	2.62	348	iP	Pg	11 09 16.4	+0.1	
KAPZ				iS	Sb	11 09 51.7	+1.1	
ELZG	Elazig	2.84	276	iP	Pg	11 09 11.5	+1.0	
SURC	SANLIURFA_SURC	3.44	248	iP	Pn	11 09 19.1	+0.4	

NEIC 12 11:13:28.4s,1.58,84N,0.04:154.52W,0.07, h132km,5km, Error ellipse: s-maj=5.7km s-min=5.3km az=225.0

IDC 12 11:13:29.4s,7.59,26N,154.97W,h102km,83km,mb3.7/3, mb1 3.7/4,mb1mx3.2/62,mbtmp4.0/4,ML3.9/1,MS3.1/1, Ms1 3.1/1,ms1mx2.4/32,Error ellipse: s-maj=119.8km s-min=51.7km az=131.0

AEIC 12 11:13:29.1s,6.58,84N,0.03:154.67W,0.1,h125km,5km, ML3.5,ML3.7/76(NEIC),Error ellipse: s-maj=7.9km s-min=4.7km az=96.0

ISC 12 11:13:29.5s,0.9,58.86N,0.04:154.51W,0.04, h134km,6km,n206,0.88/204,mb3.93,Alaska Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	Res
Q19K	Cape Douglas, baz=260	0.45	81	Op	ISC	11	13	47.7	-0.1
Q19K				S	Sn	11	14	01.9	-0.6
Q19K	baz=260								
Q19K	Cape Douglas, baz=260	0.45	81	Pn	Sn	11	13	47.7	-0.1
Q19K	Cape Douglas, baz=260	0.45	81	Pn	Sn	11	14	01.9	-0.6
Q19K	Cape Douglas, baz=260	0.45	81	IAML		11	13	50.8	
KAKN	Katmai Knife C	0.64	207	Pn	Sn	11	13	48.7	-0.3
KAKN				Sn	Sn	11	14	03.5	-1.0
P18K	Big Mountain, baz=147	0.65	325	P	Sn	11	13	48.3	-0.6
P18K				S	Sn	11	14	02.6	-1.9
P18K	baz=147								
P18K	Big Mountain, baz=147	0.65	325	Pn	Sn	11	13	48.3	-0.6
P18K				Sn	Sn	11	14	02.6	-1.9
KABU	Katmai Buttres	0.72	215	Pn	Sn	11	13	49.4	-0.1
KABU				Sn	Sn	11	14	05.2	-0.3
AUCH	Augustine Cone	0.74	47	Pn	Sn	11	13	50.1	+0.4
AUCH				Sn	Sn	11	14	05.4	-0.4
AUO	Augustine Qik'	0.75	48	Pn	Sn	11	13	49.9	+0.2
OPT	Oil Point, baz=220	1.03	39	P	Pn	11	13	52.5	+0.5
OPT									
P19K	Oil Pt, baz=220	1.03	39	P	Pn	11	13	52.5	+0.5
P19K				S	Sn	11	14	09.6	-0.4
P19K	baz=220								
P19K	Oil Pt, baz=220	1.03	39	Pn	Sn	11	13	52.6	+0.6
P19K				S	Sn	11	14	09.6	-0.4
P19K	baz=220								
P19K	Oil Pt, baz=220	1.03	39	IAML		11	14	10.8	
P19K									
P19K	comp=E,2um,0.7s			IAML		11	14	11.0	
O18K	Koktuk Hills, baz=161	1.06	341	P	Pn	11	13	51.9	-0.3
O18K				S	Sn	11	14	09.1	-1.3
O18K	baz=161								
O18K	Koktuk Hills, baz=161	1.06	341	Pn	Sn	11	13	51.9	-0.3
O18K				Sn	Sn	11	14	09.1	-1.3
ILS	Iliamna Low So	1.32	33	SN	Sn	11	13	55.3	-0.3
ILS				SN	Sn	11	14	14.5	-0.8

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ILSW	Iliamna Southw	1.32	31	Pn	Sn	11 13 55.2	+0.2	
ILSW				Sn	Sn	11 14 14.6	-0.7	
O19K	Port Alsworth, baz=185	1.34	4	P	Pn	11 13 54.9	-0.1	
O19K	Port Alsworth, baz=185	1.34	4	IAML	Pn	11 14 00.9		
IVE	Iliamna Volcan	1.39	33	Pn	Sn	11 13 56.0	+0.3	
IVE				Sn	Sn	11 14 16.3	-0.2	
KDKAK	Kodiak Island	1.49	136	IAML	Pn	11 13 56.2	-0.5	
KDKAK	Kodiak Island, comp=N,521nm,0.4s	1.49	136	IAML	Pn	11 14 18.7		
KDKAK				IAML		11 14 19.5		
O20K	Slope Mountain, baz=219	1.56	37	P	Pn	11 13 58.0	+0.5	
O20K				S	Sn	11 14 20.0	+0.3	
O20K	Slope Mountain, baz=219	1.56	37	P	Sn	11 13 58.0	+0.5	
O20K				Sn	Sn	11 14 20.0	+0.3	
O20K	Old Harbor, baz=338	1.77	158	P	Pn	11 13 59.2	-0.6	
O20K				Pn	Pn	11 13 59.2	-0.6	
O20K	Old Harbor, baz=338	1.77	158	IAML	Pn	11 14 22.6		
O20K	Old Harbor, comp=E,494nm,0.7s	1.77	158	IAML	Pn	11 14 22.6		
O20K	</							

KAN14	Manchester OK	0.28	73	Pg	11 14 06.4 +0.1
KAN10	Anthony SW Sta	0.30	33	Pg	11 14 06.4 -0.2
GC02	Grant County #	0.35	93	Pg	11 14 07.5 -0.1
KAN16	Harper SW Stat	0.40	28	Pg	11 14 07.7 -0.8
KAN05	Bluff City Nor	0.41	55	Pg	11 14 14.2 +0.4
KAN05		0.88	97	Pg	11 14 08.7 +0.1
KAN08	Anthony NE Sta	0.44	36	Pg	11 14 14.8 +0.5
KAN08		0.41	36	Pg	11 14 08.6 -0.6
CROK	Carrier	0.45	145	Pg	11 14 15.5 +0.5
CROK		0.45	145	Pg	11 14 09.0 -0.3
KAN17	Caldwell West	0.46	68	Pg	11 14 15.5 +0.3
KAN12	Harper NE Stat	0.49	29	Pg	11 14 16.6 +1.0
KAN06	Argonia West S	0.51	43	Pg	11 14 10.0 -0.1
KAN06		0.51	43	Pg	11 14 17.1 +0.5
KAN09	Argonia South	0.51	57	Pg	11 14 10.6 0.0
KAN09		0.60	64	Pg	11 14 12.2 -0.2
KAN13	South Haven SW	0.67	78	Pg	11 14 13.3 -0.3
KS20	Mayfield Southe	0.69	59	Pg	11 14 13.8 -0.2
US2A	Winter Franck,	0.75	229	Pg	11 14 14.8 -0.3
BLCK	Blackwell	0.88	97	Pg	11 14 17.2 -0.3
BCOK	Bluff Creek, N	1.33	155	Pn	11 14 24.6 -1.0
BCOK		1.33	155	Pn	11 14 42.9 -0.3
T35A	Sooner Cattle	1.43	88	Pn	11 14 26.9 -0.1
QUOK	Quay	1.46	118	Pn	11 14 27.4 +0.1
QUOK		1.46	118	Pn	11 14 27.0 +0.2
OK03	S. Brethren Rd	1.49	128	Pn	11 14 27.0 +0.2
OK030	Cody Creek RV	1.54	127	Pn	11 14 48.4 -0.3
R32A	Long Quarter,	1.58	348	Pn	11 14 28.5 -0.2
OKCFA	Oklahoma City	1.61	155	Pn	11 14 29.5 +0.1
FNO	Franklin	1.77	155	Pn	11 14 32.0 +0.4
FNO		1.77	155	Pn	11 15 00.1
WMOK	comp=2.23nm,0.9s	2.17	191	Pn	11 14 36.7 -0.3
WMOK		2.17	191	Pn	11 15 13.7
TUL1	Leonard	2.24	115	Pn	11 14 39.3 +1.3
TUL1		2.24	115	Pn	11 15 15.1
CBKS	Cedar Bluff	2.25	330	Pn	11 14 38.8 +0.6
X34A	Smith Ranch, M	2.30	170	Pn	11 14 40.1 +1.6
X37A	Clayton	3.29	133	Pn	11 14 53.4 +0.8
X37A		3.29	133	Pn	11 15 53.4
AMTX	Amarillo	3.39	235	Iamb_Lg	11 15 52.2
HARX	Hobbs	3.56	327	Pn	11 14 56.5 +0.3
KSCO	Kaye Shedlock	4.03	303	Iamb_Lg	11 16 16.3
U40A	Yelville	4.41	95	Iamb_Lg	11 16 22.6
MIAR	Mount Ida	4.49	120	Iamb_Lg	11 16 27.9
BGNE	Belgrade	4.53	1	Iamb_Lg	11 16 28.3
P38A	Dawn	4.65	52	Iamb_Lg	11 16 38.0
MGMO	Mountain Grove	4.83	85	Iamb_Lg	11 16 44.1
PBMO	Poplar Bluff	6.31	89	Iamb_Lg	11 17 30.5
PBMO		6.31	89	Iamb_Lg	11 17 30.5

IDC 12 11:14:23.3;0.9,22.03N;121.17E,h0km,mb3.9/10, mb1 4.0/12,mb1mx3.7/58,mbtmp3.9/12,ML3.72,MS3.0/6, Ms1 3.0/6,ms1mx2.7/45,Error ellipse: s-maj=29.7km s-min=17.1km az=68.0.

NEIC 12 11:14:24.8;1.3,22.16N;121.24E,h10km,1km, mb4.0/6,ML4.5(TAP),Error ellipse: s-maj=11.8km s-min=4.1km az=270.0.

TAP 12 11:14:27.1;22.26N;121.19E,h18km,ML4.3,C NIED 12 11:14:29.0;22.57N;121.44E,h1km,MW4.0,Moment Tensor Solution. s3 Moment tensor: Scale 10¹⁵Nm; Mn:0.04; M0:0.31; M0:0.34; M0:0.82; M0:0.93; M0:0.07; Fault plane solution: Mo:1.29000x10¹⁵ NP1:0.80.00000°, 388.00000°, 1.140.00000°. NP2:0.172.00000°, 850.00000°, 1.3.00000°.

JMA 12 11:14:28.9;0.3,22.57N;121.44E,h1km,2km,ML4.1 ISC 12 11:14:26.4;0.9,22.27N;121.24E,h0.1h7m,6km, n175.0E96/240,mb3.8/12,MS2.7/5,8C-13D,Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time Res
TAW	Tawu	0.33	286	iP	Pb	11	14	33.7	-0.2	
TAW				iS	Sg	11	14	38.4	+0.2	
LAY	Lan-yu	0.37	129	iP	Pb	11	14	35.3	+0.8	
LAY				eS	Sb	11	14	40.4	+0.5	
EAST	Anshuo	0.38	287	iP	Pb	11	14	34.5	-0.3	
EAST				iS	Sg	11	14	39.6	0.0	
SLIU	Shizi	0.41	263	iP	Pg	11	14	34.8	0.0	
SLIU				eS	Sb	11	14	40.0	-0.6	
ECLI	Taimali	0.42	321	iP	Pb	11	14	35.3	-0.1	
ECLI				eS	Sg	11	14	41.2	+0.4	
LDUT	Ludao	0.45	27	iP	Pn	11	14	37.1	-1.0	
LDUT				S	Sn	11	14	44.4	-1.5	
TSEB	Hengchuen, Pin	0.48	221	iP	Pb	11	14	36.6	+0.2	
TSEB				S	Sb	11	14	43.6	+0.3	
TTN	Taitung	0.49	350	P	Pn	11	14	38.0	-0.6	
TTN				S	Sn	11	14	47.2	+0.4	
TWKBT	Hengchun	0.52	231	iP	Pg	11	14	36.6	-0.1	
TWKBT				S	Sg	11	14	43.5	-0.1	
TWK1	Hengchun	0.52	232	iP	Pg	11	14	36.6	-0.2	
TWK1				S	Sg	11	14	43.5	-0.3	
HEN	Hengchun	0.54	241	iP	Pg	11	14	37.1	+0.1	
HEN				iS	Sg	11	14	44.4	+0.1	
SNW	Nanwan	0.55	236	P	Pb	11	14	37.5	0.0	
SNW				eS	Sb	11	14	45.5	+0.2	
TWGBT	Beinan	0.57	345	iP	Pb	11	14	37.8	-0.1	
TWGBT				S	Sb	11	14	45.9	+0.1	
TWG	Pinlang	0.57	344	iP	Pg	11	14	37.8	0.0	
TWG				eS	Sg	11	14	45.5	0.0	
TWG	Pinlang	0.57	344	Pg	Pg	11	14	37.8	0.0	
SCZT	Fangliu	0.59	280	iP	Pg	11	14	37.7	-0.3	
SCZT				eS	Sg	11	14	44.5	-1.3	
LONT	Longtian	0.64	351	iP	Pg	11	14	39.1	0.0	
LONT				eS	Sg	11	14	47.7	+0.1	
MASBT	Mashibuluo	0.66	301	iP	Pg	11	14	39.1	-0.3	
SSPT	Xinbi	0.66	289	iP	Pb	11	14	39.7	+0.2	
EDH	Donghe	0.70	5	iP	Pb	11	14	40.6	+0.4	
EDH				S	Sb	11	14	50.2	+0.6	
TSMG	Majia	0.70	308	iP	Pg	11	14	39.7	-0.5	
TSMG				eS	Sg	11	14	49.3	-0.3	

SSD	Sandimen	0.74	310	P	Pb	11	14	40.2	-0.6	
SSD				eS	Sb	11	14	50.7	0.0	
TSPT	Pingtung City	0.80	301	eP	Pb	11	14	43.6	+0.7	
WLCH	Liuju	0.81	276	iP	Pn	11	14	44.3	+1.4	
TWP	Hsiailiuchiu	0.82	276	eP	Pn	11	14	43.4	+0.3	
ECS	Chishang	0.82	358	P	Pg	11	14	42.5	0.0	
ECS				eS	Sb	11	14	53.1	0.0	
SGLT	Jiouru	0.83	303	eP	Pg	11	14	42.5	0.0	
CHKT	Chengkung	0.83	8	iP	Pb	11	14	42.4	-0.1	
CHKT				eS	Sg	11	14	53.8	+0.1	
SLGT	Liuju	0.91	323	eP	Pb	11	14	43.6	-0.1	
CHKT	Chengkung	0.83	8	iP	Pb	11	14	42.4	-0.1	
CHKT				eS	Sg	11	14	53.8	+0.1	
SLGT	Liuju	0.91	323	eP	Pb	11	14	43.6	-0.1	
KAU	Kaoshiung	0.92	289	eP	Pn	11	14	45.1	+0.6	
SCST	Cishan	0.93	312	eP	Pg	11	14	44.4	0.0	
FULB	Fuli	0.93	3	eP	Pb	11	14	43.7	-0.3	
FULB				eS	Sb	11	14	56.1	0.0	
FULB	Shoushan	0.94	306	eP	Pn	11	14	45.4	+0.6	
ELDTW	Lidau	0.94	347	eP	Pb	11	14	43.2	-1.1	
STYH	Taoyuan	1.00	334	eP	Pb	11	14	45.0	-0.2	
SGST	Jiashan	1.01	323	P	Pb	11	14	45.2	-0.3	
SGST				eS	Sn	11	15	01.1	+1.3	
EYUL	Yuli	1.08	4	eP	Pb	11	14	45.6	-0.9	
YULB	Yu-hi	1.12	3	eP	Pb	11	14	45.4	-2.0	
YULB				eS	Sb	11	14	58.6	-3.0	
YULB	Yu-hi	1.12	3	Pn	Pb	11	14	45.7	-1.7	
CHN1	Nanshi	1.13	324	P	Pg	11	14	48.6	+0.5	
CHN1				eS	Sg	11	15	04.9	+1.9	
WTP	Ta-pu	1.13	329	eP	Pg	11	14	48.0	0.0	
WTP				eS	Sg	11	15	04.5	+1.4	
CHN3	Shinhua	1.14	315	eP	Pg	11	14	49.6	+1.2	
CHN3				eS	Sg	11	15	04.6	+1.2	
SNST	Tainan City	1.17	324	eP	Pg	11	14	49.3	+0.3	
SNST				eS	Sg	11	15	06.5	+2.2	
TPUB	Ta-pu	1.17	331	iP	Pg	11	14	48.9	-0.1	
TPUB				eS	Sg	11	15	04.9	+0.5	
TPUB	Ta-pu	1.17	331	Pn	Pg	11	14	48.6	-0.4	
TPUB				Pg	Pg	11	14	49.1	0.0	
TWK	Hsiungyi	1.21	325	P	Pg	11	14	49.8	-0.1	
TWK				eS	Sg	11	15	06.7	+0.9	
HGSD	Ruisui	1.23	8	eP	Pb	11	14	48.1	-0.7	
EHY	Hungye	1.23	3	eP	Pn	11	14	47.3	-1.6	
EHY				eS	Sb	11	15	02.5	-2.4	
SSHA	Shanhua	1.23	315	eP	Pg	11	14	50.7	+0.5	
SSHA				Pn	Pn	11	14	49.5	0.0	
YUS	Yushan	1.25	348	eS	Sb	11	15	04.5	-1.2	
ALS	Alishan	1.30	342	eP	Pb	11	14	50.4	-0.2	
ALS				eS	Sn	11	15	07.9	+0.6	
SCLT	Sclat	1.32	313	eP	Pg	11	14	51.8	-0.1	
SCLT				eS	Sb	11	15	09.1	-0.1	
EGFH	Guangfu	1.40	7	eP	Pb	11	14	52.0	-0.2	
ICHU	Yijhu	1.41	321	eP	Pb	11	14	52.1	0.0	
ICHU				eS	Sg	11	15	11.6	-0.2	
CHN5	Tsalung	1.42	339	eP	Pg	11	14	53.3	-0.5	
CHN5				eS	Sg	11	15	13.2	+0.9	
CHN8	Yiju	1.43	319	P	Pb	11	14	52.5	-0.2	
CHN8				eS	Sb	11	15	11.5	+0.8	
CHY	Chiayi	1.44	328	eP	Pb	11	14	53.0	+0.2	
CHY				eS	Sb	11	15	11.3	+0.5	
CHN2	Minsihung	1.44	331	eP	Pb	11	14	53.3	+0.5	
CHN2				eS	Sg	11	15	13.1	0.0	
WHYT	Xinyi Township	1.47	346	eP	Pb	11	14	52.8	-0.4	
WHYT				eS	Sg	11	15	13.9	+0.2	
VWDT	VWDT	1.48	356	eP	Pn	11	14	52.2	0.0	
SSLB	Suanglung	1.54	350	eP	Pb	11	14	54.0	-0.4	
SSLB				eS	Sn	11	15	12.9	+0.2	
SSLB	Suanglung	1.54	350	Pb	Pb	11	14	54.0	-0.4	

12d 12h

Table with columns: JOW, KSRS, MAT, MJAR, CMAR, GUMO, KAPI, SONM, SONM, SONM, KLR, MKAR, ZALV, H1N1, H1N2, H1N3, H1S3, H1S1, KURBB, WBO, WRAB, WRA, WRA, WB2, WR0, ASAR, BVAR, ARCES, FINES. Includes station names, codes, times, and various identifiers.

WEL 12:11:52:31.1, ±1.0, 35°S, 127°17'9"E, ±1.5, h197km, 19km, M4.0/16, ML4.4/19, ML4.0/16, Error ellipse: s-maj=0.0km s-min=0.0km az=109.4, Off east coast of North Island

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

AEIC 12:11:55:43.2, 8.61, 44N, 0.03, 154.1, 10W, 0.05, h17km, 6km, ML3.5, ML3.7/10 (NEIC), Error ellipse: s-maj=4.1km s-min=3.0km az=221.0

NEIC 12:11:55:44.1, ±1.3, 61.429N, 0.009, 154.10W, 0.03, h7km, 8km, Error ellipse: s-maj=2.1km s-min=0.7km az=123.0

ISC 12:11:55:43.7, ±1.1, 61.444N, 0.02, 154.09W, 0.02, h10km, 12km, n174, c1911/164, Southern Alaska

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

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Main table with columns: Station Name, Code, Time, Res. Lists numerous seismic stations and their details for the month of November 2015.

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Table with columns: SML, WAT7, PWL, WAT1, WAT1, BPAW, BPAW, BPAW, RND, RND, KAKM, WAT6, WAT6, KAKU, SCM, SCM, SCM, MCK, MCK, MCK, GLI, GLI, GLI, BWN, DHY, DHY, GCSA, GCSA, M24K, I21K, I21K, I21K, NEA2, NEA2, MLY, MLY, MLY, KLU, KLU, H21K, H21K, H21K, I23K, I23K, I23K, MDM, MDM, MDM, HDA, HDA, HDA, COLA, N25K, N25K, IM03, IL31, H23K, H23K, J25K, J25K, DOT, H24K, H24K, H24K, SCRK, SCRK, SCRK, SCRK, CRQM, PRP, PRP, ANM, ANM, COLD, COLD, COLD, BAWY, BAWY, BMAR, TOLK, HYT, BUI, DJA, IDC, M24K, I21K, I21K, NEIC, ISC, Code, Station Name, Az, Phase ID, Time, Res. Lists various seismic stations and their details.

Table with columns: Station Name, Frequency, Mode, and Time. Includes stations like DBJI, TNG, CIBINONG, LEMBANG, etc.

Table with columns: Station Name, Frequency, Mode, and Time. Includes stations like BBOO, ODAN, RAMN, JIRN, etc.

Table with columns: Station Name, Frequency, Mode, and Time. Includes stations like TIXI, BR131, BRTR, GSPA, etc.

Table with columns: Code, Station Name, region, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFZR Afriz, IKRD Kardeh, IAKL Akhmedal, etc.

SSNC 12 12:54:51.1, 1.0, 0.19, 68N, 73.60W, h4km, mB5, MD3.2, ML2.7, MW2.7

OSPL 12 12:54:52.7, 0.5, 1.9, 87N, 73.57W, h24km, 8km, ML2.4, ISC 12 12:54:48.6, 1.8, 2.01, 82.73, 51W, 0.07, h85km, 16km, n12, c204/18, 1D, Haiti region

Table with columns: Code, Station Name, region, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MASC Masc, MOAC Moa, GTBY Guantamo Bay, etc.

BUI 12 12:58:30.6, 0.0, 16.22N, 147.82E, h24km, mB5, 0/22, mb4.4/34, Ms4.4/5, Ms7.3/9.5

NEIC 12 12:58:30.2, 1.1, 15.95N, 147.82E, h24km, mB5, 0/22, mb4.7/62, Error ellipse: s-maj=13.3km s-min=10.6km az=135.0

IDC 12 12:58:35.8, 2.9, 16.02N, 147.48E, h46km, 28km, mb4.0/20, mb1.4/122, mb1mx4.0/42, mbtmp4.3/22, ML4.4, MS3.6/12, Ms1.3/6.12, ms1mx3.3/3.3, Error ellipse: s-maj=23.5km s-min=12.1km az=94.0

ISC 12 12:58:33.0, 6.16, 04.00N, 006.147, 41E, 0.09, h38km, n121, c1501/111, mb4.7/67, MS3.7/13, 1D, Mariana Islands

Main table with columns: Code, Station Name, region, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, MJAR Matsushiro, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, region, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IMAR Indian Mountain, KURK Kurchatov, NRIK Norik, etc.

ISK 12 13:50:40.5, 38.30N, 42.58E, h9km, ML2.6/6, D12 13:50:41.3, 38.25N, 42.55E, h7km, 3km, ML2.2, ISC 12 13:50:41.0, 1.1, 38.28N, 0.04, 42.58E, 0.02, h10km, 9km, n13, c057/23, Turkey

Table with columns: Code, Station Name, region, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AKDM Akdamar-Van, BITLIS Bitlis-Merkez, GURO Guromyak-BITLIS, etc.

IDC 12 13:54:29.7,6.0,62.505x162.89E,h0km,mb4.0/4, mb1 4.2/5,mb1mx3.8/25,mbtmp4.1/5,ML4.3/1,MS4.0/6, Ms1 3.9/6,ms1mx3.5/26,Error ellipse: s-maj=291.6km s-min=22.8km az=73.0

ISC 12 13:54:28.6,5.1,62.335x165.5E,h10km,n31,e0959/9, mb4.0/4,MS3.9/6,Allen's Islands region

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

KRSC 12 13:54:52.2,0.5,51.40Nx158.91E,h60km,mb0km,ML5.4 BUI 12 13:54:54.2,0.0,52.08N,158.38E,h65km,mb4.7/12, mb4.6/20,Ms4.4/2,Ms7.4/0.2

MOS 12 13:54:54.7,1.1,51.49N,158.64E,h71km,mb4.9/49,Error ellipse: s-maj=7.8km s-min=2.9km az=85.6

MOS Fell (I-II) at Petropavlovsk-Kamchatskiy; (II) at Seva/Kuril'sk

NEIC 12 13:54:55.7,2.1,51.60N,158.5E,0.1,1,h65km,6km, mb4.7/78,Error ellipse: s-maj=12.5km s-min=11.4km az=123.0

IDC 12 13:54:57.7,1.5,51.64N,158.39E,h82km,13km,mb4.2/31, mb1 4.3/36,mb1mx4.2/61,mbtmp4.5/36,MS3.4/20, Ms1 3.4/20,ms1mx3.5/11,Error ellipse: s-maj=10.3km s-min=8.9km az=143.0

ISC 12 13:54:59.0,6.51,52N,0.04,158.64E,0.04,h74km,4km,n399,e139/425,mb4.7/128,24C-10D,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for Kamchatka Peninsula.

Table with columns: SKR, comp, Smax, Smax. Lists seismic events with station codes and magnitudes.

Table with columns: SKR, comp, Smax, Smax. Lists seismic events with station codes and magnitudes.

Table with columns: TIXI, Tiksi, comp, Smax, Smax. Lists seismic events with station codes and magnitudes.

Table with columns: ILAR, Eielson Array, 82.40, 11 P, P, 14 10 42.0 0.0. Includes stations like KARANG PUCUNG, SEMARANG, UJUNG WATU, etc.

Table with columns: WRA, Warramunga Arr, 28.13 122, P, P, 14 07 29.3 -1.8. Includes stations like ALICE SPRINGS, STEPHENS CREEK, etc.

Table with columns: ONAJ, Okura, 1.15 305, S, S, 14 25 41.4 -0.7. Includes stations like WAKE ISLAND, HEHUAN SHAN, etc.

ADC 12 14:25:05.75,9.37;17N:142.114E,h0km,mb3.5/2,mb1.3/6.3,mb1mx3.2/9,mbtmp3.3/3,ML2.3/1,MS3.9/1,Ms1.3.9/1,ms1mx2.4/39,Error ellipse: s-maj=119.0km s-min=35.9km az=15.0 JMA 12 14:25:10.7,0.1,3.7;73N:141.77E,h60km,1km,M3.7 ISC 12 14:25:10.1,1.5,3.7;71N:0.05:141.86E:0.10,h53km,14km,n2.7,0.82/36,1C-11D,Near east coast of eastern Honshu

12d 15h

Table with columns: EHY, Hungye, 0.60 183 eP, Pn, 14 29 48.8 +0.4, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

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Table with columns: VA06, Catapilco, 2.53 163 eP, Pn, 14 46 11.6 +0.2, etc. Lists stations in the Catapilco region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

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Table with columns: KSRS, Korea Array, 76.17 316 LR, LR, 15 32 47.6, etc. Lists stations in the Korea Array region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

DBJI	Dramaga	1.10	10	P	Pn	15 40 18.5 +0.2
DBJI				S	Sn	15 40 33.0 -0.1
LEM	Lembang	1.33	52	P	Pn	15 40 21.6 +0.3
CGJI	Cibinong	1.34	320	P	Pn	15 40 22.2 +0.9
SBJI	Serang	1.58	344	P	Pn	15 40 24.1 -0.3
CMJI	Cimerak	1.89	94	P	Pn	15 40 28.4 0.0
KASI	Kota Agung	2.94	316	P	Pn	15 40 43.0 +0.1
UGM	Wanagama	3.94	94	P	Pn	15 40 56.2 -0.2
PCJI	Pacitan	4.61	97	P	Pn	15 41 05.6 +0.1
MNAI	Manita	4.85	312	P	Pn	15 41 08.1 -0.8
GMJI	Gumukmas	6.85	96	P	Pn	15 41 36.0 -0.2

ROM 12 15:43:41.7-0.3, 42°15'N-0°02'16.80"E-0.02, h1km±1km, ML3.4/41, Error ellipse: s-maj=1.5km s-min=1.2km az=354.0

RHSSO 12 15:43:42.5-0.5, 42°01'N-16°66'E, h7km±2km, ML3.3/13 PDG 12 15:43:43.4-0.8, 41°99'N-16°74'E, h14km, 1km, ML3.2/13, Error ellipse: s-maj=1.3km s-min=1.3km az=90.0

PRU 12 15:43:44.0-0.0, 42°23'N-16°62'E, h0km BEO 12 15:43:46.2-0.7, 42°17'N-16°80'E, h0km, ML3.2/6 ISC 12 15:43:41.7-1.1, 42°12'N-02°16.99"E-0.02, h4km±10km, n135, r1544/178, 4C-5D, Adriatic Sea

Code	Station Name	Δ ^A AZ ^Z	Phase ID	ISC	Time h m s	Res ISC
MSAG	Monte S. Angel	0.71	235	Op P	15 43 56.8 +0.2	
MSAG				S	15 44 07.2 +0.4	
SGRT	San Giovanni R	0.79	243	Op P	15 43 58.2 +0.1	
SGRT				S	15 44 08.9 -0.3	
SGRT	comp=N,3770µm,0.6s			AML		
SGRT	comp=E,4780µm,0.7s			AML		
TREM	Isola Tremiti	0.88	271	P P	15 43 59.6 +0.1	
TREM				S	15 44 12.1 +0.6	
TREM	comp=E,3655µm,0.3s			AML		
TREM	comp=N,4770µm,0.5s			AML		
STON	Ston	1.06	44	ePg Pn	15 44 03.8 +0.5	
STON				eSg Sn	15 44 18.1 -0.4	
STON				ePg Pn	15 44 03.6 +0.3	
STON				eSg Sn	15 44 19.6 +1.1	
STON				ePg Pn	15 44 03.5 +0.1	
HVAR	Hvar	1.07	351	ePg Pn	15 44 02.9 -0.6	
HVAR				eSg Sn	15 44 15.9 -0.3	
MRVN	Minervino Murg	1.12	199	P S	15 44 03.8 -0.4	
MRVN				S	15 44 19.2 -0.8	
MRVN	comp=N,1135µm,0.2s			AML		
MRVN	comp=N,1135µm,0.2s			AML		
CAPA	Cerignola FG	1.16	215	P S	15 44 04.7 0.0	
CAPA				S	15 44 21.0 0.0	
CAPA	comp=N,2575µm,1.0s			AML		
CAPA	comp=E,1615µm,0.9s			AML		
MAKA	Makarska	1.19	12	ePg Pn	15 44 04.9 -0.2	
MAKA				eSg Sn	15 44 19.9 -0.7	
AMUR	Altamura	1.21	183	Op P	15 44 03.9 -1.0	
AMUR				S		
AMUR	comp=N,1325µm,0.2s			AML		
AMUR	comp=E,1910µm,0.5s			AML		
DBRK	Dubrovnik	1.21	63	ePg Pn	15 44 06.2 +0.7	
DBRK				eSg Sn	15 44 21.6 -0.7	
MELA	Melanico ??? S	1.24	251	Op P	15 44 04.5 -0.9	
MELA				S	15 44 22.9 +0.1	
PALZ	Palazzo San Ge	1.29	205	P S	15 44 07.5 +1.0	
PALZ				S	15 44 25.2 +0.9	
PALZ	comp=N,1770µm,1.1s			AML		
PALZ	comp=E,1415µm,1.1s			AML		
NOCI	Noci	1.36	168	P	15 44 06.4 -1.1	
NOCI	comp=E,1920µm,1.1s			AML		
NOCI	comp=N,2835µm,0.3s			AML		
MOCO	Biccari - m.te	1.37	237	Op P	15 44 03.9 -1.0	
MOCO				S		
MOCO	comp=N,532µm,0.5s			AML		
MOCO	comp=E,819µm,0.8s			AML		
MOCO	comp=N,544µm,0.5s			AML		
MOCO	comp=N,544µm,0.5s			AML		
TREB	Trebinje	1.37	64	ePg Pn	15 44 08.5 +0.6	
TREB				eSg Sn	15 44 25.9 -0.2	
TREB				Op P	15 44 08.9 +0.1	
TREB				eSg Sn	15 44 27.6 +1.5	
HCY	Herceg Novi	1.38	76	ePg Pn	15 44 08.3 +0.2	
HCY				eSg Sn	15 44 28.1 +1.7	
HGY	Herceg Novi	1.38	76	ePg Pn	15 44 08.3 +0.2	
SGTA	San'Agata di	1.40	226	Op P	15 44 09.4 +0.9	
SGTA				S		
SGTA	comp=E,2025µm,0.4s			AML		
SGTA	comp=N,1645µm,0.4s			AML		
SGTA	comp=E,2145µm,0.4s			AML		
SGTA	comp=N,2140µm,0.4s			AML		
SGTA	comp=N,1650µm,0.4s			AML		
SGTA	comp=N,1650µm,0.4s			AML		
CIGN	San'Elia a Pi	1.41	251	P	15 44 09.3 +0.6	
RICI	Riccione	1.41	13	ePn P	15 44 08.0 -0.6	
VULT	Monte Vulture	1.41	215	Op P	15 44 09.5 +0.7	
VULT				S		
VULT	comp=E,1530µm,0.2s			AML		
VULT	comp=N,2240µm,0.3s			AML		
VULT	comp=E,1535µm,0.2s			AML		
VULT	comp=E,1605µm,0.2s			AML		
VULT	comp=N,2330µm,0.3s			AML		
ACER	Acerenza	1.44	203	P	15 44 08.2 -0.4	
ACER	comp=N,1840µm,0.5s			AML		
ACER	comp=E,2280µm,0.3s			AML		
ACER	comp=N,1635µm,1.2s			AML		
ACER	comp=N,1785µm,1.2s			AML		
ACER	comp=E,2420µm,0.3s			AML		
GATE	Gambatesa	1.46	246	P	15 44 10.8 +1.1	
GATE	comp=E,1510µm,0.6s			AML		
GATE	comp=N,1375µm,0.6s			AML		
GATE	comp=E,507µm,0.3s			AML		
GATE	comp=N,1370µm,0.6s			AML		
GATE	comp=E,1515µm,0.6s			AML		
GATE	comp=E,508µm,0.3s			AML		
MATE	Matera	1.47	180	P	15 44 07.7 -1.2	
MATE	comp=N,1790µm,0.2s			AML		
MATE	comp=E,1875µm,0.5s			AML		
MIGL	Miglionico	1.52	187	P	15 44 08.6 -1.1	
MIGL	comp=N,3210µm,0.7s			AML		
MIGL	comp=N,3635µm,0.7s			AML		
MIGL	comp=E,3635µm,0.5s			AML		

Code	Station Name	Δ ^A AZ ^Z	Phase ID	ISC	Time h m s	Res ISC
CAFE	Carife	1.54	225	P	15 44 11.2 0.0	
CAFE	comp=E,1380µm,0.6s			AML		
CAFE	comp=N,664µm,0.6s			AML		
CAFE	comp=E,1440µm,0.6s			AML		
CAFE	comp=N,702µm,0.4s			AML		
BRY	Bratogost	1.58	60	ePn P	15 44 11.4 -0.5	
BRY				eSg Sn	15 44 32.9 +0.6	
BRY	Bratogost	1.58	60	ePn P	15 44 11.4 -0.5	
BRY				eSg Sn	15 44 35.4 +3.1	
SNAL	S. Angelo Dei	1.63	223	P	15 44 11.4 +0.2	
SNAL	comp=N,833µm,0.6s			AML		
SNAL	comp=E,756µm,0.4s			AML		
SNAL	comp=E,740µm,0.4s			AML		
SNAL	comp=N,888µm,0.6s			AML		
SNAL	comp=E,756µm,0.4s			AML		
SNAL	comp=N,832µm,0.6s			AML		
MRLC	Muro Lucano	1.63	214	P	15 44 13.6 +0.6	
MRLC	comp=N,732µm,0.5s			AML		
MRLC	comp=E,698µm,1.3s			AML		
MRLC	comp=N,732µm,0.5s			AML		
MRLC	comp=E,740µm,1.3s			AML		
MRLC	comp=N,748µm,0.5s			AML		
TRIV	S. Croce Del S	1.63	258	P	15 44 12.3 -0.1	
SACR	Busso	1.65	245	P	15 44 12.0 -0.7	
BSSO		1.67	251	AML		
BSSO	comp=N,183µm,0.6s			AML		
BSSO	comp=E,485µm,0.6s			AML		
BSSO	comp=N,443µm,0.6s			AML		
BSSO	comp=N,200µm,0.6s			AML		
PSBI	Pescosannita	1.67	238	P	15 44 12.5 -0.5	
CEME	Cevo	1.71	75	ePn P	15 44 13.5 -0.2	
CEME				eSg Sn	15 44 37.5 +1.0	
ZIRJ	Zirje	1.72	334	i Pn	15 44 11.7 -0.6	
ZIRJ				S	15 44 32.9 -1.8	
MCRV	Catabrutti - M	1.76	221	P	15 44 15.1 -0.3	
MCRV	comp=E,724µm,0.2s			AML		
MCRV	comp=N,878µm,0.5s			AML		
MESG	Mesagne	1.76	150	P	15 44 12.3 -0.6	
NKME	Niksic	1.80	68	ePn P	15 44 14.0 -0.3	
NKME				eSg Sn	15 44 40.3 +0.9	
VITU	Vitulano (BN)	1.80	239	P	15 44 14.3 -1.0	
VITU	comp=N,704µm,0.3s			AML		
VITU	comp=N,704µm,0.3s			AML		
VITU	comp=N,704µm,0.3s			AML		
NKY	Niksic	1.84	67	ePn P	15 44 17.2 +0.2	
NKY				eSg Sn	15 44 41.4 +0.6	
DRME	Dracevica, Mon	1.86	87	ePn P	15 44 15.1 -1.1	
DRME				Sb	15 44 38.8 -1.0	
DRME	Dracevica, Mon	1.86	87	ePn P	15 44 15.7 -0.5	
DRME				eSg Sn	15 44 40.4 -0.9	
AG11	Viggiano (PZ)	1.87	198	P	15 44 13.9 -0.6	
AG11	comp=E,608µm,0.6s			AML		
AG11	comp=N,604µm,0.7s			AML		
MORI	Morici	1.89	338	ePn P	15 44 14.4 -0.3	
MORI				S	15 44 36.5 -2.5	
KJUV	Kijevo	1.90	354	ePn P	15 44 15.5 -1.4	
ULJC	Ulcinj	1.91	94	i Pn	15 44 15.9 -1.2	
ULJC				Sb	15 44 41.5 -0.6	
MCEL	Monticello	1.91	201	P	15 44 14.3 -0.8	
MCEL	comp=N,454µm,0.6s			AML		
MCEL	comp=N,558µm,0.3s			AML		
MCEL	comp=N,574µm,0.4s			AML		
MCEL	comp=E,476µm,0.6s			AML		
PDG	Podgorica	1.93	80	ePg Pn	15 44 20.0 +1.3	
PDG				eSg Sn	15 44 44.4 +0.7	
PDG	Podgorica	1.93	80	ePn P	15 44 16.9 -0.8	
PDG				Sb	15 44 41.0 -0.8	
TTG	Podgorica	1.93	80	i Pn	15 44 17.3 -0.1	
TTG				S	15 44 43.1 -0.6	
CDRU	Civita di Ruta	1.93	213	ePn P	15 44 15.3 -0.1	
CDRU	comp=N,360µm,1.4s			AML		
CDRU	comp=N,1					

12d 16h

DZM	Mont Dzumac	2.76 344	P	Pn	15 53 31.4	-0.7
DVP	Devils Point	2.77 237	P	Pn	15 53 32.4	+0.3
NOUC	Port Laguerre	2.89 235	P	Pn	15 53 33.7	0.0
ONTNC	Ouen Toro	2.90 230	P	Pn	15 53 33.8	0.0
KOUNC	Koumac, New Ca	4.27 286	P	Pn	15 53 53.8	+1.1

12d 15:56:58.3±1.4, 35°59'N; 141°11'E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.4/36, mbtmp3.2/4, ML2.4/1, Error ellipse: s-maj=32.7km s-min=28.1km az=51.0
JMA 12 15:57:03.6±0.1, 35°59'N; 140°30'E, h42km, 1km, M3.1
JMA Felt J1

ISC 12 15:57:02.6±0.2, 0.3539N; 0°05'141.01E; 0°09, h28km±14km, n19, r193/18, mb3.4/3, Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CHOJ	Choshi	2.65 209	P	Op	15 57 10.8	+0.3
CHOJ				S	15 57 15.9	+0.5
JHU	Itakohorinouch	0.39 276	P	S	15 57 12.5	+0.2
JHU				eS	15 57 19.2	+0.3
JHYU	Hitachinakayam	0.54 321	P	Pn	15 57 14.8	+0.5
JHYU				eS	15 57 22.8	+0.4
JYMT	Sammumatsuo	0.54 238	P	Pb	15 57 14.3	+0.8
JST	Yasato	0.72 295	P	Pb	15 57 16.3	-0.4
JHO	Hitachi	0.77 330	P	Pb	15 57 18.0	+0.4
ESQ3	Soso 3	1.20 200	P	Pn	15 57 23.0	+0.5
JAG	Ashikaga	1.35 292	P	Pn	15 57 25.1	-0.5
MJAR	Matsushiro Arr	2.34 286	Pn	Pn	15 57 39.8	+0.6
MJAR	0.5nm, 0.3s, baz=122, slow=12, SNR=27			S	15 58 11.6	-1.1
MAT	Matsushiro	2.35 286	P	Pn	15 57 39.7	+0.4
MAT				eS	15 58 09.1	+1.9
H11N2	WAKE ISLAND Hy	27.89 118	T	T	16 32 01.9	
H11N1	WAKE ISLAND Hy	27.89 118	T	T	16 32 03.4	
H11N3	WAKE ISLAND Hy	27.90 118	T	T	16 32 02.1	
H11S1	WAKE ISLAND Hy	28.55 121	T	T	16 32 57.1	
H11S3	WAKE ISLAND Hy	28.55 121	T	T	16 32 47.5	
H11S2	WAKE ISLAND Hy	28.57 121	T	T	16 32 56.4	
ILAR	Eielson Array	50.60 32	P	P	16 05 59.6	+1.1
WRA	Warramunga Arr	55.92 188	P	P	16 06 35.8	-2.3
ASAR	Alice Springs	59.65 188	P	P	16 07 03.2	-1.0

NEIC 12 16:01:13.7, 29.41S; 72.03W, h17km, Moment Tensor Solution. Moment tensor: Scale 10¹⁴Nm; Mrr: 7.14; Mss-0.69; Mss-6.45; Mss-2.53; Mss-2.11; Mss-1.10; Fault plane solution: M7.60000-1.014 NP1:355.67000-0.539 51000°, λ112 61000°. NP2:147.31000°, 854.04000°, λ72 41000°. Principal axes: T 7.9022, Plg74.0000°, Azm7.0000°; N -0.5193, Plg14.0000°, Azm158.0000°; P -7.3828, Plg7.0000°, Azm250.0000°

ISC 12 16:01:13.3±1.7, 29.80S; 71.95W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.8/19, mbtmp3.9/3, MS3.7/1, M3.1 3.7/1, ms1mx2.9/16 Error ellipse: s-maj=80.6km s-min=45.9km az=16.0

NEIC 12 16:01:14.2±2.7, 29.47S; 0.04°71.99W; 0.16, h2km±4km, mb4-4/5, Mw3.9/16, ML3.9(GUC), Error ellipse: s-maj=4.0km s-min=3.9km az=59.0

GUC 12 16:01:17.1±0.7, 29.46S; 71.82W, h24km, 13km, ML3.9

ISC 12 16:01:15.7±0.7, 29.47S; 0.05°71.96W; 0.02, h25km, n65, r187/66, mb4.2/4, D, Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CO05	La Serena	0.77 126	P	Op	16 01 30.0	-0.5
CO05				eS	16 01 39.4	-1.2
CO05	comp=N, 10um, 0.5s			IAML	16 01 42.0	
CO05	La Serena	0.77 126	P	Pb	16 01 30.1	-0.5
CO05				Sg	16 01 39.5	-1.2
LCO	Las Campanas	1.19 68	P	Op	16 01 36.9	-0.1
LCO				eS	16 01 37.7	-0.8
GO04	Las Campanas	1.19 68	Pn	Pn	16 01 37.0	-0.1
GO04	Tololo Observa	1.23 125	eP	Pb	16 01 37.7	-0.7
GO04				eS	16 01 52.9	-0.7
GO04	Tololo Observa	1.23 125	Pn	Pb	16 01 37.7	-0.7
CO06	Fray Jorge	1.24 167	Pn	Pn	16 01 37.4	-0.1
CO06				eS	16 01 51.7	-1.6
CO06				IAML	16 02 01.0	
CO06	comp=E, 3um, 0.4s			IAML	16 02 01.0	
AC04	Fray Jorge	1.24 167	Pn	Pn	16 01 37.4	-0.1
AC04	Llanos de Chal	1.48 32	P	Pn	16 01 40.9	+0.1
AC04				IAML	16 01 54.3	+0.8
GO03	Copiap	2.40 40	eP	Pn	16 02 04.0	
GO03	comp=N, 904nm, 0.4s			IAML	16 02 04.0	
GO03	Copiap	2.40 40	Pn	Pn	16 01 54.4	+0.8
VA06	Catapilico	3.14 170	IAML		16 03 03.2	
VA03	San Esteban	3.50 160	eP	Pn	16 02 11.2	+2.5
VA03	San Esteban	3.50 160	Pn	Pn	16 02 09.0	+0.3
ZON	Zonda	3.51 127	Pn	Pn	16 02 08.7	0.0
ROCH	El Roble	3.59 167	eP	Pn	16 02 10.5	+0.6
AC02	Marihuaga	3.62 44	Pn	Pn	16 02 12.5	+1.8
PEL	Peidehua	3.83 164	eP	Pn	16 02 15.2	+2.1
PEL	Peidehua	3.83 164	Pn	Pn	16 02 12.7	+0.8
MT02	Curacav	3.85 170	Pn	Pn	16 02 14.2	+0.8
MT05	Renca	4.05 165	Pn	Pn	16 02 16.6	+0.4
MT09	Talagante	4.38 169	eP	Pn	16 02 21.8	+1.1
MT09	Talagante	4.38 169	Pn	Pn	16 02 21.6	+0.8
MT01	Popeta	4.43 172	eP	Pn	16 02 21.9	+0.6
MT01				eS	16 02 10.2	+1.8
MT01	Popeta	4.43 172	Pn	Pn	16 02 21.1	-0.2
LMEL	Las Melosas	4.62 162	eP	Pn	16 02 26.7	+2.6
BO01	Tunca	4.97 172	Pn	Pn	16 02 29.6	+0.9
PB14	IPOC Station P	5.02 16	eP	Pn	16 02 28.0	-1.7
PB14	IPOC Station P	5.02 16	Pn	Pn	16 03 08.3	-2.1
BO02	Sierra Bellavi	5.40 170	Pn	Pn	16 02 36.0	+1.2
GO05	Huala	5.53 180	Pn	Pn	16 02 35.4	-1.0
PB10	IPOC Station P	6.06 12	Pn	Pn	16 02 41.6	-2.2
ML02	Panamivida	6.03 176	Pn	Pn	16 02 44.0	-3.0
PB12	IPOC Station P	6.62 20	Pn	Pn	16 02 50.9	-0.8
PB06	IPOC Station P	7.02 18	Pn	Pn	16 02 54.3	-3.2
H03N1	Juan Fernandez	7.14 235	T	T	16 10 43.2	
H03N1	baz=63, slow=71, SNR=880					
H03N2	Juan Fernandez	7.15 235	T	T	16 10 44.2	
H03N2	baz=63, slow=71, SNR=878					
H03N3	Juan Fernandez	7.16 235	T	T	16 10 43.4	
H03N3	baz=63, slow=71, SNR=744					
PB04	IPOC Station P	7.29 13	Pn	Pn	16 02 56.6	-4.2
LVC	Limon Verde	7.36 23	Pn	Pn	16 02 59.0	-2.9
PB07	IPOC Station P	7.93 14	Pn	Pn	16 03 07.0	-2.7
PB09	IPOC Station P	8.02 18	Pn	Pn	16 03 08.2	-2.1
PB01	IPOC Station P	8.68 15	Pn	Pn	16 03 15.9	-3.9
PB08	IPOC Station P	9.63 16	Pn	Pn	16 03 31.0	-2.1
PB11	IPOC Station P	9.89 13	Pn	Pn	16 03 32.9	-3.5
PSGC	Pisagua	9.97 10	Pn	Pn	16 03 33.4	-4.1
PB12	IPOC Station P	10.00 8	Pn	Pn	16 03 34.5	-2.8
LPAZ	La Paz	13.58 16	Pn	Pn	16 04 24.6	-2.8
ETMB	Extrema	20.27 17	Pn	Pn	16 05 48.3	-1.3
SAML	Samuel	22.01 24	Pn	Pn	16 06 05.8	-2.4
ROSC	El Rosal	34.18 356	LR	LR	16 21 03.9	
VA02	Neumayer Olym	53.54 159	P	P	16 10 35.8	+1.9
VA03	Neumayer-Watz	54.17 235	P	P	16 10 40.3	+1.7
VA03	baz=293, slow=8.5					
SNA4	Sanae	55.77 159	P	P	16 10 51.8	+1.7
SNA4	Sanae	55.77 159	P	P	16 10 50.5	+0.4
SNA4	comp=Z, 8.2nm, 1.4s			IAMB	16 10 52.6	
QSPA	South Pole Qui	60.78 180	P	P	16 11 25.1	-0.1
TXAR	Lajitas Arroy	65.84 330	P	P	16 12 02.4	+3.2
DBIC	Dimbokro	73.71 72	P	P	16 12 50.0	+2.1
TORD	Tordi Ar. Bea	82.62 70	P	P	16 13 39.2	+2.0

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TORD	Tordi Ar. Bea	82.62 70	P	P	16 13 35.6	-1.6
TORD				IAMB	16 13 40.3	
WRA	Warramunga Arr	124.72 120	PKP	PKIKP	16 20 14.7	+0.5
ZALV	Zalesovo Beam	150.28 28	PKPbc	PKIKP	16 21 06.9	+1.9
ZALV	comp=Z, 0.2nm, 0.6s, baz=154, slow=2.0, SNR=17					
ZALV	Zalesovo Beam	150.28 28	PKPbc	PKIKP	16 21 06.7	+1.7
IKMAR	Itakanchi Array	153.54 42	PKPbc	PKIKP	16 21 13.3	+1.7
IKMAR	comp=Z, 0.4nm, 0.7s, baz=338, slow=2.6, SNR=3.6					

TUL 12 16:11:55.6±1.6, 36°95'N; 0°00'49.7°E; 0.02, h4km, 5km, ML2.7, mb_Lg2.4/8(NEIC), Error ellipse: s-maj=1.7km s-min=0.5km az=90.0

NEIC 12 16:11:55.8±1.1, 36.94N; 0°01'97.83W; 0°01, h9km, 3km, Error ellipse: s-maj=1.6km s-min=1.4km az=167.0, Oklahoma

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
GC02	Grant County #	0.09 193	Op	Op	16 11 58.0	-0.2
GC02				Pg	16 11 58.0	-0.2
KAN14	Manchester OK	0.10 279	Sg	Sg	16 11 59.4	-0.5
KAN14				Sg	16 11 58.0	-0.4
KAN17	Caldwell West	0.12 28	Pg	Pg	16 11 58.6	0.0
KAN17				Sg	16 12 00.4	-0.2
KAN05	Bluff City Nor	0.17 350	Sg	Sg	16 11 59.0	0.0
KAN05				Sg	16 12 01.8	-0.2
KAN01	Argonia South	0.22 16	Pg	Pg	16 12 01.9	+0.1
KAN01				Pg	16 12 03.6	+0.1
KAN09	Caldwell North	0.26 41	Pg	Pg	16 12 01.3	+0.2
KAN09				Sg	16 12 05.0	+0.3
KAN10	Anthony SW Sta	0.28 311	Pg	Pg	16 12 01.4	-0.1
KAN10				Sg	16 12 05.0	0.0
KAN13	South Haven SW	0.29 76	Pg	Pg	16 12 01.9	+0.2
KAN13				Sg	16 12 06.0	+0.4
KAN08	Anthony NE Sta	0.31 339	Pg	Pg	16 12 01.7	-0.3
KAN08				Sg	16 12 06.2	+0.1
KAN06	Argonia West S	0.31 356	Pg	Pg	16 12 02.1	+0.1
KAN06				Sg	16 12 06.0	+0.4
OK032	Salt Plains WL	0.33 246	Pg	Pg	16 12 02.3	-0.1
OK032				Sg	16 12 06.8	0.0
KAN16	Harper SW Stat	0.34 327	Pg	Pg	16 12 02.5	0.0
KAN16				Sg	16 12 07.3	+0.2
KS20	Mayfield South	0.37 38	Pg	Pg	16 12 03.2	+0.2
KS20				Sg	16 12 07.9	+0.1
KAN12	Harper NE Stat	0.38 340	Sg	Sg	16 12 03.0	-0.3
CROK	Carrier	0.45 195	Pg	Pg	16 12 04.7	+0.1
CROK				Sg	16 12 11.1	+0.6
BLOK	Blackwell	0.53 110	Pg	Pg	16 12 06.3	+0.2
BLOK				Sg	16 12 10.9	+0.1
T35A	Sooner Cattle	1.06 91	Pg	Pg	16 12 15.9	-0.3
T35A				Sg	16 12 30.1	+0.1
U32A	Winter Ranch,	1.09 240	Pg	Pg	16 12 16.1	-0.7
OK029	Liberty Lake	1.18 165	Pg	Pg	16 12 18.0	-0.4
QUOK	Quay	1.19 130	Pb	Pb	16 12 18.3	-0.2
QUOK				Sg	16 12 33.9	+0.2
OK031	S. Brethren Rd	1.27 141	Sg	Sg	16 12 19.7	0.0
OK031				Sg	16 12 36.5	-0.2
BCOK	Bluff Creek N	1.29 172	Pn	Pn	16 12 19.9	-0.1
BCOK				Sb	16 12 36.6	-0.4
OK030	Cody Creek RV	1.32 140	Sg	Sg	16 12 19.1	-0.3
OK030				Sn	16 12 38.0	-0.1
OKCSW	OKLAHOMA CITY	1.56 168	Pn	Pn	16 12 24.3	+0.6
OKCSW				Sb	16 12 45.4	+0.6
R32A	Long Quarter,	1.64 335	Sn	Sb	16 12 25.8	-0.4
R32A				Sn	16 12 46.5	-0.4
FNO	Franklin	1.72 168	Pn	Pn	16 12 36.1	+0.3
TUL1	Leonard	1.94 121	Pn	Pn	16 12 30.1	+1.2
TUL1						

JHU Hachioji jima 2 34.88 22 LR LR 16 38 57.6
MKAR Makanchi Array 58.63 327 P P 16 28 06.5 -0.1

IDC 12 16:19:47.8:42.0,1471S:166.04E,h0km,mb3.6/4,
mb1 3.8/4,mb1mx3.6/35,mbtmp3.6/4, Error ellipse:
s-maj=72.0km s-min=102.3km az=68.0,Vanuatu
Islands

Code Station Name Δ° AZ° Phase ID Time Res
STKA Stephens Creek 28.10 228 Op P 16 25 41.4 -0.1
WRA Warramunga Arr 30.67 256 P P 16 26 04.1 -0.3

INET 12 16:26:07.8, 12.94N:86.59W,h15km,MW3.5
SNET 12 16:26:12.5, 1.0, 12.93N:86.70W,h0km,22km,ML2.9,1C,
Nicaragua

Code Station Name Δ° AZ° Phase ID Time Res
CNCH Conchagua 1.16 288 eP P 16 26 34.4 -0.4
LCND La Caada 1.22 288 iP P 16 26 35.3 -0.6

MAN 12 16:28:21.4, 4.90N:126.28E,h105km,mb4.6,ML3.4,
MS3.3

IDC 12 16:28:27.9, 1.3, 5.62N:126.78E,h117km,13km,mb3.1/8,
mb1 3.3/9,mb1mx3.2/36,mbtmp3.9/9,MS2.8/1,Ms1 2.8/1,
ms1mx2.2/16, Error ellipse: s-maj=37.8km s-min=10.5km
az=64.0

DJA 12 16:28:29.1, 0.9, 5.6N:126.78E,h131km,13km,ML4.0/10,
mb4.2/6,mb4.5/5,MLV4.2/10,MW(m)3.7/5

ISC 12 16:28:27.2, 0.7, 5.34N:126.80E,h100km,n20,
c202/23,mb3.5/8,3C-1D,Milandano

Code Station Name Δ° AZ° Phase ID Time Res
GSPH General Santos 1.55 299 iP P 16 28 52.4 -1.8
SGSI Sangihe 1.82 206 P P 16 28 59.1 +1.6

MANSI Marisa 6.51 222 P P 16 30 02.3 +1.8

Sanana 7.34 183 P P 16 30 10.2 -1.6

SUJI Sorong 7.90 141 P P 16 30 19.4 0.0

BATI Baunata 6.44 237 P P 16 31 45.7 -1.6

FITZ Fitzroy Crossi 23.30 182 P P 16 33 27.6 +1.2

ASAR Alice Springs 29.76 166 P P 16 34 26.2 +1.7

KSRS Korea Array 32.00 2 P P 16 34 38.6 -5.3

SOMM Songoing Array 45.65 341 P P 16 36 37.7 -0.1

MKAR Makanchi Array 56.01 325 P P 16 37 54.1 -1.4

ZALV Zalesovo Beam 58.93 333 P P 16 38 12.9 -3.2

ILAR Eielson Array 83.84 25 P P 16 40 43.7 -1.7

IDC 12 16:35:22.1, 0.8, 29.68N:138.84E,h454km,17km,mb2.6/4,
mb1 2.9/10,mb1mx2.7/47,mbtmp3.8/10, Error ellipse:
s-maj=27.3km s-min=13.7km az=70.0

JMA 12 16:35:24.2, 0.2, 29.88N:139.13E,h450km,M3.4
ISC 12 16:35:22.1, 0.8, 29.78N:138.98E,0.1, h450km,n20,
c182/24,mb2.8/3,Southeast of Honshu

Code Station Name Δ° AZ° Phase ID Time Res
CBJU Chichi jima 3.96 132 Op P 16 37 37.0 -0.8
JCJ Chichijima 3.96 132 P P 16 36 38.0 +1.0

MAT Matsushiro 6.76 355 P P 16 37 05.2 +0.9

JHO Hitachi 6.96 11 P P 16 37 07.9 +1.6

KSRS Korea Array 11.90 313 P P 16 37 37.3 +0.2

ASAJ Asahikawa 14.61 11 P P 16 38 31.4 +2.5

USRK Ussuriysk Ar 15.40 341 P P 16 38 38.5 +1.2

KLR Kul'dur 20.17 346 P P 16 39 25.4 +0.6

CMAR Chiang Mai Arr 37.96 262 P P 16 41 59.3 -1.0

ASAR Alice Springs 32.98 243 P P 17 00 52.2 +0.1
ILAR Eielson Array 83.39 18 P P 17 06 39.1 0.0

IDC 12 17:16:54.4, 1.8, 30.41S:71.62W,h0km,mb4.0/1,
mb1 4.0/1,mb1mx3.5/21,mbtmp4.0/1, Error ellipse:
s-maj=13.6km s-min=75.9km az=141.0

GUC 12 17:16:56.7, 0.7, 29.67S:72.02W,h24km,14km,ML3.7
ISC 12 17:16:57.2, 1.1, 29.64S:0.04:71.96W,0.09,h25km,n25,
c1906/23,Near coast of central Chile

Code Station Name Δ° AZ° Phase ID Time Res
CO05 La Serena 0.69 114 iP P 17 17 10.3 -1.1
CO06 comp=E_dum,0.3s 1.07 165 eP P 17 17 15.6 -1.1

Code Station Name Δ° AZ° Phase ID Time Res
GO04 Tololo Observa 1.14 118 eP P 17 17 17.8 -0.6
LCO Las Campanas 1.27 61 eP P 17 17 19.5 -1.1

Code Station Name Δ° AZ° Phase ID Time Res
WRA Warramunga Arr 124.57 210 PKP P 17 35 55.5 +0.4
H1S1 WAKE ISLAND Hy25.79 272 T T 19 54 50.0

Code Station Name Δ° AZ° Phase ID Time Res
SIJI Sorong 6.18 20 Op P 17 23 40.4 +1.1
BATI Baunata 6.44 237 P P 17 23 44.5 +1.9

Code Station Name Δ° AZ° Phase ID Time Res
WRA Warramunga Arr 14.08 160 P P 17 25 23.7 +1.3
WRA 0.2m,0.3s,baz=345,slow=12,SNR=1.8 S S 17 27 55.0 -2.5

BUI 12 17:28:34.3, 0.0, 51.62N:175.44W,h12km,mb5.0/47,
mb4.9/66,MS4.7/48,MS7.4/50
AEIC 12 17:28:39.1, 9.5137N:0.06:175.00W,0.06,h16km,2km,
Error ellipse: s-maj=9.0km s-min=5.3km az=175.0

MOS 12 17:28:37.0, 1.0, 51.47N:175.04W,h38km,mb4.9/29,
MS4.3/10, Error ellipse: s-maj=5.8km s-min=4.8km
az=96.4

IDC 12 17:28:38.4, 2.2, 51.50N:175.07W,h33km,15km,mb4.4/34,
mb1 4.5/36,mb1mx4.4/45,mbtmp4.5/36,ML4.1/2,MS4.4/56,
MS1.4/4/56,ms1mx4.3/70, Error ellipse: s-maj=14.9km
s-min=9.5km az=167.0

Code Station Name Δ° AZ° Phase ID Time Res
GSIG Igkitin Island 0.83 319 Op P 17 28 52.9 -0.2
GSMY Great Sitkin I 0.93 319 P P 17 28 54.5 0.0

NIKH Nikolski High 4.13 65 P Pn 17 29 39.3 +1.0
NIKH Nikolski High 4.13 65 Pn 17 29 39.5 +1.1
NIKH Okmok Steeple 4.55 63 Pn 17 29 29.9 +4.3

Code Station Name Δ° AZ° Phase ID Time Res
CO05 La Serena 0.69 114 iP P 17 17 10.3 -1.1
CO06 comp=E_dum,0.3s 1.07 165 eP P 17 17 15.6 -1.1

Code Station Name Δ° AZ° Phase ID Time Res
GO04 Tololo Observa 1.14 118 eP P 17 17 17.8 -0.6
LCO Las Campanas 1.27 61 eP P 17 17 19.5 -1.1

Code Station Name Δ° AZ° Phase ID Time Res
WRA Warramunga Arr 124.57 210 PKP P 17 35 55.5 +0.4
H1S1 WAKE ISLAND Hy25.79 272 T T 19 54 50.0

Code Station Name Δ° AZ° Phase ID Time Res
SIJI Sorong 6.18 20 Op P 17 23 40.4 +1.1
BATI Baunata 6.44 237 P P 17 23 44.5 +1.9

Code Station Name Δ° AZ° Phase ID Time Res
WRA Warramunga Arr 14.08 160 P P 17 25 23.7 +1.3
WRA 0.2m,0.3s,baz=345,slow=12,SNR=1.8 S S 17 27 55.0 -2.5

BUI 12 17:28:34.3, 0.0, 51.62N:175.44W,h12km,mb5.0/47,
mb4.9/66,MS4.7/48,MS7.4/50
AEIC 12 17:28:39.1, 9.5137N:0.06:175.00W,0.06,h16km,2km,
Error ellipse: s-maj=9.0km s-min=5.3km az=175.0

MOS 12 17:28:37.0, 1.0, 51.47N:175.04W,h38km,mb4.9/29,
MS4.3/10, Error ellipse: s-maj=5.8km s-min=4.8km
az=96.4

IDC 12 17:28:38.4, 2.2, 51.50N:175.07W,h33km,15km,mb4.4/34,
mb1 4.5/36,mb1mx4.4/45,mbtmp4.5/36,ML4.1/2,MS4.4/56,
MS1.4/4/56,ms1mx4.3/70, Error ellipse: s-maj=14.9km
s-min=9.5km az=167.0

Code Station Name Δ° AZ° Phase ID Time Res
GSIG Igkitin Island 0.83 319 Op P 17 28 52.9 -0.2
GSMY Great Sitkin I 0.93 319 P P 17 28 54.5 0.0

NIKH Nikolski High 4.13 65 P Pn 17 29 39.3 +1.0
NIKH Nikolski High 4.13 65 Pn 17 29 39.5 +1.1

Code Station Name Δ° AZ° Phase ID Time Res
CO05 La Serena 0.69 114 iP P 17 17 10.3 -1.1
CO06 comp=E_dum,0.3s 1.07 165 eP P 17 17 15.6 -1.1

Code Station Name Δ° AZ° Phase ID Time Res
GO04 Tololo Observa 1.14 118 eP P 17 17 17.8 -0.6
LCO Las Campanas 1.27 61 eP P 17 17 19.5 -1.1

Code Station Name Δ° AZ° Phase ID Time Res
WRA Warramunga Arr 124.57 210 PKP P 17 35 55.5 +0.4
H1S1 WAKE ISLAND Hy25.79 272 T T 19 54 50.0

Code Station Name Δ° AZ° Phase ID Time Res
SIJI Sorong 6.18 20 Op P 17 23 40.4 +1.1
BATI Baunata 6.44 237 P P 17 23 44.5 +1.9

Code Station Name Δ° AZ° Phase ID Time Res
WRA Warramunga Arr 14.08 160 P P 17 25 23.7 +1.3
WRA 0.2m,0.3s,baz=345,slow=12,SNR=1.8 S S 17 27 55.0 -2.5

BUI 12 17:28:34.3, 0.0, 51.62N:175.44W,h12km,mb5.0/47,
mb4.9/66,MS4.7/48,MS7.4/50
AEIC 12 17:28:39.1, 9.5137N:0.06:175.00W,0.06,h16km,2km,
Error ellipse: s-maj=9.0km s-min=5.3km az=175.0

MOS 12 17:28:37.0, 1.0, 51.47N:175.04W,h38km,mb4.9/29,
MS4.3/10, Error ellipse: s-maj=5.8km s-min=4.8km
az=96.4

IDC 12 17:28:38.4, 2.2, 51.50N:175.07W,h33km,15km,mb4.4/34,
mb1 4.5/36,mb1mx4.4/45,mbtmp4.5/36,ML4.1/2,MS4.4/56,
MS1.4/4/56,ms1mx4.3/70, Error ellipse: s-maj=14.9km
s-min=9.5km az=167.0

Code Station Name Δ° AZ° Phase ID Time Res
GSIG Igkitin Island 0.83 319 Op P 17 28 52.9 -0.2
GSMY Great Sitkin I 0.93 319 P P 17 28 54.5 0.0

Code Station Name Δ° AZ° Phase ID Time Res
WRA Warramunga Arr 14.08 160 P P 17 25 23.7 +1.3
WRA 0.2m,0.3s,baz=345,slow=12,SNR=1.8 S S 17 27 55.0 -2.5

12d 17h

2015 NOV

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like Tanana, Susitna Watana, Hinchinbrook I, etc.

785

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like WI Miller and Socs Landing, ALLEIGHY Colie, PECCO Prince Edward, etc.

2015 NOV

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like KSPA Keystone Colie, N58A Sunbury, R55A Marlinton, etc.

12d 17h

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like NHSC New Hope, NB2 NORSAR Subarra, NORSAR Arr B, etc.

12d 18h

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like ASAR Alice Springs, STKA Stephens Creek, CMAR Chiang Mai, etc.

NEIC 12 18:28:44.8,2.0,20.6S;0.1x178.0W;0.1, h495km, gkm, mb4.6/64, Error ellipse: s-maj=17.3km s-min=14.9km bz=152.0

BGR 12 18:28:45.8,0.0,20.72S;178.41W, h500km, IDC 12 18:28:45.7,2.0,20.82S;178.05W, h509km, 6km, mb3.8/19, mb 1.3/9.21, mb 1mx3.7/4.3, mbtmp4.6/21, Error ellipse: s-maj=28.0km s-min=13.9km az=140.0

NOU 12 18:28:45.6,2.0,40.5S;177.94W, h529km, mb4.6/22, Fiji Islands Region

ISC 12 18:28:44.2,0.4,20.78S;0.008;177.99W;0.07, h495km, z279, s1908/309, mb5.56,52,52, Fiji Islands region

Main table of station data with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like TAVE Taveuni, MSVF Nonsavu, MSVF Nonsavu, etc.

2015 NOV

Main table of station data with columns: TPUB, Station Name, Az, El, P, Pn, Time, Res. Includes stations like Ta-pu Unalaska Valle, AKUT Akutan, YSS Yuzh-Sakhalins, etc.

788

Main table of station data with columns: OJC, Station Name, Az, El, P, Pn, Time, Res. Includes stations like OJC Mojow, IZVR Izvoare, CFR Caraculi, etc.

12d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H03N2, H03N3, H03S1, H03S2, PLCA, CPUP, DBIC, TORD, H11S2, H11S1, H11S3, ZALV.

IDC 12 21:22:50.0i2.7,36.57N;141.38E,h0km,mb3.6/3,mb1.3/7.4,mb1mx3.3/33,mbmp3.5/4,ML2.5/1,MS3.6/1,Ms1.3/6.1,ms1mx2.4/46,Error ellipse: s-maj=6.7,7km s-min=32.4km az=58.0

JMA 12 21:22:58.1i0.1,36.53N;140.89E,h49km;16km,M3.6 Broadband fault plane solution: P waves. NP1: 0.173,0.0000°, 0.3,0.0000°, 1.64,0.0000°. NP2: 0.19,0.0000°, 0.87,0.0000°, 1.91,0.0000°. Principal axes: T P1g48.0000°, Azm291.0000°, Azm108.0000°, Azm198.0000°; P P1g42.0000°, Azm108.0000°

JMA Felt 1 J1 ISC 12 21:22:57.3i1.4,36.50N;0.06;141.02E;0.09,h44km,gkm,n22,c0.064/26,mb3.6/3,d,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHO, JHYU, ONAJ, JYK, JFT, JAG, JMM, JFY, JKT, MJAR, MAT, SONM, H11N2, H11N1, H11N3, H11S1, H11S3, ZALV, LEM, WRA.

JMA 12 21:36:01.6i0.1,23.74N;121.60E,h25km;2km,ML2.7 TAP 12 21:36:02.6i2.3,77N;121.57E,h24km,ML3.0,MS3.6/1,ms1mx2.4/46,Error ellipse: s-maj=6.7,7km s-min=32.4km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEGC, TEGL, TEYL, TEYL, ESL, EGFH, EGFH, HWA, ETM, HGSD, TWD, EHY, ETL, ETL, NACB, NACB, VWDT, VWDT, OWD, OWD, ECBN, YULB, ETLH, ETLH, EYUL, TWFI, CHGB, CHGB, WHF, WHF, FUSS, FUSS.

2015 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SSSL, SSSL, FULB, FULB, TWT, TWT, TDCB, TDCB, WPL, WPL, YUS, YUS, SMLT, SMLT, CHKT, CHKT, DPDB, DPDB, ENA, ENA, WHYT, WHYT, WHYT, WHYT, TYC, TYC, TYC, TYC, WCS, WCS, WCS, WCS, NNSB, NNSB, NNSB, NNSB, EWUT, EWUT, EWUT, EWUT, NNS, NNS, NNS, NNS, ALS, ALS, ELDTW, ELDTW, ELDTW, ELDTW, WHP, WHP, WHP, WHP, WJS, WJS, WJS, WJS, EDH, EDH, EDH, EDH, WNT, WNT, WNT, WNT, CHNS, CHNS, CHNS, CHNS, TWC, TWC, TWC, TWC, NDS, NDS, NDS, NDS, ENT, ENT, ENT, ENT, TCU, TCU, TCU, TCU, YHNB, YHNB, YHNB, YHNB, YHNB, YHNB, LONT, LONT, LONT, LONT, NSK, NSK, NSK, NSK, STYH, STYH, STYH, STYH, STYH, STYH, TQW1, TQW1, TQW1, TQW1, TWE, TWE, TWE, TWE, WDLH, WDLH, WDLH, WDLH, TPUB, TPUB, TPUB, TPUB, WCHH, WCHH, WCHH, WCHH, WCHH, WCHH, NWLT, NWLT, NWLT, NWLT, NSTT, NSTT, NSTT, NSTT, WTP, WTP, WTP, WTP, WTP, WTP, WDJ, WDJ, WDJ, WDJ, LDUT, LDUT, LDUT, LDUT, NMLH, NMLH, NMLH, NMLH, CHY, CHY, CHY, CHY, WTK, WTK, WTK, WTK, TWK, TWK, TWK, TWK, TWK, TWK, WRL, WRL, WRL, WRL, WRL, WRL, CHN1, CHN1, CHN1, CHN1, CHN1, CHN1, SNST, SNST, SNST, SNST, SNST, SNST, SGST, SGST, SGST, SGST, SGST, SGST, SLGT, SLGT, SLGT, SLGT, SLGT, SLGT, TIPB, TIPB, TIPB, TIPB, TIPB, TIPB.

792

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WSF, WSF, ICHU, ICHU, NWF, NWF, SSD, SSD, TSMG, TSMG, YMO1, YMO1, JYNG, JYNG, MASBT, MASBT, YOJ, YOJ, EAST, EAST, SCZT, SCZT, SLIU, SLIU, LAY, LAY, PHUB, PHUB, PHUB, PHUB, PNG, PNG, IRIF, IRIF, IRIF, IRIF, HATJ, HATJ, HATJ, HATJ, JKRS, JKRS, JYNG, JYNG, PTMZ, PTMZ, JISG, JISG, JISG, JISG, KNMB, KNMB, AXDP, AXDP.

IDC 12 21:44:36.1i2.5,0.03S;97.70E,h0km,mb3.5/4,mb1.3/6.5,mb1mx3.3/45,mbmp3.5/5,ML2.7/1,MS3.2/3,Ms1.3/3.3,ms1mx2.8/31,Error ellipse: s-maj=73.8km s-min=31.5km az=60.0

DJA 12 21:44:40.8i0.6,0.0N;4.9E,h10km,M4.0/8,mb4.5/2,ML3.8/8

ISC 12 21:44:42.5i1.1,0.48N;0.08;98.0E;0.1,h29km,n19,r1933/14,mb3.6/4,Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI, GSI, GSI, GSI, MNSI, MNSI, SISI, SISI, PSI, PSI, PPI, PPI, PDSI, PDSI, TPTI, TPTI, MNAI, MNAI, MDSI, MDSI, CMAR, CMAR, KAPI, KAPI, H08S2, H08S2, H08S3, H08S3, H08S1, H08S1, WRA, WRA, SONM, SONM, MKAR, MKAR, ZALV, ZALV, FINES, FINES.

TUL 12 22:15:09.1i1.0,36.95N;0.02;97.83W;0.02,h2km,6km,ML2.8,mb,Lg2.6/27(NEIC),Error ellipse: s-maj=2.6km s-min=2.1km az=152.0

NEIC 12 22:15:09.3i1.1,36.92N;0.02;97.83W;0.03,h4km,7km,Error ellipse: s-maj=2.9km s-min=2.4km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GC02, GC02, KAN14, KAN14, KAN17, KAN17, KAN05, KAN05, KAN01, KAN01, KAN09, KAN09, KAN10, KAN10, KAN13, KAN13, KAN03, KAN03, KAN08, KAN08, KAN06, KAN06, KAN16, KAN16, KS20, KS20, KAN12, KAN12, CROK, CROK, BLOK, BLOK, T35A, T35A, U32A, U32A, OK029, OK029, QUOK, QUOK, OK031, OK031, BCOK, BCOK, OK030, OK030, OKCFA, OKCFA, R32A, R32A, T150, T150, TUL1, TUL1, WMOK, WMOK, WMOK, WMOK, X34A, X34A, X34A, X34A, KSMU, KSMU, CBKS, CBKS, CBKS, CBKS, U38A, U38A, LOOK, LOOK, X37A, X37A, HHAR, HHAR, X39A, X39A, S39A, S39A, W39A, W39A, AMTX, AMTX, AMTX, AMTX.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Yellville, Mount Ida, Kaye Shedlock, Dawn, Mountain Grove, Abilene, Hawlie, Maddies Statio, Paris, Junction City, Harden Midland.

NEIC 12 22:18:06.3z,2.3,36.39N,0.03z,22.17E,0.07,101km,1km, mb4.3/21,ML4.1(TH),Error ellipse: s-maj=9.9km s-min=5.9km az=92.0

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ithomi, 8um,0.5s, 0.71 358 P, 22 18 23.4 +1.5

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ithomi, 0.71 358 P, 22 18 23.4 +1.5

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ithomi, 0.71 358 P, 22 18 23.4 +1.5

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ithomi, 0.71 358 P, 22 18 23.4 +1.5

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Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ithomi, 0.71 358 P, 22 18 23.4 +1.5

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ohrid, Milas, Valandovo, Tip, Zeyirinkoy-Aydi, Arhangelos, Turunc, Yerkesk, Tirane, Celeste, ALN, Aleksandropoli, Skopje, BALB, Balikesir, ULC, Ulcinj, ULC.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ohrid, Milas, Valandovo, Tip, Zeyirinkoy-Aydi, Arhangelos, Turunc, Yerkesk, Tirane, Celeste, ALN, Aleksandropoli, Skopje, BALB, Balikesir, ULC, Ulcinj, ULC.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ohrid, Milas, Valandovo, Tip, Zeyirinkoy-Aydi, Arhangelos, Turunc, Yerkesk, Tirane, Celeste, ALN, Aleksandropoli, Skopje, BALB, Balikesir, ULC, Ulcinj, ULC.

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Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ohrid, Milas, Valandovo, Tip, Zeyirinkoy-Aydi, Arhangelos, Turunc, Yerkesk, Tirane, Celeste, ALN, Aleksandropoli, Skopje, BALB, Balikesir, ULC, Ulcinj, ULC.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ohrid, Milas, Valandovo, Tip, Zeyirinkoy-Aydi, Arhangelos, Turunc, Yerkesk, Tirane, Celeste, ALN, Aleksandropoli, Skopje, BALB, Balikesir, ULC, Ulcinj, ULC.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like Ohrid, Milas, Valandovo, Tip, Zeyirinkoy-Aydi, Arhangelos, Turunc, Yerkesk, Tirane, Celeste, ALN, Aleksandropoli, Skopje, BALB, Balikesir, ULC, Ulcinj, ULC.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like HFS Hagfors, FINES FINESS Array B, EKA Eskdalemuir Ar, NB2 NORSAR Subarra, NOA NORSAR Array B, KIRV Kirov, GEYT Alibek, TORO Torodi Ar, ABKAR Abkudak array, HRA Herat, HRA.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like HFS Hagfors, FINES FINESS Array B, EKA Eskdalemuir Ar, NB2 NORSAR Subarra, NOA NORSAR Array B, KIRV Kirov, GEYT Alibek, TORO Torodi Ar, ABKAR Abkudak array, HRA Herat, HRA.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like HFS Hagfors, FINES FINESS Array B, EKA Eskdalemuir Ar, NB2 NORSAR Subarra, NOA NORSAR Array B, KIRV Kirov, GEYT Alibek, TORO Torodi Ar, ABKAR Abkudak array, HRA Herat, HRA.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like HFS Hagfors, FINES FINESS Array B, EKA Eskdalemuir Ar, NB2 NORSAR Subarra, NOA NORSAR Array B, KIRV Kirov, GEYT Alibek, TORO Torodi Ar, ABKAR Abkudak array, HRA Herat, HRA.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like HFS Hagfors, FINES FINESS Array B, EKA Eskdalemuir Ar, NB2 NORSAR Subarra, NOA NORSAR Array B, KIRV Kirov, GEYT Alibek, TORO Torodi Ar, ABKAR Abkudak array, HRA Herat, HRA.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like HFS Hagfors, FINES FINESS Array B, EKA Eskdalemuir Ar, NB2 NORSAR Subarra, NOA NORSAR Array B, KIRV Kirov, GEYT Alibek, TORO Torodi Ar, ABKAR Abkudak array, HRA Herat, HRA.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like HFS Hagfors, FINES FINESS Array B, EKA Eskdalemuir Ar, NB2 NORSAR Subarra, NOA NORSAR Array B, KIRV Kirov, GEYT Alibek, TORO Torodi Ar, ABKAR Abkudak array, HRA Herat, HRA.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like HFS Hagfors, FINES FINESS Array B, EKA Eskdalemuir Ar, NB2 NORSAR Subarra, NOA NORSAR Array B, KIRV Kirov, GEYT Alibek, TORO Torodi Ar, ABKAR Abkudak array, HRA Herat, HRA.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like HFS Hagfors, FINES FINESS Array B, EKA Eskdalemuir Ar, NB2 NORSAR Subarra, NOA NORSAR Array B, KIRV Kirov, GEYT Alibek, TORO Torodi Ar, ABKAR Abkudak array, HRA Herat, HRA.

NEIC 12 22:23:46.0z,0.6,36.39N,0.010z,97.824W,0.009, h47km,5km,mb-Lg2/38,Error ellipse: s-maj=1.5km s-min=0.8km az=153.0,Okla=0

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like GCO2 Grant County #, GCO2 Manchester OK, KAN17 Caldwell West, KAN05 Bluff City Nor, KAN01 Argonia South, KAN09 Caldwell North, KAN03 South Haven SW, KAN13 Anthony SW Sta, KAN10 Anthony SW Sta, KAN06 Argonia West S, KAN08 Anthony NE Sta, KAN02 Salt Plains WL, OK032 Harper SW Stat, KAN16 Mayfield South, KAN09 Carrier, BLOK Blackwell, T35A Sooner Cattle, U32A Winter Ranch, OK029 Liberty Creek, OUK03 Anney P, BCOK Bluff Creek N, OKCFA Oklahoma City, R32A Long Charter, FNO Franklin, TUL1 Leonard, WMOK Wichita Mounta, WMOK Smith Ranch, KSIU1 Kansas State, CBKS Kansas Buff, U38A Gravette, LOOK Love County, X37A Clayton, HIRAR Herat, Z35A Perchaven, S39A Bolivar.

13d 1h

Table with columns: CHGR, Chuyangaron, 2.29 336, Pn, Pn, 23 54 38.7, +0.1, etc.

TUL 13 00:17:29.0, 7.36:94N.0:02:97.84W.0:03, h3km, 7km, ML2.5, mb_Lg2.3/7(NEIC), Error ellipse: s-maj=2.8km

NEIC 13 00:17:29.2-0.9, 36.31N.0:02:97.84W.0:02, h6km, 6km, Error ellipse: s-maj=2.9km s-min=1.9km az=173.0,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 13 00:51:47.9-3.7, 3:12S.101:41E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.5/48, mbtmp3.6/6, Error ellipse: s-maj=169.2km s-min=21.5km az=54.0

DJA 13 00:51:58.8-0.7, 3:55S.101:25E, h29km, 8km, M3.7/10, MLV3.7/10

ISC 13 00:51:56.7-1.0, 3:15S.101:56E.0:08, h53km, n18, c249/16, mb3.7/6, Southern Sumatra

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 13 00:55:44.1-1.8, 37:50N.135:61E, h342km, 66km, mb2.6/2, mb1 2.9/3, mb1mx2.6/44, mbtmp3.3/3, Error ellipse: s-maj=193.0km s-min=20.0km az=57.0

JMA 13 00:55:44.0-4.0, 37:48N.135:74E, h357km, 4km, M2.9

ISC 13 00:55:44.5-1.2, 37:50N.135:75E.0:11, h350km, n10, c649/12, Sea of Japan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

TUL 13 00:59:31.5-1.0, 36:952N.0:00:97:82W.0:01, h1km, 7km, ML2.5, mb_Lg2.4/14(NEIC), Error ellipse: s-maj=1.8km

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s-min=0.7km az=112.0 NEIC 13 00:59:31.7-0.8, 36:93N.0:01:97:82W.0:02, h9km, 3km, Error ellipse: s-maj=1.9km s-min=1.7km az=96.0,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 13 01:16:39.0-2.7, 1:40S.15:88W, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.6/49, mbtmp3.9/6, ML3.7/1, MS3.2/2, M1 3.2/2, ms1mx2.8/38, Error ellipse: s-maj=72.0km s-min=34.8km az=90.0

ISC 13 01:16:40.9-2.1, 1:45S.0:2:15:38W.0:4, h12km, n13, c087/7, mb3.9/5, North of Ascension Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 13 01:23:53.8-2.3, 6:21S.149:01E, h54km, 14km, mb3.1/1, mb1 3.7/2, mb1mx3.2/21, mbtmp3.6/2, ML4.1/1, MS3.3/1, M1 3.1/2, ms1mx2.7/10, Error ellipse: s-maj=68.5km s-min=11.3km az=120.0, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 13 01:26:48.6-1.6, 34:37N.25:65E, h56km, 13km, mb3.5/8, mb1 3.6/7, mb1mx3.5/47, mbtmp3.8/7, MS3.7/1, M1 3.7/1, ms1mx2.5/33, Error ellipse: s-maj=19.1km s-min=13.0km az=25.0

THE 13 01:26:48.1, 34:11N.25:59E, h8km, 1km, ML3.4/7, Error ellipse: s-maj=1.8km s-min=0.6km az=110.0

ATH 13 01:26:48.2, 34:47N.25:60E, h41km, 2km, ML3.4/7, Error ellipse: s-maj=5.0km s-min=1.3km az=348.0

ISK 13 01:26:48.0, 34:52N.25:59E, h80km, ML3.4/21

ISC 13 01:26:48.3-1.1, 34:40N.0:07:25:63E.0:03, h52km, 10km, n117, c1517/142, mb3.7/8, Crete

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

796

Table with columns: ZKR, comp=N, 366j, 0m, 0.5s, AML, AML, 01 27 22.0, etc.

Table with columns: EIL, Elat, 9.21 118 P, Pn, 01 28 57.5 -1.0, etc. Includes stations like Valguerna, SOKA Soboth, OBKA Obir, etc.

ISK 13 01:33:23.1, 34:52N-25:61E, h81km, ML3.1/13
THE 13 01:33:24.0, 34:45N-25:57E, h9km, 1km, ML2.5/9, Error
ellipse: s-maj=1.8km s-min=0.6km az=117.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like FRMA Ierapetra Chan, NPS Neapolis, ZKR Zakros, etc.

Table with columns: AKAS Kas, 3.69 62 PN, Pn, 01 34 19.1 -0.6, etc. Includes stations like DION Dionisos Attik, CAME Camel-Denizli, etc.

IDC 13 01:39:22.9-12.0, 15:27S-165:19E, h0km, mb3.8/4,
mb1 4.0/5, mb1mx3.7/40, mbtmp3.8/5, ML3.3/1, Error
ellipse: s-maj=211.9km s-min=34.1km az=53.0, Vanuatu
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warrungga Arr, etc.

Table with columns: LDUT baz=189, eS, Sn, 01 39 57.5 -1.9, etc. Includes stations like DPDB Guoxing, TWGT Baizhan, TWG Pinlang, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like HHAR Hobbs, Z35A Perchaven, S39A Bolivar, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like TXAR, PDAR, TKL, etc.

Station information and coordinates for TXAR: 13 02:13.28.0.1.2, 8.49N, 71.45W, h0km, mb3.4/2, mb1 3.9/4, mb1mx3.5/33, mbtmp3.7/4, ML3.1/2, Error ellipse: s-maj=36.2km s-min=10.4km az=159.0

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, Time, Res, and other technical details. Includes stations like KOHI, JORH, SHL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like SJCC, SJCC, BENV, etc.

Station information and coordinates for SJCC: 13 03:11.58.9.0.9, 37.85S, 177.55E, h0km, mb3.9/3, Off east coast of North Island

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like PDAR, ASAR, WRA, etc.

Station information and coordinates for PDAR: 13 02:16.47.9.61.0, 18.71S, 179.01W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/27, mbtmp3.7/3, Error ellipse: s-maj=1107.0km s-min=162.2km az=80.0, Fiji Islands

Station information and coordinates for INET: 13 03:05.38.2, 13.00N, 86.69W, h10km, ML3.7, Nicaragua

Station information and coordinates for NOU: 13 03:11.47.9.37, 84S, 178.55E, h4km, MLV4.1/6, Off E, IDC 13 03:11.57.7.4, 37.34S, 176.81E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/31, mbtmp3.9/3, Error ellipse: s-maj=402.0km s-min=62.2km az=172.0

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, Time, Res, and other technical details. Includes stations like STKA, WRA, ASAR, etc.

Table with columns: MKAR, Kurbatov Arra, WRA, ASAR. Includes station names, times, and coordinates.

JMA 13 04:16:46.9,0.2,43.74N,147.65E,h14km,M3.5

SKHL 13 04:16:48.1,0.4,43.70N,147.80E,h38km,4.4km,mb4.5/2,

Kuril Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like Yuzh-Kuril'sk, Nemuro-2, Nemuro-3, etc.

IDC 13 04:40:35.0,1.2,5.48N,126.61E,h0km,mb4.1/10,

mb1.4/10,mb1mx3.8/41,mbtmp4.1/10,MS3.7/1,

Ms1.3/7.1,ms1mx2.5/40,Error ellipse: s-maj=103.3km

s-min=16.9km az=72.0

NEIC 13 04:40:44.0,1.4,5.41N,10.05x126.3E,0.1,h5km,1.0km,

mb4.3/16,Error ellipse: s-maj=16.1km s-min=5.5km

az=67.0

MAN 13 04:40:47.6,5.40N,126.57E,h2km,mb4.7,ML3.6,MS3.5

ISC 13 04:40:47.3,0.6,5.11N,10.05x126.2E,0.08,h100km,n35,

az=155/32,mb4.3/17,4C-1D,Mindanao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like General Santos, Davao City (W), Davao City (M), etc.

MAN 13 04:42:31.6,13.24N,120.19E,h1km,mb4.8,ML3.6,MS3.6

IDC 13 04:42:37.2,4.1,13.24N,120.34E,h34km,30km,mb3.6/5,

mb1.3/9.6,mb1mx3.5/43,mbtmp3.5/MS2.9/3,Ms1.3/9.3,

ms1mx2.7/42,Error ellipse: s-maj=44.9km s-min=19.2km

az=59.0

ISC 13 04:42:34.2,0.9,13.25N,10.06x120.23E,0.06,h10km,n15,

az=173/15,mb3.8/5,3C-2D,Mindoro

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like Lubang, Puerto Galera, Tagaytay City, etc.

Table with columns: KSRS, WRA, SONM, ASAR, MKAR. Includes station names, times, and coordinates.

IDC 13 04:54:43.1,3.0,0.68N,123.92E,h238km,30km,mb3.6/5,

mb1.3/7.6,mb1mx3.2/44,mbtmp4.2/6,Error ellipse:

s-maj=77.2km s-min=12.7km az=67.0

NEIC 13 04:54:44.8,1.6,0.5N,10.1x123.68E,0.09,h242km,9km,

mb4.1/19,Error ellipse: s-maj=15.3km s-min=12.1km

az=196.0

DJA 13 04:54:46.3,0.5,0.0N,4x12.4E,az,h226km,6km,M3.7/13,

MLV3.7/13

ISC 13 04:54:45.6,0.6,0.42N,10.07x123.59E,0.07,h264km,n47,

az=177/50,mb4.1/19,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like Cibinong, Marisa, Luwuk, Ampang, etc.

SOME 13 05:04:22.6,40.08N,76.58E,h10km

KRNET 13 05:04:30.0,0.1,40.40N,76.86E,mb3.8

NNC 13 05:04:32.9,1.0,40.46N,76.64E,h0km,mb4.2,mpv3.9,

Error ellipse: s-maj=7.5km s-min=5.5km az=167.0

ISC 13 05:04:26.3,1.6,40.27N,10.06x76.56E,0.03,h17km,13km,

n67,r=191/99,31C-11Z,Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like Ulahol, Uchtor, Kurk, etc.

Table with columns: TNSS, TNSN, TNSM, TNSL, TNSR, TNSX, TNSY, TNSZ. Includes station names, times, and coordinates.

TNSN 20nm,0.6s

TNSM 20nm,0.6s

TNSL 20nm,0.6s

TNSR 20nm,0.6s

TNSX 20nm,0.6s

TNSY 20nm,0.6s

TNSZ 20nm,0.6s

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like Tian-Shan, Alay-Archa, Almayashu, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PTLB Pontes e Lacer, EMTB Extrema, SIV San Ignacio, etc.

RSNC 13 06:03:15.9.1.1, 7.15N, 71.95W, h1km, 4km, ML3.4, Mw4.0, Fault plane solution: NP1, 8.00000, 89.00000, 1.90.00000.

FUNV 13 06:03:15.2.7.16N, 71.97W, h2km, MW3.5, IDC 13 06:03:16.9.2.8, 7.04N, 71.94W, h35km, 24km, mb3.4/5, mb1.3/8.10, mb1mx3.7/3.7, mbtmp3.8/10, ML3.7/4, Error ellipse: s-maj=25.9km s-min=21.3km az=145.0.

ISC 13 06:03:14.5.1.1, 7.19N, 0.02, 71.93W, 0.02, h10km, 8km, n62, 1978/96, mb3.4/5, 8C-12, Venezuela

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TAMC Tame, Aranca, PAMC Pamploña, COLO, BARC Barichara, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VILC El Baul, CVALL Valledupar, UREC San Jos de Ur, etc.

NEIC 13 06:04:15.2.29.86S, 64.52W, h8km, Moment Tensor Solution, Moment tensor: Scale 1017Nm, Mr2.00, Ms1.44, Mw1.61, Fault plane solution: Ms3.47000, 1017, NP1, 151.04000, 368.64000, 1.96.90000, NP2, 331.43000, 822.43000, 1.72.71000, Principal axes: T 3.1109, Plg66.0000, Azm72.0000, N 0.6276, Plg7.0000, Azm327.0000, P -3.7385, Plg23.0000, Azm235.0000.

VAO 13 06:04:15.0.0.0.2, 29.82S, 64.53W, h1km, mb5.9

MOS 13 06:04:15.9.1.1, 29.77S, 64.46W, h2km, mb6.2/45, Error ellipse: s-maj=8.4km s-min=6.3km az=85.8

IDC 13 06:04:16.8.0.3, 29.75S, 64.41W, h27km, 2km, mb5.3/28, mb1.5/432, mb1mx5.4/35, mbtmp5.5/32, ML5.2/4, MS5.4/17, Ms1.9/17, ms1mx5.2/21, Error ellipse: s-maj=12.9km s-min=8.5km az=82.0

NEIC 13 06:04:17.2.1.8, 29.85S, 0.06, 64.50W, 0.07, h27km, 1km, mb6.2/116, Ms. 20.5/5/115, Mw5.6/31, Mw5.6/31, Md5.8(SJA), Mw5.6(GCMT), Error ellipse: s-maj=10.9km s-min=10.4km az=273.0

SJA 13 06:04:17.2.7.29.87S, 0.06, 64.50W, 0.07, h52km, 4km, Error ellipse: s-maj=8.9km s-min=8.5km az=128.0

GCMT 13 06:04:20.2.0.1, 29.83S, 0.01, 64.77W, 0.01, h34km, Mw5.6/133, Moment Tensor Solution, s133, c231, s119, c200, Duration: 1.95, Moment tensor: Scale 1017 Nm, Mr1.81, 0.03, Ms1.93, 0.03, Mw1.68, 0.03, Ms1.02, 0.04, Mw1.75, 0.02, Mr1.94, 0.05, Best double couple: M2 899000, 1017, NP1, 343.0000, 821.0000, 1.99.0000, NP2, 331.0000, 870.0000, 1.87.0000, Principal axes: T 2.8180, Plg65.0000, Azm58.0000, N 0.1600, Plg3.0000, Azm155.0000, P -2.9800, Plg25.0000, Azm246.0000, nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 13 06:04:21.29.87S, 64.74W, h30km, Moment Tensor Solution, Duration: 3.0, Moment tensor: Scale 1017Nm, Mr1.58, Ms0.10, Mw1.47, Ms1.16, Mw0.67, Mr2.12, Fault plane solution: Ms2.9400, 1017, NP1, 344.0000, 818.0000, 1.102.0000, NP2, 334.0000, 873.0000, 1.86.0000, Principal axes: T 2.8566, Plg62.0000, Azm57.0000, N 0.1553, Plg3.0000, Azm153.0000, P -3.0119, Plg28.0000, Azm245.0000, Azm153.0000, P -3.0119, Plg28.0000, Azm245.0000.

NEIC 13 06:04:22.29.87S, 64.50W, h24km, Moment Tensor Solution, Duration: 14.0, Moment tensor: Scale 1017Nm, Mr1.89, Ms0.06, Mw1.95, Mw0.93, Ms0.81, Mr1.73, Fault plane solution: Ms2.3600, 1017, NP1, 349.0000, 824.0000, 1.104.0000, NP2, 334.0000, 873.0000, 1.84.0000, Principal axes: T 2.6930, Plg68.0000, Azm53.0000, N 0.3150, Plg9.0000, Azm156.0000, P -3.0087, Plg22.0000, Azm245.0000.

ISC 13 06:04:16.4.0.4, 29.82S, 0.04, 64.48W, 0.04, h25km, 2km, h25km, pp-P, n92, 1542/92, mb6.1/129, MS5.5/90, 409C-34D, Fault plane solution: NP1, 1296.49344, 836.25624, 1.53.3964, NP2, 159.13846, 861.65484, 1.113.61849, Principal axes: T Plg64.9473, Azm111.1301, N Plg20.6470, Azm327.4099, P Plg13.5607, Azm232.1953, Fault plane solution: NP1, 160.97708, 857.32921, 1.61.37587, NP2, 26.29127, 842.36186, 1.126.76167, Principal axes: T Plg64.7142, Azm118.5036, N Plg23.7826, Azm177.9926, P Plg8.0930, Azm270.9853, Santiago

El Estero Province

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZON Zonda, ZON Zonda, AC03 Maricunga, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZON Zonda, ZON Zonda, AC03 Maricunga, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like 522A 4UR Ranch, Cre, 78.02 327 P, LB7B Lobatse, 78.05 112 P, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like YES Vestal, Richgr, 83.07 318 P, SMMC Simmler, 83.24 317 P, BW06 Boulder Array, 83.27 328 P, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like PVIS Viseu, 87.57 39 eP, O03E Paynes Creek, 87.70 320 P, J08A Circle Bar Ran, 88.00 324 P, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MNAI, NIL, KLI, HYB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like SHLS, Shalkode, SHLS, SHLS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like SONM, CMAR, CMAR, CMAR, etc.

13d 6h

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

IDC 13 06:07:09.2.2.1, 25.04S: 179.41W, h447km, 18km, mb3.8/9, mb1.4/13, mb1mx3.8/3.7, mbtmp4.7/13 Error ellipse: s-maj=26.9km s-min=16.2km az=125.0

NEIC 13 06:07:10.3.2.1, 25.0S:0.1:179.4W:0.1, h450km, 8km, mb4.4/16, Error ellipse: s-maj=22.3km s-min=17.0km az=128.0

NOU 13 06:07:12.4, 24.87S: 179.17W, h523km, mb4.4/46, South of Fiji Islands

ISC 13 06:07:11.0.0.5, 24.95S:0.05:179.48W:0.08, h465km, n130.0:1972/156, mb4.3/31, 1D, South of Fiji Islands

Main table of station data for the 13d 6h period, listing station names, coordinates, and seismic parameters.

2015 NOV

Main table of station data for the 2015 NOV period, listing station names, coordinates, and seismic parameters.

808

Main table of station data for the 808 period, listing station names, coordinates, and seismic parameters.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BCIP, SDV, SJC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 833A, NATX, 241A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like D62A, Allapoint, All, 55.69, etc.

DLBC Dease Lake 9.18 94 Pn Pn 07 25 11.9 -2.5
DLBC Dease Lake 9.18 94 Pn Pn 07 25 14.4 0.0
INK Inuvik 10.05 31 Pn Pn 07 25 26.3 +0.2

NEIC 13 07:36:07.6.1.6.36:76N.0:03:121:35W.0:05:147km,5km,
Error ellipse: s-maj=5.7km s-min=3.2km az=64.0
ANF 13 07:36:07.7.1.1.36:66N.121:26W,h0km,ML3.4/7,Error
ellipse: s-maj=11.1km s-min=8.2km az=105.0

NECEDC 13 07:36:07.3.0.9.36:78N.0:03:121:29W.0:06:h9km,6km,
ML3.5/65,ML3.2/32(NEIC),Error ellipse: s-maj=8.6km
s-min=2.0km az=60.0

ISC 13 07:36:07.5.0.9.36:77N.0:02:121:34W.0:03:h17km,6km,
n68,-08172, Central California

Code Station Name Az AZ Op Phase ID Time Res
SAO San Andreas Ge 0.9 264 P P 07 36 10.8 -0.1
SAO 07 36 13.6 +0.4
BLRM Lewis Ranch 0.12 153 P P 07 36 10.8 -0.5

COSM Mount Oso 0.73 358 P P 07 36 22.1 +0.2
PAPM Alder Peak 0.86 181 P P 07 36 24.0 -0.2
PDRM Domingue Ranch 0.90 119 P P 07 36 24.5 -0.4

THIS South End of C 1.38 139 Pn Pn 07 36 32.5 +0.5
TSCN Private Proder 1.47 146 Pn Pn 07 36 33.8 +0.6
CMB Columbia Colle 1.47 31 Pn Pn 07 36 32.7 -0.6

KCC Kaiser Creek 1.71 71 Pn Pn 07 36 36.8 +0.3
CVS Carmel-et Viney 1.80 331 Pn Pn 07 36 39.9 +0.9
SMCC Simmler 1.82 143 P P 07 36 38.9 +0.9

MCCM Marconi Conter 1.84 39 Pn Pn 07 36 37.7 -0.5
HELL Mitchell Peak, 1.86 92 Pn Pn 07 36 38.1 -0.6
PMLM Mount 1.97 162 Pn Pn 07 36 37.5 -0.7

ORV Crowdin 2.78 357 Pn Pn 07 36 52.3 +1.1
VNCN Virginia City 2.85 27 Pn Pn 07 36 53.6 +1.2
VNCN 07 37 42.4

KVN Kaiserville 3.43 47 IAML Pn 07 37 01.1 +0.8
KVN 07 37 57.1
KVN 07 37 57.2

MSVF Nonsavu 3.84 277 P P 07 37 43.8 +2.8
MSVF Nonsavu 3.84 277 P P 07 37 45.0 +4.3
AFI Afiamatu 7.35 55 P P 07 38 11.6 +0.1

ISC 13 07:36:21.1.1.3.18:23S:178:05W,h561km,14km,
mb3.6/12,mb1 3.8/15,mb1mx3.5/29,mbtmp4.5/15,Error
ellipse: s-maj=28.3km s-min=12.1km az=152.0

NEIC 13 07:36:21.8.1.4.18:4S:0:1:177:92W.0:10,h575km,9km,
mb4.5/19,Error ellipse: s-maj=22.5km s-min=11.5km
az=158.0

ISC 13 07:36:19.9.0.5.18:3S:0:1:177:95W.0:08,h550km,n48,
+1452:50,mb4.4/23, Fiji Islands region

Code Station Name Az AZ Op Phase ID Time Res
MSVF Nonsavu 3.84 277 P P 07 37 43.8 +2.8
MSVF Nonsavu 3.84 277 P P 07 37 45.0 +4.3

Code Station Name Az AZ Op Phase ID Time Res
MSVF Nonsavu 3.84 277 P P 07 37 43.8 +2.8
MSVF Nonsavu 3.84 277 P P 07 37 45.0 +4.3

Code Station Name Az AZ Op Phase ID Time Res
MSVF Nonsavu 3.84 277 P P 07 37 43.8 +2.8
MSVF Nonsavu 3.84 277 P P 07 37 45.0 +4.3

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MSVF Nonsavu 3.84 277 P P 07 37 45.0 +4.3

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Code Station Name Az AZ Op Phase ID Time Res
MSVF Nonsavu 3.84 277 P P 07 37 43.8 +2.8
MSVF Nonsavu 3.84 277 P P 07 37 45.0 +4.3

Code Station Name Az AZ Op Phase ID Time Res
MSVF Nonsavu 3.84 277 P P 07 37 43.8 +2.8
MSVF Nonsavu 3.84 277 P P 07 37 45.0 +4.3

QRZ comp=Z,19nm,1.1s Iamb Iamb 07 41 07.6
EIDS Eidsvold 29.55 251 P P 07 41 40.9 +0.3
EIDS 07 41 41.3

CTAO Charters Town 33.82 261 P P 07 42 16.4 -0.7
CAN Canberra 33.83 233 P P 07 42 17.2 +0.2
PMG Port Moresby 34.95 280 P P 07 42 26.1 -0.5

PMG comp=Z,7.4nm,0.3s,baz=54,slow=7.2,SNR=4.8
Port Moresby 34.95 280 Iamb Iamb 07 42 28.0
TOO Toolangi 37.28 231 P P 07 42 45.6 0.0

COEN comp=Z,16nm,0.8s Coen 37.54 271 P Iamb Iamb 07 42 47.8 -0.1
STKA comp=Z,12nm,0.8s Stephens Creek 38.84 242 P P 07 42 58.4 +0.2

STKA comp=Z,11nm,0.7s,baz=84,slow=10.0,SNR=19.9
Stephens Creek 38.84 242 P P 07 42 58.0 -0.2
JAY Jayapura 43.42 286 P P 07 43 34.3 -0.6

BBOO Buecklebo 43.67 241 P Iamb Iamb 07 43 35.2 -0.8
BBOO 07 43 36.0
WRO Warramunga Arr 44.80 260 P P 07 43 44.1 -1.4

WRO Warramunga Arr 44.80 260 P P 07 43 46.5 -0.8
WRA Warramunga Arr 44.99 260 P P 07 43 46.0 -1.0
WRA 07 43 46.0 -1.0

ASAR comp=Z,8.6nm,0.6s Alice Springs 45.11 255 P P 07 43 47.1 -0.6
ASAR 07 43 47.1 -0.6
ASAR 07 43 47.1 -0.6

ASAR comp=Z,29nm,0.7s,baz=87,slow=8.9,SNR=374
Alice Springs 45.11 255 P P 07 43 47.1 -0.6
ASAR 07 43 47.1 -0.6

ASAR comp=Z,1.9nm,0.5s,baz=101,slow=3.7,SNR=10
Alice Springs 45.11 255 P P 07 43 46.9 -0.9
ASAR 07 43 46.9 -0.9

ASAR comp=Z,2.0nm,0.5s,baz=108,slow=3.1,SNR=11
Alice Springs 45.11 255 P P 07 43 46.9 -0.9
ASAR 07 43 46.9 -0.9

LTZ comp=Z,16nm,0.7s Iamb Iamb 07 49 10.6
STKA Stephens Creek 28.99 230 P P 07 49 18.0 +1.4

STKA comp=Z,16nm,0.4s,baz=54,slow=1.1,SNR=56
Stephens Creek 28.99 230 Iamb Iamb 07 49 18.0 +1.4
STKA 07 49 18.9

STKA comp=Z,7.4nm,1.1s Stephens Creek 28.99 230 P P 07 49 17.4 +0.8
ARPS comp=Z,2.8nm,1.7s Arapiles 31.51 222 P P 07 49 40.3 +1.5

HBT Hallett 31.71 229 P P 07 49 41.4 +0.7
WBO Warramunga Arr 31.84 256 P P 07 49 40.6 -1.4
WBO 07 49 42.0

WRAB comp=Z,2.9nm,0.7s Tennant Creek 31.89 256 P P 07 49 40.8 -1.6
WRAB 31.91 256 P P 07 49 40.5 -2.0

WRA Warramunga Arr 31.91 256 P P 07 49 41.0 -1.5
OOD Oodnadatta 32.10 241 P P 07 49 45.0 +0.9
AS31 Alice Springs 32.73 249 P P 07 49 48.7 -1.0

ASAR comp=Z,4.6nm,0.4s,baz=78,slow=9.2,SNR=35
Alice Springs 32.73 249 P P 07 49 48.8 -1.0
ASAR 07 56 04.4 -0.2

ASAR comp=Z,0.4nm,0.8s,baz=83,slow=4.5,SNR=5.8
Alice Springs 32.73 249 P P 07 49 48.5 -1.2
ASAR 32.75 232 P P 07 49 57.6 +0.7

BBOO comp=Z,33nm,0.7s Buecklebo 33.58 238 P P 07 50 07.2 +0.3
MULG Mulgathing 33.24 238 P P 07 50 02.0 -0.5

KNRA comp=Z,2.0nm,1.2s Kununurra 37.24 264 P Iamb Iamb 07 50 28.0 -0.4
KNRA 07 50 37.4

WRKA comp=Z,33nm,1.4s Warakura 37.99 248 P P 07 50 33.6 -1.1
FORD 39.32 239 P P 07 50 45.6 -0.1

ISC 13 07:43:01.4.3.5.18:55N:147:56E,h0km,mb3.7/6,
mb1 3.8/6,mb1mx3.7/28,mbtmp3.7/6,Error ellipse:
s-maj=144.3km s-min=23.8km az=83.0

ISC 13 07:43:07.0.3.3.18:5N:0:2:147:5E.0:9,h35km,n6,
+0549:6,mb3.6/6,Mariana Islands region

Code Station Name Az AZ Op Phase ID Time Res
WRA Warramunga Arr 40.33 199 P P 07 50 41.3 0.0

ASAR Alice Springs 43.96 198 P P 07 51 11.0 +0.1
SONM Songoing Arr 44.35 321 P P 07 51 14.5 +0.5

ZALV Zalesovo Beam 51.9 322 P P 07 53 04.0 -0.4
MKAR Makanchi Arr 59.81 314 P P 07 53 08.3 -0.5

FINES Fineness Array B 87.75 336 P P 07 55 52.1 0.0

ISC 13 07:43:27.3.4.1.14:78S:167:39E,h119km,33km,mb4.1/7,
mb1 4.3/7,mb1mx3.9/20,mbtmp4.4/7,MS.4.1/1,MS.1.4.1/1,
ms1mx3.2/28,Error ellipse: s-maj=31.0km s-min=23.1km
az=116.0

NOU 13 07:43:28.0.14:63S:167:44E,h128km,mb4.7/31,
Vanatu Islands

NEIC 13 07:43:29.7.1.4.18:5S:0:1:167:4E.0:2,h133km,6km,
mb4.6/15,Error ellipse: s-maj=25.4km s-min=16.8km
az=96.0

ISC 13 07:43:29.0.0.7.14:88S:0:08:167:4E.0:1,h129km,n66,
+1559:66,mb4.7/24, Vanatu Islands

Code Station Name Az AZ Op Phase ID Time Res
SANVU Saraoutou 0.59 198 Pn Pn 07 43 49.6 +1.0

SANVU Saraoutou 0.59 198 Pn Pn 07 43 49.7 +1.2
DVP Devils Point 2.93 165 P Pn 07 44 16.9 +2.2

LIFNC LIFOU 5.87 181 Pn Pn 07 44 54.3 +0.6
LIFNC 07 44 54.3 +0.6

KOUNC Koumac, New Ca 6.37 201 P Pn 07 45 02.8 +2.3
MARNC Mare, Loyalty 6.59 175 Pn Pn 07 45 03.4 -0.1

MARNC Mare, Loyalty 6.59 175 Pn Pn 07 45 03.6 +0.1
DZM Mont Dzumac 7.21 187 ePn Pn 07 45 14.0 +2.1

DZM 15nm,0.2s 07 46 25.8 -6.7
DZM 24nm,0.3s 07 45 14.2 +2.3

DZM Mont Dzumac 7.21 187 Pn Pn 07 45 14.2 +2.3
ONTNC Ouen Toro 7.44 187 Pn Pn 07 45 18.0 +3.0

OUCNC Ouen Island, N 7.52 184 Pn Pn 07 45 18.0 +2.1
PINNC Pines Island, 7.52 184 Pn Pn 07 45 20.4 +2.1

EIDS Eidsvold 18.51 233 P Pn 07 47 35.7 +0.3
RAO Raoul Island 19.72 193 P P 07 47 47.7 -0.8

RMQ Roma 20.28 239 P P 07 48 02.7 +1.7
OUZ Omahuta 21.01 166 P P 07 48 04.8 +2.5

ARMA Armadale 21.19 220 P P 07 48 07.9 +3.4
URZ Urewera 24.82 162 P P 07 48 41.8 +2.6

BKSA Black Stump Fm 25.48 163 P P 07 48 46.3 +1.0
CMCA Cobar Meteorite 25.86 226 P P 07 48 49.9 +1.3

CNB Canberra Magne 26.01 215 P P 07 48 51.0 +1.0
BFZ Birch Farm 26.84 165 P P 07 48 59.4 +2.0

KHZ Kahutara 27.95 170 P P 07 49 07.8 +0.6
LTZ Lake Taylor 28.12 172 P P 07 49 09.7 +0.9

ISC 13 08:32:48.2.0.9.53:42N:87:54E,h0km,mb1 3.0/2,
mb1mx2.9/37,mbtmp3.0/2,ML2.7/2,Error ellipse:
s-maj=26.6km s-min=15.0km az=61.0, Southeastern
Siberia

Code Station Name Az AZ Op Phase ID Time Res
H46RU ZALESOVO INFRA 1.70 289 I P 08 41 40.0

ZALV Zalesovo Beam 1.70 289 Pn Pn 08 33 17.8 -1.1
ZALV 2.0nm,0.3s,baz=111,slow=14,SNR=15 08 33 42.1

KURBB Kurchatov Arr 6.22 247 Pn Pn 08 34 21.9 +0.9
KURBB 0.1nm,0.3s,baz=62,slow=14,SNR=14 08 36 07.8

MKAR Makanchi Arr 7.44 209 Pn Pn 08 34 38.9 +1.1
MKAR 0.2nm,0.3s,baz=29,slow=12,SNR=7.3 08 36 42.8

KRNET 13 08:50:02.9.0.1,39:03N:75:63E,mb3.2
SOME 13 08:50:02.9.39:38N:75:17E,h15km
NINC 13 08:50:04.6.4.1,39:52N:74:89E,h0km,mb3.7,mpv3.3,
Error ellipse: s-maj=29.6km s-min=19.1km az=168.0

ISC 13 08:50:07.2.2.3.39:06N:75:06E,0:05:h10km,n24,
+2842:39,12C-10D, Southern Xinjiang

Code Station Name Az AZ Op Phase ID Time Res
UCH Uchter 2.69 351 I/P P 08 50 58.4 -0.1

UCH baz=45 08 51 39.0 +5.6
AML Almayashu 2.76 338 I/P P 08 51 00.1 +0.2

AML baz=35 08 51 41.9 +6.1
ULHL Ulhal 2.82 181 eP P 08 50 57.5 -0.1

ULHL baz=8.0 08 51 37.4 -0.2
TARG Taragay, Kyrgy 3.00 431 eP P 08 50 56.4 +1.4

TARG baz=31 08 51 35.6 -2.0
KKB Karagaybulak 3.09 358 I/P P 08 51 03.3 -2.8

KKB baz=52 08 51 47.5 +1.4
AAK Ala-Archa 3.10 352 I/P P 08 51 02.2 0.6

AAK 12nm,0.8s Ala-Archa 3.10 352 I/P P 08 51 03.9 -2.4
AAK baz=47 08 51 48.5 +2.0

EKS2 Erkin-Say 3.24 343 I/P P 08 51 06.5 -2.5
EKS2 08 51 53.0 +2.0

TKM2 Tokmak 3.38 7 I/P P 08 51 05.8 -1.2
TKM2 1.8nm,0.3s 08 51 53.5

TKM2 4nm,0.6s Tokmak 3.38 7 I/P P 08 51 06.4 -0.6
TKM2 baz=60 08 51 52.9 -2.5

Table with columns: CHMS, baz=60, 3.44 356f, P, Pb, 08 51 08.3 +0.4, etc. Lists various stations and their coordinates.

IDC 13 09:00:58.4, 0.2, 81.2, 42S, 66.66W, h203km, 9km, mb3.3/6, mb1 3.5/11, mb1mx3.4/31, mbtmp3.9/11, Error ellipse: s-maj=15.9km s-min=11.7km az=133.0, NEIC 13 09:00:59.7, 1.5, 21.62S, 01:05:66.69W, 0.1, h216km, 8km, mb4.1/9, Error ellipse: s-maj=14.5km s-min=3.2km az=116.0, SCB 13 09:01:03.2, 1.8, 21.59S, 66.85W, h199km, 9km, ML3.8/8, Error ellipse: s-maj=5.3km s-min=4.2km az=0.0, IDC 13 09:00:59.0, 0.6, 21.54S, 0:05:66.77W, 0.05, h218km, 6km, n60, r146/72, mb3.9, Southern Bolivia

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

Table with columns: SNAEA, Sanae, 61.60 161, P, P, 09 10 52.9 -0.2, etc. Lists stations like TXAR, QSPA, PDAR, etc.

NNC 13 09:03:31.0, 8.0, 36.92N, 70.71E, h0km, mb3.9, mpv3.6, 4C, Error ellipse: s-maj=64.6km s-min=60.1km az=40.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like KK31, AAK, TKM2, etc.

13 09:51:17.9, 2.6, 54.15N, 86.67E, h0km, mb2.9, mpv2.8, Error ellipse: s-maj=27.3km s-min=12.5km az=5.0, Suspected Mining explosion, IDC 13 09:51:21.8, 2.3, 54.03N, 86.45E, h0km, mb1 3.5/2, mb1mx3.1/39, mbtmp3.5/2, ML3.1/2, Error ellipse: s-maj=19.0km s-min=11.3km az=61.0, ISC 13 09:51:25.8, 3.2, 54.20N, 0:2:83.75E, 0.09, h0km, n7, r140/40, 4C-4D, Southwestern Siberia

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

IDC 13 10:00:31.5, 1.3, 48.79N, 156.33E, h0km, mb3.5/4, mb1 3.8/6, mb1mx3.5/30, mbtmp3.7/6, ML3.4/2, MS3.2/3, Ms1 3.2/3, ms1mx2.7/34, Error ellipse: s-maj=47.1km s-min=24.9km az=134.0, MOS 13 10:00:33.7, 0.9, 48.82N, 156.29E, h31km, mb4.0/1, Error ellipse: s-maj=32.8km s-min=5.1km az=78.3, KRSC 13 10:00:36.5, 1.7, 49.26N, 156.59E, h15km, 20km, ML4.3, ISC 13 10:00:36.9, 0.9, 49.07N, 156.06E, 0.1, h34km, n51, r148/54, mb3.7/6, Kuril Islands

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

Table with columns: ILAR, Elision Array, 33.51 41, P, P, 10 07 12.1 -0.6, etc. Lists stations like ARCES, NVAR, PDAR, etc.

JMA 13 10:15:43.6, 0.7, 46.93N, 152.69E, h30km, M4.3, SKHL 13 10:15:44.9, 0.9, 46.30N, 153.00E, h68km, 7km, mb4.3/5, IDC 13 10:15:51.4, 2.9, 46.87N, 152.37E, h88km, 25km, mb3.5/8, mb1 3.7/12, mb1mx3.5/45, mbtmp3.9/12, MS2.0/1, Ms1 2.0/1, ms1mx2.0/31, Error ellipse: s-maj=30.0km s-min=18.7km az=144.0, ISC 13 10:15:51.8, 0.9, 46.44N, 0:1:152.72E, 0.09, h50km, n46, r216/45, mb3.6/8, Kuril Islands

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

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

IDC 13 10:24:37.4-6.5, 127.05x168.24E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/21, mbmt3.5/3, Error ellipse: s-maj=330.0km s-min=33.8km az=141.0, Santa Cruz Islands region

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

IDC 13 10:34:38.9-1.8, 177.14N:123.09E, h0km, mb3.5/4, mb1 3.0/4, mb1mx3.4/27, mbmt3.5/4, Error ellipse: s-maj=175.0km s-min=24.0km az=68.0, MAN 13 10:34:41.4, 17.01N:122.79E, h15km, mb4.8, ML3.7, MS3.6

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

IDC 13 10:34:43.7-1.1, 17.06N:0.07x122.9E:0.1, h35km, n9, c093/12, mb3.4/4, 3C-2D, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SCGP Mt. Cagua, AGPC Pines Island, YATNC Mamie plateau, etc.

IDC 13 10:44:04.3-0.6, 45.08N:28.30E, h5km, m1 1/2, 8C-3D, Error ellipse: s-maj=4.4km s-min=1.9km az=51.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KSRs Korea Array, etc.

KRNET 13 10:51:34.4:0.1, 40.86N:69.48E, h28km, mb2.7, 10C, Tajikistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BTK Batken, TRKS Terek-Say, GAR Garm, etc.

JMA 13 11:04:32.5:0.4, 35.85N:129.30E, h14km, M3.1, KMA 13 11:04:33.1:0.1, 35.81N:129.35E, h0km, Error ellipse: s-maj=1.0km s-min=0.5km az=282.0

ISC 13 11:04:32.9:0.9, 35.82N:0.02x129.37E:0.04, h10km, n45, c0538/43, South Korea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KSVOC YEONGCHEON, KSPHA Pohang, YOCB Yeongcheon, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YOCB Busan, MIYA Miryang-si, KSADO Andong, etc.

NOU 13 11:14:12.7, 13.21S:166.22E, h319km, MLV5.0/4, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SANVU Sarauoutou, KSKWJ Gwangju, etc.

IDC 13 11:15:16.3:4.0, 6.34S:151.54E, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.2/3, mbmt3.2/2, Error ellipse: s-maj=162.9km s-min=52.3km az=121.0, New Britain region

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

TUL 13 11:15:51.6:1.0, 36.943N:0.009x97.83W:0.01, h4km, 5km, ML2.6, mb1, Mb_Lg2.4/9(NEIC), Error ellipse: s-maj=1.6km s-min=1.2km az=120.0

NEIC 13 11:15:52.0:0.8, 36.933N:0.010x97.82W:0.01, h5km, 1km, Error ellipse: s-maj=1.6km s-min=1.3km az=122.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GC02 Grant County #, KAN14 Manchester OK, KAN17 Caldwell West, etc.

NEIC 13 11:21:06.6:1.3, 17.6S:0.3x178.8W:0.3, h569km, 12km, mb4.1/15, Error ellipse: s-maj=54.8km s-min=16.5km az=142.0

IDC 13 11:21:07.5:1.9, 17.34Sx179.03W, h568km, 18km, mb3.2/8, mb1 3.5/9, mb1mx3.2/26, mbmt4.0/9, Error ellipse: s-maj=75.9km s-min=15.7km az=150.0

ISC 13 11:21:05.4:1.1, 17.7S:0.3x178.8W:0.2, h550km, n30, c1807/30, mb4.1/17, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, MSVF Nonsavu, MARNC Mare, Loyalty, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, BMAR Burnt Mountain, GERE5 GERE5 Array B, etc.

LVSN 13 11:24:23.8-6.5,57.46N-21.27E, h0km,108km, ML2.4, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SLUT Slitere, Latvi, PBUR Paburge, etc.

TUL 13 11:27:03.8-0.9,36.942N-0.008-97.83W,0.01,1h5km,5km, ML2.6, ML2.2/43(NEIC), Error ellipse: s-maj=1.3km

NEIC 13 11:27:04.0-0.7,36.934N-0.006-97.81W,0.01,1h7km,4km, Error ellipse: s-maj=1.7km s-min=0.9km az=91.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GC02 Grant County #, KAN17 Caldwell West, KAN14 Manchester OK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like T35A, U32A Winter Ranch, OK029 Liberty Lake, etc.

MIRAS 13 11:33:09.0-0.0,57.01N-61.47E, h0km, ML3.2/6, NNC 13 11:33:16.6-2.2,56.44N-61.96E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=20.0km s-min=7.8km az=159.0, Suspected Mining explosion.

ISC 13 11:33:07.8-1.1,56.937N-0.005-61.47E,0.05,h0km,n9, 1560/18,3C-4D, Ural Mountains region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SVE Sverdlovsk, KAUR Kamensk Uralsk, ARU art, etc.

SEA 13 11:36:40.9-1.3,46.96N-0.02-123.95W,0.06,h35km,7km, ML2.5/28, ML2.4/24(NEIC), Error ellipse: s-maj=5.8km s-min=3.3km az=105.0

NEIC 13 11:36:40.6-1.7,46.98N-0.02-123.99W,0.06,h33km,7km, Error ellipse: s-maj=5.6km s-min=2.8km az=83.0, Washington-Oregon border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WISH Wishkah, B017 Montesano, B019 Raymond, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRW Wenatchee Ridg, H04A Detroit Lake.

NEIC 13 11:39:21.1-1.4,3.6N-0.1-125.0E,0.1,h272km,9km, mb4-3/24, Error ellipse: s-maj=16.9km s-min=14.5km az=52.0

IDC 13 11:39:22.1-3.1,3.44N-124.88E,h283km,30km,mb3.4/9, mb1.3/6.9,mb1mx3/3/1,mbtmp4.1/9, Error ellipse: s-maj=52.0km s-min=11.0km az=65.0

DJA 13 11:39:23.6-0.5,3.3N-124.9E,0.05,h250km,5km,M4.1/13, mb4.5/5,mb4.0/13,MLV4.3/12,Mw(MB)3.7/5

ISC 13 11:39:21.0-0.5,3.53N-124.93E,0.08,h272km,n78, 15101/80,mb4.1/22,1C-1D,Chase Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SGGI Sangihe, KCP Kidapang, DMPH Ternate, etc.

IDC 13 11:44:38.3-2.8,27.94N-55.92E,h0km,mb3.6/4, mb1.3/7.4,mb1mx3-4/28,mbtmp3.7/4, Error ellipse: s-maj=90.1km s-min=27.1km az=154.0

TEH 13 11:44:42.4-28.34N-55.87E,h9km,ML3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like J05D Fort Rock, OR; O03E Paynes Creek; PRGR Permorgue; etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like KBZ Khabaz; KBZ Khabaz; KIV Kislovodsk; etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like TORD Torodi Ar. Bea; SAML Samuel; CPUP Villa Florida; etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NWF, ENTT, ENT, NWL, ENA.

TAP 13 12:22:21.5, 24:39N, 121:97E, h38km, ML1.9, D, Taiwan

Main table of station data for the Taiwan region, including stations like EWUT, ENA, TWC, NDS, ETL, etc.

IDC 13 13:32:01.3, 3.0, 3.71S; 138.97E, h0km, mb4.0/3, mb1 4.2/5, mb1mx3.8/29, mbtmp4.0/5, ML4.1/2, Error ellipse: s-maj=85.1km s-min=25.4km az=87.0

NEIC 13 13:32:11.7, 1.0, 4.0S; 0.2, 138.7E; 0.1, h82km, 13km, mb4.0/9, Error ellipse: s-maj=30.5km s-min=16.3km az=199.0

ISC 13 13:32:08.1, 1.5, 3.8S; 0.1, 138.9E; 0.2, h50km, n18, c1507/18, Irian Jaya

Table of station data for the Irian Jaya region, including stations like FAKI, WR0, WR4B, WRB, etc.

IDC 13 13:37:26.6, 0.8, 34.09N; 135.14E, h0km, mb3.8/7, mb1 4.1/10, mb1mx3.8/39, mbtmp3.8/10, ML3.4/3, Error ellipse: s-maj=21.2km s-min=19.3km az=51.0

NIED 13 13:37:27.4, 34.20N; 135.13E, h8km, MW3.8, Moment Tensor Solution, s3 Moment tensor; Scale: 0.1N; M=3.66; Mw=1.68; Mw=5.35; Mw=2.26; Mw=1.66; Mw=1.19; Fault plane solution: Ms5.80000*1014 NP1: 0.220,00000, 0.620,00000, 1.126,00000. NP2: 0.343,00000, 0.844,00000, 1.42,00000.

JMA 13 13:37:27.3, 34.20N; 135.13E, h6km, 1km, M4.1 Broadband fault plane solution: P waves. NP1: 0.336,00000, 0.854,00000, 1.41,00000. NP2: 0.219,00000, 0.588,00000, 1.136,00000. Principal axes: T P1g52.0000, Azm185.0000, N P1g38.0000, Azm10.0000, P P1g2.0000, Azm278.0000.

Table of station data for the Honshu region, including stations like JMW, JAWN, JWY, etc.

Table of station data for the HAWAIIAN ISLANDS region, including stations like H1N13, H1S3, H1S1, etc.

ROM 13 13:47:28.9, 0.1, 46.485N; 0.004, 12.817E; 0.009, h11km, Md1.1/2, 3C, Error ellipse: s-maj=0.7km s-min=0.5km az=53.0, Northern Italy

Table of station data for the Northern Italy region, including stations like CLUD, FVI, CSMI, etc.

UCR 13 13:55:11.2, 1.0, 9.56N; 85.88W, h26km, 2km, MW3.8, 5C, Off coast of Costa Rica

Table of station data for the Off coast of Costa Rica region, including stations like INDI, SAJU, GUAI, etc.

FUNV 13 14:01:40.8, 8.51N; 71.41W, h1km, MW3.1 ISC 13 14:01:40.3, 1.4, 8.57N; 0.04, 71.40W; 0.03, h7km, 11km, n25, c098/41, D, Venezuela

Table of station data for the Venezuela region, including stations like SOCV, SDV, CAPV, etc.

IDC 13 14:04:06.0, 8.0, 5.58S; 99.525, 35W, h0km, mb4.7/12, mb1 4.7/13, mb1mx4.6/21, mbtmp4.7/13, ML5.5/1, Ms4.0/8, Ms1 4.0/8, ms1mx3.7/25, Error ellipse: s-maj=19.7km s-min=16.1km az=77.0

NEIC 13 14:04:06.0, 1.4, 5.91S; 0.1, 10.25, 35W; 0.2, h35km, 1km, mb4.9/28, Error ellipse: s-maj=18.2km s-min=14.3km az=217.0

ISC 13 14:04:05.0, 3.0, 5.920S; 0.06, 25.37W; 0.08, h35km, n236, c1822/35, mb4.8/22, MS4.2/8, 1D, South Sandwich Islands region

Table of station data for the South Sandwich Islands region, including stations like HOPE, VNA1, VNA3, etc.

Table of station data for the SNAEA region, including stations like SNAEA, PMSA, EFI, etc.

Table of station data for the SYO region, including stations like SYO, GSPA, GSPA, etc.

Table of station data for the PLCA region, including stations like PLCA, LC01, MAW, etc.

Table of station data for the MAW region, including stations like MAW, BO02, BO02, etc.

Table of station data for the BO01 region, including stations like BO01, PTGB, MT09, etc.

Table of station data for the CPUP region, including stations like CPUP, CPUP, ZON, etc.

Table of station data for the VAO1 region, including stations like VAO1, SC01, BB19, etc.

Table of station data for the VNA region, including stations like VNA, VNA, VNA, etc.

Table of station data for the BOA region, including stations like BOA, JANB, BDFB, etc.

Table of station data for the PB01 region, including stations like PB01, ARAG, LVC, etc.

Table of station data for the PB04 region, including stations like PB04, SALV, SDBA, etc.

Table of station data for the H10S2 region, including stations like H10S2, H10S2, H10S2, etc.

Table of station data for the H10N1 region, including stations like H10N1, H10N1, H10N1, etc.

Table of station data for the H10N2 region, including stations like H10N2, H10N2, H10N2, etc.

Table of station data for the NBVL region, including stations like NBVL, NBMA, VILB, etc.

Table of station data for the PDRB region, including stations like PDRB, SMTB, LPZA, etc.

Table of station data for the TIC region, including stations like TIC, DBIC, DBIC, etc.

Table of station data for the TOAV region, including stations like TOAV, TORO, TORO, etc.

13d 14h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like NWLT, TWA, ETNH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like GAR, BTK, DRK, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like IUG, MNAS, AML, etc.

VAO 13 14:36:50.6, 0.5, 291.71S, 72.44W, h10km, mb4.4
NEIC 13 14:36:51.2, 29.59S, 72.33W, h0km, Moment Tensor
Solution: Moment tensor: Scale 10^15Nm; Mm-3.89;

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like CO05, GO03, VA06, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like LVC, LVC, LVC, etc.

IDC 13 14:59:40.7, 39.4, 0.1577N, 122.91E, h0km, Error ellipse:
s-maj=208.0km s-min=83.3km az=114.0, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like I39PW, I45RU, I44RU, 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 SP5I Sidrap Palu, BK5I Bulukumba, B55I Bau Bau Aluton, etc.

IDC 13 15:04:21.6:2.0, 15:11Sx173.87W, h0km, mb4.0/5, mb1.4/4.5, mb1mx3.9/32, mbtmp4.0/5, MS3.8/15, s-min=117.1km s-max=23.8km az=150.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like AFI Afiamalu, AF1 Af1, AF1 Af1, 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 GUMO Guam, VVDA Vanda, MJAR Matsuiro Arr, etc.

DJA 13 15:20:44.2:1.7, 0.7Sx4.12E, h120km, M2.6/4, MLV2.6/4, IDC 13 15:20:55.5:1.6, 0.78N:125.81E, h0km, mb3.6/4, mb1.3/4, mb1mx3.4/33, mbtmp3.6/4, MS3.9/3, Ms1 3.9/3, ms1mx3.0/33, Error ellipse: s-maj=176.3km s-min=21.0km az=65.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like LUWI Luwuk, WRA Warrungunga Arr, ASAR Alice Springs, etc.

IDC 13 15:28:00.7:10.0, 14:70S:67.817W, h0km, mb3.9/1, mb1.4/1.2, mb1mx3.6/26, mbtmp4.1/2, ML4.3/1, Error ellipse: s-maj=123.0km s-min=81.9km az=20.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like LVC Limon Verde, PB15 IPOC Station P, PB06 IPOC Station P, etc.

ISU 13 15:30:25.40:0.08N:72.13E, h5km, KRNET 13 15:30:25.4:0.1, 40.08N:72.04E, h19km, mb3.0, SOMC 13 15:30:33.4, 40.68N:72.03E, h5km, NNC 13 15:30:35.2, 3.9, 40.66N:72.11E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=30.2km s-min=12.6km az=4.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like FRG Ferguson, DRK Karamyk, ANR Andizhan, 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 IUG luzhnay, IUG Nibek, CHGR Chuayangarr, etc.

IDC 13 15:34:04.3:1.1, 39.46N:29.94W, h0km, mb3.6/5, mb1.3/8.5, mb1mx3.5/37, mbtmp3.6/5, MS3.4/3, Ms1 3.4/3, ms1mx3.0/39, Error ellipse: s-maj=45.0km s-min=16.3km az=180.0

SVA 13 15:34:07.9:1.2, 39.41N:29.89W, h10km, ML3.2(INMG), Error ellipse: s-maj=15.2km s-min=2.9km az=30.0

ISU 13 15:34:05.0:1.9, 39.39N:0.1:29.91W, h0.08, h14km=14km, n19, s147.24, mb3.8/4, MS3.1/3, Azores 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 H07S1 FLORES T-PHASE, H07S1 FLORES T-PHASE, etc.

ISK 13 16:08:57.8, 34.80N:32.09E, h8km, ML3.6/36, NIC 13 16:08:59.1:0.0, 34.96N:32.05E, h14km, 1km, ML3.8/5, DDA 13 16:09:00.2, 35.07N:32.14E, h6km, 1km, MW3.6, IDA 13 16:09:01.2, 35.77N:32.09E, h29km, 47km, mb3.7/6, mb1.3/7.1, mb1mx3.5/43, mbtmp3.7/12, ML3.6/6, MS3.1/1, Ms1 3.0/1, ms1mx2.2/49, Error ellipse: s-maj=21.4km s-min=17.1km az=36.0

GII 13 16:09:02.0:2.0, 34.73N:32.08E, h20km, MD3.2/4, Mm3.3/5

ISU 13 16:09:00.1:1.5, 34.91N:0.03:32.13E, h0.03, h20km=11km, n109, s160/149, mb3.8/6, Cyprus region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like AKMS Akamas, AKMS Akamas, NATA Nata, etc.

13d 17h

Table with columns for station name, frequency, mode, and other technical details. Includes stations like YATNC, NOUC, ONTNC, etc.

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Table with columns for station name, frequency, mode, and other technical details. Includes stations like ILAR, MAW, MAW, etc.

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Table with columns for station name, frequency, mode, and other technical details. Includes stations like 109C, 109C, 109C, etc.

13d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRKS, TRKS, TKM2, CHMS, GAR, DGS, KUU, KK31.

13d 20:24:50.5s-9.8, 38.43N; 13:84E, h308km, 35km, mb3.1/3, mb1 3.0/5, mb1mx2.7/59, mbtbp3.6/5, Error ellipse: s-maj=184.4km s-min=-27.0km az=49.0 ROM 13 20:24:54.0s-0.2, 38.80N; 01:14:97E; 0:02, h288km, 1km, ML3.0/35, Error ellipse: s-maj=2.1km s-min=1.1km az=126.0 ISC 13 20:24:55.1s-1.1, 38.79N; 00:14:99E; 0:08, h282km, 8km, n73, e1527/83, mb3.7/3, 7C-7D, Sicily

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IST3, LLI, IFIL, VPL, MILZ, IACL, MSRU, MUCR, MCSR, NOV, MSFR, AIO, MSCL.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CEL, MNO, GMB, MTTG, EMSC, EPZF, CET2, CAR1, GIB, SOI, GRI, CSLB, MPZ, SPS2, ECNV, CAGR, T0702, BULG, CELI, SERS, RESU, CUC, TDS, MGR, ALJA, MPG, TIP, HLNI, HAGA, SALB, SIRI, MCT, PIPA, MTSN, CORL, LADO.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SSS, RAFF, MCEL, MEU, AG11, TT06, CLTA, HAVL, FAVR, MMGO, MCRV, AMUR, CSP1, STON, MMUR, IDI, GERES, HFS, FINES, MKAR.

SJA 13 20:28:19.3s-0.7, 29.72S; 72:10W, h12km, ML4.3, MW4.1 NEIC 13 20:28:20.4s-2.9, 29.75S; 0:04:72:00W; 0.04, h16km, 6km, mb4.3/1, ML4.4(GUC) Error ellipse: s-maj=6.5km s-min=5.3km az=152.0 IDC 13 20:28:20.6s-1.1, 29.90S; 71:84W, h0km, mb3.6/2, mb1 3.8/5, mb1mx3.6/29, mbtbp3.7/5, ML3.6/3, MS3.1/3, Ms1 3.1/3, ms1mx3.0/27, Error ellipse: s-maj=42.0km s-min=26.1km az=121.0 GUC 13 20:28:23.8s-0.7, 29.84S; 71:78W, h23km, 5km, ML4.4 ISC 13 20:28:21.4s-1.3, 29.81S; 0:02:71:86W; 0.04, h9km, 8km, n96, e218/114, mb4.1/3, 5C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO05, CO06, CO07, CO08, CO09, CO10, CO11, CO12, CO13, CO14, CO15, CO16, CO17, CO18, CO19, CO20, CO21, CO22, CO23, CO24, CO25, CO26, CO27, CO28, CO29, CO30, CO31, CO32, CO33, CO34, CO35, CO36, CO37, CO38, CO39, CO40, CO41, CO42, CO43, CO44, CO45, CO46, CO47, CO48, CO49, CO50, CO51, CO52, CO53, CO54, CO55, CO56, CO57, CO58, CO59, CO60, CO61, CO62, CO63, CO64, CO65, CO66, CO67, CO68, CO69, CO70, CO71, CO72, CO73, CO74, CO75, CO76, CO77, CO78, CO79, CO80, CO81, CO82, CO83, CO84, CO85, CO86, CO87, CO88, CO89, CO90, CO91, CO92, CO93, CO94, CO95, CO96, CO97, CO98, CO99, CO100.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CHGR Chuyangaron, ECSD EROS Data, ACSO Alum Creek Sta, etc.

TUL 13:20:47.22.5s.1.1.36i.69N.0101.98.26W.0.03.1h6km.6km, ML3.1, mb. Lq2.8/34(NEIC), Error ellipse: s-maj=3.1km s-min=1.6km az=97.0

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists numerous stations including Salt Pliers, Carrrier, Grant County, etc.

Table with columns: CCM, Cathedral Cave, Pn, Pn, Time, Residual. Includes stations like T42A Van Buren, LCAR Lake Charles, etc.

JMA 13:20:51.30.1+0.2.30.94N:128.86E, h17km, M7.1 JMA Felt IV J1

NEIC 13:20:51.30.9.31.00N:128.86E, h17km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.0; Ml=0.52; Mm=0.42; Mn=0.14; Mv=1.10; Mw=0.02. Fault plane solution: Ms=1.21000x10^19 Np1=191.64000, etc.

BUI 13:20:51.34.0.0.31.05N:128.75E, h10km, mB6.8/45, mb7.2/6, Mw6.8, Ms7.7.3/83

KMA 13:20:51.34.4.31.00N:128.70E, h15km NEIC 13:20:51.42.31.13N:128.68E, h12km, Moment Tensor Solution. Duration: 116s. Moment tensor: Scale 10^19Nm; Mr=0.35; Ml=0.79; Mm=0.44; Mn=0.12; Mw=1.55; Mw=0.17; etc.

ISC 13:20:51.35.9.1.30.86N:011.28.79E.0.01.1h10km, I10km;P-P:217.0, -28.68/193.1, mb6.2/417, M5.7/0.343, 161C-177D, Fault plane solution: NP1=30.99638, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like JSJ Shimokoshiki, JKC Kuchinoerabu, etc.

Table with columns: GMBD Geomundo, SNR=96, P, Pn, Time, Residual. Lists numerous stations including GMBD Geomundo, YNDB Yeondo, JTU Tsushima, etc.

MNYD	Munyeodo	5.30 339	P	Pn	20 52 52.0	-3.1	INCN	Inchon	6.83 346	Pn	Pn	20 54 43.5	+9.5	comp=Z,10nm,0.3s,baz=313,slow=8.0,SNR=2.4	JCJ	Chichijima	12.36 104	P	Pn	20 54 24.6	-7.3
MNYD	Munyeodo	5.30 339	P	Pn	20 52 51.1	-4.0	INCN	Inchon	6.83 346	Pn	Pn	20 53 10.9	-5.3	comp=Z,194um,22.0s,baz=284,slow=35	JCJ	Chichijima	12.36 104	P	Pn	20 54 35.1	+3.1
KSPHA	Pohang	5.35 6	P	Pn	20 52 53.0	-2.8	KJSM	Kasumi	6.85 45	P	Pn	20 53 15.2	-1.2	comp=Z,2538um,9.2s	WHN	Whan	12.38 272	↑P	Pn	20 54 33.8	+1.5
KSPHA	Pohang	5.35 6	P	Pn	20 53 01.0	+5.2	KSSOD	Songwoldong	6.85 348	P	Pn	20 53 19.1	+2.6	comp=Z,2008um,12.9s	WHN	Whan	12.38 272	↑P	Pn	20 54 33.8	+1.5
KSCPR	CHUPUNGNYEONG5.39 353	P	Pn	20 52 53.4	-3.0	KSCCH	Chuncheon	6.94 354	P	Pn	20 53 15.0	-2.7	comp=Z,79nm,1.3s	VLA	Vladivostok	12.49 111	eP	Pn	20 54 32.9	-0.8	
KSCPR	CHUPUNGNYEONG5.39 353	P	Pn	20 52 52.6	-3.7	KSCCH	Chuncheon	6.94 354	P	Pn	20 53 15.0	-3.7	comp=Z,279nm,1.10s	VLA	Vladivostok	12.49 111	eP	Pn	20 54 32.9	-0.8	
KSGUN	GUNSAN	5.42 343	P	Pn	20 52 55.8	-0.9	GAPB	Gapyeong	7.04 352	P	Pn	20 53 16.0	-3.1	comp=Z,3307um,12.0s	USAOB	Ussuriysk Arra	13.56 10	P	Pn	20 54 39.0	-9.3
JMZ	Minamidaito 2	5.48 156	Pn	Pn	20 52 54.3	-3.3	KSGAI	Ganghwa	7.09 345	P	Pn	20 53 17.2	-2.5	comp=Z,1497um,18.4s	USAOB	Ussuriysk Arra	13.56 10	P	Pn	20 54 39.0	-9.3
KSEU	ULSEONG	5.48 360	P	Pn	20 52 54.3	-3.3	KSGAI	Ganghwa	7.09 345	P	Pn	20 53 17.2	-2.5	comp=Z,2665um,15.8s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
EUSB	Uiseong	5.48 360	P	Pn	20 52 55.0	-2.7	KSGAI	Ganghwa	7.09 345	P	Pn	20 53 22.0	+2.4	comp=Z,1643um,17.5s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
EUSB	Uiseong	5.48 360	P	Pn	20 53 01.0	+3.3	KSGAI	Ganghwa	7.09 345	P	Pn	20 53 22.0	-3.5	comp=Z,1497um,18.4s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
OKCB	Cheongsan-myeo	5.53 352	P	Pn	20 52 55.0	-3.3	JWT	Wachi	7.12 50	P	Pn	20 53 17.1	-3.1	comp=Z,289um,11.0s	USAOB	Ussuriysk Arra	13.56 10	P	Pn	20 54 39.0	-9.3
OKCB	Cheongsan-myeo	5.53 352	P	Pn	20 53 01.0	+2.7	JWT	Wachi	7.12 50	Pn	Pn	20 53 12.8	-7.4	comp=Z,1372um,15.7s	USAOB	Ussuriysk Arra	13.56 10	P	Pn	20 54 39.0	-9.3
JHS	Saiyo	5.53 41	Pn	Pn	20 52 52.2	-6.2	KSIJA	INJE	7.13 356	P	Pn	20 53 18.1	-2.2	comp=Z,35um,8.4s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
KSADO	Andong	5.54 2	P	Pn	20 52 55.0	-3.5	KSIJA	INJE	7.13 356	P	Pn	20 53 23.6	+3.3	comp=Z,952um,13.7s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
KSADO	Andong	5.54 2	P	Pn	20 53 02.0	+3.6	KSDCC	Dongducheon	7.16 349	P	Pn	20 53 24.0	+3.4	comp=Z,2391um,14.1s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
KSSAJ	Sangju	5.55 355	P	Pn	20 52 55.0	-3.7	KSDCC	Dongducheon	7.16 349	P	Pn	20 53 17.8	-2.8	comp=Z,1372um,15.7s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
KSSAJ	Sangju	5.55 355	P	Pn	20 53 00.6	+2.0	YDPB	Yeonpyeongdo	7.18 340	P	Pn	20 53 23.0	+2.0	comp=Z,289um,11.0s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
BUYB	Buyeo	5.61 345	P	Pn	20 52 57.0	-2.4	YDPB	Yeonpyeongdo	7.18 340	P	Pn	20 53 18.0	-3.0	comp=Z,1497um,18.4s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
BUYB	Buyeo	5.61 345	P	Pn	20 52 59.0	-0.3	KSMUS	Musan	7.20 347	P	Pn	20 53 18.7	-2.5	comp=Z,2665um,15.8s	USRK	Ussuriysk Ar.	13.56 10	Pn	Pn	20 54 47.8	-0.6
TJN	Taejon	5.62 349	eP	Pn	20 52 56.1	-3.4	KSMUS	Musan	7.20 347	P	Pn	20 53 17.5	-3.7	comp=Z,35um,8.4s	MDJ	Mudanjiang	13.75 3	P	Pn	20 54 49.4	-1.5
TJN	Taejon	5.62 349	eP	Pn	20 52 57.6	-1.9	KSMUS	Musan	7.20 347	P	Pn	20 53 21.9	+0.7	comp=Z,952um,13.7s	MDJ	Mudanjiang	13.75 3	P	Pn	20 54 49.4	-1.5
KSBOE	Boeun	5.68 352	P	Pn	20 52 58.7	-1.5	KSCWO	Cheorwon	7.28 352	P	Pn	20 53 26.3	+4.0	comp=Z,2391um,14.1s	MDJ	Mudanjiang	13.75 3	P	Pn	20 54 49.4	-1.5
KSBOE	Boeun	5.68 352	P	Pn	20 52 56.7	-3.6	KSCWO	Cheorwon	7.28 352	P	Pn	20 53 18.8	-3.5	comp=Z,101um,10.6s	MDJ	Mudanjiang	13.75 3	P	Pn	20 54 49.4	-1.5
YODB	Yeongdeok	5.69 6	P	Pn	20 53 06.1	+5.6	YNCB	YEONCHEON	7.32 349	P	Pn	20 53 20.3	-2.5	comp=Z,701um,13.4s	MDJ	Mudanjiang	13.75 3	P	Pn	20 54 49.4	-1.5
PORA	Boryeong	5.75 342	P	Pn	20 53 04.0	+2.7	HWCB	Hwacheon	7.40 353	P	Pn	20 53 21.0	-3.0	comp=Z,101um,10.6s	MDJ	Mudanjiang	13.75 3	P	Pn	20 54 49.4	-1.5
PORA	Boryeong	5.75 342	P	Pn	20 52 59.0	-2.2	SEHB	SEOHWA	7.40 357	P	Pn	20 53 21.5	-2.5	comp=Z,701um,13.4s	MDJ	Mudanjiang	13.75 3	P	Pn	20 54 49.4	-1.5
KOJ2	Gongju-si	5.75 347	P	Pn	20 53 05.0	+3.6	KSSCK	Seohwa	7.42 359	P	Pn	20 53 25.5	+1.4	comp=Z,289um,11.0s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KOJ2	Gongju-si	5.75 347	P	Pn	20 52 59.0	-2.3	JFM	Mihama	7.65 51	P	Pn	20 53 26.3	-1.2	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
OYDB	Oyeondo	5.80 338	P	Pn	20 53 01.0	-1.0	DACB	Daechong-do R	7.71 336	P	Pn	20 53 28.1	-0.2	comp=Z,385um,13.0s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
OYDB	Oyeondo	5.80 338	P	Pn	20 52 58.0	-4.0	DACB	Daechong-do R	7.71 336	P	Pn	20 53 28.1	-0.2	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSMGY	Mungyeong	5.81 355	P	Pn	20 52 57.9	-4.3	KSBAR	Backryungdo	7.84 336	P	Pn	20 53 26.9	-3.0	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSMGY	Mungyeong	5.81 355	P	Pn	20 52 58.4	-3.7	JAA	Atsumi	8.02 60	P	Pn	20 53 31.6	-0.9	comp=Z,305um,12.0s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSULJ	Ulsan	5.86 5	P	Pn	20 52 60.0	-2.8	YOJ	Yonaguni jima	8.14 220	P	Pn	20 53 32.5	-1.7	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSULJ	Ulsan	5.86 5	P	Pn	20 53 08.0	+5.2	YOJ	Yonaguni jima	8.14 220	P	Pn	20 53 32.5	-1.7	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
YOJB	Youngju	6.00 358	P	Pn	20 53 10.0	+5.3	YOJ	Yonaguni jima	8.14 220	P	Pn	20 53 38.9	+4.7	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
YOJB	Youngju	6.00 358	P	Pn	20 53 01.5	-3.3	JYTA	Yamagatanai	8.20 53	P	Pn	20 53 32.6	-2.3	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSCHJ	Chungju	6.03 354	P	Pn	20 53 02.0	-3.2	INU	Inuyama	8.27 55	P	Pn	20 53 38.9	+4.7	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSCHJ	Chungju	6.03 354	P	Pn	20 53 08.0	+2.8	INU	Inuyama	8.27 55	P	Pn	20 53 28.1	-0.2	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
CHYB	Chungyang	6.07 1	P	Pn	20 53 01.1	-4.6	NJ2	Nanjing	8.52 281	↑P	Pn	20 53 39.7	+0.3	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
CHYB	Chungyang	6.07 1	P	Pn	20 53 02.1	-3.7	NJ2	Nanjing	8.52 281	↑P	Pn	20 53 43.8		comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
CHYB	Chungyang	6.07 1	P	Pn	20 53 11.1	+5.4	NJ2	Nanjing	8.52 281	↑P	Pn	20 55 12.9	-2.7	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSCEA	Cheonan	6.07 349	P	Pn	20 53 02.3	-3.4	JYZW	Yoshizawa	8.62 59	P	Pn	20 53 38.6	-2.1	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSCEA	Cheonan	6.07 349	P	Pn	20 53 06.0	+0.3	JGF	Kuroka	8.63 55	P	Pn	20 53 47.7	-6.3	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSCEA	Cheonan	6.07 349	P	Pn	20 53 04.0	-2.7	TATO	Taipei	8.68 229	pPn	Pn	20 53 48.6	+7.0	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
UJN	Ulsan	6.14 5	P	Pn	20 53 11.0	+4.3	TATO	Taipei	8.68 229	pPn	Pn	20 53 40.0	-1.6	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
UJN	Ulsan	6.14 5	P	Pn	20 53 05.0	-2.7	JSG	Sagara	8.82 62	P	Pn	20 53 36.8	-6.6	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSSSE	Seosan	6.21 343	P	Pn	20 53 08.0	+0.3	JNY	Yasuok	8.87 57	P	Pn	20 53 41.8	-2.5	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSSSE	Seosan	6.21 343	P	Pn	20 53 05.0	-2.7	JGN	Niukaw	8.94 51	P	Pn	20 53 43.1	-2.1	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSSSE	Seosan	6.21 343	P	Pn	20 53 08.0	+0.3	YHNB	Yeheng	8.97 228	P	Pn	20 53 42.7	-2.9	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSTBA	Taebaek	6.25 2	P	Pn	20 53 05.1	-3.1	JHJ	Hakui	9.02 46	P	Pn	20 53 49.3	+3.7	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSTBA	Taebaek	6.25 2	P	Pn	20 53 12.9	+4.7	JTT	Tatey	9.17 49	P	Pn	20 53 45.0	-1.1	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
PYTK	Pyeongtaek	6.26 348	P	Pn	20 53 04.9	-3.4	NACB	Ninganchiao	9.19 225	P	Pn	20 53 46.4	-2.2	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
JECH	Jecheon	6.30 356	P	Pn	20 53 14.2	+5.3	JNG	Nsakai	9.57 52	P	Pn	20 53 52.2	-1.6	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
JECH	Jecheon	6.30 356	P	Pn	20 53 06.0	-2.9	AJI	Ajiro2	9.65 62	P	Pn	20 53 53.1	-1.8	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSVOY	Yeongwol	6.30 358	P	Pn	20 53 05.6	-3.4	JHJ	Hachijo jima 2	9.65 74	Pn	Pn	20 53 55.4	+0.5	comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSGBI	Gyogyobaldo	6.33 336	P	Pn	20 53 08.3	-1.0	JHJ	Hachijo jima 2	9.65 74	Pn	Pn	20 53 43.8		comp=Z,101um,10.6s	JTM	Taibayashi	14.07 42	↑P	Pn	20 54 03.1	-12
KSGWL	Sabuk	6.33 1	P	Pn	20 53 15.5	+6.2	MJAR	Matsushiro Arr	9.71 52	P	Pn	20 53 48.2	-7.0	comp=Z,101um,							

Table with columns for station name, frequency, polarization, and signal strength. Includes stations like YUK, YSS, YUA, YUH, YUZ, etc.

Table with columns for station name, frequency, polarization, and signal strength. Includes stations like KMI, DMPH, DAV, etc.

Table with columns for station name, frequency, polarization, and signal strength. Includes stations like PET, YAK, YAM, etc.

13d 20h

Table with columns: BRVK, Borovoye, 47.27 316, i P, P, 21 00 07.7 -1.5, etc. Lists various radio stations and their frequencies.

2015 NOV

Table with columns: CTAO, Charters Tower, 53.38 159, P, MLR, 21 00 51.7 -4.1, etc. Lists various radio stations and their frequencies.

836

Table with columns: P19K, Oil Pt, 57.98 36, P, P, 21 01 28.5 0.0, etc. Lists various radio stations and their frequencies.

841

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like CEY Cerknica, IMVA Makarska, and many others.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like SNF Senefte, BAHR High School, and many others.

13d 20h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like NRS Narsarsuaq, SMF Signal de Mont, and many others.

Table with columns: Station Name, Azimuth, Phase, Op, ISC, h, m, s, Res. Includes stations like Santo Domingo, Santa Helena, Ciudad Bolivar, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Op, ISC, h, m, s, Res. Includes stations like DPC, OSTO, Copiap, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Op, ISC, h, m, s, Res. Includes stations like G003, AC04, VAC0, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Op, ISC, h, m, s, Res. Includes stations like PRU, LANS, KRCL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like NVAR Mina Array Bea, NVAR Little Huntoon, KVN Kaiserville, etc.

13D 13:21:59.9, 1.1, 30.95Nk:128:29E, h0km, mb3.5/5, mb1 3.6/8, mb1mx3.4/4, mbtmp3.5/8, ML4.0/2, Error ellipse: s-maj=30.3km s-min=20.6km az=77.0

JMA 13:21:16.00:0.0, 5.31:26Nk:128:73E, h14km, M3.9, ISC 13:21:16.03:0.0, 9.31:22Nk:128:91E, 0.10, h35km, n15, +181B, mb3.5/5, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like JSJ Shimokoshihiki, JKC Kuchinoerabu, JFU Fukue jima 2, etc.

JMA 13:21:17:20.9, 0.3, 30.86Nk:128:55E, h1km, 3km, M5.2, JMA Feil II J1, IDC 13:21:17:23.7, 0.5, 30.91Nk:128:56E, h0km, mb4.3/26, mb1 4.5/32, mb1mx4.4/49, mbtmp4.3/32, ML3.8/5, M5.5/1, Ms1 5.5/1, ms1mx4.8/42, Error ellipse: s-maj=16.0km s-min=11.8km az=86.0

MOS 13:21:17:25.9, 0.1, 3.31:04Nk:128:69E, h17km, mb4.8/27, Error ellipse: s-maj=8.4km s-min=4.6km az=91.8, BUJ 13:21:17:25.9, 0.1, 30.83Nk:128:72E, h14km, mb4.8/23, ML4.8/2

NEIC 13:21:17:26.6, 1.9, 31.02Nk:128:80E, 0.07, h10km, 1km, mb4.9/77, Error ellipse: s-maj=10.5km s-min=8.8km az=130.0

ISC 13:21:17:27.4, 1.3, 30.96Nk:128:76E, 0.03, h16km, 8km, n297, +162/283, mb4.8/106, 21C-29D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like JSJ Shimokoshihiki, JKC Kuchinoerabu, JNN Nakanoshima, etc.

Table with columns: SSE, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like KSAR Wonju Array Be, KSAR Wonju Array Be, KSRS Korea Array, etc.

Table with columns: KKN, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like KKN Kakani, DMN Daman, GKN Gorkha, etc.

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

FUNUV 13 21:56:09.9, 8.44N, 71.42W, h5km, MW3.3

ISC 13 21:56:08.4, 1.3, 8.48N, 0.04, 71.38W, 0.02, h3km, 11km, n25, c1507/43, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Socops, Santo Domingo, Capacho, etc.

ISC 13 22:12:21.3, 0.9, 16.00S, 172.49W, h0km, mb3.9/7, mb1 4.1/8, mb1mx3.9/39, mbtmp3.9/8, ML4.0/1, Error ellipse: s-maj=42.1km s-min=18.8km az=122.0

NEIC 13 22:12:22.0, 1.3, 15.99S, 0.06, 172.2W, 0.1, h10km, 1km, mb4.5/11, Error ellipse: s-maj=17.6km s-min=8.5km az=110.0

NOU 13 22:12:44.2, 14.71S, 172.07W, h9km, MLV3.7/4, Samoa Islands

ISC 13 22:12:25.3, 0.6, 16.00S, 0.07, 172.24W, 0.09, h41km, n25, c1525/26, mb4.0/13, Samoa Islands region

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

GERES GERESS Array B 146.89 353 PKPbc PKIKP comp=2.0, 2.1nm, 0.3s, baz=35, slow=3.6, SNR=2.4

JMA 13 22:14:21.3, 0.4, 31.31N, 128.85E, h4km, M4.3

NEIC 13 22:14:21.8, 2.1, 31.13N, 0.06, 128.75E, 0.06, h10km, 1km, mb4.4/21, Error ellipse: s-maj=10.1km s-min=8.2km az=163.0

IDC 13 22:14:21.2, 2.0, 8.1, 31.08N, 128.36E, h0km, mb3.9/9, mb1 4.0/15, mb1mx3.8/61, mbtmp3.9/15, ML3.2/4, Error ellipse: s-maj=22.2km s-min=15.7km az=81.0

ISC 13 22:14:21.4, 0.5, 31.21N, 0.04, 128.77E, 0.05, h6km, n64, c1544/63, mb4.3/18, Northwest of Ryukyu Islands

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

ISC 13 22:25:50.7, 0.9, 31.11N, 128.55E, h0km, mb3.3/2, mb1 3.6/4, mb1mx3.3/48, mbtmp3.5/4, ML3.8/2, Error ellipse: s-maj=19.2km s-min=13.2km az=113.0

JMA 13 22:25:50.4, 0.2, 31.21N, 128.66E, h5km, M3.8

ISC 13 22:25:51.5, 1.2, 31.18N, 0.08, 128.75E, 0.07, h10km, n8, c1504/10, Northwest of Ryukyu Islands

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

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

IDC 13 22:50:23.7, 1.1, 31.15N, 128.44E, h0km, mb3.4/5, mb1 3.7/8, mb1mx3.5/48, mbtmp3.6/8, ML3.6/3, Error ellipse: s-maj=28.6km s-min=19.7km az=84.0

JMA 13 22:50:24.6, 0.4, 31.30N, 128.76E, h19km, 4km, M3.9

ISC 13 22:50:24.9, 0.0, 31.26N, 0.05, 128.80E, 0.07, h10km, n14, c1520/17, mb3.6/5, 1D, Northwest of Ryukyu Islands

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

DJA 13 22:57:23.4, 0.4, 7.8'S, 107E, h118km, 4km, M4.2/13, mb4.8/3, MLV3.9/13, Jawa

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

IDC 13 22:59:18.8, 7.1, 46.21N, 143.04E, h355km, 71km, mb2.9/4, mb1 3.0/6, mb1mx2.8/52, mbtmp3.7/6, Error ellipse: s-maj=66.6km s-min=49.1km az=51.0

JMA 13 22:59:20.3, 0.3, 45.92N, 143.07E, h347km, M3.3

ISC 13 22:59:18.3, 1.4, 46.02N, 0.09, 143.0E, 0.1, h341km, n17, c1585/21, mb3.0/4, Sakhalin Island

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

FUNUV 13 23:10:12.5, 8.48N, 71.44W, h5km, MW3.0

ISC 13 23:10:11.9, 1.2, 8.51N, 0.03, 71.42W, 0.03, h5km, 11km, n28, c1502/45, 1C, Venezuela

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like BARC Barichara, SMLC San Martin de, SIQV Siquisique, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like SJCC comp=Z,67nm,0.5s, PLMC San Jos del P, MACC Macarena, Meta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like JTN, JTZ Takazaki, JIU3 Izumi3, JNU Nakatsue, etc.

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

14d 01:12:46.8:55.0, 18.10s, 179.85E, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.7/4.2, mbmt3.9/3, Error ellipse: s-maj=997.2km s-min=91.8km az=78.0, Fiji Islands

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

MDD 14 01:14:26.9:0.4, 39.73N, 0.59W, h11km, mbLg2.1/22, Error ellipse: s-maj=4.2km s-min=2.4km az=121.0, PRXIMO, Spain

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

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

NNC 14 01:21:24.7:3.2, 36.81N, 70.82E, h139km, 74km, mb3.1, mp3.9, Error ellipse: s-maj=32.6km s-min=22.6km az=39.0

ISC 14 01:21:24.5:3.7, 36.8N, 0.2x70.9E, 0.2, h150km, n9, 0.51/1.1, 1C-5D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML, UCH, EKS2, etc.

JMA 14 01:24:49.1:0.4, 31.17N, 128.63E, h1km, 4km, M3.8, IDC 14 01:24:49.7:2.1, 31.19N, 128.63E, h0km, mb3.4/3, mb1.3/5.4, mb1mx3.3/3.3, mbmt3.4/4, ML3.5/1, Error ellipse: s-maj=69.5km s-min=26.0km az=75.0

ISC 14 01:24:50.6:1.0, 31.16N, 0.05s, 128.72E, 0.06, h10km, n12, 0.694/1.5, mb3.3/3, Northwest of Ryukyu Islands

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

Solution. Moment tensor: Scale 10^15Nm; Mr=1.41; Mw=0.14; Mw1.54; Mw0.91; Mw1.86; Mw1.24; Fault plane solution: M2, B3000-1015 NP1: s=20.45000°, 627.63000°, A-107.22000°, NP2: s=219.74000°, 663.71000°, A-81.19000°. Principal axes: P 3.2468, Plg18.0000°, Azm30.0000°, N -1.3210, Plg8.0000°, Azm36.0000°, P -1.9258, Plg70.0000°, Azm148.0000°, IDC 14 01:25:13.0:0.6, 35.025S, 73.68W, h0km, mb4.2/1.4, mb1.4/3.17, mb1mx4.3/2.8, mbmt4.2/1.7, ML4.4/3, MS3.7/3, m=1.3, 3.7s, m1mx3.4/2.6 Error ellipse: s-maj=25.3km s-min=13.6km az=90.0

VAO 14 01:25:16.2:0.6, 34.925S, 73.63W, h12km, mb4.5, ISC 14 01:25:13.1:0.5, 34.945S, 0.04, 73.83W, 0.05, h10km, n132, 0.201/127, mb4.3/19.6, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G005, G005, G005, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Palmer Station, Serrano Nova Dou, Tabatinga, etc.

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

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

KRSC 14 01:57:31.2-11.55:55N-161.21E, h156km, 10km, ML4.0, Near east coast of Kamchatka Peninsula

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

RSNC 14 01:59:17.0-11.6:506N-74.68W, h12km, 3km, ML3.6, Mw3.8, 2C-10D, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROSC, NORC, GUY2, etc.

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

IDC 14 02:07:18.3-5.7, 20:39S; 169:39E, h128km, 40km, mb3.4/3, mb1 3.6/5, mb1mx3.4/40, mbtmp3.9/5, Error ellipse: s-maj=53.9km s-min=27.0km az=32.0

NOU 14 02:07:19.0, 20:43S; 169:50E, h63km, MLV4.4/8, Vanuatu

ISC 14 02:07:14.7-1.4, 20:3S, 0.2-169:6E, 0.1, h100km, n23, c2512/3, mb3.7/3, Vanuatu Islands

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

ISC 14 02:09:52.9-0.8, 31:00N, 0.05-128:73E, 0.08, h10km, n23, c2520/22, mb3.6/6, MS3.6/4, 1D, Northwest of Ryukyu Islands

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

IDC 14 02:12:21.4, 1.1, 60:47N, 140:98W, h0km, mb4.0/4, mb1 4.0/8, mb1mx3.6/49, mbtmp3.9/8, ML3.5/4, MS3.5/4, Ms1 3.5/4, ms1mx3.1/44, Error ellipse: s-maj=20.3km

Solution. Moment tensor: Scale 10¹⁵Nm; M_{rr}=1.07; M_{θθ}=1.06; M_{φφ}=0.01; M_{θφ}=0.09; M_{φθ}=0.25; M_{φr}=0.37; Fault plane solution: M₁:16000°1015 NP1_φ:265.33000°, 547.95000°λ-115.16000°λ. NP2_φ:120.37000°, 547.77000°λ-64.76000°λ. Principal axes: T:1.1190, Plg0.0000°, Azm13.0000°; N:0.0792, Plg18.0000°, Azm283.0000°; P:-1.1982, Plg72.0000°, Azm103.0000°; AEIC 14 02:12:22.4+1.6, 60.43N, 0.04-141.20W, 0.06, h13km, 5km, ML3.7/114, ML3.9/114(NEIC), Mwr4.0/46(NEIC) Error ellipse: s-maj=6.1km s-min=3.7km az=204.0

ISC 14 02:12:22.2+0.6, 60.41N, 0.02-141.20W, 0.02, h16km, 5km, n207, r1516/211, mb4.0/4, Southeastern Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists various seismic stations and their parameters.

Table with columns: KLU Klutina, FID FID, HIN HIN, PS11 L27K, L27K BC03, GCAR JPK, HARP HARP, MENT MENT, L26K L26K, M24K M24K, M30M M30M, SKAG WHY, WHY PAX, PAX SCM, SCM, DOT PWL, PWL, KNK KNK, BESE SML, SML M31M, M31M, RIDG RIDG, DAWY DAWY, SCRK SCRK, WAT6 WAT6, WAT6 DHY, DHY GHO, GHO, PMR PMR, JIS P33M, P33M, R0C1 R0C1, J26L WAT1, WAT1, J29M EGAK, EGAK, EGAK, WAT7 RND, RND, CUT HDA, HDA, PS08 MCK, MCK, MCK, IL31 ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, WRH WRH. Lists seismic stations and their parameters.

Table with columns: CCB TRF, TRF TRF, TRF, SPU BWN, COLA TCLO, PRP PRP, PRP POKR, NEA2 KTH, MDM S70, PPLA PPLA, PPLA BPAW, BPAW CAST, DLBC DLBC, I23K I23K, H24K CHUM, CHUM EPYK, MLY MLY, MLY L20K, L20K KDAK, KDAK KDAK, KDAK KDAK, H23K H23K, H23K I21K, I21K J20K, J20K J20K, J20K BMAW, BMAW H21K, H21K TTA, TTA COLD, COLD IMAR, IMAR INK, INK INK, INK INK, INK A36M, A36M A36M, A36M NVAR, NVAR FINES, FINES, FINES ESDD, ESDD ESDD, ESDD. Lists seismic stations and their parameters.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like PINNC Pines Island, DZM Mont Dzumac, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like ORV Oroville, CMB Columbia, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like OK029 Liberty Lake, QUOK Quay, etc.

NIED 14 02:51:28.7, 31.40N:128.77E, h8km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn:0.7; Mw:0.44; Mww:0.06; Mw:0.12; M3:3.71; Mw:0.07; Fault plane solution: M3:7.2000x10^14 NP1:0.88,00000*, 0.88,00000*, 1.2,0.00000*. NP2:0.178,00000*, 0.88,00000*, 1.178,00000*

JMA 14 02:51:28.7, 31.40N:128.77E, h8km, 2km, M3.5, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Time, Res, Phase ID. Includes stations like JSJ Shimokoshihiki, JSU Fuku jima 2, etc.

IASPEI 14 03:46:49.1±1.1, 37.021N:0.03-97.93W:0.03, h10km, 7km, Error ellipse: s-maj=4.2km s-min=3.9km az=108.9, GtMs 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

ANF 14 03:46:49.9±0.4, 37.02N:97.91W, h6km, ML3.2/9, Error ellipse: s-maj=3.9km s-min=3.6km az=26.0

NEIC 14 03:46:49.5±1.0, 37.02N:0.04-97.92W:0.05, h5km, 5km, mb_Lg2:7.26, ML2:8.23, Error ellipse: s-maj=6.4km s-min=5.2km az=207.0

NEIC 14 03:46:49.3±1.0, 37.02N:0.04-97.94W:0.05, h4km, 5km, Error ellipse: s-maj=6.3km s-min=5.6km az=205.0

ISC 14 03:46:49.5±0.9, 37.01N:0.02-97.93W:0.02, h8km, 6km, n67, n058/70, Kansas

Table with columns: Code, Station Name, Time, Res, Phase ID. Includes stations like KAN14 Manchester OK, KAN15 Bluff City North, etc.

14 03:48:13.9±1.4, 8.62N:71.48W, h0km, mb3.5/1, mb1 3.8/3, mb1mx3.4/31, mb1mp3.7/3, ML2.7/2, MS2.7/1, Ms1 2.7/1, ms1mx4.2/4, Error ellipse: s-maj=43.5km s-min=11.2km

ISC 14 03:48:10.4±1.4, 8.58N:0.04-71.47W:0.03, h1km, 10km, n34, c191/52, Venezuela

Table with columns: Code, Station Name, Time, Res, Phase ID. Includes stations like SOCV Socops, SDV Santo Domingo, etc.

NIED 14 03:51:50.9, 31.19N:128.68E, h13km, MW4.6, Moment

14 2h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Alice Springs, Makanchi Array, Kurchatov Arra, etc.

IDC 14 04:03:01.5:6.9,18185:174.76W,h198km,31km, mb3.7/3,mb1 3.9/4,mb1mx3.3/3,mbmp4.2/4, Error ellipse: s-maj=196.2km s-min=20.0km az=140.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Afiamalu, Warrungarra Arr, Alice Springs, etc.

RSNC 14 04:25:07.2:1.5,6.90N:73.11W,h156km,6km,ML3.2, Mw3.5,5C-4D, Fault plane solution: NP1:phi=91.000000°, delta=89.000000°, lambda=82.000000°, Northern Colombia

Main table of station data for the first section, including codes, station names, coordinates, and timing information.

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Mn=1.66; Msa=1.61; Mko=0.05; Mro=0.81; M1=2.3; Mr=1.12; Fault plane solution: M2.46000x1015 NP1: phi=271.000000°, delta=857.000000°, lambda=47.000000°, NP2:phi=32.000000°, delta=20.000000°, lambda=136.000000°. IDC 14 04:29:24.1:0.8,30.83N:128.59E,h0km,mb3.9/9, mb1 4.1/14,mb1mx3.9/41,mbtmp3.9/14,ML3.5/5,MS3.4/15, MS1 3.4/15,ms1mx3.2/51, Error ellipse: s-maj=23.6km s-min=16.5km az=85.0. JMA 14 04:29:24.0:0.4,30.80N:128.66E,h5km,M3.9 NEIC 14 04:29:25.9:1.9,30.92N:0.07:128.69E:0.08,h10km,1km, mb4.2/11, Error ellipse: s-maj=13.7km s-min=10.4km az=1.0.

IDC 14 04:29:25.0:0.6,30.78N:0.06:128.71E:0.06,h10km,n49, s15140.0,mb3.9/15,MS3.5/11,Northwest of Ryukyu Islands

Main table of station data for the second section, including codes, station names, coordinates, and timing information.

IDC 14 04:45:43.9:1.4,1.42N:100.10E,h190km,23km,mb3.5/5, mb1 3.6/5,mb1mx3.1/49,mbtmp4.0/5, Error ellipse: s-maj=164.0km s-min=15.5km az=53.0. DJA 14 04:45:20.0:6.1,N4.4x10^0E°,h174km,5km,M3.7/7, MLV3.7/7

ISC 14 04:45:43.5:0.9,1.28N:0.06:99.82E:0.08,h193km,7km, n14, c087/21,mb3.8/5,Northern Sumatara

Main table of station data for the third section, including codes, station names, coordinates, and timing information.

854

Mn=1.59; Msa=1.92; Mko=0.33; Mro=0.58; M1=3.06; Mr=1.74; Fault plane solution: M3.98000x1014 NP1:phi=17.000000°, delta=68.000000°, lambda=147.000000°, NP2:phi=274.000000°, delta=60.000000°, lambda=25.000000°. JMA 14 04:47:05.3:0.4,30.80N:128.52E,h9km,M3.6, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kuchinoerabu, Nakanoshima, Suzuyama, etc.

NOU 14 04:48:46.4:4.7:53.5S:179.30E,h151km,MLV4.2/6, Off E. Coast of N. Island, N.Z. WEL 14 04:48:50.5:1.3,37°S:10°17'9"E°,h33km,M3.7/15, ML4.0/15,MLV3.7/15, Error ellipse: s-maj=0.0km s-min=0.0km az=174.7. ISC 14 04:48:47.1:2.9,37.37S:0.08:179.2E:0.1,h50km,23km, n106, s1547/115, Off east coast of North Island

Main table of station data for the third section, including codes, station names, coordinates, and timing information.

NIED 14 04:29:24.0,30.80N:128.67E,h5km,MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 1015N;

NIED 14 04:47:05.3,30.80N:128.53E,h9km,MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 1014N;

VIE 14 04:51:36.7:0.3,47.33N:11.62E,h4km,1km,mb1.7/12, ml2.3/17, Error ellipse: s-maj=2.3km s-min=1.0km az=30.0. 7 km WSW of Schwaz left 4 ems98 near Wattens / Tyrol STR 14 04:51:37.2:1.1,47°N:12°1'2"E°,h5km,MLV2.6/6, preliminary LDG 14 04:51:38.6:0.2,47.31N:11.65E,h2km,M2.3/12, Error ellipse: s-maj=3.3km s-min=2.8km az=132.0. ROM 14 04:51:38.2:0.2,47.23N:0.008:11.66E:0.02,h2km, ML1.9/11, Error ellipse: s-maj=1.3km s-min=0.9km az=256.0. PRU 14 04:51:38.0:0.0,47.33N:11.77E,h0km,Schwaz

14d 5h

OHH	baz=75		∩/S	Sg	05 10 42.7 +0.7
TRKS	Terek-Say	1.19 267	∩/P	Pb	05 10 28.4 -1.5
TRKS	baz=63		∩/S	Pb	05 10 44.1 -1.3
MRKS	Merke	1.20 18	eP	Pn	05 10 31.3 +1.0
MRKS	5.8nm,0.1s		eS	Sn	05 10 47.4 +0.7
MRKS	40nm,0.3s		eS	Pn	05 10 30.5 +0.2
MRKS	Merke	1.20 18	eP	Pn	05 10 30.5 +0.2
MRKS	5.8nm,0.1s		S	Sn	05 10 45.6 -1.1
MRKS	40nm,0.3s		eS	Pn	05 10 30.5 +0.2
MRKS	Merke	1.20 18	eP	Pn	05 10 30.5 +0.2
MRKS	baz=20		eS	Sn	05 10 45.6 -1.1
EKS2	Erkin-Say	1.32 36	∩P	Pg	05 10 32.4 -0.2
EKS2	7.0nm,0.2s,SNR=11		∩/S	Pg	05 10 32.1 -0.5
EKS2	Erkin-Say	1.32 36	∩P	Pg	05 10 32.1 -0.5
EKS2	baz=36		∩/S	Pg	05 10 50.8 +1.2
UCH	Uchtor	1.48 64	∩P	Pg	05 10 35.7 0.0
UCH	18nm,0.2s,SNR=17		∩/S	Sg	05 10 57.6 +2.8
UCH	Uchtor	1.48 64	∩P	Pg	05 10 35.3 -0.4
UCH	baz=65		∩/S	Pg	05 10 56.1 +1.2
DZA	Taraz	1.65 322	eP	Pb	05 10 37.9 +0.1
DZA	66nm,0.1s		eS	Sb	05 10 58.2 -0.4
DZA	248nm,0.2s		S	Pb	05 10 37.9 +0.1
DZA	Taraz	1.65 322	eP	Pb	05 10 37.9 +0.1
DZA	66nm,0.1s		S	Sb	05 10 58.2 -0.4
DZA	248nm,0.2s		S	Pb	05 10 37.9 +0.1
DZA	Taraz	1.65 322	eP	Pb	05 10 37.9 +0.1
DZA	66nm,0.1s		eS	Sb	05 10 58.2 -0.4
AAK	Ala-Archa	1.68 51	∩P	Pg	05 10 40.0 +0.5
AAK	10nm,0.2s,SNR=16		∩/S	Sg	05 11 03.4 +2.2
AAK	Ala-Archa	1.68 51	∩P	Pg	05 10 40.0 +0.5
AAK	7.2nm,0.4s		S	Sg	05 11 03.0 +1.8
AAK	8.6nm,0.3s		∩/S	Pg	05 10 38.6 -0.8
AAK	Ala-Archa	1.68 51	∩P	Pg	05 10 38.6 -0.8
AAK	baz=52		∩/S	Sg	05 11 01.8 +0.6
SFK	Sufi-Kurgan	1.70 159	∩P	Pb	05 10 38.8 +0.1
SFK	baz=58		∩/S	Pg	05 11 02.1 +0.2
KBK	Karagaybulak	1.96 57	∩P	Pg	05 10 44.6 -0.3
KBK	15nm,0.1s,SNR=11		∩/S	Sg	05 11 12.5 +2.1
KBK	Karagaybulak	1.96 57	∩P	Pb	05 10 43.6 +0.3
KBK	baz=58		∩/S	Pg	05 11 10.5 +0.1
CHMS	Chumysh	2.05 47	∩P	Pg	05 10 45.6 -1.0
CHMS	13nm,0.2s,SNR=7.7		∩/S	Sg	05 11 14.3 +1.0
CHMS	Chumysh	2.05 47	∩P	Pb	05 10 44.7 0.0
CHMS	baz=48		∩/S	Pg	05 11 12.7 -0.6
IUG	luzhnay	2.08 286	eP	Sg	05 10 47.1 0.0
IUG	634nm,0.3s		eS	Sg	05 11 14.2 +0.2
IUG	luzhnay	2.08 286	eP	Pg	05 10 47.1 0.0
IUG	634nm,0.3s		Lg	Lg	05 11 14.2
IUG	73nm,0.1s		∩/S	Pb	05 10 44.9 -0.8
BTK	Batken	2.11 224	∩P	Pb	05 11 13.0 +1.0
BTK	baz=23		∩/S	Pg	05 10 46.8 -1.1
USP	Ospenovka	2.12 38	∩P	Pg	05 11 15.9 +0.4
USP	18nm,0.2s,SNR=18		∩/S	Pb	05 10 45.8 -0.1
USP	Ospenovka	2.12 38	∩P	Pb	05 11 14.1 -1.3
USP	baz=39		∩/S	Pb	05 10 45.8 -0.1
USP	Ospenovka	2.12 38	∩P	Pb	05 11 14.1 -1.3
KK31	Karatay Array	2.22 313	∩P	Pb	05 10 47.7 +0.3
KK31	2.4nm,0.2s,SNR=17,SNR=7.0		∩/S	Sg	05 11 19.1 +0.7
KK31	9.6nm,0.3s,SNR=138,slow=26,SNR=13		∩/S	Pb	05 10 46.9 -1.0
DRK	Karamyk	2.23 199	∩P	Pb	05 11 16.2 +0.5
DRK	baz=97		∩/S	Pb	05 11 53.2 +0.9
TKM2	Tokmak 2	2.51 57	∩P	Pb	05 10 53.4 +0.9
TKM2	14nm,0.3s,SNR=17		∩/S	Pb	05 11 28.5
TKM2	6.7nm,0.3s		Lg	Lg	05 10 51.4 -1.2
TKM2	Tokmak 2	2.51 57	∩P	Pb	05 11 23.9 +0.3
TKM2	baz=58		∩/S	Pb	05 10 52.6 -0.8
BOOM	Booms koye usch	2.56 69	∩P	Pb	05 11 25.3 +0.3
BOOM	baz=69		∩/S	Pb	05 10 54.3 -1.6
ULHL	Ulahof	2.71 75	∩P	Pb	05 11 28.5 -0.6
ULHL	baz=75		∩/S	Pg	05 11 00.3 -0.4
ULHL	Ulahof	2.71 75	∩P	Pb	05 11 00.6 -0.4
ULHL	baz=75		∩/S	Pg	05 11 00.3 -0.4
DGS	Degeres	2.79 53	eP	Sg	05 11 36.8 -0.1
DGS	5.5nm,0.3s		eS	Sg	05 11 00.3 -0.4
DGS	Degeres	2.79 53	eP	Pg	05 11 36.8
DGS	5.5nm,0.3s		Lg	Lg	05 11 00.6 -0.4
KST	Kastek	2.80 58	eP	Pg	05 11 37.1 -0.2
KST	14nm,0.2s		eS	Pg	05 11 00.5 -0.4
KST	Kastek	2.80 58	eP	Pg	05 11 37.1
KST	59nm,0.6s		Lg	Lg	05 11 03.9 -1.3
KRBS	Karabastau	3.02 45	eP	Pg	05 11 42.7 -1.6
KRBS	4.3nm,0.4s		eS	Pg	05 11 03.9 -1.3
KRBS	Karabastau	3.02 45	eP	Pg	05 11 42.7
KRBS	14nm,0.5s		Lg	Lg	05 11 07.2 -0.3
MTBS	Maitube	3.15 60	eP	Pg	05 11 07.2 -0.3
MTBS	5.1nm,0.4s		eS	Lg	05 11 48.5
MTBS	Maitube	3.15 60	eP	Pg	05 11 08.9 -0.1
MTBS	5.1nm,0.4s		Lg	Lg	05 11 51.3 +0.5
IZV	Izvestkoviy	3.22 62	eP	Pg	05 11 08.9 -0.1
IZV	12nm,0.6s		eS	Pg	05 11 08.9 -0.1
IZV	Izvestkoviy	3.22 62	eP	Pg	05 11 51.3
IZV	12nm,0.6s		Lg	Lg	05 11 12.9 -0.4
TNSS	Tian-Shan	3.45 64	eP	Pg	05 11 58.5 +0.4
TNSS	9.2nm,0.5s		eS	Pg	05 11 12.9 -0.4
TNSS	Tian-Shan	3.45 64	eP	Pg	05 11 12.9 -0.4
TNSS	9.2nm,0.5s		eS	Pg	05 11 12.9 -0.4

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TNSS	Lg	Lg	05 11 58.5		
KUU	Kury	3.51 48	eP	Pg	05 11 13.1 -1.5
KUU	9.5nm,0.3s		eS	Sg	05 11 58.9 -1.2
KUU	Kury	3.51 48	eP	Pg	05 11 13.1 -1.5
KUU	5.2nm,0.5s		Lg	Lg	05 11 58.9
KUU	8.8nm,0.3s		eS	Sg	05 11 14.7 -0.9
MDOK	Medeo	3.57 63	eP	Pg	05 12 01.4 -0.4
MDOK	9.7nm,0.9s		eS	Sg	05 11 14.1 -1.4
MDOK	Medeo	3.57 63	eP	Pg	05 12 01.3
MDOK	13nm,0.8s		Lg	Lg	05 11 14.7 -0.9
MDOK	30nm,1.0s		Lg	Lg	05 12 01.4
MDOK	Medeo	3.57 63	eP	Pg	05 12 01.4
MDOK	18nm,0.7s		Lg	Lg	05 11 15.0 -1.3
KTBS	Karabobe	3.60 53	eP	Pg	05 12 01.9 -1.1
KTBS	9.7nm,0.9s		eS	Sg	05 11 15.0 -1.3
KTBS	Karabobe	3.60 53	eP	Pg	05 12 01.9
KTBS	2.5nm,0.3s		Lg	Lg	05 11 20.5 -0.8
CHKK	Chushkaly	3.87 53	eP	Pg	05 11 21.4 -0.1
CHKK	12nm,0.4s		eS	Sg	05 11 20.5 -0.8
CHKK	Chushkaly	3.87 53	eP	Pg	05 11 20.5 -0.8
CHKK	1.9nm,0.2s		Lg	Lg	05 12 11.4
CHKK	6.7nm,0.2s		Lg	Lg	05 12 11.4
CHKK	Chushkaly	3.87 53	eP	Pg	05 12 11.4
CHKK	1.9nm,0.2s		Lg	Lg	05 12 33.3 -0.7
ARXS	Arharly	4.57 54	eP	Pg	05 11 33.3 -1.5
ARXS	5.2nm,0.5s		eS	Sg	05 12 33.3 -0.7
ARXS	Arharly	4.57 54	eP	Pg	05 11 33.3 -1.5
ARXS	5.2nm,0.5s		Lg	Lg	05 12 33.3
ARXS	9.9nm,0.6s		Lg	Lg	05 12 33.3
ARXS	Arharly	4.57 54	eP	Pg	05 12 33.3
ARXS	5.2nm,0.5s		Lg	Lg	05 12 33.3
PDGK	Podgornoye	5.30 69	Lg	Lg	05 12 59.0
PDGK	9.9nm,0.6s		Lg	Lg	05 12 59.0
PDGK	Podgornoye	5.30 69	Lg	Lg	05 12 59.0
PDGK	5.2nm,0.7s		Lg	Lg	05 12 56.6 +1.3
AB31	Akbulak array	11.78 315	P	Pn	05 12 56.6 +1.3
AB31	0.9nm,0.7s,SNR=116,slow=14,SNR=9.5				
ATH	14 05:14:22.8,35:32N,28:62E, h10km,6km,ML2,8/3, Error ellipse: s-maj=7.1km s-min=1.4km az=324.0				
ISK	14 05:14:25.3,35:39N,28:75E, h18km,ML2,8/13				
NIC	14 05:14:27.8,0.0,35:51N,28:86E, h29km,3km,ML2,8/2				
THE	14 05:14:29.0,35:48N,28:80E, h27km,39km,ML2,6/1, Error ellipse: s-maj=40.2km s-min=2.3km az=171.0				
DDA	14 05:14:32.0,35:87N,28:89E, h35km,1km,ML2,5				
ISC	05:14:24.3,1.4,35.43N,0.4,28.79E,0.03, h8km,10km, 157, -1.526/82, Eastern Mediterranean Sea				
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ARG	Arkhangelos	0.95 326	P	05 14 45.1 +0.9	Pn
ARG	370nm,0.6s		S	05 14 57.9 -0.1	Pn
ARG	Arkhangelos	0.95 326	P	05 14 41.0 -1.6	Pg
ARG	370nm,0.6s		S	05 14 54.6 -0.3	Pg
ARG	comp=N,1041mu,0.7s		AML	05 15 07.3	Pn
ARG	comp=E,1339mu,0.8s		AML	05 15 08.2	Pn
ARG	Arkhangelos	0.95 326	PG	05 14 44.5 +0.4	Pn
ARG	370nm,0.6s		SG	05 14 58.4 +0.9	Pn
ARG	Arkhangelos	0.95 326	P	05 14 45.0 +1.4	Pn
ARG	370nm,0.6s		S	05 14 57.2 -1.4	Pn
KSL	Kastellorizon	0.97 42	P	05 14 45.0 +0.7	Pb
KSL	Kastellorizon	0.97 42	P	05 14 42.4 +0.8	Pb
KSL	370nm,0.6s		S	05 14 59.5 +1.2	Pn
KSL	370nm,0.6s		AML	05 15 10.5	Pn
KSL	comp=N,279mu,0.6s		AML	05 15 11.2	Pn
KSL	comp=E,371mu,0.7s		AML	05 15 11.2	Pn
KSL	Kastellorizon	0.97 42	P	05 14 44.0 +0.6	Pb
KSL	370nm,0.6s		S	05 14 56.3 -0.1	Pb
AKAS	Kas	1.04 39	iP	05 14 45.8 +0.3	Pn
AKAS	370nm,0.6s		iS	05 15 02.0	Pn
AKAS	Kas	1.04 39	Pn	05 15 14.0	Pn
AKAS	comp=N,226nm,0.5s		PN	05 14 46.4 +0.9	Pn
AKAS	370nm,0.6s		SN	05 15 01.5 +1.1	Pn
FETY	Fethiye	1.23 11	P	05 14 47.8 0.0	Pg
FETY	370nm,0.6s		S	05 15 03.2 -0.6	Pg
FETY	Fethiye	1.23 11	iP	05 14 47.9 0.0	Pg
FETY	370nm,0.6s		P	05 14 45.2 +0.3	Pg
DALY	Dalyan (Mula)	1.39 356	PN	05 14 51.2 +0.3	Pg
DALY	Dalyan (Mula)	1.39 356	SN	05 15 10.0 +1.2	Pb
TURN	Turunc	1.41 342	iP	05 14 51.5 +0.5	Pb
TURN	Turunc	1.41 342	PN	05 14 51.4 +0.5	Pb
TURN	Turunc	1.41 342	PN	05 15 09.9 +0.2	Pb
AKUM	Antalya-Kumluk	1.55 54	iP	05 15 09.9 +0.2	Pb
AKUM	Antalya-Kumluk	1.55 54	iS	05 15	

14d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like FETA Feichten, P49A Miami Univ. Ec, RETA Reutte, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like X40A Basin Creek Fa, OOST Ostas, SRO Srobarova, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BOSA Boshof, CSS Mathias, ISAL Salakas, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like KIV Kioslovodsk, KIB Khabaz, KLMB Klumovskoe, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like J26L Joseph Creek, TOLK Toolik Lake Re, ILAR Eielson Array, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like ASAJ Asahikawa, ASAJ Kamikawa-asahi, JKA JKA, etc.

NIED 14 05:26:24.9, 31'23N: 128'69E, h7km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; M1=1.85; M2=0.26; M3=1.59; M4=0.42; M5=4.75; M6=1.24; Fault plane solution: Ms5.08000x10^15 NP1: 0=179.00000; 0=77.00000; lambda=159.00000. NP2: 0=34.00000; 0=89.00000; lambda=14.00000. JMA 14 05:26:24.9, 0.3, 31'23N: 128'69E, h7km, 3km, M4.3. JMA Felt J1. IDC 14 05:26:26.3, 0.9, 31'24N: 128'79E, h0km, mb3.8/7, mb1.4/0.11, mb1mx3.8/4.5, mbtmp3.9/11, ML3.5/3, MS3.6/12, Mb1.3/6.12, ms1mx3.4/4.0, Error ellipse: s-maj=27.3km s-min=17.1km az=83.0. NEIC 14 05:26:28.0, 1.0, 31'27N: 128'69E, h10km, 1km, mb4.2/7, Error ellipse: s-maj=10.8km s-min=7.9km az=192.0. KMA 14 05:26:38.4, 31'80N: 128'24E, h35km. ISC 14 05:26:7.0, 7.3124N: 128'77E: 0.04, h10km, n59, r=121/55, mb3.9/10, MS3.6/8, Northwest of Ryukyu Islands

ATH 14 05:30:16.7, 41'94N: 18'98E, h13km, 5km, ML2.7/2, Error ellipse: s-maj=28.6km s-min=2.5km az=173.0. TIR 14 05:30:16.8, 42'09N: 19'30E, h0km, 4km, MD3.0, M12.5. PDG 14 05:30:17.0, 0.4, 41'99N: 19'26E, h11km, MD3.0/6, ML2.6/14, Error ellipse: s-maj=0.6km s-min=0.4km az=90.0. RHSSO 14 05:30:17.0, 0.7, 41'97N: 19'35E, h5km, 1km, ML3.0/12. BEO 14 05:30:19.5, 0.3, 42'08N: 19'25E, h7km, 2km, ML2.6/19. ISC 14 05:30:18.4, 0.8, 42'04N: 19'26E: 0.02, h15km, 5km, n96, r126/165, 36C-7D, Northwest Balkan Peninsula

Table with columns for Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ULCL Ulcinj, DRME Dracevica, Mon, DRME Dracevica, Mon, BUME Brajci-Budva, etc.

14d 5h

SKO	Skopje	1.62	92	i Pn	Pg	05 30 49.0 -0.6
SKO				i Sn	Sg	05 31 11.3 +0.7
SELS	Selova	1.81	49	e Pg	Pb	05 30 50.8 -0.5
SELS				e Sg	Pb	05 31 15.9 -0.7
BBLs	Lazi#263;i	1.83	3	e Sg	Pb	05 30 51.7 0.0
BBLs				e Sg	Pb	05 31 16.4 -1.4
BBLs	Lazi#263;i	1.83	3	i Pn	Pb	05 30 49.7 +0.2
BBLs				e Sn	Sb	05 31 14.3 -0.2
FNA	Florina	2.02	128	P	Pb	05 30 54.2 -0.7
FNA				S	Pb	05 31 22.3 -1.2
FNA	Florina	2.02	128	P	Pb	05 30 54.5 -0.4
FNA				AML	AML	05 31 32.2
FNA	comp=N,251µm,0.3s			AML	AML	05 31 32.3
FNA	comp=N,282µm,0.3s			AML	AML	05 30 54.3 -1.0
BARs	Barje	2.04	67	e Pn	Pg	05 31 04.4 +6.8
BARs	Barje	2.04	67	e Pn	Pg	05 30 53.4 +0.8
HAPS	Han Pijesak, BI	2.06	65	e Pn	Pb	05 31 19.9 +1.7
HAPS				e Sn	Pb	05 30 50.2 -2.5
NOCI	Noci	2.07	234	P	Pn	05 30 53.5 +0.9
MAKA	Makarska	2.07	308	e Pn	Pg	05 30 56.5 -2.3
NEST	Nestorio	2.11	140	P	Pb	05 30 55.6 -0.7
NEST				Pb	Pb	05 30 55.1 -1.7
DIVs	Divibare	2.13	14	e Pn	Pb	05 30 54.0 +0.4
DIVs	Divibare	2.13	14	i Pn	Pb	05 31 21.0 +1.2
GRUS	Gruza	2.14	29	e Pn	Pb	05 30 54.9 +1.3
GRUS	Prvonek	2.14	76	e Pn	Pb	05 30 57.9 +1.2
RICI	Ricice	2.14	314	e Pn	Pb	05 30 55.0 +1.3
TRUS	Trudelj	2.34	21	e Pn	Pb	05 30 58.4 -1.9
KEK	Kerkira	2.36	170	P	Pn	05 30 57.1 +0.5
HVAR	Hvar	2.37	300	e Pn	Pn	05 30 56.8 +0.1
HVAR				i Sn	Pb	05 31 28.2 +1.2
MATE	Matera	2.37	235	i P	Pg	05 31 02.7 -1.2
MATE				i S	Sg	05 31 37.1 +2.4
BOVS	Bovan	2.41	48	i P	Pb	05 30 59.0 -2.4
BOVS				i S	Sb	05 31 27.9 +1.5
BOVS	Bovan	2.41	48	e Pn	Pb	05 30 58.7 +1.5
BOVS	Bosilegrad	2.43	78	e Pn	Pb	05 31 01.7 +1.3
VAY	Valandovo	2.58	105	e Pn	Pb	05 31 01.8 -2.5
VAY	Valandovo	2.58	105	i Pn	Pb	05 31 01.8 -2.5
VAY				i Sn	Sb	05 31 34.5 -1.3
KPRO	Kipourio	2.62	142	P	Pb	05 31 03.4 -1.7
IGT	Igoumenitsa	2.63	162	P	Pb	05 31 01.7 +1.3
ZAGS	Zajecar	2.81	50	e Pn	Pb	05 31 04.1 0.9
MGRS	Mirnjak Grad	2.86	327	e Pn	Pn	05 31 04.0 +0.4
MGRS				e Sn	Pb	05 31 39.7 +1.9
KJUV	Kijevo	2.88	314	e Pn	Pn	05 31 05.4 +1.7
BLKB	Belogradchik	2.97	57	i P	Pb	05 31 42.2 +1.7
VTS	Vitoshka	3.00	78	i S	Pn	05 31 07.7 +1.9
VTS				i S	Pn	05 31 43.0 +1.6
VTS	Vitoshka	3.00	78	e Pn	Pb	05 31 07.9 +2.3
BLY	Banja Luka	3.11	332	e Pn	Pn	05 31 08.9 +2.0
BLY	Banja Luka	3.11	332	e Pn	Pn	05 31 08.0 +1.1
BLJ	Blagaj	3.11	303	e Sn	Pn	05 31 45.7 +2.0
ZIRJ	Zirje	3.11	303	e Sn	Pn	05 31 44.7 +0.8
FRGS	Fruska Gora	3.15	7	i P	Pn	05 31 09.9 +2.4
FRGS				i S	Pb	05 31 45.9 +1.1
FRGS	Fruska Gora	3.15	7	i Pn	Pn	05 31 07.3 -0.2
FRGS				e Sn	Pb	05 31 45.9 +1.1
MORI	Morici	3.19	306	e Pn	Pb	05 31 09.3 +2.3
MORI				e Sn	Pb	05 31 48.4 +2.7
MDVR	Moldovita	3.27	32	i P	Pn	05 31 10.4 +1.1
MDVR				i S	Pn	05 31 49.6 +1.7
UDBI	Udbina	3.57	315	e Pn	Pn	05 31 15.7 +2.4
UDBI				e Sn	Pb	05 31 58.9 +3.0
DUGI	Dugi Otok	3.65	304	e Pn	Pn	05 31 15.4 +1.0
DUGI				e Sn	Pb	05 31 57.3 +0.1
HERR	Herculane	3.65	38	i P	Pn	05 31 15.6 +1.1
HERR				i S	Pn	05 31 57.9 +0.6
BZS	Buzias	3.96	25	e Pn	Pn	05 31 20.3 +1.6
MORH	Mirgy, Hungar	4.20	354	e Pn	Pn	05 31 22.9 +1.2
MORH				e Sn	Pb	05 31 11.5 +0.8
GZR	Gura Zlata	4.21	36	i P	Pn	05 31 24.5 +2.3
GZR				i S	Pn	05 32 11.2 +0.1
RABC	Rab	4.25	311	e Pn	Pn	05 31 23.2 +0.7
RABC				e Sn	Pb	05 31 23.4 +1.7
CRES	Cresnejev	4.68	325	e Pn	Pn	05 31 28.9 -0.4
CRES				e Sn	Pb	05 32 23.0 +0.4
BRJN	Brijuni	4.93	307	e Pn	Pn	05 31 31.8 -0.2
BRJN				e Sn	Pb	05 32 26.9 -1.8
CEY	Cerknica	5.09	318	i Pn	Pn	05 31 35.0 +0.8
CEY				e Sn	Pb	05 32 32.5 -0.2
DRGR		5.36	26	i P	Pn	05 31 39.1 +1.2
DRGR				i S	Pn	05 32 40.2 +0.9
VOIR		5.40	49	i P	Pn	05 31 40.7 +2.2
VOIR				i S	Pn	05 32 40.2 -0.1
SOKA	Soboth	5.54	328	i Pn	Pn	05 31 42.2 +1.8
SOKA	comp=N,0.6nm,0.2s			e Sn	Pb	05 32 43.4 -0.5
OBKA	Obir	5.61	324	i Pn	Pn	05 31 42.8 +1.5
OBKA	comp=N,0.4nm,0.2s			e Sn	Pb	05 32 45.6 0.0
OBKA	comp=N,2.1nm,0.3s			e Sn	Pb	05 32 45.6 0.0

NEIC 14 05:32:34.4, 1.8, 22.76N, 0.04, 121.59E, 0.05, h16km, 5km, mb4, 1/7, ML4.5(TAP), Error ellipse: s-maj=7, 1km s-min=4.5km az=64.0
 TAP 14 05:32:35.3, 22.77N, 121.56E, h20km, ML4.3, C JMA 14 05:32:35.0, 1.2, 22.80N, 121.54E, h36km, M4.1
 IDC 14 05:32:40.0, 3.6, 22.78N, 121.84E, h69km, 34km, mb3.6/12, mb1.3/7.15, mb1mx3.6/42, mbtpm3.9/15, ML3.73, Error ellipse: s-maj=21.9km s-min=17.1km az=75.0
 ISC 14 05:32:34.0, 1.0, 22.77N, 0.02, 121.62E, 0.02, h17km, 6km, n154, 0.09/224, mb3.7/15, 1C-21D, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
LDUT	Ludao	0.17	236	i P	Pb	05 32 39.7 +1.1	
LDUT				S	Sb	05 32 42.8 +1.0	
EDH	Donghe	0.36	305	i P	Pb	05 32 42.0 +0.1	
EDH				S	Sg	05 32 46.4 -0.1	
CHKT	Chengkung	0.41	325	i P	Pb	05 32 43.0 +0.2	
CHKT				i S	Sb	05 32 48.2 -0.5	
TTN	Taitung	0.44	268	i P	Pg	05 32 43.3 +0.4	
TTN				S	Sg	05 32 48.8 0.0	
LONT	Longtian	0.47	287	P	Pg	05 32 43.6 0.0	
LONT				S	Sb	05 32 51.3 +0.7	
ECS	Chishang	0.49	312	i P	Pb	05 32 44.6 +0.4	
ECS				S	Sb	05 32 51.8 +0.6	
TWGBT	Beinan	0.50	276	i P	Pg	05 32 43.9 -0.1	
TWGBT				i S	Sg	05 32 51.2 +0.4	
TWG	Pinlang	0.51	276	i P	Pg	05 32 43.9 -0.3	
TWG				i S	Sg	05 32 51.2 +0.1	
TWG	Pinlang	0.51	276	P	Pg	05 32 43.8 -0.4	
FULB	Fuli	0.53	325	P	Pg	05 32 44.7 +0.2	
FULB				S	Pb	05 32 52.2 0.0	
ECBN	Changbin	0.57	344	P	Pb	05 32 45.9 +0.4	
ECBN				S	Sb	05 32 53.3 -0.1	
ECL	Tainali	0.64	255	i P	Pg	05 32 46.1 -0.4	
ECL				i S	Sg	05 32 53.7 -1.4	
EYUL	Yuli	0.64	334	P	Pb	05 32 47.1 +0.3	
EYUL				S	Pb	05 32 55.3 -0.2	
TWF1	Yuli	0.66	333	i P	Pb	05 32 47.1 +0.1	
TWF1				e Sn	Pb	05 32 47.1 +0.1	

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Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
TWF1				i S	Sb	05 32 56.4 +0.6	
YULB	Yu-i	0.69	335	i P	Pb	05 32 47.7 0.0	
YULB				S	Sg	05 32 56.1 -0.7	
YULB	Yu-i	0.69	335	P	Pb	05 32 47.6 0.0	
ELDTW	Lidau	0.70	307	i P	Pg	05 32 47.0 -0.7	
ELDTW				S	Sg	05 32 54.8 -2.2	
LAY	Lang-yu	0.73	185	P	Pb	05 32 48.1 -0.1	
LAY				S	Sb	05 32 56.4 -1.6	
HGSD	Ruisui	0.74	346	i P	Pb	05 32 48.3 -0.3	
HGSD				e Sn	Pb	05 33 01.6 +0.9	
TAW	Tawu	0.78	239	e P	Pb	05 32 48.6 -0.6	
TAW				e S	Sb	05 32 57.7 -1.9	
EHY	Hungye	0.79	340	P	Pb	05 32 49.3 0.0	
EHY				S	Pb	05 32 59.3 -0.3	
EAST	Anshuo	0.81	242	i P	Pb	05 32 49.1 -0.6	
EAST				S	Sb	05 32 57.9 -2.4	
STYH	Taoyuan	0.88	297	P	Pb	05 32 50.5 -0.3	
STYH				S	Sb	05 33 01.1 -1.1	
SMG	Majia	0.90	266	e P	Pb	05 32 50.4 -0.9	
SSD	Sandimen	0.91	269	i P	Pb	05 32 50.5 -0.9	
SSD				S	Sb	05 33 00.1 -3.2	
EGFH	Guangfu	0.92	349	e P	Pb	05 32 51.5 0.0	
EGFH				e S	Pg	05 33 03.5 -0.4	
MASBT	Mashibuluo	0.93	261	i P	Pb	05 32 50.9 -0.7	
SLIU	Shiuzi	0.94	234	e P	Pb	05 32 50.8 -1.0	
SCZT	Fangliu	1.00	247	i P	Pb	05 32 52.2 -0.8	
SCZT				e S	Pb	05 33 04.5 -1.4	
SGST	Jiashian	1.01	288	i P	Pb	05 32 52.4 -0.6	
SGST				S	Sb	05 33 05.4 -0.6	
SSPT	Xinbi	1.01	254	e P	Pb	05 32 53.0 -0.1	
SGLT	Jiouru	1.04	268	e P	Pb	05 32 53.8 +0.2	
SGLT				e S	Pn	05 33 09.3 +1.2	
WTP	Ta-pu	1.04	297	P	Pb	05 32 53.6 0.0	
WTP				S	Sb	05 33 07.4 +0.3	
SCST	Cishan	1.05	277	e P	Pb	05 32 53.9 +0.2	
ALS	Alishan	1.05	315	i P	Pb	05 32 53.9 -0.1	
ALS				S	Sb	05 33 07.8 +0.2	
TPUB	Ta-pu	1.06	300	i P	Pb	05 32 53.9 -0.1	
TPUB				S	Sb	05 33 07.6 +0.2	
TPUB	Shu-shan	1.06	300	P	Pb	05 32 53.8 -0.1	
ESL	Tai-pu	1.06	351	e P	Pb	05 32 53.2 -0.7	
ESL				e S	Sb	05 33 06.0 -1.4	
VWDT	VWDT	1.08	336	e P	Pb	05 32 54.2 -0.1	
VWDT				Pn	Pn	05 32 54.8 +0.3	
CHN1	Nanshi	1.09	293	i P	Pn	05 33 09.3 0.0	
CHN1				S	Pb	05 32 54.8 +0.4	
TSEB	Herchuen, Pin	1.09	218	e P	Pb	05 33 09.1 +0.7	
TSEB				e S	Pg	05 32 55.7 +0.3	
TWMT	Shoushan	1.11	273	P	Pg	05 32 54.1 -0.7	
TWMT				e P	Pn	05 32 54.6 -0.2	
HEN	Hengchun	1.11	227	e P	Pn	05 33 08.0 -1.0	
HEN				e S	Pb	05 32 54.3 -0.6	
TW1	Hengchun	1.11	223	e P	Pg	05 32 55.7 -0.2	
SNST	Tainan City	1.13	294	e P	Pg	05 33 11.7 +1.0	
SNST				e S	Pb	05 32 55.7 +0.1	
TWK	Hsiangying	1.16	296	i P	Pb	05 33 12.3 +0.8	
TWK				S	Pg	05 32 55.8 -0.2	
SSLB	Suanguang	1.19	329	e P	Pb	05 33 10.5 -0.8	
SSLB				e S	Pg	05 32 56.0 0.0	
CHN3	Shintua	1.20	285	P	Pg	05 32 58.0 +0.8	
CHN3				S	Sg	05 33 14.9 +2.1	
CHN5	Tsauling	1.20	314	P	Pg	05 32 57.0 -0.1	
CHN5				S	Sg	05 33 13.3 +0.4	
HWA	Hwallen	1.21	359	e P	Pn	05 32 55.9 -0.2	
HWA				e S	Pn	05 33 11.8 -0.2	
KAU	Kaoshiung	1.23	261	e P	Pg	05 32 59.1 +1.4	
KAU				e S	Sg	05 33 16.7 +2.9	
SMLT	Sun Moon Lake	1.29	329	P	Pb	05 32 57.9 -0.1	
SMLT</							

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSFV Nonsavu, AFI Afiamalu, DZM Mont Dzumac, etc.

ISC 14 08:02:33.0-1.5, 20.5S; 0.3-177.9W, 0.2, h534km, n13, phi180/15, mb3.9/7, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SOEI Sae, BATI Baumata, DRS Darwin Rock St, etc.

ISC 14 08:04:52.1-5.3, 8.96S; 124.40E, h92km, 63km, mb3.3/1, mb1 3.6/4, mb1mx3.2/32, mbtmp3.7/4, ML3.7/3, Error ellipse: s-maj=73.5km s-min=30.1km az=35.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IUG luzhny, AML Almayashu, UCH Uchtor, etc.

ISC 14 08:20:11.7-6.0, 36.23N; 71.21E, h170km, 54km, mb3.2/4, mb1 3.2/8, mb1mx3.0/46, mbtmp3.7/8, MS4.3/3, Ms1 3.4/3, ms1mx2.9/39, Error ellipse: s-maj=44.8km s-min=29.1km az=25.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MRKS Merke, MRKS Merke, EKS2 Erkin-Say, etc.

ISC 14 08:20:21.1-2.0, 36.90N; 71.31E, h224km, 24km, mb2.9, mpv3.9, Error ellipse: s-maj=19.1km s-min=11.8km az=18.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, etc.

SOME 14 08:20:23.3, 37.25N; 71.45E, h0km ISC 14 08:20:19.4-2.1, 36.8N; 0.1-71.3E; 0.1, h200km, n22, phi1507/28, mb3.2/3, 6C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IUG luzhny, AML Almayashu, UCH Uchtor, etc.

ISC 14 08:24:03.7, 38.89N; 28.61E, h13km, ML2.5/10 DDA 14 08:24:03.3, 38.87N; 28.61E, h7km, 2km, ML1.9 ISC 14 08:24:03.5-0.9, 38.88N; 0.03-28.60E; 0.03, h12km, gkm, n20, phi49/29, Turkey

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DEMI Simav-Kutahya, USAK Uak-Merkez, USAK, KULA Kula-Manisa, etc.

NIED 14 08:40:52.9, 31.34N; 128.71E, h5km, MW4.6, Moment Tensor Solution, s3 Moment tensor, Scale 1015Nm; Mw=1.90; Ms=1.88; Mkw=0.02; Mw=1.20; Mkw=9.55; Mw1.41; Fault plane solution: Ms=9.83000x1015 NP1: phi184.00000; delta.00000; lambda.170.00000; NP2: phi92.00000; delta.00000; lambda.10.00000

JMA 14 08:40:52.8-0.3, 31.34N; 128.71E, h5km, 2km, M4.7 JMA Felt J1, BUJ 14 08:40:53.7-0.0, 31.17N; 129.09E, h9km, mb4.6/29, mb4.3/45, Ms4.7/48, Ms7.4/45

ISC 14 08:40:54.3-0.6, 31.37N; 128.87E, h0km, mb4.2/18, mb1 4.4/24, mb1mx4.3/51, mbtmp4.2/24, ML3.6/6, MS4.0/37, Ms1 4.0/37, ms1mx3.9/52, Error ellipse: s-maj=18.0km s-min=12.1km az=67.0

MOS 14 08:40:55.7-1.0, 31.30N; 128.92E, h21km, mb4.5/15, MS4.4/5, Error ellipse: s-maj=11.0km s-min=5.8km az=97.2

NEIC 14 08:40:56.1-1.1, 31.28N; 0.04-128.93E; 0.03, h7km, 5km, mb4.7/27, Error ellipse: s-maj=6.2km s-min=3.6km az=175.0

KMA 14 08:40:56.3, 31.40N; 128.70E, h15km GCMT 14 08:40:58.0-0.4, 31.47N; 0.02-128.78E; 0.03, h16km, 1km, MW4.8/71, Moment Tensor Solution, s4, c4; s71, c98; Duration: 0 Moment tensor: Scale 1016Nm; Mw=0.42; Ms=0.33; Ms=0.08; Mw=0.51; Ms=1.54; Ms=0.08; Mw=0.28; Ms=2.0; Best double couple: Ms1.67600x1016 NP1: phi185.00000; delta.95000; lambda.170.00000; NP2: phi98.00000; delta.100000; lambda.15.00000; Principal axes: T 1.7970, P1g17.0000, Azm322.0000; N -0.2420, Plg27.0000, Azm129.0000; P -1.5550, Plg4.0000; Azm231.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 08:40:57.8-1.3, 31.34N; 0.03-128.97E; 0.03, h18km, 6km, n170, phi230/169, mb4.5/49, MS4.2/43, 10C-6D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, JSU Suzuyama, JSU Suzuyama, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KS19 Wonju Array Si, INCN Incheon, INCN Incheon, etc.

RNSC 14 09:34:37.9:1.0, 9.13N:77.90W, h32km, 16km, ML3.1, Mw3.4
UPA 14 09:34:38.8:2.8, 8.98N:78.15W, h0km, 21km, MW4.2
ISC 14 09:34:35.5:1.3, 9.18N:0.04W:77.90W:0.02, h23km, 14km, n41, e212/77, 2D, Near north coast of Colombia

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like UPD2 Meteti, CAPC Capurgana, CHPO Chepo, Panama, etc.

RNSC 14 09:41:29.0:1.1, 6.81N:73.10W, h144km, 5km, ML2.1, Northern Colombia

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, PAMC Pampiona, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like OCAC Ocana, SPBC San Pablo de B, ZARC Zaragoza, etc.

WEL 14 09:57:53.2:0.8, 45.5S:6.167E, h39km, 9km, M3.8/12, ML4.0/13, MLv3.8/12, Error ellipse: s-maj=0.0km s-min=0.0km az=122.1, South Island

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like DCZ Deep Cove, MLZ Maunabo Lakes, etc.

Table with columns: NEZ, PKE, VRZ, HIZ, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like North Egmont, Pukeiti, Vera Road, Hauiti.

MAN 14 10:02:47.5:17.70N:122.43E, h46km, mb4.9, ML3.9, MS3.9
IDC 14 10:02:49.8:3.9, 17.58N:122.44E, h41km, 37km, mb3.9/18, mb1.4/0.19, mb1mx3.8/5.5, mbtmp4.1/19, ML4.0/1, MS2.9/3, Ms1.2/9.3, ms1mx2.6/4.6, Error ellipse: s-maj=22.6km s-min=15.1km az=81.0
NEIC 14 10:02:50.5:1.5, 17.60N:0.09W:122.4E:0.1, h43km, 8km, mb4.4/2.2, Error ellipse: s-maj=18.5km s-min=13.2km az=77.0

ISC 14 10:02:48.8:0.5, 17.68N:0.05W:122.42E:0.06, h31km, n64, e1537/60, mb4.2/26, 2C-1D, Luzon

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like CVP Callao Caves, APYV Conner, LOP Lukban, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KSCEA Cheonan, TJN Taejon, KSSWO Suwon, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BJI comp=Z,160nm,3.5s, BJI comp=Z,540nm,13.6s, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like TLY comp=Z,85nm,1.1s, TLY comp=Z,3um,16.0s, etc.

14d 11h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl.

HEN	baz=138	i S	Sn	11 08 31.9	-7.2	
SCZT	Fangliu	0.22 357	i P	Pn	11 08 26.8	-1.2
SCZT	baz=358	S	Sn	11 08 31.9	-4.6	
TWK1	Hengchun	0.26 142	i P	Pn	11 08 27.4	-0.2
TWK1	baz=142	S	Sn	11 08 33.2	-1.9	
TWKBT	Hengchun	0.27 141	i P	Pn	11 08 27.3	-0.2
TWKBT	baz=142	i S	Sn	11 08 33.0	-1.9	
EAST	Anshuo	0.31 41	i P	Pn	11 08 28.1	+0.6
EAST	baz=40	S	Sn	11 08 34.2	-0.3	
WLCH	Liujiu	0.31 310	e P	Sn	11 08 27.2	+1.3
WLCH	baz=310	S	Sn	11 08 36.2	+1.8	
TAW	baz=310	i P	Pn	11 08 28.3	+0.8	
TAW	Tawu	0.32 50	i P	Pn	11 08 34.6	+0.3
TAW	baz=50	S	Sn	11 08 36.4	+2.0	
SSPT	Xinbi	0.34 350	i P	Pn	11 08 28.6	+1.0
SSPT	baz=351	e S	Sn	11 08 38.4	+2.0	
TSEB	Hengchuen, Pin	0.35 135	i P	Pn	11 08 28.2	+0.5
TSEB	baz=146	S	Sn	11 08 34.9	+0.5	
MASBT	Mashibuluo	0.46 0	i P	Pn	11 08 29.8	+0.6
MASBT	baz=7.0	S	Sn	11 08 37.1	+0.9	
KAU	Kaoshiung	0.51 324	e P	Sn	11 08 31.0	+0.9
KAU	baz=313	e S	Sn	11 08 40.4	+2.8	
ECL	Taimali	0.54 34	i P	Pn	11 08 31.1	+0.6
ECL	baz=30	S	Sn	11 08 38.5	+0.3	
TSMG	Majia	0.55 1	i P	Pn	11 08 31.2	+0.4
TSMG	baz=360	S	Sn	11 08 39.2	+0.5	
SGLT	Jiuru	0.59 347	e P	Pn	11 08 32.5	+1.3
SGLT	baz=346	e S	Sn	11 08 43.4	+3.9	
SSD	Sandimen	0.59 0	i P	Pn	11 08 31.7	+0.4
SSD	baz=359	S	Sn	11 08 40.5	+0.8	
SNJT	Kaoshiung City	0.66 335	e P	Pn	11 08 32.9	+0.7
TWM1	Shoushan	0.70 344	P	Pn	11 08 34.0	+1.3
TWM1	baz=343	e S	Sn	11 08 46.1	+3.9	
SCST	Cishan	0.74 350	e P	Pn	11 08 35.4	+2.2
SCST	baz=335	e S	Sn	11 08 46.5	+3.3	
TTN	Taitung	0.77 38	e P	Pn	11 08 35.1	+1.6
TTN	baz=47	e S	Sn	11 08 46.5	+2.6	
TWG	Pinlang	0.78 31	e P	Pn	11 08 34.7	+0.9
TWG	baz=29	e S	Sn	11 08 45.9	+1.7	
TWGBT	Beinan	0.78 32	P	Pn	11 08 34.5	+0.8
TWGBT	baz=29	e S	Sn	11 08 45.8	+1.6	
SLGT	Lugu	0.84 1	e P	Pn	11 08 35.2	+0.6
SLGT	baz=358	e S	Sn	11 08 46.8	+1.1	
LAY	Lan-yu	0.86 97	P	Pn	11 08 34.5	-0.3
LAY	baz=86	e S	Sn	11 08 46.4	+0.1	
LONT	Longtian	0.88 31	e P	Pn	11 08 36.3	+1.2
LONT	baz=29	e S	Sn	11 08 48.4	+1.7	
SGST	Jiashian	0.93 357	P	Pn	11 08 35.6	-0.2
SGST	baz=355	e S	Sn	11 08 49.3	+1.4	
LDUT	Ludao	0.93 56	e P	Pn	11 08 36.3	+0.5
LDUT	baz=54	e S	Sn	11 08 49.6	+1.7	
CHN3	Shinhua	0.95 345	e P	Pn	11 08 38.0	+1.9
STYH	Taoyuan	1.02 7	P	Pn	11 08 38.3	+1.2
STYH	baz=354	e S	Sn	11 08 51.7	+1.6	
EDH	Donghe	1.03 37	e P	Pn	11 08 38.2	+1.1
EDH	baz=34	e S	Sn	11 08 52.9	+2.7	
CHN1	Nanshi	1.03 355	i P	Pn	11 08 37.9	+0.6
CHN1	baz=339	e S	Sn	11 08 51.5	+1.0	
SNST	Tainan City	1.07 353	P	Pn	11 08 38.4	+0.6
SNST	baz=339	e S	Sn	11 08 52.4	+1.0	
WTP	Ta-pu	1.09 359	e P	Pn	11 08 38.5	+0.5
ELDTW	Lidau	1.09 19	P	Pn	11 08 40.2	+2.1
ELDTW	baz=6.0	S	Sn	11 08 53.4	+1.4	
SCLT	Jiali	1.10 338	P	Pn	11 08 38.5	+0.5
SCLT	baz=324	e S	Sn	11 08 53.4	+1.5	
TWK	Hsiinying	1.12 353	P	Pn	11 08 39.0	+0.6
TWK	baz=339	e S	Sn	11 08 53.2	+0.6	
TPUB	Ta-pu	1.14 360	P	Pn	11 08 39.1	+0.3
TPUB	baz=345	e S	Sn	11 08 53.7	+0.5	
CHKT	Chengkung	1.16 36	P	Pn	11 08 39.9	+1.0
CHKT	baz=32	e S	Sn	11 08 56.0	+2.5	
FULB	Fuli	1.21 30	P	Pn	11 08 41.3	+1.6
ICHU	Yijhu	1.25 345	P	Pn	11 08 40.2	+0.1
ICHU	baz=330	e S	Sn	11 08 56.9	+1.2	
CHN8	Yiju	1.25 342	e P	Pn	11 08 40.6	+0.4
CHN8	baz=329	e S	Sn	11 08 56.5	+0.8	
EYUL	Yuli	1.35 28	P	Pn	11 08 43.3	+1.7
EYUL	baz=13	e S	Sn	11 09 00.7	+2.5	
CHY	Chiayi	1.35 352	P	Pn	11 08 41.9	+0.3
CHY	baz=349	e S	Sn	11 08 59.2	+0.9	
ALS	Alishan	1.36 7	P	Pn	11 08 42.9	+0.9
ALS	baz=351	e S	Sn	11 09 01.1	+2.1	
YUS	Yu-shan	1.36 12	P	Pn	11 08 43.4	+1.2
YUS	baz=358	e S	Sn	11 09 02.1	+2.8	
YULB	baz=358	P	Pn	11 08 43.0	+1.0	
YULB	baz=14					

YULB	min=14	e S	Sn	11 08 59.6	+0.6	
CHN2	Binzhiung	1.38 354	e P	Pn	11 08 44.6	+2.6
CHN5	Tsaiing	1.44 2	P	Pn	11 08 43.5	+0.6
CHN5	baz=346	e S	Sn	11 09 01.4	+0.8	
EHY	Hungye	1.49 25	e P	Pn	11 08 44.8	+1.3
EHY	baz=5.0	e S	Sn	11 09 03.6	+1.9	
HGSD	Ruisui	1.52 29	P	Pn	11 08 45.6	+1.7
HGSD	baz=10.0	e S	Sn	11 09 04.0	+1.5	
WSF	Szhu	1.53 346	e P	Pn	11 08 43.8	-0.2
WSF	baz=343	e S	Sn	11 09 02.7	+0.2	
VCHM	Qimei	1.53 314	P	Pn	11 08 40.0	-1.0
WDLH	Doujiu	1.53 357	e P	Pn	11 08 44.4	+0.4
WDLH	baz=342	e S	Sn	11 09 04.0	+1.3	
WTK	Tuku	1.55 352	e P	Pn	11 08 44.3	+0.1
WTK	baz=348	e S	Sn	11 09 04.3	+1.2	
SSLB	Suanglung	1.66 10	P	Pn	11 08 46.7	+0.9
SSLB	baz=5.0	e S	Sn	11 09 07.0	+1.1	
VWDT	VWDT	1.66 16	e P	Pn	11 08 49.5	+3.7
WJS	Zhushan	1.67 3	P	Pn	11 08 46.2	+0.3
WJS	baz=346	e S	Sn	11 09 06.5	+0.5	
PHUB	P'eng-hu	1.67 324	e P	Pn	11 08 45.0	-0.9
PHUB	baz=323	e S	Sn	11 09 04.2	-1.9	
EGFH	Guangfu	1.68 26	e P	Pn	11 08 48.0	+1.9
EGFH	baz=20	e S	Sn	11 09 09.5	+3.2	
WNT	Mingjian	1.72 2	P	Pn	11 08 47.1	+0.4
WNT	baz=357	e S	Sn	11 09 08.0	+0.7	
PNG	Penghu	1.72 325	e P	Pn	11 08 48.7	-1.0
PNG	baz=334	e S	Sn	11 09 06.0	-1.4	
SMLT	Sun Moon Lake	1.74 8	P	Pn	11 08 48.1	+1.1
SMLT	baz=350	e S	Sn	11 09 09.8	+1.6	
TYC	Yuchr	1.76 7	P	Pn	11 08 48.3	+1.2
TYC	baz=350	e S	Sn	11 09 09.8	+1.5	
WRL	Guolierlin Hig	1.76 352	e P	Pn	11 08 46.9	-0.2
WRL	baz=348	e S	Sn	11 09 07.6	-0.7	
ESL	Shilin	1.81 24	e P	Pn	11 08 51.6	+3.7
ESL	baz=6.0	e S	Sn	11 09 09.9	+0.3	
OWD	Renai	1.86 15	e P	Pn	11 08 50.3	+1.6
OWD	baz=359	e S	Sn	11 09 13.4	+2.2	
WCS	Beigang Elemen	1.92 8	e P	Pn	11 08 50.4	+1.1
WCS	baz=2.0	e S	Sn	11 09 13.1	+0.9	
WCHH	Zhanghua	1.92 358	e P	Pn	11 08 49.5	+0.2
WCHH	baz=355	e S	Sn	11 08 51.7	+1.5	
CHGB	Renai	1.96 15	e P	Pn	11 08 51.7	+1.5
CHGB	baz=359	e S	Sn	11 08 49.8	-0.5	
TCU	Taichung	1.99 1	e P	Pn	11 08 53.8	+1.3
TCU	baz=347	e S	Sn	11 09 19.7	+1.9	
WHP	Taichung City	2.14 8	e P	Pn	11 08 53.8	+1.3
WHP	baz=2.0	e S	Sn	11 09 19.7	+1.9	
TDCB	Techi	2.15 13	e P	Pn	11 08 53.6	+0.9
TDCB	baz=356	e S	Sn	11 09 20.3	+2.2	
TWT	Tachien	2.15 13	e P	Pn	11 08 53.9	+1.2
TWT	baz=359	e S	Sn	11 08 54.4	+1.4	
FUSS	Fushou	2.16 15	e P	Pn	11 08 54.4	+1.4
FUSS	baz=1.0	e S	Sn	11 08 55.4	+2.2	
ETLH	Xiulin Townshi	2.19 21	e P	Pn	11 08 55.4	+2.2
ETLH	baz=3.0	e S	Sn	11 09 21.1	+2.0	
NACB	Ninganchiao	2.20 24	e P	Pn	11 08 54.0	+0.8
NACB	baz=17	e S	Sn	11 09 20.7	+1.5	
NSY	Sanyi	2.26 3	e P	Pn	11 08 55.3	+1.3
NSY	baz=347	e S	Sn	11 09 22.6	+1.9	
NNSB	Datong	2.37 17	P	Pn	11 08 57.7	+2.0
NNSB	baz=11	e S	Sn	11 09 25.8	+2.3	
NNS	Nan Shan	2.38 17	e P	Pn	11 08 58.0	+2.2
NNS	baz=10.0	e S	Sn	11 09 26.2	+2.4	
ENA	Nanau	2.48 24	e P	Pn	11 08 59.2	+2.1
ENA	baz=21	e S	Sn	11 08 58.1	+0.8	
NSTT	Nanjuang	2.49 8	e P	Pn	11 08 58.0	+0.5
NSTT	baz=351	e S	Sn	11 09 00.7	+3.2	
EWUT	Wuta	2.52 25	e P	Pn	11 09 00.7	+3.2
EWUT	baz=21	e S	Sn	11 09 01.6	+3.2	
NDT	Datong Townshi	2.57 18	e P	Pn	11 09 00.4	+1.6
NDT	baz=12	e S	Sn	11 09 01.8	+3.0	
NSK	Sanguang	2.60 15	e P	Pn	11 09 32.5	+3.4
NSK	baz=8.0	e S	Sn	11 09 02.1	+3.1	
ENTT	Nioudou	2.62 19	e P	Pn	11 09 03.5	+3.9
ENTT	baz=32	e S	Sn	11 09 03.6	+3.0	
NDS	Dongshan	2.66 22	e P	Pn	11 09 06.4	+1.9
NDS	baz=32	e S	Sn	11 09 05.4	+0.8	
NWLT	Wulai	2.73 17	e P	Pn	11 09 05.4	+0.8
NWLT	baz=315	e S	Sn	11 09 04.5	-1.0	
TIPB	Shuangxi	3.09 319	e P	Pn	11 09 05.1	-0.8
TIPB	baz=29	e S	Sn	11 09 12.6	-0.9	
KNM	Kimmen	3.09 319	e P	Pn	11 09 20.0	-0.7
KNM	baz=315	e S	Sn	11 09 23.6	-0.6	
KNMB	Chin-men Tao	4.20 340	e P	Pn	11 09 28.0	-0.7
KNMB	baz=316	e S	Sn			
ZPLA	Ao Xieun	3.19 304	e P	Pn		
ZPLA	baz=303	e S	Sn			
PTMZ	Houxiangcun	3.19 335	e P	Pn		
PTMZ	baz=332	e S	Sn			
AXDP	Jilijiang	3.67 319	e P	Pn		
AXDP	baz=316	e S	Sn			
MATB	Ma-tsu	4.03 351	e P	Pn		
MATB	baz=347	e S	Sn			
MHZQ	Yeshan	4.20 340	e P	Pn		
MHZQ	baz=336	e S	Sn			
LYJJ	Jianjiangzhe	4.45 350	e P	Pn		
LYJJ	baz=345	e S	Sn			
XPSS	Dashiyou	4.78 355	e P	Pn		
XPSS	baz=350	e S	Sn			

az=115.0										
ISC 14 11:24:30.6,0.9,8.52N,0.02:71.37W,0.02,h12km,5km, n89,-i176/125,mb4,116,MS3,3.1C,Venezuela										
Code	Station Name	A°	AZ°	Phase ID	Time	Res	ISC	h	m	s
SOCV	Socops	0.56	115	e P	Pg	11 24 41.9	+0.4			
SOCV	Socops	0.56	115	e S	Sb	11 24 50.9	+0.5			
SOCV	Socops	0.56	115	e P	Pg	11 24 51.9	+0.4			
SOCV	Socops	0.56	115	e S	Sb	11 24 50.1	+1.1			
SDV	Santo Domingo	0.81	63	Pg	Pg	11 24 48.3	+1.5			
SDV	80nm,0.3s, baz=228,slow=15,SNR=75			Lg	Lg	11 24 59.6				
SDV	comp=Z,2.22nm,19.9s, baz=161,slow=44			LR	LR	11 25 10.5				
SDV	Santo Domingo	0.81	63	e P	Pb	11 24 47.7	+0.9			
SDV	Santo Domingo	0.81	63	e S	Sb	11 24 56.6	+1.7			
PAMC	Pampiona, Colo	1.77	228	e P	Pb	11 24 47.6	+0.9			
PAMC	Pampiona, Colo									

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like TOR, INK, BMAR, ILAR, DAVOX, ASAR, CMAR, WRA.

TAP 14 11:34:34.0, 24:30N: 121:83E, h15km, ML3.3, C
JMA 14 11:34:34.1, 0.1, 24:25N: 121:78E, h23km, 2km, M2.7
ISC 14 11:34:33.4, 0.8, 24:28N: 121:90E: 0.02, h12km, 6km, n102, e084/172, 8D, Taiwan

Main table of station data for the left column, including stations like EHP, EWUT, ENA, ETL, NACB, TWC, TWD, ETHL, NDS, ENTT, NDT, TWE, NNSB, ILA, NNS, EGS, NTC, WHF, FUSS, NWLT, YHNB, ESL, NSK, TWT, TDCB, TIPB, CHGB, TWB1, TWB1, OWD, EGFH, TWA, NHDH, NWF, VWDT, WHP.

Main table of station data for the middle column, including stations like WHP, LIOB, NSTT, HGSD, YMO1, TWS1, WCS, WCS, EHY, NCUH, JYNG, ANP, NTST, SSSL, SSSL, SSSL, SMLT, TYC, TYC, YOJ, YOJ, YOJ, TWE, TWC1, YULB, YULB, NMLH, NMLH, NSY, NSY, EYUL, TCU, TCU, WJS, WJS, YUS, WNT, FULB, ALS, ALS, CHKT, CHNS, CHNS, ELDTW, ELDTW, WDLH, EDH, EDH, WRL, WRL, WTK, WTK, STYH, CHN4, TPUB, TPUB, TPUB, LONT, CHY, WTP, WTP, TWK, TWK, SNST, CHN1, CHN1, IRIF, IRIF, SGST, SLGT, ICHU, HTAJ, SSD, JKRS, JKRS, TSMG, MASBT.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like JIJ, EAST, JISG, SCZT, LAY, PNG, PHUB, SLIU, JTJ, PTMZ.

NNC 14 11:43:35.2, 4.3, 36:66N: 70:58E, h71km, 138km, mb3.5, mpv3.8, 4C-1D, Error ellipse: s-maj=42.9km s-min=34.4km az=97.0, Hindu Kush region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AML, UCH, KK31, EKS2, AAK, AAK, AAK, TKM2, TKM2, AB31.

IDC 14 12:20:20.4, 0.5, 8:49N: 71:46W, h0km, mb4, 5/20, mb1, 4.7/25, mb1mx4, 6/32, mbtmp4, 6/25, ML4, 7/4, MS4, 0/28, MS1, 4/0/28, ms1mx4, 0/35, Error ellipse: s-maj=11.9km s-min=8.9km az=162.0

NEIC 14 12:20:22.9, 1.5, 8:52N: 0:06:71:38W, 0:04, h9km, 4km, mb4, 9/78, Mw14, 8(CAR), Error ellipse: s-maj=9.1km s-min=5.1km az=150.0

VAO 14 12:20:22.8, 0.4, 8:54N: 71:44W, h9km, mb4, 9 FUNV 14 12:20:22.5, 8:48N: 71:44W, h1km, MW4, 8 CAR 14 12:20:23.1, 6.8, 8:49N: 0:06:71:44W, 0:04, h5km, 4km, Error ellipse: s-maj=8.8km s-min=5.1km az=151.0

GCMT 14 12:20:23.9, 0.3, 8:54N: 0:07:71:40W, 0:03, h12km MW4-771, Moment Tensor Solution, s13, c13, s71, c102; Duration: 0 Moment tensor: Scale: 1016Nm; Mw: 0.92; 0.7; Mw: 2.0; 0.5; Mw: 1.1; 0.7; Mw: 0.4; 1.9; Mw: 0.0; 0.6; Mw: 0.0; 2.3; Best double couple: Mo1: 63800; 1016 NP1: 0.135, 0.0000; 0.80, 0.0000; 0.3, 0.0000; NP2: 0.44, 0.0000; 0.87, 0.0000; 0.17, 0.0000; Principal axes: T 2.1350, Plg9.0000; Azm359.0000; N -0.9930, Plg8.0000; Azm207.0000; P -1.1420, Plg5.0000; Azm90.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 12:20:22.2, 1.0, 8:50N: 0:02:71:40W, 0:02, h10km, 6km, #423, #1831/460, mb4, 9/80, MS4, 1/24, 25C-29D, Fault plane solution: NP1: 0.322, 801300; #68, 93973; #1, 01385; NP2: 0.232, 43048; #89, 03708; #158, 93662; Principal axes: T Plg15.4253; Azm185.6282; N Plg6.9156; Azm49.9320; P Plg14.0173; Azm279.5781; Venezuela

Main table of station data for the right column, including stations like SOCV, SOCV, SOCV, SDV, SDV, SDV, SDV, CAPV, PAMC, PAMC, MCQV, MCQV, OCAC, OCAC, TAMC, TAMC, TAMC, LLSC, LLSC, LLSC, ELOV, ELOV, ELOV, DABV, DABV, DABV, BARC, BARC, BARC, LLSC, LLSC, SIOV, SIOV, SMLC, SMLC, SMLC, BRRC, BRRC, BRRC, RUSC, ARCC, URIC, URIC, URIC, BAUV, BAUV, ZARC, ZARC, ZARC, JACV, MONV, MONV, SMRC, SMRC, SPBC, SPBC, SPBC, SJCC, SJCC, SJCC, TURJ, TURJ, TURJ, BENV, BENV, UREC, UREC, UREC, MOTC, MOTC, MOTC, PTGC, PTGC, PTGC.

14d 12h

2015 NOV

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like SUMG, WRAP, ESDC, FARO, NEEM, M31M, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like ARCES, PDG, SIRR, BZRS, etc.

CRSC 14 12:42:42.1±2.2, 49.79N; 156.01E, h1km±21km, ML5.2
MOS 14 12:42:43.0±1.0, 49.75N; 155.98E, h78km, mb4.9/22, Error ellipse: s-maj=7.8km s-min=3.0km az=73.7
NEIC 14 12:42:44.0±1.3, 49.78N; 156.01E, h63km±7km, mb4.6/86, Error ellipse: s-maj=16.3km s-min=10.6km az=137.0
IDC 14 12:42:46.2±1.8, 49.85N; 155.73E, h85km±15km, mb4.1/25, mb1.4/332, mb1mx4.2/52, mbtmp4.4/32, MS3.6/20, Ms1.3/620, ms1mx3.5/44, Error ellipse: s-maj=14.6km s-min=9.1km az=139.0
ISC 14 12:42:43.0±0.6, 49.71N; 156.05E; 0.04, h63km±4km, h63km±pp-P, n393, ±145/432, mb4.6/93, 9C-1D, Kuril

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

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like KPN, SPN, SPN, KIL, etc.

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TLY, Talaya, NJ2, Nanjing, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like AAK, Ala-Archa, CHTO, Chiang Mai, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Contains station data for 14d and 12h periods.

Table with columns: GTOI, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Contains station data for 2015 NOV period.

Table with columns: EIDS, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Contains station data for EIDS period.

IDC 14 12:46:07.8, 5.63N, 125.67E, h182km, mb5.0, ML4.0, MS4.0
NEIC 14 12:46:08.4, 1.8, 5.63N, 125.7E, 0.1, h200km, 7km, mb4.5-8.2, Error ellipse: s-maj=16.9km s-min=10.5km az=84.0

GUC 14 12:58:19.4, 0.7, 30.775S, 71.41W, h44km, 3km, ML4.3
NEIC 14 12:58:20.3, 2.5, 30.775S, 71.41W, 0.2, h47km, 7km, Error ellipse: s-maj=21.5km s-min=7.6km az=88.0

ISC 14 12:58:19.9, 0.7, 30.775S, 71.41W, 0.07, h47km, 7km, n63, i198/67, mb4.2/12, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Contains station data for ISC period.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, QSPA South Pole Pui, TKL Tukaleechee C, etc.

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

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

WEL 14 13:05:00.46, 12S, 166.15E, h16km, M4.6, Mw4.4. Moment Tensor Solution... Principal axes: ...

GUC 14 13:42:03.2, 0.8, 23.55S, 67.52W, h214km, M4.0, ML4.0. ISC 14 13:42:03.4, 1.5, 23.55S, 0.0667, h202km, 17km, n21, o093/31, 8C, Chile-Argentina border region

ms1mx2.4/57, Error ellipse: s-maj=55.2km s-min=25.8km az=38.0, Off west coast of northern Sumatra

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

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

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

WEL 14 13:05:32.3, 1.5, 46.08S, 106.166E, 0.05, h15km, M3.9, n87, f128/86, mb4.3/9, MS3.6/3, Off west coast of South Island

WEL 14 13:52:00.46, 03S, 166.26E, h17km, ML3.9, Mw3.8. Moment Tensor Solution... Principal axes: ...

ms1mx2.5/57, Error ellipse: s-maj=55.2km s-min=25.8km az=38.0, Off west coast of northern Sumatra

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

14d 14h

Table listing astronomical observations for 14d 14h, including station names, coordinates, and observation times.

2015 NOV

Main table listing astronomical observations for 2015 NOV, including station names, coordinates, and observation times.

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Table listing astronomical observations for 878, including station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like BO01 Tunca, APLL PUNTA DE LOS L, ACHE Chepes, etc.

WEL 14 14:31:00, 46.10S, 166.19E, h25km, ML4.1, Mw3.9, Moment Tensor Solution, s3 Moment tensor: Scale 1014 Nm...

WEL 14 14:31:40.9, 1.2, 46.5S, 166.6E, h5km, M4.1/9, ML4.3/9, MLv4.1/9 Error ellipse: s-maj=0.0km s-min=0.0km az=72.2, Off west coast of South Island

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like PYZ Puysegur Point, DCZ Deep Cove, WHZ Wether Hill, etc.

SKHL 14 14:34:40.5, 0.6, 46.32N, 136.16E, h437km, 3km, mb4.5/11, mbv4.5/1, msb4.5/3, msh4.4/3

MOS 14 14:34:40.6, 0.8, 46.40N, 136.07E, h438km, mb4.2/21, Error ellipse: s-maj=9.7km s-min=6.4km az=89.8

JMA 14 14:34:40.2, 0.1, 46.29N, 136.13E, h449km, 2km, M4.1 NIED 14 14:34:40.3, 46.29N, 136.13E, h449km, MW4.3, Moment Tensor Solution...

Fault plane solution: Ms3.24000x1015 NP1: 6s189.00000, 6s9.00000, 1.93.00000... NP2: 6s1.00000, 6s21.00000, 1.83.00000

IDC 14 14:34:41.7, 0.7, 46.45N, 136.02E, h429km, 7km, mb3.6/29, mb1.3/7.38, mb1.1mx3.5/8.3, mbtmp4.4/38 Error ellipse: s-maj=8.5km s-min=7.8km az=135.0

NEIC 14 14:34:41.5, 1.5, 46.46N, 136.1E, 0.2, h431km, 7km, mb4.2/63, Error ellipse: s-maj=15.5km s-min=13.7km az=121.0

ISC 14 14:34:41.2, 0.5, 46.36N, 136.14E, 0.04, h432km, 6km, n226, s15/13/264, mb4.2/77, 8C-6D, Primorye

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like TEY Ternei, KHBR Khabarovsk, JRB Rebutno, etc.

Main table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like KLR Kul'dur, KLR Kul'dur, JSH Shakotan, etc.

Main table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like JMN Monobe, JHJ Hachijima, JMA Mitsune, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like PKI Pulchoki, GHO Gully Hole Cre, DMN Damian, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like ELK Elko, NVAR Alina Array, BW06 Boulder Array, etc.

FUNV 14 14:48:41.1, 8.39N, 71.41W, h9km, MW3.1
ISC 14:48:41.3, 1.6, 8.477N, 0.04:71.37W, 0.03, h14km, 13km, n22, 1935/38, Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like SOCV Socops, SOCV Socops, SDV Santo Domingo, etc.

IDC 14:53:51.2, 1.9, 5.00S:133.86E, h0km, mb3.6/1, mb1 3.7/6, mb1mx3.4/32, mbtmt3.6/6, ML3.5, MS2.8/1, Ms1 3.4/7, ms1mx2.1/32, Error ellipse: s-maj=0.37km s-min=15.1km az=85.0

ISC 14:53:53.1, 0.9, 5.06S:133.8E, 0.1, h25km, 3km, 63R17/10, Aru Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like SIJI Sorong, SIJI Jayapura, WRA Warramunga Arr, etc.

SJA 14:54:49.5, 0.7, 29.27S:72.25W, h20km, 7km, ML4.4, MW4.3

IDC 14:54:51.9, 1.1, 29.36S:71.77W, h0km, mb3.9/2, mb1 4.0/6, mb1mx3.8/29, mbtmt3.8/6, ML3.6/4, MS3.4/7, Ms1 3.4/7, ms1mx3.2/21, Error ellipse: s-maj=38.2km s-min=30.5km az=103.0

GUC 14:54:54.2, 0.7, 29.42S:71.86W, h31km, 7km, ML4.4, NEIC 14:54:54.0, 2.5, 29.37S:71.93W, 0.1, h35km, 2km, mb4.9/2, ML4.4(GUC), Error ellipse: s-maj=16.4km s-min=7.3km az=91.0

ISC 14:54:50.0, 1.6, 29.36S:71.93W, 0.05, h1km, 10km, n91, e500/114, mb4.3/4, MS3.3/4, 1C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like CO05 La Serena, LCO Las Campanas, LCO Las Campanas, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like ACDDV Cerro Coronel, ACCO Catapilco, VCA Vinchina, etc.

EAF 14:50:04.1, 1.0, 19.66S:25.42E, h10km, MD4.1, Botswana

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

MOS 14 15:34:39.4, 1.0, 43.68N, 148.33E, h63km, mb4.2/9, Error ellipse: s-maj=9.8km s-min=8.1km az=129.7

IDC 14 15:34:40.3, 2.5, 43.67N, 148.20E, h52km, mb3.6/19, mb1 3.8/22, mb1mx3.7/44, mbtmp3.9/22, ML2.8/3, MS3.4/3, Ms1 3.4/3, ms1mx2.8/42, Error ellipse: s-maj=18.6km s-min=13.1km az=159.0

NEIC 14 15:34:40.7, 1.9, 43.50N, 148.3E, 0.1, h60km, 5km, mb4.1/10, Error ellipse: s-maj=13.6km s-min=12.5km az=176.0

JMA 14 15:34:40.5, 0.2, 43.47N, 147.88E, h0km, M4.1, SKHL 14 15:34:41.1, 1.0, 43.60N, 148.30E, h76km, mb4.5/6

ISC 14 15:34:40.4, 0.6, 43.61N, 148.20E, h146.2km, 0.06, h51.7km, n103, r1921/1177, mb4.0/26, 2D, East of Kuril Islands

Main table for 14d 16h section, listing station codes, names, coordinates, and observation details.

Main table for 2015 NOV section, listing station codes, names, coordinates, and observation details.

Main table for 882 section, listing station codes, names, coordinates, and observation details.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like FRU1 Bishkek, KUU Kurty, SOHO SOHO, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ASPA Alice Springs, AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TYV comp=Z,8.0nm,1.8s, TYV comp=Z,300nm,3.0s, BELG Belogoroye, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ITRB, PLCA, PCMB, ITGB, ARAG, ANBG, AOPP, AODB, PVLB, PWB, MACA, LVC, SDV, LPZA, ETMB, TBGT.

FUNV 14 16:54:57.9, 8.48N, 71.46W, h5km, MW3.2
ISC 14 16:54:56.6, 1.4, 8.15N, 0.03:71.41W:0.02, h3km, 11km, n25, a1510/42, I, Venezuela

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SOCV, SDV, CAPV, PAMC, OCAC, TAMC, LLaC, ELOV, DABV, BARC, BANC, SIQV, SMLC, BRRC, RUSC, BAUV, ZARC, MONV, SJCC, BENV, CHIC, TACV, PAVV, CACV, BIRV.

JMA 14 16:58:50.7, 0.4, 31.32N, 128.71E, h6km, 3km, M2.9, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like JSJ, JSJ, JSU, KJC.

IDC 14 17:07:22.6, 13.0, 14.89S, 165.59E, h0km, mb4.0/3, mb1.4/1.4, mb1mx3.6/43, mbtmp3.9/4, ML3.5/1, Error ellipse: s-maj=23.2km s-min=36.5km az=55.0, NEIC 14 17:07:22.7, 0.2, 14.75S, 0.2:166.08E, 0.08, h25km, 14km, mb4.1/7, Error ellipse: s-maj=28.7km s-min=8.4km az=194.0

ISC 14 17:07:22.6, 1.6, 14.65S, 0.1:166.09E:0.10, h35km, n13, a053/14, mb4.0/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SANVU, DZM, DZM, DZM, ONTNC, STKA, STKA, WBO, WBO, WBE, WRA, ASAR, BBOO, KNRA, FITZ, FITZ.

IDC 14 17:09:33.0, 1.1, 34.97N, 32.11E, h0km, mb3.6/5, mb1.3/6/12, mb1mx3.5/56, mbtmp3.5/12, ML3.6/7, MS4.5/1, Ms1.4/5.1, ms1mx2:75.7, Error ellipse: s-maj=21.1km s-min=16.2km az=75.0

DDA 14 17:09:34.7, 34.86N, 32.08E, h25km, 3km, MW3.5, NIC 14 17:09:35.0, 0.3, 34.91N, 32.11E, h19km, M3.8/7, Gll 14 17:09:35.0, 0.3, 34.85N, 32.14E, h10km, MD2.8/3, Mm3.0/10

ISC 14 17:09:36.4, 35.10N, 32.22E, h5km, ML3.3/18, ISC 14 17:09:34.9, 1.0, 34.88N, 0.02:32.11E:0.02, h15km, 6km, n115, a1556/168, mb3.5/5, Cyprus region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like AKMS, AKMS, AKMS, AKMS, NATA, NATA, NATA, NATA, NATA, NATA, ALFC, ALFC, ALFC.

Main table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ALFC, ALFC, ALFC, LEF, LEF, LEF, AKDN, ASGTA, ASGA, ASGA, CSS, CSS, CSS, ATHAL, ATHAL, AKIN, LFK, LFK, MVOU, MVOU, GAZI, GAZI, BOZY, TEKE, OSC1, PARAL, PARAL, BERE, BERE, AKKU, GULN, GULN, EREN, TISA, OSC2, OSC2, KARAG, IKL, ERMK, TEVE, KEBE, AKUM, KEFZ, SILI, HDMB, KIZK, KIZK, KSL, KKBE, AKAS, KFMN, SEYD, KORT, SEDI, BUCA, MERS, KMER, KERK, KERG, DED, DED, FEYF, KONT, BHL, DQRL, HNTI, ISF, ISF, DOGA, BRDR, WAGO, OFRI, MMAOB, MMAOB, MMAI, MMAI, BLGI, SHBL, GEM, GEM, YURE, YURE, YVAC, ALIN, ARG, SLTI, TAVA, TURN, MIMI, MIMI, KZIL, AKO, NIDE, NIDE, YER, HMDT, HMDT, MULA, UJAP, UJAP, PASA, PASA, AMAZ, AMAZ, DAT, DAT, DSI, YTRI, YTRI, KRYS, NISL, AYDN, KZIT, KZIT, BODT, BODT, USAK, USAK.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HCB, HCB, GHJ, SGZ, SGZ, ASF, ASF, BRTR, BRTR, ZFRI, ZFRI, SMO, PRNI, PRNI, KRMI, ELBS, HRFI, HRFI, MBRI, MBRI, EIL, EIL, EIL, EIL, IDI, IDI, AKAS, AKAS, GERES, KHC, KHC, FINES, ARCES, TORD, MKAR, SONM, YKA.

IDC 14 17:19:09.8, 1.4, 6.70S, 129.00E, h170km, 15km, mb3.4/2, mb1.3/7.7, mb1mx3.1/50, mbtmp4.1/7, Error ellipse: s-maj=21.0km s-min=11.6km az=106.0

ISC 14 17:19:09.2, 0.8, 6.83S, 0.06:129.01E:0.07, h156km, n22, a2543/26, mb3.7/4, Banda Sea

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BNDI, FAKI, SOEI, BRS, BRS, BATS, SIJI, SIJI, MTN, KDU, KNRA, FITZ, FITZ, FITZ, WRAP, WRA, WRA, COEN, COEN, ASAR, ASAR, WRSU, OOD, MULG, MKAR, KURBB.

IDC 14 17:21:58.1, 724.0, 66.07N, 38.17E, h0km, Error ellipse: s-maj=348.4km s-min=176.2km az=141.0

HEL 14 17:22:55.6, 0.2, 65.97N, 38.76E, h0km, ML1.8, Explosion KOLA 14 17:23:11.3, 65.98N, 38.21E, h0km, ML2.4, White sea

ISC 14 17:22:53.2, 2.9, 65.98N, 0.07:39.0E:0.2, h0km, n17, a1547/16, Baltic States-Belarus-Northern Russia

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LVZ, LVZ, LVZ, APA0, APA0, KU6, KU6, MSF, VRF, RNF, KEV, KEV, OUF, OUF, ARAO, H43R, I31KZ, I46RU, I34MN.

IDC 14 17:24:07.1, 2.0, 6.50N, 92.99E, h0km, mb3.5/7, mb1.3/6/8, mb1mx3.4/62, mbtmp3.5/8, ML3.4/1, MS3.6/2, Ms1.3/6/2, ms1mx3.0/38, Error ellipse: s-maj=77.7km s-min=20.6km

az=61.0
ISC 14 17:24:09.4:1.8, 6.6°N:02.93°E:0.3, h10km, n10, s137/8, mb3.5/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like Pallekele, Chiang Mai Arr, Makanchi Array, etc.

IDC 14 17:33:53.5:1.0, 0.23S:131.91E, h0km, mb3.8/6, mb1 3.9/9, mb1mx3.8/9, mbmtmp3.8/9, ML3.1/3, MS3.5/6, Ms1 3.5/6, ms1mx3.1/39, Error ellipse: s-maj=21.3km s-min=10.6km az=122.0

DJA 14 17:33:57.2:0.3, 0°S:4°13'2E, h10km, M4.2/10, mb4.1/5, MLV4.2/10

NEIC 14 17:33:59.7:2.6, 0.39S:0.08:131.64E:0.07, h41km, 6km, mb4.1/22, Error ellipse: s-maj=11.7km s-min=9.8km az=143.0

ISC 14 17:33:57.4:0.6, 0.34S:0.05:131.86E:0.05, h31km, n54, z290/51, mb4.1/11, Irian Jaya region

Main table for 887 containing station data for various locations like Sorong, Kappang, Warramunga Arr, etc.

ellipse: s-maj=24.1km s-min=17.2km az=87.0
ISC 14 17:41:52.2:0.8, 13.93S:0.07:167.2E:0.1, h200km, n62, s140/57, mb4.1/28, Vanuatu Islands

Main table for 887 containing station data for Vanuatu Islands like Saraoutou, Sarautou, Koumac, etc.

IDC 14 17:51:31.4:2.0, 6.36S:128.94E, h0km, mb3.6/1, mb1 3.6/3, mb1mx3.4/34, mbmtmp3.5/3, ML3.6/2, Error ellipse: s-maj=121.5km s-min=30.5km az=67.0, Banda Sea

Table for 887 containing station data for Banda Sea region like Warramunga Arr, etc.

ellipse: s-maj=8.0km s-min=5.0km az=99.0
IDC 14 18:26:54.5:2.1, 43.03N:145.80E, h75km, 17km, mb3.9/23, mb1 4.1/28, mb1mx4.0/44, mbmtmp4.2/28, MS3.4/19, Ms1 3.4/19, ms1mx3.1/71, Error ellipse: s-maj=16.4km s-min=12.6km az=161.0

Main table for 887 containing station data for the 14d 18h region like Nemuro, Kuril'sk, etc.

NOU 14 17:41:28.1, 12.14S:169.20E, h180km, mb4.1/19, Santa Cruz Islands region

NEIC 14 17:41:51.7:1.8, 13.98S:0.10:167.2E:0.2, h188km, 7km, mb4.3/23, Error ellipse: s-maj=24.3km s-min=13.4km az=78.0

IDC 14 17:41:57.9:2.6, 14°16'S:167°09'E, h246km, 23km, mb3.6/10, mb1 3.6/12, mb1mx3.4/45, mbmtmp4.1/12, Error

BUI 14 18:26:49.4:0.0, 42.92N:145.80E, h42km, mb5.0/21, mb4.4/36, ms3.9/7, Ms7 3.7/7

SKHL 14 18:26:50.2:0.2, 42.90N:145.90E, h50km, 9km, mb5.5/11, mbV4.9/2

NEIC 14 18:26:50.6:1.9, 42.88N:0.06:146.0E:0.1, h42km, 5km, mb4.7/15, Error ellipse: s-maj=11.9km s-min=8.8km az=105.0

JMA 14 18:26:50.5:0.1, 42.98N:145.80E, h47km, 1km, M4.4 JMA Felt III

NIED 14 18:26:50.6, 42.99N:145.80E, h47km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^19N; M3.36; Mw-1.13; Mw-2.23; Mw-0.96; Mw-2.28; Mw-1.93; Fault plane solution: Mw4.31000x10^15 NP1; 0.193.00000, 0.858.00000, 0.588.00000. NP2: 0.62.00000, 0.44.00000, 0.130.00000.

MOS 14 18:26:50.3:1.1, 43.02N:145.90E, h53km, mb4.5/11, Error

JSD Sado 7.62 232 Pn Pn 18 28 38.2 -0.4

JYT Yasato 8.02 245 Pn Pn 18 28 42.5 -1.8

TYV Tymovskoe 8.23 315 ePn Pn 18 28 42.2 +2.4

TYV comp=Z, 13nm, 0.7s pmax pmax

TYV comp=Z, 200nm, 4.2s pmax pmax

14d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MJAR, MJB9, GRNR, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMI, NRIK, J20K, etc.

888

Table with columns for station name, frequency, power, and other technical details. Includes stations like CCB, POKR, DOKY, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like SHENYANG, CHANGCHUN, TAIYUAN, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like KUL'DUR, YUK, YUH-ZH-SAKHALINS, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like TYV, TAGBIARAN, ZAYA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Borcka, DGTI, UMR, KBD, QRN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like RAYN, RAYN, GAZ, BZK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KWP, KWP, MMAL, OZUR, etc.

14d 19h

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KSC0 Kaye Shedlock, TUC Tucson, TUC Tucson, etc.

2015 NOV

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DBIC Dimbokro, DBIC Dimbokro, KIC Kosan Boka, etc.

898

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YAL Yalta, YAL Yalta, YAL comp=Z,1.1nm,0.2s, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PTGB Pitanga, ITRB Iturama, BOAV Boa Vista, etc.

NOU 14 19:36:31.8, 41.80S:175.61E, h3km, ML3.9/5, North Island, New Zealand

WEL 14 19:36:45.0, 42.3S:174.4E, h34km, 5km, M2.8/18, ML3.2/19, MLV2.8/18, Error ellipse: s-maj=0.0km

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

JMA 14 20:04:04.8, 0.4, 31.37N:128.74E, h12km, 3km, M3.2, IDC 14 20:04:05.9, 1.1, 31.36N:128.91E, h0km, mb3.3/4

ISC 14 20:04:06.7, 0.9, 31.40N:128.90E, h0km, mb1.4, e191/17, mb3.5/4, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, JSU Fukue jima 2, etc.

IDC 14 20:07:05.1, 1.3, 31.42N:128.75E, h0km, mb3.3/3, mb1.3/4.5, mb1mx3.3/4.5, mbtmp3.2/5, ML2.0/1, Error ellipse: s-maj=42.7km

JMA 14 20:07:05.8, 0.5, 31.43N:128.77E, h18km, M3.0, IDC 14 20:07:06.1, 1.1, 31.38N:128.84E, h0km, n10, e191/10/12, mb3.4/3, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, GOS1 Gosan-ri, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Fukue jima 2, JYAK Yakushimahirau, etc.

IDC 14 20:10:20.3, 1.5, 22.89S:177.38W, h0km, mb3.7/3, mb1.4/1.3, mb1mx3.6/3.5, mbtmp3.7/3, Error ellipse: s-maj=70.5km

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

IDC 14 20:13:26.1, 1.9, 43.76N:105.53W, h0km, mb1.3/6/4, mb1mx3.3/5, mbtmp3.3/4, ML2.6/3, Error ellipse: s-maj=52.8km

NEIC 14 20:13:26.4, 1.7, 43.53N:105.105, h0km, 2km, ML3.4/36, Error ellipse: s-maj=10.5km

ISC 14 20:13:25.1, 1.0, 43.56N:105.105, h0km, n29, e171/23, Wyoming

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, RWWY Rawlins, etc.

ISC 14 20:14:27.9, 0.4, 33.97N:136.89E, h364km, 4km, M2.7, IDC 14 20:13:37.2, 1.1, 0.36, 44N:136.37E, h301km, 154km, mb3.1/4, mb1.3/4, mb1mx2.7/6.9, mbtmp3.8/4, Error ellipse: s-maj=57.2km

ISC 14 20:13:39.8, 1.3, 34.33N:126.63E, h0km, n16, e202/19, mb3.3/4, Western Honshu

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JIE Ise, TK02 Tokai 2, etc.

NIED 14 20:34:25.5, 3.1, 22N:128.65E, h9km, MW5.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^16Nm

JMA 14 20:34:25.0, 3.0, 31.22N:128.65E, h9km, 3km, M5.1, JMA Feil JJ1, IDC 14 20:34:26.0, 5.0, 31.31N:128.82E, h0km, mb4.7/46, mb1.4/8.5/1, mb1mx4.7/64, mbtmp4.6/51, ML3.8/6, MS4.5/32, KMA 14 20:34:27.0, 4.0, 31.00N:128.70E, h15km

NEIC 14 20:34:29.3, 1.7, 31.33N:128.85E, h10km, 1km, mb5.3/201, Mmw5.1, Error ellipse: s-maj=11.2km

GCMT 14 20:34:30.3, 0.2, 31.26N:101.128.71E:0.02, h12km, MW5.1/102, Moment Tensor Solution. s55, c79; s102, c182; Duration: 0 Moment tensor: Scale 10^16Nm

NEIC 14 20:34:31.3, 3.0N:128.88E, h12km, Moment Tensor Solution. Duration: 10.4 Moment tensor: Scale 10^16Nm

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, JYAK Yakushimahirau, etc.

ISC 14 20:34:28.1, 0.7, 31.24N:103.128.83E:0.03, h8km, 4km, n20, e130/84.5, mb5.1/232, MS4.8/54, 23C-9D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, GOS1 Gosan-ri, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CJD Chujado, KOHB KOHEUNG, BOSB Boseong-gun, etc.

JMA 14 20:33:27.9, 0.4, 33.97N:136.89E, h364km, 4km, M2.7, IDC 14 20:13:37.2, 1.1, 0.36, 44N:136.37E, h301km, 154km, mb3.1/4, mb1.3/4, mb1mx2.7/6.9, mbtmp3.8/4, Error ellipse: s-maj=57.2km

ISC 14 20:13:39.8, 1.3, 34.33N:126.63E, h0km, n16, e202/19, mb3.3/4, Western Honshu

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JIE Ise, TK02 Tokai 2, etc.

NIED 14 20:34:25.5, 3.1, 22N:128.65E, h9km, MW5.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^16Nm

JMA 14 20:34:25.0, 3.0, 31.22N:128.65E, h9km, 3km, M5.1, JMA Feil JJ1, IDC 14 20:34:26.0, 5.0, 31.31N:128.82E, h0km, mb4.7/46, mb1.4/8.5/1, mb1mx4.7/64, mbtmp4.6/51, ML3.8/6, MS4.5/32, KMA 14 20:34:27.0, 4.0, 31.00N:128.70E, h15km

NEIC 14 20:34:29.3, 1.7, 31.33N:128.85E, h10km, 1km, mb5.3/201, Mmw5.1, Error ellipse: s-maj=11.2km

GCMT 14 20:34:30.3, 0.2, 31.26N:101.128.71E:0.02, h12km, MW5.1/102, Moment Tensor Solution. s55, c79; s102, c182; Duration: 0 Moment tensor: Scale 10^16Nm

NEIC 14 20:34:31.3, 3.0N:128.88E, h12km, Moment Tensor Solution. Duration: 10.4 Moment tensor: Scale 10^16Nm

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, JYAK Yakushimahirau, etc.

ISC 14 20:34:28.1, 0.7, 31.24N:103.128.83E:0.03, h8km, 4km, n20, e130/84.5, mb5.1/232, MS4.8/54, 23C-9D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, JYAK Yakushimahirau, etc.

ISC 14 20:34:28.1, 0.7, 31.24N:103.128.83E:0.03, h8km, 4km, n20, e130/84.5, mb5.1/232, MS4.8/54, 23C-9D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, JYAK Yakushimahirau, etc.

ISC 14 20:34:28.1, 0.7, 31.24N:103.128.83E:0.03, h8km, 4km, n20, e130/84.5, mb5.1/232, MS4.8/54, 23C-9D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, JYAK Yakushimahirau, etc.

ISC 14 20:34:28.1, 0.7, 31.24N:103.128.83E:0.03, h8km, 4km, n20, e130/84.5, mb5.1/232, MS4.8/54, 23C-9D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, GOS1 Gosan-ri, etc.

ISC 14 20:34:28.1, 0.7, 31.24N:103.128.83E:0.03, h8km, 4km, n20, e130/84.5, mb5.1/232, MS4.8/54, 23C-9D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JSJ Shimokoshiki, GOS1 Gosan-ri, etc.

Table with columns for station call letters, frequency, power, polarization, and various signal quality metrics. Includes stations like HALB, GMDB, YNDB, etc., and their corresponding signal characteristics.

ZEA	comp=N,900nm,13.3s		MLR	MLR		
ZEA	comp=N,3um,8.0s		MLR	MLR		
GUMO	comp=Z,3um,9.0s		MLR	MLR		
ULN	comp=Z,955nm,18.6s,baz=325,slow=34	22.94 136	LR	LR	20 47 26.7	
ULN	Ulaanbaatar	23.49 321ceP	P	P	20 39 38.7 +0.3	
ULN	ULN		Pmax	Pmax		
ULN	Ulaanbaatar	23.49 321	P	P	20 39 37.1 -1.3	
CIT	Chita	23.60 336	eP	eP	20 39 40.5 +1.1	
CIT			e	e	20 39 46.5	
CIT			e	e	20 39 49.9	
CIT			e	e	20 40 16.1	
CIT			e	e	20 40 24.6	
CIT	comp=Z,131nm,1.7s		Pmax	Pmax		
KMI	Kunming	23.76 262	pP	P	20 39 40.0 -1.4	
KMI			pP	sP	20 39 45.3 +0.7	
KMI			sP	sP	20 39 46.5 +2.9	
KMI			PP	PnPn	20 40 14.6 +5.8	
KMI			Pmax	Pmax		
KMI	comp=Z,37nm,1.1s					
KMI	comp=Z,270nm,4.2s					
KMI	comp=Z,4um,15.1s		LR	LR		
KMI	comp=Z,2um,14.5s		LR	LR		
KMI	comp=Z,2um,9.9s		LR	LR		
SOMN	Songino Array	23.82 320	P	P	20 39 39.7 -2.0	
SOMN	comp=Z,16nm,0.9s,baz=137,slow=8.8,SNR=66		P	P	20 43 25.8 +1.0	
SOMN	comp=Z,0.9nm,0.7s,baz=107,slow=2.0,SNR=1.5		Lg	Lg	20 46 59.4	
SOMN	comp=Z,0.2nm,0.4s,baz=93,slow=30,SNR=1.7		LR	LR	20 49 54.4	
SOMN	comp=Z,3um,18.7s,baz=146,slow=39		P	P	20 39 40.9 -0.8	
SOMN	Songino Array	23.82 320	P	P	20 39 40.9 -0.8	
SOMN	comp=Z,17nm,0.8s		Pmax	Pmax		
SOMN	Songino Array	23.82 320	P	P	20 39 40.9 -0.8	
DAV	Davao City (W)	24.24 188	P	P	20 39 44.9 -0.7	
DAV	comp=Z,118nm,0.4s,baz=341,slow=3.8,SNR=1.8		LR	LR	20 48 46.9	
DAV	comp=Z,474nm,21.5s,baz=4.5,slow=35		LR	LR	20 39 46.2 -0.8	
SLVN	Son La	24.38 252	P	P	20 39 51.5 -0.7	
GTA	Gaotai	24.96 297	pP	sP	20 39 56.8 +1.4	
GTA			pP	sP	20 40 00.3 +5.9	
GTA			S	S	20 44 17.3 +1.2	
GTA			Pmax	Pmax		
GTA	comp=Z,240nm,5.5s		LR	LR		
GTA	comp=Z,3um,15.6s		LR	LR		
GTA	comp=Z,2um,14.9s		LR	LR		
GTA	comp=Z,3um,15.3s		LR	LR		
UBPT	Xhong Chiam	26.62 239	P	P	20 40 07.0 -0.2	
ZAK	Zakamens	26.97 322	eP	P	20 40 11.8 +1.5	
ZAK			Pmax	Pmax		
TLY	Talaya	27.57 325	P	P	20 40 14.6 -0.9	
TLY	comp=Z,4.0nm,0.7s,baz=198,slow=20,SNR=2.3		LR	LR	20 52 31.7	
TLY	comp=Z,2um,18.4s,baz=110,slow=39		P	P	20 40 19.0 +3.5	
TLY	Talaya	27.57 325	eS	S	20 44 57.3 +0.4	
TLY			Pmax	Pmax		
TLY	comp=Z,72nm,1.8s		MLR	MLR		
BOD	Bodaibo	28.46 343	eP	P	20 40 23.4 0.0	
BOD			Pmax	Pmax		
SPMM	Sapulut	28.84 206	P	P	20 40 29.0 +1.8	
CHTO	Chiang Mai	29.67 252	P	P	20 40 34.4 -0.1	
CHTO			Pmax	Pmax		
CHTO	comp=Z,8.0nm,1.1s					
CHTO	Chiang Mai	29.67 252	P	P	20 40 34.4 -0.1	
CM30	Chiang Mai Arr	29.86 252	P	P	20 40 35.2 -0.9	
CMAR	Chiang Mai Arr	29.86 252	P	P	20 40 35.5 -0.7	
CMAR	comp=Z,1.7nm,0.8s,baz=55,slow=6.2,SNR=20		P	P	20 43 40.4 +1.0	
CMAR	comp=Z,2.5nm,1.0s,baz=23,slow=1.3,SNR=8.7		LR	LR	20 51 14.0	
CMAR	Chiang Mai Arr	29.86 252ceP	P	P	20 40 36.5 +0.4	
CMAR			Pmax	Pmax		
CMAR	comp=Z,2.0nm,0.8s		P	P	20 40 35.5 -0.7	
CMAR	Chiang Mai Arr	29.86 252	P	P	20 43 39.8 +0.4	
CMAR			P	P	20 40 36.5 -2.6	
PETK	Petropavlovsk	30.23 35	P	P	20 52 03.5	
PETK	comp=Z,3.2nm,0.8s,baz=248,slow=15,SNR=1.9		LR	LR	20 52 03.5	
PETK	comp=Z,727nm,20.1s,baz=170,slow=35		LR	LR	20 40 38.7 -0.4	
PETK	Petropavlovsk	30.23 35	P	P	20 40 38.7 -0.4	
PETK	Petropavlovsk	30.23 35	P	P	20 40 44.1 +1.2	
PET	Petropavlovsk	30.66 36	eP	P	20 47 54.9	
PET			Pmax	Pmax		
PET	comp=Z,57nm,1.5s		MLR	MLR		
PET	comp=Z,1um,17.0s		MLR	MLR		
PET	Petropavlovsk	30.66 36	P	P	20 40 41.8 -1.1	
PET			IAMB	IAMB	20 40 46.2	
YAK	Yakutsk	30.80 1	P	P	20 40 43.0 -1.1	
YAK	comp=Z,1.8nm,0.5s,baz=176,slow=16,SNR=4.4		LR	LR	20 52 36.0	
YAK	comp=Z,524nm,18.5s,baz=164,slow=35		P	P	20 40 41.9 -2.1	
YAK	Yakutsk	30.80 1	eP	S	20 45 42.0 -5.4	
YAK			eS	S	20 47 23.7 -0.3	
YAK			eSS	ScP		
YAK			Pmax	Pmax		
YAK	comp=Z,10.0nm,1.0s					
YAK	comp=N,5.0nm,0.9s		Pmax	Pmax		
YAK	comp=E,3.0nm,1.0s		Pmax	Pmax		
YAK	comp=E,114nm,5.3s		smax	smax		
YAK	comp=N,166nm,4.5s		MLR	MLR		
YAK	comp=Z,1um,12.0s		MLR	MLR		
YAK	comp=N,807nm,11.0s		MLR	MLR		
YAK	Yakutsk	30.80 1	P	P	20 40 42.7 -1.3	
TOLJ	Tolitoli	30.92 196	P	P	20 40 45.9 +0.4	
LBMI	Labuha	31.73 183	P	P	20 40 52.2 -0.5	
LBMI	comp=N,22nm,0.8s					
MPSI	Mapaga	31.88 197	P	P	20 40 53.9 -0.1	
MPSI	comp=N,401nm,comp=N,27nm,1.4s		pP	sP	20 40 57.8 +0.6	
MA2	Magadan	31.94 21	P	P	20 40 53.2 -0.8	
MA2	comp=N,24nm,1.0s,baz=195,slow=10,SNR=5.6		P	P	20 40 53.6 -0.5	
MA2	Magadan	31.94 21ceP	P	P	20 40 53.6 -0.5	
MA2			Pmax	Pmax		
MA2	comp=Z,22nm,1.0s		P	P	20 40 53.0 -1.1	
MA2	Magadan	31.94 21	P	P	20 40 56.1	
MA2	comp=Z,53nm,1.1s		IAMB	IAMB		
SIJ	Sorong	32.02 175	P	P	20 40 54.1 -1.1	
SIJ	comp=Z,4.4nm,0.6s,baz=324,slow=3.5,SNR=4.3		P	P	20 43 44.7 -0.4	
SIJ	comp=Z,5.6nm,0.9s,baz=10,slow=5.4,SNR=3.8		P	P	20 40 59.8 +0.6	
LSA	Lhasa	32.41 277	P	P	20 40 59.8 +0.6	
LSA	comp=Z,16nm,1.3s		Pmax	Pmax		
LSA	Lhasa	32.41 277	P	P	20 40 57.3 -1.9	
LSA			Pmax	Pmax		
LSA	comp=Z,8.0nm,1.0s		P	P	20 40 57.3 -1.9	
LSA	Shibu	32.65 212	P	P	20 41 02.0 +1.2	
SHL	Shillong	32.88 269	P	P	20 41 01.6 -1.4	
SHL			Pmax	Pmax		
SHL	comp=Z,14nm,0.8s		Pmax	Pmax		
SHL	Shilong	32.88 269	P	P	20 41 01.6 -1.4	
SHL	Sanana	32.22 185	P	P	20 41 04.5 -1.2	
SHL	comp=Z,22nm,1.1s		P	P	20 41 18.0 +1.9	
KSM	Kuching	34.41 219	P	P	20 41 18.0 +1.9	

WMQ	Urumqi	34.61 303	P	P	20 41 18.3 +0.6	
WMQ			pP	sP	20 41 25.9 +5.0	
WMQ			sP	pP	20 41 28.8 +8.8	
WMQ	comp=Z,30nm,1.3s		Pmax	Pmax		
WMQ	comp=Z,290nm,3.7s		LR	LR		
WMQ	comp=Z,2um,14.5s		LR	LR		
WMQ	comp=Z,2um,12.5s		LR	LR		
WMQ	comp=Z,1um,16.7s		LR	LR		
MTKY	Muara Teweh, K	34.64 205	P	P	20 41 20.1 +2.0	
SEY	Seymchan	35.10 19	P	P	20 41 22.0 +0.4	
SEY	comp=Z,11nm,0.9s,baz=214,slow=6.4,SNR=13		P	P	20 41 22.0 +0.4	
SEY	Seymchan	35.10 19	P	P	20 41 22.0 +0.4	
STKI	Sintang	35.10 211	P	P	20 41 23.4 +1.3	
JAY	Jayapura	35.42 159	LR	LR	20 52 58.6	
JAY	comp=Z,576nm,21.9s,baz=352,slow=31		LR	LR		
TAPN	Tapejung	35.93 274	eP	P	20 41 29.1 -0.4	
DGZ	Jazzator, Alta	35.93 313	iP	P	20 41 29.6 +0.5	
ODAN	Odare	36.34 274	eP	P	20 41 32.4 -0.5	
BBKI	comp=Z,35nm,0.8s		P	P	20 41 38.9 +0.6	
BBKI	comp=Z,972nm,comp=Z,4700nm,1.5s		P	P	20 41 39.8 -0.1	
JIRN	Jiri	37.14 276	eP	P	20 41 39.8 -0.1	
BKSI	comp=Z,48nm,1.1s		P	P	20 41 40.1 -0.7	
BKSI	Bulukumba	37.30 194	P	P	20 41 40.1 -0.7	
BKSI	comp=Z,9.8nm,1.1s		P	P	20 41 44.1 +1.5	
PBKI	Pangkalan Bu	37.51 209	P	P	20 41 44.1 +1.5	
PBKI	comp=Z,59nm,1.1s		P	P	20 41 45.0 +1.4	
MYKOM	Kota Tinggi	37.62 224	P	P	20 41 45.2 -0.5	
PKI	Pulchoki	37.83 276	eP	P	20 41 45.2 -0.5	
KKN	Kakani	38.88 276	eP	P	20 41 45.6 -0.4	
BSSI	Bau Bau, Buton	38.02 194	P	P	20 41 47.5 +0.6	
BSSI	comp=Z,65nm,1.4s		P	P	20 41 47.5 +0.6	
DMN	Daman	38.08 276	eP	P	20 41 47.8 +0.1	
GKN	Gorkha	38.37 277	eP	P	20 41 49.4 -0.6	
ZAAO	Zalesovo Array	38.70 319	P	P	20 41 51.5 -0.9	
ZAAO			P	P	20 44 00.3 -0.7	
ZALV	Zalesovo Beam	38.70 319	P	P	20 41 51.5 -0.8	
ZALV	comp=Z,5.4nm,1.0s,baz=106,slow=7.9,SNR=14		P	P	20 44 02.7 -1.3	
ZALV	comp=Z,6.5nm,0.8s,baz=96,slow=4.5,SNR=9.8		P	P	20 44 02.7 -1.3	
ZALV	comp=Z,2um,19.1s,baz=114,slow=38		LR	LR	20 59 07.4	
ZALV	Zalesovo Beam	38.70 319	P	P	20 41 51.0 -1.3	
ZALV			P	P	20 44 03.4 -0.6	
ZALV			P	P	20 41 52.6 -0.4	
MK31	Makanchi Array	38.76 307	P	P	20 41 52.6 -0.4	
MK31			Pmax	Pmax		
MK31	comp=Z,12nm,1.1s		P	P	20 41 52.6 -0.4	
MK31	Makanchi Array	38.76 307	P	P	20 41 52.6 -0.4	
MKAR	Makanchi Array	38.76 307	P	P	20 41 57.1 -1.3	
MKAR	comp=Z,6.6nm,0.8s,baz=96,slow=10.0,SNR=9.0		P	P	20 44 02.9 -1.5	
MKAR	comp=Z,8.0nm,1.0s,baz=80,slow=4.1,SNR=9.9		LR	LR	20 58 16.8	
MKAR</						

14d 20h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like L20K, O19K, H21K, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SCRK, MORW, J26L, etc.

902

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

903

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like LANS, BALB, ELL, PSZ, MORC, YVHS, etc.

2015 NOV

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like STAL, MOTA, SOTA, SQUA, etc.

14d 20h

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like DUG, LRM, BW06, PD31, etc.

14d 20h

Table with 5 columns: Station Name, Frequency, Power, Modulation, and SNR. Includes stations like LPAZ La Paz, CPUP Villa Florida, etc.

TRN 14:20:39:36.7, 10.64N, 62.78W, h65km, MD3.7
FUNV 14:20:39:37.8, 10.63N, 62.72W, h79km, MMV4.2
ISC 14:20:39:35.7, 10.61N, 62.75W, 0.03, h91km, 12km, n22, c1521/35, 2C, Near coast of Venezuela

Main table for 14d 20h section, listing station names, frequencies, and various parameters like Azimuth, Phase ID, Time, Res, and SNR.

PRU 14:20:43:01.2, 0.51, 48N, 16.19E, h0km
ISC 14:20:43:01.0, 2.1, 51, 48N, 10.10, 16.17E, 0.05, h0km, n15, c0578/29, Poland

Main table for 14d 20h section, listing station names, frequencies, and various parameters like Azimuth, Phase ID, Time, Res, and SNR.

BEO 14:20:43:55.5, 1.2, 43, 34N, 28.71E, h0km, ML3.4/12
SOF 14:20:44:10.9, 43, 40N, 27.27E, h21km, MD3.2
ISK 14:20:44:12.5, 43, 08N, 27.35E, h5km, ML2.9/13
CFUSG 14:20:44:15.4, 43, 49N, 27.59E, h35km, mb2.7/2, MD3.2/2, Bulgaria Magtype MSH 3.1 from 3 stations

ISC 14:20:44:11.9, 1.0, 43, 39N, 0.02, 27.30E, 0.02, h26km, gkm, n92, c1929/123, 54C-16D, Bulgaria

Main table for 14d 20h section, listing station names, frequencies, and various parameters like Azimuth, Phase ID, Time, Res, and SNR.

2015 NOV

Main table for 2015 NOV section, listing station names, frequencies, and various parameters like Azimuth, Phase ID, Time, Res, and SNR.

JMA 14:20:54:55.9, 0.1, 24, 77N, 122.39E, h37km, 3km, M2.3
TAP 14:20:54:56.4, 24, 80N, 122.30E, h11km, ML2.9, C
ISC 14:20:54:54.3, 1.1, 24, 80N, 122.46E, 0.02, h13km, gkm, n86, c0584/144, Taiwan region

Main table for 2015 NOV section, listing station names, frequencies, and various parameters like Azimuth, Phase ID, Time, Res, and SNR.

904

Main table for 904 section, listing station names, frequencies, and various parameters like Azimuth, Phase ID, Time, Res, and SNR.

14d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ITAB Concordia, LSZ Lusaka, BOAV Boa Vista, BOS Boshof, BOS Boshof, GERES GERES Array B, AKASG Malin Array Be, AKASG Malin Array Be, FINES FINESS Array B, ASAR Alice Springs, WRA Warramunga Arr.

IDC 14 21:28:11.8, 3.1, 35.29N, 28.77E, h0km, mb3.5/4, mb1 3.5/6, mb1mx3.3/44, mbtm3.4/6, ML3.4/2, Error ellipse: s-maj=64.3km s-min=26.3km az=177.0

Main table for 14d 21h section, listing station codes (ARG, KSL, AKAS, etc.), station names, and their respective coordinates and phases.

2015 NOV

Main table for 2015 NOV section, listing station codes (DOGA, ERMK, AKOT, etc.), station names, and their respective coordinates and phases.

906

Main table for 906 section, listing station codes (KSMGV, KSCEA, KSVOW, etc.), station names, and their respective coordinates and phases.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Guam, Ulanabaatar, Kunming, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KRNET 14 21:46:03.9, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KRNET 14 21:46:12.5, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ILDC 14 21:49:08.8, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LPAZ La Paz, VILB Vilhena, etc.

14d 22h
IDC 14 21:53:07.3, 1.3, 0.67N-28.72W, h0km, mb3.9/10, mb1 4.0/10, mb1mx3.8/43, Error ellipse: s-maj=49.1km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like IDC 14 21:53:09.3, etc.

IDC 14 21:58:10.9, 1.3, 31.26N-128.70E, h0km, mb3.7/3, mb1 3.9/6, mb1mx3.5/43, mbtmp3.7/10, ML3.8/2, MS3.5/2, Ms1 3.5/2, ms1mx2.8/44, Error ellipse: s-maj=31.0km

JMA 14 21:58:10.7, 0.3, 31.27N-128.71E, h14km, 3km, M4.0, mb1 4.0/10, mb1mx3.8/43, Error ellipse: s-maj=109.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like IDC 14 21:58:10.7, etc.

IDC 14 22:03:02.2, 0.7, 52.66N-169.54W, h0km, mb3.8/12, mb1 4.1/15, mb1mx3.9/48, mbtmp3.9/15, ML3.4/3, Error ellipse: s-maj=23.6km s-min=14.4km az=176.0

AEIC 14 22:03:04.9, 2.2, 52.60N-169.32W, 0.05, h16km, 3km, ML3.9/38, mb4.0/35(NEIC), Error ellipse: s-maj=7.0km s-min=2.7km az=152.0

NEIC 14 22:03:07.1, 1.8, 52.75N-169.39W, 0.07, h30km, 5km, Error ellipse: s-maj=12.8km s-min=4.6km az=161.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like IDC 14 22:03:06.8, etc.

Table with columns: JTN, Tanegashima 3, 1.98 97 P, Pn, 22 35 33.0 -1.1, etc. Includes stations like Tanegashima 3, Takazaki, Nakatsu, etc.

Table with columns: SCHQ Schefferville, 93.56 9 LR, LR, 23 32 54.0, etc. Includes stations like Schefferville, Sonseca Array, etc.

Table with columns: GERES GERES Array B, 44.88 304 P, P, 22 46 35.8 +2.2, etc. Includes stations like GERES Array B, NORPAR Array S, etc.

14d 23h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GLVR, GLVZ, GLVX, etc.

FUNV 14 23:11:59.7, 8.43N, 71.43W, h1km, MW3.0
ISC 14 23:12:00.1, 1.3, 8.45N, 0.05:71.41W, 0.03, h13km, 12km,

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

IDC 14 23:18:30.6, 1.8, 23.97S, 179.97W, h496km, 1.7km, mb3.1/5,
mb1 3.4/7, mb1mx3.1/34, mbtmp4.1/7, Error ellipse:

NOU 14 23:18:31.8, 24.14S, 179.80E, h482km, mb4.1/13, South
of Fiji Islands

2015 NOV

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GLKZ, LKBA, MSFV, etc.

ATH 14 23:41:11.1, 39.05N, 21.82E, h14km, 2km, ML1.5/5, Error
ellipse: s-maj=3.2km s-min=1.5km az=129.0, Greece

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

THE 14 23:41:26.1, 38.33N, 20.47E, h14km, 1km, ML0.9/2, Error
ellipse: s-maj=1.6km s-min=0.6km az=275.0, Greece

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KEF4, KEF4, DMLN, etc.

IDC 14 23:42:02.1, 1.0, 27.03S, 176.39W, h0km, mb4.0/8,
mb4.2/10, mb1mx3.9/39, mbtmp4.0/10, ML4.1/2, MS3.6/9,

910

Msl 3.6/9, mslmx3.2/36, Error ellipse: s-maj=29.5km
s-min=22.1km az=101.0,
NEIC 14 23:42:02.7, 2.8, 26.91S, 0.09:176.12W, 0.06, h10km, 1km,

ISC 14 23:42:02.7, 0.7, 26.98S, 0.09:176.2W, 0.1, h10km, n30,
c1927/27, mb4.2/12, MS3.6/7, South of Fiji Islands

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

IDC 14 23:42:54.5, 4.5, 36.16N, 71.09E, h170km, 48km, mb3.4/7,
mb1 3.4/11, mb1mx3.0/59, mbtmp3.8/11, Error ellipse:

SOME 14 23:43:05.3, 37.13N, 71.35E, h0km
ISC 14 23:43:00.3, 0.9, 36.57N, 0.06:71.24E, 0.10, h200km, n40,
c1917/37, mb3.4/6, 7C-2D, Afghanistan-Tajikistan border
region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CEP, CHCP, THW, IUG, etc.

Table with columns: AKTO, ZALV, FINES, ARCES, NOA, TORO, WRA, ASAR. Includes station names, coordinates, and times.

TUL 14 23:43:12.2-0.9, 36.80N-102.9867W-0.02, h2km, 7km, ML2.8, mb, Lg2.49(NEIC), Error ellipse: s-maj=3.4km s-min=2.2km az=143.0

NEIC 14 23:43:12.7-0.8, 36.80N-102.9867W-0.02, h2km, 7km, Error ellipse: s-maj=3.5km s-min=2.2km az=143.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Salt Plains WL, Winter Ranch, etc.

ADC 14 23:46:55.7-2.1, 1.06N-126.45E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.2/35, mbmtmp3.5/3, Error ellipse: s-maj=173.5km s-min=26.6km az=65.0

DJA 14 23:47:01.7-1.9, 1.1N-16.12E, h18km, 24km, M3.4/7, ML3.4/7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TNTI, KMSI, LEMI, etc.

ADC 14 23:53:50.2-1.3, 2.2267N-143.90E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.7/37, mbmtmp3.9/9, ML3.8/1, Error ellipse: s-maj=45.9km s-min=24.3km az=75.0

ADC 14 23:53:55.8-1.1, 1.2277N-101.1433E-0.3, h35km, n15, az=92/10, mb3.7/7, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JCJ, KSRs, H1N1, etc.

JMA 15 00:10:33.9-0.3, 31.35N-128.78E, h7km, 3km, M3.8 NIED 15 00:10:34.0, 31.35N-128.78E, h7km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mm-2.1; Mss1.88; Mss-0.66; Mss0.53; Mss1.2; Mm-2.90; Fault plane solution: Mw5.88000x10^14 NP1:16.00000, 875.00000, -141.00000. NP2:274.00000, 852.00000, -19.00000.

ADC 15 00:10:35.5-1.1, 31.57N-128.30E, h0km, mb3.5/5, mb1 3.5/8, mb1mx3.4/47, mbmtmp3.4/8, ML3.5/2, MS2.6/1, Ms1 2.6/1, ms1mx2.2/31 Error ellipse: s-maj=25.3km

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s-min=17.0km az=89.0 ISC 15 00:10:34.9-0.9, 31.45N-128.89E-0.06, h10km, n16, az=189/20, mb3.4/5, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JSJ, JFU, JFU, etc.

NIED 15 00:15:28.6-0.45, 04N-142.06E, h267km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mm-2.81; Mss2.83; Mss-0.02; Mss3.14; Mss-2.16; Mm-2.30; Fault plane solution: Mw5.18000x10^14 NP1: 0.306.00000, 870.00000, -83.00000. NP2: 0.106.00000, 821.00000, -1.108.00000.

JMA 15 00:15:28.6-0.2, 45.04N-142.06E, h267km, 2km, M3.5 ADC 15 00:15:29.0-0.5, 45.03N-142.04E, h259km, 5km, mb3.1/9, mb1 3.4/13, mb1mx3.2/46, mbmtmp3.8/13, Error ellipse: s-maj=16.7km s-min=12.2km az=136.0

SKHL 15 00:15:29.4-0.5, 45.10N-142.00E, h257km, 52km, mb4.5/5, Error ellipse: s-maj=16.7km s-min=12.2km az=136.0

ISC 15 00:15:29.3-0.6, 44.93N-142.09E-0.06, h263km, 5km, n40, az=133/55, mb3.5/13, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JSE, JWK, JRR, etc.

YSS 270nm, 0.3s az=23.5 E S 00 16 45.4 -2.4 00 16 46.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JAR, JAR, JEW, etc.

PETK 15 00:16:26.7-0.0, 1.16N-102.55E, h0km, 46 P 00 18 26.7 0.0

SEY 15 00:19:29.9-0.9, 0.8nm, 0.3s, baz=205, slow=6.3, SNR=11

SOMN 15 00:20:26.4+0.2, 0.9nm, 0.7s, baz=80, slow=9.0, SNR=11

ILAR 15 00:22:58.5-1.3, 0.8nm, 0.6s, baz=274, slow=9.4, SNR=16

INR 15 00:23:34.1-1.0, 1.2nm, 0.4s, baz=292, slow=5.1, SNR=5.6

ASAR 15 00:26:05.7+1.2, 0.1nm, 0.7s, baz=2, slow=4.4, SNR=9.5

PDAR 15 00:26:23.9+0.4, 0.4nm, 0.6s, baz=280, slow=2.2, SNR=4.8

ADC 15 00:15:38.8-1.9, 0.2403S-177.42W, h614km, 90km, mb2.9/3, mb1 3.1/4, mb1mx2.8/27, mbmtmp4.0/4, Error ellipse: s-maj=389.4km s-min=97.3km az=95.0

NEIC 15 00:15:55.8-2.1, 23.4S-0.2-179.7E-0.1, h562km, 19km, mb4.1/12, Error ellipse: s-maj=23.5km s-min=18.0km az=154.0

ISC 15 00:15:55.1-0.7, 23.6S-0.1x179.69E-0.09, h548km, n20, az=184/21, mb4.0/9, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MSVF, NSNV, NIUE, etc.

Table with columns: BBOO, AS31, ASAR, WRO, WBO, WRA, WRA, KNRA, FITZ, FITZ, SBA, SBA, MORV, MORV, QSPA, QSPA. Lists stations and their coordinates.

ADC 15 00:19:23.6-9.4, 18.50S-175.09W, h117km, 46km, mb3.5/3, mb1 3.7/4, mb1mx3.3/33, mbmtmp3.9/4, MS2.5/1, Ms1 2.5/1, ms1mx2.3/22, Error ellipse: s-maj=317.7km s-min=31.6km az=142.0

NEIC 15 00:19:29.2-1.3, 18.4S-0.2-175.0W-0.1, h166km, 10km, mb4.1/5, Error ellipse: s-maj=22.6km s-min=16.5km az=199.0

ISC 15 00:19:27.6-0.9, 18.3S-0.1x175.02W-0.09, h160km, n12, az=184/13, mb4.0/6, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like NIUE, NIUE, AFI, AFI, FUNA, URZ, WBO, WBO, WRA, WRA, AS31, AS31.

ADC 15 00:26:58.2-2.5, 17.69S-168.03E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/35, mbmtmp3.7/4, ML3.5/1, Error ellipse: s-maj=61.0km s-min=41.9km az=122.0

NOU 15 00:27:02.8, 18.06S-167.94E, h0km, MLV.4/3/1, Vanuatu Islands

ISC 15 00:27:03.5-1.0, 17.96S-0.09-168.1E-0.1, h32km, n14, az=88/15, mb3.6/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like DVP, RTV, LIFNC, LIFNC, MARNC, YATNC, DZM, DZM, DZM, DZM, KOUNC, NOUC, QUENC, STKA, WRA, ARCES.

SOME 15 00:42:33.7-4.2, 38N-81.53E, h10km NNC 15 00:42:36.2-4.1, 42.27N-81.32E, h0km, mb2.5, mpv2.2, Error ellipse: s-maj=30.1km s-min=14.7km az=163.0

ISC 15 00:42:38.4-3.5, 42.4N-0.1-81.22E-0.09, h163km, 16km, n9, az=298/17, 5C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KTMS, KTMS, SHLS, SHLS, PDGK, PDGK, UZB, UZB, SATY, SATY, DJR, DJR, KAPS, KAPS, MAZK, MAZK, MAZK, MAZK, MK31, MK31, MK31, MK31.

ADC 15 00:50:19.8-1.2, 67.81N-20.28E, h0km, mb1 3.1/3, mb1mx2.9/34, mbmtmp3.0/3, ML1.8/3, Error ellipse: s-maj=18.7km s-min=9.7km az=118.0

UPP 15 00:50:19.3-0.0, 67.85N-20.29E, h0km, ML2.3, Explosion HEL 15 00:50:20.0-0.0, 67.84N-20.19E, h0km, ML2.0, ML2.3(UPP), Explosion

ISC 15 00:50:18.8-0.8, 67.84N-0.03-20.22E-0.02, h0km, n28, az=077/37, Sweden

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

15d 1h

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Table with columns: RATU, Laukkuluspa, 0.24 268 P, Pg, 00 50 23.9 +0.6, etc. Includes stations like ERTU, KLF, HARU, etc.

IDC 15:01:09:23.6:1.2, 127.19N:143.61E, h0km, mb3.9/6, mb1.4/2.6, mb1mx3.8/38, mbtmp3.9/6, Error ellipse: s-maj=56.8km s-min=23.6km az=125.0

ISC 15:01:09:27.5:1.0, 122N:02:143.6E:0.3, h25km, n13, r1514.8, mb3.8/6, Southwest of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMU, H11S3, H11S1, etc.

BJI 15:01:12:20.3:0.0, 30.81N:129.11E, h5km, mb4.5/33, mb4.3/48, ML4.7/3, Ms4.4/47, Ms7.4, 1/45

IDC 15:01:12:22.2:0.3, 31.33N:128.64E, h6km, MW4.4, Moment Tensor Solution, s3 Moment tensor: Scale 1015Nm; Mr=1.15; Mw=2.56; Ms=1.41; Mo=0.56; Mv=3.80; Mw=2.83;

IDC 15:01:12:23.9:1.9, 30.98N:0.06:128.88E:0.08, h10km, 1km, mb4.4/24, Error ellipse: s-maj=12.0km s-min=9.8km az=133.0

ISC 15:01:12:25.0:4.0, 31.25N:0.04:128.86E:0.03, h10km, n106, az=236/109, mb4.2/29, MS3.9/28, 1C-4D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JSJ, JSU, JFU, etc.

Main table with columns: KSRJ, Wonju Array Be, 6.23 353 Pn, Pn, 01 13 58.6 +1.6, etc. Includes stations like KSRK, KSRN, KSRP, etc.

Table with columns: CMAR, Chiang Mai Arr, 29.88 252 P, P, 01 18 31.5 -1.4, etc. Includes stations like PETK, WMQ, WMQ, etc.

Table with columns: ILAR, Eielson Array, 59.84, 20, P, P, 03 46 12.6 -0.2

BUI 15 04:16:17.7z.0.0, 4.47N, 127.62E, h110km, mB4.8/26, mb4.9/47

MAN 15 04:16:21.4, 5.36N, 127.47E, h1km, mb5.5, ML4.5, MS4.7

DJA 15 04:16:24.7z.0.4, 5.1N, 3.127E, h107km, 3km, M4.8/37, mB5.2/15, mb4.9/37, MLV5.0/12, Mw(mB)4.6/15

IDC 15 04:16:24.3z.1.2, 5.08N, 127.32E, h109km, 10km, mb4.3/26, mb1.4/31, mb1mx4.3/1, mbtmp4.7/31, MS3.1/10, Ms1.3/10, ms1mx2.9/39, Error ellipse: s-maj=12.8km s-min=8.0km az=75.0

NEIC 15 04:16:24.7z.1.4, 4.11N, 0.06z.127.31E, 0.07, h108km, 6km, mb4.8/36, Error ellipse: s-maj=12.6km s-min=4.7km az=46.0

KLM 15 04:16:25.5.21Nz.127.40E, h122km, mb5.0

ISC 15 04:16:24.1-0.3, 5.08N, 127.34E, 0.05, h108km, n321, e125/300, mb4.8/108, 5C-3D, Philippine Islands region

Main table for 915 with columns: Code, Station Name, Az, Az, Time, Res, ISC, h, m, s, ISC

Main table for 2015 NOV with columns: COEN, Coen, 24.59, 140, P, P, 04 21 33.4 -0.9

Main table for 15d 4h with columns: ODAN, Odare, 43.80, 304, eP, P, 04 24 19.3 -0.5

Table of astronomical observations for 15d 4h, listing objects like BPWA, ML2Y, MLYK, etc., with columns for name, magnitude, position, and other parameters.

Table of astronomical observations for 2015 NOV, listing objects like TORD, TORO, U40A, etc., with columns for name, magnitude, position, and other parameters.

Table of astronomical observations for 916, listing objects like BBOO, ZAAO, ZALV, etc., with columns for name, magnitude, position, and other parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like DANN Dangsing, USRK Ussuriysk Ar., PYUN SONGING Ar., etc.

INET 15 04:56:06.8, 12.68N, 89.92W, h28km, MW4.1
UCR 15 04:56:18.7, 0.9, 13.12N, 89.56W, h33km, 1km, ML4.4, mb4.5(NEIC)

SNET 15 04:56:18.6, 1.0, 13.12N, 89.56W, h35km, 3km, ML4.5
NEIC 15 04:56:18.8, 1.7, 13.08N, 0.05, 89.51W, 0.06, h48km, 89km, mb5.0/20, Md4.5(SNET), Error ellipse: s-maj=8.3km

IDC 15 04:56:21.2, 2.1, 13.38N, 89.19W, h72km, 20km, mb3.7/12, mb1.4/0.15, mb1.3m/3.762, mbmp4.1/15, MS3.3/8, Ms1.3/3.8, ms1mx3.0/43, Error ellipse: s-maj=30.4km s-min=13.6km az=41.0

GCG 15 04:56:23.0, 6.3, 13.44N, 89.86W, h80km, 27km, MD4.2
ISC 15 04:56:18.4, 0.9, 13.15N, 0.06, 89.56W, 0.05, h5km, 7km, n141, r106/164, mb4.2/13, MS3.1/7, 2C-34D, El Salvador

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like LALI Alcalda de L., LALI Alcalda de L., JAYA Jayaque - fnc, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like SNVI San Vicente, SNVI San Vicente, TACO Tacachico, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like ILAR Eielson Array, ARCES ARCES Array B, TORD Torod Ar, WRA Warrungarra Ar, CMAR Chiang Mai Ar.

NEIC 15 04:59:34.5, 0.8, 51.40N, 0.09, 178.05W, 0.05, h35km, 12km, ML3.6(AEIC), Error ellipse: s-maj=12.9km s-min=4.7km az=173.0

AEIC 15 04:59:33.1, 0.5, 31.13N, 0.09, 178.01W, 0.07, h38km, 10km, Error ellipse: s-maj=13.1km s-min=5.0km az=164.0

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like TAPL Tanaga Flats, TAPA Tanaga Point A, TAFP Tanaga Southeast, etc.

IDC 15 05:03:28.9, 2.7, 11.34S, 122.74E, h0km, mb3.9/1, mb1.3/7.3, mb1mx3.4/mx3.9, mbmt3.0, ML3.4/2, Error ellipse: s-maj=242.6km s-min=32.9km az=50.0

DJA 15 05:03:34.4, 0.5, 10.5, 10.5, 4.2, 4E, h10km, M3.9/10, mb4.2/4, mb4.1/1, M1.3/3.10, Mw(mB)3.8/1

ISC 15 05:03:35.0, 5.8, 10.51S, 10.07, 124.11E, 0.07, h27km, n12, r184/15, Timor region

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like BATI Baunata, SOEI Soe, MORE Maumere, etc.

NOU 15 05:11:45.9, 24.86S, 175.15W, h0km, mb5.0/15, South of Tonga Islands

IDC 15 05:11:48.6, 0.6, 24.65S, 176.07W, h0km, mb4.7/21, mb1.4/8.21, mb1mx4.7/46, mbmp4.7/21, MS4.8/23, Ms1.4/8.23, ms1mx4.6/34, Error ellipse: s-maj=20.1km s-min=16.6km az=139.0

GCMT 15 05:11:54.1, 0.1, 24.76S, 0.01, 175.43W, 0.01, h21km, MW5.3/125, Moment Tensor Solution. s93, c140, s125, c204; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn: 0.95e-02; Mo: 0.04e-01; Mo: 0.91e-01; Mo: 1.8e-03; Mo: 0.17e-01; Mo: 0.62e-02; Best double couple: Mb1.14800x1017, NP1.9s188.00000, s28.00000, 25.00000; VFP2.1s14.00000, s62.00000, 1.93.00000

Principal axes: T: 1.1540, P1g73.000, Azm291.000; N: 0.0110, P1g3.000, Azm192.000; P: -1.1430, P1g17.000; Azm102.000; nst1 refers to body waves, cutoff=50s. Triangular moment-rater function

BUI 15 05:11:54.0, 0.2, 24.80S, 175.80W, h35km, mb5.7/17, mb5.3/30, Ms5.2/23, Ms7.4/9.23

NEIC 15 05:11:55.1, 7.4, 24.8S, 0.1, 175.8W, 0.1, h35km, 1km, mb5.0/92, Error ellipse: s-maj=19.9km s-min=17.7km az=50.0

ISC 15 05:11:52.1, 0.3, 24.98S, 0.06, 175.74W, 0.06, h27km, n272, r180/268, mb4.9/72, MS4.9/28, 16C-10D, South of Tonga Islands

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like NIUE Niue, NIUE Niue, MSFV Mont Dzumac, etc.

15d 5h

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like CMAR, WMO, SEY, FAKI, etc.

2015 NOV

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like I2IK, MLY, MDM, ILAR, etc.

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Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ULM, GUC, Code, Station Name, etc.

Table with columns: IJAR, Matushiro Arr, 9.46 52 LR, LR, 06 39 46.9

THE 15 06:34:22.3, 38°68'N-20°57'E, h4km, 1km, ML2.5/7, Error ellipse: s-maj=1.3km s-min=0.4km az=70.0

ATH 15 06:34:22.4, 38°68'N-20°57'E, h3km, 1km, ML2.6/2, Error ellipse: s-maj=2.3km s-min=0.7km az=298.0

ISC 15 06:34:20.9-0.8, 38°69'N-02°20.53E±0.05, h11km, 5km, n30, c091/51, Greece

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

IDC 15 06:37:19.7-2.4, 6°23'S-133°20'E, h0km, mb4.1/1, mb1.4/0.5, mb1mx3.5/35, mbtrmp3.9/5, ML3.8/4, Error ellipse: s-maj=83.8km s-min=28.7km az=78.0

ISC 15 06:37:22.3-1.1, 6°26S-0.06E-133.1E-0.2, h35km, n9, c381/9, Aru Islands region

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

IDC 15 06:58:35.1-0.7, 1°41'N-101°24'W, h0km, mb4.3/12, mb1.4/5/12, mb1mx4.3/27, mbtrmp4.3/12, MS3.8/18, Ms1.3/8/18, ms1mx3.7/33, Error ellipse: s-maj=33.3km s-min=13.6km az=53.0

NEIC 15 06:58:38.5-1.4, 1°41'N-101°24'W:0.1, h10km, 1km, mb4.5/110, Error ellipse: s-maj=23.8km s-min=15.1km az=227.0

ISC 15 06:58:37.5-0.6, 1°39'N-099°101'3W:0.1, h14km, n174, c099/150, mb4.5/64, MS3.9/16, Galapagos Triple Junction region

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

comp-Z, 8.8nm, 1.1s

Table with columns: ZARC, Zaragoza, Cauc, 26.99 76 P, P, 07 04 19.3 +0.1

WHTX comp-Z, 5.9nm, 1.2s

NATX comp-Z, 8.1nm, 0.9s

SDV comp-Z, 6.8nm, 0.8s

TBTG comp-Z, 6.3nm, 0.9s

X37A comp-Z, 4.5nm, 1.0s

ANMO comp-Z, 1.1nm, 1.1s

BCOK comp-Z, 1.2nm, 1.2s

TUL1 comp-Z, 6.4nm, 1.1s

WUAZ comp-Z, 7.4nm, 1.0s

T25A comp-Z, 7.9nm, 1.1s

MVCO comp-Z, 1.1nm, 1.2s

SDCO comp-Z, 7.8nm, 1.1s

ETMB comp-Z, 1.1nm, 0.9s

T42A comp-Z, 5.4nm, 0.9s

GSC comp-Z, 5.9nm, 1.1s

WWT comp-Z, 1.2nm, 1.1s

S39A comp-Z, 1.1nm, 1.1s

KNB comp-Z, 1.1nm, 1.2s

LPAZ comp-Z, 5.5nm, 0.8s, baz=284, slow=10.0, SNR=18

LCMT comp-Z, 1.1nm, 1.1s

OSM comp-Z, 1.1nm, 1.1s

PB11 comp-Z, 1.1nm, 1.1s

CCM comp-Z, 8.2nm, 1.2s

R40A comp-Z, 8.3nm, 0.9s

FVM comp-Z, 1.2nm, 0.9s

T47A comp-Z, 2.0nm, 1.4s

PB01 comp-Z, 1.2nm, 1.0s

MSU comp-Z, 1.2nm, 1.0s

Table with columns: P49A, Hardware Ranch, 41.10 348 Iamb, Iamb, 07 06 20.9

HWUT comp-Z, 1.0nm, 1.1s

PD31 comp-Z, 8.1nm, 1.1s

PDAR comp-Z, 2.6nm, 0.7s, baz=157, slow=4.9, SNR=3.8

PDAR comp-Z, 1.09nm, 18.7s, baz=114, slow=34

RSSD comp-Z, 6.2nm, 0.9s

MOOW comp-Z, 2.1nm, 1.2s

SIV comp-Z, 1.5nm, 0.9s, baz=339, slow=1.3, SNR=3.3

FLWY comp-Z, 8.9nm, 1.1s

ITTB comp-Z, 9.9nm, 0.9s

PLCA comp-Z, 3.2nm, 1.1s, baz=290, slow=13, SNR=3.1

CPUP comp-Z, 1.95nm, 19.8s, baz=334, slow=30

CPUP comp-Z, 6.1nm, 19.8s, baz=334, slow=30

SNDB comp-Z, 2.21nm, 19.3s, baz=284, slow=34

BDFB comp-Z, 2.21nm, 19.3s, baz=284, slow=34

YKA comp-Z, 3.8nm, 0.9s, baz=153, slow=6.7, SNR=6.0

USHA comp-Z, 1.12nm, 20.6s, baz=336, slow=31

RND comp-Z, 6.8nm, 20.8s, baz=133, slow=30

IL31 comp-Z, 2.2nm, 0.6s, baz=149, slow=5.6, SNR=29

AFI comp-Z, 7.6nm, 18.6s, baz=92, slow=31

PPLA comp-Z, 7.1nm, 1.2s

BMAR comp-Z, 4.3nm, 0.8s

H21K comp-Z, 7.5nm, 1.4s

H1S2 comp-Z, 1.1nm, 1.2s

H1S3 comp-Z, 1.1nm, 1.2s

NETK comp-Z, 4.9nm, 21.8s, baz=336, slow=29

BRTR comp-Z, 1.2nm, 18.3s, baz=5.0, slow=36

ASAR comp-Z, 2.0nm, 0.5s, baz=12, slow=8.1, SNR=3.5

ASAR comp-Z, 0.8nm, 0.8s, baz=106, slow=1.9, SNR=9.8

WRA comp-Z, 4.4nm, 0.9s, baz=218, slow=2.3, SNR=3.8

ZALV comp-Z, 1.3nm, 0.8s, baz=99, slow=1.9, SNR=13

KURB comp-Z, 1.2nm, 0.9s, baz=6.0, slow=1.4, SNR=6.9

PKP comp-Z, 0.4nm, 0.7s, baz=3.5, slow=4.3, SNR=3.8

CMAR comp-Z, 1.1nm, 0.4s, baz=335, slow=1.7, SNR=13

TRN 15 07:04:21.8, 15°32'N-61°11'W, h145km, MD3.6, Leeward Islands

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like TEYL Yanliu Villag, NNS Nan Shan, ETM Tongmen, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like KNMB Chin-men Tao, AXDP Jialian, ZPLA Ao Xicun, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like CRPR Cabo Rojo, PR, SC01 Santiago de lo, etc.

15d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like TKM2 Tokmak 2, MK31 Makanchi Array, MKAR Makanchi Array, etc.

NEIC 15 09:36:11.2,0.8,17.6S:0.1x178.4W:0.2, h598km,20km, mb4.1/16, Error ellipse: s-maj=34.4km s-min=8.8km az=65.0

IDC 15 08:36:13.5,1.9,17.27S:178.98W, h594km,19km, mb3.0/7, mb1 3.3/9, mb1mx3.1/29, mbtmp3.9/9, Error ellipse: s-maj=83.2km s-min=17.1km az=149.0

ISC 15 08:36:08.6,0.8,17.7S:0.2x178.6W:0.1, h547km, n30, e1923/28, mb4.0/15, Fijil Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like MSVF Nonsavu, OUCEN Ouen Island, DZM Mont Dzumac, etc.

JMA 15 09:12:33.0,0.3,31.24N:128.74E, h12km,2km, M3.8

NIED 15 09:12:33.1,31.24N:128.74E, h12km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mw=1.30; Ms=1.64; Mv=0.34; Mw=0.59; Mw=5.53; Mw=2.21; Fault plane solution: M6.07000x10^14, NP1=7.00000x10^14, NP2=157.00000x10^14, NP3=275.00000x10^14, NP4=4.00000x10^14

IDC 15 09:12:34.5,1.5,31.34N:128.41E, h0km, mb3.3/3, mb1 3.6/5, mb1mx3.4/47, mbtmp3.4/5, ML3.8,2, MSK3.0/5, mb1 3.0/5, ms1mx2.6/29, Error ellipse: s-maj=48.0km s-min=19.7km az=104.0

ISC 15 09:12:35.7,1.1,31.34N:0.05x128.93E:0.07, h10km, n18, e1506/18, mb3.4/3, MS2.9/3, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like JSJ Shimokoshiki, JSU Suzuyama, FYU Fukue jima 2, etc.

IDC 15 09:18:49.2,8.2,13.58N:93.32E, h0km, mb4.2/3, mb1 4.4/4, mb1mx3.6/48, mbtmp4.2/4, ML4.8/1, Error ellipse: s-maj=69.0km s-min=40.1km az=90.0

NEIC 15 09:18:57.8,0.8,13.7N:0.1x93.5E:0.12, h48km, e6km, mb4.5/9, Error ellipse: s-maj=24.2km s-min=16.5km az=87.0

NDI 15 09:19:07.0,3.6,13.54N:93.49E, h29km, ML3.5, mb4.5(NEIC)

ISC 15 09:18:57.5,0.8,13.76N:0.08x93.72E:0.10, h35km, n27, e1822/29, mb4.3/8, Andaman Islands region

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

2015 NOV

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

IDC 15 09:26:34.8,0.0,20.70S:173.07W, h0km, mb4.4/13, mb1 4.6/15, mb1mx4.3/42, mbtmp4.5/15, ML4.2/1, MS3.4/11, MS1 3.3/11, ms1mx3.2/29, Error ellipse: s-maj=44.2km s-min=15.2km az=160.0

NOU 15 09:26:41.5,19.90S:172.67W, h0km, mb4.7/8, Tonga Islands Region

NEIC 15 09:26:41.2,2.0,20.71S:0.1x173.1W:0.1, h24km,4km, mb4.7/32, Error ellipse: s-maj=20.8km s-min=14.0km az=152.0

ISC 15 09:26:42.4,0.4,20.18S:0.07x172.94W:0.06, h47km, n87, e215/77, mb4.6/30, MS3.5/11, 1D, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like NIUE Niue, AFI Afiamalu, MSVF Nonsavu, etc.

SOME 15 09:31:54.3,4.3,69N:82.15E, h5km

NINC 15 09:31:56.9,1.5,44.67N:162.16E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=16.2km s-min=5.6km az=119.0

ISC 15 09:31:54.6,2.2,44.67N:0.05x82.21E:0.06, h1km, n17km, n20, e120/31, 5C-30, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like DJR Jarkent, DJR Jarkent, DJR Jarkent, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like FORT Forrest, MTN Manton Dam, FITZ Fitzroy Crossi, etc.

SOME 15 09:31:54.3,4.3,69N:82.15E, h5km

NINC 15 09:31:56.9,1.5,44.67N:162.16E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=16.2km s-min=5.6km az=119.0

ISC 15 09:31:54.6,2.2,44.67N:0.05x82.21E:0.06, h1km, n17km, n20, e120/31, 5C-30, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like DJR Jarkent, DJR Jarkent, DJR Jarkent, etc.

15d 9h

Table with columns: Call Sign, Description, Frequency, Power, Mode, and other technical details. Includes stations like 237A Washetta, P38A Dawn, X40A Basin Creek Fa, etc.

2015 NOV

Table with columns: Call Sign, Description, Frequency, Power, Mode, and other technical details. Includes stations like PHWY Pilot Hill, N23A Red Feather La, PARMO MET Memphis-Engin, etc.

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Table with columns: Call Sign, Description, Frequency, Power, Mode, and other technical details. Includes stations like I40A Norwalk, X48A Hartselle, SPMM Marine on St., etc.

0.2nm,0.4s,baz=220,slow=5.7,SNR=7.1
BRTR Keskin Array B 147 338 19 PKPbc PKPbc 11 40 51.0 -1.1

NOU 15 11:27:33.4, 18°45'N-168°96'E, h0km, MLV4.0/8, Vanuatu Islands, Vanuatu Islands
Code Station Name Az AZ Phase ID Time Res

IDC 15 11:49:54.3-3.7, 4.94S-152°53'E, h0km, mb3.5/3, mb1 3.8/10, mb1mx3.5/27, mbtmp3.5/3, Error ellipse: s-maj=150.2km s-min=48.6km az=123.0, New Britain region

Code Station Name Az AZ Phase ID Time Res
WRA Warrumunga Arr 23.16 228 P P 11 55 03.1 +0.5
ASAR Alice Springs 25.87 222 P P 11 55 28.0 +0.1

ISK 15 12:07:50.7, 37°25'N-31°18'E, h122km, 1km, ML2.5/16
DDA 15 12:07:54.3, 37°28'N-30°73'E, h7km, 6km, ML1.6

Code Station Name Az AZ Phase ID Time Res
WRA Warrumunga Arr 23.16 228 P P 11 55 03.1 +0.5
ASAR Alice Springs 25.87 222 P P 11 55 28.0 +0.1

Code Station Name Az AZ Phase ID Time Res
KEPZ Antalya-Kepez 0.48 138 P P 12 08 09.0 -0.5
KEPZ Antalya-Kepez 0.48 138 P P 12 08 22.0 -1.1

Code Station Name Az AZ Phase ID Time Res
SEDI Konya, Seydisse 0.48 66 P P 12 08 09.5 -0.1
SEDI Konya, Seydisse 0.48 66 P P 12 08 22.8 -0.5

Code Station Name Az AZ Phase ID Time Res
SEYD Seydisheir-04N 0.53 74 PG Pn 12 08 09.9 +0.1
ANTB Antalya 0.56 231 PG Pn 12 08 09.9 -0.4

Code Station Name Az AZ Phase ID Time Res
AKAS Kas 1.64 232 PN Pn 12 08 20.1 -0.6
FETE Fethiye 1.81 251 PN Pn 12 08 22.6 0.0

Code Station Name Az AZ Phase ID Time Res
SKR Severo-Kuril's 0.64 297 eP Pn 12 16 06.9 +0.5
SKR Severo-Kuril's 0.64 297 eP Pn 12 16 15.6 0.0

Code Station Name Az AZ Phase ID Time Res
PAU Pauzhetka 1.08 353 eP Pn 12 16 14.2 +0.2
PAU Pauzhetka 1.08 353 eP Pn 12 16 28.6 +0.5

Code Station Name Az AZ Phase ID Time Res
MIPR Malaya Ipe'ka 1.98 355 eP Pn 12 16 25.4 +2.1
ASAK Asacha 2.06 15 eP Pn 12 16 28.5 +0.2

Code Station Name Az AZ Phase ID Time Res
GRL Gorelyy 2.26 17 eP Pn 12 16 31.5 +3.1
APACHA Apacha 2.53 2 eP Pn 12 16 33.1 +1.0

Code Station Name Az AZ Phase ID Time Res
NIED 15 12:17:26.0-9.31, 17°N-141°83'E, h0km, mb3.7/8, mb1 3.8/10, mb1mx3.6/50, mbtmp3.7/10, ML3.2/2, MS3.2/2, Ms1.3/3.2, ms1mx2.4/37, Error ellipse: s-maj=37.7km s-min=17.7km az=78.0

Code Station Name Az AZ Phase ID Time Res
JHCJ Hachiojimakas 2.68 318 P P 12 18 12.5 +0.9
BSO1 Boso 1 3.63 347 P P 12 18 24.2 +0.1

Code Station Name Az AZ Phase ID Time Res
JOD2 Odawara 2 4.79 331 P P 12 18 42.5 +1.9
JHU Hanno 5.23 335 P P 12 18 47.9 +1.2

JAG Ashikaga 5.70 339 P Pn 12 18 53.8 +0.7
JAG Ashikaga 5.70 339 P Pn 12 19 06.8 -0.9

JAG Ashikaga 5.70 339 P Pn 12 18 53.8 +0.7
JAG Ashikaga 5.70 339 P Pn 12 19 06.8 -0.9

JAG Ashikaga 5.70 339 P Pn 12 18 53.8 +0.7
JAG Ashikaga 5.70 339 P Pn 12 19 06.8 -0.9

IDC 15 12:21:44.2 1.1, 6.27°02'S-176°30'W, h0km, mb3.4/4, mb1 3.8/4, mb1mx3.6/20, mbtmp3.4/4, ML4.9/1, Error ellipse: s-maj=52.6km s-min=25.8km az=135.0

Code Station Name Az AZ Phase ID Time Res
RAO Raoul Island 2.62 212 Pn 12 22 27.9 -1.3
RAO Raoul Island 2.62 212 Pn 12 23 01.3 +1.6

Code Station Name Az AZ Phase ID Time Res
URZ Urewera 12.48 205 S S 12 26 50.0 -1.2
ASAR Alice Springs 44.89 231 P P 12 30 00.6 -0.3

Code Station Name Az AZ Phase ID Time Res
AB31 Akbulak array 14.29 333 P Pn 12 43 59.8 -2.8
AKTO Aktyubinsk 15.97 331 P Pn 12 44 20.5 -4.7

IDC 15 13:07:43.1-0.6, 6°65'N-94°31'E, h0km, mb4.0/19, mb1 4.1/21, mb1mx3.9/45, mbtmp4.0/21, ML4.1/2, MS3.4/17, Ms1.3/4.17, ms1mx3.2/37, Error ellipse: s-maj=23.1km s-min=14.1km az=48.0

Code Station Name Az AZ Phase ID Time Res
PSI Prapat 5.97 129 Pn Pn 13 09 14.4 +1.1
RPSI Prapat 6.04 130 Pn Pn 13 09 14.4 +0.3

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 12.95 20 Pn 13 10 48.0 -0.9
CMAR Chiang Mai Arr 12.95 20 Pn 13 10 48.0 -0.9

Code Station Name Az AZ Phase ID Time Res
BOB Bolkano 18.90 336 eP Pn 13 12 11.0 +4.9
KOH KUHIMA 19.01 360 P Pn 13 12 05.4 -1.4

Code Station Name Az AZ Phase ID Time Res
SJIJ Surong 37.64 100 LR 13 31 03.0
SJIJ Surong 37.64 100 LR 13 31 03.0

Code Station Name Az AZ Phase ID Time Res
NIL Nilore 33.23 327 P P 13 14 21.9 -0.2
KUN Kuning 37.64 100 LR 13 31 03.0

Code Station Name Az AZ Phase ID Time Res
DRK Karamyk 38.48 332 P P 13 15 07.1 -0.2
DRK Karamyk 38.48 332 P P 13 15 24.5

Code Station Name Az AZ Phase ID Time Res
GARG Garm 38.83 330 P Pn 13 15 10.0 -0.1
GARG Garm 38.83 330 P Pn 13 15 17.3

Code Station Name Az AZ Phase ID Time Res
MKAR Makanchi Array 41.43 347 P P 13 15 30.7 -0.7
SONM Songino Array 42.36 12 P P 13 15 38.7 -0.5

WRA Warrumunga Arr 47.42 125 P P 13 16 18.8 -0.9
W2 Warrumunga Arr 47.42 125 P P 13 16 18.8 -0.9

Code Station Name Az AZ Phase ID Time Res
WRA Warrumunga Arr 47.42 125 P P 13 16 18.8 -0.9
W2 Warrumunga Arr 47.42 125 P P 13 16 18.8 -0.9

Code Station Name Az AZ Phase ID Time Res
ZALV Zalesovo Beam 46.39 317 P P 12 25 53.2 -1.0
ZALV Zalesovo Beam 46.39 317 P P 12 25 53.2 -1.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
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Code Station Name Az AZ Phase ID Time Res
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ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

Code Station Name Az AZ Phase ID Time Res
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0
ASAR Alice Springs 49.00 129 P P 13 16 31.9 -0.0

WMWZ		S	Sb	14 25 33.5 +2.1
PKGZ	Pakihiroa	1.78 233	Pb	14 25 16.0 -0.8
PKGZ			Pb	14 25 36.3 +0.4
PUZ	Puketiti	1.79 226	Pb	14 25 16.4 -0.5
HAZ	Te Kaha	1.91 240	Pb	14 25 16.0 +0.3
TWZ	Tauwau	2.03 219	Pb	14 25 20.0 +1.1
RUGZ	Raukumara Rang	2.06 236	Pb	14 25 20.4 -1.6
CNGZ	Carnagh Statio	2.12 218	Pb	14 25 21.7 -0.7
TKGZ	Te Karaka	2.27 224	Pb	14 25 22.8 +2.1
TKGZ			Sb	14 25 48.6 +0.7
MWZ	Matawai	2.39 230	Pb	14 25 24.3 +1.8
MWZ			Sb	14 25 26.1 +2.0
RIGZ	Rimuhau	2.51 221	Pb	14 25 26.1 +2.0
RIGZ			Sb	14 25 54.8 +0.9
WHRZ	Whale Island	2.53 245	Pb	14 25 25.5 +1.2
WHRZ			Sb	14 25 53.7 -0.6
RAOZ	Rawiri	2.56 229	Pb	14 25 26.7 +1.9
RAOZ			Sb	14 25 39.9 -0.4
PRGZ	Paritu Road	2.62 216	Pb	14 25 27.8 +2.3
URZ	Urewera	2.62 236	Pb	14 25 27.0 +1.5
URZ			Sb	14 25 54.0 -2.5
URZ	17m,0.3,baz=351,slow=22,SNR=5.6			
URZ	Urewera	2.62 236	Pb	14 25 26.9 +1.4
URZ			Sb	14 25 55.4 -1.1
URZ	Urewera	2.62 236	Pb	14 25 26.6 +1.1
URZ	Urewera	2.62 236	Pb	14 25 27.2 +1.7
MHGZ	Mt Hia Peninsula	2.73 213	Pb	14 25 21.2 +2.2
KNZ	Kokohu	2.80 218	Pb	14 25 29.5 +1.5
KNZ			Sb	14 26 00.4 -0.4
SNZ	Shannon Statio	2.80 225	Pb	14 25 29.7 +1.7
SNZ			Sb	14 26 02.1 +1.1
EDGZ	Edgcombe	2.80 242	Pb	14 25 33.9 -0.9
OPRZ	Ohinepanea	2.83 248	Pb	14 25 29.0 +0.6
RTZ	Ruatahuna	2.91 231	Pb	14 25 30.9 +1.4
MYRZ	Mayor Island	2.94 260	Pb	14 25 29.7 -0.2
MUGZ	Murupara	2.96 235	Pb	14 25 31.4 +1.1
TAHZ	Tauranga	3.02 252	Pb	14 25 32.1 +1.1
TAHZ	Mount Tarawera	3.02 252	Pb	14 25 32.1 +1.6
RAHZ	Arahi	3.04 226	Pb	14 25 33.0 +1.8
WHHZ	Waihua	3.06 222	Pb	14 25 33.4 +1.8
OMRZ	Omanua	3.06 244	Pb	14 25 33.2 +1.5
RRRZ	Republican Roa	3.06 240	Pb	14 25 33.0 +1.3
KARZ	Kaiharo	3.12 247	Pb	14 25 33.7 +1.2
MTHZ	Mt Mangataniwha	3.21 229	Pb	14 25 34.1 +1.4
HLRZ	Highlands Stat	3.14 242	Pb	14 25 34.0 +1.3
NGRZ	Ngonotaha	3.20 245	Pb	14 25 35.5 +2.0
UTU	Utuhina	3.22 244	Pb	14 25 36.4 +2.6
HSRZ	Hossack Road	3.24 242	Pb	14 25 36.0 +1.9
ALRZ	Allen Road	3.25 237	Pb	14 25 37.9 +1.1
NMHZ	Naumai	3.32 226	Pb	14 25 36.9 +1.7
ARHZ	Aropoanui	3.33 222	Pb	14 25 36.9 +1.7
KUZ	Kuaotunu	3.33 270	Pb	14 25 34.0 -1.4
MRHZ	Matea Rd	3.39 233	Pb	14 25 37.4 +1.2
WPRZ	Whakapapatarai	3.39 239	Pb	14 25 37.5 +1.4
BKZ	Black Stump Fm	3.55 228	Pb	14 25 39.3 +1.0
BKZ	Black Stump Fm	3.55 228	Pb	14 25 39.3 +1.0
CKHZ	Cape Kidnapper	3.58 217	Pb	14 25 40.0 +1.3
TOZ	Tahuroa Road	3.60 254	Pb	14 25 38.2 -0.8
KUTZ	Kaahu Road	3.62 242	Pb	14 25 40.5 +1.2
MCNZ	McNeill Hill	3.62 223	Pb	14 25 40.4 +1.2
KWHZ	Kaweka Forest	3.75 225	Pb	14 25 42.7 +0.6
KAHZ	Kahuranaki	3.78 218	Pb	14 25 42.3 +0.7
WIAZ	Waiheke Island	3.80 269	Pb	14 25 42.0 +0.2
RATZ	Rangitukua	3.83 237	Pb	14 25 45.4 +3.2
RITZ	Rihia Road	3.83 235	Pb	14 25 43.9 +1.7
KRHZ	Kerenu	3.92 239	Pb	14 25 44.0 +0.9
ETAZ	East Tamaki Re	3.97 267	Pb	14 25 43.7 -0.4
PXZ	Pawanui	3.98 216	Pb	14 25 44.3 +0.1
MBAZ	Motutapu North	4.00 269	Pb	14 25 44.3 -0.1
TMWZ	Te Maari	4.01 234	Pb	14 25 45.4 +0.6
BHYZ	Black Hill Sta	4.01 227	Pb	14 25 45.7 +1.0
BHYZ	Black Hill Sta	4.01 227	Pb	14 25 47.1 +1.3
ETVZ	East Tongariro	4.01 234	Pb	14 25 45.5 +0.7
NTVZ	North Tongariro	4.02 234	Pb	14 25 45.6 +0.7
KRVZ	Karewarewa	4.04 235	Pb	14 25 45.8 +0.7
ABAZ	Army Bay	4.06 272	Pb	14 25 45.1 -0.2
OTVZ	Oturoa	4.06 234	Pb	14 25 46.0 +0.6
NBVZ	North Ngauruho	4.08 234	Pb	14 25 47.0 +1.3
SNVZ	South Ngauruho	4.09 234	Pb	14 25 46.4 +0.5
NGZ	Ngauruho	4.11 234	Pb	14 25 46.7 +0.5
EPAZ	Eden Park BICE	4.12 268	Pb	14 25 47.1 +1.1
TUVZ	Tukino	4.13 233	Pb	14 25 47.8 +1.4
MOVZ	Moawhango	4.13 230	Pb	14 25 47.1 +1.1
MOVZ	Moawhango	4.13 230	Pb	14 25 47.0 +1.0
TWVZ	Taurewa	4.16 236	Pb	14 25 47.8 +1.1
WNVZ	Wahianoa	4.20 232	Pb	14 25 47.8 +0.5
AWVZ	Awhitu Peninsula	4.20 265	Pb	14 25 47.1 -0.1
WPHZ	Waipukurau	4.21 219	Pb	14 25 47.6 +0.2
TRVZ	Turoa	4.22 222	Pb	14 25 48.1 +1.2
PNHZ	Pukenui	4.22 222	Pb	14 25 47.4 -0.2
RVVZ	Riverhead Bore	4.25 269	Pb	14 25 48.2 +0.3
WTAZ	Waiaitua	4.25 267	Pb	14 25 48.5 +0.5
HIZ	Hauti	4.32 246	Pb	14 25 50.4 +1.5
HIZ	Hauti	4.32 246	Pb	14 25 49.3 +0.4
HIZ	Hauti	4.32 246	Pb	14 25 51.3 +0.3
PKVZ	Pokaka	4.34 234	Pb	14 25 51.1 +1.9
TSZ	Takapari Road	4.45 222	Pb	14 25 50.7 0.0
ANWZ	Angora stia	4.50 215	Pb	14 25 51.5 +0.2
DVHZ	Dannevirke	4.52 219	Pb	14 25 51.8 +0.1
WCZ	Waipua Caves	4.55 217	Pb	14 25 52.2 +0.2
VRZ	Vera Road	4.65 239	Pb	14 25 55.0 +1.6
BFZ	Birch Farm	4.78 215	Pb	14 25 54.4 -0.8
BFZ	Birch Farm	4.78 215	Pb	14 25 54.4 -0.8
BFZ	Birch Farm	4.78 215	Pb	14 25 54.4 +0.2
POWZ	Post Office Ro	4.79 221	Pb	14 25 55.4 -0.1
PRWZ	Pratt Road	4.81 218	Pb	14 25 56.1 +0.1
WAZ	Wanganui	4.83 231	Pb	14 25 56.6 +0.7
TIWZ	Tintock	5.02 217	Pb	14 25 58.3 -0.3
LREZ	Lake Rotokare	5.05 237	Pb	14 26 00.7 +1.8
MHZ	Mangatoinaka R	5.09 220	Pb	14 25 58.5 -1.0
NEZ	North Egmont	5.17 240	Pb	14 26 03.9 +3.2
PKE	Puketiti	5.21 241	Pb	14 26 04.7 +3.4
KHEZ	Kahui Hut	5.24 240	Pb	14 26 04.7 +3.1
TMWZ	Te Maipa	5.28 215	Pb	14 26 00.9 -1.2
HOWZ	Holdsworth Sta	5.30 219	Pb	14 26 01.2 -1.1
OUZ	Omahuta	5.34 286	Pb	14 26 02.4 -0.4
OTGZ	Otaki Gorge	5.42 240	Pb	14 26 03.4 +0.6
MTW	Mout Morrison	5.50 217	Pb	14 26 03.4 -1.7
KIW	Kapiti Island	5.59 222	Pb	14 26 05.1 -1.2
CAW	Cannon Point	5.68 220	Pb	14 26 05.7 -1.9
PAWZ	Paruwai Farm	5.71 216	Pb	14 26 06.5 -1.5
MSWZ	Mokau Station	5.82 217	Pb	14 26 07.9 -1.7
MSWZ	Mokau Station	5.82 217	Pb	14 26 07.2 -2.4
PLWZ	Palliser	5.94 216	Pb	14 26 08.9 -2.3
TCW	Tory Channel	6.17 223	Pb	14 26 12.3 -2.0
TUWZ	Tuamari	6.51 223	Pb	14 26 16.8 -2.1
TUWZ	Tuamari	6.51 223	Pb	14 26 16.2 -2.7
BSWZ	Blackbirch Sta	6.74 222	Pb	14 26 20.3 -1.8
QRZ	Quartz Range	6.99 233	Pb	14 26 25.5 0.0
THZ	Topouse	7.31 226	Pb	14 26 27.7 -2.3
THZ	Topouse	7.31 226	Pb	14 26 27.1 -2.9
CTZ	Chatham Island	7.40 160	Pb	14 26 37.0 +0.5
KHZ	Kahutara	7.42 219	Pb	14 26 32.0 +1.8
KHZ	Kahutara	7.42 219	Pb	14 26 32.1 +0.7
GVZ	Greta Valley S	8.07 218	Pb	14 26 38.6 -1.8
LTZ	Lake Taylor	8.34 222	Pb	14 26 42.1 -2.0
OKCZ	Okains Bay	8.63 215	Pb	14 26 45.6 -2.4
INZ	Inchbonnie	8.71 219	Pb	14 26 48.4 -1.6
MGZ	McQueen's Vall	8.81 217	Pb	14 26 47.8 -2.6
MGZ	McQueen's Vall	8.81 217	Pb	14 26 47.2 -3.3
OXZ	Oxford	8.84 220	Pb	14 26 48.9 -2.0
OXZ	Oxford	8.84 220	Pb	14 26 48.5 -2.4
RPZ	Rata Peaks	8.62 222	Pb	14 26 59.4 -2.3
TMZ	Timaru	10.11 219	Pb	14 27 05.9 -3.2
ODZ	Otahua Downs	10.77 217	Pb	14 27 14.3 -3.1
ODZ	Otahua Downs	10.77 217	Pb	14 27 14.1 -3.3
MSVZ	Nonsavu	19.09 355	Pb	14 29 07.5 +0.9
AS31	Alice Springs	41.45 275	Pb	14 32 28.9 -0.7
AS31			IAMB	14 32 30.0
ASAR	Alice Springs	41.45 275	Pb	14 32 28.8 -0.9
ASAR			IAMB	14 32 32.5 +2.8
VNDA	Vanda	41.54 186	Pb	14 32 57.8 -1.2
WRO	Warramunga Arr	42.85 80	IAMB	14 32 57.8
WRO			IAMB	14 32 57.8
WB2	Warramunga Arr	43.01 280	Pb	14 32 41.5 -0.9
WB2			IAMB	14 32 56.1

WRAB	Tennant Creek	43.02 280	P	P	14 32 41.5 -1.0
WRAB			IAMB	IAMB	14 32 56.1
WRA	Warramunga Arr	43.02 280	P	P	14 32 41.7 -0.7
WRA			IAMB	IAMB	14 32 48.5
WBO	Warramunga Arr	43.07 280	P	P	14 32 41.9 -1.0
WBO			IAMB	IAMB	14 32 53.8
KNRA	Kununurra	49.80 281	P	P	14 33 34.4 -1.3
FINES	FINES Array B	150.38 335	PKPbc	PKIKP	14 44 34.1 +0.3
FINES					14 44 34.1 +0.3
CRNET	15:14:25:59.7,0.1,42:87N:77:17E,h12km,mb2.4				
SOME	15:14:26:00.5,42:83N:77:20E,h10km				
NINC	15:14:26:00.2,0.4,42:85N:77:21E,h0km,mb3.0,mpv3.2				
Error	ellipse: s-maj=3.4km s-min=1.7km az=7.0				
ISC	15:14:26:00.3,0.9,42:84N:0:02:77:19E,0:01,h15km,7km,				
n54,c0:974/112,24C,4D,Lake Issyk-Kul region					
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res
TNS5	Tian-Shan	0.27 319	P	Pg	14 26 06.4 +0.1
TNS5			S	Sg	14 26 10.4 +0.1
MDOK	Medeo	0.34 343	eP	Pg	14 26 07.3 -0.1
MDOK			eS	Sg	14 26 12.2 -0.1
MDOK	45nm,0.1s				
MDOK	1.6nm,0.3s	0.34 343	P	Pg	14 26 07.3 -0.1
MDOK			S	Sg	14 26 11.9 -0.3
MDOK	18nm,0.4s				
MDOK	Medeo	0.34 343	Pg	Pg	14 26 07.3 -0.1
MDOK			Lg	Lg	14 26 12.2
MDOK	45nm,0.1s				
ANVS	Anan'yevu	0.36 99	flP	Pg	14 26 07.1 -0.6
ANVS			flS	Sg	14 26 12.4 -0.4
KOTS	Kotrybulak	0.40 352	eP	Pg	14 26 08.6 +0.1
KOTS			eS	Sg	14 26 14.2 +0.2
KOTS	82nm,0.2s				
KOTS	Kotrybulak	0.40 352	P	Pg	14 26 08.5 +0.1
KOTS			P	Pg	14 26 08.6 +0.1
KOTS	11nm,0.1s				
KOTS			S	Sg	14 26 14.2 +0.2
KOTS	83nm,0.2s				
KOTS			S	Sg	14 26 14.2 +0.2
AAA	Alma-Ata	0.42 332	eP	Pb	14 26 09.2 -0.3
AAA			eS	Sb	14 26 15.4 -0.5
AAA	90nm,0.2s				
AAA	Alma-Ata	0.42 332	P	Pb	14 26 09.2 -0.3
AAA			S	Sb	14 26 15.4 -0.5
AAA	90nm,0.2s				
IZV	Izvestkoviy	0.47 295	eP	Pg	14 26 09.8 +0.1
IZV			eS	Sg	14 26 16.5 +0.5
IZV	37nm,0.1s				
IZV	Izvestkoviy	0.47 295	P	Pg	14 26 09.8 +0.1
IZV			P	Pg	14 26 09.8 +0.1
IZV	11nm,0.1s				
IZV			S	Sg	14 26 16.0 +0.1
IZV	38nm,0.2s				
IZV			S	Sg	14 26 16.5 +0.5
MTBS	Maitube	0.63 298	eP	Pg	14 26 12.8 +0.1
MTBS			eS	Sb	14 26 21.3 +0.3
MTBS	26nm,0.1s				
MTBS	Maitube	0.63 298	P	Pg	14 26 12.8 +0.1
MTBS			S	Sg	14 26 21.3 +0.3
MTBS	26nm,0.1s				
ULHL	Ulaloh	0.92 230	flP	Pg	14 26 17.8 -0.3
ULHL			flS	Sb	14 26 30.8 +0.6

15d 15h

Table with columns: Code, Station Name, Az, El, P, M, S, Res, Time, Res, Time, Res. Includes stations like N35A Tabor, N35A Tabor, N35A Tabor, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Res, Time, Res, Time, Res. Includes stations like IDC 15:44:36.5, IDC 15:44:36.5, etc.

2015 NOV

Table with columns: Code, Station Name, Az, El, P, M, S, Res, Time, Res, Time, Res. Includes stations like ZALV Zalesovo Beam, WBO Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Res, Time, Res, Time, Res. Includes stations like KBL Kabul, KBL Kabul, KBL Kabul, etc.

934

Table with columns: Code, Station Name, Az, El, P, M, S, Res, Time, Res, Time, Res. Includes stations like DHRM DHARAMSHALA, DHRM DHARAMSHALA, DHRM DHARAMSHALA, etc.

15d 15h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 15d 15h range.

2015 NOV

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 2015 NOV range.

936

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 936 range.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Beattyville, Dingess, Cacapava Do Su, etc.

HLW 15 16:01:31.6, 29.57N, 35.10E, h2km, 1km, Md2.0, M2.9

ISC 15 16:01:31.6, 1.1, 29.62N, 0.03, 35.03E, 0.08, h18km, 3km, n15, c0568/25, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Elat, Mt Berech, Mount Harif, Basata, etc.

JMA 15 16:24:31.1, 0.6, 31.01N, 128.57E, h0km, 4km, M3.6

NIED 15 16:24:31.2, 31.01N, 128.57E, h0km, MW3.5, Moment Tensor Solution...

ISC 15 16:24:34.6, 1.0, 30.93N, 128.49E, h0km, mb3.3/5, mb1.3/6.9, mb1mx3.5/36, mbtmp3.5/9, ML3.4/4, MS2.2/1, MS1.2/2.1, ms1mx2.0/19, Error ellipse: s-maj=30.4km s-min=17.6km az=93.0

ISC 15 16:24:34.6, 0.9, 31.06N, 0.05, 128.75E, 0.07, h10km, n18, c1870/18, mb3.4/5, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Shimokoshiki, Suzuyama, Nakanoshima, etc.

PDG 15 16:34:36.8, 0.1, 42.48N, 20.17E, h0km, 11km, MD2.5/1, ML2.1/13, Error ellipse: s-maj=0.2km s-min=0.2km az=0.0

RHSSO 15 16:34:38.4, 0.2, 42.48N, 20.30E, h4km, 3km, M2.3, 3.7

BE0 15 16:34:38.4, 0.2, 42.52N, 20.22E, h0km, ML1.9/1, ISC 15 16:34:36.6, 1.1, 42.48N, 0.02, 20.19E, 0.02, h6km, 9km, n54, c1523/95, 11C-1D, Northwest Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Plav, Berane, Kolasin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Dracevica, Ulcinj, Niksic, etc.

ISC 15 16:36:52.2, 1.3, 7.20N, 82.07W, h0km, mb3.6/6, mb1.4/0.8, mb1mx3.8/34, mbtmp3.7/8, ML4.3/2, Error ellipse: s-maj=53.2km s-min=23.0km az=52.0

NEIC 15 16:36:53.6, 1.7, 7.21N, 0.09, 82.37W, 0.08, h10km, 1km, mb4, 1/8, Error ellipse: s-maj=19.7km s-min=3.0km az=218.0

UPA 15 16:36:54.9, 1.8, 7.21N, 82.32W, h24km, 22km, MW4.5

UCR 15 16:37:03.9, 1.2, 7.23N, 82.89W, h14km, 8km, MW3.9, mb4, 1(NEIC)

ISC 15 16:36:51.8, 1.7, 7.21N, 0.06, 82.32W, 0.03, h1km, 9km, n87, c1111/106, mb3.8/8, 4C-4D, South of Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Limones, Petroterminal, Chiriqui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Perez Zeledon, El Valle, Rio Macho, etc.

ANF 15 17:00:21.9, 0.5, 43.70N, 105.28W, h1km, ML3.6/12, Error ellipse: s-maj=7.5km s-min=6.0km az=118.0

NEIC 15 17:00:21.7, 1.0, 43.79N, 0.02, 105.28W, 0.06, h0km, 2km, ML3.3/40, Error ellipse: s-maj=7.6km s-min=3.1km az=82.0

ISC 15 17:00:22.2, 1.1, 44.05N, 105.74W, h0km, mb1.3/7.4, mb1mx3.4/62, mbtmp3.4/4, ML2.9/3, Error ellipse: s-maj=27.6km s-min=10.1km az=149.0

ISC 15 17:00:21.4, 1.0, 43.77N, 0.05, 105.33W, 0.06, h0km, n50, c080/51, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Black Hills, Red Feather L, LASA Array, etc.

15d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like AGHD, DGMT, Q24A, HWUT, HRY, P18A, etc.

VAO 15 17:02:52.8:0.5,29.835:72.11W,h10km,mb4.5
IDC 15 17:02:53.4:0.8,29.865:71.81W,h0km,mb4.3/10,
mb1.4,3/14,mb1mx4.1/36,mbtmp4.2/14,ML4.1,MS3.8/13,
Ms1.3,7/13,ms1mx3.6/27,Error ellipse: s-maj=28.9km
s-min=16.4km az=273

NEIC 15 17:02:53.7:2.0,29.785:0.04:72.05W,0.06,h10km,1km,
mb4.3/7,ML4.8(GUC),Error ellipse: s-maj=8.8km
s-min=6.8km az=240.0

GUC 15 17:02:56.3:0.7,29.875:71.92W,h26km,5km,ML4.8
ISC 15 17:02:52.0:1.2,29.775:0.003:72.14W,0.05,h3km,7km,
n163,r1542/166,mb4.5/11,MS3.8,2C-2D,Off coast of
central Chile

Main table for 15d 17h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like La Serena, Fray Jorge, Tololo Observa, etc.

2015 NOV

Main table for 2015 NOV with columns: PLCA, LR, Time, Res. Includes entries like Paso Flores, Puerto Octay, Torquai, etc.

938

Main table for 938 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like Churui, Tokachihiroo, Urakawa-nobuka, etc.

YSS	comp=Z,200nm,0.7s	A	A	17 13 46.2	
YSS	Yuzh-Sakhalins	4.47 356	Pn	Pn	17 12 49.4 +1.4
JMM	Marumori	4.96 202	Pn	Pn	17 12 53.4 -1.4
TEY	Ternei	5.39 300j	eP	eP	17 13 01.3 +0.9
TEY	comp=E,20nm,1.1s		pmax	pmax	
TEY	comp=Z,20nm,0.6s		pmax	pmax	
TEY	comp=N,20nm,1.1s		pmax	pmax	
TEY	Ternei	5.39 300	eP	Pn	17 13 01.3 +0.9
JSD	comp=N,20nm,0.7s		eP	AMB	17 13 01.9
UGL	Uglegorsk	5.82 222	Pn	Pn	17 13 06.1 -0.2
UGL	Sado	6.63 354	eP	Pn	17 13 16.6 -0.7
UGL	comp=Z,43nm,1.2s		pmax	pmax	
UGL	Uglegorsk	6.63 354	eP	Pn	17 13 19.9 +2.6
UGL	comp=Z,60nm,0.8s		eS	AMB	17 13 28.4
UGL	comp=Z,20nm,0.7s		A	Sn	17 14 32.1 +0.8
UGL	comp=Z,30nm,0.7s		A	A	17 14 41.6
JYT	Yasato	6.66 201	Pn	Pn	17 13 14.9 -2.8
MAT	Matsushiro	7.07 214	P	S	17 13 22.6 -0.7
MAT	comp=Z,11nm,0.8s		S	Sn	17 14 40.3 -1.8
IMJAR	Matsushiro Arr	7.07 214	P	Sn	17 13 22.3 -1.0
MJAR	Matsushiro Arr	7.07 214	Pn	Pn	17 13 20.4 -2.9
JGF	Kuroka	8.23 215	Pn	Pn	17 13 38.8 -0.3
VLA	Vladivostok	8.32 278	eP	Pn	17 13 40.9 +0.7
VLA	comp=Z,60nm,0.7s		eP	pmax	
VLA	Vladivostok	8.32 278	eP	Pn	17 13 40.9 +0.7
USA0B	Ussuriysk Arra	8.32 286	Pn	Pn	17 13 41.5 +1.2
USA0B	Ussuriysk Arra	8.32 286	Pn	Pn	17 13 41.5 +1.2
USRK	comp=B,5,slow=15,SNR=16		P	Pn	17 13 41.2 +1.0
USRK	comp=Z,152nm,21.7s,baz=140,slow=35		LR	LR	17 16 34.2
TYV	Tymovskoe	8.38 358	eP	Sn	17 13 42.7 +1.7
TYV	comp=Z,18nm,0.8s		eS	Sn	17 15 18.2 +4.4
TYV	comp=Z,300nm,3.1s		pmax	pmax	
TYV	comp=N,6.0nm,1.6s		smax	smax	
TYV	comp=E,10.0nm,1.6s		smax	smax	
TYV	comp=N,200nm,4.4s		smax	smax	
TYV	comp=E,300nm,4.4s		smax	smax	
TYV	Tymovskoe	8.38 358	eP	Pn	17 13 42.0 +1.0
TYV	comp=E,18nm,0.7s		AMB	AMB	17 13 46.0
TYV	comp=E,300nm,3.0s		eS	A	17 15 13.8 0.0
TYV	comp=E,200nm,4.4s		A	A	17 15 18.0
TYV	comp=E,300nm,4.4s		A	A	17 15 20.4
TYV	comp=E,6.0nm,0.8s		A	A	17 15 20.4
TYV	comp=E,10.0nm,0.8s		A	A	17 15 20.4
INU	Inuyama	8.59 216	Pn	Pn	17 13 43.3 -0.6
JSG	Sagara	8.72 208	Pn	Pn	17 13 44.6 -1.1
MSHR	Mys Shultsea	8.87 275j	eP	Pn	17 13 48.5 +0.9
MSHR	comp=Z,37nm,0.9s		eP	pmax	
JWT	Wachi	9.40 223	Pn	Pn	17 13 56.0 +1.1
GRNR	Gornyy	9.49 333j	eP	Pn	17 13 56.6 +0.6
GRNR	comp=E,9.0nm,1.1s		pmax	pmax	
GRNR	comp=N,20nm,1.0s		pmax	pmax	
GRNR	comp=Z,20nm,1.0s		MLR	MLR	
GRNR	comp=E,1.1m,12.0s		MLR	MLR	
GRNR	comp=Z,80nm,11.0s		eP	MLR	
GRNR	Gornyy	9.49 333	eP	Pn	17 13 56.6 +0.6
JHC	Hachiojima 2	9.73 197	P	AMB	17 13 57.3
JHJ	comp=Z,20nm,1.0s		S	Sn	17 13 56.2 -3.2
KLR	Kul'dur	10.42 314	eP	Pn	17 13 57.6 -9.2
KLR	comp=Z,59nm,0.3s,baz=79,slow=23,SNR=10		LR	LR	17 14 08.9 +0.2
KLR	comp=Z,0.7nm,0.3s,baz=120,slow=14,SNR=20		LR	LR	17 18 19.4
KLR	comp=Z,48nm,20.5s,baz=117,slow=38		LR	LR	17 18 19.4
KLR	Kul'dur	10.42 314j	eP	pmax	17 14 08.7 0.0
KLR	comp=Z,15nm,0.9s		eP	Pn	17 14 08.7 0.0
ULDB	Ulung-do Bore	10.42 314	eP	Pn	17 14 15.9 +3.9
JHS	Saijoo	10.83 230	Pn	Pn	17 14 14.3 -0.1
JMN	Monobe	11.39 223	Pn	Pn	17 14 20.9 -1.1
KSULJ	Uljin	12.08 246	Pn	Pn	17 14 37.0 -2.3
SKR	Severo-Kuril's	12.09 43j	eP	Pn	17 14 31.5 +0.5
SKR	Severo-Kuril's	12.09 43	eP	Pn	17 14 31.5 +0.5
SEHB	SEOHWA	12.13 255	P	P	17 14 38.4 -1.5
KSTBA	Taebaek	12.17 249	P	P	17 14 39.5 -1.0
YODB	Yeongdeok	12.17 245	P	P	17 14 38.3 -2.0
KSGWL	Sabuk	12.21 249	P	P	17 14 39.9 -0.9
KSJIA	INIE	12.35 254	P	P	17 14 42.2 -0.1
KSVOY	Yeongwol	12.49 250	P	P	17 14 42.9 -1.0
KSADO	Andong	12.55 246	P	P	17 14 44.0 -0.5
YOJB	Youngju	12.60 248	P	P	17 14 45.0 -0.1
KSCHC	Chuncheon	12.65 253	P	P	17 14 45.0 -0.1
JECH	Jecheon	12.68 250	P	P	17 14 46.0 0.0
KSR5	Korea Array	12.72 252	P	Pn	17 14 39.9 +0.5
KSR5	comp=Z,0.1nm,0.3s,baz=66,slow=13,SNR=19		S	Sn	17 17 07.1 +7.8
KSR5	comp=Z,0.9nm,0.3s,baz=66,slow=24,SNR=18		S	Sn	17 19 06.2
KSR5	comp=Z,44nm,21.1s,baz=61,slow=35		LR	LR	17 19 06.2
EUSB	Uiseong	12.75 246	P	P	17 14 47.0 +0.2
KSEUS	ULSEOONG	12.76 246	P	P	17 14 47.7 +0.9
KSAR	Wonju Array Be	12.76 252	Pn	Pn	17 14 43.9 -2.9
KSAR	Wonju Array Be	12.76 252	Pn	Pn	17 14 43.9 -2.9
YOCB	Yeongcheon	12.79 244	P	P	17 14 47.2 0.0
KSVOG	YEONGCHEON	12.79 244	P	P	17 14 46.7 -0.5
KSUSN	Ulsan	12.83 243	P	P	17 14 47.8 +0.1
KSDAG	Daegu	12.94 243	P	P	17 14 50.0 +1.0
KSCHJ	Chungju	12.97 249	P	P	17 14 50.0 +0.8
CN2	Changchun	13.01 282	eP	Pn	17 14 41.8 -1.4
CN2	comp=Z,10.0nm,0.8s		eS	Sn	17 15 12.3 +2.3
CN2	comp=Z,150nm,10.0s		pmax	pmax	17 17 04.3 -1.9
CN2	comp=Z,100nm,10.0s		LR	LR	
CN2	comp=Z,100nm,10.0s		LR	LR	
CN2	comp=Z,110nm,11.0s		LR	LR	
KSMGV	Mungyeong	13.02 248	P	P	17 14 50.7 +0.9

KSSAJ	Sangju	13.09 247	P	P	17 14 52.5 +2.0
KSCIN	Icheon	13.16 252	P	P	17 14 53.2 +1.9
KSBOB	Boeun	13.28 248	P	P	17 14 54.8 +2.1
OKCB	Cheongsan-myeo	13.37 248	P	P	17 14 56.0 +2.4
KSCFA	Cheonan	13.49 250	P	P	17 14 57.1 +2.1
TJN	Taejon	13.64 249	eP	P	17 14 56.8 +0.1
KSJEO	Jeonju	13.93 247	eP	P	17 15 04.1 +4.2
PEA0B	Petrovoplovsk	14.40 37j	eP	Pn	17 14 59.8 -1.3
PEA0B	Petrovoplovsk	14.40 37	Pn	Pn	17 14 59.3 -1.8
PEA0B	Petrovoplovsk	14.40 37	Pn	Pn	17 14 59.3 -1.8
PETK	Petrovoplovsk	14.40 37	eP	Pn	17 14 57.7 -3.5
PETK	Petrovoplovsk	14.40 37	eP	Pn	17 14 58.7 -2.5
PETK	Petrovoplovsk	14.40 37	eP	Pn	17 14 58.6 -2.5
PET	Petrovoplovsk	14.78 39	eP	Pn	17 15 05.4 -0.6
PET	comp=Z,19nm,1.2s		eS	Sn	17 17 42.2 -6.7
PET	comp=Z,100nm,19.0s		MLR	MLR	
JCJ	Chichijima	15.38 183	P	Pn	17 15 12.3 -1.4
JCJ	comp=Z,7.7nm,0.3s,baz=276,slow=22,SNR=11		S	Sn	17 17 49.0 -15
JCJ	comp=Z,15nm,0.3s,baz=272,slow=22,SNR=9.6		S	Sn	17 17 49.0 -15
JCJ	Chichijima	15.38 183	Pn	Pn	17 15 12.9 -0.8
JCJ	comp=Z,149nm,1.3s		IAMB	IAMB	17 15 24.5
ZEA	Zeya	15.44 322	eP	Pn	17 15 13.4 -0.8
ZEA	comp=E,30nm,0.9s		e	pmax	17 17 59.9
ZEA	comp=N,30nm,0.7s		pmax	pmax	
ZEA	comp=Z,70nm,0.8s		pmax	pmax	
ZEA	Zeya	15.44 322	eP	Pn	17 15 13.4 -0.8
HIA	Hailar	17.62 301	P	AMB	17 15 16.4
HIA	comp=Z,70nm,0.8s		P	P	17 15 39.9 -0.8
HIA	Hailar	17.62 301	P	pmax	17 15 39.9 -0.8
HIA	comp=Z,59nm,0.7s		IAMB	IAMB	17 15 39.9 -0.8
HIA	Hailar	17.62 301	P	IAMB	17 15 41.3
MA2	Magadan	17.74 13	P	P	17 15 40.5 -1.4
MA2	Magadan	17.74 13j	P	P	17 15 40.5 -1.4
MA2	comp=Z,1.3nm,0.3s,baz=192,slow=10,SNR=9.1		pmax	pmax	17 15 41.6 -0.3
MA2	Magadan	17.74 13j	eP	Pn	17 15 41.6 -0.3
MA2	Magadan	17.74 13	eP	P	17 15 41.6 -0.3
MA2	Magadan	20.41 272	eP	P	17 16 10.8 -0.2
MA2	Magadan	20.41 272	eP	P	17 16 10.8 -0.2
BJI	Beijing	21.05 261	P	pmax	17 16 16.6 -1.3
TIA	Tai'an	21.05 261	P	pmax	17 16 16.6 -1.3
TIA	comp=Z,4.0nm,0.5s		P	P	17 16 15.6 -3.1
YAK	Yakutsk	21.16 342	P	P	17 16 15.7 -3.1
YAK	comp=Z,19nm,0.4s,baz=142,slow=1.4,SNR=32		eS	S	17 20 06.2 -1.7
YAK	Yakutsk	21.16 342	eP	S	17 20 06.6 -0.7
YAK	comp=Z,95nm,1.0s		e'SS	e	17 27 23.8
YAK	comp=N,13nm,1.1s		pmax	pmax	
YAK	comp=E,9.0nm,1.1s		smax	smax	
YAK	comp=E,303nm,3.8s		smax	smax	
YAK	comp=N,480nm,4.1s		smax	smax	
YAK	Yakutsk	21.16 342	P	P	17 16 15.2 -3.6
SEY	Seymchan	21.18 12	P	P	17 16 17.5 -1.6
NJ2	Nanjing	21.90 250	eP	P	17 16 27.9 +0.8
NJ2	comp=N,7.0nm,1.0s		pmax	pmax	
HHC	Hu-ho-hao-te	23.60 277	eP	P	17 16 45.1 +1.3
HHC	comp=N,39nm,0.6s		pmax	pmax	
HHC	comp=N,72nm,5.7s		pmax	pmax	
BOD	Bodaibo	23.91 320	eP	P	17 16 43.0 -3.3
BOD	comp=Z,18nm,0.9s		pmax	pmax	
NACB	Ninganchiao	25.54 231	P	IAMB	17 17 00.0 -1.4
ULN	Ulanbaatar	25.85 294	eP	P	17 17 17.1
ULN	comp=Z,19nm,1.7s		pmax	pmax	17 17 04.3 +0.1
ULN	Ulanbaatar	25.85 294	eP	P	17 17 04.3 +0.1
ULN	Ulanbaatar	25.85 294	eP	P	17 17 05.1 +0.9
WHN	Wuhan	25.92 252	eP	P	17 17 04.9 +0.1
SOMN	Songino Array	26.30 294	P	P	17 17 08.4 +0.2
SOMN	comp=Z,9.4nm,0.5s,baz=89,slow=8.5,SNR=64		LR	LR	17 27 48.2
SOMN	comp=Z,59nm,19.4s,baz=160,slow=37		LR	LR	17 27 48.2
SOMN	Songino Array	26.30 294	P	P	17 17 08.6 +0.4
SOMN	comp=Z,16nm,1.0s		pmax	pmax	17 17 08.6 +0.4
SOMN	Songino Array	26.30 294	P	P	17 17 08.6 +0.4
XAN	Xi'an	26.30 294	P	P	17 17 23.8 +0.1
XAN	comp=Z,13nm,0.6s		pP	pP	17 17 48.3 +1.4
XAN	Xi'an	26.30 294	P	pmax	17 17 48.3 +1.4
TLY	Talaya	28.13 303	P	P	17 17 25.0 +0.6
TLY	comp=Z,14nm,0.6s,baz=76,slow=2.9,SNR=13		pmax	pmax	17 17 25.1 +0.6
TLY	Talaya	28.13 303	eP	P	17 17 25.1 +0.6
TLY	comp=Z,71nm,1.0s		P	P	17 17 24.7 +0.3
TLY	Talaya	28.13 303	P	IAMB	17 17 26.4
ZAK	Zakamensk	28.32 300	eP	P	17 17 25.7 -0.5
ZAK	comp=Z,16nm,1.2s		pmax	pmax	17 17 25.7 -0.5
ZAK	Zakamensk	28.32 300	eP	P	17 17 25.7 -0.5
BILL	Bilibino	28.42 18j	eP	P	17 17 27.1 +0.3
BILL	comp=Z,20nm,2.6s		fPP	pP	17 17 54.0 +3.9
BILL	comp=Z,32nm,15.0s		*SP	sP	17 18 02.0 -0.3
BILL	Bilibino	28.42 18	eP	P	17 18 20.0
BILL	comp=Z,20nm,2.6s		pmax	pmax	
BILL	comp=Z,32nm,15.0s		MLR	MLR	
BILL	Bilibino	28.42 18	eP	P	17 17 27.1 +0.3
MOY	Monday	29.78 303	eP	P	17 17 40.2 +1.1
TIXI	Tiksi	30.08 351	P	P	17 17 38.5 -2.8
TIXI	comp=Z,3.1nm,0.7s,baz=140,slow=5.8,SNR=11		pmax	pmax	17 17 38.5 -2.8
TIXI	Tiksi	30.08 351j	eP	P	17 17 38.4 -2.9
TIXI	comp=Z,14nm,2.2s		pmax	pmax	
TIXI	Tiksi	30.08 351	P	P	17 17 39.0 -2.3
H1N2	WAKE ISLAND Hy	30.27 131	T	T	17 49 17.4
H1N1	WAKE ISLAND Hy	30.28 131	T	T	17 49 24.9
H1N3	WAKE ISLAND Hy	30.28 131	T	T	17 49 23.7
LZH	Lanzhou	30.89 271	jP	P	17 17 50.1 +0.9

Table with columns: PDG, Podgorica, 81.55 322, P, 17 23 48.7 +0.4, FITZ, 0.1nm, 0.3s, baze=15, slow=18, SNR=2.0, WRA, Warrungarra Arr, 16.10 164, P, 17 19 52.9 -1.5, etc.

IDC 15 17:16:16.9, 1.9, 4.39S, 129.83E, h149km, 22km, mb3.2/3, mb1 3.7/8, mb1mx3.4/30, mbtmp4.0/8, Error ellipse: s-maj=34.9km s-min=16.3km az=93.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, MSAI, Masohi, 1.32 321, P, 17 16 44.3 +0.3, etc.

Table with columns: FITZ, 0.1nm, 0.3s, baze=15, slow=18, SNR=2.0, WRA, Warrungarra Arr, 16.10 164, P, 17 19 52.9 -1.5, etc.

NOU 15 17:33:28.9, 29.03S:177.18W, h258km, mb4.1/8, Kermadec Islands, New Zealand

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, RIZ, Raoul Island, 0.31 92, P, 17 34 03.8 -0.6, etc.

IDC 15 17:51:24.4, 49.0, 12.62S:168.29E, h0km, mb3.4/3, mb1 4.5/3, mb1mx3.6/35, mbtmp4.3/3, Error ellipse: s-maj=84.5km s-min=110.6km az=64.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, STKA, Stephens Creek, 31.12 228, Op, 17 57 45.0 +0.2, etc.

IDC 15 17:54:10.7, 2.5, 14.89S:173.65W, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.6/34, mbtmp3.9/3, ML4.3/1, MS3.0/2, Ms1 3.0/2, ms1mx2.6/27, Error ellipse: s-maj=194.7km s-min=25.4km az=155.0, Samoa Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, AFI, Afiamalu, 2.06 62, P, 17 54 46.6 -0.1, etc.

DRS 15 18:08:33.2, 0.0, 43.13N:43.82E, h9km, ML3.4/5, MOS 15 18:08:39.8, 0.0, 43.65N:43.97E, h6km, MPVA4.1, FELT I=III MSK at Mayskiy

IDC 15 18:08:39.2, 0.9, 43.58N:44.06E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/48, mbtmp3.6/5, ML3.8/1, MS3.9/2, Ms1 3.9/2, ms1mx2.6/30, Error ellipse: s-maj=15.5km s-min=7.0km az=11.0

NORS 15 18:08:40.0, 0.0, 43.67N:44.00E, h1km, MPVA4.3, TIF 15 18:08:40.0, 43.67N:44.04E, h9km, 2kg, NNC 15 18:08:52.7, 7.8, 43.88N:45.48E, h0km, mb3.6, Error ellipse: s-maj=156.6km s-min=64.6km az=129.0

IDC 15 18:08:41.0, 0.0, 43.65N:0.02, 44.04E, 0.01, h15km, 6km, n127, s145/193, mb3.3/3, 13C3W, Western Caucasus

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, PRTR, Priterechnaya, 0.20 61, Op, 17 52 50.7 +0.2, etc.

SJA 15 17:37:58.0, 23.05S:69.26W, h10km, ML4.1, Northern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, VANB, Van, Ozalp-Mer, 0.23 258, Op, 17 40 58.9 -1.2, etc.

IDC 15 17:51:24.4, 49.0, 12.62S:168.29E, h0km, mb3.4/3, mb1 4.5/3, mb1mx3.6/35, mbtmp4.3/3, Error ellipse: s-maj=84.5km s-min=110.6km az=64.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, STKA, Stephens Creek, 31.12 228, Op, 17 57 45.0 +0.2, etc.

IDC 15 17:54:10.7, 2.5, 14.89S:173.65W, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.6/34, mbtmp3.9/3, ML4.3/1, MS3.0/2, Ms1 3.0/2, ms1mx2.6/27, Error ellipse: s-maj=194.7km s-min=25.4km az=155.0, Samoa Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, AFI, Afiamalu, 2.06 62, P, 17 54 46.6 -0.1, etc.

DRS 15 18:08:33.2, 0.0, 43.13N:43.82E, h9km, ML3.4/5, MOS 15 18:08:39.8, 0.0, 43.65N:43.97E, h6km, MPVA4.1, FELT I=III MSK at Mayskiy

IDC 15 18:08:39.2, 0.9, 43.58N:44.06E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/48, mbtmp3.6/5, ML3.8/1, MS3.9/2, Ms1 3.9/2, ms1mx2.6/30, Error ellipse: s-maj=15.5km s-min=7.0km az=11.0

NORS 15 18:08:40.0, 0.0, 43.67N:44.00E, h1km, MPVA4.3, TIF 15 18:08:40.0, 43.67N:44.04E, h9km, 2kg, NNC 15 18:08:52.7, 7.8, 43.88N:45.48E, h0km, mb3.6, Error ellipse: s-maj=156.6km s-min=64.6km az=129.0

IDC 15 18:08:41.0, 0.0, 43.65N:0.02, 44.04E, 0.01, h15km, 6km, n127, s145/193, mb3.3/3, 13C3W, Western Caucasus

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, PRTR, Priterechnaya, 0.20 61, Op, 17 52 50.7 +0.2, etc.

SJA 15 17:37:58.0, 23.05S:69.26W, h10km, ML4.1, Northern Chile

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBZ Khabaz, LACR Lac, and various other broadcast stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARKAR Arakani, KMKR Kumukh, and various other broadcast stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SANVU Sarautou, DVP Devils Point, and various other broadcast stations.

IDC 15 18:16:29.3;5.3;5.71S; 151.09E, h49km,44km,mb3.6/4, mb1.9/5, mb1mx3.3/42, mbmtbp3.9/5, ML2.1/1, Error ellipse: s-maj=89.6km s-min=33.1km az=129.0

ISC 18 18:21:11.7;0.8, 14:86S;0.07;167.749E;0.10, h129km, n78, m3.8/4, New Britain region

IDC 15 18:17:01.4;2.8, 18:05S;176.24W, h263km, 34km, mb2.9/3, mb1.3/2.4, mb1mx2.9/37, mbmtbp3.6/4, Error ellipse: s-maj=174.0km s-min=27.4km az=145.0

ISC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

IDC 15 18:17:01.4;2.8, 18:05S;176.6W;0.6, h250km, n5, m3.8/4, Fiji Islands region

ISU 15 19:05:53, 39.53N;170.18E, h5km

IDC 15 19:05:56.6;1.0, 39.63N;170.27E, h0km, mb3.7/6, mb1.3/8.11, mb1mx3.5/41, mbmtbp3.6/11, ML3.3/5, Error

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	TEYL	Yanliu Villag	1.22 226	IP	Pn	20 24 19.4	0.0	baz=213	YUS	Yu-Shan	1.91 230	P	Pn	20 24 29.0	+0.9		
JYNG	Yonagunijimaku	0.45	127	Op	ISC	h m s	ISC	TEYL	baz=224		S	Sn	20 24 36.8	-0.4	baz=225	YUS	Yu-Shan		eS	Sn	20 24 53.0	+0.2		
JYNG	Yonagunijimaku	0.45	127	S	Pn	20 24 12.5	+0.2	NCU	baz=224	1.27	282	P	Pn	20 24 21.0	+1.1	baz=251	WCHH	Zhanghua	1.93	251	P	Pn	20 24 28.8	+0.9
YOJ	Yonaguni jima	0.49	122	IP	Sn	20 24 24.6	-0.1	NCU	National Centr		S	Sn	20 24 39.5	+1.3	baz=209	WCHH	Zhanghua		iS	Sn	20 24 53.6	+1.2		
YOJ	Yonaguni jima	0.49	122	P	Sn	20 24 12.8	+0.2	NCU	baz=288		S	Sn	20 24 21.1	+1.1	baz=251	WCHH	Zhanghua		iS	Sn	20 24 53.6	+1.2		
YOJ	Yonaguni jima	0.49	122	P	Sn	20 24 12.7	+0.1	NCUH	Zhongli	1.27	281	P	Sn	20 24 21.1	+1.1	baz=209	CHKT	Chengkung	1.95	214	eP	Pn	20 24 27.8	-0.3
EGS	Yonaguni jima	0.58	282	P	Pn	20 24 13.9	+0.7	NCUH	baz=288		S	Sn	20 24 39.2	+1.0	baz=209	CHKT	Chengkung		eS	Sn	20 24 50.7	-2.2		
TWB1	Santiao Chiao	0.59	299	iP	Pn	20 24 13.8	+0.5	FUSS	Fushou	1.28	249	P	Pn	20 24 21.3	+0.9	baz=244	JTJ	Tarama	1.96	92	P	Sn	20 24 28.9	+0.7
TWB1	Santiao Chiao	0.59	299	iP	Pn	20 24 26.4	-0.1	FUSS	baz=244		S	Sn	20 24 38.7	-0.2	baz=228	JTJ	Tarama		eS	Sn	20 24 52.4	-0.6		
TWC	Suao	0.65	260	IP	Sn	20 24 13.8	+0.1	WHF	Hehuan Shan	1.31	244	iP	Pn	20 24 21.3	+0.5	baz=228	ALS	Alishan	2.00	233	eP	Pn	20 24 30.7	+1.6
TWC	Suao	0.65	260	IP	Sn	20 24 13.8	+0.1	WHF	baz=240		S	Sn	20 24 21.3	+0.5	baz=228	ALS	Alishan		eS	Sn	20 24 55.2	+0.7		
TWC	Suao	0.65	260	IP	Sn	20 24 26.7	-0.6	HATJ	Hateruma jima	1.32	120	P	Pn	20 24 38.8	-1.0	baz=226	ECS	Chishang	2.03	217	P	Pn	20 24 29.9	+0.7
NTC	Toucheng	0.67	282	P	Pn	20 24 14.4	+0.5	HATJ	baz=226		S	Sn	20 24 21.2	+1.0	baz=226	ECS	Chishang		S	Sn	20 24 54.4	-0.3		
NTC	Toucheng	0.67	282	P	Pn	20 24 14.4	+0.5	HATJ	NJD	1.33	271	P	Sn	20 24 21.9	+1.2	baz=222	ELDTW	Lidau	2.08	223	iP	Pn	20 24 29.8	-0.1
TIPB	Shuangxi	0.71	291	IP	Pn	20 24 14.8	+0.6	NJD	baz=270		S	Sn	20 24 40.2	+0.7	baz=222	ELDTW	Lidau		iS	Sn	20 24 54.9	-1.0		
TIPB	Shuangxi	0.71	291	IP	Pn	20 24 14.8	+0.6	TWT	Tachien	1.34	250	P	Pn	20 24 22.4	+1.4	baz=222	EDH	Dotne	2.08	214	P	Pn	20 24 29.8	-0.1
TIPB	Shuangxi	0.71	291	IP	Pn	20 24 28.1	-0.1	TWT	baz=243		S	Sn	20 24 40.9	+0.9	baz=209	EDH	Dotne		eS	Sn	20 24 54.3	-1.6		
ILA	Ilan	0.73	274	IP	Pn	20 24 15.0	+0.6	TDCB	Techi	1.35	250	P	Pn	20 24 22.1	+1.0	baz=209	WGK	Gulung	2.09	241	iP	Pn	20 24 31.6	+1.6
ILA	Ilan	0.73	274	IP	Pn	20 24 15.0	+0.6	TDCB	baz=244		eS	Sn	20 24 39.2	-1.0	baz=251	WGK	Gulung		eS	Sn	20 24 58.7	+2.6		
EWUT	Wuta	0.76	249	P	Pn	20 24 15.1	+0.4	ESL	Shilin	1.36	229	iP	Pn	20 24 20.7	-0.3	baz=251	WRL	Guollerin Hig	2.15	248	eP	Pn	20 24 31.1	+0.4
EWUT	Wuta	0.76	249	P	Pn	20 24 15.1	+0.4	ESL	baz=237		eS	Sn	20 24 39.1	-1.1	baz=255	WRL	Guollerin Hig		eS	Sn	20 24 56.8	-0.6		
NDS	Dongshan	0.77	264	IP	Pn	20 24 15.2	+0.5	TEGC	Jichi Village	1.37	223	P	Pn	20 24 21.4	+0.3	baz=243	WTK	Tuku	2.23	243	P	Pn	20 24 32.8	+1.0
NDS	Dongshan	0.77	264	IP	Pn	20 24 15.2	+0.5	TEGC	baz=223		S	Sn	20 24 21.4	+0.3	baz=243	WTK	Tuku		S	Sn	20 25 00.0	+0.8		
NWF	Wu-fen Shan	0.79	297	IP	Pn	20 24 15.6	+0.5	HSN1	Hsinchu	1.40	273	P	Pn	20 24 22.4	+1.0	baz=249	CHN2	Minshiang	2.24	239	iP	Pn	20 24 33.7	+1.9
NWF	Wu-fen Shan	0.79	297	IP	Pn	20 24 15.6	+0.5	HSN1	baz=272		S	Sn	20 24 21.7	+0.9	baz=249	CHN2	Minshiang		eS	Sn	20 25 01.6	+2.2		
WFSB	Wu-fen Shan	0.79	297	IP	Pn	20 24 15.6	+0.7	LIOB	Emei	1.40	267	iP	Pn	20 24 22.3	+0.8	baz=227	STYH	Taoyuan	2.24	227	eP	Pn	20 24 33.5	+1.6
WFSB	Wu-fen Shan	0.79	297	IP	Pn	20 24 15.6	+0.7	LIOB	baz=267		iS	Sn	20 24 41.4	+0.4	baz=227	STYH	Taoyuan		eS	Sn	20 25 00.4	+0.9		
ENA	Nanau	0.80	249	P	Pn	20 24 15.4	+0.4	JKRS	Kuro-shima	1.41	110	P	Pn	20 24 22.3	+0.8	baz=227	WTCT	Ta-cheng	2.24	248	P	Pn	20 24 32.5	+0.6
ENA	Nanau	0.80	249	P	Pn	20 24 15.4	+0.4	JKRS	baz=266		iS	Sn	20 24 41.2	0.0	baz=255	WTCT	Ta-cheng		S	Sn	20 24 59.1	-0.4		
TWE	Neicheng	0.81	270	IP	Pn	20 24 15.7	+0.6	NSST	Nanjuang	1.42	267	iP	Pn	20 24 22.3	+0.6	baz=233	CHN4	Tsaushan	2.25	233	eP	Pn	20 24 32.0	-0.1
TWE	Neicheng	0.81	270	IP	Pn	20 24 15.7	+0.6	NSST	baz=266		iS	Sn	20 24 41.2	0.0	baz=233	CHN4	Tsaushan		eS	Sn	20 24 32.0	-0.1		
EHP	Heping Village	0.85	241	P	Pn	20 24 15.6	+0.1	CHGB	Renai	1.42	243	P	Pn	20 24 22.8	+0.9	baz=226	TPUB	Ta-pu	2.26	232	P	Pn	20 24 33.6	+1.4
EHP	Heping Village	0.85	241	P	Pn	20 24 15.6	+0.1	CHGB	baz=237		S	Sn	20 24 42.1	+0.4	baz=226	TPUB	Ta-pu		eS	Sn	20 25 02.4	+2.4		
ENTT	Nioudou	0.90	265	IP	Pn	20 24 16.9	+0.8	SBCB	Hsinchu	1.43	273	P	Pn	20 24 22.7	+0.9	baz=226	TPUB	Ta-pu	2.26	232	P	Pn	20 24 33.6	+1.4
ENTT	Nioudou	0.90	265	IP	Pn	20 24 16.9	+0.8	SBCB	baz=272		S	Sn	20 24 42.7	+1.2	baz=227	STYT	Taoyuan	2.26	227	P	Pn	20 24 33.9	+1.7	
TWA	Mucha	0.92	287	IP	Pn	20 24 16.7	+0.5	HSN	Hsinchu	1.44	274	P	Pn	20 24 22.4	+0.4	baz=227	LDUT	Ludao	2.27	206	P	Pn	20 24 32.2	0.0
TWA	Mucha	0.92	287	IP	Pn	20 24 16.7	+0.5	HSN	baz=274		S	Sn	20 24 41.6	-0.2	baz=211	LDUT	Ludao		eS	Sn	20 24 58.4	-1.7		
NHY	Taipei	0.95	290	P	Pn	20 24 17.2	+0.7	EGFH	Guangfu	1.47	225	P	Pn	20 24 22.3	0.0	baz=211	CHY	Chiayi	2.30	238	P	Pn	20 24 34.0	+1.4
NHY	Taipei	0.95	290	P	Pn	20 24 17.2	+0.7	EGFH	baz=221		S	Sn	20 24 41.0	-1.4	baz=248	CHY	Chiayi		eS	Sn	20 25 01.8	+1.0		
NDT	Datong Townshi	0.95	263	IP	Pn	20 24 17.6	+1.0	OWD	Renai	1.47	239	iP	Pn	20 24 23.1	+0.6	baz=248	WTP	Ta-pu	2.30	231	iP	Pn	20 24 34.3	+1.5
NDT	Datong Townshi	0.95	263	IP	Pn	20 24 17.6	+1.0	OWD	baz=234		iS	Sn	20 24 42.4	-0.3	baz=231	WTP	Ta-pu		eS	Sn	20 25 03.6	+2.5		
NWLT	Wulai	0.96	274	P	Pn	20 24 17.0	+0.3	JJJ	Ishigaki jima	1.49	103	P	Pn	20 24 22.8	+0.3	baz=231	TWGT	Beinan	2.33	216	P	Pn	20 24 32.9	-0.1
NWLT	Wulai	0.96	274	P	Pn	20 24 17.0	+0.3	JJJ	baz=253		S	Sn	20 24 45.0	+1.2	baz=221	TTN	Taitung	2.34	214	P	Pn	20 24 30.0	+0.8	
NHHD	Xindian Distri	0.97	285	IP	Pn	20 24 17.2	+0.6	WHP	Taichung City	1.53	254	P	Pn	20 24 24.7	+1.6	baz=221	TTN	Taitung		eS	Sn	20 25 00.2	-1.4	
NHHD	Xindian Distri	0.97	285	IP	Pn	20 24 17.2	+0.6	WHP	baz=253		eS	Sn	20 24 45.0	+1.2	baz=221	TTN	Taitung		eS	Sn	20 25 00.2	-1.4		
NHHD	Xindian Distri	0.97	285	IP	Pn	20 24 31.6	-0.8	NJN	Zhunan	1.53	269	P	Pn	20 24 23.7	+0.7	baz=233	TWK	Hsinying	2.38	233	P	Pn	20 24 35.4	+1.7
NHHD	Xindian Distri	0.97	285	IP	Pn	20 24 31.6	-0.8	NJN	baz=268		S	Sn	20 24 44.9	+1.2	baz=233	TWK	Hsinying		eS	Sn	20 25 04.2	+1.3		
TAP1	Taipei	0.99	289	eP	Pn	20 24 17.6	+0.7	HGSD	Ruisui	1.60	220	eP	Pn	20 24 23.9	+0.1	baz=233	JIRB	Irabujima	2.38	87	P	Sn	20 24 34.4	+0.7
TAP1	Taipei	0.99	289	eP	Pn	20 24 17.6	+0.7	HGSD	baz=221		eS	Sn	20 24 44.5	-0.7	baz=244	JIRB	Irabujima		S	Sn	20 25 02.9	+0.1		
YM01	YM01	0.99	296	IP	Pn	20 24 17.6	+0.6	HGSD	Yuisui	1.60	220	eP	Pn	20 24 23.9	+0.1	baz=244	WSF	Szhu	2.39	244	iP	Pn	20 24 34.5	+0.8
YM01	YM01	0.99	296	IP	Pn	20 24 17.6	+0.6	HGSD	baz=221		eS	Sn	20 24 44.5	-0.7	baz=244	WSF	Szhu		iS	Sn	20 25 03.6	+0.7		
YM08	YM08	0.99	298	IP	Pn	20 24 17.3	+0.4	JJSG	Ishigakijimahi	1.60	94	P	Pn	20 24 24.4	+0.5	baz=229	CHN1	Nanshi	2.40	231	iP	Pn	20 24 35.5	+1.5
YM08	YM08	0.99	298	IP	Pn	20 24 17.3	+0.4	JJSG	baz=221		S	Sn	20 24 24.4	+0.5	baz=231	CHN1	Nanshi		eS	Sn	20 25 04.5	+1.2		
YM08	YM08	0.99	298	IP	Pn	20 24 32.5	-0.4	VWDT	VWDT	1.61	234	P	Pn	20 24 24.8	+0.8	baz=231	SNST							

15d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNG Penghu, PHUB Peng-hu, XPSS Dashiqliu, etc.

IDC 15:20:37.54:3.2, 2.9, 29.745:71.96W, h0km, mb4.0/1, mb1 3.8/2, mb1mx3.5/16, mbtmp3.7/2, ML3.2/1, MS3.1/2, Ms1 3.1/2, ms1mx2.6/22, Error ellipse: s-maj=-125.3km s-min=48.6km az=96.0, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H03N1 Juan Fernandez, H03N2 Juan Fernandez, etc.

NIC 15:21:01:18.5:0.0, 34.1:10N:33.75E, h10km, 2km, M12.9/6, G11 15:21:01:19.5:0.0, 34.07N:33.94E, h2km, Mm2.4/2, ISC 15:21:01:18.3:1.4, 34.12N:0.03:33.83E:0.04, h12km, 12km, n17, #09128, 2D, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASGA Asgata, ASGA, FITZ Fitzroy Crossi, etc.

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NIC 15:21:02:59.9:0.0, 34.1:19N:33.85E, h15km, 1km, M13.0/5, G11 15:21:03:04.6:0.3, 34.04N:33.66E, h31km, Mm2.5/2, ISC 15:21:02:59.4:1.3, 34.12N:0.04:33.78E:0.04, h11km, 11km, n20, #09636, 2C, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASGA Asgata, PARAL Paralamini, ALFC Alefka, etc.

IDC 15:21:03:47.6:2.5, 9.32S: 113.48E, h0km, mb3.4/5, mb1 3.6/6, mb1mx3.3/40, mbtmp3.5/6, ML3.0/1, MS2.4/2, Ms1 2.4/2, ms1mx2.2/18, Error ellipse: s-maj=122.4km s-min=19.9km az=49.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ, DAV Davao City (W), etc.

JMA 15:21:05:25.4:0.1, 24.2:21N:121.77E, h28km, 2km, M2.6, TAP 15:21:05:25.7, 24.26N:121.83E, h18km, ML3.4, B, ISC 15:21:05:24.9:0.8, 24.22N:121.89E:0.01, h16km, 6km, n121, #0976/209, 15D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EHP Heping Village, ETL Etl, EWUT Wuta, etc.

946

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNSB Datong, NNSB, ENTT Nioudou, etc.

Table with columns: ICAO, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like MKAR, NEEM, EDM, etc.

Table with columns: ICAO, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like KHC, KASPERSKA, BTNL, etc.

Table with columns: ICAO, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like KOLN, DANN, PBA, etc.

BUL 15:23:24:38.40.0.24:90N:94.74E,h70km,mB4.5/17, mb4.3/32,Ms4.2/2,Ms7.3/2, IDC 15:23:24:39.70.0.24:66N:94.88E,h94km,4km,mb3.7/21, m1.3/8/22,mb1mx3.7/47,mbtmp4.1/22,MS3.0/5, s-min=6.7km az=108.0, NDI 15:23:24:39.71.1.7.24:72N:94.73E,h92km,27km,ML4.3, NEIC 15:23:24:39.71.1.7.24:72N:94.73E,h92km,27km, az=223.0, ISC 15:23:24:39.6.0.5,24:71N:0.004:94.75E,0.04,h93km,4km, n101,e151/131,mb4.3/38,2C,Myanmar-India border 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. Rows include stations like KOHI, MOKO, ITAN, etc.

16d 0h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NORSTAR Subarra, NORSTAR Array B, GERESS Array B, etc.

SKO 15:23:26.49.9, 42:01N:20:34E, h24km
THE 15:23:26.50.7, 41.93N:20:37E, h1km, 2km, ML2.4/3, Error ellipse: s-maj=3.7km s-min=1.4km az=336.0

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

2015 NOV

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

GUC 15:23:29.44.0, 6.2, 29:58S:72:03W, h23km, 6km, ML4.3
NEIC 15:23:29.44.6, 2.0, 29:54S:0:04, 71:98W:0:03, h14km, 5km, mb4.2/4, Mw3.9/20, ML4.3(GUC), Error ellipse: s-maj=6.0km s-min=2.1km az=206.0

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Serena, Fray Jorge, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, etc.

NEIC 15:23:53.39.2, 1.4, 19:75S:0:1, 178:0W:0:1, h587km, 12km, mb4.5/32, Error ellipse: s-maj=21.0km s-min=16.5km az=159.0

ICD 15:23:53.40.6, 1.7, 19:88S:178:05W, h612km, 18km, mb3.4/6, mb1.3/6.9, mb1mx3.2/5, mbtmpr4.4/9, Error ellipse: s-maj=28.2km s-min=17.3km az=148.0

ISC 15:23:53.39.5, 0.6, 19:75S:0:1, 177:98W:0:09, h600km, n77, c0:98/78, mb4.4/18, 13C-9D, Fiji Islands region

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

Table with columns: Station Name, Az, El, P, S, Res. Includes stations like NNZ Nelson, BSWZ Blackbirch Sta, LTZ Lake Taylor, etc.

WEL 16 00:03:33.7, 0.835 S, 9.18 E, h247km, 11km. M4.0/18, mb4.3/4, ML4.4/19, MLv1.1/18, Mw(Mb)3.5/4, Error ellipse: s-maj=0.0km s-min=0.0km az=114.8, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like MXZ Matakaoa Point, WMGZ Waionamatinati S, etc.

UCR 16 00:38:55.7, 2.1, 20.37N, 80.83W, h259km, 667km, ML5.2, mb5.9(NEIC)

INET 16 00:39:20.7, 17.88N, 81.87W, h10km, MW5.8. JSN 16 00:39:30.0, 8.0, 17.40N, 82.06W, h15km, 999km. IDC 16 00:39:30.0, 8.0, 17.72N, 81.97W, h0km, mb5.2/27, mb1.5/3/3, mb1mxs/3/36, mbtmps/2/33, ML4.8/5, MS5.3/34, MS1.5/3/4, ms1mxs/1/41, Error ellipse: s-maj=14.0km s-min=9.4km az=60.0

MOS 16 00:39:31.1, 1.0, 17.71N, 82.01W, h10km, mb5.8/83, MS5.3/42, Error ellipse: s-maj=5.9km s-min=3.9km az=83.7

NEIC 16 00:39:33.5, 2.2, 17.84N, 0.04, 81.82W, 0.05, h7km, 3km, mb5.7/718, Ms 2.0/4.311, Mw(b)5.8/255, Mw5.8, Mw5.9(GCMT), Error ellipse: s-maj=7.6km s-min=6.3km az=117.0

NEIC 16 00:39:34, 17.82N, 81.87W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm, Mrr:0.61, Mth:2.23, Mtt:1.61; Mtr:1.14, Mts:5.93, Mtt:2.21; Fault plane solution: Mw:7.3000x10^17, NP1:349.07000, 3.72, 872.69000, 1.3, 19.0000; NP2:349.07000, 3.77, 411.0000, 1.62, 25.0000; Principal axes: T: 6.8890, Plg1:0.0000, Azm305.0000; N: -0.3281, Plg6:0.0000, Azm135.0000; P: -6.5609, Plg3:0.0000, Azm37.0000;

λ-11.00000. Principal axes: T 8.3120, Plg2.0000. Azm306.0000; N 0.5150, Plg7.0000; Azm45.0000; P -8.8270, Plg13.0000; Azm215.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function BGR 16 00:39:37.8, 0.0, 18.12N, 81.61W, h18km, 2km, mb5.6, mb. B5.8, Ms5.3. NEIC 16 00:39:37, 17.84N, 81.73W, h18km, Moment Tensor Solution. Duration: 860. Moment tensor: Scale 10^17Nm; Mrr:1.00, Mth:2.69, Mtt:1.69; Mtr:0.61, Mts:6.57, Mtt:2.07; Fault plane solution: Mw:7.3000x10^17, NP1:349.07000, 3.72, 872.69000; NP2:349.07000, 3.77, 411.0000; 1.63, 0.0000; Principal axes: T: 7.1077, Plg1:0.0000, Azm305.0000; N: 0.3788, Plg7:0.0000, Azm141.0000; P: -7.4866, Plg5:0.0000, Azm37.0000;

NEIC 16 00:39:37, 17.88N, 81.98W, h16km, Moment Tensor Solution. Duration: 454. Moment tensor: Scale 10^17Nm; Mrr:0.27, Mth:2.67, Mtt:2.94; Mtr:2.35, Mts:7.96, Mtt:0.55; Fault plane solution: Mw:7.8000x10^17, NP1: 0.351, 0.0000, 3.75, 0.0000, 1.74, 0.0000; NP2: 0.260, 0.0000, 3.84, 0.0000, 1.5, 0.0000; Principal axes: T: 8.6707, Plg6:0.0000, Azm306.0000; N: 0.2165, Plg7:0.0000, Azm58.0000; P: -8.8872, Plg15:0.0000; Azm215.0000;

ISC 16 00:39:31.4, 0.6, 17.69N, 0.03, h2km, 3km, h3km, p-P, N1712, 1965/1543, mb5.7/463, MS5.4/2347, 378C-27.10, Fault plane solution: NP1:349.07000, 3.72, 872.69000; NP2:200.19499, 886.12575, 1.58, 0.2795; Principal axes: T: Plg12.4851, Azm332.3880; N: Plg67.7057, Azm209.7021; P: Plg18.1641, Azm66.5539; North of Honduras

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like FSCY Frank Sound, G, LSCY Blossom Villag, MCJ Malvern, etc.

Table with columns: Station Name, Az, El, P, S, Res. Includes stations like ZARC Zaragoza, CMIG Matias Romo, OCAG Ocaña, etc.

16d Oh

Table with columns for call letters, frequency, power, and other technical details for stations in the 16d Oh area.

2015 NOV

Table with columns for call letters, frequency, power, and other technical details for stations in the 2015 NOV area.

952

Table with columns for call letters, frequency, power, and other technical details for stations in the 952 area.

Table with columns: Station ID, Name, Frequency, Power, Direction, etc. Includes stations like L48A N Adams, N62A Caumsett, KSPA Keystone Colle, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, etc. Includes stations like WES Weston, WES Weston, WES Weston, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, etc. Includes stations like SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, etc.

16d 0h

Table with columns: COI, comp-Z, IAMS_20, IAMS_20, 01 16 33.6, PAB, San Pablo, 69.51 54, IAMS_20, IAMS_20, 01 17 40.5, KONO, Kongsberg, 75.69 32, IAMS_20, IAMS_20, 01 26 29.5

2015 NOV

Table with columns: PAB, San Pablo, 69.51 54, IAMS_20, IAMS_20, 01 17 40.5, KONO, Kongsberg, 75.69 32, IAMS_20, IAMS_20, 01 26 29.5

956

Table with columns: KONO, Kongsberg, 75.69 32, IAMS_20, IAMS_20, 01 26 29.5, DBIC, Dimbokro, 75.72 87, IAMS_20, IAMS_20, 01 21 02.6

16d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VTS Vitosa, VAY Valandovo, AKASG Malin Array Be, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRTR Keskin Array B, ARU Arti, ARU Suroca, etc.

958

Table with columns for station name, frequency, power, and other technical details. Includes stations like XAN, WHN Wuhan, CAN, etc.

JMA 16 01:46:59.6, 0.1, 24.43N, 122.99E, h50km, 1km, M2.2
TAP 16 01:46:59.4, 24.34N, 122.96E, h45km, M2.6, C
ISC 16 01:46:59.9, 1, 2, 24.34N, 122.98E, 0.003, h46km, 7km, n38, 0:06/52, Taiwan region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, and other details. Includes stations like JYNG, YOJ, YOY, etc.

comp=Z,55nm,21.4s,baz=260,slow=30
ASAR Alice Springs 25.50 163 P P 02 50 31.2 +1.1
MKAR Makanchi Array 59.53 327 P P 02 55 05.0 -0.2

IDC 16 03:11:46.6,0.7,7.81S;118:95E,h0km,mb4.3/7,
mb1 4.4/10,mb1mx4.0/35,mbtmp4.2/10,ML3.9/3,MS3.3/7,
Ms1 3.3/7,ms1mx2.9/47,Error ellipse: s-maj=33.5km
s-min=14.6km az=72.0
NEIC 16 03:11:48.3,1.3,7.77S;0:07:119:00E;0:07:h10km,1km
mb4.6/22,Error ellipse: s-maj=12.3km s-min=11.0km
az=238.0

DJA 16 03:11:50.0,1.6,8.2;2:11:9E;h23km,15km,M4.5/17,
mb4.8/3,mb4.9/2,MLV4.4/17,MW(mb)4.2/2
ISC 16 03:11:50.8,0.4,7.79S;0:04:119:04E;0.05,h34km,n72,
a137/73,mb4.5/17,MS3.2/4,Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PLAI Plampang, WBSI Waikabubak, BSSI Bau Bau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SOEI Soe, GMJI Gumukmas, LUWI Luwuk, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRO Warramunga Arr, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PSI Prapat, FORT Forrest, COEN Coen, BBOO Buckleboo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, ARMA Armadale, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MAW Mawson, GEYT Alibeck, VNSA Vanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ABKAR Akbulak array, QSPA South Pole Qui, MMAI Mount Meron Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VNA2 Neumayer, TORD Torodi Arr, TORD Torodi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BDFB Brasilia, BDFB Brasilia, NIED 16 03:16:21.6,31:31N;128:73E,h8km,MW3.7, etc.

257.00000°, 869.00000°, λ-10.00000°.
JMA 16 03:16:21.5,0.4,31.31N;128:73E,h8km,4km,M3.6,
Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JSJ Shimokoshihiki, JFU Fukui jima 2, JSU Suzuyama, etc.

IDC 16 03:31:37.2,0.5,52:00N;173:71E,h0km,mb4.6/36,
mb1 4.7/38,mb1mx4.7/48,mbtmp4.6/38,ML3.6/2,MS4.3/38,
Ms1 4.3/38,ms1mx4.7/42,Error ellipse: s-maj=15.0km
s-min=9.3km az=165.0

AEIC 16 03:31:37.3,4.5,1:93N;0:06:173:18E;0:09:h49km,4km,
Error ellipse: s-maj=9.3km s-min=8.2km az=150.0
KRSC 16 03:31:38.0,1.7,51:94N;173:31E;h16km,23km,ML4.7
BUI 16 03:31:38.5,0.0,52:13N;174:02E,h34km,mb5.0/35,
mb4.8/60,Ms4.9/50,Ms7 4.6/47

MOS 16 03:31:40.6,1.1,51:95N;173:56E,h35km,mb5.2/92,
MS4.6/13,Error ellipse: s-maj=5.7km s-min=3.4km
az=116.6

GCMT 16 03:31:42.2,0.3,52:00N;0:03:173:67E;0:04,h18km,1km,
MW3.1/93,Moment Tensor Solution. s44,c53; s93,c124;
Duration: 0 Moment tensor: Scale 1016Nm; M0:25;
Ms0:3.0E+18; Mw:0.0113; Mw:68.6E+66; Mw:83E+09;
Mw:0.6E+27; Best double couple: M0:53700x1016
NP1:0.292,00000°, 615,00000°, λ104,00000°. NP2:
0.98,00000°, 876,00000°, λ86,00000°. Principal axes: T
6.4480,Plg59.0000°, Azm3.0000°; N 0.1790,Plg3.0000°,
Azm99.0000°; S -6.6250,Plg31.0000°, Azm191.0000°;
nsta1 refers to body waves, cutoff=40s. nsta2 refers to
surface waves, cutoff=50s. Triangular moment-rate
function

NEIC 16 03:31:42.2,1.4,52:10N;0:05:173:60E;0:09,h31km,4km,
mb5.1/481,ML4.5(AEIC) Error ellipse: s-maj=8.3km
s-min=7.0km az=108.0

ISC 16 03:31:40.9,0.3,51:36N;0:04:173:64E;0:03,h24km,
n1043,a130/942,mb5.1/386,MS4.5/64,53C-35D,Near
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SMY Shemya, SMY Shemya, SMY Shemya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIMD Kanaga Island, KIWB Kanaga Island, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIMD Kanaga Island, KIWB Kanaga Island, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIMD Kanaga Island, KIWB Kanaga Island, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIMD Kanaga Island, KIWB Kanaga Island, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIMD Kanaga Island, KIWB Kanaga Island, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIMD Kanaga Island, KIWB Kanaga Island, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIMD Kanaga Island, KIWB Kanaga Island, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIMD Kanaga Island, KIWB Kanaga Island, ADK Adak, etc.

MA2 Magadan 14.90 310 Pn P 03 35 15.8 +0.6
comp=Z,2.4nm,0.3s,baz=108,slow=12,SNR=5.5
MA2 Magadan 14.90 310 P P 03 40 47.8
MA2 Magadan 14.90 310 P P 03 35 15.3 +0.1
SDPT Sand Point 15.68 67 Pn Pn 03 35 20.1 +0.1
SDPT Iamb Iamb 03 35 42.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SEY 95nm,1.0s, SEY 95nm,1.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CNBA Chirnobura Isl, CNBA Bilibino, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BILL 92nm,1.5s, BILL 92nm,1.5s, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Cathedral Cave, Point Hope, and various array stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NORSAR Array S, NORSAR Array S, and various array stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SNART, ISAL, CPCT, and various array stations.

16d 4h

Table with columns: ILAR, Eielson Array, 80.53 356 P, P, 04 10 30.0 +0.9, etc.

IDC 16:04:02:49.8, 1.4, 34.76N:23.27E, h0km, mb3.8/8, mb1 3.8/14, mb1mx3.6/47, mbtmp3.8/14, ML4, 1/5, Error ellipse: s-maj=24.8km s-min=19.4km az=19.0

ATH 16:04:02:54.2, 34.68N:23.29E, h16km, ML3.2/4, Error ellipse: s-maj=7.8km s-min=2.4km az=178.0

THE 16:04:02:54.5, 34.72N:23.27E, h6km, ML3.0/9, Error ellipse: s-maj=2.0km s-min=1.0km az=55.0

HLW 16:04:02:55.8, 34.79N:23.62E, h25km, ML4.0, MI3.7 NEIC 16:04:02:55.9, 2.3, 34.9N:0.1:23.27E:0.03, h33km, mb4, 1/5, Error ellipse: s-maj=21.8km s-min=2.3km az=129.0

ISC 16:04:02:54.0, 1.2, 34.67N:0.04:23.28E:0.04, h30km, 9km, n75, r159/90, mb4.0/11, Crete

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KNDR, GVD, IMMV, VAM, ANKY, PRNS, etc.

2015 NOV

Table with columns: FINES, FINESS Array B, 26.85 3 P, P, 04 08 30.6 -0.9, etc.

VAO 16:04:55:34.0, 4.0, 18.71S:69.85W, h77km, mb4.6 NEIC 16:04:55:35.1, 1.0, 18.75S:0.05:69.77W:0.07, h78km, 5km, mb4.7/57, ML4.7(ARE), ML4.5(GUC), Error ellipse: s-maj=11.0km s-min=5.6km az=65.0

ARE 16:04:55:35.2, 6.18:36S:0.04:70.14W:0.06, h84km, 4km, Error ellipse: s-maj=9.0km s-min=5.3km az=68.0

IDC 16:04:55:35.7, 0.8, 18.73S:69.64W, h90km, 6km, mb3.8/9, mb1 4.0/13, mb1mx3.8/33, mbtmp4.2/13, MS3.0/2, Ms1 3.0/2, ms1mx2.7/23, Error ellipse: s-maj=19.9km s-min=16.3km az=44.0

GUC 16:04:55:36.3, 0.7, 18.79S:69.94W, h85km, 3km, ML4.6 SJA 16:04:55:38.0, 18.99S:70.09W, h24km, ML4.2

ISC 16:04:55:35.1, 0.5, 18.75S:0.03:69.85W:0.05, h83km, 4km, n195, r136/206, mb4.7/35, 1C-1D, Northern Chile

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like IPBC, IROC, IROC, etc.

966

Main table with columns: AQQB, Aquidauana, 13.44 100 Pn, Pn, 04 58 40.6 -1.8, etc.

16d 7h

s-maj=86.1km s-min=20.0km az=145.0

ISC 16 07:25:30.6,0.8,18.3S,0.1,178.5W,0.2, h500km,n25,

0.89/24,mb4.0/15, Fijil Islands region

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

JMA 16 07:31:10.0,0.2,31.14N,128.80E, h1km,2km, M4.6
JMA Felt II J1
NIED 16 07:31:10.0,0.31,14N,128.80E, h1km, MW4.6, Moment

Tensor Solution: s3 Moment tensor: Scale 10^19Nm
Mw=3.45; Mw2=4.3; Mw3=1.01; Mw3.37; Mw3.47; Mw-3.53;
Fault plane solution: M=8.64000x10^15 Np; N=17;

ISC 16 07:31:16.5,1.1,31.17N,129.06E,0.44, h30km,8gkm,
n190,0.189/183,mb4.7/57,MS4.0/40,11C,Kyushu

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

2015 NOV

Table with columns: NACB, Station Name, Time, Res, ISC. Lists various seismic stations and their recorded data.

970

Table with columns: TLY, Station Name, Time, Res, ISC. Lists various seismic stations and their recorded data.

IDC 16 08:11:02.6:1.4, 8.05S:125.82E:h0km, mb4.0/2, mb1 3.7/5, mb1mx3.4/42, mbtmp3.6/5, ML3.1/2, Error ellipse: s-maj=47.5km s-min=18.4km az=66.0

NEIC 16 08:11:04.0:0.8, 8.08S:0.08E:125.54E:0.07, h10km, 2km, mb4.4/3, Error ellipse: s-maj=13.1km s-min=11.3km az=26.0

ISC 16 08:11:05.8:0.9, 8.21S:0.07E:125.37E:0.08, h26km, n16, r1923/19, mb4.2/4, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SOEI Soe, BATI Baunata, MMRI Maumere, etc.

NEIC 16 08:15:27.9:0.8, 10.22S:0.161E:0.01, h95km, 9km, mb4.1/13, Error ellipse: s-maj=20.0km s-min=11.1km az=222.0

IDC 16 08:15:28.0:2.5, 10.16S:161.27E, h106km, 17km, mb3.5/4, mb1 3.8/5, mb1mx3.3/5, mbtmp3.9/5, Error ellipse: s-maj=29.6km s-min=23.6km az=78.0

ISC 16 08:15:26.1:0.7, 10.22S:0.08E:161.38E:0.09, h85km, n35, r156/31, mb3.9/9, Bougainville-Solomon Islands region

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

IDC 16 08:26:16.8:13.0, 15.23S:165.13E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.5/26, mbtmp3.5/4, ML3.2/1, Error ellipse: s-maj=235.1km s-min=36.1km az=51.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 16 08:40:00.7:62.0, 23.20S:178.36W, h35km, 9km, MD4.2/16, mb1 3.8/3, mb1mx3.6/20, mbtmp3.7/3, Error ellipse: s-maj=1127.0km s-min=159.2km az=87.0, South of Fiji Islands

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

RSPR 16 08:50:11.5, 19.17N:68.20W, h35km, 9km, MD4.2/16, NEIC 16 08:50:11.7:1.6, 19.09N:0.04E:68.12W:0.03, h28km, 9km, Error ellipse: s-maj=6.3km s-min=3.8km az=204.0

OSPL 16 08:50:13.9:2.6, 19.22N:67.70W, h31km, 31km, ML4.1, ISC 16 08:50:09.8:1.3, 19.08N:0.05E:68.09W:0.02, h12km, 9km, n104, r1934/18, 19C:22, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCDR Punta Cana, DR, PCDR Punta Cana, DR, PCDR Punta Cana, DR, etc.

s-min=23.2km az=93.0, NEIC 16 08:59:36.6:0.6, 10.11S:0.09E:78.3E:0.2, h10km, 1km, mb4.5/16, Error ellipse: s-maj=24.3km s-min=15.5km az=258.0

ISC 16 08:59:37.1:0.6, 40.08S:0.09E:78.4E:0.1, h14km, n45, r054/27, mb4.3/15, MS3.7/17, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AIS Amsterdam Isla, RER Riviere de l'E, H01W2 Cape Leeuwin H, etc.

ISC 16 09:12:02.6:9.4, 9.5N:123.24E, h459km, 92km, mb2.9/6, mb1 3.0/6, mb1mx2.8/47, mbtmp3.7/6, Error ellipse: s-maj=71.7km s-min=17.7km az=59.0

ISC 16 09:12:02.2:1.2, 5.0N:0.3E:123.3E:0.5, h450km, n6, r1906/6, mb3.3/6, Mindanao

ISC 16 09:14:45.4:1.3, 49.14N:0.06E:18.88E:0.04, h2km, 17km, n5, r065/10, Czech and Slovak Republics

ISC 16 09:15:48.2:0.8, 36.079N:0.010E:97.58W:0.02, h5km, 7km, Error ellipse: s-maj=1.1km s-min=1.4km az=97.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OK029 Liberty Lake, BCOK Bluff Creek, N, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like B7COK, CROK, CROK, OK031, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like H11N2, H11N1, H11N3, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like PET, GNL, GANAL, etc.

JMA 16 09:16:00.6:0.1, 43:10N:144:05E, h131km, 1km, M3.4
IDC 16 09:16:01.2:1.6, 43:16N:144:09E, h137km, 12km, mb3.3/9,
mb1 3.4/10, mb1mx3.2/41, mbmp3.6/10, Error ellipse:
s-maj=23.3km s-min=17.0km az=111.0

KRSC 16 09:32:19.5:0.9, 53:83N:160:93E, h51km, 19km, M4.4
MOS 16 09:32:20.6:0.6, 53:80N:160:99E, h52km, mb.3/4, Error
ellipse: s-maj=9.1km s-min=4.2km az=72.9

SKR comp=N,369nm,0.7s
SKR comp=N,492nm,0.7s
ASAJK 4.30 224 eP Pn 09 33 25.9 +1.6
ASAJK 15.9 238 P Pn 09 33 56.8 +1.9

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like JOB, JAR, JAK, etc.

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

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like JSD, MJAR, TTA, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like La Serena, Talagante, Uspallata, La Punta, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Araguaiana, Porto dos Gac, BDFB, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Allen Road, Waitematani S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAN12 Harper NE St, BLOK Blackwell, OK209 Liberty Lake, etc.

ISC 16:15:22:56.8:1.9, 16:35S:176:18W, h385km, 24km, mb3.4/4, mb1 3.4/6, mb1mx3.0/35, mbtmp4.1/6, Error ellipse: s-maj=116.0km s-min=30.9km az=157.0

NEIC 16:15:27:31.1.3, 16:45S:0:176:14W:0.07, h387km, 13km, mb4.1/22, Error ellipse: s-maj=22.5km s-min=4.6km az=158.0

ISC 16:15:22:55.0:0.7, 16:45S:0:176:13W:0.09, h364km, n31, @126/29, mb4.0/16, Fiji Islands region

Main table for 16d 15h section, listing station codes, names, and seismic data for various stations like AFI Afiamalu, MSFV Nonsavu, etc.

NOU 16:15:25:50.4, 14:89S:167:41E, h121km, MLV4.6/16, Vanuatu Islands

ISC 16:15:25:52.0:1.1, 15:38S:165:82E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.4/38, mbtmp3.7/4, ML4.3/1, Error ellipse: s-maj=235.5km s-min=37.2km az=56.0

ISC 16:15:25:47.2:2.3, 14:85S:0:2:167:2E:0.2, h57km, n16, @211/16, mb3.5/3, Vanuatu Islands

Continuation of station data table for 16d 15h section, including stations like SANVU Saraoutou, DVP Devils Point, etc.

DDA 16:15:26:06.7, 39:20N:28:64E, h13km, 3km, ML1.2, Turkey

Table for DDA 16:15:26:06.7, listing station codes and seismic data for stations like DEMI Demirci, etc.

ISC 16:15:27:00.5, 41:13N:28:86E, h0km, 2km, ML0.9/5, Suspected Mining explosion, Turkey

Table for ISC 16:15:27:00.5, listing station codes and seismic data for stations like BGKT Bogazkoy, ISK Istanbul-Kandi, etc.

NEIC 16:15:34:41.9:2.0, 14:85S:0:171:7E:0.01, h618km, 9km, mb4.5/30, Error ellipse: s-maj=18.1km s-min=16.2km az=200.0

ISC 16:15:34:42.0:1.4, 14:70S:171:66E, h617km, 18km, mb3.5/10, mb1 3.6/11, mb1mx3.2/36, mbtmp4.5/11, Error ellipse: s-maj=30.4km s-min=16.3km az=163.0

NOU 16:15:34:46.1, 13:15S:172:06E, h316km, mb5.0/6, Vanuatu Islands Region

ISC 16:15:42:54.0:0.6, 14:38S:0:0:9:171.66E:0.08, h628km, n56, @113/56, mb4.4/26, Vanuatu Islands region

Main table for 16d 15h section, listing station codes, names, and seismic data for stations like RTV Rentapao, SANVU Saraoutou, etc.

Main table for 16d 15h section, listing station codes, names, and seismic data for stations like SILT Sile, IZI Iznik, ULUDUT Uludag, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC, h m s, ISC. Includes stations like COPA, TLR, CFR, KKB, VTS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC, h m s, ISC. Includes stations like IDC, GUC, CO05, CO06, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC, h m s, ISC. Includes stations like RAO, RAO, GLKZ, NIUE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC, h m s, ISC. Includes stations like RAO, RAO, GLKZ, NIUE, etc.

Table with columns: ZSN, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DJR, PDGK, ARXS, UZB, etc.

GUC 16:16:32:56.0.0.6.21:29S:68.81W, h16km, 3km, ML3.9
IDC 16:16:32:56.0.0.6.21:29S:68.81W, h12km, 17km, mb3.4/2,
mb1 3.3/5, mb1mx3.2/2, mbtmp3.7/5, MS3.6/1, Ms1 3.6/1,
ms1mx2.8/13, Error ellipse: s-maj=35.3km s-min=19.0km
az=110.0

ISC 16:16:32:56.0.0.6.21:29S:68.81W, h120km, 8km,
n24, c084/40, 12C-4D, Chile-Bolivia border region

Main table listing station details: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like IPOC Station P, Limon Verde, etc.

IDC 16:16:38:56.6.0.9.1:47S:120:51E, h0km, mb3.9/7,
mb1 4.1/10, mb1mx3.8/49, mbtmp4.0/10, ML3.7/3, Error
ellipse: s-maj=45.9km s-min=14.0km az=66.0

DJA 16:16:38:56.6.0.9.1:47S:120:51E, h14km, 9km, M4.4/19,
mb4.5/5, mb5.0/1, MLV4.4/19, MVM5.4/11

NEIC 16:16:38:58.3.2.0.1.63S:0.06:120:22E:0.07, h10km, 1km,
mb4.2/19, Error ellipse: s-maj=12.7km s-min=9.9km
az=99.0

ISC 16:16:38:57.1.2.4.1.58S:0.04:120:15E:0.05, h5km, 16km,
n56, c135/62, mb4.2/16, Sulawesi

Table listing station details for the Sulawesi region: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Tana Toraja, Ampanga, etc.

Table listing station details for the NEIC region: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Muara Tewe, Banjar Baru, etc.

NEIC 16:16:41:07.8.2.4.24:7S:0.2x176:2W:0.2, h40km, 6km,
mb4.2/15, Error ellipse: s-maj=28.6km s-min=16.9km
az=48.0

IDC 16:16:41:21.3.12.0.24:39S:177:01W, h13km, 91km,
mb3.6/4, mb1 3.8/5, mb1mx3.4/44, mbtmp4.0/5, MS3.2/1,
Ms1 3.2/1, ms1mx2.8/37, Error ellipse: s-maj=115.5km
s-min=61.2km az=131.0

ISC 16:16:41:08.6.1.9.24:9S:0.2x176:2W:0.3, h50km, n22,
c133/22, mb4.2/10, South of Fiji Islands

Main table listing station details for the NEIC region: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Nonsavu, DZM, etc.

Table listing station details for the 16d 16h region: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Copia, Fray Jorge, etc.

BO01 Tunca 4.59 169 eP Pn 16 47 09.3 +0.6

BO02 Sierra Bellavi 5.03 167 iP Pn 16 47 15.0 +0.2

BO03 Huila 5.12 178 Pn Pn 16 47 18.6 -1.3

BO04 La Punta 4.20 163 eP Pn 16 47 05.8 +0.9

BO05 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO06 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO07 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO08 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO09 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO10 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO11 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO12 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO13 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO14 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO15 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO16 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO17 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO18 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO19 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO20 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO21 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO22 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO23 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO24 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

BO25 CERRO LA CRUZ 4.54 86 eS Sb 16 48 07.6 -6.4

Table with columns for station name, frequency, power, and other technical details. Includes stations like NIL, LOF, BN51, BMN, BMJ, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like MWC, GSC, GSC, GSC, GSC, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like 109C Camp Elliot, M, 65.41 68 P, P, 16 59 53.2 +0.5.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like NBO00 comp=Z,236nm,1.4s, SMRI Semarang, 67.20 228 P, P, 17 00 04.2 -0.1.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CTAO Charters Tower, 68.38 188 P, P, 17 00 11.3 -0.3.

BURAR	Bucovina Array	74.81 327	P	P	17 00 49.8	-0.4
WMOK	Wichita Mounta	74.82 55	P	Pmax	17 00 49.9	-0.4
WMOK	comp-Z,292nm,1.5s		MLR	MLR		
WMOK	comp-Z,2um,22.0s		MLR	MLR		
WMOK	Wichita Mounta	74.82 55	P	P	17 00 50.5	+0.1
WMOK	baz=319,SNR=68		S	S	17 00 23.8	-0.4
WMOK	baz=319		S	S	17 00 50.3	0.0
WMOK	Wichita Mounta	74.82 55	P	P	17 00 50.5	+0.1
WMOK	Wichita Mounta	74.82 55	P	IAMB	17 00 49.9	-0.4
WMOK	comp-Z,292nm,1.4s		IAMB	IAMB	17 01 04.3	
PGBU	Gleniferbraes	74.83 348	eP	IAMB	17 00 50.3	+0.3
PGBU	comp-Z,471nm,1.0s		IAMB	IAMB	17 00 52.3	
QUOK	Quay	74.86 52	eP	P	17 00 50.0	-0.5
KSP	Ksiaz	74.95 334	eL	L	17 00 50.8	0.0
KSP	comp-Z,6um,20.2s		eL	L	17 00 13.3	
KSP	Ksiaz	74.95 334	P	Pmax	17 00 51.0	+0.2
KSP	comp-Z,172nm,1.2s		Pmax	Pmax		
OK031	S. Brethren Rd	74.95 53	P	IAMS_20	17 00 50.6	-0.5
OK031	OK031		IAMS_20	IAMS_20	17 36 58.6	
NIE	Niedzica	74.96 331	eP	L	17 00 51.6	+0.7
NIE	comp-Z,3um,19.9s		L	L	17 38 40.1	
UZH	Uzhgorod	74.98 329	eP	P	17 00 49.6	-1.4
UZH	comp-Z,3um,19.9s		S	S	17 10 20.3	-5.1
FLTG	Flechtingen	75.00 338	eP	PnS	17 10 01.3	-2.6
FLTG	comp-Z,407nm,1.7s,ba		P	P	17 00 51.2	+0.2
KECS0	Cody Creek RV	75.00 53	P	IAMS_20	17 00 50.9	-0.5
KECS0	OK030		IAMS_20	IAMS_20	17 37 09.9	
CLV	Quilpie	75.01 189	P	P	17 00 51.9	+0.6
CRVS	Cervenica-Dubn	75.02 330	eP	Pmax	17 00 51.6	+0.3
CRVS	comp-Z,494nm,1.9s		Pmax	Pmax		
CRVS	Cervenica-Dubn	75.02 330	eP	P	17 00 51.6	+0.3
OKCFA	Oklahoma City	75.03 53	P	P	17 00 51.5	0.0
OKCFA	OKLAHOMA CITY	75.05 53	P	P	17 00 52.2	+0.5
RAC	Raciborz	75.05 332	eP	LR	17 38 47.9	
RAC	comp-Z,7.0nm,19.1s		LR	LR		
RAC	Raciborz	75.05 332	eP	MLR	17 00 51.9	+0.6
RAC	comp-Z,7um,19.1s		MLR	MLR		
RAC	Raciborz	75.05 332	eP	P	17 00 51.9	+0.6
EKA	Eszkdalemir Ar	75.10 347	eP	P	17 00 51.0	-0.5
JAT4	Summer	75.11 40	eP	P	17 00 51.3	-0.4
ESK	Eszkdalemir	75.12 347	eP	IAMB	17 00 51.4	-0.4
ESK	comp-Z,95nm,0.8s		IAMB	IAMB	17 00 53.7	
ESK	Eszkdalemir	75.12 347	P	Pmax	17 00 51.3	-0.4
ESK	comp-Z,107nm,0.7s		Pmax	Pmax		
ESK	Eszkdalemir	75.12 347	P	IAMB	17 00 51.3	-0.4
ESK	comp-Z,106nm,0.7s		IAMB	IAMB	17 00 53.5	
NRDL	Niedersach Rie	75.13 338	eP	P	17 00 52.4	+0.7
NRDL	comp-Z,306nm,1.7s,ba		P	P	17 00 52.6	+0.3
M44A	Midewin, Midew	75.14 44	P	IAMB	17 00 50.8	-1.2
M44A	comp-Z,262nm,1.2s		IAMB	IAMB	17 01 05.2	
FNO	Franklin	75.18 54	P	P	17 00 52.1	-0.3
TRSU	Trosnyk	75.21 329	P	P	17 00 52.6	+0.3
HDIL	Hopedale	75.21 45	P	P	17 00 52.3	-0.1
HDIL	comp-Z,322		P	P	17 00 51.9	-0.6
HDIL	Hopedale	75.21 45	P	IAMB	17 01 05.9	
HDIL	comp-Z,311nm,1.0s		IAMB	IAMB	17 36 52.1	
HDIL	IAMS_20		IAMS_20	IAMS_20	17 36 52.1	
OSTC	Ostias	75.22 334	eP	AMS	17 00 52.8	+0.4
OSTC	comp-Z,6um,19.0s		AMS	AMS	17 39 50.0	
CHVC	Chvalec	75.24 334	eP	P	17 00 52.9	+0.4
CHVC	comp-Z,5um,19.1s		AMS	AMS	17 39 00.0	
OKC	Ostrava-Krasne	75.28 332	eP	MLR	17 00 53.2	+0.5
OKC	comp-Z,4um,20.0s		MLR	MLR		
OKC	Ostrava-Krasne	75.28 332	AMS	AMS	17 36 50.0	
OKC	comp-Z,4um,20.0s		AMS	AMS		
OKC	Ostrava-Krasne	75.28 332	eP	P	17 00 53.2	+0.5
TRPA	Tarpa	75.32 329	eP	P	17 00 52.8	-0.2
TRPA	comp-Z,4um,20.0s		P	P	17 00 52.8	-0.2
TRPA	Tarpa	75.32 329	eP	P	17 00 53.6	+0.8
ASSE	Asses, Remlinge	75.32 338	eP	P	17 00 53.6	+0.8
ASSE	comp-Z,248nm,1.6s,ba		P	P	17 00 53.5	+0.5
UPC	Udice	75.33 334	eP	S	17 00 53.5	+0.5
UPC	comp-Z,248nm,1.6s,ba		S	S	17 00 25.7	-3.6
UPC	Udice	75.33 334	eP	MLR	17 00 53.5	+0.5
UPC	comp-Z,6um,18.7s		MLR	MLR		
UPC	Udice	75.33 334	eP	P	17 00 53.5	+0.5
UPC	comp-Z,6um,18.7s		P	P	17 10 25.7	-3.6
UPC	Udice	75.33 334	eP	AMS	17 39 00.0	
UPC	comp-Z,6um,18.7s		AMS	AMS		
SNOR	Sinop	75.38 318	P	P	17 00 53.1	-0.1
BMR	Baia Mare	75.38 328	eP	P	17 00 53.6	+0.3
DPC	Dobruska-Polom	75.38 334	eP	P	17 00 53.9	+0.6
DPC	comp-Z,7um,18.3s		P	P	17 00 53.9	+0.6
DPC	Dobruska-Polom	75.38 334	eP	MLR	17 00 53.9	+0.6
DPC	comp-Z,7um,18.3s		MLR	MLR		
DPC	Dobruska-Polom	75.38 334	eP	P	17 00 53.9	+0.6
DPC	comp-Z,7um,18.3s		P	P	17 00 53.9	+0.6
SIRT	Sirmak	75.38 310	P	P	17 00 54.4	+0.8
I49A	Point Hope	75.39 39	P	IAMB	17 00 53.2	-0.3
I49A	comp-Z,342nm,1.2s		IAMB	IAMB	17 01 07.0	
EDMD	Edmundbyers	75.39 346	eP	P	17 00 53.1	-0.1
EDMD	comp-Z,403nm,1.6s		IAMB	IAMB	17 00 54.4	
L46A	Eue Claire	75.44 42	P	P	17 00 53.2	-0.5
L46A	comp-Z,326nm,1.2s		IAMB	IAMB	17 01 07.0	
X34A	Smith Ranch, M	75.44 54	P	P	17 00 53.6	-0.3
X34A	comp-Z,446nm,1.5s		IAMB	IAMB	17 01 08.3	
S39A	Bolivar	75.46 49	P	IAMB	17 00 52.7	-1.3
S39A	comp-Z,203nm,1.4s		IAMB	IAMB	17 01 06.7	
CLL	Collim	75.46 336	eP	P	17 00 53.2	-0.5
CLL	comp-Z,237nm,1.0s		P	P	17 00 53.2	-0.5
CLL	Collim	75.46 336	eP	Pmax	17 00 53.2	-0.5
CLL	comp-Z,237nm,1.0s		Pmax	Pmax		
CLL	Collim	75.46 336	eP	P	17 00 53.0	
CLL	comp-Z,237nm,1.0s,ba		P	P	17 03 46.0	+3.7
CLL	Collim	75.46 336	eP	P	17 05 36.0	
CLL	comp-Z,237nm,1.0s,ba		P	P	17 10 21.0	+9.0
CLL	Collim	75.46 336	eP	S	17 15 36.0	+1.6
CLL	comp-Z,237nm,1.0s,ba		S	S	17 36 00.0	
CLL	Collim	75.46 336	eP	P	17 00 53.8	+0.1
CLL	comp-Z,237nm,1.0s,ba		P	P	17 00 52.9	-0.8
CLL	Collim	75.46 336	eP	IAMB	17 00 55.9	
LANS	Liptovska Anna	75.46 331	eP	Pmax	17 00 55.2	+1.4
LANS	comp-Z,190nm,0.9s		Pmax	Pmax		
LANS	Liptovska Anna	75.46 331	eP	P	17 00 55.2	+1.4
NEWSG	New Galloway	75.46 347	eP	IAMB	17 00 53.9	+0.2
NEWSG	comp-Z,224nm,1.3s		IAMB	IAMB	17 00 56.0	
TLCR	Kraliky	75.47 324	eP	P	17 00 53.9	0.0
KRLC	Kraliky	75.48 333	eP	P	17 00 54.6	+0.7
KRLC	comp-Z,7um,18.9s		MLR	MLR		
KRLC	Kraliky	75.48 333	eP	P	17 00 54.6	+0.7
KRLC	comp-Z,7um,18.9s		P	P	17 00 54.6	+0.7
KRLC	Kraliky	75.48 333	eP	AMS	17 00 54.6	+0.7
KRLC	comp-Z,7um,18.9s		AMS	AMS	17 38 30.0	
MORC	Moravsky Berou	75.52 333	eP	P	17 00 54.5	+0.3
MORC	comp-Z,178nm,1.1s		P	P	17 00 53.5	-0.6
MORC	Moravsky Berou	75.52 333	eP	Pmax	17 00 54.1	0.0
MORC	comp-Z,178nm,1.1s		Pmax	Pmax		
MORC	Moravsky Berou	75.52 333	eP	P	17 00 54.1	0.0

MORC	Moravsky Berou	75.52 333	P	IAMB	17 00 53.5	-0.6
MORC	comp-Z,178nm,1.1s		IAMB	IAMB	17 00 56.9	
R40A	Maddies State	75.53 48	P	IAMB	17 00 53.5	-0.8
R40A	comp-Z,209nm,1.1s		IAMB	IAMB	17 01 07.5	
TUL1	Leonard	75.54 52	P	P	17 00 54.5	0.0
TUL1	comp-Z,390nm,1.4s		P	P	17 00 54.1	-0.3
TUL1	Leonard	75.54 52	P	IAMB	17 01 08.2	
TUL1	comp-Z,3um,22.0s		IAMS_20	IAMS_20	17 34 20.1	
ARCR	ARCALIA	75.57 327	eP	P	17 00 55.0	+0.5
ARCR	Bergsihshubel	75.59 335	eP	P	17 00 54.8	+0.3
ARCR	comp-Z,297nm,1.8s,ba		P	P	17 00 54.8	+0.3
BRG	Bergsihshubel	75.59 335	eP	P	17 01 01.8	-4.4
BRG	comp-Z,61nm,0.8s		P	P	17 00 54.1	-0.4
BRG	Bergsihshubel	75.59 335	eP	Amp	17 00 56.9	
BRG	comp-Z,61nm,0.8s		Amp	Amp	17 01 02.6	+8.1
BRG	Bergsihshubel	75.59 335	eP	P	17 01 04.5	
BRG	comp-Z,31nm,0.8s		Amp	Amp	17 01 04.5	
BRG	Bergsihshubel	75.59 335	eP	P	17 37 07.0	
BRG	comp-Z,2m,19.6s		P	P	17 00 32.0	-0.2
BRG	Bergsihshubel	75.59 335	eP	S	17 37 07.0	
BRG	Bergsihshubel	75.59 335	eP	Amp	17 37 07.0	
BRG	comp-E,2.1nm,22.1s		Amp	Amp	17 37 07.0	
BRG	Bergsihshubel	75.59 335	eP	Amp	17 37 07.0	
BRG	comp-Z,3.3nm,20.5s		Amp	Amp	17 37 07.0	
SCHL	Schela	75.60 324	eP	P	17 00 54.5	-0.1
GDLE	Glaidsale, N Y	75.60 345	eP	P	17 00 55.9	+1.5
GDLE	comp-Z,159nm,0.9s		IAMB	IAMB	17 00 56.5	
DIKM	Dikmen	75.60 317	eP	P	17 00 55.8	+1.1
MBWA	Marble Bar	75.71 213	eP	P	17 00 56.1	+0.7
KECVO	Kecovo	75.71 330	eP	P	17 00 55.7	+0.5
KECS	comp-Z,52nm,1.2s		Pmax	Pmax		
KECS	Kecovo	75.71 330	eP	P	17 00 55.7	+0.5
FBE	Freiberg	75.71 336	eP	P	17 00 55.8	+0.6
FBE	comp-Z,405nm,1.6s,ba		P	P	17 00 55.8	+0.6
VRI	Vrincioiaia	75.72 325	eP	P	17 00 55.0	-0.3
VRI	comp-Z,2.1nm,22.1s		P	P	17 00 55.0	-0.3
VRI	Vrincioiaia	75.72 325	eP			

999

Q51A	Peebles	79.17	42	P	P	17 01 14.3	-0.5
Q51A	comp-Z,247nm,1.3s						17 01 28.4
CCAR	Cane Creek	79.17	51	P	P	17 01 14.7	-0.1
KBA	Koelnbreinsper	79.19	334	P	P	17 01 15.5	+0.6
	comp-Z,375nm,0.9s,SNR=198						
LOBO	Labor	79.19	32	P	P	17 01 14.4	-0.3
P52A	Corning	79.21	41	P	P	17 01 14.3	-0.6
	baz=326,SNR=8.3						
P52A	Corning	79.21	41	P	P	17 11 10.0	-1.8
P52A	comp-Z,191nm,1.4s						17 37 10.7
P52A	comp-Z,3um,22.0s						
UMZA	Um Al Zommoool	79.23	292	P	P	17 01 15.6	+0.3
MZWR	Madinat Zayed	79.24	293	P	P	17 01 15.4	+0.1
833A	Chaparral WMA	79.29	59	P	P	17 01 16.2	+0.6
	baz=319,SNR=7.5						
833A	comp-Z,191nm,1.4s						17 37 10.7
KHOR	Al-Khor Airpor	79.30	296	P	P	17 01 16.2	+0.6
H06E1	SOCORRO T-PHAS	79.30	74	T	T	18 23 36.6	
H06S1	SOCORRO T	79.31	74	P	P	17 01 17.5	+1.7
	SNR=3.9						
H06S1	comp-Z,191nm,1.4s						17 37 10.7
NATX	Nacogdoches	79.32	54	P	P	17 01 16.4	+0.7
NATX	comp-Z,3um,22.0s						
NATX	Nacogdoches	79.32	54	P	P	17 01 15.9	+0.3
NATX	comp-Z,2um,20.0s						17 40 13.4
R50A	Paris	79.33	43	P	P	17 01 14.8	-0.8
H62A	Milan	79.33	31	P	P	17 01 15.6	+0.1
H62A	comp-Z,235nm,1.1s						17 01 30.1
OBKA	comp-Z,235nm,1.1s						17 01 30.1
OBir	comp-Z,89nm,0.8s,SNR=44						17 01 15.3
BLJ	Bijeljina	79.35	329	P	P	17 01 15.1	-0.5
LBNH	Lisbon	79.36	32	P	P	17 01 15.4	-0.3
LBNH	comp-Z,125nm,1.3s						17 01 15.4
LBNH	comp-Z,2um,21.0s						17 01 15.1
LBNH	Lisbon	79.36	32	P	P	17 01 15.1	-0.6
LBNH	comp-Z,2um,21.0s						17 38 03.9
LBNH	Lisbon	79.36	32	P	P	17 01 15.4	-0.3
PKME	Peaks-Kenny Pk	79.36	30	P	P	17 01 16.0	+0.4
PKME	comp-Z,3um,22.0s						
PKME	Peaks-Kenny Pk	79.36	30	P	P	17 01 15.2	-0.4
PKME	comp-Z,2um,20.0s						17 39 02.9
WVT	Waverly	79.41	47	P	P	17 01 15.6	-0.5
WVT	comp-Z,125nm,1.2s						17 01 15.6
WVT	comp-Z,3um,21.0s						17 01 16.2
WVT	Waverly	79.41	47	P	P	17 01 16.2	+0.1
WVT	comp-Z,3um,21.0s						17 01 16.2
WVT	Waverly	79.41	47	P	P	17 01 15.6	-0.5
WVT	comp-Z,3um,21.0s						17 38 18.4
BFO	Black Forest	79.41	338	P	P	17 01 15.5	-0.4
BFO	comp-Z,142nm,1.0s						17 01 15.5
BFO	comp-Z,3um,22.0s						17 01 16.5
BFO	Black Forest	79.41	338	P	P	17 01 15.5	-0.4
BFO	comp-Z,558nm,1.9s,ba=24,slo=5.7						17 01 15.5
BFO	Black Forest	79.41	338	P	P	17 01 15.5	-0.4
BFO	comp-Z,142nm,1.0s						17 38 12.7
PTJ	Puntijarka	79.44	332	P	P	17 01 15.7	-0.5
MOSL	Moslavina	79.45	331	P	P	17 01 14.8	-1.4
SHMA	Al-Shehemia	79.45	297	P	P	17 01 16.9	+0.5
WATA	Walderalm	79.46	335	P	P	17 01 16.9	+0.6
ACCN	Adriaticack Com	79.47	33	P	P	17 01 15.6	-0.7
BOVS	Bovan	79.49	327	P	P	17 01 15.0	-1.4
LHL	Lord Howe Isla	79.50	176	P	P	17 01 16.0	-0.2
HTL	Hartland	79.50	347	P	P	17 01 15.9	-0.4
HTL	comp-Z,146nm,0.8s						17 01 18.8
MYKA	Terra Mystica	79.50	334	P	P	17 01 16.3	-0.2
ZAG	Zagreb	79.51	332	P	P	17 01 16.2	-0.2
ZAG	comp-Z,136nm,0.8s,SNR=72						17 01 16.2
WTTA	Waltenberg	79.51	335	P	P	17 01 17.4	+0.7
	comp-Z,776nm,1.4s,SNR=196						
O54A	Avela	79.52	39	P	P	17 01 15.8	-0.8
O54A	comp-Z,373nm,1.5s						17 01 30.4
W45A	Hickory Valley	79.52	48	P	P	17 01 16.1	-0.6
W45A	comp-Z,307nm,1.1s						17 01 30.6
RETA	Reutte	79.55	336	P	P	17 01 17.1	+0.3
UBR	Ueberruh	79.55	336	P	P	17 01 17.5	+0.8
	comp-Z,439nm,1.8s,ba=24,slo=5.7						
MOTA	Moosalm	79.58	336	P	P	17 01 17.5	+0.5
	comp-Z,454nm,1.0s,SNR=132						
CDF	Champ du Feu	79.60	338	P	P	17 01 16.4	-0.6
CDF	comp-Z,412nm,1.4s						17 01 16.3
BINY	Binghamton	79.61	36	P	P	17 01 16.2	-0.8
BINY	comp-Z,3um,22.0s						17 38 24.8
BINY	Binghamton	79.61	36	P	P	17 01 16.2	-0.8
BINY	comp-Z,3um,22.0s						17 38 24.8
LCKR	Leigh Creek	79.64	194	P	P	17 01 17.9	+0.8
P53A	Whipple	79.66	41	P	P	17 01 16.5	-0.8
P53A	comp-Z,204nm,1.4s						17 01 30.9
SQTA	Sankt Quirin	79.67	335	P	P	17 01 18.1	+0.7
	comp-Z,538nm,1.3s,SNR=120						
CRES	Creslin	79.67	332	P	P	17 01 16.9	-0.5
HNH	Hanover	79.69	32	P	P	17 01 17.0	+0.1
DIVS	Divibare	79.70	328	P	P	17 01 16.8	-0.8
DIVS	comp-Z,2um,22.0s						17 01 16.8
DIVS	Divibare	79.70	328	P	P	17 01 16.8	-0.8
DIVS	comp-Z,2um,22.0s						17 01 20.1
Q52A	Bidwell	79.70	41	P	P	17 01 16.6	-1.0
Q52A	comp-Z,269nm,1.4s						17 01 31.0
GHWR	comp-Z,269nm,1.4s						17 01 18.0
ABTA	Abfaltersbach	79.73	334	P	P	17 01 17.5	+0.1
	comp-Z,176nm,1.3s,SNR=57						17 01 17.5
LJU	Ljubljana	79.77	333	P	P	17 01 17.2	-0.6
ZOUJ	Zoutplan	79.77	334	P	P	17 01 16.7	-1.3
CMSA	Cobar Meteorol	79.78	168	P	P	17 01 18.7	+0.9
735A	Kenedy	79.79	58	P	P	17 01 18.8	+0.5
735A	comp-Z,369nm,1.2s						17 01 34.4
VTS	Vitosh	79.80	326	P	P	17 01 18.0	-0.3
VTS	comp-Z,257nm,0.9s						17 01 18.0
VTS	Vitosh	79.80	326	P	P	17 01 18.0	-0.3
VTS	comp-Z,257nm,0.9s						17 01 20.9
ECH	Echery	79.81	338	P	P	17 01 17.8	-0.3
ECH	comp-Z,254nm,1.1s						17 01 17.8
ECH	comp-Z,5um,22.0s						17 01 17.8
ECH	Echery	79.81	338	P	P	17 01 17.8	-0.3
ECH	comp-Z,254nm,1.1s						17 01 20.7
WVL	Waterville	79.86	30	P	P	17 01 18.1	-0.2
WVL	comp-Z,254nm,1.1s						17 43 01.0
OZLJ	Ozalj	79.86	332	P	P	17 01 17.4	-0.9
EDC	Edinac	79.88	321	P	P	17 01 18.8	+0.2
M57A	Sunshine Farm	79.89	37	P	P	17 01 17.9	-0.7
M57A	comp-Z,172nm,1.2s						17 01 32.0

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J61A	Chester	79.91	33	P	P	17 01 18.2	-0.4
MRAK	Mrakovica	79.94	331	P	P	17 01 18.0	-0.9
DAVA	Damulus	79.97	33	P	P	17 01 19.5	+0.4
	comp-Z,283nm,1.1s,SNR=62						
VOJS	Vojsko	79.97	33	P	P	17 01 17.9	-1.2
L59A	Walton	79.98	35	P	P	17 01 18.4	-0.7
L59A	comp-Z,271nm,1.3s						17 01 32.3
G65A	Princeton	79.98	29	P	P	17 01 19.0	0.0
FETA	Fichten	79.99	336	P	P	17 01 19.9	+0.6
	comp-Z,294nm,1.3s,SNR=77						
I63A	Otisfield	79.99	31	P	P	17 01 19.1	+0.1
I63A	comp-Z,242nm,1.2s						17 01 33.4
BOYS	Bojanci	80.03	332	P	P	17 01 19.0	-0.3
TRY	Troy	80.03	34	P	P	17 01 19.2	-0.1
TRY	comp-Z,2um,20.0s						17 39 27.9
A251A	Rujevac	80.04	331	P	P	17 01 19.2	-0.2
HKT	Hockley	80.07	56	P	P	17 01 19.2	-0.4
HKT	comp-Z,51nm,1.5s						17 01 19.2
HKT	comp-Z,2um,20.0s						17 01 19.2
HKT	Hockley	80.07	56	P	P	17 01 19.2	-0.4
HKT	comp-Z,2um,20.0s						17 41 39.1
CEY	Cerknica	80.07	333	P	P	17 01 18.6	-0.9
HAPS	Han Pjiesak,BI	80.07	329	P	P	17 01 19.6	-0.1
ELV	Elv Laka	80.08	331	P	P	17 01 18.7	-0.8
U49A	Red Boiling Sp	80.09	45	P	P	17 01 19.3	-0.5
U49A	comp-Z,182nm,1.3s						17 01 33.5
STAL	STALIGIAL	80.11	334	P	P	17 01 18.3	-1.4
T50A	Nancy	80.12	44	P	P	17 01 19.1	+0.8
T50A	comp-Z,211nm,1.2s						17 01 33.7
TRNA	Turayna	80.14	296	P	P	17 01 20.1	-0.1
RDO	Rodopi	80.16	323	P	P	17 01 19.6	-0.4
CLTN	Cedars of Leba	80.17	46	P	P	17 01 19.7	-0.4
CLTN	comp-Z,163nm,1.1s						17 01 34.1
ALN	Alexandroupoli	80.17	323	P	P	17 01 19.6	-0.5
ALN	Alexandroupoli	80.17	323	P	P	17 01 19.6	-0.5
ALN	comp-Z,242nm,1.1s						17 01 22.4
ALN	Alexandroupoli	80.17	323	P	P	17 01 19.6	-0.5
ALN	comp-Z,242nm,1.1s						17 01 22.4
SSPA	Standing Stone	80.17	38	P	P	17	

16d 16h

U54A	comp-Z,194nm,0.8s	Nelsons Funny	81.92	43	P	P	17 01 28.6	-0.9
U54A	comp-Z,197nm,1.4s	Blount Mountain	81.92	47	P	P	17 01 28.9	-0.7
Y49A	comp-Z,159nm,1.2s	Paliouri	81.94	324	P	P	17 01 28.5	-1.0
LEF		Lefka	81.97	315	P	P	17 01 29.6	-0.1
BLA		Blacksburg	81.97	41	P	P	17 01 29.1	-0.7
BLA	comp-Z,202nm,1.5s				MLR	MLR		
BLA	comp-Z,2um,22.0s	Blacksburg	81.97	41	P	P	17 01 29.7	-0.1
BLA	comp-Z,202nm,1.4s	Blacksburg	81.97	41	P	P	17 01 29.1	-0.7
BLA	comp-Z,2um,22.0s				IAMs_20	IAMs_20	17 38 34.7	
ELL		Elmali	82.00	318	P	P	17 01 29.4	-0.7
ELL	comp-Z,431nm,0.8s				P	P	17 01 29.4	-0.7
ELL		Elmali	82.00	318	P	P	17 01 29.4	-0.7
OHR		Ohrid	82.01	326	P	P	17 01 29.0	-0.9
SHBL		Chebba	82.02	332	eP	P	17 01 30.3	+0.1
REMY		Saint-Rhmy-en	82.02	338	P	P	17 01 30.1	+0.7
AVF		Avril sur Loir	82.05	340	eP	P	17 01 29.5	-0.5
FNA	comp-Z,330nm,1.2s	Florina	82.08	326	P	P	17 01 28.8	-1.6
FNA		Florina	82.08	326	P	P	17 01 29.3	-1.1
FNA	comp-Z,110nm,0.8s	Florina	82.08	326	P	P	17 01 29.2	-1.1
FNA	comp-Z,110nm,0.8s	Florina	82.08	326	P	P	17 01 30.7	+0.5
FORT		Forrest	82.10	203	P	P	17 01 31.0	+0.8
FORT		Forrest	82.10	203	P	P	17 01 30.1	-0.4
X51A		Calhoun	82.11	46	IAMB	IAMB	17 01 44.3	
X51A	comp-Z,261nm,1.4s	Murphy	82.12	45	P	P	17 01 30.1	-0.5
W52A	comp-Z,170nm,1.4s	Championer	82.15	40	P	P	17 01 31.3	+0.5
CIRO		Dark Hollow, R	82.15	40	P	P	17 01 29.8	-0.8
S57A		Tirane	82.15	327	P	P	17 01 29.9	-0.7
TIR		Tirane	82.15	327	P	P	17 01 29.8	-0.7
TIR		Tirane	82.15	327	P	P	17 01 29.9	-0.7
TIR	comp-Z,244nm,0.8s	Tirane	82.15	327	P	P	17 01 29.9	-0.7
TIR		Saludrig	82.16	44	P	P	17 01 30.4	-0.4
PR3A		PARMA	82.17	335	P	P	17 01 30.3	-0.3
PRMA	comp-Z,316nm,1.1s	Quistinic	82.27	345	eP	P	17 01 30.6	-0.5
QUIF	comp-Z,299nm,1.4s	Whyalla	82.27	194	P	P	17 01 32.0	+1.0
WHY		Chios island	82.29	322	P	P	17 01 30.3	-1.2
CHOS		Buckleboo	82.32	195	P	P	17 01 31.2	0.0
BBOO	comp-Z,205nm,1.2s	Young	82.32	195	P	P	17 01 31.5	+0.2
BBOO		Young	82.33	185	P	P	17 01 33.2	+1.9
YNG		Kozani	82.35	325	P	P	17 01 30.0	-1.8
KZN		Zocca	82.36	334	P	P	17 01 32.4	+0.7
ZCCA		Big Creek Wild	82.36	51	P	P	17 01 31.6	-0.2
346A	comp-Z,350nm,1.3s	Papeete	82.36	127	P	P	17 01 34.0	+2.1
PPT	comp-Z,81nm,1.1s,baz=32,slow=7.3,SNR=6.5	Jabal al Asfar	82.38	312	P	P	17 01 32.4	+0.3
ASF	comp-Z,3um,21.3s,baz=31.2,slow=30	Papeete2	82.38	127	eP	P	17 01 32.8	+0.8
PPT2	comp-Z,126nm,1.0s	Papeete2	82.38	127	eP	P	17 01 32.8	+0.8
PPT2	comp-Z,83nm,1.2s	Papeete2	82.38	127	eS	S	17 11 43.9	-1.3
PPT2	comp-Z,5um,30.8s	Papeete2	82.38	127	eLR	LR	17 27 16.2	
PPT2	comp-Z,6um,23.2s,baz=324	Papeete2	82.38	127	eT	T	18 31 50.0	
PPT2	comp-Z,33nm,0.2s	Pamatat, Papee	82.39	127	P	P	17 01 30.9	-1.2
PPTF		Verkesik	82.39	319	P	P	17 01 31.8	-0.2
YER		Shalim	82.40	288	iP	P	17 01 32.4	+0.1
SHAO	SNR=29	Shalim	82.40	288	P	P	17 01 32.7	+0.4
SHAO	SNR=5.3	La Plagne	82.43	338	eP	P	17 01 31.9	-0.4
LPL	comp-Z,252nm,0.9s	Mineral	82.43	39	P	P	17 01 31.4	-0.7
R58B		Paea	82.44	127	eP	P	17 01 32.8	+0.6
PAE	comp-Z,20nm,1.2s	Paea	82.44	127	eT	T	18 31 53.4	
PAE	comp-Z,11nm,0.3s	Corbin Frederi	82.44	39	P	P	17 01 32.4	+0.3
CBN	comp-Z,2um,20.0s	Corbin Frederi	82.44	39	IAMs_20	IAMs_20	17 40 21.0	
CBN	comp-Z,2um,20.0s	Korca	82.44	326	P	P	17 01 31.0	-1.3
KBN		Korca	82.44	326	P	P	17 01 31.2	-1.1
KBN	comp-Z,120nm,0.8s	Korca	82.44	326	P	P	17 01 31.2	-1.1
KBN	comp-Z,120nm,0.8s	La Plagne	82.44	338	eP	P	17 01 32.1	-0.4
LPG	comp-Z,347nm,1.0s	Hallett	82.45	193	P	P	17 01 32.8	+0.8
HTT		Mount Meron Ar	82.45	312	P	P	17 01 33.1	+0.6
MMAI	baz=34,slow=5.9	Fethiye	82.46	319	P	P	17 01 31.0	-1.3
FETY		Tiarei	82.48	127	eP	P	17 01 33.0	+0.5
TIAR	comp-Z,15nm,0.9s	Tiarei	82.48	127	eT	T	18 31 56.8	
TIAR	comp-Z,12nm,0.3s	Nestor	82.53	326	P	P	17 01 31.5	-1.2
NEST		Kastellorizon	82.64	318	P	P	17 01 32.3	-0.9
KSL		Hurt	82.66	41	P	P	17 01 32.0	-1.3
TS7A		J. Sargeant Re	82.66	39	P	P	17 01 32.9	-0.5
JSRW		Lake Jocassee	82.67	44	IAMB	IAMB	17 01 47.6	
BG3	comp-Z,260nm,1.3s	Pentalofo	82.68	326	P	P	17 01 32.5	-1.1
PENT		Villacollemand	82.70	335	P	P	17 01 33.0	-0.4
VLC	comp-Z,399nm,1.5s	Milford	82.70	37	P	P	17 01 33.4	-0.1
Q61A	comp-Z,167nm,1.4s	King	82.70	42	P	P	17 01 33.1	-0.5
U56A	comp-Z,167nm,1.4s	Taylorville	82.72	42	eP	P	17 01 33.1	-0.7
V55A		Touls Ste Croi	82.77	341	eP	P	17 01 33.6	-0.2
TFCF	comp-Z,150nm,0.9s	Maissana	82.80	335	P	P	17 01 33.1	-1.0
MSSA	comp-Z,177nm,1.1s	Kipourio	82.81	325	P	P	17 01 32.5	-1.7
KPRO		Bardonecchia	82.88	338	P	P	17 01 34.9	+0.3
BNI	comp-Z,119nm,0.9s	Bardonecchia	82.88	338	P	P	17 01 34.9	+0.3
BNI	comp-Z,4um,22.0s	Bardonecchia	82.88	338	P	P	17 01 34.9	+0.3
BNI	comp-Z,4um,22.0s	Bardonecchia	82.88	338	P	P	17 01 34.9	+0.3
BNI	comp-Z,119nm,0.9s	Bardonecchia	82.88	338	P	P	17 01 34.9	+0.3
KYMI	comp-Z,119nm,0.9s	Kymi, Euboea I	82.88	333	P	P	17 01 33.3	-1.2
MURB		Monte Urbino	82.89	333	P	P	17 01 34.4	-0.1
MURB	comp-Z,193nm,0.8s	Klokotos Trika	82.90	325	P	P	17 01 32.2	-2.3
THL		Doka	82.91	290	P	P	17 01 35.2	+0.3
DOK	SNR=57	Leskovik	82.93	326	P	P	17 01 34.3	-0.5
LSK		Franklin	82.97	47	P	P	17 01 34.1	-0.9
Z51A		Franklin	82.97	47	IAMB	IAMB	17 01 36.5	

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OSSC	comp-Z,262nm,1.3s	Observatorio P	83.03	334	P	P	17 01 34.1	-1.1
OSSC	comp-Z,170nm,1.1s	Liburn	83.06	46	P	P	17 01 34.7	-0.8
Y52A	comp-Z,146nm,1.2s	DMTO	83.06	289	P	P	17 01 35.8	+0.1
DMTO	SNR=19	NRCIA	83.10	332	P	P	17 01 35.5	-0.1
NRCIA		MBDF	83.16	337	eP	P	17 01 35.6	-0.4
MBDF	comp-Z,117nm,0.9s	Oris-en-Rattie	83.21	338	eP	P	17 01 35.7	-0.5
ORIF	comp-Z,390nm,1.2s	San Giovanni R	83.22	330	P	P	17 01 35.1	-1.2
SGRT		Agios Georgios	83.25	334	P	P	17 01 33.8	-2.6
AGG		Agios Georgios	83.25	324	P	P	17 01 34.1	-2.3
AGG	comp-Z,63nm,1.1s	Agios Georgios	83.25	324	P	P	17 01 34.1	-2.3
AGG		Karystos	83.25	324	P	P	17 01 34.1	-2.3
KARY		Atalanti	83.26	324	P	P	17 01 34.3	-2.1
ATAL	comp-Z,326nm,20.0s	Kings Mountain	83.26	43	P	P	17 01 35.5	-0.1
KMSC		Kings Mountain	83.28	43	P	P	17 01 35.7	-0.9
CNB	comp-Z,189nm,1.4s	Canberra Magne	83.29	184	P	P	17 01 38.3	+2.0
CAN		Canberra	83.31	184	P	P	17 01 36.0	-0.4
CAN	comp-Z,71nm,1.1s	Canberra	83.31	184	P	P	17 01 36.0	-0.4
CAN	comp-Z,2um,20.0s	Canberra	83.31	184	P	P	17 01 36.0	-0.4
CAN	comp-Z,2um,20.0s	Canberra	83.31	184	P	P	17 01 38.1	+1.7
PAULI		Fauline	83.32	43	P	P	17 01 36.0	-0.8
T59A		Double "B" Far	83.41	39	P	P	17 01 36.5	-0.7
MEH		Mehetia	83.43	126	eP	P	17 01 37.9	+0.5
MEH	comp-Z,31nm,1.1s	Mehetia	83.43	126	eT	T	18 33 07.6	
AQU	comp-Z,44nm,0.3s	L'Aquila	83.44	332	P	P	17 01 36.4	-1.0
AQU	comp-Z,125nm,0.8s	L'Aquila	83.44	332	iP	P	17 01 37.4	0.0
AQU		L'Aquila	83.44	332	P	P	17 01 36.4	-1.0
VIVF	comp-Z,125nm,0.8s	Saint-Julien-I	83.56	339	eP	P	17 01 38.0	+0.1
HODGE	comp-Z,572nm,1.5s	Hodges	83.61	44	P	P	17 01 37.5	-0.8
HODGE	comp-Z,185nm,1.3s	Surry	83.61	39	P	P	17 01 37.4	-0.8
WHFO	comp-Z,165nm,1.2s	Wadi Hawf	83.65	290	P	P	17 01 38.9	+0.1
RBK	SNR=21	Rabkut	83.69	289	P	P	17 01 39.0	0.0
GOGA	SNR=22	Godfrey	83.71	45	P	P	17 01 36.9	-1.9
GOGA	comp-Z,79nm,1.3s	Godfrey	83.71	45	P	P	17 01 39.0	+0.2
GOGA	comp-Z,3um,20.0s	Godfrey	83.71	45	P	P	17 01 39.0	+0.2
GOGA	baz=326,SNR=17	Godfrey	83.71	45	P	P	17 01 36.9	-1.9
GOGA	comp-Z,3um,20.0s	Godfrey	83.71	45	IAMs_20	IAMs_20	17 42 48.2	
V58A		Windy Hill, Pi	83.73	41	P	P	17 01 38.2	-0.7
GHAJ	comp-Z,270nm,1.4s	Ghor Haditha	83.75	311	P	P	17 01 38.5	-0.6
BRAL	comp-Z,247nm,1.1s	Brewton	83.77	49	P	P	17 01 40.2	+1.1
BRAL	comp-Z,2um,19.0s	Brewton	83.77	49	IAMs_20	IAMs_20	17 44 38.1	
SCTE	comp-Z,158nm,0.7s	Santa Cesarea	83.78	32				

Table with columns: Country, Station Name, Frequency, Mode, and other technical details. Includes stations like KRSH, IQOM, JTVL, IDAH, IKOO, etc.

Table with columns: Country, Station Name, Frequency, Mode, and other technical details. Includes stations like KURBB, KURBB, KURKB, KURKB, etc.

Table with columns: Country, Station Name, Frequency, Mode, and other technical details. Includes stations like YLV, KCTX, CTYL, IGD, HRT, etc.

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

IDC 16 19:54:26.5,0.9,15.15N,120.14E, h0km, mb3.7/7, mb1 3.9/7, mb1mx3.5/43, mbtmp3.7/7, MS3.0/2, Ms1 3.0/2, ms1mx2.6/41, Error ellipse: s-maj=40.1km s-min=18.9km az=66.0

ISC 16 19:54:32.1,1.0,14.93N,01.1194E,0.1,h35km,n12, r138/10,mb4.0/6,1C-2D,Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PGP Puerto Galera, LOP Lukban, SIPP Brgy, Tapao, etc.

DJA 16 19:57:49.9,0.8,15.5S,13.6E, h24km,gkm, M3.9/7, mb4.8/1, mb5.8/1, MLV3.5/7, Mw(mb)5.4/1, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BAKI Biak, SRPI Serui, Papua, SMP1 Sarmi, etc.

IDC 16 20:04:52.8,1.2,0.94N,127.26E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/36, mbtmp3.6/5, Error ellipse: s-maj=59.6km s-min=20.6km az=63.0

DJA 16 20:04:54.8,0.2,1.1N,2.12E, h10km, M3.7/12, mb4.2/5, mb5.7/1, MLV3.5/12, Mw(mb)5.2/1

ISC 16 20:04:54.9,1.0,1.02N,0.06E,127.46E,0.07,h10km,n16, r146/20,mb3.7/4,Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNT1 Ternate, LBU1 Labuha, SAN1 Sanana, etc.

DNK 16 20:08:30.8,1.5,78.70N,5.13E, h32km,17km, ML2.2 BER 16 20:08:30.0,1.8,78.82N,5.05E, h10km, ML2.4

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

Table with columns: NOR Nord, Time, Res. Includes stations like NOR Nord, HOPEN Hopen, HOPEN Hopen, etc.

KRSC 16 20:12:49.1,1.4,48.25N,156.50E, h7km,n29km, ML4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, KDR Khodutka, etc.

IDC 16 20:32:48.2,10.0,17.96N,108.45W, h0km, mb3.3/3, mb1 3.9/4, mb1mx3.8/25, mbtmp3.5/4, ML3.5/1, MS3.0/1, Ms1 3.0/1, ms1mx2.8/12, Error ellipse: s-maj=170.4km s-min=77.7km az=150.0, Revilla Gigedo Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, NVAR Mina Array Bay, PDAR Piedrales Array, etc.

FLUNV 16 20:48:38.6,8.48N,71.41W, h5km, MW3.1

ISC 16 20:48:38.2,1.2,8.52N,0.02E,71.39W,0.02, h9km,gkm, n40, r125/70,1C,Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARS Barichiquera, SIQV Siquiquera, SMLC San Martin de, etc.

SJA 16 20:52:12.3,0.6,30.03S,72.96W, h44km,gkm, ML5.0, MW5.3
IDC 16 20:52:18.6,0.6,30.35S,71.98W, h0km, mb4.5/11, mb1 4.5/16, mb1mx4.4/30, mbtmp4.4/16, ML4.2/5, MS3.8/17, Ms1 3.8/17, ms1mx3.7/32, Error ellipse: s-maj=24.6km s-min=14.7km az=98.0

NEIC 16 20:52:19.7,2.2,30.29S,0.05E,72.0W,0.1, h8km,gkm, mb5.0/84, Mw4.6/34, ML4.6(GUC), Error ellipse: s-maj=13.2km s-min=6.9km az=102.0

NEIC 16 20:52:20.6,30.28S,72.07W, h14km, Moment Tensor Solution, Moment tensor: Scale 1016N; Mo 9.1; Mw 0.11; Ms 1.02; Mo 0.30; Mw -0.15; Ms -0.40; Fault plane solution: Mo1: N1000E1016; NP2: 265000E; 83825000E; 121.76000E. Principal axes: T 1.0966, Plg68.0000E, Azm32.0000E, N 0.0089, Plg179.0000E, Azm181.0000E; P -1.1055, Plg11.0000E, Azm274.0000E

VAO 16 20:52:21.6,0.7,30.41S,72.09W, h27km,5km, ML4.7
ISC 16 20:52:19.3,1.1,30.33S,0.03E,72.25W,0.04, h12km,gkm, n274,r168/280,mb5.0/49,MS4.0/15,1C-1D, off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, CO06 La Serena, etc.

16d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CPUP, CPUP, CPUP, LPAZ, LPAZ, LPAZ, etc.

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

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

WEL 16 20:57:10.0, 0.8, 40'S, 147°4'E, h181km, 2/25, ML3.7/1.1, MLV3.2/25, Error ellipse: s-maj=0.0km

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

IDC 16 20:57:47.3, 8.0, 7.81S, 128.08E, h181km, 8gkm, mb2.8/2, mb1 3.2/4, mb1mx2.9/3.1, mbtmp3.6/4, MS3.2/1, Ms1 3.1/1, ms1mx2.6/3, Error ellipse: s-maj=189.5km

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

IDC 16 21:06:39.7, 1.5, 44°7'N, 172°8'E, h0km, mb3.3/1, mb1 3.7/6, mb1mx3.4/5.2, mbtmp3.5/6, ML4.0/5, Error ellipse: s-maj=38.4km s-min=13.7km az=134.0, BGR 16 21:06:40.8, 0.6, 44°7'N, 172°8'E, h10km, ML3.4/10, Error ellipse: s-maj=7.8km s-min=6.7km az=56.0, STR 16 21:06:41.6, 0.3, 45°1'N, 172°8'E, h14km, 1km, mb3.1/1, MLV3.4/12, preliminary

16d 21h

TRBF	Trabuc cave	2.76 257	Pn	Pn	21 07 25.6 +1.4
SULZ	Cheisacher	2.76 6	Pn	Pn	21 07 25.9 +1.6
SULZ	Cheisacher	2.76 6	Sn	Pn	21 07 58.2 +1.0
SULZ	Cheisacher	2.76 6	eSn	Pn	21 07 25.0 +1.5
SULZ	Cheisacher	2.76 6	eSn	Pn	21 07 25.9 +1.0
WILA	Wila	2.77 17	ePn	Pn	21 07 26.7 +2.3
WILA	Wila	2.77 17	eSn	Pn	21 07 59.6 +2.2
LASF	Ste Croix	2.84 257	ePn	Pn	21 07 26.5 +1.2
LASF	Ste Croix	2.84 257	eP	Pb	21 07 29.8 -1.2
LASF	Ste Croix	2.84 257	ePn	Pg	21 07 35.3 0.0
LASF	Ste Croix	2.84 257	eSn	Pn	21 07 57.9 -1.1
LASF	comp=E,54nm,0.2s				
LASF	comp=E,24nm,0.3s		eSg	Sg	21 08 11.8 -0.3
TEOL	Teolo	2.88 77	P	Pn	21 07 26.0 +0.1
TEOL	comp=E,411µm,0.6s		AML	AML	
TEOL	comp=N,316µm,1.3s		AML	AML	
SMPL	Sampolo	2.93 156	Pn	Pn	21 07 27.3 +0.7
SMPL	Sampolo	2.93 156	Sn	Pn	21 07 59.5 -1.8
SMPL	Sampolo	2.93 156	P	Pn	21 07 27.4 +0.8
SMPL	Sampolo	2.93 156	S	Pn	21 07 59.5 -1.8
SMPL	Sampolo	2.93 156	ePn	Pn	21 07 29.0 +2.2
DAVA	Damuels	2.93 31	ePn	Pn	21 07 29.1 +2.3
DAVA	Damuels	2.93 31	ePn	Pn	21 07 59.3 +3.7
DAVA	Damuels	2.93 31	ePn	Pn	21 07 29.1 +1.1
METMA	Metma DE	2.96 7	ePn	Pn	21 08 02.1 +0.1
METMA	Metma DE	2.96 7	eSn	Pn	21 08 02.1 +0.1
AJAC	Base Areonaval	2.96 164	Pn	Pn	21 07 27.0 +0.1
LMD	Lutirano	2.96 102	P	Pn	21 07 29.7 +2.6
LMD	comp=E,39µm,1.0s		AML	AML	
LMD	comp=N,37µm,1.1s		AML	AML	
APPI	Appiano	3.01 54	P	Pn	21 07 30.0 +2.3
APPI	comp=E,91µm,1.5s		AML	AML	
APPI	comp=N,118µm,0.4s		AML	AML	
SLE	Schleitheim	3.04 10	Pn	Pn	21 07 29.2 +1.1
SLE	Schleitheim	3.04 10	ePn	Pn	21 07 29.1 +1.1
SLE	Schleitheim	3.04 10	eSn	Pn	21 08 04.5 +0.5
CASP	Castiglione de	3.04 130	P	Pn	21 07 29.0 +0.8
CASP	comp=E,31µm,0.8s		AML	AML	
CASP	comp=N,45µm,0.8s		AML	AML	
CTI	Castel Tesino	3.06 64	P	Pn	21 07 29.3 +0.7
CTI	Castel Tesino	3.06 64	S	Pn	21 08 05.0 +0.3
CTI	Castel Tesino	3.06 64	AML	AML	
CTI	comp=N,260µm,0.2s		AML	AML	
FETA	Feichten	3.08 42	i Pn	Pn	21 07 32.5 +3.6
FETA	comp=E,5.0nm,0.1s,SNR=16		i Sn	Pn	21 08 05.4 +0.1
FETA	comp=E,15nm,0.4s		i Sn	Pn	21 08 05.4 +0.1
KOSI	Kohlern	3.08 56	P	Pn	21 07 30.9 +2.0
KOSI	comp=E,85µm,0.8s		AML	AML	
KOSI	comp=N,78µm,1.4s		AML	AML	
HINF	Hinterfall	3.09 349	ePn	Pn	21 07 30.3 +1.4
HINF	Hinterfall	3.09 349	eSn	Pn	21 08 03.8 -1.6
HINF	comp=N,80nm,0.3s		eSg	Sg	21 08 19.6 -0.6
HINF	comp=N,22nm,0.2s		eSg	Sg	21 08 19.6 -0.6
CGRP	Cima Grappa	3.10 68	P	Pn	21 07 29.3 +0.2
CGRP	Cima Grappa	3.10 68	S	Pn	21 08 03.2 -2.5
CGRP	Cima Grappa	3.10 68	AML	AML	
CGRP	comp=N,134µm,0.4s		AML	AML	
CGRP	comp=E,164µm,1.2s		AML	AML	
BERGE	Lenzkirch (DE)	3.11 6	ePn	Pn	21 07 30.1 +1.0
BERGE	Lenzkirch (DE)	3.11 6	eSn	Pn	21 08 05.4 -0.5
BERGE	Lenzkirch (DE)	3.11 6	ePn	Pn	21 07 31.0 +1.6
WALHA	Wallhausen, DE	3.13 18	ePn	Pn	21 08 06.0 +0.5
WALHA	Wallhausen, DE	3.13 18	eSn	Pn	21 08 06.0 +0.5
WALHA	Wallhausen, DE	3.13 18	ePn	Pn	21 07 31.8 +1.6
LBAL	Lublihal	3.18 280	Pn	Pn	21 07 32.5 +2.2
OBER	Oberstorf	3.19 34	ePn	Pn	21 07 32.9 +2.4
ABSI	Aberstueckl	3.20 51	P	Pn	21 07 32.9 +2.4
ABSI	comp=E,126µm,0.9s		AML	AML	
ABSI	comp=N,126µm,1.0s		AML	AML	
EMING	Emmingen-Lipti	3.21 14	ePn	Pn	21 07 31.7 +1.1
EMING	Emmingen-Lipti	3.21 14	eSn	Pn	21 08 08.7 +0.4
CRE	Caprese Michel	3.28 109	P	Pn	21 07 34.1 +2.7
CRE	Caprese Michel	3.28 109	AML	AML	
CRE	comp=N,52µm,1.1s		AML	AML	
CRE	comp=E,43µm,1.2s		AML	AML	
SMF	Signal de Mont	3.28 306	ePn	Pn	21 07 33.4 +2.0
SMF	Signal de Mont	3.28 306	eSn	Pn	21 08 08.9 -1.0
SMF	Signal de Mont	3.28 306	eSg	Sg	21 08 25.7 -0.5
SMF	comp=E,41nm,0.3s		eSg	Sg	21 08 25.7 -0.5
VARN	Col Varnada, M	3.34 67	P	Pn	21 07 32.7 +0.5
VARN	Col Varnada, M	3.34 67	AML	AML	
VARN	comp=E,268µm,0.6s		AML	AML	
UBR	Ueberuh	3.35 29	ePn	Pn	21 07 34.1 +1.7
UBR	Ueberuh	3.35 29	eSn	Pn	21 08 13.6 +1.8
HAU	Haudompre	3.36 344	ePn	Pn	21 07 33.9 +1.4
HAU	Haudompre	3.36 344	eSn	Pn	21 08 10.2 -1.7
ROSI	Roskopf	3.37 49	P	Pn	21 07 35.4 +2.6
ROSI	Roskopf	3.37 49	AML	AML	
ROSI	comp=N,450nm,0.3s		AML	AML	
ROSI	comp=E,177µm,1.1s		AML	AML	
ROSI	comp=N,160µm,0.8s		AML	AML	
AGOR	Agordo	3.41 62	P	Pn	21 07 34.7 +1.5
AGOR	Agordo	3.41 62	AML	AML	
AGOR	comp=N,76µm,0.4s		AML	AML	
RETA	Reutte	3.45 37	i Pn	Pn	21 07 35.8 +2.0
RETA	Reutte	3.45 37	eSn	Pn	21 08 15.0 +0.8
RETA	comp=E,6.0nm,0.2s,SNR=24		eSn	Pn	21 08 15.0 +0.8
ECH	Echery	3.46 354	ePn	Pn	21 07 34.9 +1.1
ECH	Echery	3.46 354	eSn	Pn	21 08 12.5 -1.8
ROSI	Sankt Quirin	3.46 44	ePn	Pn	21 07 37.1 +3.1
ROSI	Sankt Quirin	3.46 44	eSn	Pn	21 07 37.1 +3.1
SOTA	Sankt Quirin	3.46 44	ePn	Pn	21 08 17.1 +2.6
SOTA	comp=E,13nm,0.1s,SNR=56		i Sn	Pn	21 08 17.1 +2.6
PARC	Parchiule	3.46 108	P	Pn	21 07 37.3 +3.4
PARC	Parchiule	3.46 108	AML	AML	
PARC	comp=N,25µm,0.8s		AML	AML	
PARC	comp=N,25µm,0.8s		AML	AML	
ZUGS	Zugspitze, Sch	3.49 40	ePn	Pn	21 07 36.9 +2.3
MOTA	Mocissalm	3.50 42	i Pn	Pn	21 07 37.0 +2.5
MOTA	Mocissalm	3.50 42	i Sn	Pn	21 08 17.3 +1.8
MOTA	comp=E,11nm,0.2s		eSn	Pn	21 07 36.3 +0.8
BFO	Black Forest	3.58 7	ePn	Pg	21 07 47.9 -1.6
BFO	Black Forest	3.58 7	ePn	Pg	21 08 16.5 -0.8
POLC	Polcenigo	3.61 68	P	Pn	21 07 36.9 +1.0
POLC	Polcenigo	3.61 68	AML	AML	
POLC	comp=N,154µm,0.4s		AML	AML	
POLC	comp=E,136µm,0.4s		AML	AML	
PART	Garmisch-Parten	3.61 40	ePn	Pn	21 07 38.2 +2.2
PE3	Peglio	3.62 106	P	Pn	21 07 36.8 +0.6
PE3	Peglio	3.62 106	AML	AML	
PE3	comp=E,76µm,0.4s		AML	AML	
AVF	Avril sur Loir	3.64 305	ePn	Pn	21 08 14.3 +2.1
AVF	Avril sur Loir	3.64 305	eSn	Pn	21 07 38.1 +0.3
AVF	comp=N,20nm,0.2s		eSg	Sg	21 08 36.4 -1.4
AVF	comp=N,18nm,0.3s		eSg	Sg	21 08 36.4 -1.4
CDF	Champ du Feu	3.64 356	ePn	Pn	21 07 37.6 +1.1
CDF	Champ du Feu	3.64 356	eSn	Pn	21 08 18.5 -0.5
LOR	Lormes	3.65 314	ePn	Pn	21 07 38.4 +1.9
LOR	Lormes	3.65 314	ePn	Pg	21 07 49.6 -1.2

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LOR	comp=N,47nm,0.2s		eSn	Sn	21 08 18.5 -0.6
LOR	comp=N,25nm,0.4s		eSg	Sg	21 08 36.7 -1.4
CIMO	Cimolais	3.67 64	P	Pn	21 07 37.8 +1.0
CIMO	Cimolais	3.67 64	AML	AML	
CIMO	comp=N,34µm,0.4s		AML	AML	
CIMO	comp=N,35µm,1.6s		AML	AML	
WTTA	Wattenberg	3.70 47	i Pn	Pn	21 07 40.4 +3.0
WTTA	Wattenberg	3.70 47	i Sn	Pn	21 08 23.5 +2.8
WTTA	Wattenberg	3.70 47	P	Pn	21 07 40.2 +2.8
WTTA	Wattenberg	3.70 47	AML	AML	
WTTA	Wattenberg	3.70 47	ePn	Pn	21 07 40.5 +3.0
WTTA	Wattenberg	3.70 47	eSn	Pn	21 08 23.6 +3.0
SSF	Saint Saulge	3.71 309	ePn	Pn	21 07 39.2 +1.9
SSF	Saint Saulge	3.71 309	eSn	Pn	21 08 19.1 -1.3
SSF	comp=N,42nm,0.4s		eSg	Sg	21 08 38.5 -1.4
NARO	Abbazia di No	3.71 107	P	Pn	21 07 40.6 +3.4
WATA	Walderalm	3.72 45	i Pn	Pn	21 07 40.2 +2.6
WATA	Walderalm	3.72 45	i Sn	Pn	21 08 24.2 +3.1
WATA	comp=N,4.7nm,0.2s		P	Pn	21 07 39.9 +1.8
RISI	Rein	3.75 53	P	Pn	21 07 39.9 +1.8
RISI	Rein	3.75 53	AML	AML	
RISI	comp=E,86µm,0.4s		AML	AML	
RISI	comp=N,164µm,0.4s		AML	AML	
STAL	STALIGIAL	3.83 65	P	Pn	21 07 39.5 +0.6
STAL	STALIGIAL	3.83 65	AML	AML	
STAL	comp=N,212µm,0.2s		AML	AML	
BGF	Bois d'Agland	3.83 299	ePn	Pn	21 07 41.1 +2.1
BGF	Bois d'Agland	3.83 299	eSn	Pn	21 08 22.9 -0.7
BGF	comp=E,73nm,0.4s		eSg	Sg	21 08 43.5 -0.5
SFTF	Sextantaines	3.88 333	ePn	Pn	21 07 41.5 +1.8
SFTF	Sextantaines	3.88 333	eSn	Pn	21 08 23.0 -1.8
SFTF	comp=N,34nm,0.2s		eSn	Pn	21 07 42.2 +2.1
ABTA	Abfaltersbach	3.91 58	i Pn	Pn	21 08 26.7 +1.2
ABTA	Abfaltersbach	3.91 58	i Sn	Pn	21 07 42.2 +0.8
MPRI	Monte Prat	4.00 67	P	Pn	21 07 42.2 +0.8
MPRI	Monte Prat	4.00 67	AML	AML	
MPRI	comp=N,93µm,0.4s		AML	AML	
FVI	Forni Avoltri	4.00 61	P	Pn	21 07 44.2 +2.7
CAF	Calviac	4.00 274	ePn	Pn	21 07 43.5 +2.1
CAF	Calviac	4.00 274	ePn	Pg	21 07 56.1 -1.5
CAF	Calviac	4.00 274	ePn	Pg	21 08 27.2 -0.7
CAF	comp=E,14nm,0.4s		eSg	Sg	21 08 48.6 -0.9
CLUD	Cludine	4.01 63	P	Pn	21 07 42.5 +1.0
PAGF	Fort de Pagny	4.01 341	ePn	Pn	21 07 43.3 +1.9
PAGF	Fort de Pagny	4.01 341	eSn	Pn	21 08 26.6 -1.3
ZOU	Zouplan	4.11 63	P	Pn	21 07 44.1 +1.1
TCF	Touix Ste Croi	4.13 293	ePn	Pn	21 07 45.3 +2.1
TCF	Touix Ste Croi	4.13 293	eSn	Pn	21 08 30.4 -0.7
TCF	comp=E,27nm,0.4s		eSg	Sg	21 08 51.8 -1.9
MEZF	Maizieres J'vi	4.14 335	ePn	Pn	21 07 45.3 +2.1
MEZF	Maizieres J'vi	4.14 335	ePn	Pg	21 07 59.0 -1.2
MEZF	Maizieres J'vi	4.14 335	eSn	Pn	21 08 29.5 -1.7
EL6	Eloit	4.16 109	P	Pn	21 07 46.1 +2.5
SJAF	Saint Jean de	4.18 238	Pn	Pn	21 07 44.9 +1.1
FUR	Furstenfeldbru	4.19 35	ePn	Pn	21 07 45.3 +1.3
FUR	Furstenfeldbru	4.19 35	eSn	Pn	21 08 33.1 +0.6
FUR	Furstenfeldbru	4.19 35	ePn	Pn	21 07 45.5 +1.4
MTFL	Montolieu	4.20 252	ePn	Pn	21 08 31.0 -1.6
MTFL	Montolieu	4.20 252	eSn	Pn	21 08 53.6 -2.2
MTFL	Montolieu	4.20 252	ePn	Pn	21 07 45.8 +1.8
MTFL	Montolieu	4.20 252	P	Pn	21 08 35.9 +1.8
MTFL	Montolieu	4.20 252	S	Pn	21 08 32.0 -0.7
SAVF	Savonnières en	4.22 336	ePn	Pn	21 07 46.7 +2.4
SAVF	Savonnières en	4.22 336	ePn	Pg	21 08 00.9 -0.9
SAVF	Savonnières en	4.22 336	eSn	Pn	21 08 32.0 -1.1
SAVF	Savonnières en	4.22 336	ePn	Pn	21 07 47.5 +1.9
HYF	Humbigny	4.31 307	ePn	Pn	21 08 02.7 -0.7
HYF	Humbigny	4.31 307	ePn	Pn	21 08 34.4 -0.9
GRJN	Brijuni	4.31 86	eSn	Pn	21 07 45.9 +1.8
CSP	Cessapalombo	4.33 111	P	Pn	21 07 48.5 +2.6
ROBS	Robic	4.34 68	i Pn	Pn	21 07 46.3 +0.2
ROBS	Robic	4.34 68	eSn	Pn	21 08 33.3 -2.8
RJF	Les Rejaudoux	4.41 279	ePn	Pn	21 07 49.3 +2.4
RJF	Les Rejaudoux	4.41 279	ePn	Pn	21 07 52.0 +5.1
RJF	Les Rejaudoux	4			

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

1DC 16:21:36:00.0.0.6.37.42N:143.81E, h0km, mb4.0/20, mb1.4/2.25, mb1mx4.0/6.5, mbtmp4.1/2.5, ML4.1/4, MS3.1/10, Ms1.3/1.0, ms1mx2.8/6.2, Error ellipse: s-maj=18.7km s-min=12.9km az=91.0

NIED 16:21:36:04.3.37.56N:143.52E, h56km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mn=-0.44; Mw=1.66; Ms=2.10; Mo=0.07; Mw0.29; Mw0.87; Fault plane solution: M2.04000x10^15 NP1: 0.319.00000, s83.00000, t1.63.00000. NP2: 0.51.00000, s73.00000, t7.00000

JMA 16:21:36:04.3.0.2.37.56N:143.52E, h56km, M4.4, NEIC 16:21:36:05.5.2.5.37.52N:143.57E, 0.10, h35km, 7km, mb4.2/2.9, Error ellipse: s-maj=11.4km s-min=8.3km az=79.0

ISC 16:21:36:05.0.0.6.37.54N:143.63E, h35km, n114, s195/128, mb4.3/3.4, MS3.1/5.1, C, Off east coast of Honshu

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIKH, JIO, JKM, etc.

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

1DC 16:21:41:29.2.1.0.43.00N:143.51E, h97km, mb3.0/2, mb1.3/3.4, mb1mx2.9/6.1, mbtmp3.3/4, ML2.9/2, Error ellipse: s-maj=49.7km s-min=29.8km az=114.0

JMA 16:21:41:29.6.1.0.43.02N:143.51E, h97km, km, M2.3, ISC 16:21:41:29.2.1.0.43.00N:143.56E, 0.105, h100km, 7km, n17, c=41/26, Hokkaido region

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOMN, SOMN, SOMN, etc.

MOS 16:21:42:54.4.1.1.50.87N:157.49E, h37km, mb4.3/4, Error ellipse: s-maj=14.1km s-min=4.5km az=80.5, MOS Felt (I) at Seveuro-Kuril's, NEIC 16:21:42:57.0.1.3.51.0N:0.1x157.4E:0.2, h65km, 10km, mb4.2/8, Error ellipse: s-maj=22.7km s-min=12.5km az=133.0

IDC 16:21:42:59.0.2.7.51.15N:157.27E, h77km, 21km, mb3.6/11, mb1.3/8.13, mb1mx3.4/5.9, mbtmp3.9/13, MS3.4/7, Ms1.3/4.7, ms1mx2.9/5.5, Error ellipse: s-maj=34.2km s-min=16.8km az=133.0

ISC 16:21:42:54.4.1.2.50.87N:157.49E:0.06, h54km, 9km, AP1932, 1933/11, mb4.0/16, MS3.6/6, Kuril Islands

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Phase ID, Time, Res.

16d 22h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like MKAR Makanchi Array, MAKZ Makanchi, SPITS Spitsbergen Ar, etc.

16D 21:46:07.4 1.6 5.91S: 130.05E, h194km, 16km, mb4.0/19, mb1.4/25, mb1mx3.9/46, mbtmp4.7/25, MS3.8/2, Ms1.3/8.2, ms1mx2.6/35, Error ellipse: s-maj=15.9km s-min=9.4km az=79.0

NEIC 16:21:46:08.3 1.5 5.89S: 0.05x129.96E:0.08, h199km, 8km, mb4.5/35, Error ellipse: s-maj=13.1km s-min=4.4km az=60.0

DJA 16:21:46:08.0 0.2 6.2S: 2.13E, h190km, 2km, M4.7/26, mb5.2/12, mb4.6/26, MLv5.0/14, Mw(mB)4.6/12

ISC 16:21:46:07.8 0.3 5.88S: 0.04x130.01E:0.05, h200km, n135, a173/146, mb4.5/33, 1D, Banda Sea

Main station list table for 16d 22h, listing codes, station names, and various parameters for stations like BNDI, SAUI, SAUK, etc.

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Main station list table for 2015 NOV, listing codes, station names, and various parameters for stations like CAN, DZM, DZM, etc.

1010

Main station list table for 1010, listing codes, station names, and various parameters for stations like TORD, TORD, etc.

17d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAHR, EGAK, NVAR, NV11, etc.

IDC 1700:32:48.6:1.3,2:89N;128:74E,h0km,mb3.0/6, mb1.4/0.6,mb1mx3.7/44,mbtm3.9/6,MS3.2/2,Ms1.3/2.2,ms1mx2.2/5.4/1,Error ellipse: s-maj=87.8km s-min=18.0km az=72.0

DJA 1700:32:52.6:0.8,3'N4.4x12'9E",h10km,M4.3/7,mb4.6/2,MLV4.1/7

NEIC 1700:32:53.0:3.0,2:94N;109:128:9E:0.1,h2km,6km,mb4.3/13,Error ellipse: s-maj=20.0km s-min=13.5km az=93.0

ISC 1700:32:54.0:0.8,2:93N;109:128:82E:0.09,h44km,n32,az=60/24,mb4.1/13,Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNTI, SGSI, LBMI, etc.

IDC 1700:38:12.6:1.1,38:47N;144:82E,h0km,mb3.8/7,

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mb1.4/0.0,mb1mx3.8/39,mbtmp4.0/10,ML3.4/3,MS3.2/3,Ms1.3/2.3,ms1mx2.5/4.8,Error ellipse: s-maj=30.2km s-min=19.6km az=80.0

NEIC 1700:38:15.6:0.8,38:52N;144:68E,h42km,MW3.8,Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm; Mss-0.349; Mss0.15; Mms3.34; Mm-0.08; Mms-0.33; Mm3.348; Fault plane solution: M4.0,89000x10^14 NP1: ps=177.00000*,68.00000*,A-88.00000*. NP2: ps=351.00000*,322.00000*,A-96.00000*

JMA 17 00:38:15.6:0.2,38:52N;144:68E,h42km,M3.9 NEIC 17 00:38:16.8:2.1,38:47N;144:82E:0.1,h2km,6km,mb4.6/12,Error ellipse: s-maj=14.1km s-min=1.8km az=123.0

ISC 17 00:38:17.1:0.7,38:51N;105:144:80E:0.07,h35km,n65,az=205/75,mb4.3/13,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OFUJ, MIJY, KJMT, etc.

1012

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPSI, TTSI, SPSI, etc.

IDC 1701:02:20.3:0.9,3:39N;128:57E,h0km,mb3.8/10, mb1.4/0.0,mb1mx3.7/39,mbtmp3.9/10,MS3.0/4,Ms1.3/0.4,ms1mx2.6/5.4,Error ellipse: s-maj=63.9km s-min=15.2km az=71.0

NEIC 17 01:02:34.1:4.3,3:06N;127:6E:0.3,h105km,6km,mb4.1/12,Error ellipse: s-maj=39.7km s-min=10.0km az=81.0

ISC 17 01:02:33.2:0.7,3:05N;108:127:9E:0.2,h100km,n33,az=129/23,mb3.9/13,Talauud Islands

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

17d 3h

ENA	Nanau	0.27	151	P	Pn	02 45 00.5	-0.4
ENA	baz=150			eS	Sn	02 45 07.6	-0.2
EWUT	Wuta	0.27	143	P	Pn	02 45 00.3	-0.6
EWUT	baz=142			S	Sn	02 45 07.5	-0.4
NTC	Toucheng	0.28	48	eP	Pn	02 45 01.1	+0.1
NTC	baz=43			eS	Sn	02 45 08.0	0.0
NNS	Nan Shan	0.30	223	P	Pn	02 45 01.3	-0.1
NNS	baz=226			S	Sn	02 45 08.4	-0.2
NNSB	Datong	0.30	220	eP	Pn	02 45 01.3	0.0
NNSB	baz=225			S	Sn	02 45 08.3	-0.3
NHHD	Xindian Distri	0.31	347	P	Pn	02 45 01.1	-0.1
NHHD	baz=349			S	Sn	02 45 08.3	-0.1
TWA	Mucha	0.32	358	P	Pn	02 45 01.3	0.0
TWA	baz=352			S	Sn	02 45 08.6	0.0
TATO	Taipei	0.33	342	eP	Pn	02 45 01.2	-0.2
TATO	baz=351			eS	Sn	02 45 08.4	-0.3
EGS	baz=351	0.35	59	P	Pn	02 45 02.2	+0.7
EGS	baz=49			eS	Sn	02 45 10.6	+1.5
BACT	New Taipei Cit	0.36	337	eP	Pn	02 45 01.7	+0.1
BACT	baz=346			eS	Sn	02 45 09.7	+0.5
TIPB	Shuangxi	0.37	34	eP	Pn	02 45 02.0	+0.2
TIPB	baz=23			eS	Sn	02 45 09.5	+0.1
NHY	Taipei	0.38	356	P	Pn	02 45 02.0	+0.2
NHY	baz=349			S	Sn	02 45 09.8	+0.4
TAP	Taipei	0.38	347	P	Pn	02 45 01.9	0.0
TAP	baz=350			eS	Sn	02 45 09.9	+0.4
NTY	Taoyuan	0.43	321	eP	Pn	02 45 02.6	+0.3
NTY	baz=325			eS	Sn	02 45 11.1	+0.7
NWF	Wu-fen Shan	0.44	22	P	Pn	02 45 02.7	+0.2
NWF	baz=13			S	Sn	02 45 10.6	0.0
WFSB	Wu-fen Shan	0.44	22	eP	Pn	02 45 02.6	+0.2
WFSB	baz=13			eS	Sn	02 45 10.7	+0.2
ETLH	Xiulin Townshi	0.47	193	eP	Pn	02 45 02.4	-0.4
ETLH	baz=188			eS	Sn	02 45 11.2	0.0
NJD	Zhudong	0.47	279	eP	Pn	02 45 03.1	+0.4
NJD	baz=294			S	Sn	02 45 11.6	+0.5
YM01	YM01	0.48	357	P	Pn	02 45 02.9	-0.1
YM01	baz=352			eS	Sn	02 45 11.6	+0.2
NCU	National Centr	0.48	309	eP	Pn	02 45 02.8	-0.1
NCU	baz=306			S	Sn	02 45 11.8	+0.5
NCUH	Zhongli	0.48	309	P	Pn	02 45 03.1	+0.3
NCUH	baz=305			eS	Sn	02 45 11.5	+0.2
NACB	Ninganchiao	0.49	180	eP	Pn	02 45 01.7	-1.2
NACB	baz=174			eS	Sn	02 45 10.3	-1.1
TWB1	Santiao Chiao	0.49	46	P	Pn	02 45 03.2	+0.3
TWB1	baz=37			eS	Sn	02 45 12.0	+0.5
ETL	Fush Village	0.50	177	eP	Pn	02 45 01.9	-1.2
NTST	Danshui	0.52	345	eP	Pn	02 45 03.5	+0.3
NTST	baz=338			eS	Sn	02 45 12.6	+0.7
YM08	YM08	0.52	359	eP	Pn	02 45 03.0	-0.3
YM08	baz=352			eS	Sn	02 45 11.5	-0.6
FUSS	Fushou	0.53	218	P	Pn	02 45 03.8	+0.2
FUSS	baz=221			eS	Sn	02 45 12.5	0.0
ANP	Anpu	0.53	352	P	Pn	02 45 03.2	-0.2
ANP	baz=1.0			eS	Sn	02 45 11.9	-0.4
LI0B	Emei	0.53	268	P	Pn	02 45 03.4	0.0
LI0B	baz=273			S	Sn	02 45 12.3	0.0
HSN1	Hsinchu	0.54	282	P	Pn	02 45 03.7	+0.2
HSN1	baz=297			S	Sn	02 45 12.9	+0.5
NWRT	Kuosheng	0.54	6	eP	Pn	02 45 03.4	0.0
NWRT	baz=13			eS	Sn	02 45 12.2	-0.1
NSTT	Nanjuang	0.55	267	eP	Pn	02 45 03.3	-0.2
NSTT	baz=271			eS	Sn	02 45 12.2	-0.3
TWT	Tachien	0.56	223	eP	Pn	02 45 04.4	+0.5
TWT	baz=221			eS	Sn	02 45 13.6	+0.5
SBCB	Hsinchu	0.57	283	eP	Pn	02 45 04.0	+0.2
SBCB	baz=297			eS	Sn	02 45 13.5	+0.5
TDCB	Techi	0.57	225	eP	Pn	02 45 04.3	+0.3
TDCB	baz=221			eS	Sn	02 45 13.5	+0.2
TWD	Chiawan	0.58	180	eP	Pn	02 45 02.7	-1.2
TWD	baz=171			eS	Sn	02 45 03.9	-0.2
HSN	Hsinchu	0.59	284	eP	Pn	02 45 13.2	-0.1
HSN	baz=291			eS	Sn	02 45 13.2	-0.1
WHF	Hehuan Shan	0.60	211	P	Pn	02 45 04.7	+0.1
WHF	baz=204			eS	Sn	02 45 14.2	0.0
TWY	Chenhua	0.61	0	eP	Pn	02 45 04.8	+0.5
TWY	baz=353			S	Sn	02 45 14.4	+0.6
HWA	Hwaiien	0.68	180	P	Pn	02 45 04.2	-0.9
HWA	baz=178			eP	Pn	02 45 04.1	-1.3
ETM	Tongmen	0.70	188	eP	Pn	02 45 06.0	+0.4
WHP	Taichung City	0.71	237	eP	Pn	02 45 16.3	+0.3
WHP	baz=248			eS	Sn	02 45 06.1	+0.4
CHGB	Renai	0.71	213	P	Pn	02 45 06.7	+0.4
CHGB	baz=207			S	Sn	02 45 16.7	+0.4
NMLH	Miaoii	0.75	260	eP	Pn	02 45 05.9	0.0
NMLH	baz=263			S	Sn	02 45 17.2	+0.5

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TEYL	Yanliu Villag	0.79	180	eP	Pn	02 45 05.9	-0.6
TEYL	baz=179			S	Sn	02 45 06.9	+0.3
NSY	Sanyi	0.80	252	P	Pn	02 45 18.6	+0.6
NSY	baz=254			S	Sn	02 45 07.1	+0.3
OWD	Renai	0.80	209	P	Pn	02 45 18.6	+0.6
OWD	baz=209			eS	Sn	02 45 18.6	+0.4
TWQ1	Liyutan	0.81	248	P	Pn	02 45 06.9	+0.1
TWQ1	baz=249			S	Sn	02 45 18.4	+0.1
ESL	Shilin	0.86	190	eP	Pn	02 45 05.7	-1.7
ESL	baz=181			eP	Pn	02 45 07.8	+0.3
WCS	Beigang Elemen	0.87	226	eP	Pn	02 45 20.2	+0.7
WCS	baz=236			eS	Sn	02 45 08.5	+1.0
WPL	Puli Township	0.87	222	eP	Pn	02 45 20.5	+0.9
WPL	baz=232			eS	Sn	02 45 08.6	+1.0
DPDB	Guoxing	0.88	224	eP	Pn	02 45 08.6	+1.0
DPDB	baz=234			eS	Sn	02 45 20.4	+0.7
WDJ	Dajia District	0.93	250	P	Pn	02 45 08.2	0.0
WDJ	baz=252			eS	Sn	02 45 20.8	0.0
TEGC	Jichi Village	0.95	183	eP	Pn	02 45 07.0	-1.6
TEGC	baz=181			eP	Pn	02 45 09.2	+0.2
TCU	Taichung	0.98	239	eP	Pn	02 45 22.4	+0.2
TCU	baz=249			eS	Sn	02 45 09.7	+0.6
VWDT	VWDT	1.00	205	eP	Pn	02 45 23.1	+0.7
VWDT	baz=213			eS	Sn	02 45 07.4	-1.9
EGFH	Guangfu	1.00	189	eP	Pn	02 45 09.8	+0.4
EGFH	baz=181			eS	Sn	02 45 23.4	+0.7
SMLT	Sun Moon Lake	1.00	220	P	Pn	02 45 09.4	+0.7
SMLT	baz=226			eS	Sn	02 45 09.7	+0.3
TYC	Yuch	1.01	222	P	Pn	02 45 23.5	+0.7
TYC	baz=229			eS	Sn	02 45 10.4	+0.8
WWF	Wufeng	1.03	233	eP	Pn	02 45 23.8	+0.6
WWF	baz=244			eS	Sn	02 45 10.2	+0.3
SSLB	Suanguang	1.05	214	eP	Pn	02 45 24.5	+0.7
SSLB	baz=208			eS	Sn	02 45 11.3	+0.6
WCHH	Zhanghua	1.11	239	eP	Pn	02 45 25.9	+0.8
WCHH	baz=239			eS	Sn	02 45 11.3	+0.5
WNT1	Nantou City	1.13	228	eP	Pn	02 45 26.3	+0.9
WNT1	baz=239			eS	Sn	02 45 11.4	+0.3
WNT	Mingjian	1.14	227	P	Pn	02 45 26.2	+0.3
WNT	baz=237			eS	Sn	02 45 11.6	+0.4
WJS	Zhushan	1.16	224	eP	Pn	02 45 26.7	+0.6
WJS	baz=235			eS	Sn	02 45 12.1	+0.8
WYL	National Townsh	1.16	233	eP	Pn	02 45 26.7	+0.4
WYL	baz=246			eS	Sn	02 45 10.8	-0.7
HGSD	Ruisui	1.18	188	eP	Pn	02 45 11.0	-0.5
HGSD	baz=186			eP	Pn	02 45 12.5	+0.2
EHY	Hungye	1.18	192	eP	Pn	02 48.7	+0.5
EHY	baz=181			eP	Pn	02 45 10.7	-2.4
JYNG	Yonagunijimaku	1.24	99	P	Pn	02 45 13.3	+0.1
JYNG	baz=182			eS	Sn	02 45 30.4	+0.8
YOJ	Yonaguni jima	1.30	99	eP	Pn	02 45 13.3	+0.1
YOJ	baz=97			eS	Sn	02 45 13.3	+0.1
YOJ	Yonaguni jima	1.30	99	P	Pn	02 45 29.8	+0.2
YOJ	baz=182			eS	Sn	02 45 11.2	-2.4
YULI	Yuli	1.33	192	eP	Pn	02 45 13.7	+0.1
YULI	baz=183			eP	Pn	02 45 12.7	-1.2
ECBN	Changbin	1.35	186	eP	Pn	02 45 13.3	-0.5
ECBN	baz=184			eP	Pn	02 45 29.6	-1.1
WRL	Guolierin Hig	1.35	236	eP	Pn	02 45 14.2	+0.2
WRL	baz=245			eS	Sn	02 45 31.9	+0.9
CHNS	Tsauling	1.35	219	eP	Pn	02 45 14.5	+0.6
CHNS	baz=218			eS	Sn	02 45 14.5	+0.9
WGK	Gukeng	1.36	224	eP	Pn	02 45 14.7	+0.5
WGK	baz=235			eS	Sn	02 45 32.5	+1.1
ALS	Allshan	1.36	212	eP	Pn	02 45 14.3	+0.2
ALS	baz=221			eS	Sn	02 45 15.4	+0.2
WDLH	Douliu	1.37	225	eP	Pn	02 45 33.3	-0.4
WDLH	baz=236			eS	Sn	02 45 15.9	+0.2
WTK	Tuku	1.47	229	eP	Pn	02 45 16.7	+0.5
WTK	baz=228			eS	Sn	02 45 36.0	+1.0
FULB	Fuli	1.48	191	eP	Pn	02 45 16.5	-0.3
FULB	baz=182			eP	Pn	02 45 17.4	+0.6
CHN2	Minshiang	1.52	223	eP	Pn	02 45 17.1	+0.1
CHN2	baz=233			eS	Sn	02 45 36.8	+0.4
ELDTW	Lidau	1.56	200	eP	Pn	02 45 17.1	+0.1
ELDTW	baz=189			eS	Sn	02 45 17.4	+0.6
CHKT	Chengkung	1.57	188	eP	Pn	02 45 17.1	+0.1
CHKT	baz=175			eS	Sn	02 45 17.1	+0.1
CHY	Chiayi	1.58	223	eP	Pn	02 45 17.1	+0.1
CHY	baz=232			eS	Sn	02 45 17.1	+0.1
TPUB	Ta-pu	1.62	213	eP	Pn	02 45 17.1	+0.1
TPUB	baz=212			eS	Sn	02 45 17.1	+0.1
TPUB	Ta-pu	1.62	213	eP	Pn	02 45 17.1	+0.1
TPUB	baz=212			eS	Sn	02 45 17.1	+0.1
STYH	Taoyuan	1.67	207	eP	Pn	02 45 19.2	+1.1
STYH	baz=216			eS	Sn	02 45 39.5	+1.1
WTP	WTP	1.67	213	eP	Pn	02 45 19.2	+0.9
WTP	baz=212			eS	Sn	02 45 19.2	+0.9
STYT	Taoyuan	1.68	207	eP	Pn	02 45 17.6	-1.0
STYT	baz=205			eP	Pn	02 45 19.9	+0.6
EDW	Donghe	1.71	189	eP	Pn	02 45 19.9	+0.3
EDW	baz=176			eP	Pn	02 45 42.3	+1.4
CHN1	Nanshi	1.77	214	eP	Pn	02 45 19.8	+0.2
CHN1	baz=212			eS	Sn	02 45	

1015

BEO 17 03:00:11.3: 0.9, 39.59N:24.10E, hOkm, M.L3.9/17
ISC 17 03:00:10.6: 1.0, 39.51N:0.02:24.12E:0.01, hOkm,7km,
n361, r19/19/422, mb4.0/19, M3.3/12C-16D, Aegean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ALNA, PAIG, EFA, SKY, NEO, etc.

2015 NOV

Main data table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VILL, KARY, KAVA, BOZC, BOZC, BOZC, etc.

17d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BOSS, THRS, THRE, etc.

17d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRES Cresnjev, MPLH Magyarpolny, SORM Soroca, etc.

2015 NOV

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries for NNA, RUSC, UREC, ZARC, ZARO, PAYG, CAPC, CAP2, ECIP, BCIP, BRUZ, MOCM, OCAC, SMLC, RIMA, ELOV, JTS, JTS, ORTG, SDV, ETMB, ESPN, ACON, BAUV, BOAB, SAML, LPAZ, LPAZ, LPB12, MACRA, PTGA, PTGA, PB08, PB07, VILB, VILB, LVC, LVC, SIV, TOSP, ITTB, PTLB, CELP, SJB, PDRB, NPGB, MTP, CMIG, CUPR, CLDB, MALB, SALV, MOPB, AQDB, SNDB, TMBAB, CPUP, CPUP, IPMB, ITQB, ITQB, 152A, FRTB, GOGA, GOGA, Z51A, JSC, HODGE, Y49A, FPAL, Y45A, BG3, X48A, X48A, KMSC, W52A, W50A, SWET, SWET, V53A, JCT, JCT, WLAR, V52A, V51A, V48A.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries for CLTN, TZTN, TZTN, MIAR, WVT, WVT, WVT, U49A, TXAR, TXAR, TX31, W41B, WHAR, WHAR, X37A, W39A, ABTX, LCAR, T47A, ABTX, LOOK, FC1A, PBMO, CBN, U40A, U40A, X34A, T42A, R50A, HHAR, R49A, S44A, WCI, WCI, TUL1, TUL1, MGMO, WMOK, WMOK, Q52A, FVM, FVM, CCM, CCM, CCM, BLO, BLO, P52A, MNXT, P49A, P49A, P48A, Q44A, MVL, MVL, ACSSO, ACSSO, AMTX, AMTX, SPSA, SPSA, LUPA, O44A, N54A, N59A, N47A, NBAN, M57A, M57A, 121A, 121A, 319A, N41A, KSU1, L48A, BINY, ANMO, ANMO, K57A, CBK5, TUC, TUC, T25A, T25A, SCIA, JFWS, JFWS, K38A, 214A, 214A, 214A.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries for SDCO, SDCO, BGNE, LBNN, W18A, LONY, S22A, X16A, WUAZ, ISCO, ECSD, ECSD, SPMN, SPMN, U15A, W13A, F36A, SUSD, KNB, GMRC, F33A, RWWY, SHPR, RSSD, RSSD, FURC, TCUT, MPMC, SPR3, DUG, AGMM, R11A, BW06, PDAR, PDAR, ISA, MDND, YES, AHID, REDW, SNOW, NVAR, NVAR, LHV, RLMT, RLMT, ULM, ULM, YMR, YHL, DGMT, HLID, BOZ, BOZ, MFID, EGMT, EGMT, ORV, WVOR, O03E, J08A, MOD, MOD, SCHO, SCHO, M04C, I07A, F10A, J05D, G08A, PINE, J04D, I05D, K02D, NEW, NEW, YKA, TGNT, P33M, MPPY, FARO, ICESG, ICESG, M31M.

17d 7h

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like YUKA Talbot Arm, YUK3 Moose Creek, etc.

2015 NOV

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like DMN Daman, GUN Gumba, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like I31KZ AKTYUBINSK INF 14.61 138 i, etc.

SLE	comp=Z,370nm,1.1s	pmx	pmx						
SLE	Schleitheim	12.62 320	ePn	Pn	07 13 05.3	-2.7			
SLE			eSn	Sn	07 15 19.8	-8.6			
MAHO	Mahon	12.66 281	P	Pn	07 13 09.0	+0.4			
MAHO			eS	Sn	07 13 11.1	-8.4			
MAHO	Mahon	12.66 281	uP	Pn	07 13 09.0	+0.4			
BALST	Balsthal	12.76 317	ePn	Pn	07 13 07.4	-2.5			
BALST			eSn	Sn	07 15 24.8	-7.1			
KOT	Kottamia	12.77 130	P	Pn	07 13 05.5	-4.6			
HSAF	As Saff	12.83 131	P	Pn	07 13 06.5	-4.5			
GRFO	Grafenberg	12.87 332	P	Pn	07 13 07.4	-3.9			
GRFO			ePn	Pn	07 13 07.4	-3.9			
GRAT	Grafenberg Arr	12.87 332	P	Pn	07 13 07.4	-4.1			
GRF	Grafenberg Arr	12.87 332	ePn	Pn	07 13 07.2	-4.1			
GRF	Grafenberg Arr	12.87 332	P	Pn	07 13 08.0	-3.4			
HHAG	Hagoal	12.92 129	P	Pn	07 13 08.5	-3.6			
baz=129									
Jatilah	Jatilah	12.95 131	P	Pn	07 13 08.7	-3.9			
STU	Stuttgart	12.99 325	P	Pn	07 13 09.5	-3.5			
STU			ePn	Pn	07 13 10.9	-2.1			
STU	Stuttgart	12.99 325	uP	Pn	07 13 09.8	-3.2			
STU			ePn	Pn	07 13 09.5	-3.5			
BCLA	Berggiesshubel	13.06 341	P	Pn	07 13 11.1	-2.8			
BRG	BRG		pmx	pmx					
BRG	BRG		ePn	Pn	07 13 11.5	-2.4			
BRG	BRG		iP	Pn	07 13 11.1	-2.8			
BRG	BRG		Amp		07 13 17.2				
BRG	BRG		P	P	07 13 21.5	-2.8			
BRG	BRG		Amp		07 13 27.0				
BRG	BRG		Amp		07 18 24.0				
BRG	BRG		Amp		07 18 35.0				
BRG	BRG		Amp		07 18 38.0				
GUINZ	Gunzen	13.06 336	ePn	Pn	07 13 10.5	-3.4			
BFO	Black Forest	13.08 321	P	Pn	07 13 11.4	-2.9			
BFO	Black Forest	13.08 321	ePn	Pn	07 13 11.2	-2.9			
BFO	Black Forest	13.08 321	eSn	Sn	07 13 11.9	-7.8			
BFO	Black Forest	13.08 321	P	Pn	07 13 11.4	-2.9			
BFO	Black Forest	13.08 321	eP	Pn	07 13 11.4	-2.9			
BHL	Bhannes	13.09 107	eP	Pn	07 13 14.4	-0.1			
WERD	Werda	13.14 336	ePn	Pn	07 13 13.0	-2.0			
HWQ	Harwa	13.16 105	P	Pn	07 13 15.3	-0.1			
BE	Belsk	13.16 1	eL	L	07 13 15.0	-0.3			
BE	Belsk		eL	L	07 22 54.4				
BE	Belsk		P	Pn	07 13 17.1	+1.8			
BE	Belsk		pmx	pmx					
BE	Belsk		uP	Pn	07 13 17.0	+1.8			
PLN	Plauen	13.22 336	ePn	Pn	07 13 13.2	-2.9			
ATAF	Djebel Tarf	13.25 263	P	Pn	07 13 18.8	+2.2			
FBE	Freiberg	13.25 340	ePn	Pn	07 13 14.2	-2.4			
GAZ	Gaziantep	13.25 91	P	Pn	07 13 17.4	+0.6			
MMAI	Mount Meron Ar	13.31 111	Pn	Pn	07 13 15.2	-2.3			
MMAI			Sn	Sn	07 15 43.2	-2.4			
SHBL	Shebaa	13.41 109	ePn	Pn	07 13 15.8	-3.1			
NBNS	Nabi Suf	13.44 135	P	Pn	07 13 14.5	-4.7			
SUZ	Suez	13.45 127	P	Pn	07 13 15.3	-4.0			
KIEV	Kiev	13.50 24	P	Pn	07 13 18.0	-1.8			
AKET	Djebel Ketaf	13.50 264	P	Pn	07 13 22.1	+1.9			
AKASG	Malin Array Be	13.51 24	Pn	Pn	07 13 17.4	-2.6			
AKASG			LR	LR	07 19 37.4				
AKASG	AKASG		ScP	ScP	07 22 20.9	+1.0			
AKASG	AKASG		iP	Pn	07 13 17.8	-2.2			
AKASG	AKASG		pmx	pmx					
AKASG	AKASG		Pn	Pn	07 13 17.9	-2.1			
AKB	AKB		Pn	Pn	07 13 19.3	-0.7			
AKB	AKB		ePn	Pn	07 13 18.5	-1.5			
MOX	Moxa	13.53 335	P	Pn	07 13 17.1	-3.3			
MOX	MOX		pmx	pmx					
MOX	MOX		ePn	Pn	07 13 16.9	-3.5			
ECH	Echery	13.60 319	P	Pn	07 13 20.7	-0.5			
ECH	Echery	13.60 319	uP	Pn	07 13 18.9	-2.7			
ECH	Echery	13.60 319	Pn	Pn	07 13 20.7	-0.5			
ABMS	Boumerdes	13.64 267	P	Pn	07 13 22.9	+1.0			
ZAF	Zafarana	13.67 130	P	Pn	07 13 17.8	-4.5			
CLL	Collm	13.70 340	iP	Pn	07 13 20.3	-2.3			
CLL	CLL		pmx	pmx					
CLL	CLL		MLR	MLR					
CLL	CLL		iP	Pn	07 13 20.3	-2.3			
CLL	CLL		iP	Pn	07 13 31.9	+0.5			
CLL	CLL		ePmax		07 13 32.0				
CLL	CLL		Lmax	L	07 19 00.0				
CLL	CLL		L	L	07 19 00.0				
CLL	CLL		ePn	Pn	07 13 20.2	-2.3			
CLL	CLL		Pn	Pn	07 13 19.0	-3.2			
CLL	CLL		Pn	Pn	07 13 20.1	-4.1			
ADJB	Djebel Djouab	13.82 265	P	Pn	07 13 30.3	-2.6			
ABA	Alger-Bouzarea	13.97 268	P	Pn	07 13 25.7	-0.8			
ANN	Anapa	14.02 597	uP	Pn	07 13 27.1	+0.2			
ANN			pmx	pmx					
ANN	ANN		MLR	MLR					
UBBA	Unterbräzbach	14.24 332	ePn	Pn	07 13 26.4	-3.6			
GHAJ	Ghor Haditha	14.34 116	P	Pn	07 13 29.3	-2.2			
TNS	Tanus Mts	14.39 327	ePn	Pn	07 13 29.0	-3.1			
TNS			eSn	Sn	07 16 01.8	-1.0			
ASUT	Asut	14.55 137	P	Pn	07 13 30.9	-3.5			
RUE	Ruedersdorf	14.58 343	eP	Pn	07 13 40.8	-0.3			
RUE	Ruedersdorf	14.58 343	uP	Pn	07 13 32.0	-2.6			
GKP	Gorka Klasztor	14.77 352	eP	Pn	07 13 35.9	-1.4			
GKP			eL	L	07 23 13.3				
GKP	Gorka Klasztor	14.77 352	eP	Pn	07 13 42.1	-1.2			
ASF	Jabal al Asfar	14.83 111	Pn	Pn	07 13 36.9	-1.4			
KTUT	Trabzon	14.96 75	uP	Pn	07 13 44.5	-1.0			
WLF	Walferdange	15.04 322	uP	Pn	07 13 39.4	-1.5			
WLF	Walferdange		ePn	Pn	07 13 48.2	-0.7			
WLF	Walferdange		dx	x	07 13 55.8				
WLF	Walferdange		pmx	pmx	07 13 39.0	-1.9			
WLF	Walferdange		uP	Pn	07 13 40.1	-0.8			
WLF	Walferdange		Pn	Pn	07 13 39.0	-1.9			
HBST	Basata	15.08 124	P	Pn	07 13 37.9	-3.7			
baz=124					07 15 34.4				
HKAT	Jabal Katrina	15.09 128	P	Pn	07 13 38.9	-3.1			
FLTG	Flechtingen	15.11 338	P	Pn	07 13 38.1	-3.7			
NUB	Nuweiba	15.15 125	P	Pn	07 13 39.1	-3.4			
AHRW	Bad Neuenahr-A	15.22 326	ePn	Pn	07 13 42.0	-1.3			
SOC	Sochi	15.26 650	iP	Pn	07 13 45.2	+1.4			
SOC			pmx	pmx	07 16 38.4				
SOC	SOC		pmx	pmx					
EBNR	Beni Rached	15.27 267	P	Pn	07 13 45.0	+0.9			
HDHB	Dhahab	15.34 126	P	Pn	07 13 42.1	-2.9			
baz=126									
ECHA	Ech Chlef	15.44 262	P	P	07 13 48.4	-2.3			
SUW	Suwalki	15.45 6	eP	S	07 13 43.5	-2.8			
SUW			eS	S	07 16 46.5	-6.7			
SUW			eL	L	07 22 29.2				

SUW	Suwalki	15.45 6	eP	Pn	07 13 45.3	-1.0			
SUW	Suwalki	15.45 6	P	Pn	07 13 43.4	-2.8			
SUW	Suwalki	15.45 6	uP	Pn	07 13 42.9	-3.3			
SUW	Suwalki	15.45 6	eP	Pn	07 13 43.4	-2.8			
BOU	Houvezneq	15.58 323	dx	x	07 13 45.5				
BHO			ePn	Pn	07 13 46.6	-1.3			
BRDL	Niedersach Rie	15.60 336	dx	x	07 14 02.4				
BTNL	Tennell	15.68 324	ePn	Pn	07 13 47.3	-0.9			
BTNL			dx	x	07 13 47.8	-1.6			
BTNL			ePn	Pn	07 13 57.3	-0.4			
BTNL			x	x	07 14 01.9				
EANR	'Ain N'Sour	15.70 266	P	Pn	07 13 48.0	-1.7			
MEM	Membaas	15.75 324	ePn	Pn	07 13 48.5	-1.7			
RCHB	Rochefort	15.82 321	ePn	Pn	07 13 50.3	-0.8			
RCHB			dx	x	07 13 56.1				
RCHB			ePn	Pn	07 13 59.8	+0.8			
KLNR	Kaliningrad	15.94 359	d/P	Pn	07 13 50.7	-1.8			
KLNR			pmx	pmx					
BCLA	Clavier	15.95 322	dx	x	07 13 45.5				
BCLA			ePn	Pn	07 13 52.6	-0.2			
BCLA									

17d 7h

CWF	comp-Z,172um,17.5s	IAMs_20	IAMs_20	07 23 22.0			
OLDB	Oldbury-Upon-S	20.71 316	eP	P	07 14 48.1	-0.5	
OLDB	comp-Z,138um,15.8s	IAMs_20	IAMs_20	07 23 40.1			
CEU	Ceuta	20.78 270	P	P	07 14 47.4	-2.1	
CEU			S		07 18 33.8	-7.4	
MAK	Makhachkala	20.82 70	eS	Pn	07 14 52.0	-0.4	
MAK			eS		07 18 45.2	-2.1	
MAK	comp-Z,4um,1.2s		pmax				
DYA	Yadsworth	20.92 312	eP	P	07 14 50.3	-0.6	
DYA	comp-Z,1um,1.4s		IAMB				
DYA	comp-Z,111um,16.7s		IAMs_20	IAMs_20	07 24 05.7		
AKT	Akhty	20.97 74c	iP	P	07 14 51.6	-0.1	
AKT	comp-Z,107nm,0.7s		pmax				
AKT	comp-Z,40um,16.0s		MLR	MLR			
CHEFC	Chefchaouen	20.97 268	P	P	07 14 52.0	+0.2	
PBRG	Braganca	21.02 287	eP	P	07 14 51.5	-0.7	
PBRG	comp-Z,21um,2.2s						
LCRM	LCR	21.06 264	P	P	07 14 54.0	+1.2	
HOMB	Homborsund	21.11 342	eP	P	07 14 51.7	-1.1	
HOMB	comp-Z,17um,3.8s		IvMB_BB				
HOMB			eS		07 18 51.1	-2.7	
HOMB	comp-Z,96um,10.1s		IvMs_BB	IvMs_BB	07 24 45.9		
MCH1	Michaelchurch	21.12 317	eP	P	07 14 52.5	-0.5	
MCH1	comp-Z,118um,16.3s		IAMs_20	IAMs_20			
MCH1	Michaelchurch	21.12 317	iP	P	07 14 52.8	-0.3	
43RU	DUBNA INFRASON	21.16 26	P	P	07 14 53.2	-0.3	
43RU	baz=201,slow=9.0,SNR=1.3						
CNIL	Conil	21.19 272	P	P	07 14 53.0	-1.0	
MDT	Midelt	21.19 262	P	P	07 14 54.1	0.0	
MDT	comp-Z,70nm,0.8s,baz=89,slow=15,SNR=68		LR	LR	07 25 18.9		
MDT	Midelt	21.19 262	P	P	07 14 54.2	0.0	
LBWR	Ladybowyer, Pea	21.22 321	eP	P	07 14 53.4	+0.8	
LBWR	comp-Z,114um,17.6s						
MVO	Moncorvo	21.25 285	eP	P	07 14 53.9	-0.8	
MVO	comp-Z,84um,20.0s						
STNC	Stoke	21.28 320	eP	P	07 14 55.0	+0.2	
STNC	comp-Z,160um,17.6s		IAMs_20	IAMs_20	07 23 42.0		
SFS	San Fernando	21.28 272	P	P	07 14 54.2	-0.8	
SFS	comp-Z,1um,0.9s		pmax				
SFS	comp-Z,161um,22.0s		MLR	MLR			
SFS	San Fernando	21.28 272	P	P	07 14 53.5	-1.5	
SFS			S		07 18 51.5	-1.0	
SFS	San Fernando	21.28 272	iP	P	07 14 55.2	+0.2	
SFS	San Fernando	21.28 272	P	P	07 14 54.2	-0.8	
SFS	comp-Z,161um,22.0s		IAMs_20	IAMs_20	07 23 15.5		
UPP	Uppsala	21.28 356	eP	P	07 14 53.5	-1.2	
IFR	Ifrane	21.33 264	P	P	07 14 54.0	-1.8	
IFR	comp-Z,11um,1.4s						
GDLE	Glaidsdale, N Y	21.40 324	P	P	07 14 55.1	+1.0	
HTL	Hartland	21.48 313	eP	P	07 14 57.0	+0.1	
HTL	comp-Z,143um,10.4s		IAMs_20	IAMs_20	07 25 17.7		
SNART	Snartemo	21.49 341	eP	P	07 14 56.5	-0.5	
SNART	comp-Z,1um,1.5s		eS		07 18 54.4	-0.6	
HPK	Haverah Park	21.49 323	eP	P	07 14 56.2	-0.9	
HPK	comp-Z,81um,27.2s		IAMs_20	IAMs_20	07 24 53.7		
AAL	Aland	21.53 359	eP	P	07 14 55.8	-1.5	
ARNO	Arenosillo	21.55 274	P	P	07 14 56.4	-1.4	
ARNO	comp-Z,1um,1.9s						
PBAR	Barrancos	21.58 277	eP	P	07 14 58.8	+0.6	
PBAR	comp-Z,1um,1.9s						
CCA1	Carmenellis	21.58 311	eP	P	07 14 57.5	-0.5	
CCA1	comp-Z,143um,13.8s		IAMs_20	IAMs_20	07 24 16.5		
PMRV	Marv??o	21.67 281	eP	P	07 14 58.2	-0.9	
PMRV	comp-Z,1um,1.5s						
PMRV	comp-Z,83um,22.0s		eLQ	LQ	07 18 55.5		
PMRV			eLQ	LR	07 20 41.8		
FOEL	Foel Wyifa	21.68 319	eP	P	07 14 58.5	-0.7	
FOEL	comp-Z,127um,17.3s		IAMs_20	IAMs_20	07 25 37.0		
MTE	Manteigas	21.69 283	eP	P	07 14 58.3	-1.1	
MTE	comp-Z,844nm,1.5s						
MTE			eLQ	LQ	07 18 54.5		
MTE			eLQ	LR	07 21 16.3		
MTE	Manteigas	21.69 283	iP	P	07 14 57.0	-2.4	
MTE	Manteigas	21.69 283	P	P	07 14 57.6	-1.8	
MTE	comp-Z,1um,1.5s		IAMB	IAMB	07 15 05.1		
MTE	comp-Z,1um,1.5s		IAMs_20	IAMs_20	07 23 47.3		
PCBR	Castelo Branco	21.69 282	eP	P	07 14 58.2	-1.1	
PCBR	comp-Z,1um,2.1s						
PVRL	Vila Real	21.77 286	eP	P	07 15 01.9	+1.7	
PVRL	comp-Z,508nm,1.9s						
POLO	Lamas de Olo	21.82 286	eP	P	07 15 00.3	-0.5	
POLO	comp-Z,195nm,1.5s						
PESTR	Estremoz	21.90 279	eP	P	07 14 59.9	-1.7	
PESTR	comp-Z,1um,1.8s						
PESTR	Estremoz	21.90 279	iP	P	07 14 59.9	-1.7	
PESTR	Estremoz	21.90 279	P	P	07 14 59.6	-1.9	
PESTR	Estremoz	21.90 279	P	P	07 15 01.8	+0.2	
LLW	Llanwylchlyn	21.90 318	eP	P	07 15 00.8	-0.7	
LLW	comp-Z,262nm,0.6s,baz=155,slow=11,SNR=206				07 14 59.4	-1.8	
HFS	Hagfors	21.91 351	P	P	07 19 01.4	-2.1	
HFS	comp-Z,55nm,1.0s,baz=101,slow=22,SNR=3.2						
HFS	comp-Z,68um,18.6s,baz=174,slow=44		LR	LR	07 26 04.9		
GOLM	Goulmima	21.92 259	P	P	07 15 03.0	+1.0	
PVIS	Viseu	21.93 284	eP	P	07 15 01.5	-0.5	
PVIS	comp-Z,2um,1.6s						
PCAB	Cabril	21.98 287	eP	P	07 15 01.0	-1.5	
PCAB	comp-Z,744nm,1.6s						
PUL	Pulkovo	22.02 13	eP	P	07 15 00.7	-1.9	
PUL	comp-Z,1um,0.7s		pmax	pmax			
PUL							
PUL	Pulkovo	22.02 13c	iP	P	07 14 59.9	-2.7	
PUL	comp-Z,120um,22.0s		MLR	MLR			
RSBS	Rosebush, Pomb	22.05 315	eP	P	07 15 01.7	-1.4	
RSBS	comp-Z,170um,16.5s		IAMs_20	IAMs_20	07 25 19.3		
KONO	Kongsberg	22.12 345c	eP	P	07 15 01.4	-2.3	
KONO	comp-Z,575nm,1.3s		pmax	pmax			
KONO	comp-Z,299um,18.0s		MLR	MLR			
KONO	comp-Z,4um,0.7s						
KONO			eS		07 19 05.6	-1.6	
KONO			IvMs_BB	IvMs_BB	07 26 06.8		
KONO	Kongsberg	22.12 345	iP	P	07 15 01.7	-2.1	
KONO	comp-Z,1um,1.4s		IvMB_BB		07 15 02.4		
KONO	Kongsberg	22.12 345	P	P	07 15 01.5	-2.2	
KONO	comp-Z,1um,1.4s		IAMB	IAMB	07 15 12.1		
PGAV	Gavleira, Arco	22.16 288	eP	P	07 15 02.6	-1.9	
PGAV	comp-Z,631nm,2.2s						
PGAV			eLQ	LQ	07 19 01.5		
PGAV			eLQ	LR	07 22 07.6		
OSL	Oslo	22.17 347	eP	P	07 15 02.6	-1.7	
OSL	comp-Z,14um,1.8s		IvMBBB		07 15 11.6		
OSL	Oslo	22.17 347	P	P	07 15 02.6	+0.6	
OSL	comp-Z,58um,9.9s		IvMs_BB	IvMs_BB	07 25 58.0		
EDMD	Edmundbyers	22.18 324	eP	P	07 15 02.9	-1.5	
EDMD	comp-Z,73um,11.4s		IAMs_20	IAMs_20	07 26 25.1		

2015 NOV

PBEJ	Beja	22.25 277	eP	P	07 15 04.4	-1.0	
PBEJ	comp-Z,682nm,1.8s						
PVAO	Vaqueiros	22.25 276	eP	P	07 15 04.0	-1.4	
PVAO	comp-Z,438nm,1.4s						
PVAO	Vaqueiros	22.25 276	P	P	07 15 02.9	-2.5	
PVAO	Vaqueiros	22.25 276	P	P	07 15 06.3	+0.9	
EVO	Evora	22.27 279	S	S	07 15 02.3	-8.2	
EVO	comp-Z,42um,22.0s						
EVO	Evora	22.27 279	eP	P	07 15 04.1	-1.5	
EVO	comp-Z,853nm,1.4s						
YLL	Llanberis	22.31 318	iP	P	07 15 04.5	-1.3	
COI	Coimbra	22.37 283	P	P	07 15 05.5	-1.1	
COI	comp-Z,2um,1.7s		pmax	pmax			
COI	Coimbra	22.37 283	eP	P	07 15 05.7	-0.9	
COI	comp-Z,120um,19.0s						
COI							

1025

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABKAR Akbulak array, TORO Torodi Ar. Bea, and KOWA Kowa.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDH, UOSS Minazif, and JMDO Jabal Madar.

17d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JMDO Sete Cidades, RBK Rabruk, and KBL Kabul.

17d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MESA, WVT, WVV, WWT, WYV, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRAL, U40A, NACB, etc.

1030

Table with columns for station name, frequency, power, and other technical details. Includes stations like BLOK, NEW, MAJO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like WHTX, T25A, PET01, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PTLT, 003E, SOTA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like FORT, PMSA, ASAR, etc.

NNC 17 07:15.06.2.0.5.0040N.78.95E h0km, mb2.6, mpv2.3, 5C-4D Error ellipse: s-maj=24.9km s-min=4.4km az=65.0, Suspected Mining operation., Eastern Kazakhstan

17d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURKB Kurchatov, MAZK Makanchi, etc.

THE 17 07:18:11.9, 38°69'N:20°65'E, h13km, 1km, ML3.4/6, Error ellipse: s-maj=3.2km s-min=0.6km az=96.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EVGI Lefkada island, NYDR Nydri-Lefkada, etc.

IDC 17 07:19:37.2±1.4, 38°91'N:20°66'E, h0km, mb4.2/7, mb1 4.2/8, mb1mx3.9/48, mbtmp4.2/8, ML3.9/1, Error ellipse: s-maj=31.3km s-min=24.2km az=153.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NYDR Nydri-Lefkada, TSOUKALADES, L, etc.

THE 17 07:19:39.1, 38°68'N:20°61'E, h4km, 3km, ML4.0/4, Error ellipse: s-maj=3.5km s-min=0.6km az=96.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PVO Paravola, NYDR Nydri-Lefkada, etc.

TUL 17 07:23:35.6±1.4, 36°08'N:01°96'87W:0.02, h6km, 5km, ML2.7, ML2.7/34(NEIC), Error ellipse: s-maj=2.1km s-min=1.7km az=115.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QUOK Quoy, QUOK Cody Creek RV, etc.

THE 17 07:18:12.0±0.9, 38°59'N:02°20°59'E:0.05, h12km, 5km, n20, ±0.52/32, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKKFW Oklahoma City, OKKFA Oklahoma City, etc.

IDC 17 07:25:49.5, 38°68'N:20°59'E, h10km, 1km, ML4.2/2, Error ellipse: s-maj=3.6km s-min=1.4km az=258.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LOOK Love County, W39A Magazine, etc.

THE 17 07:25:49.5, 38°68'N:20°56'E, h0km, 3km, ML3.4/7, Error ellipse: s-maj=3.4km s-min=0.8km az=260.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

IDC 17 07:25:48.0±0.8, 38°68'N:02°20°61'E:0.04, h12km, 4km, n34, ±0.99/48, mb3.8/6, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

1032

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAN Janina, ANX Ano Chora, EFP Efpalio, etc.

IDC 17 07:29:51.2, 38°74'N:20°47'E, h0km, mb3.7/9, mb1 3.8/12, mb1mx3.6/55, mbtmp3.7/12, ML3.4/3, Error ellipse: s-maj=23.1km s-min=19.1km az=64.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EVGI Lefkada island, NYDR Nydri-Lefkada, etc.

THE 17 07:29:42.6, 38°64'N:20°56'E, h4km, 2km, ML3.8/6, Error ellipse: s-maj=2.3km s-min=0.6km az=142.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEF4 Livadi, Keph, KEF4 Livadi, etc.

IDC 17 07:29:41.4±0.7, 38°64'N:02°20°54'E:0.03, h14km, 4km, n106, ±1.16/136, mb3.8/9, Greece

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

THE 17 07:29:49.5, 38°68'N:20°56'E, h0km, 3km, ML3.4/7, Error ellipse: s-maj=3.4km s-min=0.8km az=260.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

17d 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TSoukalades, Fiskardo, Lefkada island, etc.

RSPR 17 07:58:15.5, 18.41N, 68.99W, h140km, 1km, MD3.5/13
NEIC 17 07:58:15.7, 1.2, 18.4N, 0.2, 69.00W, 0.08, h138km, 7km,
Error ellipse: s-maj=34.9km s-min=8.8km az=191.0

OSPL 17 07:58:19.0, 0.3, 18.34N, 69.02W, h86km, 53km, ML2.7
ISC 17 07:58:19.1, 1.3, 18.5N, 0.1, 69.37W, 0.05, h134km, n50,
n092/56, 12C-1D, Mona Passage

Main table of station data for 17d 8h, listing station names, coordinates, and seismic data.

IASPEI 17 08:06:23.3, 0.8, 38.61N, 0.02, 20.57E, 0.03, h1km, 5km,
Error ellipse: s-maj=4.5km s-min=2.4km az=96.0, 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, <i>Seism. Res. Let.</i>, 40-42, 465-472,
2009

THE 17 08:06:23.8, 38.63N, 20.52E, h8km, 1km, ML3.1/13, Error
ellipse: s-maj=1.8km s-min=0.3km az=96.0
TIR 17 08:06:23.7, 38.73N, 20.73E, h25km, 2km, Md3.7
ATH 17 08:06:23.9, 38.62N, 20.57E, h12km, 1km, ML3.0/B, Error
ellipse: s-maj=1.6km s-min=0.6km az=290.0

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

2015 NOV

Main table of station data for 2015 NOV, listing station names, coordinates, and seismic data.

IDC 17 08:10:04.2, 1.0, 38.78N, 20.47E, h0km, mb4.0/1.0,
mb1 4.0/1.8, mb1mx3.9/4.8, mbtms3.9/1.8, ML3.6/B, MS4.5/1,
Ms1 4.6/1, ms1mx3.8/7.0, Error ellipse: s-maj=16.9km
s-min=15.3km az=169.0

MOS 17 08:10:04.1, 1.2, 38.57N, 20.24E, h14km, mb4.7/4, Error
ellipse: s-maj=7.5km s-min=3.4km az=81.4

THE 17 08:10:06.2, 38.62N, 20.56E, h8km, 1km, ML4.1/11, Error
ellipse: s-maj=1.1km s-min=0.4km az=106.0

ATH 17 08:10:06.4, 38.63N, 20.59E, h10km, 1km, ML3.9/12, Error
ellipse: s-maj=1.5km s-min=0.7km az=278.0

PDG 17 08:10:08.1, 0.5, 38.74N, 20.40E, h27km, 1km, ML3.7/13,
Error ellipse: s-maj=1.0km s-min=1.0km az=0.0

NEIC 17 08:10:08.3, 2.4, 38.63N, 0.06, 20.44E, 0.07, h2km, 9km,
Error ellipse: s-maj=9.0km s-min=6.8km az=217.0

TIR 17 08:10:08.7, 38.80N, 20.64E, h5km, 4km, Md4.2, M4.2
ISC 17 08:10:09.0, 0.7, 38.64N, 0.01, 20.52E, 0.02, h10km, 4km,
n273, c157/337, mb4.1/15, 15C-1D, Greece

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

1034

Main table of station data for 1034, listing station names, coordinates, and seismic data.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like XOR, FNA, OHR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like RIV, CRES, DOPR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes station codes like MSAI, SWI, WRA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PSZ, STAL, BR21, ANTO, BURAR, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like DAVOX, DAVOX, DAVOX, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SUZ, KIEV, AKASG, etc.

17d 8h

LUNU	comp=Z,90nm,1.0s	17.63 347	i P	P	08 37 47.4	-0.3
PYA1	Pyatigorsk	17.73 651	eP	P	08 37 50.6	+1.6
ONI	Oni	17.80 70	p	P	08 37 51.1	+1.3
ONI				Pmax		
ONI	comp=Z,62nm,1.1s	17.80 70	p	P	08 37 51.1	+1.3
GOF	Gofitskoye	17.89 621	eP	P	08 37 51.5	+0.8
GOF				Pmax		
BLEU	comp=Z,291nm,1.1s	17.92 351	i P	P	08 37 48.0	-2.4
NCK	Blekinge	18.00 671	eP	P	08 37 54.0	+2.0
NCK	Nalchik			Pmax		
VORD	comp=Z,46nm,1.5s	18.04 41	eP	Pn	08 37 51.8	0.0
VORD	Divnogorie			Pmax		
VSR	comp=Z,60nm,1.0s	18.12 40	eP	Pn	08 37 51.3	-1.5
VSR	Storozhevoje			Pmax		
ZEI	comp=Z,40nm,0.8s	18.14 69	eP	P	08 37 56.6	+2.9
ZEI	Tsey			Pmax		
DEL	comp=Z,26nm,1.0s	18.36 348	i P	Pn	08 37 55.0	-0.7
VORR	Delary	18.42 39	eP	P	08 37 55.0	-0.4
VORR	Voronezh			Pmax		
GNI	comp=Z,250nm,1.0s	18.73 78	P	Pn	08 38 01.3	+0.7
GNI	Garni			P		
GNI	comp=Z,1.7nm,0.3s,baz=30,slow=3.9,SNR=6.9	18.73 78	eP	Pn	08 38 02.3	+1.7
GNI	Garni			Pmax		
GNI	comp=Z,45nm,1.0s	18.73 78	P	Pn	08 38 02.2	+1.7
GNI	Garni			S	08 41 32.0	-1.5
GNI	Garni			IAMB	08 38 02.7	+2.1
GNI	Garni			IAMB	08 38 15.6	
TAF	comp=Z,222nm,1.2s	18.80 265	P	Pn	08 38 04.0	+2.6
LPSR	Taforalit	18.87 36	eP	P	08 38 00.3	-1.1
LPSR	Galich ya Gora			Pmax		
FIGM	comp=Z,160nm,0.9s	18.93 256	P	Pn	08 38 05.0	+2.0
ESBB	Figuig	19.03 281	P	P	08 38 02.6	-0.8
ESDC	Sonsecia Array	19.03 281	P	P	08 38 03.6	+0.3
ESDC	Sonsecia Array	19.03 281	P	P		
ESDC	comp=Z,0.7nm,0.3s,baz=75,slow=11,SNR=44			LR	08 44 59.0	
ESDC	comp=Z,2um,19.1s,baz=255,slow=36			P	08 38 02.8	-0.6
ESDC	Sonsecia Array	19.03 281	P	P	08 38 03.3	-0.1
FABU	Falkenberg	19.06 347	i P	Pn	08 38 02.7	+2.2
JBK	Tendera	19.14 260	P	Pn	08 38 10.0	+4.4
TDR	Tendera	19.14 260	P	P	08 38 06.5	-0.3
PAB	San Pablo	19.34 280	P	P		
PAB				Pmax		
PAB	comp=Z,39nm,1.0s	19.34 280	P	P	08 38 06.8	0.0
PAB	San Pablo			P	08 38 06.5	-0.3
JVM	Valle D.L. Mar	19.42 310	eP	P	08 38 07.7	+0.3
VRH	Novokhoporsky	19.44 43	eP	P	08 38 08.1	+0.4
VRH				Pmax		
ONAU	comp=Z,100nm,0.7s	19.58 346	eP	P	08 38 09.4	+0.3
BORU	Onsala	19.65 347	i P	P	08 38 10.1	+0.2
OBN	Obninsk	19.67 28	P	P	08 38 08.8	-1.4
OBN	comp=Z,1.0nm,0.3s,baz=203,slow=7.2,SNR=16			P	08 38 09.1	-1.0
OBN	Obninsk	19.67 28	eP	P		
OBN	comp=Z,1.65nm,1.3s			MLR		
OBN	Obninsk	19.67 28	P	P	08 38 09.1	-1.0
OBN	Obninsk			IAMB	08 38 19.0	
DDFL	comp=Z,167nm,1.1s	19.74 74	P	Pn	08 38 16.8	+4.3
ROSF	Dedoflistskaro	19.74 307	P	P	08 38 10.7	-0.2
ROSF	Rostrene			Pmax		
LGD	comp=Z,119nm,1.3s	19.83 73	P	Pn	08 38 16.4	+2.8
MTSE	Lagodekhi	20.07 15	eP	P	08 38 15.7	+0.2
VSU	Matsula	20.21 9	eP	P	08 38 15.1	-0.8
VSU	Vasula	20.21 9	eP	P	08 38 14.7	-1.2
VSU	Vasula			Pmax		
VSU	comp=Z,1um,0.9s	20.21 9	↑P	P	08 38 14.9	-1.0
TJOU	Vasula	20.23 346	↑P	P	08 38 16.0	-0.2
MOS	Tjoern	20.24 28	eP	P	08 38 17.5	-2.0
MOS	Moscow			S	08 42 05.8	-3.3
MOS				Pmax		
MOS	comp=Z,700nm,2.0s			Pmax		
MOS	comp=Z,301nm,1.5s	20.58 317	eP	P	08 38 20.5	+0.5
STRD	Stroud			IAMB	08 38 24.5	
STRD	comp=Z,519nm,1.3s	20.58 273	P	P	08 38 20.0	-0.3
LLJA	Ljkar	20.80 70	eP	Pn	08 38 24.8	-0.1
MAK	Makhachkala			S	08 42 19.2	-0.4
MAK				Pmax		
MAK	comp=Z,1um,1.2s			MLR		
CHEFC	comp=Z,2um,17.0s	21.00 268	P	Pn	08 38 29.0	+1.5
PBRG	Chefchaouen	21.05 287	eP	P	08 38 26.1	+0.8
LCRM	Braganca			P	08 38 31.0	+5.1
LCRM	comp=Z,73nm,1.9s	21.09 264	P	P	08 38 25.2	-0.9
HOMBS	LOR	21.12 342	eP	P	08 38 26.6	+0.5
HOMBS	Homborsund	21.14 317	eP	P	08 38 27.7	+0.5
MCH1	Michaelchurch	21.14 317	↑P	P		
MCH1	Michaelchurch	21.12 262	↑P	P		
MDT	Midelt			P	08 38 26.9	-0.3
LBWR	comp=Z,7.6nm,0.9s,baz=76,slow=7.0,SNR=14	21.24 321	eP	P	08 38 28.2	
LBWR	Ladybower, Pea			IAMB		
STRU	comp=Z,388nm,1.3s	21.25 347	i P	P	08 38 26.2	-1.0
MVO	Stroemstad	21.28 285	eP	P	08 38 28.4	+0.6
UPP	comp=Z,32nm,1.6s	21.29 356	eP	P	08 38 29.9	+0.7
STNC	Uppsala	21.30 320	eP	P	08 38 27.9	+0.1
STNC	Stoke			IAMB		
HLM1	comp=Z,424nm,1.2s	21.34 318	eP	P	08 38 28.1	-0.2
HLM1	Long Mynd			IAMB	08 38 33.7	
SNART	comp=Z,214nm,1.3s	21.50 341	eP	P	08 38 29.7	-0.2
HPK	Snartemo	21.51 323	eP	P	08 38 29.3	-0.8
AAL	Haverhav Park	21.51 359	eP	P	08 38 29.0	-1.2
PBAR	Aland	21.61 277	eP	P	08 38 31.2	0.0
PBAR	Barrancos			P	08 38 31.7	-0.5
PMRV	comp=Z,166nm,2.0s	21.70 281	eP	P		
PMRV	Marv??o			P	08 38 32.3	+0.1
FOEL	comp=Z,177nm,1.8s	21.70 319	eP	P	08 38 33.5	
FOEL	Foel Wylfa			IAMB		
MTE	comp=Z,323nm,1.2s	21.71 283	eP	P	08 38 32.3	-0.2
MTE	Manteigas			P	08 38 32.2	-0.2
MTE	comp=Z,32nm,1.7s	21.71 283	↑P	P	08 38 31.8	-0.7
MTE	Manteigas			P	08 38 33.1	-1.4
HFS	Hagfors	21.92 351	P	P		
PESTR	comp=Z,37nm,0.5s,baz=169,slow=12,SNR=64	21.92 279	eP	P	08 38 33.5	-1.1
PESTR	Estremoz			P	08 38 33.5	-1.1
PESTR	comp=Z,119nm,1.8s	21.92 279	↑P	P	08 38 33.5	-1.1
PESTR	Estremoz			P	08 38 40.0	+5.0
GOLM	Goulmima	21.94 259	P	P	08 38 33.1	-2.3
PUL	Pulkovo	22.02 13	eP	P	08 38 33.7	-1.7
PUL	Pulkovo	22.02 13	eP	P		
PUL	comp=Z,682nm,1.3s			Pmax		
RSBS	comp=Z,294nm,1.7s	22.07 315	eP	P	08 38 34.8	-1.3
RSBS	Rosebush, Pemb			IAMB	08 38 35.9	
KONO	comp=Z,223nm,1.5s	22.13 345	dP	P	08 38 35.5	-1.2
KONO	Kongsberg			Pmax		
KONO	comp=Z,294nm,1.7s	22.13 345	eP	P	08 38 36.0	-0.7
KONO	Kongsberg			P	08 38 35.6	-1.0
OSL	Oslo	22.18 347	eP	P	08 38 36.2	-1.3
EDMD	Edmundsbyrd	22.20 324	eP	P	08 38 36.2	-1.2
EDMD				IAMB	08 38 40.0	
PVAO	comp=Z,644nm,1.8s	22.28 276	eP	P	08 38 37.2	-1.3
PVAO	Vaqueiros			P	08 38 37.9	-0.6
PVAO	comp=Z,57nm,1.8s	22.28 276	eP	P	08 38 37.5	-1.2
PVAO	Vaqueiros			P		
EVO	Evora	22.30 279	eP	P		
EVO				Pmax		
EVO	comp=Z,100nm,1.5s			P		

2015 NOV

YLL	Llanberis	22.33 318	eP	P	08 38 38.4	-0.5
PMTG	Montargil	22.38 280	eP	P	08 38 38.0	-1.6
COI	Coimbra	22.39 283	P	Pmax	08 38 39.1	-0.6
COI				P		
COI	comp=Z,101nm,1.3s	22.39 283	P	P	08 38 39.1	-0.6
COI	Coimbra			IAMB	08 38 40.2	
PCAS	comp=Z,101nm,1.2s	22.47 283	eP	P	08 38 40.4	-0.2
PCAS	Casimio, Conde			P	08 38 42.0	+1.3
PBDV	Barranco-do-Ve	22.48 275	eP	P	08 38 42.0	+1.3
PCVE	comp=Z,72nm,1.5s	22.48 275	eP	P	08 38 39.0	-1.7
PCVE	Castro Verde			P	08 38 39.9	-2.0
WLF1	comp=Z,56nm,1.5s	22.52 319	eP	P	08 38 41.2	-0.6
MESJ	Lynfaes	22.58 277	eP	P	08 38 46.0	
MESJ	Messejana			IAMB		
MESJ	Messejana	22.58 277	eP	P	08 38 41.1	-0.6
KESW	comp=Z,77nm,1.4s	22.59 323	eP	P	08 38 40.8	-0.9
KESW	Keswick, Cumb			IAMB	08 38 42.9	
YRC	comp=Z,603nm,1.3s	22.60 318	eP	P	08 38 41.8	+0.1
BLSS	Rhoscolyn	22.60 318	eP	P	08 38 41.8	+0.1
PNCL	Blasio	22.64 341	eP	P	08 38 42.9	-0.8
PNCL	Nicolau / Gran	22.77 278	eP	P		
KMY	comp=Z,136nm,1.4s	22.78 339	eP	P	08 38 43.5	-0.1
NC602	NORSAR Array S	22.80 349	eP	P	08 38 42.4	-1.5
NC602	NORSAR Array S	22.80 349	eP	P	08 38 41.7	-2.1
NORES	NORSAR Array B	22.80 349	eP	P	08 38 42.2	-1.6
NORES				Pmax		
NORES				Pmax		
TZRR	comp=Z,19nm,0.7s	22.82 258	P	P	08 38 48.0	+3.6
NAD01	Tazzarine	22.81 348	P	P	08 38 44.5	-1.6
ODDI	NORSAR Array S	23.03 342	eP	P	08 38 46.2	-0.0
EKA	Odda	23.05 324	eP	P	08 38 45.8	-0.6
EKA	Eskdalemuir Ar	23.05 324	eP	P	08 38 45.8	-0.6
EKA	comp=Z,255nm,0.9s,baz=122,slow=11,SNR=226			PcP	08 42 35.6	+0.1
FINES	comp=Z,2.7nm,0.7s,baz=75,slow=3.7,SNR=3.6			P	08 38 44.4	-2.1
FINES	FINES Array B	23.05 7	P	P	08 42 35.3	0.0
FINES	comp=Z,322nm,1.0s,baz=167,slow=9.0,SNR=91			PcP	08 42 35.3	0.0
FINES	FINES Array B	23.05 7	P	P	08 42 35.3	0.0
FINES	comp=Z,8.5nm,0.9s,b					

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MBAR, SGDS, KBS, AAK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SFJD, WMQ, TULEG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LONY, XAN, BINY, etc.

17d 8h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TMAB, I29M, BLA, ULM, MDJ, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like M26K, WAT1, PPLA, WAT6, TTA, etc.

1040

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WHAR, BDFB, BDFB, W41B, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ANMO Albuquerque, PBKI Pangkalan Bun, M04C Macdoel, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like IDC 17 08:58:21.3, IDC 17 08:58:23.1, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like IDC 17 09:02:12.4, TIR 17 09:02:13.9, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like FSK Fiskardo, FSK Fiskardo, EVGI Lefkada island, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KEF4 Livadi, KEF4 Livadi, KEF4 Livadi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KBN baz=5.0, SCTE Santa Cesarea, SCTE Santa Cesarea, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Grand Be, PML, MDN, Fort de France, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, KURBB, MKAR.

ATH 17 10:09:35.6, 34.34N-22.12E, h10km, mbl3.2/2, Error ellipse: s-maj=31.6km s-min=2.4km az=0.0

THE 17 10:09:44.8, 34.61N-22.38E, h30km, mbl3.2/3, Error ellipse: s-maj=13.6km s-min=1.6km az=214.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GVD, ANKY, IMMV, KTHA, VAM, VLI, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KARATAY ARRAY, AAK, MK31, etc.

IDC 17 10:09:55.0-1.7, 5.73S-131.07E, h0km, mb4.0/1, mbl3.6/3, mblmx3.4/4.5, mblmp3.5/3, ML3.4/2, Error ellipse: s-maj=109.1km s-min=11.5km az=71.0, Banda Sea

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

IDC 17 10:15:50.8, 0.9, 37.23N-137.24E, h270km, 10km, mbl3.4/8, mbl3.6/13, mblmx3.3/5.5, mblmp4.2/13, Error ellipse: s-maj=22.5km s-min=10.9km az=72.0

JMA 17 10:15:51.2, 0.1, 37.11N-137.18E, h268km, 1km, M3.7, Error ellipse: s-maj=11.0km s-min=1.0km az=113.0

ISC 17 10:15:50.9, 0.6, 37.13N-105.137.12E, h0.05, h89km, 5km, n89, c074/105, mb4.0/21, 5C-5D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JJH, JJH, JSZ, JSZ, Matsu-Tunnel, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KARATAY ARRAY, COEN, NIL, GAR, etc.

AEIC 17 10:17:19.1-1.2, 62.53N-0.03, 151.26W-0.07, h86km, 4km, ML3.2, mbl3.6/1(NEIC), ML3.4/156(NEIC), Error ellipse: s-maj=4.8km s-min=4.4km az=73.0

ISC 17 10:17:19.6-1.0, 62.54N-0.03, 151.23W-0.03, h89km, 7km, n250, c063/230, Central Alaska

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

17d 10h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BPAW, MCK, M19K, etc.

2015 NOV

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HOM, P19K, P19K, etc.

1044

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DAWY, BM03, BMAR, etc.

1045

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BILB, CHGN, SVWZ, TTA, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MCARA, ISLE, M27K, L27K, etc.

17d 10h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KURK, SUMG, MSU, MK31, etc.

17d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WWT Waverly, N54A Moraine State, L56A Greenwood, etc.

2015 NOV

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

1046

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLV comp=E,2080um,1.1s, KLV comp=N,2460um,0.8s, etc.

17d 11h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like PAVA Las Pavas, COEG Centro de Oper, TUIG Tuzandepet, etc.

2015 NOV

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CPCT comp=Z,12nm,0.8s, BG3 Lake Jocassee, JSC comp=Z,13nm,0.9s, etc.

1048

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like ETMB Extrema, J08A Circle Bar Ran, BMO Blue Mountains, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, BRVK Borovoye, CHGR Chuyangaron, etc.

JMA 17 11:56:02.0-0.5,3128N-128.75E,h9km,5km,M2.8, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSJ Shimokoshiki, JFU Fukue jima 2, JSU Suzuyama, etc.

BEO 17 11:57:23.6-1.0,38.58N-20.23E,h0km,ML4.4/10

TIR 17 11:57:23.4,38.64N,20.66E,h6km,6km,ML4.8
IDC 17 11:57:23.8,38.76N,20.60E,h0km,mb4.3/31,

mb1.4,3/42,mb1mx4.3/52,mbtmp4.3/42,ML4.0/10,
MS3.9/38,Ms1.3,9/38,ms1mx3.9/66,Error ellipse:

s-maj=10.0km s-min=9.6km az=110.0
MOS 17 11:57:24.5,1.1,38.68N-20.39E,h17km,mb5.0/33,Error

ellipse: s-maj=4.7km s-min=2.6km az=78.2
PDG 17 11:57:25.1,0.9,38.71N-20.46E,h11km,1km,MD5.3/1,

ML4.0/12,Error ellipse: s-maj=1.0km s-min=1.3km az=0.0
ATH 17 11:57:25.1,38.70N-20.61E,h10km,ML4.4/24,Error

ellipse: s-maj=1.1km s-min=0.7km az=286.0
MED_RC 17 11:57:25.0,0.5,38.65N-20.49E,h19km,1km,MW4.7/25,

Moment Tensor Solution,Mantle waves: s25,c39;
Duration: 1s0 Moment tensor: Scale 1019N;

Mn:0.06±.10; Mw:1.31±.07; Ms:1.37±.07; Mo:0.04±.10;
Mw:0.18±.06; Mr:0.11±.10; Best double couple:

M1:3.6000x1016 Np1:0.41.000000,0.886.000000,
λ-178.000000. NP2:0.311.000000,0.888.000000,
λ-4.000000. Principal axes: T 1.3200,Plg1.0000,

Azm356.0000°/N 0.0600,Plg85.0000°,Azml 104.0000°/P
-1.3900,Plg5.0000°,Azm266.0000°,nsta1 refers to body

waves,c35 refers to surface waves,cutoff=3s5
UPSL 17 11:57:25.0,38.66N-20.54E,h5km,MW4.5,Moment

Tensor Solution. s8 Moment tensor: Mr-1.79; Mw:6.07;
Mw:4.28; Ms:2.05; Ms:5.14; Mo:0.82; Fault plane

solution: NP1:0.203.000000,0.871.000000,λ-174.000000.
NP2:0.111.000000,0.884.000000,λ-19.000000.

THE 17 11:57:25.1,38.71N-20.60E,h9km,1km,ML4.5/8 Error

ellipse: s-maj=1.5km s-min=0.5km az=87.0
NEIC 17 11:57:26.1,2.0,38.712N-20.006E,20.51E,0.06,

h10km,1km,Error ellipse: s-maj=8.4km s-min=2.9km
az=272.0

ISC 17 11:57:25.4,0.6,38.89N-0.01,20.58E,0.02,h8km,3km,

n540,e152/601,mb4.7/80,MS3.9/32,41C-22D,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NYDR Nydri-Lefkada, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NYDR Nydri-Lefkada, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DMLN Damouliana-K, VLS Valsamata, etc.

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

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

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

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

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

Table with columns: Name, Time, Date, Location, and other details. Includes entries like PLVB Plevan, BALB Balikesir, CORL Corleone, etc.

Table with columns: Name, Time, Date, Location, and other details. Includes entries like KRUC Moravsky, KRUC Moravsky, KRUC Valderalm, etc.

Table with columns: Name, Time, Date, Location, and other details. Includes entries like KBZ Khabaz, KBZ Khabaz, KBZ Khabaz, etc.

17d 12h

Table with columns: ARU, Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Schefferville, Tiksi, Songoing Array, etc.

2015 NOV

Table with columns: ARU, Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Schefferville, Tiksi, Songoing Array, etc.

1052

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Lefkada island, Nydri-Lefkada, Fiskardo, etc.

ATH 17 12:08:22.5, 38.72N, 20.60E, h9km, 2km, ML3.5/5, Error ellipse: s-maj=2.4km s-min=1.1km az=114.0
THE 17 12:08:22.7, 38.71N, 20.60E, h8km, 2km, ML3.4/7, Error ellipse: s-maj=2.4km s-min=0.6km az=92.0
BEO 17 12:08:24.3, 38.82N, 20.23E, h0km, ML3.3/4
ISC 17 12:08:22.3, 38.93N, 20.02E, 20.56E, 0.04, h7km, 7km,

ITM	Ithomi	1.88 144	Pn	12 11 04.2 -0.1
KBN	Korca	1.92 5	Pn	12 11 06.9 -0.3
VLO	Vlorë	1.93 335	Pn	12 11 05.9 +0.9
SCTE	Santa Cesarea	2.11 311	Pn	12 11 09.7 +0.8
FNA	Florina	2.16 17	Pn	12 11 07.1 +0.3
OHR	Ohrid	2.40 4	Pn	12 11 14.1 +2.5
OHR	Ohrid	2.40 4	eSn	12 11 44.2 -1.0
OHR	Ohrid	2.40 4	iPn	12 11 14.1 +2.5
TIR	Tirane	2.68 349	IP	12 11 17.6 +2.2
TIR	Tirane	2.68 349	ePn	12 11 17.8 +2.4
TIR	Tirane	2.68 349	eSn	12 11 49.8 +1.8
TIP	Tipogrande	2.99 280	Pn	12 11 19.9 +0.2
VAY	Valandovo	3.03 30	eSn	12 11 24.3 -1.8
VAY	Valandovo	3.03 30	ePn	12 12 00.9 +2.3
VAY	Valandovo	3.03 30	ePn	12 11 27.7 +1.7
STIP	Stip	3.23 22	Pn	12 11 26.7 -2.7
STIP	Stip	3.54 304	IP	12 11 53.6 +1.4
DRME	Dracevica, Mon	3.62 344	ePn	12 11 28.7 +0.4
CEL	Celeste	3.66 264	Pn	12 11 28.3 -0.9
PDG	Podgorica	3.84 346	IP	12 11 32.8 +1.6
PDG	Podgorica	3.84 346	eSn	12 11 32.6 +1.3
PDG	Podgorica	3.84 346	eSn	12 12 16.5 -0.1
PDG	Podgorica	3.84 346	Pn	12 11 32.1 +0.8
PDG	Podgorica	3.84 346	Pn	12 11 32.4 +1.1
PRVS	Prvonek	3.96 17	ePn	12 11 36.9 +3.9
PRVS	Prvonek	4.04 338	eSn	12 12 20.5 -1.2
HCY	Herceg Novi	4.05 21	ePn	12 11 32.8 -1.2
BOSS	Bošilegrad	4.04 338	ePn	12 11 33.4 -0.7
BOSS	Bošilegrad	4.04 338	eSn	12 12 21.1 +0.2
BARS	Barje	4.21 13	ePn	12 11 38.4 +2.0
BARS	Barje	4.21 13	eSn	12 12 24.9 -0.8
TREB	Trebinje	4.33 338	ePn	12 11 37.4 -0.7
TREB	Trebinje	4.33 338	ePn	12 11 37.4 -0.7
TREB	Trebinje	4.33 338	ePn	12 11 37.1 -1.0
VTS	Vitoshka	4.40 27	ePn	12 11 42.5 +3.4
VTS	Vitoshka	4.40 27	eSn	12 12 33.4 +2.7
VTS	Vitoshka	4.40 27	Pn	12 11 40.7 +1.5
BRY	Bratogost	4.45 341	ePn	12 11 39.5 -0.3
SELS	Selva	4.52 341	ePn	12 11 39.5 -0.3
STON	Ston	4.68 333	ePn	12 11 42.6 -0.2
STON	Ston	4.68 333	eSn	12 12 34.6 -2.7
STON	Ston	4.68 333	ePn	12 11 41.7 -1.1
STON	Ston	4.68 333	ePn	12 11 41.5 -1.3
STON	Ston	4.68 333	ePn	12 12 33.9 -3.4
SGT	San Geronimi	4.76 61	eSn	12 11 43.5 +0.5
SGT	San Geronimi	4.77 311	Pn	12 11 44.5 +0.4
BOVS	Bovan	4.99 10	IP	12 11 47.5 +0.4
BOVS	Bovan	4.99 10	ePn	12 11 48.7 +1.6
RAPP	Rafko Rosso	5.11 255	Pn	12 11 47.9 -0.8
PAOL	Paoluri	5.15 299	Pn	12 11 49.1 -0.7
GRUZ	Gruza	5.17 1	ePn	12 11 51.0 +1.4
GRUZ	Gruza	5.17 1	eSn	12 12 49.5 +0.1
BBLB	Lazići	5.22 351	ePn	12 11 50.0 -0.3
ZAKS	Zajcar	5.25 13	ePn	12 11 53.1 +2.5
MAGS	Makarska	5.29 331	ePn	12 11 50.7 -0.4
DIVS	Divibare	5.39 356	ePn	12 11 53.6 +0.6
DIVS	Divibare	5.39 356	eSn	12 12 52.8 -2.3
DIVS	Divibare	5.39 356	ePn	12 11 52.7 0.0
DIVS	Divibare	5.39 356	Pn	12 11 52.3 -0.4
RICI	Ricice	5.43 333	ePn	12 11 52.6 -0.5
RICI	Ricice	5.43 333	eSn	12 12 52.6 -0.5
HVAR	Hvar	5.43 326	ePn	12 11 52.4 -3.3
HAPS	Han Pijesak, BI	5.50 348	ePn	12 11 55.7 +1.5
BALK	Balikesir	5.77 78	Pn	12 11 58.9 +1.1
TEKS	Tekle	5.88 353	ePn	12 11 57.5 -1.8
KUV	Kijevo	6.14 331	ePn	12 12 02.7 -0.1
ZIRJ	Zirje	6.17 325	ePn	12 12 02.5 -0.7
MORI	Morici	6.31 326	iPn	12 12 05.3 +0.1
FRGS	Fruska Gora	6.46 355	ePn	12 12 08.2 +0.9
FRGS	Fruska Gora	6.46 355	ePn	12 12 07.5 +0.2
BLY	Banja Luka	6.53 338	ePn	12 12 04.0 -3.3
DUGI	Dugi Otok	6.70 324	ePn	12 12 10.3 -0.2
STAL	Stalac	6.71 325	ePn	12 12 10.2 -0.4
NLCA	Norcia	6.98 308	Pn	12 12 15.5 +0.9
PRIT	Plitvice	7.17 331	ePn	12 12 17.6 +0.5
NVLJ	Novajla	7.23 326	ePn	12 12 17.6 -0.1
RABC	Rab	7.41 326	ePn	12 12 20.5 +0.2
WDIR	Ward	7.50 25	IP	12 12 27.9 +6.3
MLR	Muntele Rosu	7.87 29	Pn	12 12 27.3 +0.6
MLR	Muntele Rosu	7.87 29	ePn	12 12 27.3 +0.6
RIY	Rijeka	8.00 328	ePn	12 12 28.1 -0.3
BRUN	Brijuni	8.00 323	ePn	12 12 27.2 -1.1
PLOR	Plotina	8.44 30	IP	12 12 41.7 +7.2
STAL	Stalac	8.44 30	IP	12 12 41.7 +7.2
ZOU	Zoupljan	9.62 327	Pn	12 12 52.0 +1.3
VRAC	Vranov	10.96 346	LR	12 12 25.7

1.6nm,0.7s,baz=199,slow=7.6,SNR=1.2	FINES	FINES Array B	47.12 24	P	12 31 30.7 -0.7
10nm,1.1s,baz=224,slow=7.8,SNR=2.4	MKAR	Makanchi Array	77.05 45	P	12 34 52.9 +0.1
0.3nm,0.6s,baz=295,slow=4.1,SNR=4.6	TXAR	Lajitas Array	80.54 298	P	12 35 12.3 0.0
0.3nm,0.7s,baz=64,slow=4.1,SNR=2.7	WRA	Warramunga Arr	148.79 92	PKIKP	12 42 49.5 +0.2
0.4nm,0.6s,baz=292,slow=2.7,SNR=5.7	ASAR	Allice Springs	148.87 99	PKIKP	12 42 50.0 +0.6
0.5nm,0.6s,baz=293,slow=1.9,SNR=16					

TIR 17 12:37:50.0, 38°57'N-20°40'E, h0km, 45km, M15.0
 THE 17 12:37:54.6, 38°72'N-20°58'E, h8km, 1km, M14.5/5, Error ellipse: s-maj=1.7km s-min=0.5km az=92.0
 MOS 17 12:37:54.6, 38°72'N-20°35'E, h17km, mb5.1/32, MS4.3/9, Error ellipse: s-maj=4.4km s-min=2.6km az=77.7
 BEO 17 12:37:54.2, 0.6, 38°37'N-20°24'E, h35km, 6km, M14.6/10
 IDC 17 12:37:54.2, 0.5, 38°79'N-20°60'E, h0km, mb4.3/34, mb4.4/48, mb1mx4.3/61, mbtmp4.3/48, M14.1/14, MS4.1/44, Ms1 4.2/44, ms1mx4.0/67, Error ellipse: s-maj=9.9km s-min=9.5km az=74.0
 IASPEI 17 12:37:55.1, 0.8, 38°70'N-02°02'62E, 0.03, h7km, 5km, mb4.7/86, MS4.2/33, Error ellipse: s-maj=3.8km s-min=2.2km az=101.4, 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 studies. <- Seism. Res. Let. <-> <-b>80<-> <-b>46<-> 472, 2009
 NEIC 17 12:37:56.0, 2.2, 38°68'N-01°04'20'E, 0.06, h10km, 1km, mb4.8/83, M14.5(ATH), M14.5(TH), Error ellipse: s-maj=7.9km s-min=5.8km az=75.0
 HLW 17 12:37:55.0, 39°02'N-21°44'E, h2km, 33km, M15.6
 ATH 17 12:37:56.0, 38°70'N-20°65'E, h5km, 2km, M14.5/4, Error ellipse: s-maj=2.3km s-min=0.7km az=294.0
 UPSL 17 12:37:56.0, 38°70'N-20°58'E, h5km, Mw4.7, Moment Tensor Solution. s7 Moment tensor: M=0.18; M=1.00; M=1.18; M=0.68; M=0.89; M=0.13; Fault plane solution: NP1₃=297.00000⁰, ₂=82.00000⁰, ₁=26.00000⁰. NP2₃=204.00000⁰, ₂=64.00000⁰, ₁=171.00000⁰. GCMT 17 12:37:56.0, 0.3, 38°60'N-02°20'52E, 0.02, h16km, 1km, MW4.9/93, Moment Tensor Solution. s14,c16; s9,c12; Duration: 0 Moment tensor: Scale 1019Nm; Mr0.16t.11; M=0.234t.10; M=0.250t.11; M=0.16t.30; M=0.107t.10; M=0.76t.34; Best double couple: M=2.74400⁰1016 NP1₃=122.00000⁰, ₂=80.00000⁰, ₁=10.00000⁰. NP2: ₂=214.00000⁰, ₁=80.00000⁰, ₁=170.00000⁰. Principal axes: T 2.5660, Plg0.0000, Azm348.0000; N 0.3560, Plg76.0000, Azm258.0000; P -2.9210, Plg14.0000, Azm78.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rate function
 MED_RC 17 12:37:56.0, 0.4, 38°79'N-20°53'E, h10km, MW4.8/29, Moment Tensor Solution.Mantle waves: s29,c45; Duration: 1s1 Moment tensor: Scale 1019Nm; M=0.24t.08; M=0.193t.06; M=0.217t.06; M=0.11t.24; M=0.74t.07; M=0.03t.30; Best double couple: M=2.18000⁰1016 NP1₃=125.00000⁰, ₂=87.00000⁰, ₁=2.00000⁰. NP2: ₃=35.00000⁰, ₂=88.00000⁰, ₁=177.00000⁰. Principal axes: T 2.0700, Plg4.0000, Azm350.0000; N 0.2300, Plg86.0000, Azm175.0000; P -2.3000, Plg0.0000, Azm80.0000; nst1a refers to body waves. nst2a refers to surface waves, cutoff=35s
 PDG 17 12:37:57.1, 0.6, 38°88'N-20°38'E, h16km, 1km, MD4.8/3, M14.8/12 Error ellipse: s-maj=1.0km s-min=1.1km az=80.0
 ISC 17 12:37:55.0, 0.5, 38°70'N-01°20'60E, 0.02, h9km, 2km, n603, ₁=1971/689, mb4.7/86, MS4.2/33, 84C-66D, Fault plane solution: NP1₃=116.28499⁰, ₂=862.53023⁰, ₁=14.02912⁰. NP2: ₃=19.71013⁰, ₂=877.95756⁰, ₁=151.81401⁰. Principal axes: T Plg28.5719, Azm334.9194; N Plg59.4054, Azm177.8413; P Plg10.0256, Azm70.4441; Greece Code | Station Name | Δ° AZ° | Phase ID | Time Res || | NYDR | Nydri-Lefkada | 0.08 76 | P | 12 37 56.4 -1.2 |
	NYDR	Nydri-Lefkada	0.08 76	P	12 37 56.5 -1.1
	NYDR	Nydri-Lefkada	0.08 76	S	12 37 58.1 -1.0
	NYDR	Nydri-Lefkada	0.08 76	P	12 37 56.4 -1.2
	EVGI	Lefkada island	0.09 150	S	12 37 59.0 -0.3
	EVGI	Lefkada island	0.09 150	P	12 37 57.7 0.0
	EVGI	Lefkada island	0.09 150	S	12 37 59.8 +0.5
	EVGI	Lefkada island	0.09 150	P	12 37 57.0 -0.7
	EVGI	Lefkada island	0.09 150	S	12 37 59.0 -0.3
	LKD2	Lefkada island	0.10 25	P	12 37 56.8 -1.2
	LKD2	Lefkada island	0.10 25	P	12 37 57.4 -0.6
	LKD2	Lefkada island	0.10 25	S	12 37 59.4 -0.4
	LKD2	Lefkada island	0.10 25	P	12 37 56.8 -1.2
	LKD2	Lefkada island	0.10 25	P	12 37 59.8 -1.2
	LKD2	Lefkada island	0.10 25	P	12 37 56.8 -1.2
	LKD2	Lefkada island	0.10 25	S	12 37 59.8 0.0
	FSK	Fiskardo	0.24 188	P	12 37 59.9 -0.3
	FSK	Fiskardo	0.24 188	S	12 38 03.7 +0.2
	FSK	Fiskardo	0.24 188	P	12 37 60.0 -0.3
	FSK	Fiskardo	0.24 188	S	12 38 05.1 +1.6
	FSK	Fiskardo	0.24 188	AML	12 38 13.3
	FSK	Fiskardo	0.24 188	P	12 37 59.9 -0.3
	FSK	Fiskardo	0.24 188	P	12 38 03.7 +0.2
	KEF4	Livadi, Kephal	0.46 198	P	12 38 03.3 -1.1
	KEF4	Livadi, Kephal	0.46 198	P	12 38 04.7 +0.4
	KEF4	Livadi, Kephal	0.46 198	S	12 38 05.0 -0.7
	KEF4	Livadi, Kephal	0.46 198	P	12 38 03.3 -1.1
	DMLN	Damouliantata-K	0.49 202	P	12 38 04.2 -0.8
	DMLN	Damouliantata-K	0.49 202	S	12 38 12.2 +0.8
	DMLN	Damouliantata-K	0.49 202	P	12 38 05.6 -0.6
	DMLN	Damouliantata-K	0.49 202	S	12 38 12.8 -0.8
	DMLN	Damouliantata-K	0.49 202	P	12 38 04.2 -0.8
	DMLN	Damouliantata-K	0.49 202	S	12 38 12.2 +0.8
	LXRA	Lixouri, Kepha	0.51 195	P	12 38 05.3 0.0
	LXRA	Lixouri, Kepha	0.51 195	S	12 38 14.0 -0.2
	VLS	Valsamata	0.52 181	P	12 38 05.2 -0.3
	VLS	Valsamata	0.52 181	P	12 38 05.3 -0.1
	VLS	Valsamata	0.52 181	S	12 38 13.3 -1.0
	VLS	Valsamata	0.52 181	AML	12 38 13.3
	VLS	Valsamata	0.52 181	P	12 38 05.2 -0.3
	VLS	Valsamata	0.52 181	P	12 38 12.9 +0.6
	VLS	Valsamata	0.52 181	S	12 38 05.0 -1.2
	VLS	Valsamata	0.52 181	P	12 38 12.9 +0.6
	ARGA	Argostoli, Kep	0.53 191	P	12 38 06.7 -0.2
	ARGA	Argostoli, Kep	0.53 191	P	12 38 14.7 +0.2
	KEF3	Kipouria, Keph	0.53 202	P	12 38 04.2 -1.5
	KEF3	Kipouria, Keph	0.53 202	S	12 38 13.0 +0.3
	KEF3	Kipouria, Keph	0.53 202	P	12 38 05.5 -0.2
	KEF3	Kipouria, Keph	0.53 202	P	12 38 14.3 -0.4
	KEF3	Kipouria, Keph	0.53 202	P	12 38 04.2 -1.5
	KEF3	Kipouria, Keph	0.53 202	S	12 38 13.0 +0.3
	PSDA	Pessada-Kefalo	0.58 181	P	12 38 06.7 -0.2
	PSDA	Pessada-Kefalo	0.58 181	P	12 38 06.7 -0.2
	PSDA	Pessada-Kefalo	0.58 181	S	12 38 16.1 0.0
	DSL	Palaion Diasel	0.58 41	P	12 38 07.5 -0.4
	DSL	Palaion Diasel	0.58 41	S	12 38 14.3 -0.1
	PVO	Paravola	0.73 96	P	12 38 09.0 -0.1
	PVO	Paravola	0.73 96	S	12 38 19.9 -0.2
	PVO	Paravola	0.73 96	S	12 38 18.1 -0.8
	PVO	Paravola	0.73 96	AML	12 38 26.4
	PVO	Paravola	0.73 96	AML	12 38 26.6
	IGT	Igoumenitsa	0.86 346	P	12 38 12.0 0.0
	IGT	Igoumenitsa	0.86 346	S	12 38 24.2 -0.2
	IGT	Igoumenitsa	0.86 346	AML	12 38 29.5
	IGT	Igoumenitsa	0.86 346	AML	12 38 29.8

comp=E.60267um,0.5s	IGT	Igou
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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EZN, SJES, SLES, PLD, UPM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OBKA, ZCCA, ZPSC, PSZ, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GAZ, MMAL, NBNS, AKASG, etc.

17d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BBB Bella Bella, MAT Matushiro, MJAR Matushiro Arr, etc.

DJA 17 12:46:39.3; 1.2, 8'S; 8.12x12.3E; h209km; 16km, M3.4/7, MLV3.4/7
IDC 17 12:46:43.8; 1.4, 8.51S; 122.37E; h190km; 10km, mb3.4/1, mb1.3.4/5, mb1mx3.0/33, mbtmp3.9/5, MS3.9/2, Ms1.3.9/2, ms1mx3.1/23, Error ellipse: s-maj=100.6km s-min=14.5km az=57.0

ISC 17 12:46:42.1; 1.8, 31S; 0.09; 122.6E; 0.1, h200km, n13, e240/16, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MMRI Maumere, EDFI Ende, BATI Baumata, etc.

IDC 17 12:51:01.6; 0.4, 1.46N; 126.39E, h0km, mb4.6/26, mb1.4.6/32, mb1mx4.5/42, mbtmp4.6/32, ML4.2/6, MS3.7/7, Ms1.3.7/7, ms1mx3.3/38, Error ellipse: s-maj=16.8km s-min=9.6km az=75.0

BUI 17 12:51:02.9; 0.0, 1.54N; 126.27E, h13km, mb5.1/21, mb4.8/56, MS4.7/4, 4.3/8
NEIC 17 12:51:03.6; 2.1, 1.53N; 0.02x126.55E; 0.06, h10km; 1km, mb5.0/71, Error ellipse: s-maj=13.9km s-min=9.3km az=22.0

DJA 17 12:51:04.0; 0.3, 1.1N; 4.12x12.7E; h10km, M4.8/12, mb4.6/2, mb4.8/2, MLV4.9/12, Mw(MB)4.0/2, Mw(Mw)6.1/1, Mwps.0/1
KLM 17 12:51:08.1; 4.7N; 126.66E, h52km, mb4.8
GCMT 17 12:51:10.6; 0.4, 1.61N; 0.02x126.55E; 0.03, h35km; 1km, Mw5.0/60, Moment Tensor Solution. s30,c34; s60,c30; Durations: 0 Moment tensor: Scale 10^10Nm; M3.36t; 30; Mw=0.18t; 18; Mw=3.18t; 20; Mw=1.52t; 25; Mw=2.16t; 17; Mw=0.25t; 22; Best double couple: M4.20700x10^16 Np1.8x10^20; 0.00000; 347.00000; 3.55.00000; NP2: 6.50.00000; 554.00000; 122.00000; Principal axes: T 4.0730, Plg65.0000, Azm21.0000; P -4.3420, Plg4.0000; Azm119.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 17 12:51:08.0; 0.3, 1.45N; 0.04x126.48E; 0.05, h47km, n179, c145/188, mb4.9/71, MS3.8/6, 12C-4D, Fault plane solution: NP1: 6.8189.22412; 1, 669.22412; 1, 31.43665; NP2: 6.8189.22412; 1, 669.22412; 1, 156.02611; Principal axes: T Plg36.5628; Azm50.5401; N Plg52.9089; Azm219.3430; P Plg5.3974; Azm316.5219; Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TINTI Ternate, LBTMI Labuha, SANGSI Sangihe, etc.

2015 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KSM Kuching, FITZ Fitzroy Crossi, GUMO Guam, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ULN, PYUN Piuthan, SONM Songino Array, etc.

TUL 17 12:58:12.7; 1.3, 36.47N; 0.02; 98.76W; 0.02, h5km, 2km, ML2.5, mb1. Lg2.3/11 (NEIC) Error ellipse: s-maj=4.2km s-min=3.1km az=333.0
NEIC 17 12:58:12.8; 1.3, 36.48N; 0.03; 98.77W; 0.02, h11km, 6km, Error ellipse: s-maj=4.1km s-min=2.5km az=170.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like U32A Winter Ranch, U32B U32A, CROK Carrier, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAN05, KAN08, KAN17, etc.

EAf 17:12:59.01, 2.2, 26.48S, 29.68E, h10km, MD3.6

BUL 17:12:59.52, 6.1, 1.26, 44.5, 29.56E, h10km, MD3.8, South

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

IDC 17:13:10:19.1-3.2, 28.15N-85.25E, h0km, mb3.4/3,

mb1 3.6/5, mb1mx3.3/5, mbtmp3.3/5, ML3.2/1, MS3.5/1,

Ms1 3.5/1, ms1mx2.7/37, Error ellipse: s-maj=100.5km

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

NEIC 17:13:14:26.0, 1.2, 52.68N, 0.08, 163.27W, 0.10, h10km, 2km,

ML3.4/6, ML3.2/30(AE/C), Error ellipse: s-maj=13.9km

s-min=8.4km az=151.0

AEIC 17:13:14:29.0, 6.5, 52.65N, 0.10, 163.22W, 0.06, h4km, 6km,

Error ellipse: s-maj=14.9km s-min=7.7km az=60.0

IDC 17:13:14:41.6, 9.8, 5.4, 13N-163.05W, h124km, 92km, mb3.2/3,

mb1 3.3/5, mb1mx3.0/60, mbtmp3.5/5, ML2.9/2, Error

ellipse: s-maj=120.2km s-min=24.3km az=6.0

ISC 17:13:14:26.8, 1.2, 52.76N, 0.09, 163.21W, 0.05, h10km, n37,

o148/40, mb3.5/3, South of Alaska

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

NIKH Nikolski High 3.43 276 Pn Pn 13:15 18.9 -1.3

CHGN Chignik 4.52 36 Pn Pn 13:15 35.9 +0.7

OHAK Old Harbor 7.25 48 Pn Pn 13:16 12.5 -0.3

KDAD Kodiak Island 7.88 46 Pn Pn 13:16 20.4 -1.0

ADK Adak 8.30 269 Pn Pn 13:16 26.4 -0.7

KIWB Kanaga Island 8.59 270 Pn Pn 13:16 30.6 -0.5

NI9K Bonanza Creek 9.38 27 Pn Pn 13:16 42.7 +0.7

ILAR Eielson Array 14.66 28 Pn Pn 13:17 45.9 -8.1

PETK Petropavlovsk-23 27 287 P P 13:19 36.4 +1.2

PDAR Pinedale Array 36.63 84 P P 13:21 35.0 +1.5

H11N2 WAKE ISLAND Hy 40.29 227 T T 14:06 54.0

H11N1 WAKE ISLAND Hy 40.30 227 T T 14:07 01.6

H11S1 WAKE ISLAND Hy 41.44 226 T T 14:08 49.3

H11S2 WAKE ISLAND Hy 41.46 226 T T 14:08 32.4

H11S3 WAKE ISLAND Hy 41.46 226 T T 14:08 16.5

TXAR Lajitas Array 49.00 94 P P 13:23 14.5 +0.8

SJA 17:13:16:25.4, 1.2, 30.67S, 71.60W, h50km, ML4.4, MW4.2

IDC 17:13:16:26.8, 2.9, 30.79S, 71.32W, h42km, 24km, mb4.0/8,

mb1 4.1/13, mb1mx4.0/31, mbtmp4.2/13, ML3.9/5, MS2.9/1,

Ms1 2.9/1, ms1mx2.6/19, Error ellipse: s-maj=23.6km

NEIC 17:13:16:27.9, 1.0, 30.69S, 0.03, 71.49W, 0.07, h49km, 5km,

mb4.6/26, MW4.1/24, ML4.5(G/C), Error ellipse: s-maj=9.0km

s-min=4.1km az=87.0

GUC 17:13:16:27.5, 1.1, 30.69S, 71.36W, h54km, 4km, ML4.6

NEIC 17:13:16:27.9, 30.70S, 71.50W, h52km, Moment Tensor

Moment Tensor: Scale 10^19Nm; Mrr: 5.0; Mtt: 0.0;

Mss: 0.19; Mss: -1.69; Mss: 0.31; Mss: 0.07; Mss: -0.37; Fault

plane solution: M1: 68000x10^15 Np1: 166.49000°,

delta: 92000°, A: 75.34000°. NP2: 95.94000°, delta: 39.48000°,

lambda: 108.52000°. Principal axes: T: 1.6130, P: 176.0000°,

Az: 27.0000°. N: 0.1272, P: 12.0000°, Az: 175.0000°; P

1.7403, P: 7.0000°, Az: 262.0000°

ISC 17:13:16:26.9, 0.7, 30.67S, 0.03, 71.49W, 0.04, h45km, 6km,

n139, e269/186, mb4.5/21, 3C-4D, Near coast of central

Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO06, CO06, CO06, etc.

ROCH El Roble 2.33 170 eP Pn 13:17 04.0 +1.0

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eS Pn 13:17 32.3 +1.8

ROCH El Roble 2.33 170 eP Pn 13:17 32.3 +1.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BO01, BO01, BO01, etc.

ACLC CERRO LA CRUZ 4.13 74 eP Pn 13:17 29.4 +1.8

ACLC CERRO LA CRUZ 4.13 74 eS Pn 13:18 17.0 +2.3

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

BO02 Sierra Bellavi 4.15 172 eP Pn 13:17 28.9 +1.0

BO02 Sierra Bellavi 4.15 172 eS Pn 13:18 15.7 +0.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PVO, RLS, LTHK, IGT, IGU, etc.

IDC 17 14:31:31.2, 2.2, 3.57S; 99.64E, h0km, mb3.8, mb1 3.9/8, mb1mx3.7/3, mbtmp3.8/8, MS2.5/2, MS1 2.6/2, ms1mx2.4/39, Error ellipse: s-maj=81.9km s-min=18.3km az=60.0

NEIC 17 14:31:32.9, 1.5, 3.6S; 0.1, 1.99, 6E, 0.1, h10km, 2km, mb4.0/15, Error ellipse: s-maj=30.0km s-min=12.7km az=225.0

DJA 17 14:31:33.8, 1.2, 4.8S; 10.0E, h56km, 15km, M3.9/5, MLV3.9/5

ISC 17 14:31:35.6, 0.9, 3.56S; 0.08, 99.56E, 0.10, h35km, n43, 0.691/38, mb4.1/15, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PPSI, SISI, MASi, PDSI, etc.

Table with columns: SRPI, Serui, Papua, 2.57 116 P Pn, 14.44 06.1 +0.6, etc.

TUL 17 15:05:17.0, 9.36, 422N; 0.009, 98.23W; 0.03, h6km, 6km, ML2.6, mb, Lg2.5/17(NEIC), Error ellipse: s-maj=3.3km s-min=0.6km az=70.0

NEIC 17 15:05:16.8, 0.7, 36.42N; 0.01, 98.23W; 0.01, h11km, 5km, Error ellipse: s-maj=2.1km s-min=1.5km az=172.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CROK, GCO2, KAN14, etc.

NEIC 17 15:07:59.5, 0.2, 30.99N; 128.61E, h7km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn:0.8; Mb:1.06; Ml:1.14; Ml:1.13; Mb:1.10; Mb:3.04; Fault plane solution: Mo:3.60000x10^14 NP1:21.00000, 88.00000, 116.00000. NP2:113.00000, 82.60000, 12.00000

JMA 17 15:07:59.5, 0.2, 30.99N; 128.61E, h7km, M3.5, Northwest of Ryukyu Islands

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

IDC 17 15:11:39.5, 1.1, 3.704N; 142.15E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.6/34, mbtmp3.7/9, ML3.5/3, MS3.0/4, Ms1 3.0/4, ms1mx2.5/44, Error ellipse: s-maj=26.1km s-min=18.2km az=93.0

JMA 17 15:11:46.1, 0.2, 37.07N; 141.166E, h49km, 4km, M3.5, NIED 17 15:11:46.1, 0.2, 37.07N; 141.166E, h49km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn:0.75; Mb:0.61; Mb:1.36; Ml:2.29; Mb:0.90; Mb:2.94; Fault plane solution: Mo:3.96000x10^14 NP1:39.00000, 88.20000, 101.00000. NP2:165.00000, 81.40000, 1.3600000

ISC 17 15:11:40.7, 2.1, 37.07N; 0.04, 141.32E; 0.07, h7km, 12km, n29, s147/31, mb3.6/6, 8D, Near east coast of eastern Honshu

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

IDC 17 15:27:19.3, 7.5, 0.1424S; 176.51E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/32, mbtmp3.7/3, Error ellipse: s-maj=325.0km s-min=157.9km az=71.0

NOU 17 15:28:42.9, 17.93S; 167.77E, h34km, MLV4.6/17, Vanuatu Islands

ISC 17 15:28:41.2, 1.1, 17.94S; 0.06, 167.77E; 0.08, h23km, n16, s137/17, mb3.7/3, Vanuatu Islands

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

DJA 17 15:37:06.7, 0.9, 8.8S; 10.2E, h218km, 14km, M3.0/7, MLV3.0/7

IDC 17 15:37:09.1, 11.0, 7.64S; 123.33E, h224km, 115km, mb3.4/1, mb1 3.4/3, mb1mx3.0/43, mbtmp3.9/3, Error ellipse: s-maj=192.7km s-min=97.7km az=42.0

ISC 17 15:37:07.1, 1.3, 8.05S; 0.1, 122.7E; 0.1, h226km, n9, s157/17, Flores Sea

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

EAF 17 15:38:16.9, 1.9, 1.25, 25.88S; 29.29E, h10km, MD3.7, South Africa

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

17d 15h

Table with columns: MATP, Matopo, 5.47 352 eP, Pn, 15 39 38.6 -0.1, etc.

JMA 17 15:39:43.6:0.2,30.31N:138.92E,h484km,mb4,ML2
BUI 17 15:39:45.0:0.0,30.25N:138.44E,h432km,mb4,7/17,
mb4,4/29

IDC 17 15:39:46.5:0.7,30.34N:138.48E,h433km,7km,mb3.5/22,
m1 3.7/29,mb1mx3.5/53,mbtmp4.3/29,Error ellipse:
s-maj=11.8km s-min=8.0km az=88.0

NEIC 17 15:39:48.0:1.0,30.32N:0.09:138.4E:0.1,h444km,6km,
mb4,2/98,Error ellipse: s-maj=16.2km s-min=12.4km
az=101.0

ISC 17 15:39:47.0:0.4,30.33N:0.05:138.52E:0.06,h440km,
n202,r134/219,mb4,2/84,Southeast of Honshu

Main table for 17d 15h section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, Op, h, m, s, ISC

2015 NOV

Main table for 2015 NOV section with columns: ZALV, ScP, 15 52 01.6 -1.4, etc.

1060

Main table for 1060 section with columns: BCAR, Beaver Creek A, 54.82 32 P, etc.

IDC 17 15:42:29.2:1.5,0.71N:126.37E,h0km,mb3,8/3,
mb1 4.1/4,mb1mx3.6/33,mbtmp3.9/4,ML4,1/1,Error
ellipse: s-maj=56.5km s-min=23.1km az=67.0
DJA 17 15:42:33.1:0.4,0.4N:6.12E,h10km,M3.9/6,mb4,4/1,
MLV3,6/6
NEIC 17 15:42:35.5:2.0,0.64N:0.08:126.32E:0.06,h44km,12km,
mb4,1/11,Error ellipse: s-maj=12.6km s-min=7.3km
az=159.0

ISC 17 15:42:35.3:0.8,0.61N:0.08:126.30E:0.06,h47km,n33,
r1500/32,mb4,0/9,Northern Molucca Sea

Main table for 1060 section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, Op, h, m, s, ISC

1061

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Tsoukalades, Mydri-Lefkada, Valsamata, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Toucheng, Kuro-shima, Tarama, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Ishigaki jima, Iriomote-Funau, Kuro-shima, etc.

KRSC 17 16:08:58.9-1.0, 53.02N, 159.52E, h20km, 7km, ML3.8
IDC 17 16:08:59.3-1.0, 52.81N, 158.96E, h0km, mb3.6/5,
mb1 3.9/5, mb1mx3.4/34, mbtmp3.6/5, Error ellipse:
s-maj=24.8km s-min=16.5km az=2.0

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

2015 NOV

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

NOU 17 16:27:31.9, 15.47S-167.53E, h99km, mb3.8/10, Vanuatu Islands, Vanuatu Islands

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

NOU 17 16:40:00.0-0.3, 38.11N-20.24E, h52km, 1km, ML3.6/10

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

NOU 17 16:40:04.2, 12.0, 39.15N-121.25E, h0km, mb3.5/4, mb1 3.5/4, mb1mx3.2/46, mbtmp3.5/4, Error ellipse: s-maj=232.5km s-min=44.9km az=39.0

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

NOU 17 16:40:00.0-0.3, 38.53N-167.53E, h15km, 4km, n95, e1917/134, mb3.6/4, Greece

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

17d 16h

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

IDC 17 16:47:04.1-3.0, 30.51S-177.56W, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.5/22, mbtmp3.5/2, Error ellipse: s-maj=63.3km s-min=25.3km az=102.0, Kermadec Islands

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

NOU 17 16:47:18.0, 14.24S-167.16E, h109km, mb3.9/10, Vanuatu Islands, Vanuatu Islands

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

TUL 17 16:50:49.8-0.7, 36.37N-101.97E, h13W, 0.02, h3km, 7km, ML3.1, mb_Lg3.1/63(NEIC), Error ellipse: s-maj=2.5km s-min=1.8km az=54.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like BLOK Blackwell, QUOK Quay, OK031 Brethren Rd, etc.

Table with columns: STKA, STMA, CMAR, VVDA, ILAR, TORD. Includes stations like Stephens Creek, Chiang Mai Arr, Vanda, Eielson Array, etc.

17:09:45.1+4.2.21.70N:144.76E, h117km, 39km, mb3.5/7, mb1 3.7/9, mb1mx3.3/53, mbtmp3.9/9, MS3.0/1, Ms1 3.0/1, ms1mx2.2/40, Error ellipse: s-maj=42.8km s-min=16.3km az=100.0

17:09:43.6:1.0.21.77N:144.76E, h100km, n16, s154/10, mb3.7/7, Mariana Islands region

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

17:14:52.7:3.58N:136.39E, h12km, M3.3 Broadband fault plane solution: P waves. NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm342.00000, Azm165.00000, Azm165.00000; P Plg1.00000, Azm73.00000

17:14:52.7:1.9:35.61N:136.42E, h0km, mb3.2/1, mb1 3.4/2, mb1mx3.1/53, mbtmp3.1/2, ML2.6/1 Error ellipse: s-maj=28.5km s-min=24.2km az=145.0

17:14:52.7:3.58N:136.39E, h12km, MW3.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mr:0.57, Ms:0.21, Mz:0.79; Ms:0.34, Ms:0.65; Mr:0.07; Fault plane solution: M1:0.00000x10^14 NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm120.00000, Azm139.00000, Azm139.00000, Azm145.00000

17:14:52.8:1.2:35.58N:136.39E:0.03, h3km, 12km, n11, 0.57/19, 2C-4D, Western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like JYTA Yamagatanai, JYTA, JFM Mihama, etc.

17:17:27:50.6:0.9:6.54S:4.130E, h152km, 19km, M4.0/6, mb3.9/4, mb4.6/3, MLV4.0/6, Mw(Mw)3.8/3, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like SAUI Saumlaki, SAUI, MSAI Masohi, etc.

17:29:32.6:0.0:40.41N:73.05E, h10km, mb5.6/60, mb5.4/80, ML5.8/5, Ms5.7/97, Ms7 5.6/86

17:29:32.0:3.40:25N:73.27E, h0km, mb5.2/59, mb1 5.2/66, mb1mx5.2/73, mbtmp5.2/66, ML4.7/7, MS5.2/53, MS1 5.2/53, ms1mx5.1/59, Error ellipse: s-maj=7.0km s-min=6.2km az=155.0

17:29:35.3:40.40N:73.30E, h10km, ML5.7, SFS 17:29:36.7:40.38N:73.14E, h21km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:1.14, Ms:1.32, Mz:0.18; Ms:0.01; Ms:0.48; Ms:0.52; Fault plane solution: M1:4.30000x10^17 NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm498.00000, Azm125.41000, Azm230.95000, Azm420.00000, Azm1.70000. Principal axes: T 1.3843, Plg65.00000, Azm80.00000; N 0.0855, Plg25.00000, Azm251.00000; P -1.4697, Plg4.00000, Azm343.00000

17:29:36.3:1.5:40.38N:73.20E:0.06, h18km, 1km, mb5.9/424, Ms 20 5.4/255, Mw5.5/448, Mw5.5/26, Mw5.6/6, Mw5.5(GCMT) Error ellipse: s-maj=9.5km s-min=2.6km az=120.0

17:29:36.5:0.1:40.31N:73.16E, h13km, mb6.4, KRNET 17:29:36.7:40.37N:73.16E, h20km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:1.11, Ms:0.71, Mz:0.40; Ms:0.96; Ms:0.69; Ms:1.56; Fault plane solution: M2:18000x10^17 NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm18.86000, Azm122.44000, Azm230.95000, Azm174.70000, Azm179.61000. Principal axes: T 2.1648, Plg60.00000, Azm290.00000; N 0.0354, Plg10.00000, Azm38.00000; P -2.2002, Plg28.00000, Azm133.00000

17:29:37.7:40.47N:73.25E, h10km, MS5.6, MOS 17:29:38.1:1.0:40.29N:73.25E, h7km, mb6.0/59, MS5.5/70, Error ellipse: s-maj=3.5km s-min=3.1km az=102.4 Broadband fault plane solution: P waves.

M=4.40000x10^17 NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm2.00000, Azm2.00000, Azm2.00000; N 1.52.00000, NP2: 1.9.00000, Azm2.00000, Azm1.28.00000. Principal axes: T Plg61.00000, Azm53.00000; N Plg29.00000, Azm233.00000; P Plg0.00000, Azm143.00000

MOS Fault plane solution: P-wave C57, D28, Felt (VII) at Bek-Dzhar, Kara-Seget, Laglan; (VI-VII) at Bash-Bulak, Kyzyl-Tuu, Chaiichi; (VI) at Osh; (V-VI) at Ulgzen; (IV-V) at Dzhalal-Abad; (III-IV) at Bishkek; (V) at Taraz, Shymkent; (II) at Almaty.

KNET 17:29:38.7:0.6:40.49N:73.31E, h16km, 6km, ml6.2 Error ellipse: s-maj=7.1km s-min=3.4km az=68.0

NNC 17:29:39.5:1.1:40.54N:73.23E, h6km, 5km, mb6.4, mpv6.2 Error ellipse: s-maj=9.2km s-min=4.0km az=178.0

GCMT 17:29:39.3:0.1:40.44N:0.01:73.07E:0.01, h23km, MW5.5/141, Moment Tensor Solution. s120, c184; s141, c274; Duration: 1s4 Moment tensor: Scale 10^17 Nm; Mr:1.85:0.04; Ms:1.87:0.03; Mz:0.01:0.03; Ms:0.32:0.05; Ms:1.24:0.02; Ms:1.36:0.06; Best double couple solution: M2:63600x10^17 NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm133.00000, Azm218.00000, Azm2.00000, Azm1.59.00000

Principal axes: T 2.5950, Plg60.00000, Azm1.00000; N 0.0750, Plg27.00000, Azm233.00000; P -2.6770, Plg12.00000, Azm330.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function. NEIC 17:29:40.4:29N:73.21E, h23km, Moment Tensor Solution. Duration: 8s0 Moment tensor: Scale 10^17Nm; Mr:1.90; Ms:1.95; Mz:0.05; Ms:1.03; Ms:1.54; Ms:0.91; Fault plane solution: M2:83000x10^17 NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm212.00000, Azm348.00000, Azm43.00000, Azm29.91.00000, Azm59.00000, Azm130.00000. Principal axes: T 2.8100, Plg56.00000, Azm54.00000; N 0.0313, Plg33.00000, Azm244.00000; P -2.8413, Plg6.00000, Azm154.00000

NEIC 17:29:41.4:40.41N:73.11E, h22km, Moment Tensor Solution. Duration: 28s Moment tensor: Scale 10^17Nm; Mr:1.91; Ms:1.94; Mz:0.03; Ms:1.20; Ms:1.34; Ms:1.05; Fault plane solution: M2:58000x10^17 NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm48.00000, Azm131.00000, NP2: 217.00000, Azm56.00000, Azm53.00000. Principal axes: T 2.5104, Plg60.00000, Azm69.00000; N 0.1289, Plg29.00000, Azm240.00000; P -2.6393, Plg4.00000, Azm332.00000

BGR 17:29:43.9:0.0:40.73N:72.50E, h22km, 3km, mb5.9, mB_BB6.0, Ms5.6

ISC 17:29:36.0:0.3:40.31N:0.02:73.27E:0.01, h17km, 1km, h17km: P-P, NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm5.8/457, 22C-216D, Fault plane solution: M1: 1.0, NP1: 1.0, NP2: 0.0, NP3: 0.0, Azm376.47587, Azm364.535, NP2: 1.0, NP3: 1.0, Azm12600.367, 0.705131, Azm165.25789. Principal axes: T Plg26.1936, Azm64.7747; N Plg62.9411, Azm229.1404; P Plg6.3157, Azm331.6537; Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like SFK Sufi-Kurgan, SFK, OHH Osh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like DRK Karamyk, DRK, AML Almayashu, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like BTK Batken, TRKS Terek-Say, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like EKS2 Erkin-Say, EKS2, EKS2 Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like EKS2 Erkin-Say, EKS2, EKS2 Erkin-Say, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like GAR Garm, GBK Karagaybulak, etc.

Table with columns: Station Name, Frequency, Modulation, Power, and other technical details. Includes stations like KBK Karagaybulak, FRU1 Bishkek, CHMS Chumysh, etc.

Table with columns: Station Name, Frequency, Modulation, Power, and other technical details. Includes stations like AAA comp=Z,6um,0.6s, KNDC Almaty, MDOK Medeo, etc.

Table with columns: Station Name, Frequency, Modulation, Power, and other technical details. Includes stations like TDK Taldyqorghan, TDK TDK, TDK TDK, etc.

17d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK Borovoye, AB31 Akbulak array, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like WSAR Wadi Sarin, BIDO Bidbid, HATD Hatta, Dubai, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SAKB Bahrain, KIRV Kirov, KIRV Kirov, and many others.

1065

RBK	comp=E,10um,15.0s	28.07 221	P	P	17 35 28.0 +1.2
GAZ	Rabkut SNR=13	28.18 275	P	IAMB	17 35 26.9 -0.7
GAZ	Gaziantep				17 35 35.5
OBN	comp=Z,187nm,1.0s	28.40 314	P	P	17 35 29.5 +0.2
OBN	Obninsk	28.40 314	P	P	17 35 28.9 -0.3
OBN	comp=Z,13nm,0.7s,baz=80,slow=6.1,SNR=10				17 47 45.4
OBN	comp=Z,2um,20.3s,baz=99,slow=38				17 47 45.4
OBN	Obninsk	28.40 314	P	P	17 35 29.2 -0.1
OBN					17 36 23.0
OBN					17 40 16.8 +1.5
OBN	comp=Z,122nm,1.3s				
OBN	comp=Z,9um,16.0s				
OBN	Obninsk	28.40 314	P	P	17 35 28.9 -0.3
OBN					17 47 31.4
SNOP	comp=Z,14um,21.0s				
DIKM	Sinop	28.55 286	P	P	17 35 29.9 -0.9
DIKM	Dikmen	28.58 285	P	P	17 35 34.4 +3.3
ABTO	Aybut SNR=23	28.66 223	P	P	17 35 33.1 +1.1
RAYN	Ar Rayn SNR=65	28.74 243	P	P	17 35 33.5 +0.8
RAYN	Ar Rayn	28.74 243	P	P	17 35 32.5 -0.2
RAYN	comp=Z,468nm,1.3s				
RAYN	Ar Rayn	28.74 243	P	P	17 35 32.5 -0.2
BNN	Bunyan	28.75 279	P	IAMB	17 35 32.4 +0.3
BNN	comp=Z,322nm,1.1s				
KMI	Kunming	28.88 113	P	P	17 35 35.5 +1.3
KMI					17 35 40.9 +1.1
KMI					17 35 43.9 +1.4
KMI					17 40 25.3 +1.3
KMI					17 40 36.3 +3.0
KMI	comp=Z,58nm,1.4s				
KMI	comp=Z,4um,16.2s				
KMI	comp=Z,2um,17.2s				
KMI	comp=Z,6um,15.2s				
HHC	Hu-ho-hao-te	28.94 76	P	P	17 35 35.4 +1.0
HHC					17 35 39.8 -0.3
HHC					17 35 42.4 0.0
HHC					17 40 24.4 0.0
HHC					17 40 31.9 +1.1
HHC					17 41 50.4 -3.3
HHC	comp=Z,51nm,1.2s				
HHC	comp=Z,270nm,5.6s				
HHC	comp=Z,7um,12.0s				
HHC	comp=Z,5um,14.5s				
HHC	comp=Z,8um,14.3s				
XAN	Xi'an	28.95 91	P	P	17 35 35.0 +0.5
XAN					17 35 38.3 -1.9
XAN					17 35 41.5 -1.0
XAN					17 36 30.4 +4.3
XAN					17 40 28.1 +3.5
XAN					17 40 36.4 +2.4
XAN	comp=Z,81nm,1.2s				
XAN	comp=Z,500nm,4.3s				
XAN	comp=Z,8um,16.1s				
XAN	comp=Z,15um,16.7s				
XAN	comp=Z,19um,17.0s				
SIM	Simferopol'	28.98 292	P	P	17 35 39.7 +5.1
SIM	comp=Z,312nm,1.0s				
KLMR	Klimovskoe	29.18 326	P	P	17 35 35.2 -0.9
KLMR					17 36 28.1
KLMR					17 38 42.8
KLMR					17 40 27.8 +0.3
KLMR	comp=Z,330nm,1.2s				
KLMR	comp=Z,7um,13.0s				
KLMR	Klimovskoe	29.18 326	P	P	17 35 35.3 -0.9
KLMR	comp=Z,330nm,1.2s				
KLMR					17 36 28.2 -1.4
KLMR					17 40 27.9 +0.4
KLMR					17 40 27.9 +0.4
KLMR					17 44 42.0
KLMR					17 44 42.0
KLMR					17 46 48.6
KLMR					17 47 29.7
KLMR	comp=Z,7um,13.0s				
BZK	Bozkurt	29.45 286	P	P	17 35 42.6 +3.8
BZK	Bozkurt	29.45 286	P	P	17 35 38.6 -0.1
CIT	Chita	29.88 53	P	P	17 35 42.1 -0.4
CIT					17 35 55.5
CIT					17 36 07.8
CIT					17 36 45.6
CIT					17 37 01.4
CIT					17 40 41.8
CIT					17 41 09.5
CIT	comp=Z,237nm,2.6s				
NRK	Nori'sk	30.07 10	P	P	17 35 45.6 +1.7
NRK	comp=Z,43nm,1.0s,baz=205,slow=8.5,SNR=21				17 49 32.5
NRK	comp=Z,6um,20.4s,baz=200,slow=40				
NRK	Nori'sk	30.07 10	P	P	17 35 44.6 +0.7
NRK					
NRK	comp=Z,10um,15.0s				
HQW	Nori'sk	30.07 10	P	P	17 35 43.5 -0.5
BR131	Hawqa	30.14 271	P	P	17 35 52.2 +7.1
BR131	Keakin Array S	30.19 282	P	P	17 35 45.2 -0.3
BR131					
BR131	comp=Z,1um,1.8s				
BR131	Keakin Array S	30.19 282	P	P	17 35 45.2 -0.3
BRTR	Keakin Array B	30.19 282	P	P	17 35 46.0 +0.5
BRTR	comp=Z,9.0nm,0.8s,baz=93,slow=8.6,SNR=17				17 49 53.1
BRTR	comp=Z,4um,19.2s,baz=70,slow=40				
BRTR	Keakin Array B	30.19 282	P	P	17 35 45.3 -0.3
BRTR	Keakin Array B	30.19 282	P	P	17 35 45.3 -0.2
ASF	Jabal al Asfar	30.27 266	P	P	17 35 48.2 +1.9
ASF	comp=Z,40nm,1.0s,baz=74,slow=3.9,SNR=21				
ASF	comp=Z,2um,20.2s,baz=88,slow=39				17 49 05.8
TIY	Taiyuan	30.38 82	P	P	17 35 48.5 +1.4
TIY					17 36 51.8 -3.8
TIY					17 40 56.4 +9.5
TIY					17 42 27.6 -0.7
TIY					17 46 22.1 -2.2
TIY	comp=Z,41nm,0.5s				
TIY	comp=Z,6um,13.0s				
TIY	comp=Z,4um,10.7s				
TIY	comp=Z,6um,16.5s				
BHL	Bhannes	30.51 270	P	P	17 35 55.4 +7.1
CHTO	Chiang Mai	30.75 127	P	P	17 35 50.0 -0.4
CHTO					17 35 50.5 -0.2
CHTO	comp=Z,36nm,1.0s				
ANTO	Chiang Mai	30.75 127	P	P	17 35 50.0 -0.4
ANTO	Ankara	30.78 283	P	P	17 35 50.5 -0.2
ANTO	comp=Z,480nm,1.4s				
ANTO	comp=Z,2um,20.0s				
ANTO	Ankara	30.78 283	P	P	17 35 50.5 -0.2
BR231	Keakin MP Arra	30.80 282	P	P	17 35 49.7 -1.2
GYA	Guiyang	30.82 106	P	P	17 35 53.3 +1.3

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GYA			pP	sP	17 36 00.3 +0.3
GYA			pP	PnPn	17 36 53.1 +0.4
GYA			S	S	17 40 56.9 +1.2
GYA			sS	sS	17 41 08.3 +3.2
GYA	comp=Z,150nm,1s				
GYA	comp=Z,760nm,4.0s				
GYA	comp=Z,3um,20.0s				
GYA	comp=Z,2um,15.2s				
GYA	comp=Z,5um,17.2s				
CM31	Chiang Mai Arr	31.02 127	P	P	17 35 52.7 -0.1
CM31	Chiang Mai Arr	31.02 127	P	P	17 35 53.0 +0.1
CMAR	comp=Z,9.5nm,0.8s,baz=315,slow=8.7,SNR=47				17 38 49.5 +0.9
CMAR	comp=Z,13nm,0.9s,baz=303,slow=3.6,SNR=4.1				17 42 30.4 -0.2
CMAR	comp=Z,2.2nm,1.0s,baz=316,slow=5.0,SNR=2.5				17 49 41.4
CMAR	comp=Z,2um,18.2s,baz=356,slow=39				
CMAR	Chiang Mai Arr	31.02 127	P	P	17 35 52.5 -0.4
ENH	Enshi	31.02 97	P	P	17 38 48.8 +0.2
ENH					17 35 52.6 -0.3
ENH					17 35 55.4
MMAI	comp=Z,118nm,1.1s				
MMAI	Moutmeron Ar	31.06 269	P	P	17 35 54.5 +1.4
MMAI	comp=Z,35nm,1.3s,baz=84,slow=9.8,SNR=5.7				
MMAI	comp=Z,7.3nm,0.7s,baz=49,slow=4.4,SNR=3.0				17 51 16.9
MMAI	comp=Z,2um,19.9s,baz=55,slow=42				
BOD	Bodaibo	31.30 42	eP	P	17 35 55.6 +0.6
BOD					
BOD	comp=Z,153nm,1.8s				
KDZE	Karadeniz Ereo	31.46 286	P	P	17 35 58.9 +2.4
GHAJ	Ghor Haditha	31.68 266	P	P	17 37 57.8 -0.9
GHAJ					17 36 07.1
GHAJ	comp=Z,124nm,1.0s				
PURM	Purcari	31.82 296	P	P	17 36 00.7 +1.1
MDUB	Mudurnu	31.83 284	P	P	17 35 59.0 +1.0
TRD	Trivandrum	31.84 173	eP	P	17 35 58.4 -1.6
TRD					17 36 05.0
TRD	comp=Z,126nm,0.7s				
CSS	Mathiatis	31.88 273	P	P	17 35 59.7 -0.7
CSS	comp=Z,121nm,1.0s				17 36 09.4
DGPR	DIGLIPUR	32.07 142	eP	P	17 36 01.6 -0.5
DGPR					17 36 07.8
DGPR	comp=Z,214nm,1.0s				
AKASG	Main Array Be	32.13 304	P	P	17 36 01.9 -0.4
AKASG	comp=Z,12nm,0.6s,baz=79,slow=7.4,SNR=129				
AKASG	comp=Z,13nm,0.7s,baz=71,slow=3.0,SNR=1.7				17 52 06.0
AKASG	comp=Z,9um,18.6s,baz=85,slow=42				
AKASG	Main Array Be	32.13 304	P	P	17 36 01.4 -0.9
AKASG					17 36 10.0
AKBB	Main Array Si	32.13 304	P	P	17 36 01.6 -0.7
AKBB					
AKBB	comp=Z,269nm,0.9s				
AKBB	Main Array Si	32.13 304	P	P	17 36 01.6 -0.7
LEF	Lefka	32.16 274	P	P	17 36 07.0 +4.2
SLVN	Son La	32.17 117	P	P	17 36 04.5 +1.5
KIS	Kishinev	32.50 297	eP	P	17 36 11.0 +5.4
KIS	comp=Z,380nm,1.0s				
KIS	comp=Z,2um,18.0s				
KIS	Kishinev	32.50 297	eP	P	17 36 11.0 +5.4
KIS	comp=Z,380nm,1.0s				
KIS	comp=N,1um,15.0s				
KIS	comp=Z,2um,15.0s				
KIS	Milestii Mici	32.51 297	P	P	17 36 06.2 +0.5
MILM	Milestii Mici	32.51 297	eP	P	17 36 11.0 +5.3
MILM					17 37 19.0
MILM					17 37 39.0
MILM	comp=Z,660nm,1.0s				
BJI	Beijing	32.55 76	P	P	17 36 07.0 +0.9
BJI					17 37 20.5 +0.9
BJI					17 41 21.0 +0.4
BJI	comp=Z,30nm,1.2s				
BJI	comp=Z,380nm,4.6s				
BJI	comp=Z,6um,16.6s				
BJI	comp=Z,8um,17.7s				
BJI	comp=Z,11um,18.7s				
BJT	Baijiatuu	32.55 76	P	P	17 36 06.8 +0.7
BJT					
BJT	comp=Z,28nm,1.1s				
BJT	comp=Z,8um,19.0s				
BJT	Baijiatuu	32.55 76	P	P	17 36 06.8 +0.7</

17d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Kalwaria Pacia, Strehala, Paburga, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like Besenyasz, Chanchung, ARCES, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like JETT, MODS, UNAC, etc.

17d 17h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KBS Kingsbay, OSSC Observatorio P, TNS Taunus Mts, etc.

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Table with columns for station call letters, name, frequency, and other technical details. Includes stations like YSS Yuzh-Sakhalins, YSS VIVF, YSS ELMS, etc.

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Table with columns for station call letters, name, frequency, and other technical details. Includes stations like DFRA Djebel Bou Buff, MCH1 Michaelchurich, MCH1 MCH1, etc.

PGAV	comp=Z,2j,2m,20.0s	eLR	LR	18 02 26.4			
EUNU	Eureka	59.35	356	P	P	17 39 34.6	-2.0
EUNU	comp=Z,77nm,1.1s	Iamb	Iamb	17 39 50.0			
MTE	Matteigas	59.39	299	eP	P	17 39 37.7	+0.2
MTE	comp=Z,219nm,1.4s	eP	P	17 39 44.0	+0.4		
MTE		eS	S	17 47 46.3	+0.7		
MTE		eSS	SS	17 51 43.3	+3.2		
MTE		eLQ	LQ	18 00 16.9			
MTE		eLR	LR	18 03 54.9			
MTE	comp=Z,1j,2m,20.0s						
MTE	Matteigas	59.39	299	P	P	17 39 35.6	-1.9
PALE	Palermas	58.43	292	P	P	17 39 44.0	+6.2
PVIS	Visu	58.47	299	P	P	17 39 38.4	+0.4
PVIS	comp=Z,155nm,1.2s	eP	P	17 39 44.3	+0.2		
PCBR	Castelo Branco	59.61	298	eP	P	17 39 39.3	+0.4
PCBR	comp=Z,99nm,1.5s						
LJA	Lijar	59.63	294	P	P	17 39 45.0	0.0
PVLZ	Peaen de	59.61	292	P	P	17 39 38.5	-0.7
PVLZ		S	S	17 39 41.7	+2.1		
PMRV	Marv??o	59.76	298	eP	P	17 47 43.9	-5.9
PMRV	comp=Z,200nm,1.8s			17 39 40.3	+0.3		
PMRV		eS	S	17 39 46.1	+0.1		
PMRV		eS	S	17 47 49.7	-0.6		
PMRV		eLR	LQ	17 56 53.4			
PMRV		eLR	LR	18 02 05.4			
COI	Coimbra	60.06	299	P	P	17 39 40.6	-1.4
COI	comp=Z,219nm,0.9s						
COI	Coimbra	60.06	299	eP	P	17 39 43.2	+1.2
COI	comp=Z,98nm,0.9s						
COI	Coimbra	60.06	299	eS	P	17 39 48.6	+0.5
CEU	Ceuta	60.10	293	P	P	17 39 40.6	-1.4
CEU		S	S	17 39 41.4	-0.9		
PBAR	Barrancos	60.13	296	eP	P	17 47 26.4	-2.8
PBAR	comp=Z,216nm,1.5s			17 39 42.6	+0.1		
PESTR	Estremoz	60.16	297	eP	P	17 39 48.4	-0.2
PESTR	comp=Z,112nm,1.7s			17 39 43.2	+0.4		
PESTR		eP	P	17 39 48.5	-0.4		
PESTR	Estremoz	60.16	297	P	P	17 39 41.3	-1.5
PESTR	Estremoz	60.16	297	P	P	17 49 49.1	+6.3
PCAS	Casmilo, Conde	60.20	299	eP	P	17 39 43.3	+0.5
PCAS	comp=Z,130nm,1.5s						
ICESG	Greenland Ices	60.37	338	eP	P	17 39 49.3	+0.2
ICESG		Iamb	Iamb	17 39 45.3	+1.2		
SFS	San Fernando	60.40	294	S	S	17 48 14.1	+1.5
ARNO	Arenosillo	60.45	295	S	S	17 39 50.2	+5.5
ARNO		S	S	17 48 01.3	+2.1		
CHEFC	Chefchaouen	60.48	293	P	P	17 39 51.0	+5.9
PMTG	Montargil	60.50	298	eP	P	17 39 45.4	+0.4
PMTG	comp=Z,92nm,1.4s						
EVO	Evora	60.62	297	eP	P	17 39 50.9	-0.2
EVO	comp=Z,81nm,1.5s			17 39 53.3	+7.4		
EVO		S	S	17 48 04.2	+2.9		
EVO	Evora	60.62	297	eP	P	17 39 46.7	+0.9
PSBE	So Bento	60.66	298	eP	P	17 39 51.7	-0.2
PSBE	comp=Z,233nm,1.9s			17 39 47.4	+1.2		
PSBE		eP	P	17 39 52.7	+0.4		
PBEJ	Beja	60.77	297	eP	P	17 39 48.1	+1.2
PBEJ	comp=Z,127nm,1.5s						
PBEJ		eP	P	17 39 53.0	0.0		
LCRM	LCR	60.86	291	P	P	17 39 55.0	+7.2
PVAQ	Vaqueiros	60.98	296	eP	P	17 39 48.9	+0.6
PVAQ	comp=Z,210nm,1.5s						
PVAQ		eP	P	17 39 54.5	+0.1		
PVAQ		eS	S	17 48 06.3	+0.3		
PVAQ	Vaqueiros	60.98	296	eLQ	LQ	18 01 46.5	
PVAQ		eLR	LR	18 04 39.5			
PVAQ	comp=Z,1j,2m,20.0s						
PVAQ	Vaqueiros	60.98	296	P	Iamb	17 39 47.4	-0.9
PVAQ		Iamb	Iamb	17 39 55.7			
PVAQ	comp=Z,126nm,1.1s						
PVAQ	Vaqueiros	60.98	296	P	P	17 39 54.5	+6.2
TULEG	Thule	60.98	351	P	P	17 39 48.0	+0.3
TULEG	comp=Z,81nm,1.1s			17 39 53.3			
TULEG	Thule	60.98	351	P	P	17 39 47.4	-0.4
LWUI	Luwuk	60.99	120	P	Iamb	17 39 48.3	-0.4
LWUI	comp=Z,76nm,0.8s			17 40 34.6			
PCVE	Castro Verde	61.09	296	eP	P	17 39 49.4	+0.4
PCVE	comp=Z,83nm,1.5s						
MESJ	Messejana	61.10	297	eP	P	17 39 55.1	0.0
MESJ		eS	S	17 39 47.0	-0.4		
MESJ	Messejana	61.10	297	eS	S	17 48 07.5	0.0
MESJ	comp=E,3j,1m,15.3s			18 11 37.3			
MESJ	Messejana	61.10	297	eP	P	17 39 48.7	-0.4
MESJ		eS	S	17 48 07.0	0.0		
MESJ	Messejana	61.10	297	eS	S	17 39 49.7	+0.5
MESJ	comp=E,95nm,1.4s						
MESJ	Midelt	61.13	290	P	P	17 39 55.4	+0.1
IFR	Ifrane	61.14	291	P	P	17 39 56.1	+6.6
IFR		S	S	17 39 53.0	+3.3		
IFR		S	S	17 48 05.8	-2.8		
PNCL	Nicolau / Gran	61.18	297	eP	P	17 39 51.1	+1.4
PNCL	comp=E,94nm,1.7s						
H21K	Barranco-do-Ve	61.21	296	eP	P	17 39 56.0	+0.2
H21K	comp=Z,257nm,1.6s			17 39 51.3	+1.4		
PBDV	PMAFRR	61.27	298	eP	P	17 39 56.6	+0.6
PBDV	Mafra	61.27	298	eP	P	17 39 53.4	+3.1
PBDV		eP	P	17 39 56.5	+0.1		
LIS	Lisbon	61.30	298	eP	P	17 39 56.9	+0.4
LIS		A	A	17 39 58.3			
PMST	Lisbon-Monsan	61.31	298	eP	P	17 39 51.7	+1.2
PMST	comp=E,218nm,1.1s						
PMST	Col de Zad	61.33	290	P	P	17 39 57.0	+0.4
JAGI	Jajag, Banyuwa	61.47	133	P	P	17 39 58.0	+6.8
JAGI	comp=Z,94nm,1.2s			17 39 48.7	-3.1		
PTEO	Sao Teotónio	61.60	297	eP	P	17 39 58.8	+0.2
PTEO	comp=Z,128nm,1.5s			17 40 01.6			
MORF	Marmelete	61.67	296	eP	P	17 39 58.8	-0.4
MORF	comp=Z,127nm,1.5s			17 40 01.5			
ANGG	Ammassalik, Gr	61.78	334	eP	P	17 39 54.0	+0.8
ANGG	comp=Z,127nm,1.5s			17 40 03.4			
ANGG	Ammassalik, Gr	61.78	334	P	Iamb	17 39 52.1	-1.1
ANGG	comp=Z,111nm,0.8s			17 40 03.7			
ANGG	Ammassalik, Gr	61.78	334	P	Iamb	17 39 52.1	-1.1
ANGG	comp=Z,108nm,0.8s			17 40 03.7			
PVFI	Vila Bisbo	61.88	296	eP	P	17 39 56.9	+2.5
PVFI	comp=Z,138nm,1.5s						
PVFI	Vila Bisbo	61.88	296	eP	P	17 40 00.6	+0.1
PVFI		Iamb	Iamb	17 39 52.2	-2.2		
PVFI		Iamb	Iamb	17 40 02.0			
UPNV	Upernavik	61.93	345	eP	P	17 39 55.5	+1.3
UPNV	comp=Z,87nm,1.1s			17 40 04.0			
GOLM	Goulmima	61.97	289	P	P	17 40 02.1	+6.9
KAPI	Kappang	62.05	125	P	P	17 39 54.9	-0.8
KAPI	comp=Z,18nm,0.7s,baz=325,slow=6.3,SNR=18						
KAPI	comp=Z,1j,2m,20.0s,baz=331,slow=4.0			18 10 22.3			
KAPI	Kappang	62.05	125	P	P	17 39 54.7	-1.0
ZHG	ZHG	62.26	292	P	P	17 40 04.0	+6.8
TNTI	Ternate	62.80	114	P	P	17 39 59.7	-1.1
AVE	Averroes	62.89	292	P	P	17 40 00.6	-0.6
AVE		S	S	17 48 31.5	+1.3		
AVE	Averroes	62.89	292	P	P	17 40 07.8	+6.6
TZRZ	Tazarine	62.90	288	P	P	17 40 08.0	+6.5
A21K	Barrow	63.18	16	P	P	17 40 03.2	+0.7
A21K	comp=Z,319,SNR=16						
A21K	Barrow	63.18	16	P	P	17 40 02.4	-0.1
A21K	comp=Z,2j,2m,19.0s			18 11 16.2			
RER	Riviere de l'E	63.29	198	P	P	17 40 03.5	-0.4
RER		Iamb	Iamb	17 40 22.0			

ZGR	Zagora	63.30	288	P	P	17 40 11.0	+6.8
ILULI	Ilulissat	63.40	341	P	P	17 40 04.1	+0.1
ILULI	comp=Z,74nm,1.0s						
ILULI	Ilulissat	63.40	341	eP	P	17 40 05.3	+1.3
ILULI	comp=Z,417nm,1.6s			17 40 13.5			
ILULI	Ilulissat	63.40	341	eP	P	17 40 05.3	+1.3
ILULI	comp=Z,457nm,1.7s						
ILULI	Ilulissat	63.40	341	eP	P	17 40 04.0	+0.1
DY2G	Dye2	63.97	337	eP	P	17 40 08.9	+0.8
DY2G	comp=Z,5j,1m,1.8s			17 40 17.9			
DY2G		Iamb	Iamb	17 40 18.5			
DY2G	comp=Z,4j,2m,2.7s						
RDOG	Red Dog Mine	64.08	20	P	P	17 40 14.5	+5.9
RDOG	comp=Z,315						
RDOG	Red Dog Mine	64.08	20	P	P	17 40 07.1	-1.5
RDOG	comp=Z,112nm,1.4s			17 40 23.3			
RDOG		Iamb	Iamb	18 12 25.4			
RDOG	comp=Z,2j,2m,21.0s						
GAMB	Gambell	64.31	27	P	P	17 40 10.5	+0.5
GAMB	comp=Z,165nm,1.3s			17 40 58.7			
GAMB		Iamb	Iamb	17 40 11.0	+0.6		
OUK	Outkameden	64.33	290	P	P	17 40 18.0	+6.8
TNA	Tin City	64.36	24	P	P	17 40 11.0	+0.6
TNA	comp=Z,312						
TNA	Tin City	64.36	24	P	P	17 40	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like M22K Willow, PAX Paxson, O19K Port Alsworth, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TABL Table Mountain, N31M Braeburn, YUK6 Outpost Mounta, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like J61A, AGMN Agassiz Nation, AGMN Agassiz Nation, etc.

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

KRNET 17 17:42:44.2,0.1,40.338N,73.22E,h12km,mb4.1
ISC 17 17:42:43.6,1.2,40.38N,0.03,73.28E,0.03,h5km,14km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OHH Osh, SFK Sufi-Kurgan, and AML Almayashu.

IDC 17 17:45:25.4,1.5,31.83N,139.99E,h0km,mb3.6/3,
mb1 3.6/5,mb1mx3.4/5,mbtmp3.5/5,ML2.9/2, Error ellipse: s-maj=17.1km s-min=18.1km az=80.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHJ Hachijo jima 2, MJAR Matsushiro Arr, and JCJ Chichijima.

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, and KRNET 17 17:46:23.0,0.1,40.36N,73.22E,h15km,mb3.0,24C-10D, Kyrgyzstan.

IDC 17 17:51:22.2,2.7,13.40S,67.11E,h0km,mb3.6/4,
mb1 3.6/4,mb1mx3.4/4,mbtmp3.6/4, Error ellipse: s-maj=97.8km s-min=43.8km az=58.0,Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, and H01W3 Cape Leeuwin H.

IDC 17 17:52:06.4,-4.1,17.60S,178.79W,h565km,20km,
mb3.0/4,mb1 3.2/5,mb1mx2.9/43,mbtmp3.9/5, Error ellipse: s-maj=141.3km s-min=29.9km az=138.0,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, STKA Stephens Creek, and WRA Warramunga Arr.

KRNET 17 17:54:47.7,0.1,40.35N,73.22E,h18km,mb2.5,32C-12D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OHH Osh, SFK Sufi-Kurgan, and SALK Salom-Alik.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, BTK Batken, and MNAS Manas.

IDC 17 17:57:13.7,1.8,20.96S,68.36W,h15km,19km,mb4.1/4,
mb1 3.9/6,mb1mx3.6/29,mbtmp4.4/6,MS3.1/2,MS1 3.1/2, ms1mx2.7/21, Error ellipse: s-maj=39.7km s-min=18.0km az=126.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IPOC Station P, PATCX Punta Patache, and LVC Limon Verde.

17d 18h

Table with columns: CPUP, Villa Florida, 11.59 119 P, Pn, 17.59 52.4 -2.9, 36nm,0.3s, MRKS, Merke, 2.31 358 Pg, Pg, 18.06 18.2 -0.8, MNAS, baz=45, 18.07 13.5 -0.8, etc.

DJA 17:18:00:58.4-0.7, 8'S:7°12'8"E, h159km, 21km, M4.07, mb4.6/1, mb4.07, MLV4/15, MW(m/d)3.8/1

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, SAUI, Saumlaki, 3.28 95 P, Pn, 18.01 49.2 +0.2, etc.

KRNET 17:18:05:34.7-0.1, 40°40'N:73°25'E, h13km, mb3.1, ISU 17:18:05:36, 40°40'N:73°10'E, h5km

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, OHH, Osh, 0.43 281 eP, Pg, 18.05 43.0 -0.3, etc.

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Table with columns: MRKS, Merke, 2.31 358 Pg, Pg, 18.06 18.2 -0.8, MNAS, baz=45, 18.07 13.5 -0.8, etc.

KRNET 17:18:06:06.8-0.1, 40°41'N:73°27'E, h14km, mb3.3, NNC 17:18:06:12.3-0.9, 40°56'N:73°19'E, h0km, mb3.7, mpv3.4

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, OHH, Osh, 0.39 290 eP, Pg, 18.06 14.7 -0.9, etc.

KRNET 17:18:06:06.8-0.1, 40°41'N:73°27'E, h14km, mb3.3, NNC 17:18:06:12.3-0.9, 40°56'N:73°19'E, h0km, mb3.7, mpv3.4

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, OHH, Osh, 0.39 290 eP, Pg, 18.06 14.7 -0.9, etc.

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Table with columns: MNAS, baz=45, 18.07 13.5 -0.8, EKS2, Erkin-Say, 2.30 10 eP, Pg, 18.06 46.9 +0.9, etc.

ISU 17:18:10:15, 40°40'N:73°20'E, h5km, KRNET 17:18:10:14, 30.1, 40°34'N:73°21'E, h13km, mb3.0, 33C-2D, Kyrgyzstan

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, OHH, Osh, 0.37 300 eP, Pg, 18.10 22.0 +0.1, etc.

KRNET 17:18:10:52.0-0.1, 40°33'N:73°20'E, h12km, mb3.5, NNC 17:18:10:55.8-1.1, 40°52'N:73°23'E, h25km, 8km, mb4.0, mpv3.7, Error ellipse: s-maj=9.1km s-min=3.9km az=175.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, OHH, Osh, 0.37 300 eP, Pg, 18.10 22.0 +0.1, etc.

17d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRUZ, BBLS, MAKA, DIVS, etc.

IDC 17 18:27:07.5, 1.8, 35.19N, 141.161E, h0km, mb3.4/3, mb1.3, 5/6, mb1mx3.3/4.5, mbrmp3.5/6, ML3.4/2, Error ellipse: s-maj=47.2km s-min=23.7km az=77.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1, CHQJ, BSO3, etc.

ISU 17 18:34:08, 40.36N, 73.25E, h5km, KRNET 17 18:34:09.5, 0.1, 40.36N, 73.19E, h12km, mb3.5

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

2015 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FRU1, GAR, CHMS, DZA, etc.

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

TUL 17 18:34:24.9, 1.3, 36.93N, 0.01, 98.13W, 0.04, h5km, 7km, ML2.5, mb, Lg2.2/8(NEIC), Error ellipse: s-maj=4.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAN14, KAN10, etc.

THE 17 18:37:39.4, 38.46N, 20.45E, h11km, ML2.7/12, Error ellipse: s-maj=0.9km s-min=0.5km az=277.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FSK, KEF4, etc.

IDC 17 18:43:34.5, 99.0, 62.79N, 73.31E, h0km, Error ellipse: s-maj=719.0km s-min=197.0km az=131.0, Northwestern Siberia

I34MN SONGINO INFRAS 272 114 i 21 09 10.0
I45RU USSURIYSK INFR 37 92 i 22 36 30.0

IDC 17 19:03:30.8:12.0, 23:43S:177.93E, h433km, 269km,
mb3.4/3, mb1 3.5/4, mb1mx3.0/7, mbtmp4.2/4, Error
ellipse: s-maj=5.14, k-m s-min=90.0km az=93.0, South
of Fiji Islands

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include MSVF Nonsavu, STKA Stephens Creek, ASAR Alice Springs, WRA Warrungarra Arr.

NEIC 17 19:07:43.5:1.9, 8:31S:0.06:119.13E:0.07, h25km, 3km,
mb4.2/16, Error ellipse: s-maj=11.4km s-min=7.8km
az=57.0

DJA 17 19:07:43.0:0.1, 8:5:4.1*11.9E:1, h10km, M4.5/12, mb4.7/2,
mb4.8/2, MLV4.3/12, Mw(mb)4.1/2

IDC 17 19:07:45.2:5.2, 8:21S:119.28E, h47km, 22km, mb3.8/8,
mb1 3.9/11, mb1mx3.6/36, mbtmp4.0/11, MLJ.3.7/3, MS3.2/2,
Ms1 3.4/2, ms1mx2.6/51, Error ellipse: s-maj=33.6km
s-min=10.1km az=62.0

ISC 17 19:07:40.8:0.5, 8:29S:0.05:119.21E:0.04, h10km, n64,
<=207/65, mb4.4/11, Flores region

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include PLAI Plampang, TWSI Taliwang, BSSI Bau Bau, MMRI Maumere, BKSI Bulukumba, KAPI Kappang.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include KAPI Kappang, KAPI Kappang, SRBI Singaraja, BNSI Bone, DNP Denpasar, SPSI Sidrap Palu, BATI Baumata.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include BATI Baumata, JAGI Jagaj, JAGI Jagaj, SOEI Soe, SOEI Soe, TTSI Tana Toraja, LUWI Luwuk, UGM Wanagana, UGM Wanagana, LEM Lembang.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FAKI Fak Fak, WBO Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WRAB Tennant Creek, WRAB Tennant Creek.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr.

IDC 17 19:15:48.4:2.5, 8:63S:118.51E, h0km, mb3.4/3,
mb1 3.6/5, mb1mx3.2/52, mbtmp3.5/5, MLJ.2.1/1, MS3.8/1,
Ms1 3.8/1, ms1mx2.8/19, Error ellipse: s-maj=204.2km
s-min=23.4km az=54.0

DJA 17 19:16:02.4:0.4, 9:5:5*11.9E:1, h92km, 6km, M4.0/12,
mb4.2/2, MLV3.9/12

ISC 17 19:16:00.9:0.9, 9:20S:0.08:118.51E:0.05, h100km, n27,
<=203/26, Sumbawa region

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include Code, Station Name, Delta, AZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include PLAI Plampang, TWSI Taliwang, WSI Waingapu, DNP Denpasar, IGBI Denpasar, SRBI Singaraja, BSSI Bau Bau, BSSI Bau Bau, MMRI Maumere, BKSI Bulukumba, BKSI Bulukumba, JAGI Jagaj, JAGI Jagaj, GATI Bauma.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include SOEI Soe, SOEI Soe, AAI Banjar Baru, AAI Ambon, FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, ASAR Alice Springs, DZM Mont Dzumac, MKAR Makanchi Array, ZALV Zalesovo Beam.

ATH 17 19:23:16.0:2.2, 3:7:81N:19.95E, h73km, 8km, ML3.7/12

THE 17 19:23:16.0:38.53N:20.52E, h12km, ML3.4/17, Error
ellipse: s-maj=0.9km s-min=0.4km az=285.0

ATH 17 19:23:16.0:38.52N:20.57E, h12km, 1km, ML3.6/4, Error
ellipse: s-maj=1.9km s-min=0.7km az=281.0

IDC 17 19:23:21.0:2.2, 3:8:58N:20.36E, h73km, 25km, mb3.4/5,
mb1 3.5/10, mb1mx3.5/7, mbtmp3.7/10, MS3.4/2,
Ms1 3.4/2, ms1mx2.5/48, Error ellipse: s-maj=22.2km
s-min=16.1km az=147.0

ISC 17 19:23:15.0:0.7, 3:8:53N:0.02:20.51E:0.02, h17km, 4km,
n131, <=174/192, mb3.8/5, SC-4D, Greece

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include FSK Fiskardo, FSK Fiskardo, FSK Fiskardo, FSK Fiskardo, FSK Fiskardo, FSK Fiskardo.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include EVGI Lefkada island, EVGI Lefkada island, DRAG Dragano-Lefkad, DRAG Dragano-Lefkad, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include KEF4 Livadi, KEF4 Livadi, KEF4 Livadi, KEF4 Livadi, KEF4 Livadi, KEF4 Livadi.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include DMLN Damouliana-K, DMLN Damouliana-K, DMLN Damouliana-K, DMLN Damouliana-K, DMLN Damouliana-K, DMLN Damouliana-K.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include LXR A Lixouri, LXR A Lixouri, LXR A Lixouri, LXR A Lixouri, LXR A Lixouri, LXR A Lixouri.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include ALIK Alik, ALIK Alik, ALIK Kerkira, ALIK Kerkira, MAKRA Makrakomi, MAKRA Makrakomi, MAKRA Makrakomi, MAKRA Makrakomi.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include AGG Agios Georgios, AGG Agios Georgios, GUR Goura, GUR Goura, THL Klokotos Trika, THL Klokotos Trika, THL Klokotos Trika, THL Klokotos Trika.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include VTS Vitosh, VTS Vitosh, VTS Vitosh, VTS Vitosh, VTS Vitosh, VTS Vitosh.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include BOVS Bovan, BOVS Bovan, BOVS Bovan, BOVS Bovan, BOVS Bovan, BOVS Bovan.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include MAKA Makarska, MAKA Makarska, MAKA Makarska, MAKA Makarska, MAKA Makarska, MAKA Makarska.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include DUGI Dugi Otok, DUGI Dugi Otok, DUGI Dugi Otok, DUGI Dugi Otok, DUGI Dugi Otok, DUGI Dugi Otok.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include MORA MORIC, MORA MORIC, MORA MORIC, MORA MORIC, MORA MORIC, MORA MORIC.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include Code, Station Name, Delta, AZ, Phase ID, Time, Res.

IDC 17 19:36:43.0:3.0, 32:56S:177.70W, h0km, mb4.3/2,
mb1 4.5/3, mb1mx3.8/26, mbtmp4.2/3, ML3.6/1, Error
ellipse: s-maj=75.5km s-min=45.1km az=132.0

NEIC 17 19:36:44.0:0.8, 32:75S:0.1:177.5W:0.2, h10km, 2km,
mb4.6/7, Error ellipse: s-maj=27.1km s-min=21.5km
az=141.0

ISC 17 19:36:45.1:2.1, 32:75S:0.1:177.5W:0.2, h21km, n19,
<=077/17, mb4.5/6, South of Kermadec Islands

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Rows include Code, Station Name, Delta, AZ, Phase ID, Time, Res.

VOIR	7.51	25	P	Pn	19 41 26.2	+2.4
VOIR	7.51	25	P	Pn	19 41 27.1	+3.3
VOIR	comp=Z,13nm,0.6s					
MURB	7.60	309	P	Pn	19 41 25.9	+0.8
KOVH	7.60	347	eP	Pn	19 41 26.0	+0.9
MORH	7.64	350	eP	Pn	19 41 24.5	-1.1
MORH	7.64	350	eP	Pn	19 41 24.4	-1.1
MORH	7.64	350	ePn	Pn	19 41 23.9	-1.7
ELL	7.66	102	P	Pn	19 41 32.1	+6.2
ELI	7.66	102	P	Pn	19 41 32.1	+6.2
ISR	7.80	33	P	Pn	19 41 31.0	+3.1
ISR	7.80	33	P	Pn	19 41 31.8	+3.9
ISR	comp=Z,61nm,0.8s					
MLR	7.87	29	P	Pn	19 41 30.8	+2.0
MLR	7.87	29	P	Pn	19 41 30.1	+1.3
MLR	comp=Z,0.4nm,0.3s,baz=131,slow=6.0,SNR=13					
MLR	comp=Z,0.4nm,0.3s,baz=169,slow=13,SNR=1.6					
MLR	7.87	29	P	Pn	19 41 31.0	+2.1
MLR	7.87	29	Pn	Pn	19 41 31.0	+2.1
MLR	7.87	29	Pn	Pn	19 41 30.1	+1.3
OZLI	7.88	333	ePn	Pn	19 41 30.4	+1.6
SMRN	7.93	325	ePn	Pn	19 41 30.0	+0.5
NEHR	7.95	31	P	Pn	19 41 33.4	+3.4
PTJ	7.96	336	ePn	Pn	19 41 30.4	+0.3
RIV	8.02	328	ePn	Pn	19 41 30.5	-0.2
RIV	8.02	328	ePn	Pn	19 41 31.6	+0.8
BRJN	8.02	323	ePn	Pn	19 41 31.3	+0.5
KALN	8.02	339	ePn	Pn	19 41 30.9	0.0
CRES	8.06	334	ePn	Pn	19 41 30.7	-0.7
DOPR	8.09	25	P	Pn	19 41 35.0	+3.2
LBO	8.16	337	ePn	Pn	19 41 31.7	+0.4
BISRR	8.22	32	P	Pn	19 41 36.9	+3.3
DRGR	8.24	10	P	Pn	19 41 35.2	+1.4
DRGR	8.24	10	P	Pn	19 41 37.8	+4.0
DRGR	comp=Z,6.0nm,1.6s					
COVR	8.27	29	P	Pn	19 41 38.0	+3.8
OZUR	8.33	26	P	Pn	19 41 38.0	+2.9
CEY	8.38	329	ePn	Pn	19 41 35.8	+0.1
MADP	8.40	75	P	Pn	19 41 36.6	+0.6
CASP	8.42	302	ePn	Pn	19 41 35.6	-0.7
FLOR	8.45	49	P	Pn	19 41 40.4	+3.8
PLOR	8.45	30	P	Pn	19 41 40.4	+3.8
VRI	8.49	31	P	Pn	19 41 40.8	+3.5
VRI	8.49	31	P	Pn	19 41 42.4	+5.2
VRI	comp=Z,45nm,1.2s					
OSSC	8.53	307	P	Pn	19 41 38.3	+0.6
LJU	8.59	331	ePn	Pn	19 41 39.0	+0.4
VSL	8.74	279	ePn	Pn	19 41 41.8	+1.1
MPLH	8.75	346	eP	Pn	19 41 41.1	+0.3
SOKA	8.95	335	ePn	Pn	19 41 42.7	-0.9
SOKA	comp=Z,12nm,0.9s,SNR=16					
OBKA	8.97	332	ePn	Pn	19 41 44.7	+0.7
OBKA	comp=Z,1.7nm,0.3s,SNR=13					
OBKA	comp=Z,9.4nm,0.7s					
TESR	9.00	28	P	Pn	19 41 46.6	+2.4
ZCCA	9.14	311	P	Pn	19 41 46.8	+0.6
PSZ	9.23	357	ePn	Pn	19 41 47.0	+0.4
PSZ	9.23	357	ePn	Pn	19 41 50.8	+3.4
PSZ	9.23	357	P	Pn	19 41 47.0	-0.4
PSZ	9.23	357	P	Pn	19 41 47.0	-0.4
ARSA	9.31	338	ePn	Pn	19 41 48.2	-0.2
TEOL	9.38	318	Pn	Pn	19 41 49.5	+0.1
VLC	9.39	309	Pn	Pn	19 41 48.5	-1.0
MYKA	9.42	329	ePn	Pn	19 41 50.0	-0.1
KESR	9.43	255	Pn	Pn	19 41 50.4	+0.2
KESR	comp=Z,0.4nm,0.3s,baz=47,slow=11,SNR=4.4					
KESR	comp=Z,95nm,20.4s,baz=272,slow=45					
KESR	9.43	255	Pn	Pn	19 41 51.0	+0.8
STALIGIAL	9.52	325	ePn	Pn	19 41 50.0	-1.4
BURAR	9.53	19	P	Pn	19 41 52.9	+1.3
BURAR	9.53	19	P	Pn	19 41 53.4	+1.8
BURAR	9.53	19	P	Pn	19 41 53.4	+1.8
TRPA	9.53	8	Pn	Pn	19 41 52.1	+0.7
ELOR8	9.55	39	Pn	Pn	19 41 52.6	+0.7
ZOU	9.77	312	Pn	Pn	19 41 52.4	+0.5
PRMA	9.77	317	Pn	Pn	19 41 54.4	+0.3
CONA	9.84	341	ePn	Pn	19 41 56.6	+0.9
CTI	9.87	321	Pn	Pn	19 41 55.1	-1.1
CTI	9.87	321	Pn	Pn	19 41 55.1	-1.1
YVH	9.87	353	ePn	Pn	19 41 49.3	-6.8
YVH	9.87	353	ePn	Pn	19 41 49.2	-6.9
KBA	9.90	330	ePn	Pn	19 41 57.1	+0.3
KBA	comp=Z,2.0nm,0.4s,SNR=5.9					
KBA	9.90	330	P	Pn	19 41 58.3	+1.5
KBA	comp=Z,13nm,0.7s					
MODS	9.96	347	ePn	Pn	19 41 53.8	-3.5
MODS	9.96	347	ePn	Pn	19 41 53.8	-3.5
ABTA	9.98	326	ePn	Pn	19 41 57.8	0.0
ABTA	comp=Z,2.8nm,0.6s					
MSSA	10.00	308	Pn	Pn	19 41 58.9	+0.8
BR13	10.20	80	P	Pn	19 41 49.1	-1.1
BR13	10.20	80	Pn	Pn	19 41 59.7	-1.1
BRTR	10.20	80	Pn	Pn	19 42 01.1	+0.3
BRTR	comp=Z,0.3nm,0.3s,baz=260,slow=14,SNR=1.8					
BRTR	comp=Z,1.68nm,20.2s,baz=280,slow=44					
BRTR	10.20	80	Pn	Pn	19 42 00.8	0.0
MOA	10.23	335	ePn	Pn	19 42 02.6	+1.5
NIE	10.72	359	P	Pn	19 42 10.6	+2.9
NIE	comp=Z,6.0nm,1.1s					
WTTA	10.76	326	ePn	Pn	19 42 10.3	+1.8
WTTA	comp=Z,6.3nm,0.7s					
WTTA	comp=Z,7.5nm,0.6s					
WTTA	10.76	326	P	Pn	19 42 10.1	-1.6
WTTA	comp=Z,1.8nm,0.8s					
KRUC	10.78	345	ePn	Pn	19 42 08.6	0.0
WATA	10.85	326	ePn	Pn	19 42 10.3	+0.6
WATA	comp=Z,6.3nm,0.4s,SNR=7.6					
WATA	comp=Z,7.1nm,0.5s					
CSS	10.89	106	Pn	Pn	19 42 09.8	-0.3
SOTA	10.92	324	ePn	Pn	19 42 10.7	0.0
SOTA	comp=Z,2.7nm,0.4s					
VRAC	10.98	346	Pn	Pn	19 42 10.8	-0.5
VRAC	comp=Z,0.1nm,0.3s,baz=166,slow=21,SNR=4.2					
VRAC	comp=Z,7.3nm,21.0s,baz=174,slow=38					
VRAC	10.98	346	ePn	Pn	19 42 12.8	+1.5
FETA	11.00	322	Pn	Pn	19 42 15.2	+3.4
FETA	comp=Z,0.5nm,0.4s					
MOTA	11.06	324	ePn	Pn	19 42 13.5	+0.8
MOTA	comp=Z,6.3nm,0.6s,SNR=6.3					
DAVOC	11.07	338	ePn	Pn	19 42 13.9	+1.3
CKRX	11.26	319	Pn	Pn	19 42 13.5	-1.9
DAVOC	comp=Z,0.1nm,0.3s,baz=151,slow=15,SNR=1.5					
DAVOC	comp=Z,0.3nm,0.3s,baz=170,slow=22,SNR=1.3					
MORC	11.28	350	P	Pn	19 42 14.5	-1.0
MORC	11.28	350	ePn	Pn	19 42 16.3	+0.8
MORC	11.28	350	Pn	Pn	19 42 14.5	-1.0
GEC2	11.28	336	Pn	Pn	19 42 13.6	-2.0
GERES	11.28	336	Pn	Pn	19 42 14.4	-1.1
GERES	comp=Z,0.7nm,0.3s,baz=158,slow=14,SNR=9.2					
GERES	comp=Z,0.2nm,0.3s,baz=144,slow=25,SNR=1.3					
GERES	comp=Z,182nm,19.6s,baz=9.5,slow=42					
GERES	11.28	336	Pn	Pn	19 42 15.0	-0.6
GERES	11.28	336	Pn	Pn	19 42 15.0	-0.6
TUE	11.34	317	Pn	Pn	19 42 16.1	-0.3
KHC	11.57	337	eP	Pn	19 42 19.7	+0.2
KHC	comp=Z,2.7nm,0.5s,baz=182,slow=9.5,SNR=2.4					
KHC	11.57	337	ePn	Pn	19 42 19.7	+0.2
BNN	11.93	85	Pn	Pn	19 44 25.0	-3.8
Bunyan	12.07	341	ePn	Pn	19 44 26.2	+1.7
Pruhonice	12.07	341	ePn	Pn	19 42 26.8	+0.5
PRU	12.07	341	ePn	Pn	19 42 26.8	+0.5
BNI	12.13	306	P	Pn	19 42 25.4	-1.8
BNI	12.13	306	Pn	Pn	19 42 25.4	-1.8
SENN	12.13	306	Pn	Pn	19 42 25.9	-1.3
GRFO	12.86	332	P	Pn	19 42 35.7	-1.3
GRFO	12.86	332	Pn	Pn	19 42 35.7	-1.3
GRA1	12.86	332	Pn	Pn	19 42 36.3	-0.7
GRF	12.86	332	P	Pn	19 42 36.3	-0.7
BRG	13.04	341	eP	P	19 43 02.5	+1.3
BRG	comp=Z,3.8nm,1.0s					
GAZ	13.23	91	Pn	Pn	19 42 42.0	-0.2
MMAI	13.30	111	Pn	Pn	19 42 41.7	-1.5
MMAI	comp=Z,0.7nm,0.3s,baz=298,slow=26,SNR=2.4					
MMAI	comp=Z,0.7nm,0.3s,baz=308,slow=26,SNR=2.4					
MMAI	comp=Z,5.1nm,18.4s,baz=350,slow=46					
AKASE	13.47	24	Pn	Pn	19 42 44.7	-0.7
AKASE	comp=Z,2.5nm,1.1s,SNR=0.9					
ECH	13.59	319	Pn	Pn	19 42 44.7	-2.3
ECH	13.59	319	Pn	Pn	19 42 44.7	-2.3
CLF	13.68	340	ePn	Pn	19 42 59.0	+1.9
CSL	14.81	111	Pn	Pn	19 43 03.8	0.0
CSL	comp=Z,0.3nm,0.3s,baz=103,slow=22,SNR=2.4					
EIL	14.91	123	Pn	Pn	19 43 04.2	-1.0
EIL	comp=Z,0.4nm,0.3s,baz=180,slow=7.4,SNR=1.9					
EIL	comp=Z,0.4nm,0.3s,baz=187,slow=10,SNR=1.4					
EIL	14.91	123	Pn	Pn	19 43 06.0	-1.4
MNK	16.57	15	iP	Pn	19 43 23.3	-3.2
MNK	comp=N,5.0nm,0.8s					
MNK	comp=E,1.0nm,0.8s					
MNK	comp=Z,10.0nm,0.8s					
MNK	comp=Z,135nm,17.1s					
MNK	comp=N,207nm,17.0s					
MNK	comp=E,39nm,17.0s					
MNK	16.57	15	iP	Pn	19 43 23.3	-3.2
MNK	comp=E,1.0nm,0.8s					
MNK	comp=N,5.0nm,0.8s					
MNK	comp=Z,10.0nm,0.8s,baz=201					
MNK	comp=Z,10.0nm,0.8s					
MNK	comp=Z,135nm,17.1s					
MNK	comp=E,39nm,17.1s					
MNK	comp=Z,207nm,17.1s					
NACGM	16.75	13	iP	P	19 43 31.4	+0.4
NO	16.77	84	Pn	Pn	19 43 30.4	-2.4
PABE	16.97	87	eP	Pn	19 43 33.7	+0.2
PABE	16.97	7	P	Pn	19 43 31.0	-0.5
PABE	16.97	7	P	Pn	19 43 33.8	
SIRT	17.25	87	P	Pn	19 43 36.5	-0.4
SIRT	comp=Z,53nm,0.8s					
ISAL	17.29	11	Iamb	Iamb	19 43 55.6	
ISAL	comp=Z,8.5nm,1.1s					
NEY	17.32	68j	eP	Pn	19 43 36.7	+0.4

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BLB Baldybastay, SHLS Shalkode, PDGK Podgornoye, etc.

KRNET 17:20:02.26±0.1, 40°14'N×73°26'E, h20km, mb1.9, 10C-6D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like OHH Osh, SFK Sufi-Kurgan, SALK Salom-Alik, etc.

IDC 17:20:03:17.2±1.0, 40°26'N×73°25'E, h0km, mb3.8/10, mb1 3.8/16, mb1mx3.6/53, mbtmp3.7/16, ML2.7/6, MS3.0/2, MS1 3.0/2, ms1mx2.5/48, Error ellipse: s-maj=16.4km s-min=10.7km az=130° NEIC 17:20:03:19.7±2.9, 40°38'N×0°04'73'26E±0.07, h10km±1km, mb3.9/6, Error ellipse: s-maj=9.2km s-min=7.4km az=110.0 MOS 17:20:03:19.2±1.2, 40°31'N×73°16'E, h15km, mb4.6/5, Error ellipse: s-maj=9.1km s-min=4.8km az=70° MOS Felt (III-IV) at Kara-Seget, Langer; (III) at Bash-Bulak; (III-II) at Osh.

KRNET 17:20:03:19.8±0.1, 40°35'N×73°22'E, h11km, mb4.0 ISU 17:20:03:20.4±1.1, 40°27'N×73°19'E, h5km KNET 17:20:03:22.1±0.5, 40°57'N×73°27'E, h3km±4km, ml3.5, Error ellipse: s-maj=5.8km s-min=2.8km az=110.0 BUI 17:20:03:23.2±0.0, 40°08'N×73°02'E, h46km, mb4.6/5, mb4.2/4, ML3.8/4 SOME 17:20:03:23.7, 40°63'N×73°23'E, h0km NNC 17:20:03:24.4±1.1, 40°58'N×73°26'E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=8.8km s-min=5.7km az=177.0 ISC 17:20:03:18.3±1.1, 40°34'N×0°02'73'31E±0.02, h2km±8km, n173, s183/230, mb3.7/13, 40C-37D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SFK Sufi-Kurgan, OHH Osh, SALK Salom-Alik, NAM Namangan, DRK Karamyk, AML Almayashu, etc.

2015 NOV

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BTK Batken, TRKS Terek-Say, UCH Uchtor, KASH Kashi, MNAS Manas, EKS2 Erkin-Say, MRKS Merke, AAK Ala-Archa, KBK Karagaybulak, FRU1 Bishkek, GAR Garm, CHRV Charvak, CHMS Chumysh, ULHL Ulaloh, DZA Taraz, USP Ospenovka, TGS TashGRES, TKM2 Tokmak, TMS Tashkent, KST Kastek, CHM Chiment, DGS Degeres, KKR Karatay Array, CHGR Chuyangaron, MTBS Maitube.

17d 20h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MTBS Maitube, IZV Izvestkoviy, TNSS Tien-Shan, KNDC KNDK, MDOK Medeo, KOTS Kotrybulak, ANVS Ananyevov, KUU Kurty, PRZ Przheval'sk, SATY Saty, BTLS Baital, KURS Kuram, KPKS Kapsam, UZB Uzynbulak, BLB Baldybastay, SHLS Shalkode, PDGK Podgornoye, PKMR Pachmar, KTMS Khatmas, DJR Jarkent, KAPS Kapalarasan, NIL Nilore, KBL Kabul, MAKZ Makanchi, MAZ Makanchi, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Karatay Array, KURBB Kurchatov Array.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, WMQ Urumqi, BVAR Borovoye Array, etc.

SOME 17:20:06:59.4, 40.42N:73.15E, h5km
KRNET 17:20:06:59.2, 0.1, 40.36N:73.22E, h19km, mb3.1

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, SFK Sufi-Kurgan, SALK Salom-Alik, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like GAR Garm, KBK Karaybulak, FRU1 Bishkek, etc.

IDC 17:20:22:57.0, 2.5, 9:96S: 161.10E, h107km, 1.7km, mb3.1/4, mb1.3/4.5, mb1mx3.2/30, mbtmp3.6/5, Error ellipse: s-maj=32.8km s-min=27.1km az=96.0

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, etc.

NEIC 17:20:29:16.8, 1.6, 61.64S: 0.10:166.7E, 0.2, h229km, 9gkm, mb4.6/16, Error ellipse: s-maj=27.9km s-min=14.1km az=84.0

IDC 17:20:29:20.8, 4.2, 11.72S: 166.64E, h275km, 40km, mb3.4/1.1, mb1.3/6.12, mb1mx3.4/47, mbtmp4.1/12, Error ellipse: s-maj=53.1km s-min=17.6km az=51.0

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, LIFNC LIFOU, MARNC Mare, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like MTW Mount Morrison, THZ Tophouse, MSWZ Moikau Station, etc.

KRNET 17:20:31:48.5, 0.1, 40.37N:73.22E, h12km, mb2.0, 12C-24D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, SFK Sufi-Kurgan, SALK Salom-Alik, etc.

KRNET 17:20:33:43.9, 0.1, 40.36N:73.24E, h17km, mb3.0, ISU 17:20:33:44, 40.30N:73.20E, h5km

SOME 17:20:33:46.8, 40.53N:73.30E, h5km, NNC 17:20:33:47.9, 1.7, 40.53N:73.38E, h0km, mb3.7, mpv3.4

Error ellipse: s-maj=13.7km s-min=8.2km az=175.0

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, SFK Sufi-Kurgan, SALK Salom-Alik, etc.

TRKS Terek-Say	1.95 305	UJ/P	Pb	20 34 18.6	-0.6	UZB Uzybulak	5.10 56	Pg	Pg	20 35 18.6	-2.0	DHY	comp=N,1um,0.6s	IAML	20 43 01.1	
TRKS Uchtor	2.04 270	eP	Pb	20 34 21.3	+0.3	UZB 7.3nm,0.7s		Lg	Lg	20 36 24.9		DHY Denali Highway	1.40 4	Sn	20 43 00.0 -0.1	
UCH baz=6.0						BLB Baldybay	5.34 45	Pg	Pg	20 35 22.6	-2.5	HIN Hinchinbrook I	1.40 157	IAML	20 42 43.8 +1.1	
UCH baz=27						BLB 1.3nm,0.1s		Lg	Lg	20 36 31.5		HIN comp=N,2um,0.8s		IAML	20 43 08.2	
MNAS Manas	2.14 345	eP	Pg	20 34 22.6	-1.2	SHLS 7.7nm,0.3s	5.39 57	eP	Pg	20 35 29.2	+3.2	N25K Chitina, Valde	1.43 92	P	Pn	20 42 43.0 -0.3
MNAS baz=46						SHLS Shalkode		eS	Sg	20 35 42.8	+6.9	N25K CUT Chitina, Valde	1.43 92	P	Pn	20 42 42.9 -0.3
EKS2 Erkin-Say	2.27 10	UJ/P	Pb	20 34 24.6	-0.2	SHLS 10.0nm,0.8s	5.39 57	Pg	Pg	20 35 29.3	+3.2	CUT Chulitina	1.45 301	P	Pn	20 42 44.2 +0.9
EKS2 baz=10.0						SHLS Shalkode		Lg	Lg	20 36 42.8		CUT baz=118		S	Sb	20 43 03.2 -0.8
MRKS Merke	2.32 360	eP	Pg	20 34 28.0	+0.7	PDGK 10.0nm,0.8s	5.49 56	Pg	Pg	20 35 25.3	-2.6	CUT Chulitina	1.45 301	Pn	Pn	20 42 44.2 +0.9
MRKS baz=6.5nm,0.4s						PDGK Podgornoye		Lg	Lg	20 36 36.4		CUT Chulitina	1.45 301	P	Sb	20 43 03.2 -0.8
MRKS 43nm,0.4s						PDGK Podgornoye	5.49 56	UJ/Pg	Pb	20 35 22.7	+3.1	EYAK Cordova Ski Ar	1.45 141	P	Pn	20 42 44.1 +0.7
MRKS Merke	2.32 360	eS	Pg	20 34 28.0	+0.7	PDGK 0.8nm,0.6s		UJ/Lg	Lg	20 36 33.4		EYAK Cordova Ski Ar	1.45 141	Pn	Pn	20 42 43.9 +0.6
MRKS 13nm,0.3s						PDGK 8.1nm,1.1s						SUA Susitna One	1.52 263	Pn	Pn	20 42 45.8 +1.3
MRKS 43nm,0.4s												SUA Susitna One	1.52 263	Pn	Pn	20 42 45.4 +0.9
AAK Ala-Archa	2.40 22	UJ/Pn	Pg	20 34 28.7	-0.2							SUA 2.0nm,0.8s		IAML		20 43 08.0
AAK 4.3nm,0.5s												O22K Cooper Landing	1.59 221	P	Pn	20 42 46.5 +1.2
AAK 14nm,0.5s												O22K Cooper Landing	1.59 221	P	Pn	20 42 45.6 +0.3
KBK Karagaybulak	2.57 291	UJ/P	Pb	20 34 28.7	-1.2							BMRM Bremer River	1.61 115	P	Pn	20 42 45.8 +0.2
KBK baz=29												BMRM Bremer River	1.61 115	IAML		20 43 08.6
FRU1 Bishkek	2.60 231	UJ/P	Pb	20 34 29.3	-1.0							BMRM Bremer River	1.61 115	IAML		20 43 12.8
FRU1 baz=29												BMRM Bremer River	1.61 115	IAML		20 43 12.8
FRU1 Bishkek	2.60 231	UJ/P	Pb	20 34 29.3	-1.0							BMRM Bremer River	1.61 115	IAML		20 43 12.8
FRU1 baz=22												BMRM Bremer River	1.61 115	IAML		20 43 12.8
GAR Garm	2.67 239	eP	Pn	20 34 28.4	+1.3							BMRM Bremer River	1.61 115	IAML		20 43 12.8
GAR baz=22												BMRM Bremer River	1.61 115	IAML		20 43 12.8
GAR Garm	2.67 239	eP	Pn	20 34 28.4	+1.3							BMRM Bremer River	1.61 115	IAML		20 43 12.8
GAR baz=40												BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHMS Chumysh	2.81 231	UJ/P	Pb	20 34 31.5	-2.4							BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHMS baz=23												BMRM Bremer River	1.61 115	IAML		20 43 12.8
DZA Taraz	2.86 330	eP	Pg	20 34 38.7	+1.1							BMRM Bremer River	1.61 115	IAML		20 43 12.8
DZA 18nm,0.2s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
DZA Taraz	2.86 330	Pg	Pg	20 34 38.7	+1.1							BMRM Bremer River	1.61 115	IAML		20 43 12.8
DZA 18nm,0.2s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
DZA 104nm,0.2s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
ULHL Ulahol	2.50 50	eP	Pn	20 34 32.6	+2.3							BMRM Bremer River	1.61 115	IAML		20 43 12.8
ULHL baz=49												BMRM Bremer River	1.61 115	IAML		20 43 12.8
ULHL Ulahol	2.50 50	UJ/S	Pb	20 35 08.6	-2.9							BMRM Bremer River	1.61 115	IAML		20 43 12.8
ULHL baz=29												BMRM Bremer River	1.61 115	IAML		20 43 12.8
USP Osenovka	2.99 181	UJ/P	Pb	20 34 34.0	-3.0							BMRM Bremer River	1.61 115	IAML		20 43 12.8
USP baz=18												BMRM Bremer River	1.61 115	IAML		20 43 12.8
USP Osenovka	2.99 181	UJ/P	Pb	20 34 34.0	-3.0							BMRM Bremer River	1.61 115	IAML		20 43 12.8
USP baz=18												BMRM Bremer River	1.61 115	IAML		20 43 12.8
TKM2 Tokmak 2	3.05 34	UJ/Pn	Pb	20 34 36.1	-2.1							BMRM Bremer River	1.61 115	IAML		20 43 12.8
TKM2 1.6nm,0.3s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
TKM2 Tokmak 2	3.05 34	UJ/Lg	Lg	20 35 18.9								BMRM Bremer River	1.61 115	IAML		20 43 12.8
TKM2 8.1nm,0.6s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
TKM2 Tokmak 2	3.05 34	eP	Pb	20 34 35.4	-2.7							BMRM Bremer River	1.61 115	IAML		20 43 12.8
TKM2 baz=34												BMRM Bremer River	1.61 115	IAML		20 43 12.8
TKM2 Tokmak 2	3.05 34	UJ/S	Sb	20 35 12.7	-3.3							BMRM Bremer River	1.61 115	IAML		20 43 12.8
TKM2 baz=34												BMRM Bremer River	1.61 115	IAML		20 43 12.8
KST Kastek	3.31 37	eP	Pg	20 34 47.4	+1.1							BMRM Bremer River	1.61 115	IAML		20 43 12.8
KST 5.1nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
KST Kastek	3.31 37	eS	Pg	20 35 31.3	+2.1							BMRM Bremer River	1.61 115	IAML		20 43 12.8
KST 1.1nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
KST Kastek	3.31 37	Pg	Pg	20 34 47.4	+1.1							BMRM Bremer River	1.61 115	IAML		20 43 12.8
KST 5.1nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
KST Kastek	3.31 37	Lg	Lg	20 35 31.3								BMRM Bremer River	1.61 115	IAML		20 43 12.8
KST 1.1nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHM Chiment	3.34 306	eP	Pg	20 34 47.7	+0.9							BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHM 27nm,0.2s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHM Chiment	3.34 306	eS	Pg	20 35 31.4	+1.3							BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHM 148nm,0.4s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
DGS Degeres	3.39 33	eP	Pg	20 34 48.0	+0.2							BMRM Bremer River	1.61 115	IAML		20 43 12.8
DGS 3.7nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
DGS Degeres	3.39 33	Pg	Pg	20 34 48.0	+0.2							BMRM Bremer River	1.61 115	IAML		20 43 12.8
DGS 3.7nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
DGS Degeres	3.39 33	Lg	Lg	20 35 32.2								BMRM Bremer River	1.61 115	IAML		20 43 12.8
DGS 3.7nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
MTBS Maitube	3.60 40	eP	Pg	20 34 51.8	-0.1							BMRM Bremer River	1.61 115	IAML		20 43 12.8
MTBS 2.9nm,0.4s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
MTBS Maitube	3.60 40	eS	Pg	20 35 38.3	-0.2							BMRM Bremer River	1.61 115	IAML		20 43 12.8
MTBS 7.9nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
MTBS Maitube	3.60 40	Pg	Pg	20 34 51.8	-0.1							BMRM Bremer River	1.61 115	IAML		20 43 12.8
MTBS 2.9nm,0.4s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
MTBS Maitube	3.60 40	Lg	Lg	20 35 38.3								BMRM Bremer River	1.61 115	IAML		20 43 12.8
MTBS 7.9nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHGR Chuyangaron	3.62 242	UJ/P	Pn	20 34 41.6	+1.4							BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHGR baz=43												BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHGR Chuyangaron	3.62 242	eS	Pn	20 35 23.9	+0.2							BMRM Bremer River	1.61 115	IAML		20 43 12.8
CHGR baz=43												BMRM Bremer River	1.61 115	IAML		20 43 12.8
TNSS Tian-Shan	3.81 45	eP	Pg	20 34 55.2	-0.5							BMRM Bremer River	1.61 115	IAML		20 43 12.8
TNSS 2.9nm,0.4s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
TNSS Tian-Shan	3.81 45	eS	Pg	20 35 44.7	-0.4							BMRM Bremer River	1.61 115	IAML		20 43 12.8
TNSS 6.9nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
TNSS Tian-Shan	3.81 45	Pg	Pg	20 34 55.2	-0.5							BMRM Bremer River	1.61 115	IAML		20 43 12.8
TNSS 2.9nm,0.4s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
TNSS Tian-Shan	3.81 45	Lg	Lg	20 35 44.7	-0.4							BMRM Bremer River	1.61 115	IAML		20 43 12.8
TNSS 6.9nm,0.5s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
KNDC Almaty	3.94 44	UJ/Pg	Pb	20 34 53.0	-0.1							BMRM Bremer River	1.61 115	IAML		20 43 12.8
KNDC 14nm,0.7s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
KNDC Almaty	3.94 44	UJ/Lg	Lg	20 35 44.8								BMRM Bremer River	1.61 115	IAML		20 43 12.8
KNDC 14nm,0.7s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
MDOK Medeo	3.94 45	eP	Pg	20 34 57.0	-1.4							BMRM Bremer River	1.61 115	IAML		20 43 12.8
MDOK 3.1nm,0.4s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
MDOK Medeo	3.94 45	eS	Pg	20 35 47.7	-1.8							BMRM Bremer River	1.61 115	IAML		20 43 12.8
MDOK 1.6nm,0.7s												BMRM Bremer River	1.61 115	IAML		20 43 12.8
MDOK Medeo	3															

17d 20h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Harding Lake, Juniper Island, Sunshine Point, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Augustine West, Sparrevohn, Novintina River, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Livadi, Kephall, Damoulianaita-K, etc.

ATH 17:20:49:53.9, 38.88N-20.60E, h15km, 1km, ML3.0/15, Error ellipse: s-maj=1.7km s-min=0.9km az=245.0

THE 17:20:49:53.9, 38.90N-20.62E, h13km, ML2.8/10, Error ellipse: s-maj=1.0km s-min=0.4km az=238.0

IDC 17:20:49:59.6, 3.4, 38.92N-21.43E, h0km, mb3.2/3, mb1.3, 5.6, mb mb3.3/47, mb1mp3.3/5, ML2.9, Error ellipse: s-maj=64.7km s-min=25.0km az=71.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Tsoukalades, Lefkada island, etc.

SOME 17:20:51:39.6, 40.60N-77.68E, h5km, NNC 17:20:51:44.0, 1.6, 40.77N-77.76E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=11.6km s-min=9.4km az=167.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Tian-Shan, NORSAR Array B, etc.

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Table with columns: MDOK, Medeo, 2.59 351, Pn, Pb, 20 52 27.6 -0.1, etc. Includes station names like MDOK, KOTS, KNDK, MTBS, KST, UZB, etc.

BEO 17 20:52:23.1±2.2, 38°30'N-20°08'E, h49km, 4km, ML4.0/15
PDG 17 20:52:26.5±0.6, 38°30'N-20°56'E, h11km, 1km, ML3.5/13,
Error ellipse: s-maj=0.8km s-min=1.0km az=0.0
THE 17 20:52:26.8, 38°39'N-20°06'E, h16km, ML3.8/9, Error
ellipse: s-maj=0.8km s-min=0.4km az=273.0
ATH 17 20:52:27.1, 38°39'N-20°06'E, h15km, ML3.9/12, Error
ellipse: s-maj=1.4km s-min=0.6km az=259.0
IDC 17 20:52:27.7±5.0, 38°37'N-20°57'E, h18km, 34km, mb3.6/10,
mb1.3/7.20, mb1mx3.6/55, mbtmp3.7/20, ML3.6/8, MS3.2/12,
Ms1.3/2.12, ms1mx3.0/46, Error ellipse: s-maj=13.6km
s-min=12.7km az=50.0
NEIC 17 20:52:28.1±2.5, 38°77'N-04°20'52"E, 0.07h, h15km, 7km,
mb4.2/3, ML3.8(THE), Error ellipse: s-maj=7.9km
s-min=4.9km az=67.0
ISC 17 20:52:27.1±0.7, 38°39'N-02°20'56"E, 0.02, h13km, 4km,
n247, s1961/307, mb3.9/13, MS3.2/4, 15C-16D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists various station codes and their associated data.

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Main table with columns: KEF4, IGT, Ioumenitsa, 0.67 345, S, S, Sb, 20 52 49.2 +0.3, etc. Lists station names like Ioumenitsa, Ioupenitsa, Damoulianiata-K, etc.

17d 20h

Table with columns: BARS, Barje, 4.04 13, ePn, Pn, 20 53 29.8 +1.2, etc. Lists station names like BARS, NKME, NKME, NKME, etc.

17d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GERES GERESE Array B, DAVOX Davos/Dischmat, DAVOX comp=E, 0.2nm, 0.3s, bazz=190, slow=13, SNR=2.0, etc.

IDC 17:20:56:22.3-0.7, 17:65:53:18.9W, h0km, mb3.4/2.15, mb1.4/2.15, mb1mx4.0/51, mbtmp4.0/15, MSJ=7.21, Ms1.3/7.21, ms1mx3.7/26, Error ellipse: s-maj=23.7km s-min=18.5km az=112.0

NEIC 17:20:56:24.3-1.7, 17:65:01:13.81W, h0.06, h11km, 4km, mb4.7/22, Error ellipse: s-maj=17.2km s-min=7.8km az=163.0

ISC 17:20:56:24.0+0.5, 17:75:01:13.89W, h0.08, h14km, n59, e1505/36, mb4.4/19, MS3.8/21, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SHEL Horse Pasture, H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KEST comp=Z, 3.1nm, 1.0s, bazz=212, slow=7.2, SNR=2.8, KEST Kesra, etc.

IDC 17:21:02:59.12-2.5:82S:151.74E, h0km, mb3.5/4, mb1.3/8.5, mb1mx3.5/44, mbtmp3.6/5, ML1.7/1, Error ellipse: s-maj=116.7km s-min=28.0km az=130.0

ISC 17:21:03:07.2-3.3, 5.65E-0.6:151.2E, h0.7, h65km, n6, e1965/7, mb3.4/4, New Britain region

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

IDC 17:21:04:45.6-1.0, 36:92N:71.57E, h110km, 6km, mb3.6/21, mb1.3/7.26, mb1mx3.5/65, mbtmp4.0/26, Error ellipse: s-maj=16.0km s-min=11.2km az=19.0

NEIC 17:21:04:46.8-1.7, 37:08N:0.05:71.45E, h0.06, h109km, 5km, mb4.2/25, Error ellipse: s-maj=7.1km s-min=6.2km az=211.0

NNC 17:21:04:46.1-4.8, 37:33N:70.89E, h107km, 71km, mb4.0, mp4.7, Error ellipse: s-maj=50.8km s-min=23.6km az=167.0

ISC 17:21:04:44.7-0.4, 36:35N:0.04:71.50E, h0.05, h100km, n122, e201/133, mb4.0/27, 12C-12D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GAR Garm, CHGR Chuyangaron, DRK Karamyk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AYAN Aya Nagar, AYAN Kundal, AYAN Alibeck, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RAMN Ramit, AKTO Aktyubinsk, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like K20K, ILAR, BCAR, etc.

ADC 17 21:11:34.0±1.1, 38.55N±0.39E, h0km, mb3.9/9, mb1 3.8/16, mb1mx3.7/48, mbtmp3.7/16, ML3.7/6, MS3.3/2, Ms1 3.4/2, ms1mx2.6/36, Error ellipse: s-maj=18.0km, s-min=17.1km az=159.0

THE 17 21:11:36.2, 38.53N±0.50E, h14km, ML3.6/10, Error ellipse: s-maj=0.7km s-min=0.3km az=287.0

BEO 17 21:11:36.0±0.7, 38.58N±0.29E, h0km, ML3.6/11, Error ellipse: s-maj=1.6km s-min=0.6km az=288.0

NEIC 17 21:11:36.1±1.8, 38.55N±0.02±0.45E±0.05, h10km±1km, Error ellipse: s-maj=6.3km s-min=2.9km az=107.0

PDG 17 21:11:37.0±0.3, 38.61N±0.27E, h32km, ML3.6/13, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

ISC 17 21:11:35.7±0.7, 38.55N±0.01±0.20A6E±0.02, h15km±4km, n228, e1929/305, mb4.0/13, 10C-8D, Greece

Main table for 1087 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like Fiskardo, Lefkada island, Livadi, etc.

Main table for 2015 NOV with columns: JAN, AML, AML, 21 12 19.2, and various station identifiers like LAKA, KEK, KEK, etc.

Main table for 17d 21h with columns: UDBI, UDBI, MRK, MRK, NRCA, NRCA, GZRA, GZRA, etc., and various station identifiers like Udbina, Mrakovica, Norcia, etc.

ADC 17 21:23:49.1±0.9, 6:03S±147.63E, h0km, mb4.0/11, mb1 4.2/15, mb1mx4.1/30, mbtmp4.0/15, ML3.8/3, MS3.1/9, Ms1 3.1/9, ms1mx2.9/31, Error ellipse: s-maj=29.3km s-min=14.7km az=95.0

NEIC 17 21:23:56.4±1.7, 6.11S±0.08±147.5E±0.2, h45km±8km, mb4.1/10, Error ellipse: s-maj=24.2km s-min=5.7km az=64.0

ISC 17 21:23:56.8±0.7, 6:12S±0.06±147.3E±0.1, h50km±n33, e1947/305, mb4.0/14, MS3.0/1, Easton New Guinea region

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

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like CHGR, MTBS, TNS5, KNDK, MDOK, ANVS, KUU, BTLS, PDGK, etc.

VIE 17 23:28:08.1.0.6.50.16N.19.41E, h0km, mb3.0/7, m3.1/5, m3.9/1, Error ellipse: s-maj=4.8km s-min=4.2km az=94.0 24 km ESE of Sosnowice Suspected Mining induced.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like RAC, LANS, MORC, STHS, KRLC, JAVC, VYHS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like VRAC, CRVS, BELS, KSP, SMOL, CHVC, UPC, etc.

UPC 17 23:28:08.1.0.6.50.16N.19.41E, h0km, mb3.0/7, m3.1/5, m3.9/1, Error ellipse: s-maj=4.8km s-min=4.2km az=94.0 24 km ESE of Sosnowice Suspected Mining induced.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like VRAC, CRVS, BELS, KSP, SMOL, CHVC, UPC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like BRG, BMR, BRR, BRR, BRR, BRR, etc.

BRG 17 23:28:08.1.0.6.50.16N.19.41E, h0km, mb3.0/7, m3.1/5, m3.9/1, Error ellipse: s-maj=4.8km s-min=4.2km az=94.0 24 km ESE of Sosnowice Suspected Mining induced.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like BRG, BMR, BRR, BRR, BRR, BRR, etc.

17d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, MLR, MNT, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like KLMR, FAUS, BELG, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like J20K, PPLA, SUSA, etc.

M27K	Edge Creek, AK	22.41	47	P	P	23 57 43.9 +0.2
L27K	Beaver Creek, AK	22.59	45	P	P	23 57 46.0 +0.4
L27K	Beaver Creek, AK	22.59	45	P	P	23 57 44.7 -0.9
BVCY	Beaver Creek, AK	22.88	47	P	P	23 57 47.7 -0.9
YUK3	Moose Creek, AK	22.95	48	P	P	23 57 49.0 -0.5
BMAR	Burnt Mountain, AK	23.07	33	P	P	23 57 50.4 0.0
EGAK	Eagle, AK	23.34	41	P	P	23 57 53.1 0.0
EGAK	Eagle, AK	23.34	41	P	P	23 57 51.9 -1.3
DAWY	Dawson, AK	23.89	43	P	P	23 57 57.6 -0.8
DAWY	Dawson, AK	23.89	43	P	P	23 57 57.5 -0.8
DAWY	Dawson, AK	23.89	43	P	P	00 01 40.4 +0.9
HYT	Haines Junctio, AK	24.25	51	P	P	23 58 01.8 +0.1
I29M	Ogilvie Camp, AK	24.67	40	P	P	23 58 04.1 -1.3
JKA	Kamikawa-asahi, AK	27.03	270	I	I	23 58 29.7
ASAJK	Asahikawa, AK	27.03	270	P	P	23 58 26.6 -0.2
ASAJ	Asahikawa, AK	27.03	270	P	P	00 09 39.1
INIK	Inuvik, AK	27.28	35	P	P	23 58 28.3 -0.5
INIK	Inuvik, AK	27.28	35	P	P	00 01 47.0 0.0
INIK	Inuvik, AK	27.28	35	P	P	23 58 28.5 -0.3
INIK	Inuvik, AK	27.28	35	P	P	23 58 28.3 -0.5
DLBC	Dease Lake, AK	28.09	56	P	P	00 01 47.0 0.0
YAK	Yakutat, AK	29.67	311	L	L	00 10 57.9
BBB	Bella Bella, AK	30.55	68	L	L	00 10 56.8
TIXI	Tiksi, AK	30.81	330	P	P	00 01 55.8 -0.1
A36M	Sachs Harbour, AK	30.94	29	P	P	23 59 01.7 +0.5
A36M	Sachs Harbour, AK	30.94	29	P	P	23 59 01.5 +0.3
A36M	Sachs Harbour, AK	30.94	29	P	P	00 01 56.6 +0.4
KLR	Kul'dur, AK	31.50	286	P	P	23 59 06.3 +0.1
USA0B	Ussuriysk Arra, AK	32.62	278	P	P	23 59 25.3 +0.3
USA0B	Ussuriysk Arra, AK	32.62	278	P	P	23 59 26.5
USRK	Ussuriysk Arr, AK	33.62	278	P	P	23 59 24.8 -0.3
USRK	Ussuriysk Arr, AK	33.62	278	P	P	00 14 32.7
USRK	Ussuriysk Arr, AK	33.62	278	P	P	23 59 25.0 0.0
H11N2	WAKE ISLAND Hy, AK	33.62	206	T	T	00 35 21.2
H11N3	WAKE ISLAND Hy, AK	33.67	206	T	T	00 35 20.3
H11N1	WAKE ISLAND Hy, AK	33.89	206	T	T	00 35 14.6
MJAR	Matsushiro Arr, AK	34.10	261	P	P	23 59 29.6 +0.3
MJAR	Matsushiro Arr, AK	34.10	261	P	P	00 11 28.9
MAT	Matsushiro, AK	34.11	261	P	P	23 59 30.2 +0.9
H11S1	WAKE ISLAND Hy, AK	34.88	205	T	T	00 36 49.0
H11S2	WAKE ISLAND Hy, AK	34.89	205	T	T	00 36 46.9
H11S3	WAKE ISLAND Hy, AK	34.89	205	T	T	00 36 44.8
YKA	Yellowknife Arr, AK	35.00	47	P	P	23 59 36.2 -0.6
YKA	Yellowknife Arr, AK	35.00	47	P	P	00 15 33.2
YKA	Yellowknife Arr, AK	35.00	47	P	P	23 59 36.7 -0.1
JGF	Yurokka, AK	35.24	261	I	I	23 59 40.9 +1.8
JGF	Yurokka, AK	35.24	261	I	I	23 59 41.4
MWH	Moku'aweo, AK	36.48	142	P	P	23 59 48.9 -1.6
UWB	Urekahuna B, AK	36.66	142	P	P	23 59 52.5 +1.0
NPH	North Pit, AK	36.67	142	P	P	23 59 52.3 +0.7
RIM	Rim, AK	36.89	142	P	P	23 59 53.7 +2.0
BO8A	Colville Reser, AK	37.23	71	P	P	23 59 56.5 +0.4
BO8A	Colville Reser, AK	37.23	71	P	P	23 59 57.9
L02E	Cave Junction, AK	37.77	82	P	P	00 00 00.0 -0.6
D08A	Wollman Farm, AK	38.09	72	P	P	00 00 03.6 +0.4
D08A	Wollman Farm, AK	38.09	72	P	P	00 00 14.7
JCJ	Chichikof, AK	38.37	246	P	P	00 00 06.9 +1.1
YBH	Yreka Blue Hor, AK	38.56	82	P	P	00 00 09.0 +1.6
NEW	Newport, AK	38.58	70	P	P	00 00 07.7 +0.3
NEW	Newport, AK	38.58	70	P	P	00 00 08.2 +0.8
NEW	Newport, AK	38.58	70	P	P	00 00 08.3 +0.9
NEW	Newport, AK	38.58	70	P	P	00 00 08.4
K05A	Summer Lake, AK	39.13	80	P	P	00 00 14.4 +2.1
K05A	Summer Lake, AK	39.13	80	P	P	00 00 42.1
RES	Resolute Bay, AK	39.62	24	P	P	00 02 21.7 +0.1
MOD	Modoc Plateau, AK	39.95	80	I	I	00 00 20.8 +1.7
MOD	Modoc Plateau, AK	39.95	80	I	I	00 00 21.2
KSRS	Korea Array, AK	39.96	271	P	P	00 00 20.2 +1.3
KSRS	Korea Array, AK	39.96	271	P	P	00 14 05.0
EUNU	Eureka, AK	40.21	16	P	P	00 00 20.4 -0.2
EUNU	Eureka, AK	40.21	16	P	P	00 00 23.5 -0.1
WVOR	Wild Horse Val, AK	40.68	79	P	P	00 00 26.6 +1.5
WVOR	Wild Horse Val, AK	40.68	79	P	P	00 00 27.4
MSO	Missoula, AK	41.16	70	P	P	00 00 29.4 +0.4
MSO	Missoula, AK	41.16	70	P	P	00 00 29.4 +0.4
MSO	Missoula, AK	41.16	70	P	P	00 00 30.0
PNTR	Pine Nut, AK	42.02	83	P	P	00 00 37.6 +1.4
PNTR	Pine Nut, AK	42.02	83	P	P	00 00 58.7
HLID	Hailey, AK	42.63	74	P	P	00 00 41.7 +0.6
HLID	Hailey, AK	42.63	74	P	P	00 00 42.4 +1.4
KVN	Kaiserville, AK	42.98	62	P	P	00 00 45.3 +1.4
EGMT	Eagleton, AK	42.98	66	P	P	00 00 44.0 +0.2
BOZ	Bozeman (W), AK	43.18	70	P	P	00 00 45.9 +0.5
BOZ	Bozeman (W), AK	43.18	70	P	P	00 00 46.5
NVAR	Mina Array Bea, AK	43.23	83	P	P	00 00 46.1 +0.2
NVAR	Mina Array Bea, AK	43.23	83	P	P	00 02 35.3 +0.8
NVAR	Mina Array Bea, AK	43.23	83	P	P	00 14 49.0
ELK	Elko, AK	43.74	78	P	P	00 00 50.6 +0.6
ELK	Elko, AK	43.74	78	P	P	00 00 50.5 +0.4
YHL	Hebgen Lake, AK	43.85	71	P	P	00 01 01.6
YHH	Holmes Hill, AK	44.08	71	I	I	00 00 54.2
H17A	Grant Village, AK	44.46	71	P	P	00 00 58.1 +2.3
H17A	Grant Village, AK	44.46	71	P	P	00 00 59.5
FLWY	Flagg Ranch, AK	44.72	72	P	P	00 00 57.5 +0.9
FLWY	Flagg Ranch, AK	44.72	72	P	P	00 00 58.7
NRK	Noril'sk, AK	44.58	330	P	P	00 00 55.9 -0.2
NRK	Noril'sk, AK	44.58	330	P	P	00 02 38.3 +0.1

NRK	comp=Z,1.8nm,0.9s,baz=144,slow=4.1,SNR=5.9	LR	LR	00 19 38.3		
RVLU	comp=Z,55nm,20.9s,baz=12,slow=36	L	L	00 00 59.6		
HMT	Hansel Valley, AK	44.64	76	I	I	00 00 59.3 +0.6
RLM2	Red Lodge, AK	44.73	70	P	P	00 00 59.2 +0.6
RLM2	Red Lodge, AK	44.73	70	P	P	00 01 00.4 +0.8
R11A	Troy Canyon, C, AK	44.97	81	P	P	00 01 00.4 +0.6
R11A	Troy Canyon, C, AK	44.97	81	P	P	00 01 05.3 +0.9
DUG	Dugway, Tooele, UT	45.55	77	P	P	00 01 05.4 +0.9
DUG	Dugway, Tooele, UT	45.55	77	P	P	00 01 06.2
BJL	Beijing, AK	45.70	282	P	P	00 01 05.8 +0.5
PRN	Pahroc Range, AK	45.88	82	P	P	00 01 07.7 +0.6
PSUT	Pine Spring, AK	45.92	80	I	I	00 01 29.3
BW06	Boulder Array, AK	46.00	73	P	P	00 01 08.6 +0.6
PD31	Pinedale Array, AK	46.00	73	I	I	00 01 09.5
PDAR	Pinedale Array, AK	46.00	73	I	I	00 01 08.3 +0.3
PDAR	Pinedale Array, AK	46.00	73	I	I	00 18 26.5
GSC	Goldstone, Bar, AK	46.02	73	P	P	00 01 08.5 +0.4
JLU	Jordanelle, AK	46.14	76	I	I	00 01 10.8
MPU	Maple Canyon, AK	46.38	77	I	I	00 01 12.6
SONM	Sonjing Array, AK	46.94	297	P	P	00 01 15.3 0.0
SONM	Sonjing Array, AK	46.94	297	P	P	00 02 46.1 -0.9
SONM	Sonjing Array, AK	46.94	297	P	P	00 01 15.2 0.0
SONM	Sonjing Array, AK	46.94	297	P	P	00 02 44.7 +0.8
MSU	Marysval, AK	46.95	79	I	I	00 01 17.4 +0.8
MSU	Marysval, AK	46.95	79	I	I	00 01 16.4 +0.7
TRMUT	Trail Mountain, AK	47.08	77	P	P	00 01 18.4
TRMUT	Trail Mountain, AK	47.08	77	P	P	00 01 20.4
Q16A	Castle Valley, AK	47.34	78	I	I	00 01 19.5 +1.0
Q16A	Castle Valley, AK	47.34	78	I	I	00 01 20.2
P18A	Preston Tunnel, AK	47.47	76	I	I	00 01 21.4
HHC	Hu-ho-hao-te, AK	48.01	286	e	P	00 01 23.3 -0.2
HHC	Hu-ho-hao-te, AK	48.01	286	e	P	00 01 23.3 -0.2
U15A	North Rim, AK	48.21	81	P	P	00 01 26.0 +0.6
O20A	White River Ci, AK	48.37	75	P	P	00 01 26.7 +0.2
O20A	White River Ci, AK	48.37	75	P	P	00 01 28.3
RSSD	Black Hills, AK	48.46	68	P	P	00 01 26.7 -0.5
RSSD	Black Hills, AK	48.46	68	P	P	00 01 26.5 -0.5
PV21	Cone Mtn., P, AK	48.90	77	I	I	00 01 36.2
PV23	Cone Mtn., P, AK	48.95	77	I	I	00 01 38.3
PV22	Blue Mesa, Par, AK	49.03	77	I	I	00 01 34.6
PV20	West Nyswonger, AK	49.05	77	P	P	00 01 31.9 +0.2
PV04	Paradox Valley, AK	49.05	77	I	I	00 01 32.8
PV19	Moonr Glory, AK	49.05	77	I	I	00 01 32.7
BTO	Batoula, AK	49.08	287	e	P	00 01 32.9 +1.1
PV16	Nyswonger Mesa, AK	49.09	77	P	P	00 01 32.1 +0.1
PV18	Skein Mesa, Pa, AK	49.14	77	I	I	00 01 34.4
PV12	Saucer Basin, AK	49.16	77	I	I	00 01 33.8
PV03	Paradox Valley, AK	49.17	77	I	I	00 01 33.6
PV07	Paradox Valley, AK	49.18	77	I	I	00 01 35.9
PV15	Paradox Valley, AK	49.34	77	I	I	00 01 34.9
ULM	Lac du Bonnet, AK	49.42	57	L	L	00 23 38.1
PV01	Paradox Valley, AK	49.42	77	I	I	00 01 35.6
SMCO	Snowmass, AK	49.73	75	I	I	00 01 39.5
SP15	Spitsbergen Arr, AK	50.41	356	P	P	00 01 40.3 -1.0
SPB2	Spitsbergen Arr, AK	50.41	356	P	P	00 01 40.9 -0.4
SDCO	Great Sand Dun, AK	51.53	75	P	P	00 01 51.3 +0.8
SDCO	Great Sand Dun, AK	51.53	75	P	P	00 01 52.2
B35A	Bob, Littlefor, AK	51.67	58	P	P	00 01 49.4 -1.7
B35A	Bob, Littlefor, AK	51.67	58	P	P	00 01 50.9
T25A	Trinidad, AK	52.59	75	P	P	00 01 59.6 +1.3
ANMO	Albuquerque, AK	52.78	79	P	P	00 01 59.9 +0.2
WUNH	Wuhan, AK	52.98	274	P	P	00 02 00.9 -0.1
SUMG	Summit, AK	53.23	14	P	P	00 02 02.9 +0.1
SSLB	Suangleung, AK	53.63	263	P	P	00 02 05.5 -0.5
XAN	Xi'an, AK	53.98	281	P	P	00 02 08.4 0.0
XAN	Xi'an, AK	53.98	281	P	P	00 02 10.7 +0.6
ZALV	Zalesovo Bea, AK	54.27	314	P	P	00 03 14.0 +0.2
ZALV	Zalesovo Bea, AK	54.27	314	P	P	00 26 36.5
N35A	Tabor, AK	55.34	66	P	P	00 02 18.3 +0.2
MNTX	Cornudas Mount, AK	55.63	81	P	P	00 02 21.0 +0.7
MNTX	Cornudas Mount, AK	55.63	81	I	I	00 02 21.7
LZH	Lanzhou, AK	55.70	287	e	P	00 02 23.4 +1.4
LZH	Lanzhou, AK	55.70	287	e	P	00 02 21.8 -2.8
LZH	Lanzhou, AK	55.70	287	e	P	00 02 39.6 -0.8
LZH	Lanzhou, AK	55.70	287	e	P	00 02 34.8 +0.8
KSU1	Kansas State U, AK	55.94	68	P	P	00 02 22.1 -0.4
KSU1	Kansas State U, AK	55.94	68	I	I	00 02 22.7
U32A	Winter Ranch, AK	56.34	72	I	I	00 02 27.2
E43A	Eaton Farm, AK	56.47	56	P	P	00 02 25.6 -0.4
ARCES	ARCES Array B, AK	56.16	350	P	P	00 02 36.5 -1.1
ARCES	ARCES Array B, AK	56.16	350	P	P	00 03 27.7 -0.9

ARCES	ARCES Array B, AK	56.16	350	P	P	00 02 36.5 -1.1
ARCES	ARCES Array B, AK	56.16	350	P	P	00 03 27.7 -0.9
TX31	Lajitas Ar. Si, AK	58.33				

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BTk, DRK, OHH, TRKS, SFK, CHMG, GAR, SALK, KUMR, TAS, MNAS, AML, CHM, DZA, CHGR, MRKS, MRKS, MRKS, KK02, EKS2, UCH, AAK, AAK, AAK, AAK, KBK, CHMS, CHMS, USP, TKM2, ULHL, ULHL, KST, KST, KST, DGS, DGS, DGS, DGS, MTBS, MTBS, MTBS, TNS5, TNS5, TNS5, TNS5, MDOK, MDOK, MDOK, MDOK, BTLS, BTLS, BTLS, BTLS.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KUU, KUU, KUU, SATY, SATY, SATY, KURS, KURS, KURS, ARXS, ARXS, ARXS, KPKS, KPKS, BLB, PDGK, PDGK, PDGK, KAPS, KAPS, KAPS, OTUK, MKAR, MKAR, MKAR, ZALV, FINES, TORD, NEIC 18 00:05:14.5±0.6, Error ellipse: s-maj=2.9km, s-min=1.9km, az=44.0, NEIC 18 00:05:14.3±0.9, Error ellipse: s-maj=1.6km, s-min=1.0km, az=96.0, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DRAG, DRAG, LXR, LXR, KEF3, KEF3, KEF3, ARG, ARG, VLS, VLS, VLS, NYDR, NYDR, NYDR, LK2, LK2, LK2, PSDA, PSDA, PSDA, TSOU, TSOU, TSOU, PVO, PVO, PVO, RLS, RLS, RLS, IGT, IGT, IGT, DRO, DRO, DRO, EFP, EFP, EFP, EVR, EVR, EVR, EVR, ANX, ANX, ANX, LAKA, LAKA, LAKA, JAN, JAN, JAN, TRZ, TRZ, TRZ, KASA, KASA, KASA, KLV, KLV, KLV, MAKR, MAKR, MAKR, AGG, AGG, AGG, GUR, GUR, GUR, THL, THL, THL, ITM, ITM, ITM, PYL, PYL, PYL, OHR, OHR, OHR, DRME, DRME, DRME, PDG, PDG, PDG, HCY, HCY, HCY, TREB, TREB, TREB, BRY, BRY, BRY, SJS, SJS, SJS, STON, STON, STON, STON, RUDO, RUDO, RUDO, BBL, BBL, BBL, BBL, DIVS, DIVS, DIVS, HAPS, HAPS, HAPS, MGRS, MGRS, MGRS, BLY, BLY, BLY, MRAK, MRAK, MRAK, RY, RY, RY, CRIS, CRIS, CRIS, CEY, CEY, CEY, KRNET 18 00:37:31.2±0.1, 40:39N:73:26E, h12km, mb2.1, 16C-3D, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

18d Oh

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DRK Karamyk, AML Almayashu, BTK Batken, etc.

KRNET 18 00:37:39.8-0.1, 40:35N x 73:22E, h13km, mb2.2, 14C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OHH Osh, SFK Sufi-Kurgan, SALK Salom-Alik, etc.

NIED 18 00:39:11.2, 40:23N x 142:31E, h20km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

Mn=0.82, Ms=2.04, Mw=1.22, Mo=0.90, Mm=0.12, Mw=1.26; Fault plane solution: M2-36000x10^4, NP1; phi=310.00000, lambda=160.00000, lambda-46.00000, NP2; phi=54.00000, lambda-160.00000.

JMA 18 00:39:11.1-0.1, 40:23N x 142:31E, h20km, Mw3.5, 3C-1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JTH Tanohata, JKEN Kujedananarisaw, MIYJ Miyakonagasawa, etc.

IDC 18 00:46:36.3-3.4, 18:73S x 169:25E, h249km, mb3.5/3, mb1 3.5/5, mb1mx3.3/27, mb1mp4.0/5, Error ellipse:

s-maj=99.6km s-min=27.4km az=157.0; NOU 18 00:46:38.9, 19:12S x 169:41E, h225km, ML4.5/10, Vanuatu Islands

ISC 18 00:46:37.2-1.0, 19:07S x 0:09, 169:4E, 0:1, h246km, n15, s159N/14, mb3.9/3, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RTV Rentapao, LIFNC LIFOU, MARNC Mare, Loyalty, etc.

BUI 18 00:59:09.9-0.0, 36:57N x 70:43E, h199km, mb4.8/9, mb4.4/18

MOS 18 00:59:09.3-0.9, 36:50N x 70:46E, h202km, mb4.6/28, Error ellipse: s-maj=7.2km s-min=4.3km az=90.7

IDC 18 00:59:10.7-0.5, 36:44N x 70:40E, h202km, mb3.9/29, mb1 4.0/35, mb1mx3.9/55, mb1mp4.5/35, Error ellipse: s-maj=8.5km s-min=7.7km az=48.0

NEIC 18 00:59:10.9-2.0, 36:47N x 0:06, h202km, 5km, mb4.3/71, Error ellipse: s-maj=9.4km s-min=8.4km az=96.0

NMC 18 00:59:13.2-0.1, 37:02N x 70:38E, h164km, mb4.2, mpv4.9, Error ellipse: s-maj=21.8km s-min=9.8km az=162.0

ISC 18 00:59:08.0-0.3, 36:50N x 0:03, 70:47E, 0:03, h193km, 3km, n193km, pP, n345, s189/396, mb4.3/79, 24C-27D, Hindu

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Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KBL Kabul, AML Almayashu, DHRM DHARAMSHALA, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ABKAR Akbulak array, WMQ Urumqi, DMN Daman, etc.

Table with columns: ARU, ARU, comp=Z, 6.7nm, 0.8s, S, S, 01 07 29.8 +1.1, etc. Lists various stations and their frequencies.

Table with columns: LVZ, Lovozero, 37.30 339, P, P, 01 06 03.6 +0.7, etc. Lists various stations and their frequencies.

Table with columns: KTH, Kantishna Hill, 75.00 18, P, P, 01 10 29.6 +0.1, etc. Lists various stations and their frequencies.

18 1h

Table with columns: ILAR, Eielson Array, 91.73 18 P, P, 01 24 18.2 -0.8, etc.

JMA 18 01:14:27.4-0.1, 34.92N-135.67E, h366km, 2km, M2.9, Near south coast of western Honshu

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc.

FUNV 18 01:16:02.3, 8.47N, 71.38W, h1km, MW3.2

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc.

18C 18 01:16:06.6, 1.2, 9.01N, 138.09E, h0km, mb3.8/9, mb1.4/0.10, mb1mx3.8/5.3, mbtmp3.9/10, ML4.3/1, MS3.2/4, Ms1.3/2.4, ms1mx2.7/5.0, Error ellipse: s-maj=45.0km s-min=18.3km az=76.0

NEIC 18 01:16:09.5-0.8, 9.06N, 0.09x138.07E-0.06, h10km, 1km, mb4.4/6, Error ellipse: s-maj=17.6km s-min=5.5km az=212.0

ISC 18 01:16:11.2-0.7, 9.05N, 0.07x138.1E-0.1, h29km, n29, c097/24, mb4.1/12, MS3.2/4, Western Caroline Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc.

2015 NOV

Table with columns: BMAR, Burnt Mountain, 76.82 23 P, P, 01 28 01.9 +1.8, etc.

DDA 18 01:17:46.8, 42.40N-43.06E, h2km, 2km, MW3.9, IDC 18 01:17:47.6, 0.7, 42.31N, 42.91E, h0km, mb3.6/10, mb1.9/1.6, mb1mx3.8/5.3, mbtmp3.7/16, ML3.6/5, MS2.8/2, Ms1.2/8.2, ms1mx2.3/4.8, Error ellipse: s-maj=12.9km s-min=7.1km az=66.0

NORS 18 01:17:47.2-0.0, 42.43N-43.04E, h1km, MPV4.6, NEIC 18 01:17:48.9-2.5, 42.38N-43.04E, h33km, mb3.1/3, MD3.4/3, Caucasus Magtype MSB 2, from 4 stations

ISC 18 01:17:48.2, 41.0, 42.36N, 0.01-43.02E, 0.01, h3km, 7km, n203, c1949/304, mb3.8/14, 19C-4D, Western Caucasus

TIF 18 01:17:48.0, 42.37N-43.03E, h14km, MOS 18 01:17:48.3, 1.0, 42.35N-42.93E, h6km, mb4.1/4, Error ellipse: s-maj=4.4km s-min=3.4km az=94.6

ISK 18 01:17:48.1, 42.31N, 42.94E, h5km, ML3.8/17, CFUSG 18 01:17:51.5, 42.36N-43.04E, h33km, mb3.1/3, MD3.4/3, Caucasus Magtype MSB 2, from 4 stations

ISC 18 01:17:48.2, 41.0, 42.36N, 0.01-43.02E, 0.01, h3km, 7km, n203, c1949/304, mb3.8/14, 19C-4D, Western Caucasus

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc.

1098

Table with columns: KMGR, Kislovodsk Arr, 1.61 352 P, P, 01 18 41.6 +4.2, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Yerezhino-Bor, Guroymak-BITLI, and various other frequencies.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MAKZ, MAK2, MAK3, and various other frequencies.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AGG, GUR, THL, and various other frequencies.

18d 1h

Table of satellite data for 18d 1h, listing station names, coordinates, and various parameters like Az, El, and SNR.

2015 NOV

Main table of satellite data for 2015 NOV, listing station names, coordinates, and various parameters like Az, El, and SNR.

1100

Table of satellite data for 1100, listing station names, coordinates, and various parameters like Az, El, and SNR.

1101

EKS2	baz=10.0	↑/S	Sg	01 36 23.6	-3.1
MRKS	Merke 38nm,0.4s	eP	Pb	01 35 54.3	-1.1
MRKS	129nm,0.2s	eS	Sg	01 36 26.1	-2.0
MRKS	Merke 38nm,0.4s	Pg	Pb	01 35 54.3	-1.1
MRKS	129nm,0.2s	Lg	Lg	01 36 26.2	
AAK	Ala-Archa 43nm,0.2s,SNR=42	↑/S	Sg	01 36 29.2	-1.8
AAK	44nm,0.4s	↑/Pn	Pb	01 35 56.0	-0.9
AAK	29nm,0.4s	↑/Lg	Lg	01 36 29.3	
AAK	Ala-Archa baz=22	↑/S	Sb	01 35 55.8	-0.1
KBK	Karagaybulak 23nm,0.2s,SNR=36	↑/P	Pb	01 35 58.4	-1.4
KBK	Karagaybulak baz=29	eP	Pb	01 35 58.0	-1.8
KBK	baz=29	↑/S	Sb	01 36 30.9	-0.9
GAR	Garm baz=40	↑/P	Pn	01 35 57.8	+1.8
GAR	baz=40	↑/S	Sn	01 36 30.0	+1.8
CHMS	Chumysh 27nm,0.3s,SNR=5.5	↑/P	Pb	01 36 01.5	-2.2
CHMS	Chumysh baz=23	↑/P	Pb	01 36 01.2	-2.5
CHMS	baz=23	↑/S	Sb	01 36 36.5	-2.0
DZA	Taraz 81nm,0.1s	eP	Pb	01 36 04.6	+0.3
DZA	416nm,0.2s	eS	Sg	01 36 43.7	-1.3
DZA	Taraz 81nm,0.1s	Pg	Pb	01 36 04.6	+0.3
DZA	416nm,0.2s	Lg	Lg	01 36 43.7	
ULHL	Ulahol 14nm,0.1s,SNR=17	↑/P	Pn	01 36 02.2	+2.4
ULHL	Ulahol baz=49	↑/P	Pn	01 36 02.7	+2.9
ULHL	baz=49	↑/S	Sb	01 36 39.3	-1.9
USP	Ospenovka baz=18	↑/P	Pn	01 36 03.7	+2.8
USP	baz=18	↑/S	Sb	01 36 40.9	-2.8
TKM2	Tokmak 2 26nm,0.3s,SNR=11	↑/P	Pn	01 36 04.9	+2.9
TKM2	Tokmak 2 2.3nm,0.5s	↑/Pn	Pn	01 36 04.7	+2.8
TKM2	10nm,0.3s	↑/P	Pb	01 36 08.9	+0.9
TKM2	29nm,0.7s	↑/Lg	Lg	01 36 50.3	
TKM2	Tokmak 2 baz=34	↑/P	Pn	01 36 04.7	+2.8
TKM2	baz=34	↑/S	Sb	01 36 42.2	-3.5
CHM	Chimkent 5.3nm,0.4s	eP	Pb	01 36 12.6	+0.3
CHM	315nm,0.4s	eS	Sg	01 36 57.5	-2.6
KK02	Karatay Array 0.2nm,0.2s	↑/Pn	Pn	01 36 07.7	+1.8
KK02	3.1nm,0.3s	↑/P	Pb	01 36 14.0	+1.0
KK02	14nm,0.3s	↑/Lg	Lg	01 36 56.5	
DGS	Degeres 25nm,0.5s	eP	Pb	01 36 13.8	+0.1
DGS	26nm,0.7s	eS	Sg	01 36 59.7	-3.0
DGS	Degeres 25nm,0.5s	Pg	Pb	01 36 13.8	+0.1
DGS	26nm,0.7s	Lg	Lg	01 36 59.7	
CHGR	Chuyangaron baz=43	↑/P	Pn	01 36 10.8	+1.8
CHGR	baz=43	↑/S	Sb	01 36 53.2	+1.5
MTBS	Maitube 16nm,0.3s	eP	Pb	01 36 17.7	+0.4
MTBS	25nm,0.2s	eS	Sg	01 37 06.2	-3.3
MTBS	Maitube 16nm,0.3s	Pg	Pb	01 36 17.7	+0.4
MTBS	25nm,0.2s	Lg	Lg	01 37 06.2	
BRLS	Borolday 12nm,0.2s	eP	Pb	01 36 15.8	-1.9
BRLS	34nm,0.1s	eS	Sg	01 37 03.2	+1.1
BRLS	Borolday 12nm,0.2s	Pg	Pb	01 36 15.8	-1.9
BRLS	34nm,0.1s	Lg	Lg	01 37 03.2	
TARG	Taragay, Kyrgyz baz=67	↑/P	Pn	01 36 12.9	+2.1
TARG	baz=67	↑/S	Sn	01 36 56.7	+2.0
TNSS	Tian-Shan 25nm,0.4s	eP	Pb	01 36 22.6	+1.6
TNSS	19nm,0.5s	eS	Sg	01 37 14.6	-1.4
TNSS	Tian-Shan 25nm,0.4s	Pg	Pb	01 36 22.6	+1.6
TNSS	19nm,0.5s	Lg	Lg	01 37 14.6	
AAA	Alma-Ata 45nm,0.2s	eP	Pb	01 36 23.9	+1.4
AAA	100nm,0.4s	eS	Sg	01 37 16.9	-2.4
AAA	Alma-Ata 45nm,0.2s	Pg	Pb	01 36 23.9	+1.4
AAA	100nm,0.4s	Lg	Lg	01 37 16.9	
MDOK	Medeo 21nm,0.5s	eP	Pb	01 36 25.0	+1.8
MDOK	29nm,0.7s	eS	Sg	01 37 18.7	-1.8
MDOK	Medeo 3.8nm,0.5s	↑/Pn	Pn	01 36 17.3	+3.1
MDOK	17nm,0.5s	↑/P	Pb	01 36 25.7	+2.5
MDOK	35nm,0.7s	↑/Lg	Lg	01 37 18.4	
MDOK	Medeo 21nm,0.5s	Pg	Pb	01 36 25.0	+1.8
MDOK	29nm,0.7s	Lg	Lg	01 37 18.7	
KOTS	Kotrybulak 30nm,0.5s	eP	Pb	01 36 25.9	+1.3
KOTS	61nm,0.5s	eS	Sg	01 37 20.1	-3.0
KOTS	Kotrybulak 30nm,0.5s	Pg	Pb	01 36 25.9	+1.3
KOTS	61nm,0.5s	Lg	Lg	01 37 20.1	
KUU	Kury 7.3nm,0.2s	eP	Pb	01 36 28.9	+2.1
KUU	11nm,0.4s	↑/S	Sg	01 37 25.4	-2.0
KUU	Kury 7.3nm,0.2s	Pg	Pb	01 36 28.9	+2.1
KUU	11nm,0.4s	Lg	Lg	01 37 25.4	
BTLS	Baital 3.7nm,0.4s	eP	Pb	01 36 37.3	+2.2
BTLS	11nm,0.3s	eS	Sg	01 37 39.4	-3.7
BTLS	Baital 3.7nm,0.4s	Pg	Pb	01 36 37.3	+2.2
BTLS	11nm,0.3s	Lg	Lg	01 37 39.4	
SATY	Saty 12nm,0.4s	eP	Pb	01 36 37.8	+2.3
SATY	20nm,0.5s	eS	Sg	01 37 40.6	-3.1

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SATY	Saty 12nm,0.4s	4.69	54	Pg	Pb	01 36 37.8	+2.3
SATY	Kuram 20nm,0.5s			Lg	Lg	01 37 40.6	
KURS	Kuram 7.1nm,0.3s	4.80	48	eP	Pb	01 36 39.4	+2.1
KURS	9.1nm,0.6s			eS	Sg	01 37 43.7	-3.5
KURS	Kuram 7.1nm,0.3s	4.80	48	Pg	Pb	01 36 39.4	+2.1
KURS	9.1nm,0.6s			Lg	Lg	01 37 43.7	
KPKS	Kokpek 6.8nm,0.3s	5.09	51	eP	Pb	01 36 44.3	+2.1
KPKS	18nm,0.4s			eS	Sg	01 37 51.9	-4.6
ARXS	Arharly 4.4nm,0.3s	5.11	40	eP	Pb	01 36 45.7	+3.1
ARXS	12nm,0.4s			eS	Sg	01 37 54.2	-2.8
ARXS	Arharly 4.4nm,0.3s	5.11	40	Pg	Pb	01 36 45.7	+3.1
ARXS	12nm,0.4s			Lg	Lg	01 37 54.2	
UZB	Uzynbulak 5.7nm,0.4s	5.12	56	eP	Pb	01 36 45.5	+2.6
UZB	14nm,0.6s			eS	Sg	01 37 54.0	-3.6
UZB	Uzynbulak 5.7nm,0.4s	5.12	56	Pg	Pb	01 36 45.5	+2.6
UZB	14nm,0.6s			Lg	Lg	01 37 53.9	
BLB	Baldybastay 12nm,0.5s	5.36	45	Pg	Pb	01 36 50.0	+3.0
BLB	20nm,0.5s			Lg	Lg	01 38 01.7	
PDGK	Podgomoye 1.9nm,0.4s	5.51	56	Pg	Pb	01 36 53.3	+3.8
PDGK	5.1nm,0.4s			Lg	Lg	01 38 07.5	
PDGK	Podgomoye 3.4nm,0.9s	5.51	56	↑/Pn	Pn	01 36 39.3	+4.0
PDGK	3.1nm,0.7s			↑/P	Pg	01 36 55.2	-3.5
PDGK	17nm,1.0s			↑/Lg	Lg	01 38 07.7	
OTUK	Ortayy 11nm,0.8s	7.86	356	↑/Lg	Lg	01 39 19.4	
AB31	Akbulak array 0.3nm,0.3s,baz=125,slow=14,SNR=5.8	12.91	318	P	Pn	01 38 17.0	+0.4

ATH 18 01:35:29.9,38:55N:20:53E,h13km,1km,ML3,3/9,Error ellipse: s-maj=1.7km s-min=0.6km az=284.0
 BEO 18 01:35:30.3,0:7,38:63N:20:26E,h0km,ML3,2/12
 THE 18 01:35:30.0,38:55N:20:52E,h11km,1km,ML3,5/11,Error ellipse: s-maj=1.4km s-min=0.3km az=65.0
 IDC 18 01:35:31.4,1.6,38:96N:20:47E,h0km,mb3,4/6
 mb1 3.5/6,mb1mx3.3/33,mbtm3.5/6,MS3.1/2,Ms1.1/2,ms1mx2.5/28,Error ellipse: s-maj=40.0km s-min=27.0km az=112.0

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
FSK	Fiskardo	0.10	177	P	Sg	01 35 32.7	0.0
FSK	27km,0.4s			P	Pg	01 35 34.5	-0.3
FSK	Fiskardo	0.10	177	P	Pg	01 35 32.6	0.0
FSK	27km,0.4s			S	Sg	01 35 34.6	-0.3
FSK	comp=E,68640μm,0.3s			AML	AML	01 35 35.0	
EVGI	Lefkada island	0.10	50	P	Pb	01 35 33.0	0.0
EVGI	comp=N,39462μm,0.5s			S	Sb	01 35 35.6	+0.2
EVGI	Lefkada island	0.10	50	P	Pb	01 35 32.9	0.0
EVGI	comp=N,63μm,0.2s			S	Sb	01 35 35.4	0.0
DRAG	Dragano-Lefkad	0.13	7	P	Pg	01 35 32.9	-0.3
DRAG	comp=N,176μm,0.3s			S	Sg	01 35 35.9	+0.3
DRAG	Dragano-Lefkad	0.13	7	P	Pg	01 35 32.8	-0.3
DRAG	comp=N,176μm,0.3s			S	Sg	01 35 36.0	+0.3
NYDR	Nydri-Lefkada	0.19	35	P	Pb	01 35 34.3	-0.3
NYDR	comp=N,9μm,0.3s			S	Sb	01 35 37.4	-0.6
NYDR	Nydri-Lefkada	0.19	35	P	Pb	01 35 34.3	-0.3
NYDR	comp=N,9μm,0.3s			S	Sb	01 35 37.7	-0.3
LKD2	Lefkada island	0.25	19	P	Pb	01 35 35.2	-0.3
LKD2	comp=N,11μm,0.4s			S	Sb	01 35 39.2	-0.4
LKD2	Lefkada island	0.25	19	P	Pb	01 35 35.1	-0.4
LKD2	comp=N,11μm,0.4s			S	Sb	01 35 39.4	-0.2
LKD2	comp=E,21212μm,0.5s			AML	AML	01 35 40.0	
LKD2	comp=N,21639μm,0.3s			AML	AML	01 35 40.2	
TSLK	Tsoukalades, L	0.28	16	P	Pb	01 35 35.9	-0.1
TSLK	comp=N,13μm,0.4s			S	Sb	01 35 40.8	+0.3
TSLK	Tsoukalades, L	0.28	16	P	Pb	01 35 35.5	-0.5
TSLK	comp=N,13μm,0.4s			S	Sb	01 35 40.4	-0.2
TSLK	comp=N,25968μm,0.4s			AML	AML	01 35 41.7	
TSLK	comp=E,24976μm,0.4s			AML	AML	01 35 43.0	
KEF4	Livadi, Keph	0.31	199	P	Pg	01 35 36.2	+0.3
KEF4	comp=E,49μm,0.3s			S	Sg	01 35 41.2	+0.8
KEF4	Livadi, Keph	0.31	199	P	Pg	01 35 36.1	+0.3
KEF4	comp=E,49μm,0.3s			S	Sg	01 35 41.1	+0.7
DMLN	Damoulianata-K	0.35	204	P	Pb	01 35 36.8	+0.3
DMLN	comp=E,7μm,0.5s			S	Sg	01 35 41.5	+0.1
DMLN	Damoulianata-K	0.35	204	P	Pb	01 35 36.6	+0.1
DMLN	comp=E,7μm,0.5s			S	Sg	01 35 41.5	+0.1
VLS	Valsamata	0.38	176	P	Pb	01 35 37.9	-0.3
VLS	comp=N,8μm,0.3s			S	Sb	01 35 43.9	-0.1
VLS	Valsamata	0.38	176	P	Pb	01 35 37.7	-0.3
VLS	comp=N,8μm,0.3s			S	Sb	01 35 43.9	-0.1
VLS	comp=E,11131μm,0.3s			AML	AML	01 35 44.1	
KEF3	Kipouria, Keph	0.39	205	P	Pg	01 35 36.9	-0.3
KEF3	comp=N,17μm,0.5s			S	Sg	01 35 42.9	+0.3
KEF3	Kipouria, Keph	0.39	205	P	Pg	01 35 36.8	-0.3
KEF3	comp=N,17μm,0.5s			S	Sg	01 35 42.9	+0.3
PSDA	Pessada-Kefalo	0.44	177	P	Pb	01 35 42.6	0.0
PSDA	comp=N,1345μm,0.9s						

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PLAI Plampang, TWSI Tallwang, WB0 Warrungu Arr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CNJI Cibinong, CBJI Citeko, INKA Inon, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CNB Canberra Magne, WOLH Wollongong Har, TOO Toolangi, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like M19K, L20K, K20K, J20K, SUA, BELG, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CONA, ARSA, SOKA, MOA, KHC, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SSPA, L61B, PLTB, etc.

NOU 18 01:59:14.7, 15:25S:173:21W, h110km, ML4.5/4, Tonga Islands, Tonga Islands

THE 18 02:14:58.3, 38:80N:20:61E, h9km, 1km, ML2.5/5, Error ellipse: s-maj=1.6km s-min=0.6km az=84.0, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LK02, LK03, TSJK, etc.

PRU 18 02:24:54.0, 49:85N:18:50E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like OKC, OKK, OKL, etc.

IPC 18 02:25:02.4, 40:1, 49:74N:17:27E, h16km, ML-0/4, Error ellipse: s-maj=0.2km s-min=0.3km az=127.0, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MUVK, LOSC, LIPC, etc.

MAN 18 02:25:36.2, 16.73N:120.12E, h33km, mb3.7, ML2.4, MS1.9, Luzon

SJA 18 02:32:43.0, 24.21S:70.63W, h43km, ML4.2
NEIC 18 02:32:43.3, 2.5, 24.28S:0.05:70.2W:0.1, h49km, 5km, mb4.4/8, ML4.2(GUC), Error ellipse: s-maj=13.9km s-min=6.8km az=105.0

GUC 18 02:32:43.9, 0.6, 24.22S:70.10W, h30km, 2km, ML4.1
IDC 18 02:32:44.0, 0.6, 24.45S:69.95W, h52km, 5km, mb4.0/5, mb1.4/0.10, mb1mx3.8/2.4, mbtmpt4.1/1.0, MS3.1/1.1, Ms1.3/1.4, ms1mx2.8/2.4, Error ellipse: s-maj=30.7km s-min=8.3km az=113.0

ISC 18 02:32:41.6, 0.6, 24.31S:0.003:70.05W:0.05, h32km, 4km, n108, c1550/109, mb4.3/5, 5C-1D, Near coast of northern Chile

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

Table with columns: TOR, Torodi Ar. Bea, 79.28 70 P, 02 44 43.9 -0.5. Lists seismic events from Torodi Ar. Bea.

Table with columns: BOS, Boshof, 83.06 118 P, 02 45 04.1 -0.5. Lists seismic events from Boshof.

Table with columns: TOR, Torodi Ar. Bea, 79.28 70 P, 02 44 44.7 -0.4. Lists seismic events from Torodi Ar. Bea.

Table with columns: TOR, Torodi Ar. Bea, 79.28 70 P, 02 44 44.7 -0.4. Lists seismic events from Torodi Ar. Bea.

Table with columns: TOR, Torodi Ar. Bea, 79.28 70 P, 02 44 44.7 -0.4. Lists seismic events from Torodi Ar. Bea.

Table with columns: TOR, Torodi Ar. Bea, 79.28 70 P, 02 44 44.7 -0.4. Lists seismic events from Torodi Ar. Bea.

Table with columns: TOR, Torodi Ar. Bea, 79.28 70 P, 02 44 44.7 -0.4. Lists seismic events from Torodi Ar. Bea.

Table with columns: TOLK, comp=Z, 1.5nm, 1.5s, Iamb, Iamb, 02 48 15.8. Lists seismic events from TOLK.

Table with columns: BMAR, Burnt Mountain, 16.17 26 Pn, 02 47 49.1 +1.0. Lists seismic events from Burnt Mountain.

Table with columns: BMAR, Whitehorse, 16.53 55 P, 02 47 55.7 +0.3. Lists seismic events from Whitehorse.

Table with columns: BMAR, Whitehorse, 16.53 55 P, 02 47 55.7 +0.3. Lists seismic events from Whitehorse.

Table with columns: BMAR, Whitehorse, 16.53 55 P, 02 47 55.7 +0.3. Lists seismic events from Whitehorse.

Table with columns: BMAR, Whitehorse, 16.53 55 P, 02 47 55.7 +0.3. Lists seismic events from Whitehorse.

Table with columns: BMAR, Whitehorse, 16.53 55 P, 02 47 55.7 +0.3. Lists seismic events from Whitehorse.

IDC 18 02:41:49.3, 3.9, 17.16S:174.76W, h284km, 35km, mb3.7/3, mb1.3/7.5, mb1mx3.2/4.3, mbtmpt4.2/5.0, Error ellipse: s-maj=128.6km s-min=24.8km az=151.0, Tonga Islands

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

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

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

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

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

ISU 18 03:01:04.40:30N, 73:20E, h5km
KRNET 18 03:01:04.6, 0.1, 40:36N, 73:18E, h13km, mb3.7
SOME 18 03:01:04.9, 40:57N, 73:22E, h0km

IDC 18 03:01:05.9, 0.6, 39.91N:73.30E, h34km, 12km, mb3.6/2, mb1.3/5.7, mb1mx3.2/5.4, mbtmpt3.6/7, ML3.2/5, MS2.8/1, Ms1.2.8/1, ms1mx2.3/4.8, Error ellipse: s-maj=12.4km s-min=3.6km az=119.0

NMC 18 03:01:06.5, 0.8, 40:52N:73:21E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=7.1km s-min=3.3km az=177.0

KNET 18 03:01:06.2, 0.4, 40:51N:73:30E, h3km, 3km, m3.2, Error ellipse: s-maj=6.2km s-min=3.8km az=97.0

ISC 18 03:01:03.1, 1.1, 40.51N:0.02:73.33E:0.02, h1km, 9km, n108, c1550/125, 31C-30D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Kyrgyzstan.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Kyrgyzstan.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Kyrgyzstan.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Kyrgyzstan.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Kyrgyzstan.

USP	Ospenovka	2.98	17	eP	Pb	03 01 56.0	-1.1
USP	baz=18				Sb	03 02 33.2	-0.8
TKM2	Tokmak 2	3.03	33	↑P	Pb	03 01 56.9	-1.0
TKM2	Tokmak 2	3.03	33	↑P	Pg	03 02 01.3	+0.2
TKM2	Tokmak 2				Lg	03 02 42.3	
TKM2	Tokmak 2	3.03	33	↑P	Pb	03 01 57.5	-0.4
TKM2	baz=35				Sb	03 02 35.5	+0.1
KST	Kastek	3.29	36	eP	Pg	03 02 05.3	-0.8
KST	41nm,0.4s				eS	03 02 48.4	-0.3
KST	Kastek	3.29	36	Pg	Pg	03 02 05.3	-0.8
KST	15nm,0.3s				Lg	03 02 48.4	
DGS	41nm,0.4s	3.37	32	eP	Pg	03 02 06.4	-1.2
DGS	Degeres				eS	03 02 50.6	-0.6
DGS	39nm,0.6s	3.37	32	Pg	Pg	03 02 06.4	-1.2
DGS	31nm,0.5s				Lg	03 02 50.6	
CHM	39nm,0.6s	3.39	305	eP	Pb	03 02 04.9	+0.9
CHM	Chimkent				eS	03 02 47.9	+2.2
KK02	Karatay Array	3.42	323	↑P	Pn	03 01 59.1	+1.6
KK02	2.0nm,0.3s				↑P	03 02 06.7	-1.9
KK02	11nm,0.3s				↑L	03 02 50.9	
MTBS	Matube	3.57	39	eP	Pg	03 02 10.4	-1.1
MTBS	20nm,0.2s				eS	03 02 57.5	-0.3
MTBS	10nm,0.5s	3.57	39	Pg	Pg	03 02 10.4	-1.1
MTBS	20nm,0.2s				Lg	03 02 57.4	
TARG	Taragay, Kyrgy	3.63	67	↑P	Pb	03 02 06.4	-1.9
TARG	baz=67				↑P	03 02 50.9	-2.0
BRLS	Borolday	3.70	316	eP	Pb	03 02 09.0	-0.3
BRLS	47nm,0.2s				eS	03 02 55.1	+0.5
BRLS	Borolday	3.70	316	Pg	Pb	03 02 09.0	-0.3
BRLS	47nm,0.2s				Lg	03 02 55.1	
TNSS	Tian-Shan	3.77	45	↑P	Pg	03 02 14.6	-0.8
TNSS	19nm,0.6s				eS	03 03 04.8	+0.6
TNSS	Tian-Shan	3.77	45	Pg	Pg	03 02 14.6	-0.8
TNSS	11nm,0.2s				Lg	03 03 04.8	
TNSS	19nm,0.6s				Lg	03 03 04.8	
MDOK	Medeo	3.91	44	eP	Pg	03 02 17.1	-0.9
MDOK	10nm,0.5s				eS	03 03 09.0	+0.4
MDOK	35nm,0.6s	3.91	44	Pg	Pg	03 02 18.3	+0.3
MDOK	Medeo				Lg	03 03 10.4	
MDOK	7.8nm,0.5s				Lg	03 03 10.4	
MDOK	28nm,0.6s	3.91	44	Pg	Pg	03 02 17.2	-0.9
MDOK	10nm,0.5s				Lg	03 03 09.0	
MDOK	35nm,0.6s	3.99	44	eP	Pg	03 02 18.6	-1.0
KOTS	Kotyrbulak	3.99	44	eP	Pg	03 02 18.6	-1.0
KOTS	12nm,0.4s				eS	03 03 11.5	+0.2
KOTS	66nm,0.5s	3.99	44	Pg	Pg	03 02 18.6	-1.0
KOTS	Kotyrbulak				Lg	03 03 11.5	
KUU	Kurty	4.14	32	↑P	Pg	03 02 22.1	-0.2
KUU	5.7nm,0.4s				↑P	03 03 17.1	+1.1
KUU	Kurty	4.14	32	Pg	Pg	03 02 22.1	-0.2
KUU	5.7nm,0.4s				Lg	03 03 17.1	
SATY	Saty	4.63	53	↑P	Pg	03 02 30.5	-1.3
SATY	10.0nm,0.7s				↑P	03 03 32.2	+0.4
SATY	23nm,0.5s	4.63	53	Pg	Pg	03 02 30.5	-1.3
SATY	Saty				Lg	03 03 32.2	
SATY	23nm,0.5s				Lg	03 03 32.2	
BTLS	Baital	4.66	6	eP	Pg	03 02 29.5	-2.8
BTLS	5.2nm,0.3s				eS	03 03 30.4	-2.3
BTLS	3.4nm,0.4s	4.66	6	Pg	Pg	03 02 29.5	-2.8
BTLS	Baital				Lg	03 03 30.4	
KURS	Kuran	4.74	48	eP	Pg	03 02 32.6	-1.4
KURS	6.4nm,0.4s				eS	03 03 35.5	+0.1
KURS	Kuran	4.74	48	Pg	Pg	03 02 32.6	-1.4
KURS	6.4nm,0.4s				Lg	03 03 35.5	
KPKS	Kokpek	5.03	51	eP	Pg	03 02 37.6	-1.8
KPKS	7.8nm,0.4s				eS	03 03 44.2	-0.3
KPKS	25nm,0.2s	5.05	40	eP	Pg	03 02 37.8	-2.1
ARXS	Arharly				eS	03 03 44.6	-0.8
ARXS	25nm,0.7s	5.05	40	Pg	Pg	03 02 37.8	-2.1
ARXS	18nm,0.3s				Lg	03 03 44.6	
ARXS	Arharly				Lg	03 03 44.6	
ARXS	5.2nm,0.7s				Lg	03 03 44.6	
ARXS	18nm,0.3s				Lg	03 03 44.6	
UZB	Uzynbulak	5.06	55	eP	Pg	03 02 38.2	-1.8
UZB	6.1nm,0.3s				eS	03 03 45.3	-0.3
UZB	Uzynbulak	5.06	55	Pg	Pg	03 02 38.2	-1.8
UZB	6.1nm,0.3s				Lg	03 03 45.3	
BLB	Baldybastay	5.31	44	Pg	Pg	03 02 43.4	-1.3
BLB	14nm,0.4s				Lg	03 03 54.2	
PDGK	Podgornoye	5.44	56	Pg	Pg	03 02 46.7	-0.6
PDGK	2.8nm,0.7s				Lg	03 03 59.8	
PDGK	7.0nm,0.7s	5.44	56	↑Pn	Pn	03 02 28.8	+3.4
PDGK	Podgornoye				↑P	03 02 46.8	-0.6
PDGK	4.2nm,1.1s				↑L	03 04 00.7	
PDGK	5.1nm,0.7s				↑L	03 04 00.7	
KTMS	Ketmen	6.05	58	eP	Pg	03 02 58.4	-0.6
KTMS	17nm,0.8s				eS	03 04 19.9	+2.5
KTMS	2.7nm,0.5s	6.05	58	Pg	Pg	03 02 58.4	-0.6
KTMS	Ketmen				Lg	03 04 19.9	
KTMS	2.7nm,0.4s				Lg	03 04 19.9	
KTMS	2.7nm,0.5s				Lg	03 04 19.9	
KAPS	Kapalarasan	6.58	40	eP	Pg	03 03 07.0	-2.1
KAPS	2.8nm,0.6s				eS	03 04 34.7	+0.2
KAPS	7.4nm,0.6s	6.58	40	Pg	Pg	03 03 07.0	-2.1
KAPS	Kapalarasan				eS	03 04 34.7	+0.2
KAPS	2.8nm,0.6s				Lg	03 03 07.0	-2.1

KAPS	7.4nm,0.6s				Lg	03 04 34.7	
OTUK	Ortay	7.87	355	↑L	Lg	03 05 14.0	
OTUK	25nm,0.3s				Lg	03 05 14.0	
MKAR	Makanchi Array	9.10	43	Pn	Pn	03 03 17.9	+2.4
MKAR	0.1nm,0.3s,baz=221,slow=13,SNR=1.5				Pn	03 03 45.0	+5.8
KURBB	Kurchatov Arra	10.84	18	Pn	Pn	03 04 06.6	-1.7
KURBB	0.1nm,0.3s,baz=211,slow=13,SNR=6.1				Pn	03 04 38.7	+0.6
AB31	Aktbulak array	12.96	317	P	P	03 04 31.2	-0.5
AB31	0.0nm,0.3s,baz=126,slow=15,SNR=3.4				P	03 04 47.4	-1.0
AKTO	Aktubinsk	14.67	318	Pn	Pn	03 04 31.2	-0.5
AKTO	0.6nm,0.3s,baz=121,slow=15,SNR=10				Pn	03 04 47.4	-1.0
AKTO	Aktubinsk	14.67	318	↑P	LR	03 14 56.8	
AKTO	2.2nm,0.6s				LR	03 14 56.8	
ZALV	Zalesovo Beam	15.60	26	Pn	Pn	03 08 25.5	+0.8
ZALV	0.2nm,0.3s,baz=243,slow=6.3,SNR=2.1				LR	03 12 02.8	+0.9
GNI	Garni	21.78	279	LR	LR	03 12 02.8	+0.9
GNI	comp=Z,29nm,21.9s,baz=107,slow=38				LR	03 12 02.8	+0.9
ARCES	ARCES Array B	38.30	333	P	P	03 08 25.5	+0.8
ARCES	1.8nm,0.8s,baz=96,slow=8.3,SNR=4.7				P	03 12 02.8	+0.9
TORD	Torodi Ar. Bea	67.65	268	P	P	03 12 02.8	+0.9
TORD	0.4nm,0.6s,baz=46,slow=5.5,SNR=3.8				P	03 12 02.8	+0.9

IDC 18 03:06:03.9.0.7,8'51S, 158'85E, h0km, mb4.1/9, mb1.4/311, mb1mx4.1/33, mbmp4.2/11, ML4.0/2, MS3.3/17, Ms1.3/3.17, ms1mx3.2/33, Error ellipse: s-maj=19.5km s-min=15.3km az=40.0

NEIC 18 03:06:08.6.1.3, 8.47S:0.10x, 158.92E:0.07, h32km, 5km, mb4.6/13, Error ellipse: s-maj=14.3km s-min=9.6km az=198.0

ISC 18 03:06:08.9.0.6,8'50S:0.10x, 158'87E:0.09, h35km, n41, c087/32, mb4.1/15, MS3.3/15, Bougainville-Solomon islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
HNR	Honiara	1.41	131	Pn	Pn	03 06 31.6	-0.5
HNR	372nm,0.3s,baz=282,slow=8,SNR=24				Sn	03 06 52.1	+2.7
HNR	2μm,0.3s,baz=118,slow=21,SNR=14				LR	03 07 19.1	
HNR	comp=Z,2.0nm,19.0s,baz=294,slow=53				LR	03 06 31.2	-0.9
HNR	Honiara	1.41	131	Pn	Pn	03 05 48.9	-0.6
HNR	comp=Z,2.09nm,19.6s,baz=171,slow=37				LR	03 10 08.9	
PMG	Port Moresby	11.60	265	LR	LR	03 09 43.6	+0.7
PMG	comp=Z,2.209nm,19.6s,baz=171,slow=37				LR	03 10 06.1	
DZM	Mont Dzumac	15.34	152	Pn	Pn	03 09 43.3	+0.4
DZM	0.1nm,0.3s,baz=91,slow=19,SNR=1.6				Iamb	03 10 29.1	+0.1
DZM	Mont Dzumac	15.34	152	Pn	Iamb	03 10 29.1	+0.1
JAY	Jayapura	19.02	287	P	Pn	03 10 29.1	+0.1
JAY	comp=Z,2.4nm,0.3s,baz=176,slow=4.3,SNR=7.7				LR	03 18 10.4	
GUMO	Guam	25.98	328	LR	LR	03 21 06.4	
GUMO	comp=Z,82nm,21.1s,baz=3,slow=38				P	03 11 40.1	+0.1
WR0	Warramunga Arr	26.14	242	P	Iamb	03 12 15.1	
WR0	comp=Z,3.4nm,2.0s				Iamb	03 11 40.4	-0.2
WB0	Warramunga Arr	26.20	242	P	Iamb	03 12 12.6	
WB0	comp=Z,6.4nm,1.1s				Iamb	03 11 41.0	-0.4
WB2	Warramunga Arr	26.30	242	P	Iamb	03 12 10.9	
WB2	comp=Z,4.0nm,0.8s				P	03 11 41.0	-0.5
WRA	Warramunga Arr	26.31	242	P	LR	03 21 38.2	
WRA	comp=Z,2.3nm,0.8s,baz=65,slow=9.2,SNR=16				LR	03 11 41.1	-0.4
WRA	Warramunga Arr	26.31	242	P	P	03 11 59.0	0.0
AS31	Alice Springs	28.25	235	P	P	03 11 58.4	-0.6
AS31	comp=Z,1.6nm,0.8s,baz=62,slow=8.8,SNR=15.5				P	03 11 58.0	-1.1
ASAR	Alice Springs	28.25	235	P	P	03 11 59.3	+0.4
ASAR	comp=Z,2.0nm,0.6s,baz=37,slow=14,SNR=5.1				LR	03 22 54.1	
ASAR	Alice Springs	28.25	235	P	P	03 11 59.6	+0.7
STKA	Stephens Creek	28.26	212	P	LR	03 25 24.8	
STKA	comp=Z,2.4nm,18.3s,baz=170,slow=41				LR	03 12 07.6	-0.6
AFI	Afiamau	29.28	103	P	P	03 12 33.0	+0.1
AFI	comp=Z,4.1nm,0.8s,baz=78,slow=23,SNR=4.4				P	03 12 52.6	-0.1
BBOO	Buckleboo	32.10	218	P	P	03 27 46.6	
BKZ	Black Stump Fm	34.39	155	P	P	03 13 08.5	-0.7
BKZ	comp=Z,2.6nm,21.4s,baz=90,slow=38				Iamb	03 13 33.3	
BATI	Baumata	34.77	264	LR	LR	03 30 48.2	
BATI	comp=Z,2.2nm,0.8s				LR	03 31 31.9	
KAPI	Kappang	38.98	273	LR	LR	03 31 31.9	
KAPI	comp=Z,16nm,18.8s,baz=111,slow=38				LR	03 35 22.0	
HJH	Hachijo jima 2	45.20	337	LR	LR	03 32 44.1	
HJH	comp=Z,5.7nm,21.5s,baz=90,slow=34				LR	03 36 50.0	
MJAR	Matsushiro Arr	48.83	338	LR	LR	03 36 50.0	
MJAR	comp=Z,3.2nm,19.8s,baz=97,slow=36				LR	03 38 44.9	
PPT	Papeete	50.90	106	LR	LR	03 39 46.3	
PPT	comp=Z,3.2nm,21.0s,baz=168,slow=31				LR	03 11 07.7	+0.4
KRSR	Korea Array	54.11	330	LR	LR	03 39 46.3	
KRSR	comp=Z,1.8nm,20.5s,baz=185,slow=34				LR	03 11 07.7	+0.4
USRK	Ussuriysk Arr	57.82	337	P	P	03 13 08.5	

18d 4h

Table with columns for station code, name, SNR, frequency, and other parameters. Includes stations like HANB Haenam, KSJDO Jindo, KSMAS Masan, etc.

2015 NOV

Table with columns for station code, name, SNR, frequency, and other parameters. Includes stations like TEY, ASAJ, JKA, ENH, HHC, etc.

1110

Table with columns for station code, name, SNR, frequency, and other parameters. Includes stations like KMI, DAV, SLVN, GTA, etc.

18d 4h

Table with columns: Station Name, Elevation, Azimuth, Phase, ID, Time, Res. Includes stations like EIL, LANS, MOCR, WYHS, etc.

2015 NOV

Table with columns: Station Name, Elevation, Azimuth, Phase, ID, Time, Res. Includes stations like HVU, HVO, LAO, R11A, etc.

1112

Table with columns: Code, Station Name, Elevation, Azimuth, Phase, ID, Time, Res. Includes stations like CFSC, RSCB, BBRC, etc.

ANF 18 04:41:33.0, 2.0, 34.17N x 117.44W, h9km, 3km, ML3.5/35, ML3.4/20, Error ellipse: s-maj=1.6km s-min=1.4km az=34.0, Southern California

ANF 18 04:41:47.5, 0.2, 34.17N x 117.43W, h10km, Error ellipse: s-maj=1.5km s-min=1.3km az=32.0
NEIC 18 04:41:48.2, 0.8, 34.18N x 117.42W, h18km, 3km, Error ellipse: s-maj=3.0km s-min=2.1km az=69.0
PAS 18 04:41:48.7, 1.2, 34.175N x 117.44W, h0.01, h11km, 2km, ML3.5/278, ML3.1/20(NEIC), Error ellipse: s-maj=1.6km s-min=1.3km az=52.0
ISC 18 04:41:48.3, 0.8, 34.18N x 117.44W, h17km, 6km, n55, c097/80, Southern California

PRU 18 04:51:08.0, 0.0, 51.51N x 16.20E, h0km
VIE 18 04:51:09.9, 1.2, 51.38N x 16.00E, h0km, mb2.63, ml2.9/2,

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like KLRM, KIRV, AKTO, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like HDA, WRH, USRK, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like LTHK, RLS, RLS, etc.

18d 5h

Table with columns: DUGI, Dugi Otok, 6.83 325 ePn, Pn, 05 24 57.0 +0.2, etc.

Table with columns: KRNET, 18 05:26:34.5, 0.1, 40.37N, 73.21E, h17km, mb4.2, etc.

Table with columns: ISU, 18 05:26:34, 40.20N, 73.10E, h10km, etc.

Table with columns: KNVET, 18 05:26:35.3, 0.4, 40.48N, 73.28E, h4km, m3.8, Error ellipse: s-maj=9.9km, s-min=2.8km, az=93.0

Table with columns: SOME, 18 05:26:39.7, 0.4, 63N, 73.40E, h0km, etc.

Table with columns: NNC, 18 05:26:39.0, 1.4, 40.56N, 73.31E, h0km, mb4.4, mpv4.2, Error ellipse: s-maj=12.2km, s-min=5.8km, az=177.0

Table with columns: ISC, 18 05:26:33.5, 1.1, 40.37N, 02.73, 29E, h0km, 8km, n99, c1588/142, mb3.77, 50C-22D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SFK, Sufi-Kurgan, 0.39 155 Op Pn, etc.

Table with columns: SFK, Sufi-Kurgan, 0.39 155 Op Pn, Sg, 05 26 42.3 +2.3, etc.

Table with columns: Sg, 05 26 42.3 +2.3, Sg, 05 26 42.0 +0.5, etc.

Table with columns: Sg, 05 26 42.0 +0.5, Sg, 05 26 41.6 +0.1, etc.

Table with columns: Sg, 05 26 41.6 +0.1, Sg, 05 26 46.9 +0.1, etc.

Table with columns: Sg, 05 26 46.9 +0.1, Sg, 05 26 47.6 +1.6, etc.

Table with columns: Sg, 05 26 47.6 +1.6, Sg, 05 26 57.0 +2.5, etc.

Table with columns: Sg, 05 26 57.0 +2.5, Sg, 05 26 55.0 -1.5, etc.

Table with columns: Sg, 05 26 55.0 -1.5, Sg, 05 27 11.0 +0.6, etc.

Table with columns: Sg, 05 27 11.0 +0.6, Sg, 05 27 00.8 -0.4, etc.

Table with columns: Sg, 05 27 00.8 -0.4, Sg, 05 27 19.5 -0.5, etc.

Table with columns: Sg, 05 27 19.5 -0.5, Sg, 05 27 07.8 +0.7, etc.

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Table with columns: KST, 47nm, 0.9s, Lg, Lg, 05 28 19.5, etc.

Table with columns: CHM, Chimkent, 3.39 306 eP, Sg, 05 27 38.9 +0.5, etc.

Table with columns: DGS, Degeres, 3.42 32 eP, Pg, 05 27 38.4 -0.6, etc.

Table with columns: DGS, Degeres, 3.42 32 Pg, Pg, 05 27 38.4 -0.6, etc.

Table with columns: DGS, Degeres, 3.42 32 Lg, Pg, 05 27 38.4 -0.6, etc.

Table with columns: DGS, Degeres, 3.42 32 eP, Pn, 05 27 31.2 +3.3, etc.

Table with columns: DGS, Degeres, 3.42 32 eP, Sn, 05 28 11.9 +2.9, etc.

Table with columns: DGS, Degeres, 3.43 324 U Pn, Pn, 05 27 29.7 +1.8, etc.

Table with columns: DGS, Degeres, 3.42 324 U Pn, Pn, 05 27 29.7 +1.8, etc.

Table with columns: DGS, Degeres, 3.62 243 U Pn, Pn, 05 27 32.0 +1.5, etc.

Table with columns: DGS, Degeres, 3.62 39 eP, Sg, 05 27 43.7 +0.8, etc.

Table with columns: DGS, Degeres, 3.62 39 eP, Sg, 05 27 43.7 +0.8, etc.

Table with columns: DGS, Degeres, 3.62 39 eP, Sg, 05 27 43.7 +0.8, etc.

Table with columns: DGS, Degeres, 3.62 39 eP, Sg, 05 27 43.7 +0.8, etc.

Table with columns: DGS, Degeres, 3.62 39 eP, Sg, 05 27 43.7 +0.8, etc.

Table with columns: DGS, Degeres, 3.62 39 eP, Sg, 05 27 43.7 +0.8, etc.

Table with columns: DGS, Degeres, 3.62 39 eP, Sg, 05 27 43.7 +0.8, etc.

Table with columns: DGS, Degeres, 3.62 39 eP, Sg, 05 27 43.7 +0.8, etc.

Table with columns: DGS, Degeres, 3.62 39 eP, Sg, 05 27 43.7 +0.8, etc.

1116

Table with columns: 1.4nm, 0.7s, Lg, Pg, 05 28 19.5, etc.

Table with columns: OTUK, 3.2nm, 0.8s, Lg, Pg, 05 28 19.5, etc.

Table with columns: MKAR, Makanchi Array, 9.16 42 Pn, Pg, 05 28 21.1 -1.3, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

Table with columns: MKAR, Kurchatov Arra, 10.89 18 Pn, Pg, 05 28 21.0 +4.2, etc.

18d 10h

PDAR Pinedale Array 88.87 39 P 08 52 51.0+0.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes NNC 18 08:47:23.1±3.8, 36.73N; 70.81E, h102km±104km, mb3.2, mpv3.7, 4C-1D, Error ellipse: s-maj=35.7km...

IDC 18 08:58:34.4±1.5, 38.64N; 20.62E, h0km, mb3.8/9, mb1 3.9/9, mb1mx3.6/52, mbtmp3.8/9, MS2.9/2, M51 3.0/2, ms1mx2.3/49, Error ellipse: s-maj=29.2km s-min=26.6km...

BEO 18 08:58:36.0±1.1, 38.54N; 20.10E, h0km, ML3.4/6, ATH 18 08:58:37.0±3.8, 60N; 20.57E, h12km±1km, ML3.4/7, Error ellipse: s-maj=1.6km s-min=0.6km az=290.0...

THE 18 08:58:37.0±3.8, 60N; 20.55E, h11km±1km, ML3.6/11, Error ellipse: s-maj=1.1km s-min=0.3km az=5.0...

ISC 18 08:58:36.4±0.7, 38.61N; 0.02-20.61E±0.03, h15km±4km, n71, c082/98, mb3.8/9, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes EVGI Lefkada island 0.04 64 P, DRAG Dragano-Lefkad 0.09 339 P, NYDR Nydri-Lefkada 0.13 31 P, FSK Fiskardo 0.15 196 P, FSK Fiskardo 0.15 196 P.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LK2D Lefkada island 0.11 19 P, LK2D Lefkada island 0.11 19 P, LK2D Lefkada island 0.11 19 P, LK2D Lefkada island 0.11 19 P.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes DMLN Damouliana-K 0.41 207 P, DMLN Damouliana-K 0.41 207 P, LXRRA Lixouri, Kepha 0.43 199 P, VLS Valsamata 0.43 183 P, VLS Valsamata 0.43 183 P.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KEF3 Kipouria, Keph 0.45 208 P, KEF3 Kipouria, Keph 0.45 208 P, PSDA Pessada-Kefalo 0.49 183 P, PSDA Pessada-Kefalo 0.49 183 P.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes VTN Vitineika 0.82 147 P, RLS Riolos of Patr 0.86 123 P, LTHK Lithakia 0.91 169 P, LTHK Lithakia 0.91 169 P.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LAKA Lakka 1.13 108 P, TRIZ Trizonia 1.17 101 P, MAKRA Makrakomi, Fth 1.25 71 P, KASA Kassiope 1.26 335 P.

2015 NOV

Table with columns: VAY Valandovo 3.10 28 ePn, VAY Valandovo 3.10 28 ePn, STIP Stip 3.31 21 ePn, PDG Podgorica 3.96 345 eS.

Table with columns: PRVS Prvonec 4.05 15 ePn, BARS Barje 4.30 12 ePn, TREB Trebinje 4.45 338 ePn, VTS Vitosa 4.48 26 ePn, SJES Sjenica 4.68 354 ePn.

Table with columns: MKAR Makochi Array 45.02 59 P, ZALV Zalesovo Beam 45.35 48 P, JMA 18 09:03:56.9±0.4, 31.47N; 128.80E, h9km, 3km, M3.3.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes JSU Shimokoshiki 0.72 76 Op, JSU Fukue jima 2 1.15 354 P, JSU Suzuyama 1.33 90 P.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes JMA 18 09:05:47.2±0.3, 31.46N; 128.79E, h8km, 2km, M3.6, Northwest of Ryukyu Islands.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes NNC 18 09:16:43.0±1.5, 37.27N; 71.39E, h155km, 34km, mb2.8, mpv3.6, 3C-3D, Error ellipse: s-maj=17.3km...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes JMA 18 09:47:13.4±1.5, 41.35N; 0.03-124.55W±0.07, h21km±5km, ISC 18 09:47:13.4±1.5, 41.35N; 0.03-124.55W±0.07, h21km±5km.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KRMB Red Mountain 0.51 70 P, KRMB Red Mountain 0.51 70 P, JCC Jacoby Creek 0.67 143 IAML, JCC Jacoby Creek 0.67 143 IAML.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KHM Horse Mountain 0.78 127 P, KOMM Orleans Mounta 0.83 95 P, KBO Bosley Junction 0.89 16 P.

1120

Table with columns: N02D baz=285, K02D Willamette Mer 1.50 26 P, K02D baz=206, SNR=34, KEBM Edson Butte 1.53 6 Pn, KEBM Edson Butte 1.53 6 Pn.

Table with columns: KEBM comp=E, 252nm, 1.1s, KEBM comp=N, 214nm, 1.6s, WDC Bell Springs 1.61 153 Pn, WDC Whiskeytown Da 1.71 116 Pn.

Table with columns: HUMO Hull Mountain 1.73 43 Pn, HUMO Hull Mountain 1.73 43 Pn, HUMO comp=E, 210nm, 0.4s, HUMO comp=N, 203nm, 0.4s, LHEM Herd Peak 1.77 80 P.

Table with columns: K05A comp=E, 49nm, 4.8s, K05A comp=N, 61nm, 4.6s, J05D Fort Rock, OR 3.13 51 S, MOD Modoc Plateau 3.23 79 Pn.

Table with columns: SAO San Andreas Ge 5.18 151 Pn, RYN Ryan 5.37 118 Pn, KVN Kaiserville 5.45 113 Pn, F10A Beck Ranch, E 7.04 47 Sn.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes SIEB Ecole de Borzu 0.05 164 P, SIEB Ecole de Borzu 0.05 164 P, SIEB Leukerbad 0.09 62 P, SIEB Leukerbad 0.09 62 P.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LAUCH Lauchernalp 0.19 68 P, LAUCH Lauchernalp 0.19 68 P, EMBD Embd, Mattera 0.26 120 P, DIX Grande Dixence 0.28 196 P.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KRUC Moravsky 0.07 67 ePn, VRAC Vranov 0.34 36 ePn, MORC Moravsky Berou 1.10 47 ePn, CONA Conrad Observa 1.14 195 ePn.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes TAVE Taveuni 2.79 312 P, DGTI Dogotuki 2.32 313 P, MSVF Nonsavu 4.09 282 P, MSVF Nonsavu 4.09 282 P.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like DZM, NOUC, KNTN, OUZ, WAZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like FRB, RES, RES, IVI, NRS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like ZEYE, BALLY, BALLY, BILE, etc.

NEIC 18 10:19:53.0, 1.4, 71.2N, 0.1, 64.3W, 0.3, h15km, 5km, Error ellipse: s-maj=17.4km s-min=12.4km az=46.0

OT 18 10:19:53.8, 1.3, 71.1N, 64.35W, h18km, ML4.42, Buffin Bay Seismic Station, 175km northeast from Clyde River, NU

ISC 18 10:19:52.2, 0.7, 71.1N, 64.42W, 0.06, h10km, m27, +152/23, mb4.5/11, Buffin Bay

18d 11h

WATZ	Wairara	0.61 47	P	Pn	11 05 51.5 -0.5
WAZ	Wanganui	0.64 192	P	Pn	11 05 52.9 +0.8
HIZ	Hauti	0.66 339	P	Pn	11 05 51.2 -1.1
LREZ	Lake Rotokare	0.68 240	P	Pn	11 05 52.7 +0.4
DREZ	Durham Road	0.75 265	P	Pn	11 05 47.5 -5.3
BHHZ	Black Hill Sta	0.79 118	P	Pn	11 05 53.3 +0.2
BHZZ	Black Hill Sta	0.79 118	P	Pn	11 05 53.3 +0.2
PREZ	Palmer Road	0.81 254	P	Pn	11 05 53.3 0.0
KUTZ	Kaahu Road	0.82 39	P	Pn	11 05 52.8 -0.5
NEZ	North Egmont	0.84 260	P	Pn	11 05 53.4 -0.1
TLZ	Tolley Road	0.85 21	P	Pn	11 05 52.3 -1.2
KHEZ	Kahui Hut	0.91 259	P	Pn	11 05 53.8 +0.2
PKE	Puketiti	0.91 265	P	Pn	11 05 53.8 -0.2
KWHZ	Kaweka Forest	1.02 107	P	Pn	11 05 55.6 +0.7
BKZ	Black Stump Fm	1.04 93	P	Pn	11 05 54.9 -0.2
KRHZ	Kereru	1.07 119	P	Pn	11 05 55.9 +0.6
CHWZ	Ohakea	1.08 152	P	Pn	11 05 56.3 +1.1
RHZ	Takapari Road	1.12 147	P	Pn	11 05 56.9 +0.9
PNHZ	Pukeni	1.13 135	P	Pn	11 05 56.4 +0.6
MCHZ	McNeill Hill	1.23 105	P	Pn	11 05 57.6 +0.9
NMHZ	Naumai	1.28 89	P	Pn	11 05 57.8 +0.5
MTHZ	Maungataniwha	1.34 79	P	Pn	11 05 56.9 -0.9
POWZ	Post Office Ro	1.35 160	P	Pn	11 05 58.0 +0.2
WPHZ	Waipukurua	1.36 144	P	Pn	11 05 58.4 +0.5
DVHZ	Dannevirke	1.41 147	P	Pn	11 05 58.6 +0.2
MUGZ	Murupara	1.42 63	P	Pn	11 05 56.8 -1.7
TOZ	Tahuroa Road	1.42 11	P	Pn	11 05 56.6 -1.9
KAHZ	Kahuranaki	1.49 117	P	Pn	11 05 59.8 +0.8
RTZ	Ruataniwha	1.51 71	P	Pn	11 05 58.1 -1.2
RAHZ	Arahi	1.52 83	P	Pn	11 05 59.4 -0.2
PRWZ	Pori Road	1.56 157	P	Pn	11 06 00.4 +0.4
MRZ	Mangatainokoa R	1.57 168	P	Pn	11 05 60.0 -0.1
PKZ	Pawani	1.60 125	P	Pn	11 06 00.6 +0.2
KAHZ	Koranganahau	1.61 135	P	Pn	11 06 00.9 -2.9
ANWZ	Angora Road	1.67 143	P	Pn	11 06 01.6 +0.4
OGWZ	Otake Gorge	1.69 180	P	Pn	11 06 01.4 +0.1
TIWZ	Tintock	1.74 162	P	Pn	11 06 01.8 -0.2
KIW	Kapiti Island	1.74 186	P	Pn	11 06 01.5 -0.4
URZ	Urewera	1.76 61	P	Pn	11 05 59.9 -2.2
Birch Farm	Birch Farm	1.77 152	P	Pn	11 06 02.1 -0.1
HOWZ	Holdsworth Sta	1.79 171	P	Pn	11 06 02.2 -0.3
DWZ	D'Urville Isla	1.93 209	P	Pn	11 06 03.0 -1.0
CAW	Cannon Point	1.98 182	P	Pn	11 06 04.1 -0.5
MWZ	Matawai	2.02 68	P	Pn	11 06 03.1 -2.0
MTW	Mount Morrison	2.05 173	P	Pn	11 06 04.5 -0.8
TMWZ	Te Mataira	2.07 164	P	Pn	11 06 04.2 -0.6
RIGZ	Rimuhau	2.07 79	P	Pn	11 06 04.5 -1.3
PRGZ	Paritu Road	2.13 85	P	Pn	11 06 05.3 -1.2
MHGZ	Mahia Peninsula	2.14 92	P	Pn	11 06 05.7 -0.8
WEL	Wellington	2.18 188	P	Pn	11 06 06.0 -0.9
TCW	Tony Channel	2.19 198	P	Pn	11 06 06.2 -0.8
TKGZ	Te Karaka	2.21 73	P	Pn	11 06 05.8 -1.5
PAWZ	Paruru Farm	2.26 175	P	Pn	11 06 06.9 -1.1
RUGZ	Raukumara Rang	2.29 60	P	Pn	11 06 05.1 -3.3
TRWZ	Traveller	2.31 170	P	Pn	11 06 07.5 -0.9
TWZ	Tauwharepare	2.40 68	P	Pn	11 06 07.8 -1.9
KUZ	Kuatunu	2.42 112	P	Pn	11 06 06.9 -2.9
PLWZ	Palliser	2.44 178	P	Pn	11 06 08.7 -1.4
CNGZ	Carnagh Statio	2.47 76	P	Pn	11 06 08.9 -1.5
HAZ	Te Kaha	2.47 57	P	Pn	11 06 07.0 -3.4
TUWZ	Tuamarina	2.48 202	P	Pn	11 06 09.2 -1.3
NWZ	Nelson	2.49 213	P	Pn	11 06 08.7 -2.0
PKGZ	Pakihoro	2.60 63	P	Pn	11 06 09.2 -0.7
QRZ	Quartz Range	2.64 229	P	Pn	11 06 09.6 -2.9
PUZ	Puketiti	2.65 68	P	Pn	11 06 09.9 -2.7
BSWZ	Blackbirch Sta	2.77 200	P	Pn	11 06 12.8 -1.2
WMGZ	Waiomatatini S	2.87 64	P	Pn	11 06 12.4 -3.0
THZ	Tophouse	3.15 124	P	Pn	11 06 16.2 -2.4
KHZ	Kahurangi	3.51 200	P	Pn	11 06 21.5 -1.9
DSZ	Denniston Nort	3.66 223	P	Pn	11 06 21.7 -3.7
GVZ	Greta Valley S	4.16 202	P	Pn	11 06 20.9 -2.9
LTZ	Lake Taylor	4.26 210	P	Pn	11 06 30.0 -3.1
INZ	Inchbonnie	4.56 217	P	Pn	11 06 34.2 -2.9
OXZ	Oxford	4.81 215	P	Pn	11 06 42.5 -4.8
MHCZ	Mount Hut	5.17 210	P	Pn	11 06 40.9 -4.2
TMZ	Timaru	6.10 209	P	Pn	11 06 53.3 -4.2

STR 18 11:10:00.3±0.4, 42°N±4'±", h0km, mb3.5/1, MLV3/3/17, preliminary
 MRB 18 11:10:00.6±0.3, 42°33'N±1'95E, h6km, 3km, ML3.0/21, Error ellipse: s=maj=0.9km s-min=0.8km az=189.0
 LDG 18 11:10:01.5±0.1, 42°33'N±1'97E, h2km, MG3.3, MI3.6/43, Error ellipse: s=maj=1.7km s-min=1.3km az=153.0
 MDD 18 11:10:01.1±0.2, 42°33'N±1'96E, h2km, 2km, mBL3.2/39, Error ellipse: s=maj=1.6km s-min=1.5km az=110.0, PRX100

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
CLLI	Llivia	0.10 349	P	11 10 03.9 +0.6	Pb
CLLI	4um,0.2s	0.10 349	P	11 10 03.8 +0.6	Pb
CLLI	225nm,0.1s,SNR=18		Lg	11 10 06.1	Lg
CLLI	62m,0.2s,SNR=14		Lg	11 10 06.1	Lg
CBRU	Bruguera	0.16 124	P	11 10 04.1 -0.1	Pb
CBRU	4um,0.2s		S	11 10 06.9 +0.5	Sb
CBRU	Bruguera	0.16 124	P	11 10 04.0 -0.1	Pb
CBRU	4um,0.2s		S	11 10 07.2 -0.1	Sb
ARBS	La Rabassa	0.34 282	P	11 10 07.1 -0.3	Pb
ARBS	2um,0.4s		S	11 10 12.2 -0.5	Sb
PAND	Andorre	0.37 294	Pg	11 10 07.5 -0.3	Pg
PAND	2um,0.4s		Sg	11 10 12.3 +0.1	Sg
CORI	Orista	0.40 175	S	11 10 07.5 -0.5	S
CORI	1um,0.2s		S	11 10 12.6 -0.5	S
CORI	Orista	0.40 175	Pg	11 10 07.4 -0.1	Pg
CORI	1um,0.2s		Sg	11 10 12.6 -0.5	Sg
FILF	Filfols	0.45 66	P	11 10 08.5 -0.1	P
FILF	438nm,0.2s		S	11 10 14.4 -0.3	S
CBEU	Beuda	0.52 103	P	11 10 11.0 +0.7	P
CBEU	1um,0.4s		S	11 10 18.5 +1.1	S
CBEU	Beuda	0.52 103	P	11 10 10.9 +0.7	P
CBEU	1um,0.4s		S	11 10 19.0 +1.5	S
CORG	Organya	0.53 254	P	11 10 09.7 -0.2	P
CORG	279nm,0.3s		S	11 10 17.2 -0.6	S
CORG	Organya	0.53 254	P	11 10 09.7 -0.2	P
CORG	140nm,0.3s		S	11 10 17.2 -0.6	S
FNEB	Nbias	0.53 9	Pg	11 10 11.9 -0.7	Pg
FNEB	2um,0.4s		Sg	11 10 20.3 -1.0	Sg
FNEB	Nbias	0.53 9	Pg	11 10 11.8 -0.7	Pg
FNEB	2um,0.4s		Sg	11 10 19.7 +1.6	Sg
FNEB	Nbias	0.53 9	Pg	11 10 12.4 -0.1	Pg
FNEB	2um,0.4s		Sg	11 10 20.9 -0.5	Sg
EMIR	Miracle	0.58 218	Pg	11 10 10.5 -0.3	Pg
EMIR	Miracle	0.58 218	Pg	11 10 10.5 -0.3	Pg
EMIR	42nm,0.2s,SNR=18		Lg	11 10 17.7	Lg
EMIR	624nm,0.1s,SNR=15		Lg	11 10 17.7	Lg
CEST	Estერი de Car	0.59 292	P	11 10 11.5 -0.1	P
CEST	474nm,0.3s		S	11 10 19.5 -0.3	S
CEST	Estერი de Car	0.59 292	P	11 10 11.4 -0.1	P
CEST	474nm,0.3s		S	11 10 19.2 +0.1	S
CSOR	Sort	0.64 270	P	11 10 12.0 0.0	P
CSOR	552nm,0.4s		S	11 10 20.6 +0.1	S
CSOR	Sort	0.64 270	Pg	11 10 12.3 -0.1	Pg
CSOR	10nm,0.1s,SNR=407		Lg	11 10 21.2	Lg
CSOR	542nm,0.2s		Lg	11 10 21.2	Lg
EJON	La Jonquera	0.66 83	Pg	11 10 13.7 -0.6	Pg
EJON	1.9nm,0.1s,SNR=18		Lg	11 10 23.2	Lg
EJON	La Jonquera	0.66 83	Pg	11 10 13.6 -0.6	Pg
EJON	1.9nm,0.1s,SNR=18		Lg	11 10 23.2	Lg

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SJAF	Saint Jean de	0.66 80	Pg	Pn	11 10 13.5 -0.7
SJAF	Saint Jean de	0.66 80	Pg	Pn	11 10 13.6 -0.7
SJAF	257nm,0.2s		S	Pn	11 10 23.7 -0.7
SJAF	Saint Jean de	0.66 80	Pg	Pn	11 10 13.7 -0.6
SJAF	2.8nm,0.1s,SNR=7.9		Lg	Lg	11 10 23.2
CFON	Fontmartina	0.69 152	P	Pb	11 10 13.2 -0.1
CFON	702nm,0.2s		S	Pb	11 10 22.9 +0.3
CFON	Fontmartina	0.69 152	Pg	Pb	11 10 13.1 -0.1
CFON	11nm,0.1s,SNR=18		Lg	Lg	11 10 22.7
CCAS	Cassa de la Se	0.83 126	P	Pn	11 10 16.3 -0.3
CCAS	374nm,0.3s		S	Pn	11 10 27.7 -0.9
CCAS	Cassa de la Se	0.83 126	P	Pn	11 10 16.3 -0.3
CCAS	374nm,0.3s		S	Pn	11 10 28.3 -0.2
CPAL	Palau Saverder	0.86 94	P	Pn	11 10 17.1 +0.1
CPAL	375nm,0.3s		S	Pn	11 10 29.9 +0.5
CPAL	Palau Saverder	0.86 94	P	Pn	11 10 17.1 +0.1
CPAL	375nm,0.3s		S	Pn	11 10 29.8 +0.5
CTRE	Tremp	0.91 267	P	Pb	11 10 16.8 -0.2
CTRE	157nm,0.2s		S	Pb	11 10 29.0 -0.1
CTRE	Tremp	0.91 267	P	Pb	11 10 16.7 -0.2
CTRE	157nm,0.2s		S	Pb	11 10 30.0 -0.7
CARA	Val d'Aran	0.93 291	P	Pn	11 10 17.8 -0.3
CARA	612nm,0.2s		S	Pn	11 10 30.5 -0.8
MTLF	Montoliu	0.98 9	ePn	Pn	11 10 20.3 +1.7
MTLF	Montoliu	0.98 9	ePn	Pn	11 10 33.5 +1.3
MTLF	251nm,0.2s		Pg	Pn	11 10 20.1 +1.5
MTLF	Montoliu	0.98 9	Pn	Lg	11 10 20.3 +1.7
MTLF	126nm,0.2s		Lg	Lg	11 10 33.5
CAVN	Les Avelanes	1.05 242	P	Pb	11 10 19.3 -0.3
CAVN	935nm,0.2s		S	Pb	11 10 32.5 -0.4
CAVN	Les Avelanes	1.05 242	P	Pb	11 10 19.5 -0.2
CAVN	935nm,0.2s		S	Pb	11 10 32.5 -0.4
EPOB	Poblet	1.23 214	S	Pb	11 10 37.7 -0.4
EPOB	429nm,0.3s		Pg	Pb	11 10 22.4 0.0
EPOB	Poblet	1.23 214	Pg	Pb	11 10 37.7 -0.4
EPOB	1.3nm,0.0s,SNR=18		Lg	Lg	11 10 37.8
EPOB	276nm,0.2s,SNR=7.9		Lg	Lg	11 10 43.2 0.0
FMON	Montoux	1.35 301	S	Pg	11 10 43.2 0.0
FMON	106nm,0.3s		S	Pg	11 10 25.4 -0.4
ECHI	Chisagues Biel	1.37 283	Pn	Pg	11 10 25.4 -0.4
ECHI	Chisagues Biel	1.37 283	Pn	Pg	11 10 25.4 -0.4
ECHI	180nm,0.2s		S	Pg	11 10 43.7 +0.2
ECHI	Chisagues Biel	1.37 283	Pn	Pg	11 10 25.5 -0.2
ECHI	3.0nm,0.1s,SNR=7.9		Pg	Pb	11 10 26.5 +1.7
ECHI	28nm,0.1s,SNR=7.9		Lg	Lg	11 10 44.3
EPF	Esparrros	1.39 299	ePn	Pg	11 10 25.7 -0.4
EPF	Esparrros	1.39 299	ePn	Pg	11 10 28.1 +2.0
EPF	81nm,0.2s		eSg	Sb	11 10 43.6 -0.6
EPF	276nm,0.2s		eSg	Sb	11 10 46.2 +3.6
EPF	Esparrros	1.39 299	Pn	Pg	11 10 25.7 -0.4
EPF	Esparrros	1.39 299	Pn	Pg	11 10 25.7 -0.4
EPF	41nm,0.2s		Lg	Lg	11 10 43.6 -0.6
EPF	138nm,0.2s		Lg	Lg	11 10 46.2
VIEF	Viey	1.54 290	Pn	Pg	11 10 28.5 -0.6
VIEF	6.7nm,0.2s,SNR=18		Sn	Pb	11 10 49.9 +0.7
ERTA	Horta de San J	1.89 222	Pn	Pb	11 10 32.8 -0.8
ERTA	41nm,0.4s,SNR=36		Pg	Pg	11 10 35.5 -0.2
ERTA	Horta de San J	1.89 222	Pn	Pb	11 10 32.8 -0.8
ERTA	46nm,0.4s,SNR=7.9		Lg	Lg	11 10 58.7
ERTS	Etsaut	1.96 286	ePn	Pg	11 10 38.2 +1.2
ERTS	205nm,0.3s		eSg	Pg	11 10 02.9 +0.4
ERTS	Etsaut	1.96 286	Pg	Pg	11 10 38.2 +1.2
ERTS	102nm,0.3s		Lg	Lg	11 10 02.9
MONO	Montoucu	2.08 344	Pn	Pb	11 10 36.5 -0.2
ATE	Arette	2.11 291	Pn	Pg	11 10 39.1 -0.8
ATE					

Table with columns: EARI, PAB, SFTF, GRR, LDF, HAU, HIN, MEZF, ECAL, EPLA, EADA, SAVV, FLN, QUIF, SGMF, EPON, MVO, ROSF, ECAB, POLO, MTE, etc. Each row contains station name, frequency, and other technical details.

IDC 18 11:20:40.9, 1.4, 24.84N, 126.74E, h0km, mb3.9/4, mb1 3.9/5, mb1mx3.5/56, mbtrmp3.8/5, ML2.8/1, MS3.4/6, MS1 3.4/6, ms1mx2.7/49, Error ellipse: s-maj=41.5km s-min=26.1km az=76.0

JMA 18 11:20:44.8, 0.1, 24.88N, 126.93E, h72km, mb3, M3.3, ISC 18 11:20:43.9, 2.0, 24.72N, 127.06E, 0.04, h3km, 2km, n32, e082/39, mb3.6/4, MS3.7/5, Southeast of Ryukyu Islands

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

Table with columns: CTA, FINES, RAR, etc. Includes station names like Charters Tower, FINESS Array B, Rarotonga and their frequencies.

NOU 18 11:27:16.9, 17.84S, 167.24E, h0km, MLV5.1/7, Vanuatu Islands, Vanuatu Islands

MDD 18 11:49:36.1, 0.5, 42.32N, 1.97E, h0km, mbLg1.2/3, Error ellipse: s-maj=4.5km s-min=3.2km az=89.0, PRXIMO, Pyrenees

STR 18 11:49:38.7, 0.4, 43.1N, 3.3E, h0km, MLV2.3/5, preliminary MRB 18 11:49:38.8, 0.4, 42.88N, 0.29W, h0km, 3km, ML2.5/2, Error ellipse: s-maj=2.5km s-min=1.1km az=196.0

MDD 18 11:49:39.7, 0.2, 42.89N, 0.28W, h0km, mbLg2.5/24, Error ellipse: s-maj=3.2km s-min=1.7km az=19.0, PRXIMO, LDG 18 11:49:39.4, 0.1, 42.87N, 0.27W, h2km, M42.9/3, M13.0/8, Error ellipse: s-maj=1.8km s-min=1.4km az=22.0

ISC 18 11:49:39.4, 0.8, 42.90N, 0.02, 0.28W, 0.01, h13km, gkm, n106, e152/169, 2C, Pyrenees

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

Table with columns: EPOB, EPOB, EPOB, etc. Lists various stations and their frequencies.

18d 12h

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

NEIC 18 12:08:39.9-1.2, 36.13N, 0.01, 97.67W, 0.05, h3km, 8km, Error ellipse: s-maj=6.4km s-min=0.8km az=77.0

Main table for 18d 12h section, listing station codes, names, and coordinates. Includes stations like Liberty Lake, Carrier, Bluff Creek, etc.

2015 NOV

Main table for 2015 NOV section, listing station codes, names, and coordinates. Includes stations like U40A, WHTX, WHTX, X40A, etc.

1126

Main table for 1126 section, listing station codes, names, and coordinates. Includes stations like ECSD, MNTX, Y22D, etc.

NAO 18 12:11:19.9-1.2, 67.60N, 33.85E, ML2.8
ML 18 12:11:20.1, 0.3, 67.66N, 33.78E, h0km, ML2.2, Explosion
IDL 18 12:11:21.7, 2.0, 67.78N, 33.57E, h0km, mb1 3.6/5,

Table for 1126 section, listing station codes, names, and coordinates. Includes stations like APZ9, APZ9, APZ9, etc.

ARCES	baz=114,slow=14,SNR=20	Pg	Pb	12 12 22.0	-1.2	
ARCES	baz=115,slow=26,SNR=11	Sn	Sn	12 12 57.7	-1.3	
ARCES	baz=112,slow=28,SNR=12	Lg	Lg	12 13 08.1		
KLF	Kolari	3.86 268	PN	Pn	12 12 20.0	+0.9
KLF	baz=84					
HEF	Hetta	3.92 286	Pn	Pn	12 13 16.8	+2.1
HEF			Sn	Sn	12 12 20.4	+0.4
HEF			Lg	Lg	12 13 05.2	-1.6
HEF	Hetta	3.92 286	eP	Pn	12 12 20.6	+0.5
HEF			eS	Sn	12 13 05.0	-1.7
HEF	Hetta	3.92 286	PN	Pn	12 12 20.3	+0.2
TOF	Tornio	4.10 252	Pg	Pb	12 12 31.3	-0.3
OUL	Oulu	4.14 235	Pg	Pb	12 12 29.4	-2.8
PAJU	Pajala	4.23 266	PN	Pn	12 12 24.4	+0.1
LANU	Lannavaara	4.53 280	PN	Pn	12 12 28.7	+0.3
KALU	Kallavaara	4.56 251	PG	Pg	12 12 41.4	+2.1
HAMF	Hammerfest	4.72 314	eP	Sn	12 12 30.9	0.0
KIF	Kilpisjärvi	5.04 291	Pn	Pn	12 12 35.9	+0.6
KIF			Sn	Sn	12 13 17.7	-2.5
KIF	Kilpisjärvi	5.04 291	eP	Pn	12 12 35.7	+0.4
KIF			eS	Sn	12 13 20.0	-2.2
FAIO	FINES Array S	7.09 212	Pn	Pn	12 13 03.9	+0.4
FAIO	FINES Array B	7.09 212	Pn	Pn	12 13 03.9	+0.4
FINES	comp=2.0,1nm,0.3s,baz=29,slow=18,SNR=4.5	PN	Pn	12 13 03.7	+0.2	
FINES	comp=2.0,2nm,0.3s,baz=26,slow=23,SNR=1.5	Sn	Sn	12 14 24.1	-0.7	
FINES	comp=2.0,5nm,0.3s,baz=32,slow=27,SNR=11	Lg	Lg	12 14 56.0		
HFS	Hagfors	11.62 239	Pn	Pn	12 14 04.6	-0.9
HFS			Lg	Lg	12 17 16.9	
SPA0	Spitsbergen Ar	11.66 342	Pn	Pn	12 14 04.4	-1.6
SPA0	Spitsbergen Ar	11.66 342	Pn	Pn	12 14 04.4	-1.6
SPITS	Spitsbergen Ar	11.66 342	Pn	Pn	12 14 04.0	-1.9
NOA	NORSAR Array B	11.80 247	Pn	Pn	12 14 05.6	-2.4
NOA	comp=2.0,0nm,0.3s,baz=45,slow=11,SNR=1.4	Lg	Lg	12 17 25.6		

MDD 18 12:13:45.0-0.4, 42.33N; 1.96E, h0km, mbLg1.8/8, Error ellipse: s-maj=3.7km s-min=3.1km az=132.0, PRXIMO
 LDG 18 12:13:45.6-0.1, 42.33N; 1.98E, h2km, MI2.1/7, Error ellipse: s-maj=1.6km s-min=1.3km az=133.0
 MRB 18 12:13:45.1-0.4, 42.33N; 1.95E, h2km, 3km, ML.1.2/17, Error ellipse: s-maj=1.3km s-min=1.1km az=198.0
 STR 18 12:13:45.2-1.0, 42.34N; 1.95E, h0km, MLv1.14, preliminary ISC 18 12:13:45.3-0.9, 42.34N; 0.02-1.96E; 0.02, h10km, 7km, n38, c0691/64, Pyrenees

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
CLLI	Liuvia	0.14	3	P	12 13 47.9	-0.7
CLLI	87nm,0.2s			Pg	12 13 50.4	-0.6
CLLI	3.0nm,0.1s,SNR=7.9	0.14	3	Pg	12 13 48.4	-0.2
CLLI	97nm,0.1s,SNR=7.9			Lg	12 13 50.9	
CBRU	Bruguera	0.17 108	P	Pg	12 13 48.7	-0.4
CBRU	89nm,0.2s			Pg	12 13 51.4	-0.3
ARBS	La Rabassa	0.33 290	P	Pg	12 13 51.7	-0.2
ARBS	56nm,0.2s			Pg	12 13 56.7	+0.4
PAND	Andorre	0.36 301	Pg	Pg	12 13 52.2	-0.3
PAND	21nm,0.1s,SNR=7.9			Pg	12 13 57.4	+0.1
CORI	Orista	0.37 170	P	Pg	12 13 52.2	-0.4
CORI	17nm,0.2s			Pg	12 13 57.3	-0.2
CORG	Organya	0.49 257	P	Pg	12 13 54.3	-0.6
CORG	5.0nm,0.4s			Pg	12 14 01.5	+0.1
FILF	Filios	0.49 63	P	Pg	12 13 53.3	-1.7
FILF	0.2nm,0.2s,SNR=7.9			Pg	12 13 59.2	-2.3
EMIR	Miracle	0.53 218	Pg	Pg	12 13 55.9	+0.2
EMIR	9.6nm,0.1s,SNR=7.9			Lg	12 14 02.4	
CBEU	Beuda	0.54 99	P	Pg	12 13 55.4	-0.3
CBEU	14nm,0.2s			Pg	12 14 03.1	+0.3
FNEB	Nbias	0.57 11	Pg	Pg	12 13 56.9	+0.4
FNEB	0.2nm,0.2s,SNR=7.9			Pg	12 14 05.2	+1.1
CEST	Estერი de Car	0.59 297	S	Pg	12 13 56.2	-0.5
CEST	9.2nm,0.2s			Pg	12 14 04.1	-0.3
CSOR	Sort	0.62 274	P	Pg	12 13 56.6	-0.7
CSOR	13nm,0.2s			Pg	12 14 05.9	+0.5
CSOR	Sort	0.62 274	Pg	Pg	12 13 57.4	+0.1
CSOR	0.1nm,0.1s,SNR=7.9			Lg	12 14 05.6	
CFON	Fontmartina	0.68 148	P	Pg	12 13 57.8	-0.6
CFON	2.4nm,0.2s,SNR=5.8			Pg	12 13 58.0	-0.3
CFON	8.7nm,0.1s,SNR=5.9			Lg	12 14 07.6	
EJON	La Jonquera	0.69 81	Pg	Pg	12 13 58.6	-0.2
EJON	1.1nm,0.2s,SNR=7.9			Lg	12 14 08.2	
SJAF	Saint Jean de	0.70 78	P	Pg	12 13 58.4	-0.4
SJAF	3.2nm,0.2s			Pg	12 14 08.6	+0.7
SJAF	Saint Jean de	0.70 78	Pg	Pg	12 13 58.9	+0.1
SJAF	0.1nm,0.3s,SNR=7.9			Lg	12 14 08.5	
CCAS	Cassa de la Se	0.83 123	P	Pg	12 14 01.2	-0.2
CCAS	4.7nm,0.3s			Pg	12 14 12.2	-0.1
CTRE	Tremp	0.88 269	P	Pg	12 14 01.8	-0.6
CTRE	4.5nm,0.4s			Pg	12 14 13.4	-0.4
CPAL	Palau Saverder	0.89 91	P	Pg	12 14 02.3	-0.2
CPAL	5.7nm,0.2s			Pg	12 14 14.4	+0.3
CARA	Val d'Aran	0.92 294	S	Pg	12 14 15.2	+0.1
CAVN	Les Avelanes	1.01 244	P	Pg	12 14 04.2	-0.5
CAVN	10nm,0.1s			Pg	12 14 17.2	-0.6
MTLF	Montoliu	1.02 10	eP	Pb	12 14 05.8	+0.7
MTLF	5.3nm,0.3s			Pg	12 14 16.9	-1.3
MTLF	Montoliu	1.02 10	Pg	Pg	12 14 05.4	+0.5
MTLF	0.8nm,0.2s,SNR=7.9			Pg	12 14 06.7	+1.0
EPOB	Poblet	1.19 214	P	Pg	12 14 07.4	-0.6
EPOB	5.0nm,0.2s			Pg	12 14 22.9	-0.6
EPOB	Poblet	1.19 214	Pg	Pg	12 14 07.5	-0.6
EPOB	0.2nm,0.1s,SNR=6.7			Lg	12 14 22.9	
ECHI	Chisagues Biel	1.35 285	P	Pg	12 14 10.1	-1.1
ECHI	3.0nm,0.2s			Pg	12 14 28.2	-0.5
ECHI	Chisagues Biel	1.35 285	Pg	Pg	12 14 11.4	+0.2
ECHI	0.8nm,0.2s,SNR=7.9			Lg	12 14 28.7	
ECHI	2.0nm,0.1s,SNR=7.9			Pg	12 14 28.7	
EPF	Esparrros	1.38 301	eP	Pb	12 14 13.1	+1.8
EPF	0.8nm,0.2s,SNR=7.9			Pg	12 14 27.5	-2.3
EPF	Esparrros	1.38 301	eP	Pb	12 14 18.0	-0.5
EPF	3.8nm,0.3s			Pg	12 14 41.7	-1.3
ETSF	Etsaut	1.94 288	eP	Pn	12 14 47.2	+2.0
ETSF	0.8nm,0.2s,SNR=7.9			eS	12 14 47.2	+2.0
ETSF	5.2nm,0.5s			Sb		

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
LASF	Ste Croix	2.22	38	eP	12 14 21.1	-1.2
LASF	Ste Croix	2.22	38	eP	12 14 26.9	+1.3
LASF	1.0nm,0.3s			Pb	12 14 54.8	+1.6
SJPF	Ste Jean	2.47 289	eP	Pg	12 14 32.8	+0.1
SJPF	5.2nm,0.3s			Pg	12 15 03.8	-1.0
CAF	Calviac	2.59	2	eP	12 15 04.6	-0.9
CAF	Calviac	2.59	2	eP	12 14 34.4	-0.5
CAF	Calviac	2.59	2	eP	12 14 56.6	-2.3
RJF	Les Rejaudoux	2.98 354	eS	Pg	12 15 20.3	-0.8
LDG 18 12:15:23.6-0.1, 42.31N; 1.99E, h2km, MI2.6/10, Error ellipse: s-maj=1.6km s-min=1.2km az=134.0 STR 18 12:15:23.4-1.4, 42.34N; 1.97E, h7km, MLv1.6/3, preliminary MDD 18 12:15:23.9-0.2, 42.34N; 1.98E, h6km, 3km, mbLg1.9/24, Error ellipse: s-maj=2.1km s-min=1.8km az=34.0, PRXIMO MRB 18 12:15:23.6-0.2, 42.32N; 1.95E, h2km, 4km, ML.1.7/14, Error ellipse: s-maj=2.2km s-min=1.0km az=49.0 ISC 18 12:15:23.0-0.6, 42.34N; 0.02-1.98E; 0.01, h14km, 5km, n59, c084/105, Pyrenees						
Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
CLLI	Liuvia	0.14	359	Op	12 15 26.9	-0.4
CLLI	223nm,0.2s			Pg	12 15 29.4	-0.4
CLLI	Liuvia	0.14	359	Pg	12 15 26.8	-0.5
CLLI	9.2nm,0.2s,SNR=7.9			Lg	12 15 28.7	
CBRU	Bruguera	0.16 110	P	Pg	12 15 27.0	-0.5
CBRU	238nm,0.2s			Pg	12 15 29.8	-0.5
CBRU	119nm,0.2s			Pg	12 15 29.7	-0.5
ARBS	La Rabassa	0.34 289	P	Pg	12 15 30.0	-0.4
ARBS	145nm,0.2s			Pg	12 15 35.1	-0.1
PAND	Andorre	0.37 300	Pg	Pg	12 15 30.5	-0.5
PAND	34nm,0.3s			Pg	12 15 35.6	-0.6
CORI	Orista	0.37 172	P	Pg	12 15 30.6	-0.3
CORI	34nm,0.3s			Pg	12 15 35.5	-0.5
CORG	Organya	0.50 258	S	Pg	12 15 39.9	-0.2
CORG	Organya	0.50 258	S	Pg	12 15 39.9	-0.2
CBEU	Beuda	0.53 99	P	Pg	12 15 33.6	-0.3
CBEU	55nm,0.4s			Pg	12 15 41.4	+0.6
EMIR	Miracle	0.54 219	Pg	Pg	12 15 34.4	+0.3
EMIR	15nm,0.1s,SNR=7.9			Lg	12 15 41.0	
FNEB	Nbias	0.57 10	Pg	Pg	12 15 34.8	+0.1
FNEB	0.2nm,0.2s,SNR=7.9			Pg	12 15 43.5	+1.2
CEST	Estერი de Car	0.59 296	P	Pg	12 15 34.7	-0.5
CEST	26nm,0.4s			Pg	12 15 42.8	-0.3
CSOR	Sort	0.63 274	P	Pg	12 15 34.8	-0.9
CSOR	34nm,0.2s			Pg	12 15 43.9	-0.2
CSOR	Sort	0.63 274	Pg	Pg	12 15 36.5	+0.2
CSOR	0.1nm,0.1s,SNR=7.9			Lg	12 15 44.2	
CFON	Fontmartina	0.67 149	P	Pg	12 15 36.1	-0.4
CFON	27nm,0.3s			Pg	12 15 45.9	-0.2
CFON	Fontmartina	0.67 149	Pg	Pg	12 15 36.1	-0.4
CFON	3.0nm,0.4s,SNR=7.9			Lg	12 15 46.1	
EJON	La Jonquera	0.68 81	Pg	Pg	12 15 34.5	-2.3
EJON	4.0nm,0.1s,SNR=7.9			Lg	12 15 46.3	
SJAF	Saint Jean de	0.69 77	Pg	Pg	12 15 35.0	-1.8
SJAF	0.2nm,0.2s,SNR=7.9			Lg	12 15 46.0	
CCAS	Cassa de la Se	0.83 123	P	Pg	12 15 39.4	-0.1
CCAS	14nm,0.2s			Pg	12 15 51.1	+0.5
CCAS	Cassa de la Se	0.83 123	P	Pg	12 15 39.4	-0.1
CPAL	Palau Saverder	0.88 91	P	Pg	12 15 40.0	0.0
CPAL	14nm,0.2s			Pg	12 15 53.1	+1.0
CPAL	Palau Saverder	0.88				

Table with columns for station name, frequency, power, and other technical details. Includes stations like EVGI, FSK, KEF4, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BCI, KKB, MMB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOSL, VOIR, SECR, etc.

Table of astronomical observations for 1131, listing station names, coordinates, and observation details.

Table of astronomical observations for 2015 NOV, listing station names, coordinates, and observation details.

Table of astronomical observations for 18d 12h, listing station names, coordinates, and observation details.

18d 12h

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Wachi, Yonaguni jima, Inuyama, Kuroka, etc.

2015 NOV

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Karatay Array, Borovoye, Chuyangaron, etc.

1132

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ARG Argostoli, ARG Argostoli, ARG Argostoli, etc.

18d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KJUV, ZIRJ, SRE, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZST Bratislava, ZST ZONA, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRG Berggiesshubel, BRG, etc.

1134

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRG Berggiesshubel, BRG, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for stations 1135-1139.

Main table listing stations from AKTO to GAT, including columns for Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for stations 18d 13h.

Code Station Name Az AzZ Phase ID Time Res
WRA Warramunga Arr 23.84 166 P Op h m s ISC
ASAR Alice Springs 27.34 169 P P 13 14 58.6 +0.2
ASAR Alice Springs 27.34 169 P P 13 14 58.6 +0.2

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSBE So Bento, EQUQ Quentara, PCBR Castelo Branco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EPON Pontenova, EARI Areite, ELAN Lanestosa, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MJAR, MAJO, MAT, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DMN, GANN, DKN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like VIKU, NYNU, VSTU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Saturna Island, Maple Falls, Vedder Mountain, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Magazine, Amarillo, Mount Ida, Bolivar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Zeytinokoy-Aydi, Korkueli, Korkueli, etc.

IDC 18 14:25:0.1, 4.2, 73S, 66:51W, h195km, 16km, mb3.6/1, m1 3.4/6, mb1mx3.2/34, mbtmp3.9/6, MS3.1/2, Ms1 3.1/2, ms1mx2.6/25, Error ellipse: s-maj=29.4km s-min=18.1km

GUC 18 14:27:5.0, 5.2, 72S, 67:11W, h251km, 7km, ML4.2, MS1 2.9/2, ms1mx2.3/31, Error ellipse: s-maj=101.6km s-min=19.1km az=80.0

IDC 18 14:37:35.2, 9.2, 28:06N, 142:167E, h0km, mb3.5/4, m1 3.6/5, mb1mx3.3/54, mbtmp3.5/5, ML2.9/1, MS2.8/2, Ms1 2.9/2, ms1mx2.3/31, Error ellipse: s-maj=101.6km s-min=19.1km az=80.0

ISC 18 14:37:02.2, 6.2, 29:00N, 142:7E, 0.16, h27km, n8, 0.8477, mb3.6/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like San Lorenzo, Limon Verde, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matsushiro Arr, Zalesovo Beam, etc.

IDC 18 14:50:16.2, 1.1, 18:25S, 0.2, 174:3W, 0.2, h200km, n7, 0.2519, mb3.1/5, Tonga Islands

IDC 18 14:50:16.2, 1.1, 18:25S, 0.2, 174:3W, 0.2, h200km, n7, 0.2519, mb3.1/5, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Nonsavu, Stephens Creek, etc.

IDC 18 14:55:38.0, 5.0, 37:81N, 29:36E, h0km, mb4.1/19, m1 4.2/24, mb1mx4.0/46, mbtmp4.1/24, ML4.3/5, MS3.1/11, Ms1 3.1/11, ms1mx2.8/49, Error ellipse: s-maj=16.6km s-min=13.0km az=157.0

ISK 18 14:55:39.4, 37:82N, 29:31E, h0km, ML4.3/69, DDA 18 14:55:40.0, 37:80N, 29:32E, h15km, 1km, MW4.1, NEIC 18 14:55:41.1, 2.4, 37:77N, 0.04, 29:38E, 0.06, h8km, 5km, Error ellipse: s-maj=6.6km s-min=6.3km az=142.0

THE 18 14:55:42.2, 37:84N, 29:18E, h0km, 1km, ML4.1/2, Error ellipse: s-maj=3.5km s-min=1.2km az=75.0

CFUSG 18 14:55:47.1, 38:10N, 29:90E, h10km, mb3.1, 3M3.5/2, Southwest Turkey Maglype MSH 3.4 from 2 stations

ISC 18 14:55:41.1, 0.9, 37:81N, 0.02, 29:32E, 0.02, h15km, 6km, n229, c1815/266, mb4.1/20, MS3.0/8, 35S-11D, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DENIZLI_Tavas, Karahalli, Karahalli, USA, etc.

IDC 18 14:56:8.4, 6.6, 17:17S, 174:60W, h256km, 28km, mb3.2/3, mb1 3.5/5, mb1mx3.0/40, mbtmp3.9/5, Error ellipse: s-maj=126.0km s-min=20.6km az=147.0, Tonga Islands

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

ISC 18 14:33:38.7, 0.8, 36:12N, 0:006, 97:62W, 0.02, h7km, 7km, NEIC 18 14:33:38.7, 0.8, 36:12N, 0:006, 97:62W, 0.02, h7km, 7km, Error ellipse: s-maj=2.7km s-min=0.4km az=73.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Liberty Lake, Bluff Creek, Carrier, Cody Creek RV, Blackwell, Quay, Grant County #, Salt Plains WL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Karahalli, Karahalli, USA, Basma, BURDUR-Merkez, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Simav-Kutahya, Simav-Kutahya, Demirci, Milas, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like JHS Saijyo, KSAR Wonju Array, KSRS Korea Array, etc.

FUNV 18 16:24:56.9, 8.49Nk, 71.35W, h5km, MW3.2
ISUN 18 16:24:55.2, 1.3, 8.51N, 0.04W, 71.38W, 0.03, h7km, 11km,
n20, c094/31, Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SOCV Socops, SDV Santo Domingo, CAPV Capacho, etc.

KMA 18 16:42:55.1, 0.2, 36.20N, 127.05E, h14km, 2km, Error
ellipse: s-maj=1.1km s-min=0.9km az=70.0, South

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BUYB Bueyo, IKSA Iksan Acc Bore, KOJ2 Gongju-si, etc.

IDC 18 16:47:03.2, 0.6, 20S, 103.80E, h0km, mL4, 8/22,
mb1 4.9/24, mb1mx4.6/34, mbtmp4.8/24, ML4.2/2, MS3.8/15,
Ms1 3.8/15, ms1mx3.5/40, Error ellipse: s-maj=19.9km
s-min=12.2km az=46.0

NEIC 18 16:47:07.4, 2.0, 6.33S, 0.06W, 103.66E, 0.06, h30km, 3km,
mb5.1/67, Error ellipse: s-maj=9.9km s-min=8.0km
az=217.0

DJA 18 16:47:07.5, 0.3, 6.3S, 10.4E, h52km, 4km, M4.6/33,
mb5.0/33, mb5.1/26, MLv5.0/25, Mw(mb)4.5/26

BUJ 18 16:47:07.0, 0.6, 40S, 103.70E, h50km, mb5.1/31,
mb5.2/59, Ms4.4/18, Ms7.4/31/7

ISC 18 16:47:07.2, 0.7, 6.38S, 0.05W, 103.71E, 0.04, h33km, 4km,
n299, c1938/301, mb5.1/76, MS3.8/16, 10C-4D, Southwest
of Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KASI Kota Agung, LWLI Liwa, BLSI Bandar Lampung, etc.

Main table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TPI Tanjungpandan, DSRI Dano, RGRI Pengat, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, WBO Warramunga Arr, etc.

18d 17h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, ISC. Includes stations like TARG Taragay, MAT Matsushiro, KDJ Kajisa, etc.

2015 NOV

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, ISC. Includes stations like NACGM Naroch, DEV Deva, HERR Herculanu, etc.

1142

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, ISC. Includes stations like ANP Anpu, YHNB Yeheng, NACB Ninganchiao, etc.

TAP 18 17:00:20.7, 24.787N, 122.266E, h15km, ML2.9, C
JMA 18 17:00:21.7, 24.747N, 122.266E, h35km, ML1.9
ISC 18 17:00:20.1, 0.2479N, 0.02123230E, 0.02, h15km, Bkm, n64, e058/11.0, Taiwan region

KRSC 18 17:11:53.5±0.8, 56.177N, 162.84E, h35km, 9km, ML4.6
MOS 18 17:11:55.1±0.8, 56.27N, 162.72E, h46km, mb4.3/8, Error ellipse: s-maj=8.8km s-min=4.3km az=69.7
NEIC 18 17:11:59.2±1.5, 56.2N, 0.1:1.62E, 0.2, h57km, 9km, mb4.2/19, Error ellipse: s-maj=20.8km s-min=14.3km az=142.0
IDC 18 17:12:00.0±3.5, 56.23N, 162.28E, h63km, 33km, mb3.4/10, mb1.3/13, mb1mx3.4/46, mbmp3.8/13, ML4.0/3, MS3.1/5, Ms1.3/15, ms1mx2.8/40, Error ellipse: s-maj=22.5km s-min=19.1km az=127.0
ISC 18 17:11:55.9±0.7, 56.22N, 0.03:162.64E, 0.03, h26km, 5km, n146, e1957/170, mb4.1/23, 1C-2D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KBTR, SMKR, BDR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JMM, BPAW, TOLK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GKN, KOLN, DANN, etc.

18d 18h

Table with columns: MSVF, Nonsav, 20.94 117, IAMS_20, IAMS_20, 18 43 05.3, etc. Lists various stations and their coordinates.

2015 NOV

Table with columns: ARPS, Mount Arapiles, 31.50 206, P, P, 18 37 27.1 +1.3, etc. Lists various stations and their coordinates.

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Table with columns: KAPI, Kappang, 38.60 273, P, P, 18 38 26.5 -0.9, etc. Lists various stations and their coordinates.

M19K	Big River Lodg	79.56	21	P	P	18 43 11.9 +1.2
M19K	baz=227			S	S	18 53 13.9 +1.8
M19K	Big River Lodg	79.56	21	P	P	18 43 10.1 -0.6
M19K	comp=Z,459nm,0.9s			IAMS_20	IAMS_20	19 14 22.2
L19K	White Mountain	79.59	20	P	P	18 43 11.9 +1.0
L19K	baz=227			S	S	18 53 13.6 +1.1
L19K	White Mountain	79.59	20	P	P	18 43 11.5 +0.6
L19K	comp=Z,428nm,1.1s			IAMS_20	IAMS_20	19 18 15.0
DMN	Daman	79.65	300	eP	P	18 43 12.1 -0.1
TTA	Tatalina	79.72	19	P	P	18 43 12.0 +0.4
TTA	comp=Z,429nm,1.4s			S	S	18 43 12.4 +0.8
TTA	Tatalina	79.72	19	P	P	18 53 18.3 +4.4
TTA	baz=226			S	S	18 43 12.1 +0.6
TTA	Tatalina	79.72	19	P	P	18 43 12.2 +0.6
TTA	comp=Z,429nm,1.4s			IAMS_20	IAMS_20	19 14 15.3
TTA	Tatalina	79.72	19	P	P	18 43 12.0 +0.4
TTA	comp=Z,429nm,1.4s			IAMS_20	IAMS_20	19 14 15.3
SPCR	Spurr Chakacha	79.87	22	P	P	18 43 13.3 +0.9
SPCR	baz=230			S	S	18 53 17.8 +2.2
SPU	Mount Spurr	79.92	22	P	P	18 43 13.1 +0.4
CAPN	Captain Cook N	79.99	23	P	P	18 43 15.3 +2.3
CAPN	baz=231			S	S	18 53 19.0 +2.4
CAPN	Caplain Cook N	79.99	23	IAMS_20	IAMS_20	19 21 40.7
L20K	Farewell, AK	80.12	20	P	P	18 43 14.8 +1.1
L20K	baz=228			S	S	18 53 19.2 +1.0
GKN	Gorkha	80.15	300	eP	P	18 43 14.2 -0.6
SEW	Seward	80.23	24	P	P	18 43 14.6 +0.3
SEW	baz=232,SNR=44			S	S	18 53 18.4 -0.8
SEW	Seward	80.23	24	P	P	18 43 14.2 -0.1
SEW	comp=Z,368nm,0.9s			IAMS_20	IAMS_20	18 43 23.1
O22K	Cooper Landing	80.36	23	P	P	18 43 15.4 +0.4
O22K	baz=232			S	S	18 53 18.7 -1.9
O22K	Cooper Landing	80.36	23	P	P	18 43 15.0 0.0
O22K	comp=Z,83um,20.0s			IAMS_20	IAMS_20	19 16 36.6
SUA	Susitna One	80.58	22	P	P	18 43 15.8 -0.5
SUA	baz=231,SNR=15			S	S	18 53 21.2 -2.0
SUA	Susitna One	80.58	22	P	P	18 43 15.8 -0.5
SKT	Skwentna	80.63	22	P	P	18 43 15.6 -0.8
SKT	baz=230,SNR=6.9			S	S	18 53 20.5 -2.9
SKT	Skwentna	80.63	22	P	P	18 43 15.9 -0.6
SKT	comp=Z,56um,20.0s			IAMS_20	IAMS_20	19 16 17.5
K20K	Telida	80.65	20	P	P	18 43 17.5 +0.9
K20K	baz=228,SNR=87			S	S	18 53 25.1 +1.5
K20K	Telida	80.65	20	P	P	18 43 17.2 +0.6
K20K	comp=Z,644nm,1.5s			IAMS_20	IAMS_20	19 15 16.1
K20K	Telida	80.65	20	P	P	18 43 17.2 +0.6
K20K	comp=Z,644nm,1.5s			IAMS_20	IAMS_20	19 15 16.1
GCSA	Galena City Sc	80.73	18	P	P	18 43 17.5 +0.6
GCSA	baz=225			S	S	18 53 24.6 +0.4
RC01	Rabbit Creek A	80.73	23	P	P	18 43 17.2 +0.2
RC01	baz=232			S	S	18 53 21.5 -3.0
RC01	Rabbit Creek A	80.73	23	P	P	18 43 16.9 -0.1
KOLN	Koldanda	80.98	300	eP	P	18 43 18.6 -0.7
PPLA	Purkeypile	80.99	21	P	P	18 43 19.7 +1.2
PPLA	baz=229,SNR=27			S	S	18 53 26.0 -1.4
PPLA	Purkeypile	80.99	21	P	P	18 43 18.4 -0.2
PPLA	comp=Z,809nm,1.8s			IAMS_20	IAMS_20	18 43 22.2
DANN	Dangsing	80.99	301	eP	P	18 43 18.4 -1.1
QSPA	South Pole Qui	81.00	180	P	P	18 43 18.7 +0.1
QSPA	comp=Z,3um,1.4s			IAMS_20	IAMS_20	19 18 41.8
M22K	Willow	81.00	22	P	P	18 43 17.9 -0.5
M22K	baz=232			S	S	18 53 24.7 -2.5
Q23K	Middleton Isla	81.10	25	S	S	18 53 31.4 +3.1
PWL	Port Wells	81.13	23	P	P	18 43 19.4 +0.3
PWL	baz=233,SNR=52			S	S	18 53 26.7 -2.0
PWL	Port Wells	81.13	23	P	P	18 43 19.1 0.0
PWL	comp=Z,475nm,0.9s			IAMS_20	IAMS_20	19 17 09.0
J20K	Nowinta River	81.19	19	P	P	18 43 20.3 +1.0
J20K	baz=227,SNR=136			S	S	18 53 30.1 +1.0
J20K	Nowinta River	81.19	19	P	P	18 43 20.0 +0.6
J20K	comp=Z,73um,21.0s			IAMS_20	IAMS_20	19 14 23.3
PMR	Palmer	81.27	23	P	P	18 43 19.8 0.0
PMR	comp=Z,1um,1.9s			S	S	18 53 29.7 -0.3
PMR	Palmer	81.27	23	P	P	18 43 19.8 0.0
PMR	baz=232,SNR=41			S	S	18 53 29.7 -0.3
PMR	Palmer	81.27	23	P	P	18 43 19.8 0.0
CUT	Chulitna	81.36	22	P	P	18 43 19.6 -0.7
CUT	baz=231,SNR=35			S	S	18 53 28.8 -2.1
CUT	Chulitna	81.36	22	P	P	18 43 19.2 -1.1
CUT	comp=Z,585nm,1.2s			IAMS_20	IAMS_20	19 17 00.8
CAST	Castle Rocks	81.36	20	P	P	18 43 20.0 -0.4
CAST	baz=229,SNR=123			S	S	18 53 28.9 -2.2
CAST	Castle Rocks	81.36	20	P	P	18 43 19.8 -0.6
CAST	comp=Z,76um,20.0s			IAMS_20	IAMS_20	19 15 38.9
KNK	Knik Glacier	81.42	23	P	P	18 43 21.1 +0.4
KNK	baz=233,SNR=44			S	S	18 53 30.0 -1.7
KNK	Knik Glacier	81.42	23	P	P	18 43 20.8 +0.1
KNK	comp=Z,83um,19.0s			IAMS_20	IAMS_20	19 17 32.4
GHO	Glory Hole Cre	81.46	22	P	P	18 43 21.0 0.0
GHO	comp=Z,322nm,0.9s			IAMS_20	IAMS_20	19 24 03.5
GHO	Glory Hole Cre	81.46	22	P	P	18 43 21.0 0.0
GHO	comp=Z,53um,18.0s			IAMS_20	IAMS_20	19 16 32.9
PYUN	Piuthan	81.58	300	eP	P	18 43 21.3 -1.2
PYUN	comp=Z,2um,1.3s					
CHUM	Lake Minchumin	81.59	20	P	P	18 43 21.9 +0.4
CHUM	baz=229,SNR=108			S	S	18 53 31.8 -1.5
HIN	Hinchinbrook I	81.59	24	P	P	18 43 21.4 -0.3
HIN	comp=Z,364nm,1.1s			IAMS_20	IAMS_20	19 14 20.9
HIN	Hinchinbrook I	81.59	24	P	P	18 43 20.9
HIN	comp=Z,89um,19.0s			IAMS_20	IAMS_20	19 14 22.2
RDOG	Red Dog Mine	81.60	14	P	P	18 43 27.9 +6.4
RDOG	baz=219,SNR=85			S	S	18 53 37.2 +3.9
RDOG	Red Dog Mine	81.60	14	IAMS_20	IAMS_20	19 15 59.7
GLI	Glacier Island	81.64	24	P	P	18 43 22.1 +0.3
GLI	baz=234,SNR=11			S	S	18 53 32.9 -1.0
GLI	Glacier Island	81.64	24	P	P	18 43 21.5 -0.3
GLI	comp=Z,306nm,1.0s			IAMS_20	IAMS_20	18 43 25.8
SML	Sawmill	81.71	23	P	P	18 43 22.7 +0.5
SML	baz=233,SNR=108			S	S	18 53 33.7 -1.0
FID	Port Fidalgo	81.81	24	P	P	18 43 22.2 -0.5
FID	comp=Z,513nm,1.4s			IAMS_20	IAMS_20	19 17 41.2
KTH	Kantishna Hill	81.85	20	P	P	18 43 21.9 -1.1
KTH	comp=Z,70um,21.0s			IAMS_20	IAMS_20	19 15 53.8
EYAK	Cordova Ski Ar	81.99	24	P	P	18 43 24.4 +0.8
EYAK	baz=236			S	S	18 53 37.0 -0.5
EYAK	Cordova Ski Ar	81.99	24	P	P	18 43 23.9 +0.3
TRF	Thorfare Moun	82.01	21	P	P	18 43 23.2 -0.7
TRF	baz=231,SNR=48			S	S	18 53 36.2 -1.8
TRF	Thorfare Moun	82.01	21	P	P	18 43 23.3 -0.7
TRF	comp=Z,76um,20.0s			IAMS_20	IAMS_20	19 15 58.9
PAF	Port-aux-Franc	82.10	221	IAMS_20	IAMS_20	19 16 36.0
SCM	Sheep Creek Mo	82.11	23	P	P	18 43 23.8 -0.6
SCM	comp=Z,342nm,1.0s			MLR	MLR	18 43 23.8 -0.6
SCM	Sheep Creek Mo	82.11	23	P	P	18 43 24.9 +0.6
SCM	comp=Z,61um,19.0s			IAMS_20	IAMS_20	18 43 30.8 -0.6
SCM	Sheep Creek Mo	82.11	23	P	P	18 43 23.8 -0.6
SCM	comp=Z,342nm,1.0s			IAMS_20	IAMS_20	19 17 51.6
SCM	Sheep Creek Mo	82.11	23	P	P	18 43 25.0 -0.7
BPWA	Sheep Paw Mtn	82.18	20	P	P	18 43 24.0 -0.7
BPWA	baz=230,SNR=88			S	S	18 53 37.1 -2.4
BPWA	Sheep Paw Mtn	82.18	20	P	P	18 43 23.9 -0.7
BPWA	comp=Z,429nm,1.4s			IAMS_20	IAMS_20	19 16 13.4
KAIM	Kayak Island	82.19	25	P	P	18 43 25.0 +0.2
KAIM	baz=237			S	S	18 53 48.7 +9.1
KAIM	Kayak Island	82.19	25	P	P	18 43 24.0 -0.8
KAIM	comp=Z,679nm,1.6s			IAMS_20	IAMS_20	19 22 53.1
WATI	Susitna Watana	82.24	22	P	P	18 43 25.0 0.0
WATI	baz=233			S	S	18 53 36.2 -1.8
DIV	Divide	82.31	24	P	P	18 43 25.1 -0.3
RAGM	Ragged Mountai	82.34	25	P	P	18 43 26.2 +0.7
RAGM	comp=Z,386nm,1.4s			IAMS_20	IAMS_20	19 18 00.9
WATB	Susitna Watana	82.39	22	P	P	18 43 26.1 +0.1
WATB	baz=234,SNR=180			S	S	18 53 45.4 +3.6
KLU	Klutina	82.45	24	P	P	18 43 26.7 +0.5
KLU	baz=235,SNR=56			S	S	18 53 26.2 0.0
KLU	Klutina	82.45	24	P	P	18 43 26.2 0.0
KLU	comp=Z,468nm,1.3s			IAMS_20	IAMS_20	19 18 24.9
HMT	Hamilton	82.48	25	P	P	18 43 25.8 -0.5
HMT	comp=Z,54um,19.0s			IAMS_20	IAMS_20	19 17 34.7
RND	Reindeer	82.49	21	P	P	18 43 25.3 -1.0
RND	comp=Z,66um,20.0s			MLR	MLR	18 43 25.3 -1.0
RND	Reindeer	82.49	21	P	P	18 43 25.5 -1.0
RND	comp=Z,55um,21.0s			IAMS_20	IAMS_20	19 15 42.5
IMAR	Indian Mountai	82.54	18	P	P	18 43 26.0 -0.4
SUCK	Suckling Hills	82.54	25	P	P	18 43 26.2 -0.4
SUCK	comp=Z,646nm,1.7s			IAMS_20	IAMS_20	19 22 55.3
I21K	Tanana	82.55	19	P	P	18 43 27.2 +0.7
I21K	baz=229,SNR=122			S	S	18 53 45.4 +3.6
I21K	Tanana	82.55	19	P	P	18 43 26.4 -0.1
I21K	comp=Z,62um,20.0s			IAMS_20	IAMS_20	19 15 25.2
H21K	Melozitna Rive	82.61	18	P	P	18 43 27.7 +0.9
H21K	baz=228			S	S	18 53 45.4 +3.6
H21K	Melozitna Rive					

18d 18h

Table with columns: ILAR, comp, PKKP, PKKPdf, 19 01 47.9 +4.0, etc. Lists various locations like Dawson, Marconi Center, Minto, Yukon, etc.

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Table with columns: DAWY Dawson, 86.36 23 P, Iamb, P, 18 43 45.9 -0.1, etc. Lists various locations like Dawson, Marconi Center, Minto, Yukon, etc.

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Table with columns: I04A Tendick Farm, 88.41 45 P, P, 18 43 58.6 +2.3, etc. Lists various locations like Tendick Farm, Eagle Plains, etc.

KDJ	Kajisay	89.56	313	P	P	18 44 01.1	-0.8
KDJ	comp-Z,192nm,1.3s						
KDJ	Kajisay	89.56	313	P	P	18 44 01.1	-0.8
F05D	White Salmon	89.56	43	P	P	18 44 02.8	+1.2
F05D	baz=257			S	S	18 54 55.3	+2.8
ISA	Isabella, Lake	89.61	54	P	P	18 44 02.3	+0.1
ISA	comp-Z,672nm,2.0s						
ISA	Isabella, Lake	89.61	54	P	P	18 44 03.7	+1.5
ISA	baz=259,SNR=38			S	S	18 54 54.9	+1.3
ISA	Isabella, Lake	89.61	54	P	P	18 44 02.2	+0.0
ISA	baz=259,SNR=38			IAMB	IAMB	18 44 16.6	
MWC	Mount Wilson	89.67	55	P	P	18 44 03.4	+0.8
MWC	comp-Z,668nm,1.4s						
MWC	Mount Wilson	89.67	55	P	P	18 44 03.4	+0.8
YERR	Yerington	89.67	51	P	IAMB	18 44 17.9	
B05A	Bryant	89.70	41	P	S	18 44 03.3	+1.2
B05A	baz=256,SNR=11			S	S	18 54 56.0	+2.3
MLAC	Mammoth, Mammoth	89.71	52	P	P	18 44 05.4	+2.7
MLAC	baz=258,SNR=9.8			S	S	18 54 56.6	+1.8
PAHR	Pah Rah Range	89.71	50	P	IAMB	18 44 03.4	+0.8
PAHR	comp-Z,456nm,1.4s						
EDWZ	Edwards Air Fo	89.84	55	P	P	18 44 05.2	+2.0
EDWZ	baz=259,SNR=60			S	S	18 54 57.9	+2.1
MDOK	Medeo	89.87	314	eP	P	18 44 01.5	-1.8
MDOK	baz=314			iS	SKSAC	18 54 30.5	-3.8
MDOK	baz=314			eLR	LR	19 21 35.8	
MDOK	Medeo	89.87	314	P	P	18 44 03.7	+0.4
KSH	Kashi	89.91	310	P	P	18 44 04.4	+0.9
KSH	comp-Z,139um,19.4s,baz=314			pP	SKS	18 44 08.8	+0.1
KSH	comp-Z,139um,19.4s,baz=314			sp	SKS	18 44 10.5	+2.6
KSH	comp-Z,139um,19.4s,baz=314			pp	SKS	18 47 41.8	+5.4
KSH	comp-Z,139um,19.4s,baz=314			ss	SKS	18 54 33.3	-1.3
KSH	comp-Z,139um,19.4s,baz=314			ss	SKS	19 00 58.9	+4.7
KSH	comp-Z,100nm,1.3s						
KSH	comp-Z,6um,12.4s						
KSH	comp-Z,28um,19.9s						
KSH	comp-Z,25um,19.1s						
KSH	comp-Z,43um,19.9s						
TNSS	Tian-Shan	89.92	314	eP	P	18 44 02.1	-1.8
TNSS	baz=313						
AAA	Alma-Ata	89.98	314	eP	P	18 44 01.3	-2.4
AAA	baz=314			eS	SKSAC	18 54 33.7	-1.1
AAA	comp-Z,24um,19.0s,baz=314			eLR	LR	19 21 51.9	
AAA	Alma-Ata	89.98	314	eP	P	18 44 01.3	-2.4
AAA	comp-Z,24um,19.0s,baz=314			eS	SKSAC	18 54 33.6	-1.1
AAA	Alma-Ata	89.98	314	eP	P	18 44 01.3	-2.4
AAA	comp-Z,24um,19.0s,baz=314			MLR	MLR		
TGTA	Hyland Airport	90.00	27	P	P	18 44 04.4	+1.0
TGTA	baz=251,SNR=46			S	S	18 54 56.8	+0.7
CWC	Cottonwood Cre	90.07	53	P	P	18 44 06.1	+1.6
CWC	baz=259			S	S	18 55 00.9	+2.8
TIN	Tinemeha, Big	90.07	53	P	P	18 44 06.0	+1.6
TIN	baz=259,SNR=26			S	S	18 55 02.1	+4.2
LHV	Little Huntton	90.09	51	P	IAMB	18 44 04.9	+0.7
LHV	comp-Z,462nm,1.3s						
RYN	Ryan	90.15	51	P	IAMB	18 44 05.7	+1.0
RYN	comp-Z,436nm,1.5s						
B06A	Marblemont	90.15	41	P	P	18 44 03.8	-0.5
109C	Camp Elliot, M	90.20	57	P	P	18 44 07.0	+2.1
109C	baz=260,SNR=8.7			S	S	18 55 02.1	+3.1
LRMC	Laurel Mtn Rad	90.21	54	P	P	18 44 06.4	+1.4
LRMC	baz=259,SNR=80			S	S	18 55 02.8	+3.5
MURC	Murrieta	90.25	56	P	P	18 44 06.4	+1.2
MURC	baz=260,SNR=8.8			S	S	18 54 59.8	+0.2
ULHL	Utahol	90.26	313	P	P	18 44 05.6	+0.3
ULHL	SNR=42						
NVAR	Mina Array Bea	90.28	51	P	P	18 44 06.6	+1.2
NVAR	comp-Z,80nm,1.0s,baz=245,slow=5.6,SNR=136						
NVAR	comp-Z,1.7nm,0.8s,baz=74,slow=1.2,SNR=5.3						
NVAR	comp-Z,4.4nm,1.0s,baz=96,slow=2.8,SNR=8.1						
NVAR	comp-Z,62nm,18.9s,baz=272,slow=33						
NVAR	Mina Array Bea	90.28	51	P	P	18 44 05.8	+0.4
INK	Inuvik	90.39	20	P	P	18 44 03.8	+1.1
INK	comp-Z,8.7nm,1.1s,baz=329,slow=4.9,SNR=6.4						
INK	comp-Z,41um,18.4s,baz=233,slow=36						
INK	Inuvik	90.39	20	P	P	18 44 04.3	-0.6
INK	comp-Z,373nm,1.4s						
INK	Inuvik	90.39	20	P	P	18 44 05.0	+0.1
INK	baz=246,SNR=138			S	S	18 54 57.3	-1.9
INK	baz=246						
INK	Inuvik	90.39	20	P	IAMB	18 44 04.3	-0.6
INK	comp-Z,373nm,1.4s						
LLBL	Lillooet	90.39	39	P	P	18 44 04.7	-0.7
NV11	Mina Array Sit	90.39	51	P	IAMB	18 44 05.6	-0.2
NV11	comp-Z,356nm,1.1s						
C06D	Leavenworth	90.40	42	P	P	18 44 07.3	+1.8
C06D	baz=257			S	S	18 55 01.2	+0.8
LTY	Liberty	90.40	42	P	P	18 44 04.7	-0.9
MPMC	Manual Prospe	90.47	54	P	P	18 44 07.6	+1.3
MPMC	baz=259,SNR=76			S	S	18 55 03.3	+1.5
KURK	Kurchatov	90.51	321c	iP	P	18 44 05.1	-0.8
KURK	comp-Z,185nm,1.5s						
KURK	comp-Z,35um,22.0s			MLR	MLR		
KURK	Kurchatov	90.51	321	P	P	18 44 04.6	-1.3
KURK	comp-Z,35um,22.0s			S	S	18 44 04.6	-1.3
KURK	comp-Z,35um,22.0s			SKSAC	SKSAC	18 54 29.7	-7.6
KURK	comp-Z,35um,22.0s			SKSAC	SKSAC	18 54 29.7	-7.6
KURK	comp-Z,35um,22.0s			S	S	18 44 03.8	-2.9
KURK	comp-Z,35um,22.0s			P	P	18 44 05.0	-0.9
KURK	comp-Z,35um,22.0s			IAMB	IAMB	18 44 20.9	
I07A	Ize	90.52	46	P	IAMB	18 44 06.5	+0.2
I07A	comp-Z,333nm,1.7s						
BOOM	Boomskeye usch	90.53	313	P	P	18 44 05.1	-1.3
BOOM	comp-Z,148nm,1.3s						
BOOM	Boomskeye usch	90.53	313	P	P	18 44 05.1	-1.3
KUU	Kurty	90.53	314	iP	P	18 44 04.3	-2.0

KUU	comp-Z,189nm,1.3s,baz=314			eS	SKSAC	18 54 34.9	-2.9
KUU	comp-Z,4um,8.1s,baz=314						
KUU	Kurty	90.53	314c	iP	SKSAC	18 44 04.2	-2.0
KUU	comp-Z,189nm,1.3s						
KUU	comp-Z,4um,8.1s						
KURBB	Kurchatov Arra	90.55	321	P	P	18 44 05.2	-0.8
KVN	Kaiserville	90.56	51	P	P	18 44 05.3	-1.3
KVN	comp-Z,567nm,1.4s						
KVN	Kaiserville	90.56	51	P	P	18 44 05.3	-1.3
LCH	Last Change Ra	90.56	53	P	IAMB	18 44 35.9	
LCH	comp-Z,373nm,1.8s						
BBRC	Big Bear Solar	90.60	56	P	P	18 44 08.5	+1.5
BBRC	baz=260,SNR=31						
F07A	Phinny Hill Vi	90.61	44	P	P	18 44 06.9	+0.5
RRX	Edison Barstow	90.65	55	P	P	18 44 08.7	+1.7
RRX	baz=260						
MONP2	Monument Peak	90.77	57	P	P	18 44 09.2	+1.4
MONP2	baz=260,SNR=51						
E07A	Sunnyside	90.80	43	P	P	18 44 06.6	-0.8
WVOR	Wild Horse Val	90.81	47	P	P	18 44 07.7	0.0
WVOR	comp-Z,475nm,1.5s						
WVOR	comp-Z,46um,20.0s			MLR	MLR		
WVOR	Wild Horse Val	90.81	47	P	P	18 44 07.7	0.0
WVOR	comp-Z,46um,20.0s			IAMS_20	IAMS_20	19 18 59.0	
PFO	Pinyon Flats O	90.86	56	P	P	18 44 08.7	+0.6
PFO	comp-Z,46um,20.0s						
PFO	comp-Z,374nm,1.7s						
PFO	comp-Z,214um,20.0s			MLR	MLR		
PFO	Pinyon Flats O	90.86	56	P	P	18 44 09.3	+1.2
PFO	baz=260,SNR=28			S	S	18 55 09.6	+4.2
PFO	Pinyon Flats O	90.86	56	P	P	18 44 08.7	+0.6
PFO	baz=260			IAMB	IAMB	18 45 09.1	
TKM2	Tokmak 2	90.86	313	P	P	18 44 07.3	-0.8
TKM2	SNR=46						
TKM2	Tokmak 2	90.86	313	iP	P	18 44 07.0	-1.0
TPFO	Pinon Flats	90.86	56	S	S	18 55 09.6	+4.2
TPFO	baz=260						
GSC	Goldstone, Bar	90.88	55	P	P	18 44 09.2	+1.1
GSC	comp-Z,456nm,1.8s						
GSC	Goldstone, Bar	90.88	55	P	P	18 44 09.2	+1.1
GSC	baz=260,SNR=30			IAMB	IAMB	18 44 22.7	
QSM	Queen of Sheba	90.95	54	P	IAMB	18 44 08.6	+0.3
QSM	comp-Z,175nm,1.1s						
NIL	Nilore	90.95	304	P	P	18 44 05.9	-2.5
NIL	comp-Z,247nm,1.5s						
NIL	comp-Z,31um,22.0s			MLR	MLR		
NIL	Nilore	90.95	304	P	P	18 44 06.4	-2.0
NIL	comp-Z,31um,22.0s			IAMB	IAMB	18 44 21.7	
HAWA	Hanford	90.98	43	P	P	18 44 08.2	0.0
IKP	In-Ko-Pah, Jac	90.98	57	P	P	18 44 10.7	+2.1
IKP	baz=260,SNR=24						
RUMC	Rumoro	91.00	57	P	P	18 44 09.4	+0.6
FURX	Furnace Creek,	91.04	53	P	P	18 44 10.5	+1.9
FURX	baz=260,SNR=15						
TPH	Tonopah	91.05	52	P	P	18 44 09.3	+0.3
TPH	comp-Z,1um,1.3s						
TPH	Tonopah	91.05	52	P	P	18 44 09.3	+0.3
J08A	Circle Bar Ran	91.11	46	P	P	18 44 08.4	-0.7
GWY	Greenwater Val	91.15	54	P	IAMB	18 44 09.5	+0.1
GWY	comp-Z,477nm,1.7s						
G08A	Pilot Rock	91.15	44	P	P	18 44 09.2	+0.1
HEC	Hector,Ludlow	91.18	55	P	P	18 44 10.6	+1.1
HEC	baz=260,SNR=44						
KBK	Karagaybulak	91.28	313	P	P	18 44 09.7	-0.2
KBK	comp-Z,477nm,1.7s						
SWSC	Sam W. Stewart	91.29	57	P	P	18 44 11.7	+1.7
SWSC	baz=260,SNR=20						
BELC	Belle Mtn. Jos	91.31	56	P	P	18 44 11.6	+1.4
BELC	baz=260,SNR=62			S	S	18 55 11.6	+2.2
E08A	Dider Farm, El	91.32	43	P	IAMB	18 44 08.0	-1.8
E08A	comp-Z,253nm,1.6s						
SHOC	Shoshone, Teco	91.41	54	P	P	18 44 11.5	+1.1
SHOC	baz=260,SNR=8.4						
SHOC	baz=260			S	S	18 55 13.4	+3.4
BMN	Battle Mountai	91.48	49	P	P	18 44 11.9	+1.0
BMN	comp-Z,253nm,1.6s						
BMN	Battle Mountai	91.48	49	P	IAMB	18 44 11.9	+1.0
BMN	comp-Z,333nm,1.4s						
CHMS	Chumysh	91.49	313	P	P	18 44 10.3	-0.3
CHMS	SNR=37						
UCH	Uchtor	91.52	312	P	P	18 44 11.9	+0.5

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Table with columns for station name, frequency, power, and other technical details. Includes stations like DUG, MSO, BCYI, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like EGMG, RLMT, O20A, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like WHTX, ULM, OPO, etc.

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Table with columns for call sign, frequency, power, and status. Includes stations like PAL, PALISADES, PAL VLDL, etc.

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Table with columns for call sign, frequency, power, and status. Includes stations like WVL Waterville, PQL Presque Isle, PSMC San Jos del P, etc.

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Table with columns for call sign, frequency, power, and status. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom, etc.

NKC	Novy Kostel	130.16 332	ePKIKP	PKIKP	18 50 15.2 +0.2
NKC			eSS	SS	18 52 35.7
NKC			eMLR	MLR	19 09 55.1 +3.0
NKC	comp=Z.36um,23.5s				
NKC	Novy Kostel	130.16 332	ePKPDF	PKIKP	18 50 15.2 +0.2
NKC			ePP	PP	18 52 35.7 +9.2
NKC			eSSKS	SKPbc	18 53 43.6 +6.4
NKC			eSS	SS	19 09 55.1 +3.0
NKC			eAMS	AMS	19 47 40.0
TAMC	Tame, Araitau	130.18 89	eP	PKPpdf	18 50 15.6 +0.3
PGAA	Puerto Garcia	130.22 93	eP	PKPpdf	18 50 11.1 -4.2
CKRC	Cesky Krumlov	130.22 330	ePKPDF	PKPpdf	18 50 14.5 +0.2
CKRC			ePP	PP	18 52 32.9 +6.0
CKRC			eSSKS	SKPbc	18 53 43.1 +5.7
CKRC			eSS	SS	19 09 53.1 -1.9
CKRC			eAMS	AMS	19 46 20.0
IDI	Anoia	130.26 309	PKP	PKPpdf	18 50 14.5 -0.4
MOX	Moxa	130.26 333	ePKPpdf	PKIKP	18 50 15.2 0.0
MOX			eL	L	19 55 22.8
BBLs	Lazi#2631	130.30 322	eP	PKPpdf	18 50 14.1 -0.6
GTGT	Gottingen	130.33 335	ePKPpdf	PKIKP	18 50 15.4 +0.2
KHC	Kasperske Hory	130.37 330	ePKIKP	PKPpdf	18 50 14.8 +0.1
KHC			eMLR	MLR	18 52 33.2
KHC			eMLR	MLR	18 50 14.8 +0.1
KHC			ePP	PP	18 52 33.2 +5.3
KHC			eSSKS	SKPbc	18 53 43.3 +5.3
KHC			eAMS	AMS	19 47 00.0
RUDO	Rudo	130.46 321	eP	PKPpdf	18 50 11.4 -3.5
HANZ	Han Pjensak, BI	130.46 322	eP	PKPpdf	18 50 13.9 -1.2
MAPS	Majeska	130.49 322	ePKPpdf	PKIKP	18 50 15.7 -0.2
GECC	GERESS Array S	130.50 330	ePKPpdf	PKIKP	18 50 15.6 -0.2
GECC			ePKPpdf	PKPpdf	18 50 14.5 -0.5
GECC			ePKPpdf	PKPpdf	18 50 14.8 -0.1
GERES	GERESS Array B	130.50 330	PKIKP	PKPpdf	18 50 14.6 -0.4
GERES			ePKPpdf	PKPpdf	18 50 14.6 -0.4
FNA	Florina	130.56 317	PKIKP	PKPpdf	18 50 14.7 -0.6
FNA			ePKPpdf	PKPpdf	18 50 14.7 -0.6
ARSA	Arzberg	130.59 327	iP	PKIKP	18 50 16.4 +0.5
CPUP	Villa Florida	130.60 136	PKP	PKPpdf	18 50 14.8 -0.9
CPUP			ePKPpdf	PKPpdf	19 00 11.1 -5.1
CPUP			ePKPpdf	PKPpdf	18 50 15.9 +0.2
ROTZ	Rotzenmühle	130.60 332	ePKPpdf	PKIKP	18 50 15.8 -0.1
IBBN	ibbenburen	130.65 337	ePKPpdf	PKIKP	18 50 16.0 +0.1
KOGS	Kog	130.68 326	ePKPpdf	PKPpdf	18 50 14.7 -0.6
KOGS			ePP	PP	18 52 34.2 +4.2
KOGS			eSS	SS	18 53 39.9
KOGS			eSS	SS	19 10 03.1 +4.4
KOGS			eSS	SS	19 12 21.0
KOGS			eSS	SS	19 24 22.6
AGG	Agios Georgios	130.69 315	PKIKP	PKPpdf	18 50 14.4 -1.2
AGG			ePKPpdf	PKPpdf	18 50 14.4 -1.2
WET	Wetzels	130.71 331	ePKPpdf	PKIKP	18 50 16.1 0.0
INVG	Invergoldie, C	130.73 347	eP	PKPpdf	18 50 15.3 +0.3
WIN	Windhoek	130.83 230	PKIKP	PKPpdf	18 50 14.6 -2.0
WIN			ePKPpdf	PKPpdf	18 50 14.6 -2.0
WIN			ePKPpdf	PKPpdf	18 50 18.0 +0.6
MOA	Unterbach	130.85 334	ePKPpdf	PKIKP	18 50 16.3 +0.1
UBA	Molin	130.87 329	iP	PKIKP	18 50 16.1 -0.4
ESY	Stoneyhill	132.87 346	eP	PKPpdf	18 50 14.7 -0.6
SDDR	Presas de Saban	130.87 73	eP	PKPpdf	18 50 10.4 -6.0
SDDR			eIAMS_20	IAMS_20	19 44 16.3
UPM	Unac-Piva	130.96 321	eP	PKPpdf	18 50 15.8 -0.3
GRA1	Grafenberg Arr	131.11 332	IAMS_20	IAMS_20	19 48 17.3
GRF	Grafenberg Arr	131.11 332	ePKPpdf	PKIKP	18 50 16.9 -0.1
GRF			eL	L	19 48 17.3
GRFO	Grafenberg	131.11 332	IAMS_20	IAMS_20	19 48 17.3
PDG	Podgorica	131.15 320	iP	PKPpdf	18 50 14.6 -1.6
PDG			ePKPpdf	PKPpdf	18 50 13.8 -2.5
BLV	Banja Luka	131.15 324	eP	PKPpdf	18 50 14.5 -1.7
MRAK	Mravokica	131.16 324	eP	PKPpdf	18 50 15.3 -1.0
PERS	Pernice	131.19 327	ePKPpdf	PKPpdf	18 50 15.5 -0.8
PERS			eSS	SS	18 53 42.8
SOKA	Soboth	131.21 327	iP	PKPpdf	18 50 15.3 -1.1
SOCV	Socops	131.28 87	eP	PKPpdf	18 50 15.4 -2.0
TIR	Tirane	131.30 318	iP	PKIKP	18 50 17.5 0.0
TIR			ePKIKP	PKIKP	18 50 17.5 0.0
DRME	Dravecica, Mon	131.32 320	eP	PKIKP	18 50 17.7 +0.2
BRV	Bratogost	131.35 321	eP	PKPpdf	18 50 13.2 -3.6
CRYS	Cresnev	131.50 326	eP	PKPpdf	18 50 16.4 -0.5
BUG	Bochum-Union	131.51 336	ePKPpdf	PKIKP	18 50 17.4 -0.2
SDV	Santo Domingo	131.54 86	PKP	PKPpdf	18 50 17.8 -0.3
SDV			ePKPpdf	PKPpdf	18 50 17.8 -0.3
OBKA	Obir	131.57 327	iP	PKPpdf	18 50 16.8 -0.2
RJOB	Jochberg	131.69 329	ePKPpdf	PKPpdf	18 50 17.6 +0.3
DRBK	Dubrovnik	131.72 321	iP	PKPpdf	18 50 14.5 -2.8
ETMB	Extrema	131.77 112	iP	PKPpdf	18 50 17.7 -0.5
KBA	Koelnbreinsper	131.84 328	iP	PKIKP	18 50 18.7 0.0
LJU	Ljubljana	131.88 327	eP	PKPpdf	18 50 16.7 -0.9
LJU			ePKPpdf	PKIKP	18 50 18.1 -0.1
LJU			eSS	SS	18 53 43.5
LJU			eSS	SS	19 10 23.1 +1.0
LJU			ePP	PP	19 45 19.9
STON	Ston	131.89 321	eP	PKPpdf	18 50 16.1 -1.5
STON			ePKPpdf	PKPpdf	18 50 13.1 -4.5
RICI	Ricice	131.89 322	iP	PKIKP	18 50 08.8
TNS	Tanus Mts	131.96 334	ePKPpdf	PKIKP	18 50 18.6 0.0
MYKA	Terra Sycifera	131.98 328	iP	PKIKP	18 50 19.3 +0.4
CEY	Cernicka	132.12 326	eP	PKPpdf	18 50 16.1 -2.0
FUR	Furstenfeldbrn	132.15 331	ePKPpdf	PKIKP	18 50 18.8 -0.3
AHRW	Bad Neuenahr-A	132.29 336	ePKPpdf	PKIKP	18 50 19.2 0.0
TSUM	Tsumeb	132.33 234	PKPpdf	PKPpdf	18 50 18.0 -1.3
TSUM			ePKPpdf	PKPpdf	18 50 22.8 +2.3
RIY	Rijeka	132.35 326	eP	PKIKP	18 50 19.3 -0.2
ABTA	Altalbersbach	132.49 329	eP	PKIKP	18 50 20.6 +0.7
ELSV	Elorza	132.52 89	eP	PKPpdf	18 50 16.5 -3.1
WATA	Walderalm	132.57 330	iP	PKPpdf	18 50 18.7 -0.3
WATA			eP	PKPpdf	18 50 21.3 -1.0
WTTA	Wattenberg	132.59 330	iP	PKPpdf	18 50 18.3 -0.8
BTRL	Ternell	132.63 336	PKPpdf	PKPpdf	18 50 21.1 +2.2
MEM	Membach	132.65 328	iP	PKPpdf	18 50 19.1 +2.4
ZIJN	Zirje	132.69 323	eP	PKIKP	18 50 18.0 0.0
STU	Stuttgart	132.70 333	ePKPpdf	PKIKP	18 50 19.9 -0.3
STAL	STALIGAL	132.71 338	PKPpdf	PKPpdf	18 50 17.8 -1.3
MOTA	Mosalsalm	132.80 330	eP	PKPpdf	18 50 17.6 -1.9
MOTA			iP	PKIKP	18 50 21.4 +0.8
SQTA	Sankt Quirin	132.83 330	iP	PKIKP	18 50 21.6 +1.0
ABHU	Houvezne	132.86 336	PKPpdf	PKPpdf	18 50 21.8 +2.5
RETA	Reutte	132.87 330	iP	PKPpdf	18 50 19.6 +0.1
UBR	Ueberuhr	133.05 331	ePKPpdf	PKPpdf	18 50 20.3 +0.5

BCLA	Clavier	133.09 337	PKPpdf	PKPpdf	18 50 19.1 -0.5
FETA	Feichten	133.21 330	eP	PKPpdf	18 50 16.0 -4.3
FETA			eIAMS_20	IAMS_20	19 45 29.8
FETA			eIAMS_20	IAMS_20	19 45 29.8
HATO	Hato, Curacao	133.34 82	IAMS_20	IAMS_20	19 41 08.2
WLF	Walferdange	133.34 335	ePKPpdf	PKPpdf	18 50 21.9 +1.7
WLF			ePKPpdf	PKPpdf	18 50 21.8 +1.7
WLF			eIAMS_20	IAMS_20	19 49 20.1
CWF	Charwood Fore	133.38 343	eP	PKPpdf	18 50 19.5 -0.6
BMRD	Mareduos	133.39 327	PKPpdf	PKPpdf	18 50 23.0 +2.7
CTI	Castel Tesino	133.40 328	PKIKP	PKPpdf	18 50 17.9 -2.7
CTI			ePKPpdf	PKPpdf	18 50 17.9 -2.7
BFO	Black Forest	133.41 338	ePKPpdf	PKIKP	18 50 21.1 -0.5
DAVA	Damets	133.44 331	eP	PKIKP	18 50 23.1 +1.2
DOU	Dourbes	133.62 337	PKPpdf	PKPpdf	18 50 23.5 +2.8
IATE	Matera	133.71 319	iP	PKPpdf	18 50 20.6 -0.6
SGRT	San Giovanni R	133.71 321	ePKPpdf	PKPpdf	18 50 19.3 -1.4
BBFR	BB Station	133.85 83	IAMS_20	IAMS_20	19 43 41.6
TEOL	Teolo	133.85 328	PKPpdf	PKPpdf	18 50 19.8 -1.5
HLMI	Long Mynd	134.01 344	eP	PKPpdf	18 50 21.8 +0.4
ELCH	Elch	134.02 333	IAMS_20	IAMS_20	19 50 57.2
TUE	Stuetta	134.27 330	PKPpre	PKPpre	18 50 12.6
TUE			eIAMS_20	IAMS_20	19 54 16.2
MCHI	Michaelchurch	134.51 344	eP	PKIKP	18 50 23.8 +0.1
NRCA	Norcia	134.66 324	PKPpdf	PKPpdf	18 50 21.5 -1.5
MURB	Monte Urbino	134.73 325	PKPpre	PKPpre	18 50 10.4
AQU	L'Aquila	134.78 323	PKIKP	PKPpdf	18 50 19.7 -3.5
AQU			eMLR	MLR	18 50 19.7 -3.5
AQU			ePKPpdf	PKPpdf	18 50 22.0 -1.2
AQU			ePKPpdf	PKPpdf	18 50 19.7 -3.5
AQU			eIAMS_20	IAMS_20	19 50 17.2
PAOL	Paolis	134.85 321	PKPpdf	PKPpdf	18 50 21.0 -2.3
SAML	Samuel	134.87 112	PKHKP	PKPpre	18 50 09.9
SAML			ePKPpre	PKPpre	18 50 09.9
CRPR	Cabo Rojo, PR	134.91 74	PKPpdf	PKPpdf	18 50 20.4 -3.6
ARCO	Arco Observ	135.21 73	PKPpre	PKPpre	18 50 12.2
OSSP	Ossero P	135.28 326	PKPpre	PKPpre	18 50 13.3
VILC	Villacolumne	135.33 327	IAMS_20	IAMS_20	19 50 31.4
VENL	Lac Senin/Sane	135.33 332	PKPpdf	PKPpdf	18 50 19.7 -4.6
OBIP	Obisepado Ponce	135.38 73	PKPpdf	PKPpdf	18 50 21.7 -3.2
ADOB	Aquidauana	135.45 131	PKPpdf	PKPpdf	18 50 22.0 -3.0
PTJB	Pontes e Lacer	135.54 123	PKPpre	PKPpre	18 50 11.6
San Juan		135.81 73	PKHKP	PKPpre	18 50 16.4
SJG		135.81 73	PKIKP	PKPpdf	18 50 24.6 -1.0
SJG			eIAMS_20	IAMS_20	19 53 36.6
SJG			eMLR	MLR	18 50 23.8 -1.9
SJG			ePKPpdf	PKPpdf	18 50 23.8 -1.9
SJG			eIAMS_20	IAMS_20	19 43 54.0
SJG			ePKPpdf	PKPpdf	18 50 23.8 -1.9
SJG			eIAMS_20	IAMS_20	19 43 54.0
VILB	Vilhena	135.85 119	PKPpdf	PKPpdf	18 50 23.0 -2.9
CASP	Castiglione de	136.97 325	PKPpre	PKPpre	18 50 11.7
CLF	Chambray	137.20 337	IAMS_20	IAMS_20	19 53 36.6
BNI	Bardonecchia	136.59 331	IAMS_20	IAMS_20	19 54 21.5
STVI	Saint Thomas	136.91 73	PKPpdf	PKPpdf	18 50 25.5 -2.2
RAFF	Raffo Rosso	137.07 317	PKPpre	PKPpre	18 50 14.2
CRVI	St. Croix	137.15 74	PKPpre	PKPpre	18 50 14.2
PCRV	Puerto La Cruz	137.52 85	PKHKP	PKPpre	18 50 20.3
PCRV			eSKPbc	SKPbc	19 03 01.5 +1.1
CLTB	Caltabellotta	137.65 318	IAMS_20	IAMS_20	20 01 43.8
SABA	Saba	138.61 74	eP	PKPpre	18 50 21.5
SABA			eIAMS_20	IAMS_20	19 45 40.4
SMRT	St. Maarten	138.72 73	eP	PKPpre	18 50 18.6
SMRT			eIAMS_20	IAMS_20	19 48 35.2
SEUS	Saint-Eustache	138.87 74	eP	PKPpre	18 50 19.6
YSL	Villasaltas	138.94 323	PKPpdf	PKPpdf	18 50 30.1 -0.8
MACA	Manacapur-AM	139.17 105	PKPpre	PKPpre	18 50 21.6
ANWB	Willby Bob	139.98 73	IAMS_20	IAMS_20	19 46 12.8
PTGA	Pitinga	140.53 102	PKHKP	PKPpre	18 50 29.2
PTGA			ePKPpre	PKPpre	18 50 25.9
PTGA			eIAMS_20	IAMS_20	19 47 31.4
GMCP	Grenada, Carri	140.70 81	eP	PKPpre	18 50 20.7
GOAV	Col de Zad	141.83 300	eP	PKPpre	18 50 26.7
DVLP	La Plaine	140.73 77	eP	PKPpdf	18 50 33.8 -1.0
SVB	Belmont	140.84 80	eP	PKPpre	18 50 23.2
SVN	Savane Anatole	140.85 78	PKPpdf	PKPpdf	18 50 31.3 -3.7
SVN			eIAMS_20	IAMS_20	19 51 22.0

18d 18h

Table with columns: HNR, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Honiara, Jayapura, Warramunga Arr, etc.

NEIC 18:18:42:09.3:1.2,35:80N:0:02:97:26W:0:02:h5km2km, mz_Lg2.6/15, Error ellipse: s-maj=3.5km s-min=3.0km az=127.0, Oklahama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Liberty Lake, Bluff Creek N, etc.

IDC 18:18:53:53.9:0.5,9:07S:158:55E,h0km,mb4.8/28, mb1.4/9.29,mb1mx4.6/58,mbtmp4.8/29,ML4.4/2, Error ellipse: s-maj=13.8km s-min=12.4km az=139.0

BUI 18:18:53:53.6:0.0,8:85S:158:55E,h7km,mb4.8/40, NEIC 18:18:53:55.8:1.5,9:05SS:109:158:51E:0:02:h1(km2,1km, mb5.1/66, Error ellipse: s-maj=16.0km s-min=10.3km az=201.0

ISC 18:18:53:55.4:0.3,9:08S:0:06:158:49E:0:05:h10km,n259, -0:92:249,mb5.1/86,1C-3D,Bougainville-Solomon Islands region

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

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Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mount Arapiles, Labuha, etc.

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Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like White Mountain, Castle Rocks, etc.

Table with columns: HYT, Haines Junction, 85.67, 26, P, P, 19 06 36.1 +1.8, etc.

18C 18:56:40.9-1.0, 9.18S; 158.43E, h0km, mb4.1/7, Error ellipse: s-maj=32.2km s-min=19.9km az=2.0

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

18C 18:19:06:19.0-0.9, 9.07S; 158.37E, h0km, mb4.2/8, Error ellipse: s-maj=30.8km s-min=6.1km az=22.0

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

Table with columns: ASAR, Alice Springs, 27.64, 235, P, P, 19 12 07.2 -0.4, etc.

18C 18:09:05.4-1.1, 53.66N; 165.51W, h0km, mb4.0/13, Error ellipse: s-maj=28.7km s-min=17.1km az=11.0

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

18C 18:08:20.7-1.1, 21.45S; 0.2-178.0W; 0.2, h396km, 7km, mb4.3/8, Error ellipse: s-maj=31.3km s-min=20.6km az=187.0

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

18C 18:19:11:55.9, 0.8, 9.09S; 158.49E, h0km, mb4.2/8, Error ellipse: s-maj=23.3km s-min=17.6km az=176.0

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

Table with columns: YHH, Holmes Hill, 35.81, 81, P, P, 19 15 07.2 +1.1, etc.

18C 18:19:08:17.4, 21.66S; 177.63W, h386km, mb4.7/5, Fiji Islands Region

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

18C 18:19:11:55.9, 0.8, 9.09S; 158.49E, h0km, mb4.2/8, Error ellipse: s-maj=23.3km s-min=17.6km az=176.0

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

18d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, WAKE ISLAND, WARRAMUNGA ARR, etc.

IDC 18 19:17:47.0.9.9.15S:158.56E,h0km,mb3.9/6, mb1 4.1/7, mb1mx3.8/26, mbtmp3.9/6, Error ellipse: s-maj=21.8km s-min=17.6km az=5.0

ISC 18 19:17:49.3.0.9.9.25S:0.2.158.54E:0.09,h10km,n17, 0.055/8,mb3.9/6,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Honiara, WARRAMUNGA ARR, ALICE SPRINGS, etc.

IDC 18 19:21:13.3.0.9.9.23S:158.51E,h0km,mb3.7/7, mb1 3.9/7, mb1mx3.7/26, mbtmp3.7/7, Error ellipse: s-maj=27.9km s-min=17.6km az=171.0

ISC 18 19:21:15.0.8.9.25S:0.2.158.48E:0.09,h10km,n11, 0.056/9,mb3.7/7,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Honiara, WARRAMUNGA ARR, ALICE SPRINGS, etc.

IDC 18 19:21:54.3.0.9.9.08S:158.59E,h0km,mb4.1/7, mb1 4.3/7, mb1mx4.0/26, mbtmp4.1/7, Error ellipse: s-maj=24.4km s-min=18.2km az=1.0

NEIC 18 19:21:56.2.1.2.9.15S:0.2.158.67E:0.07,h10km,1km, mb4.2/8, Error ellipse: s-maj=31.6km s-min=17.3km az=197.0

ISC 18 19:21:55.7.0.8.9.19S:0.2.158.61E:0.07,h10km,n17, 0.075/18,mb4.1/11,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Honiara, WARRAMUNGA ARR, ALICE SPRINGS, etc.

JMA 18 19:24:16.5.0.2.22.94N:122.96E,h57km,M2.9 TAP 18 19:24:17.2.22.90N:122.92E,h74km,1km,ML3.4,0 D

ISC 18 19:24:17.2.1.2.22.91N:0.04.122.98E:0.03,h50km,n101, 0.133/166,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hateruma jima, Ludao, Changbin, etc.

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YONGUNAGUNIJIMAKU, YONAGUNI JIMA, YOJ, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUOXING, TAPU, TPUB, etc.

IDC 18 19:31:57.4.0.7.9.16S:158.48E,h0km,mb4.1/10, mb1 4.3/11, mb1mx4.0/41, mbtmp4.1/11, ML4.1/1, Error ellipse: s-maj=23.4km s-min=15.9km az=171.0

NEIC 18 19:31:58.9.1.6.9.15S:0.2.158.52E:0.08,h10km,1km, mb4.5/9, Error ellipse: s-maj=31.4km s-min=11.7km az=190.0

ISC 18 19:31:58.6.0.6.9.25S:0.2.158.48E:0.07,h10km,n24, 0.1501/25,mb4.1/15,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Honiara, WARRAMUNGA ARR, TENNANT CREEK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

IDC 18 19:38:58.17.1.2.99N:127.10E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/37, mbtmp3.7/3, Error ellipse: s-maj=172.3km s-min=111.1km az=75.0, Northern Molouca Sea

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, BS04 Boso, etc.

IDC 18 19:43:22.0.1.1.33.68N:141.75E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.6/43, mbtmp3.6/10, ML2.9/2, Error ellipse: s-maj=23.1km s-min=17.5km az=86.0

JMA 18 19:43:25.9.0.2.33.93N:141.44E, h33km, MB.2

ISC 18 19:43:24.8.0.8.33.88N:104.141.47E, 0.107, h24km, n23, e=25/24, mb3.5/7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BS04 Boso 4, etc.

IDC 18 19:52:20.5.0.9.02S:158.48E, h0km, mb4.0/7, mb1 4.2/7, mb1mx3.9/43, mbtmp4.0/7, Error ellipse: s-maj=25.1km s-min=17.0km az=172.0

ISC 18 19:52:22.1.0.9.02S:158.48E, 0.08, h10km, n8, e=083/9, mb4.0/7, Bougainville-Solomon Islands region

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

KMA 18 19:56:41.2.30.59N:129.16E, h15km

JMA 18 19:56:45.4.0.2.31.15N:128.85E, h3km, 2km, M4.3

JMA Feiti JT

MOS 18 19:56:47.8.1.0.31.16N:128.97E, h16km, mb4.6/13, Error ellipse: s-maj=12.7km s-min=6.1km az=105.0

BJI 18 19:56:47.0.0.31.05N:129.08E, h21km, mb5.0/1, mb4.4/38, Ms5.0/3, Ms7.4/9/3

IDC 18 19:56:47.5.0.6.31.15N:128.91E, h0km, mb4.1/21, mb1 4.2/25, mb1mx4.1/73, mbtmp4.1/25, ML3.1/5, Error ellipse: s-maj=17.8km s-min=11.9km az=79.0

NEIC 18 19:56:49.2.1.1.31.21N:104.128.99E:0.05, h10km, 1km, mb4.5/35, Error ellipse: s-maj=8.8km s-min=5.5km az=313.0

ISC 18 19:56:48.2.1.6.31.18N:104.45.128.99E:0.04, h6km, gkm, n147, e=192/1159, mb4.4/47, 15C, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JSJ Shimokoshiki, JSJ Kuchinoerabu, JKC Kuchinoerabu, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMTN Minamitane, JMTN Takasaki, JMTN Takasaki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSH Kashi, AAK Al-Archa, AAK Al-Archa, etc.

NEIC 18 20:07:05.9.0.9.23.7S:179.13W, h538km, 34km, mb3.6/6, mb1 3.6/9, mb1mx3.3/35, mbtmp4.5/9, Error ellipse: s-maj=63.0km s-min=33.9km az=99.0

ISC 18 20:07:05.6.1.8.23.6S:0.1+178.7W:0.2, h550km, n28, e=159/26, mb4.2/11, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, MSVF Nonsavu, MARC Mare, Loyalty, etc.

1161

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like LK2D, TSoukalades, Livadi, Damouliana-K, etc.

2015 NOV

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like ANoyia, STon, VUO, BOVS, etc.

18d 20h

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like BOOM, SFK, ANVS, UCH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PKIN Phulchoki, KKN Kakani, GKN Gorkha, ULN Ulanbatai, SONM Songoing Array, etc.

IDC 18 21:41:38.4, 1.2, 12.01N:143.83E, h0km, mb3.8/9, mb1.4/1.9, mb1mx3.7/5.1, mbtmp3.9/7. Error ellipse: s-maj=34.2km s-min=21.8km az=130.0

ISC 18 21:41:43.1, 0.8, 12.12N:0.1, h26km, n11, c110/12, mb3.8/10, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, CMAR Chiang Mai Arr, etc.

IDC 18 21:47:01.8, 1.1, 13.06S:167.60E, h0km, mb3.9/7, mb1.4/1.7, mb1mx3.7/5.0, mbtmp3.9/7. Error ellipse: s-maj=39.4km s-min=26.8km az=139.0

NEIC 18 21:47:26.6, 1.9, 13.15S:0.1x167.1E, 0.2, h192km, 12km, mb4.3/11, Error ellipse: s-maj=25.7km s-min=9.2km az=59.0

ISC 18 21:47:26.7, 0.9, 13.22S:0.1x167.2E, 0.2, h200km, n27, c1933/25, mb4.1/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SANVU Sarauoutou, MARNC Mare, Loyalty, DZM Mont Dzumac, etc.

IDC 18 21:47:53.5, 5.3, 49.17S:108.91E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.8/3.9, mbtmp3.9/4. Error ellipse: s-maj=172.4km s-min=30.4km az=100.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, VYND Vanda, etc.

NEIC 18 21:49:57.6, 1.8, 19.21S:0.06:169.0E, 0.1, h101km, 11km, mb4.2/6, Error ellipse: s-maj=16.6km s-min=7.7km az=79.0

IDC 18 21:49:57.4, 5.4, 19.48S:169.22E, h125km, 47km, mb3.4/5, mb1.3/6, mb1mx3.3/4.4, mbtmp3.8/6. Error ellipse: s-maj=98.9km s-min=34.5km az=146.0

NOU 18 21:50:01.1, 1.9, 19.33S:168.91E, h62km, MLv4.2/14, Vanuatu Islands

ISC 18 21:45:59.1, 1.1, 19.28S:0.05:169.2E, 0.1, h100km, n33, c1851/38, mb3.9/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTV Rentapao, DVP Devils Point, LIFNC LIFOU, etc.

KRNET 18 22:04:31.3, 0.1, 40.38N:73.19E, h12km, mb1.9, 20C-8D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OHH Osh, WBO Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OHH Sufi-Kurgan, SFK Terek-Bliss, SFK Sufi-Kurgan, etc.

IDC 18 22:06:18.3, 6.9, 9.42S:158.98E, h0km, mb3.4/3, mb1.4/2.4, mb1mx3.5/2.6, mbtmp3.4/3, MS4.1/2, Ms1 4.1/2, ms1mx3.7/1.9, Error ellipse: s-maj=201.0km s-min=52.3km az=117.0, Bougainville-Solomon Islands region

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

IDC 18 22:08:27.2, 1.6, 44.11N:105.81W, h0km, mb4.2/2, mb1.4/2.4, mb1mx3.7/3.7, mbtmp4.1/4, ML3.7/2, Error ellipse: s-maj=61.4km s-min=8.0km az=146.0

NEIC 18 22:08:27.3, 1.7, 43.74N:105.105W, 0.05, h0km, 2km, ML3.2/4, Error ellipse: s-maj=7.8km s-min=6.4km az=172.0

ISC 18 22:08:26.5, 1.0, 43.75N:0.07x105.29W, 0.07, h0km, n40, c1807/40, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RZZA Black Hills, KSSD Casper, RWYJ Rawlins, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WALA Waterton Lakes, AGMN Agassiz Nation, F36A Milaca, ULM Lac du Bonnet.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like NEIC 18 22:28:08.6, 1.1, 8.56N, 0.09:126.9E, 0.17, h10km, 1km.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MAN 18 22:28:09.8, 8.46N, 127.16E, h33km, mb4.8, ML3.7, MS3.7.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ISC 18 22:28:07.2, 0.846N, 0.40:126.94E, 0.07, h14km, 12km.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BIPH Bislig, BIPH Davao City (W), DAV 79nm, 0.3s, baz=40, slow=8.7, SNR=8.1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like DAV 53nm, 0.3s, baz=65, slow=20, SNR=2.2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KCP Kidapawan, KCP KCP, MASIN Maasin.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MSLP MSLP, TBP Tagbilaran, TBP TBP, LPP Lapu-Lapu.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ROP Roxas, FAK Fak Fak, KNRA Kunurra.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WBO Warrungarra Arr, WBO WBO.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ASAR Alice Springs, US08B Ussuriysk Arra.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like USRK Ussuriysk Arr, SHL Shilong.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BB00 Buckleboe, MK31 Makanchi Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MKAR Makanchi Array, MAKZ Makanchi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like NIL Nilore, AAK Ala-Archa, KURK Kurchatov.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GAR Karatay Array, TIXI Tiksi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BRVK Borovoye, ABKAR Akbulak array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ARU Arti, KDKA Kodiak Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like L27K Beaver Creek, BCAR Beaver Creek.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like AKASG Malin Array Be, ISC 18 22:32:25.9, 1.4, 29.11S.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, STKA Stephens Creek.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SNA3 Sanae, VNA3 Neumayer Olymp.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like VNA2 Neumayer-Watz, VNA1 Neumayer-Stat.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like FINES FINESS Array B, ISC 18 22:32:48.2, 4.8, 29.35S.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ISC 18 22:33:00.4, 5.3, 28.99S.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WRA Warrungarra Arr, ESCD Sotsegei Array.

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

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

2.9nm, 0.9s, baz=60, slow=3.4, SNR=5.5

ISC 18 22:33:40.6, 3.7, 30.27S x 178.19W, h0km, mb4.2/3, mb1 4.4/3, mb1mx3.9/30, mbtmp4.2/3, Error ellipse: s-maj=192.7km s-min=48.7km az=158.0, Kermadec Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WRA Warrungarra Arr, FINES FINESS Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like AKASG Malin Array Be, ISC 18 22:34:06.2, 1.0, 29.10S.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, STKA Stephens Creek.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like FINES FINESS Array B, NOA NORAS Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like AKASG Malin Array Be, ISC 18 22:34:53.5, 2.4, 29.11S.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like AFI Afiamalu, STKA Stephens Creek.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like TORD Torodi Arr, KRSC 18 22:37:27.7, 1.4, 55.49N.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KMINR Kamenistaya, KMINR Kamin.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like TUMR Tumrok, KIRR Kirishev.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KIRR Kirishev, BZGR Bezymyanni-Gr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BZGR Bezymyanni-Gr, KPT Koyto.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KPT Koyto, ZLN Zelenaya.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ZLN Zelenaya, LGNR Lgovina.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like LGNR Lgovina, CIRR Tsirik.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CIRR Tsirik, KOZ Kozrevsk.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KOZ Kozrevsk, KRSR Krestovskiy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KRSR Krestovskiy, KLY Klyuchki.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KLY Klyuchki, ESO Esso.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ESO Esso, BDR Baidarnaya.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BDR Baidarnaya, SRKR Sorokina.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SRKR Sorokina, SMKR Semkarok.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SMKR Semkarok, MKZ Mys Kozlova.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MKZ Mys Kozlova, KBG Krutoberegovo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KBG Krutoberegovo, KBTR Krutoberegovo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KBTR Krutoberegovo, KIL Karymskiy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KIL Karymskiy, GNL Ganaly.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GNL Ganaly, SDLR Sedlovina.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SDLR Sedlovina, SDLR Koryakskiy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SDLR Koryakskiy, NLC Nalytchevo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like NLC Nalytchevo, SPN Nys Shipunski.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SPN Nys Shipunski, SMAR Somma.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SMAR Somma, AVH Avchinsk.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like AVH Avchinsk, KOK Koryak.

NOU 18 22:33:18.3, 18.19S-169.08E, h0km, MLV3.9/8, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RTV Rentapao, MARNO Mare, Loyalty.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CATNC Catnakeau, DZM Port Dzumac.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like NOU Nou, OUCEN Ouen Island, N, ONTNC Ouen Taro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ISC 18 22:44:17.0, 0.6, 32.38S x 177.95W.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GLKZ Green Lake, GLKZ Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HJ2 Mitsune, HJ2 Hachioji jima 2, HJH 698nm, 0.3s, baz=1.1, slow=1.8, SNR=9.4, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ELK Elko, BURAR Bucovina Array, RAYN Ar Rayn, PDAR Pinedale Array, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KSH comp=Z,150nm,0.9s, BLB Ballybastay, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BRLLS Boroladay, WMQ Uromuji, ZSN Zaisan, CHGR Chuyangaron, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RTV Rentapao, DVP Devils Point, LIFNC LIFOU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, LBMI Labuha, SGTI Sangihe, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RTV Rentapao, DVP Devils Point, LIFNC LIFOU, etc.

NNC 19 01:13:16.9;1.4, 45.44N;78.87E, h0km, mb2.5, mpv2.4, Error ellipse: s-maj=9.7km s-min=4.3km az=164.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAPAS Kapalarasan, TDK Taldyqorghhan, DJR Jarkent, etc.

KRNET 19 01:16:50.9;0.1, 40.33N;73.20E, h14km, mb3.3 KNET 19 01:16:51.8;0.4, 40.45N;73.31E, h5km, mb2.8, Error ellipse: s-maj=5.9km s-min=2.3km az=81.0

NNC 19 01:16:52.1;1.4, 40.45N;73.24E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=9.8km s-min=6.6km az=177.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, OHH baza-1.0, SFK Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EKS2 Erkin-Say, EKS2 Erkin-Say, EKS2 Erkin-Say, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like USP Osenpovka, TSM Tokmak 2, TKM2 Tokmak 2, etc.

NOU 19 01:19:58.7;17.12S;167.53E, h28km, MLV4.9/17, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DVP Devils Point, RTV Rentapao, SANVU Sarautou, etc.

IDC 19 01:26:03.0;1.1, 0.92N;127.33E, h0km, mb4.1/5, mb1 3.9/4, mb1mx3.5/1, mb1mp3.7/4, Error ellipse: s-maj=196.8km s-min=21.3km az=67.0, Halmahera

DJA 19 01:26:05.7;0.2, 1.7N;127.95E, h10km, M4.1/12, mb5.5/3, mb4.4/9, MLV3.9/12, Mw(MB5.0/3, MwMwp6.0/1), Mwp6.1/1

NEIC 19 01:26:07.0;0.4, 0.9N;127.3E;0.3, h20km, zkm mb4.2/12, Error ellipse: s-maj=48.6km s-min=14.7km az=64.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, LBMI Labuha, SGTI Sangihe, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BCAR, EGAK, NRK, INK, ZALV, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like REDW, DUG, DUG2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like BNDI, SAUI, SAUI, etc.

WRO	Warramunga Arr	22.52	159	P	P	02 48 20.4	+0.2
WRO				I	Amb	02 48 25.6	
YULB	Yu-li	22.61	348	P	P	02 48 21.1	+0.1
YULB				I	Amb	02 48 23.5	
ASAR	Alice Springs	25.79	164	P	P	02 48 50.7	-0.3

IDC 19 02:43:44.5:2.1, 0.17N, 127.27E, h0km, mb3.7/3, mb1.4, 0/3, mb1mx3.5/39, mcomp3.8/3, MS2.7/2, Ms1 2.7/2, ms1mx2.3/41, Error ellipse: s-maj=164.3km s-min=26.3km az=66.0

ISC 19 02:43:46.2:1.7, 0.11N, 127.0E, 0.2, h10km, n8, s089/5, mb3.7/3, Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
LBMJ	Labuha	0.91	145	P	02 44 08.7	+3.6
SANI	Sanana	2.38	205	P	02 44 32.0	+0.4
KMSI	Cibinong	3.03	279	P	02 44 33.7	+0.6
SJUI	Sorong	4.40	103	LR	02 46 30.2	
LEM	Lembang	20.51	250	LR	02 58 46.9	
WRA	Warramunga Arr	21.20	161	P	02 48 31.4	-0.7
ASAR	Alice Springs	24.57	165	P	02 49 06.3	-0.3
MKAR	Makanchi Array	60.67	326	P	02 53 58.4	+0.7

IDC 19 02:44:10.3:2.1, 0.27N, 127.20E, h0km, mb3.9/3, mb1.4, 2/3, mb1mx3.7/39, mbtmp4.0/3, Error ellipse: s-maj=161.0km s-min=27.5km az=66.0, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	21.27	161	P	02 48 57.8	-0.6
ASAR	Alice Springs	24.67	165	P	02 49 33.5	+0.5
MKAR	Makanchi Array	60.66	326	P	02 54 23.3	-0.1

BEO 19 02:47:04.7:1.1, 38.49N, 20.34E, h0km, ML3.9/7, IDC 19 02:47:05.9:0.8, 38.78N, 20.50E, h0km, mb4.0/11, mb1.4, 0/4, mb1mx3.9/61, mbtmp3.9/24, ML3.7/12, MS2.9/4, Ms1 2.9/4, ms1mx2.6/55, Error ellipse: s-maj=13.7km s-min=12.6km az=28.0

TIR 19 02:47:07.1, 38.70N, 20.61E, h25km, Md3.6, PDG 19 02:47:07.4:0.6, 38.84N, 20.47E, h4km, 1km, ML3.8/14, Error ellipse: s-maj=0.8km s-min=0.9km az=0.0

NEIC 19 02:47:08.7:2.0, 38.69N, 20.04, 20.50E, 0.05, h17km, 5km, Error ellipse: s-maj=6.6km s-min=5.6km az=211.0

THE 19 02:47:08.6, 38.73N, 20.58E, h8km, ML4.0/9, Error ellipse: s-maj=0.8km s-min=0.4km az=296.0

ATH 19 02:47:08.4, 38.72N, 20.63E, h10km, ML4.0/4, Error ellipse: s-maj=1.3km s-min=0.8km az=282.0

ISC 19 02:47:07.7:0.6, 38.13N, 20.02, 20.53E, 0.02, h13km, 3km, n257, s127/318, mb4.1/13, 33C-23D, Greece

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DRAG	Dragano-Lefkad	0.04	128	P	02 47 10.3	+0.2
DRAG				S	02 47 11.7	-0.1
DRAG	Dragano-Lefkad	0.04	128	P	02 47 10.3	+0.2
DRAG				S	02 47 11.8	-0.1
LKD2	Lefkada island	0.13	51	P	02 47 10.6	-0.4
LKD2				S	02 47 12.2	-1.2
LKD2	Lefkada island	0.13	51	P	02 47 10.6	-0.4
LKD2				S	02 47 12.2	-1.2
LKD2	Lefkada island	0.13	51	P	02 47 12.6	
LKD2				AML	02 47 12.8	
LKD2	Lefkada island	0.13	51	P	02 47 10.7	-0.4
LKD2				AML	02 47 12.8	
LKD2	Lefkada island	0.13	51	P	02 47 10.7	-0.4
LKD2				AML	02 47 12.8	
NYDR	Nydri-Lefkada	0.13	89	P	02 47 10.5	-0.5
NYDR				S	02 47 12.1	-1.3
NYDR	Nydri-Lefkada	0.13	89	P	02 47 10.5	-0.5
NYDR				S	02 47 12.1	-1.3
EVGI	Lefkada island	0.13	133	P	02 47 11.3	+0.2
EVGI				S	02 47 11.2	+0.1
EVGI	Lefkada island	0.13	133	P	02 47 11.2	+0.1
EVGI				S	02 47 11.2	+0.1
TSLK	Tsoukalades, L	0.15	40	S	02 47 13.1	-0.8
TSLK				S	02 47 13.1	-0.8
TSLK	Tsoukalades, L	0.15	40	S	02 47 11.2	-0.1
TSLK				Pg	02 47 13.4	+0.5
TSLK				AML	02 47 13.8	
TSLK				AML	02 47 15.0	
FSK	Fiskardo	0.25	175	P	02 47 14.0	0.0
FSK				S	02 47 18.5	+0.2
FSK				S	02 47 14.2	+0.1
FSK				Sb	02 47 17.7	+0.6
FSK				AML	02 47 19.0	
FSK				AML	02 47 20.4	
LXRA	Lixouri, Kepha	0.52	188	P	02 47 18.5	-0.1
ARGA	Argostoli, Kep	0.53	185	P	02 47 19.4	+0.5
VLS	Valsamata	0.53	175	S	02 47 18.7	-0.2
VLS				S	02 47 26.8	+0.3
VLS				AML	02 47 28.7	
VLS				AML	02 47 28.7	
VLS				AML	02 47 28.7	
PSDA	Pessada-Kefalo	0.16	376	P	02 47 19.6	+0.2
PVO	Paravoia	0.78	97	S	02 47 22.5	-0.3
PVO				Sb	02 47 34.4	+0.8
PVO	Paravoia	0.78	97	P	02 47 22.5	-0.3
PVO				S	02 47 31.2	-1.9
IGT	Igoumenitsa	0.84	349	P	02 47 23.7	-0.2
IGT	Igoumenitsa	0.84	349	P	02 47 23.6	-0.2
IGT				S	02 47 37.1	-0.2
JAN	Janina	0.98	15	P	02 47 26.4	-0.2
JAN				P	02 47 26.4	-0.2
RLS	Riolos of Patr	0.98	131	P	02 47 26.0	-0.6
RLS				P	02 47 26.0	-0.6
EVV	Ervrytania	1.02	78	P	02 47 26.2	-1.1
EVV				S	02 47 41.6	+1.1
EVV	Ervrytania	1.02	78	P	02 47 26.0	-1.4
EVV				S	02 47 39.3	-1.3
LTHK	Lithakia	1.03	166	P	02 47 26.8	-0.7
EFP	Epifanio	1.11	304	P	02 47 27.6	-1.5
KASA	Kassiopei	1.13	106	P	02 47 29.8	+0.6
KASA				P	02 47 30.2	+0.7
KEK	Kerkira	1.15	331	P	02 47 30.4	+0.9
DRO	Drossia	1.20	129	P	02 47 29.5	-0.7
DRO				P	02 47 29.2	-1.0
LAKA	Lakka	1.23	112	P	02 47 29.9	-0.6
LAKA				S	02 47 48.1	+1.1
LAKA	Lakka	1.23	112	P	02 47 29.5	-1.0
SRR	Sarande	1.24	341	P	02 47 31.2	-0.3
SRR				Pg	02 47 32.2	+0.7
SRR				S	02 47 49.1	+1.9
TRIZ	Trizonia	1.26	105	P	02 47 30.2	-0.7
TRIZ				S	02 47 49.6	+2.0
TRIZ	Trizonia	1.26	105	P	02 47 30.1	-0.7
MAKR	Makrakomi, Fth	1.28	76	P	02 47 30.9	-0.4
MAKR				P	02 47 31.0	-0.4
KPRO	Kipourio	1.40	27	P	02 47 33.8	+0.7
KPRO				P	02 47 33.6	+0.7
THL	Klokotos Trika	1.43	53	P	02 47 33.2	-0.1
THL				P	02 47 33.6	+0.3
KLV	Kalavryta, Ach	1.44	117	P	02 47 33.1	-0.3
KLV				P	02 47 33.0	-0.4
AGG	Agios Georgios	1.44	77	P	02 47 34.0	+0.6

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
AGG	comp=N, 3um, 0.6s			S		
AGG	Agios Georgios	1.44	77	P	02 47 33.9	+0.5
AGG	Agios Georgios	1.44	77	Pn	02 47 33.7	+0.3
AGG				Sn	02 47 53.2	+1.1
LSK	Leskovik	1.44	2	P	02 47 35.5	+0.2
LSK	baz=0.0			S		
PENT	Pentaflofos	1.56	17	P	02 47 36.9	+0.5
GUR	Goura	1.62	118	P	02 47 36.4	+0.4
GUR				Pn	02 47 36.3	+0.4
THAL	Thalero	1.81	111	P	02 47 39.6	+1.2
ITHI	Ithomi	1.88	144	P	02 47 42.4	+0.5
ITHI				Pn	02 47 40.1	+0.5
ITHI	Ithomi	1.88	144	Pn	02 47 41.2	+1.2
KBN	Korca	1.92	6	P	02 47 41.5	+1.4
KBN				P	02 47 43.4	+0.8
KBN	baz=4.0			S		
VLO	Vlora	1.93	336	P	02 47 40.9	+0.7
VLO				P	02 47 42.7	0.0
VLO	baz=335			S		
VLO	Vlora	1.93	336	P	02 47 40.9	+0.7
VLO				P	02 47 42.7	0.0
VLO	baz=335			S		
LKR	Lokris	1.93	91	P	02 47 41.8	+1.6
LTK	Loutrakli	2.03	109	P	02 47 44.2	-0.2
SCTE	Santa Cesarea	2.10	311	P	02 47 43.4	+0.9
FNA	Firina	2.17	17	Pn	02 47 45.6	-1.3
FNA	Flanta	2.17	17	P	02 47 46.0	-0.8
FNA	baz=15			S		
FNA				S	02 48 15.0	+1.3
VIL2	Platees	2.21	102	P	02 47 46.3	+2.3
OHR	Ohrid	2.41	5	ePn	02 47 50.1	-0.8
OHR				eSn	02 48 20.6	-0.1
OHR	Ohrid	2.41	5	ePn	02 47 49.6	-1.3
TIR	Tirane	2.68	349	JS	02 48 23.5	+0.6
TIR				JS	02 48 23.0	+2.5
TIR	Tirane	2.68	349	P	02 47 52.7	+2.1
TIR				P	02 47 52.7	+2.1
TIR	Tirane	2.68	349	P	02 47 52.7	+2.1
TIR				S	02 48 27.9	-0.5
PHP	Peshkopja	2.97	359	P	02 47 56.6	+2.1
PHP	baz=358			S		
PHP				S	02 48 33.8	+3.7
TIP	Timpagrande	2.98	280	JS	02 47 56.4	+1.8
TIP				Pn	02 48 31.2	+1.0
TIP	Timpagrande	2.98	280	JS	02 47 55.2	+0.5
VAY	Valandovo	3.04	30	ePn	02 47 56.9	+1.4
VAY				eSn	02 48 38.7	+0.1
VAY	Valandovo	3.04	30	ePn	02 47 56.8	+1.4
STIP	Stip	3.24	22	iPn	02 47 51.6	+3.0
SKO	Skopje	3.33	12	iPn	02 48 01.5	+2.1
ULC	Ulcinj	3.40	344	iPn	02 48 00.4	+0.1
ULC				iSn	02 48 39.4	-1.1
MATE	Matera	3.53	304	iP	02 48 03.5	+1.4
DRME	Dracevica, Mon	3.62	344	iPn	02 48 04.2	+0.8
DRME	Dracevica, Mon	3.62	344	iPn	02 48 04.2	+0.8
DRME				iSn	02 48 48.8	-1.2
CEL	Celeste	3.67	264	Pn	02 48 05.3	+1.2
BCI	Bajram Curri	3.67	355	P	02 48 06.5	+2.4
BCI	baz=354			S		
BCI				S	02 48 51.4	+4.2
BUM	Brajici-Budva	3.80	341	iPn	02 48 06.1	+0.2
BUM				iSn	02 48 49.0	-1.5
PDG	Podgorica	3.84	346	ePn	02 48 07.2	+0.8
PDG				eSn	02 48 01.2	+3.0
PDG	Podgorica	3.84	346	iPn	02 48 07.8	+1.4
PDG				Pn	02 48 07.4	+1.0
PDG	Podgorica	3.84	346	iPn	02 48 07.1	+0.7
PDG				Pn	02 48 07.4	+1.0
TTG	Podgorica	3.84	346	iPn	02 48 08.6	+0.4
TTG				iSn	02 48 09.2	+1.3
PVY	Plav	3.91	354	iPn	02 48 09.5	+2.1
PVY				eSn	02 48 51.5	-1.7
CEME	Cevo	4.02	343	iPn	02 48 09.3	+0.3
CEME				iSn	02 48 54.4	-1.6
HCY	Herceg Novi	4.04	338	iPn	02 48 09.1	-0.1
HCY	Herceg Novi	4.04	338	iPn	02 48 09.1	-0.1
HCY				S	02 48 54.8	-1.6
BOSS	Bosilegrad	4.06	21	ePn	02 48 11.1	+1.6
IVA	Berane	4.19	354	iPn	02 48 11.5	+0.2
IVA				iSn	02 48 58.3	-1.7
KOME	Kolasin	4.21	350	iPn	02 48 12.3	+0.7
KOME				S	02 48 58.9	+1.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VYHS, DPC, VRAC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GZR, RETA, AKASG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T35B, TUL1, WMOK, etc.

ANF 19 03:33:44.6, 0.43, 0.07N, 126.22W, h5km, ML3.5/6, Error ellipse: s-maj=8.5km s-min=5.4km az=70.0, Off coast of Oregon

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like J01E, J01E, K02D, etc.

ANF 19 03:34:05.7, 0.3, 36.28N, 97.71W, h5km, ML3.6/11, Error ellipse: s-maj=2.8km s-min=2.3km az=162.0

TUL 19 03:34:05.0, 0.9, 36.28N, 01.97, 71W, 0.02, h6km, 7km, ML3.0, mb_Lg3.0/62(NEIC), Error ellipse: s-maj=3.1km s-min=1.7km az=61.0

NEIC 19 03:34:05.0, 0.7, 36.28N, 01.97, 71W, 0.01, h4km, 7km, Error ellipse: s-maj=1.8km s-min=1.2km az=150.0

IDC 19 03:34:05.6, 2.8, 36.19N, 97.62W, h0km, mb3.3/1, mb1.3/4.2, mb1mx3.0/58, mbtmp3.0/2, ML3.4/1, MS2.9/1, Ms1.2/9.1, ms1mx2.3/18, Error ellipse: s-maj=37.5km s-min=18.5km az=91.0

ISC 19 03:34:05.5, 1.2, 36.28N, 01.02, 97.71W, 0.02, h3km, 11km, n87, 0.56/78, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CROK, CROK, OK029, etc.

NEIC 19 03:39:22.8, 1.6, 37.07N, 0.04, 141.2E, 0.1, h48km, 8km, mb4.3/4, Error ellipse: s-maj=12.6km s-min=1.5km az=112.0
IDC 19 03:39:23.4, 0.7, 37.09N, 141.06E, h53km, 6km, mb3.7/17, Mb1.3/8.2, mb1mx3.7/52, mbtmp4.0/22, MS2.7/5, Ms1.2/7.5, ms1mx2.6/55, Error ellipse: s-maj=15.7km s-min=11.3km az=99.0
NIED 19 03:39:23.6, 37.11N, 141.11E, h53km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 N, Ms: 5.62, Mw: 1.08, Mb: 4.54, Mw: 4.09, Mw: 1.85, Mw: 6.36, Fault plane solution: M69.33000x1014 N P1.31.00000, 872.00000, 1.94.00000. NP2.9: 197.00000, 318.00000, 112.0
JMA 19 03:39:23.5, 0.1, 37.11N, 141.11E, h53km, 1km, M4.0, Broadband fault plane solution: P waves: NP1: 2.210.00000, 813.00000, 1.94.00000. NP2.9: 26.00000, 877.00000, 1.89.00000. Principal axes: T P1.658.00000, Azm295.00000, N P1.610.00000, Azm26.00000, P P1.322.00000, Azm117.00000.
JMA Felt III J1
ISC 19 03:39:22.8, 0.6, 37.08N, 0.04, 141.17E, 0.06, h53km, 5km, n69, 0.90/78, mb4.2/19, 10D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, h, m, s, ISC, Res. Includes stations like Kawauchi, Fukushimafuru, Hitachi, Otama, Marumori, Yasato, Yanaizu, Okura, Ouri, Shirataki, Ashikaga, Matsushiro Arr, etc.

Kermadec Islands
NEIC 19 03:47.31.8, 1.2, 32.53S, 0.05:176.7W, 0.2, h40km, 7km,
mb5.1/27, Error ellipse: s-maj=20.1km s-min=7.2km
az=100.0
GCMT 19 03:47.41.8, 0.4, 32.39S, 0.03:177.58W, 0.04, h28km, 1km,
MWS:0.65, Moment Tensor Solution. s34,c36; s65,c82;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr:2.71±.23;
Mw:0.24±.14; Mw:0.24±.15; Mw:0.40±.24; Mw:0.59±.11;
Mw:2.79±.23; Best double couple: M:3.87800x10^16
NP1:198.00000, 622.00000, -1.97.00000; NP2:
0.10.00000, 868.00000, 1.87.00000; Principal axes: T
0.3310, P167.00000, Az:167.00000; N: -1.00000,
Plg3.00000, Azm11.00000; P: -3.8250, Plg23.00000,
Azm102.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-tensor function
IDC 19 03:47.41.4, 2.2, 32.18S; 178.23W, h34km, 15km, mb4.5/15,
mb1.4/6/19, mb1mx4.6/26, mbtmp4.7/19, ML5.2/3, MS4.5/19,
Ms1 4.5/19, ms1mx4.3/33 Error ellipse: s-maj=14.6km
s-min=14.0km az=137.0

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, h, m, s, ISC, Res. Includes stations like Green Lake, Raoul Island, Matakaoa Point, Waiaomatani S, Pakihiora, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, h, m, s, ISC, Res. Includes stations like Rockhampton Ha, Roma, Paea, Papeete, Honiara, etc.

IDC 19 03:44:02.0, 1.8, 0.88N; 127.08E, h0km, mb3.6/4,
mb1 3.9/4, mb1mx3.3/44, mbtmp3.7/4, Error ellipse:
s-maj=161.6km s-min=22.5km az=67.0, Halmahera

IDC 19 03:47:29.6, 32.64S, 176.56W, h20km, mb5.3/48, South of

Table with columns for station name, frequency, power, and other technical details. Includes stations like BATI Baumata, MMRI Maumere, EDFI Ende, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FINES FINES Array B, NSS Namso, BCA Borcka, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NIL Nilore, HYB Hyderabad, HYB Hyderabad, etc.

19d 4h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like SLVN, USP, GYA, MK31, etc.

2015 NOV

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like BJJ, NJ2, AB31, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like TLCR, MILM, AKASG, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ARAD ARCESS Array S, ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NOA NORSAR Array B, NOA NORSAR Array B, GUNZ Gunzen, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ORIF Oris-en-Rattie, NOR Nord, NOR Nord, etc.

19d 4h

Table with columns: PRP, Porcupine Dome, 79.03, 19, P, P, 04 27 57.5 +1.7, etc. Includes stations like Eielson Array, Stephens Creek, etc.

MDD 19 04:18:17.0±0.2, 37.84N±1.54W, h0km, mblG1.5/9, Error ellipse: s-maj=3.5km s-min=1.7km az=9.0, PRXIMO, Spain

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists various stations like TLOORca, EMURLa, etc.

2015 NOV

LDG 19 04:19:43.0±0.1, 43°15'N, 1°11'W, h3km, Mdl 1.52, Ml1 5/2, Error ellipse: s-maj=2.6km s-min=1.7km az=167.0, MDD 19 04:19:43.2±0.3, 43°14'N, 1°09'W, h0km, mblG1.3/8, 2C, Error ellipse: s-maj=3.6km s-min=2.2km az=6.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations like Ste Jean, Arette, Oroz-Betelu, etc.

MDD 19 04:50:57.3±0.5, 42°18'N, 3°24'E, h8km, 3km, mblG2.6/21, Error ellipse: s-maj=4.4km s-min=2.8km az=122.0, PRXIMO

MDD EMS: II-II INTENSIDAD MAXIMA. MRB 19 04:50:57.6±0.3, 42°18'N, 3°19'E, ML2.6/26, Error ellipse: s-maj=2.4km s-min=0.9km az=279.0

LDG 19 04:50:57.2±0.1, 42°18'N, 3°22'E, h2km, Ml2.9/36, Error ellipse: s-maj=1.4km s-min=0.9km az=144.0, STR 19 04:50:58.8±0.6, 42°18'N, 3°19'E, h17km, 3km, MlV2.8/18, preliminary

ISC 19 04:50:56.1±1.0, 42°22'N, 0°02'32"E, h15km±2km, n164, r1991/269, 3C-AD, Pyrenees

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations like Palau Saverder, La Jonquera, etc.

Table with columns: CEST, Estერი de Car, 1.54 285, P, Pn, 04 51 24.3 +1.2, etc. Lists stations like Estერი de Car, Sort, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EORO, SBF, TURF, EIBI, PYM, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AUSP, G003, G003, etc.

19d 5h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like H1S2 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, ZALV Zalesovo Beam.

IDC 19 05:16:23.1±0.8, 58.54S±148.88E, h0km, mb4.5/8, mb1 4.6/9, mb1mx4.3/18, mbtmp4.4/9, ML3.6/1, MS4.2/16, MS1 4.2/16, ms1mx4.1/21, Error ellipse: s-maj=43.9km s-min=15.9km az=82.0

NEIC 19 05:16:24.4±1.2, 58.67S±0.09, 148.8E±0.2, h10km, 1km, mb4.9/32, Error ellipse: s-maj=18.8km s-min=15.5km az=97.0

GCMT 19 05:16:26.4±0.2, 58.54S±0.01, 148.73E±0.03, h12km, MW5.0/99, Moment Tensor Solution, s38.c44; s99.c153; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=0.06±.12; Mw=1.91±.09; Mww=1.85±.12; Mw0-0.69±.28; Mw0-3.76±.08; Mw0-0.55±.32; Best double couple: M4.2950000±10^16 Nm; NP1=0.346, 0.00000°, 879.00000°, -λ=5.00000°. NP2: 0.77, 0.00000°, 885.00000°, -λ=169.00000°. Principal axes: T 4.2550, Plg4.0000°, Azm211.0000°; N 0.0820, Plg78.0000°, Azm101.0000°; P -4.3360, Plg111.0000°, Azm302.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 19 05:16:24.7±0.4, 58.63S±0.06, 149.01E±0.08, h10km, n124, ±1942.113, mb4.8/33, MS4.3/18, 3C, West of Macquarie Island

Main table for 19d 5h section, listing station codes (MCQ, TAU, MOO, etc.), station names (Macquarie Isla, Tasmania Unive, etc.), and various parameters like Az, El, Phase ID, Time, Res.

2015 NOV

Main table for 2015 NOV section, listing station codes (MAW, MEEK, CTAO, etc.), station names (Meekatharra, Charters Tower, etc.), and various parameters like Az, El, Phase ID, Time, Res.

SOME 19 05:20:00.3, 39°15'N, 75°90'E, h0km
KRNET 19 05:20:03.1±0.1, 39°15'N, 75°71'E, h7km, mb4.3
BUI 19 05:20:04.0±0.0, 39°15'N, 75°70'E, h9km, ML4.3/7
NNC 19 05:20:04.7±1.6, 39°29'N, 75°75'E, h0km, mb4.5, mpv4.1, Error ellipse: s-maj=12.8km s-min=8.1km az=158.0
NEIC 19 05:20:06.5±1.8, 39°40'N, 06°75'E, h10km, 1km, mb4.7/12, Error ellipse: s-maj=11.3km s-min=6.4km az=162.0
IDC 19 05:20:10.3±6.0, 39°71'N, 74°55'E, h0km, mb3.8/3, mb1 3.8/4, mb1mx3.5/35, mbtmp3.8/4, ML2.7/1, MS3.0/2, MS1 3.0/2, ms1mx2.6/35, Error ellipse: s-maj=133.2km s-min=45.3km az=121.0

1182

Main table for 1182 section, listing station codes (KSH, SFK, OHH, etc.), station names (Kashi, Sufi-Kurgan, Osh, etc.), and various parameters like Az, El, Phase ID, Time, Res.

19d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GKN Gorkha, AB31 Akbulak array, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJA 19 06:57:35.0,31'68S,72'08W, h10km, ML4.0, GUC 19 06:57:37.0,6.31'66S,71'64W, h38km,2km, ML3.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VA06 Catapilco, CO06 Fray Jorge, ROCH El Roble, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VCA Vinchina, ACHE Chepes, APILL PUNTA DE LOS L, etc.

IDC 19 06:59:01.1,2,8,53'59N,86'06E, h0km, mb1 2.7/2, mb1mx2.7/49, mbmtmp3.7/2, ML2.2/2, Error ellipse: s-maj=23.2km s-min=13.6km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 19 07:05:49.6,1.2,11'31N,139'53E, h0km, mb3.7/7, mb1 3.9/7, mb1mx3.7/39, mbmtmp3.7/7, MS2.9/6, Ms1 2.9/6, ms1mx2.5/47, Error ellipse: s-maj=52.7km s-min=20.9km az=88.0

ISC 19 07:05:53.0,1.2,11'33N,01'139'55E, h0km, m11, c0957/7, mb3.7/7, MS2.8/5, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAY Jayapura, MJAR Matsushiro Arr, KRSR Korea Array, etc.

NOU 19 07:10:31.6, 17'99S, 167'08E, h0km, MLV4.6/7, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DVP Devils Point, RTV Rentapao, SANVU Saraoutou, etc.

IDC 19 07:25:53.9,2.0,0'54N,127'14E, h0km, MS3.5/3, mb1 3.7/3, mb1mx3.0/33, mbmtmp3.6/3, MS3.1/1, Ms1 3.1/1, ms1mx2.2/31, Error ellipse: s-maj=162.4km s-min=25.3km az=66.0, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAY Jayapura, WARR Warrungarra Arr, ASAR Alice Springs, etc.

WEL 19 07:34:30.5,0.8,32'S,167'19'E, h255km,22km, M4.0/11, mb4.3/6, ML4.4/8, MLV4.4/11, Mw(mB)3.5/6, Error ellipse: s-maj=0.1km s-min=0.0km az=111.5, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, MXZ Matakaoa Point, WNGZ Waiomatatini S, etc.

SJA 19 07:40:23.5,3.2,22'61S,0'06:66'7W,0.1, h240km,7km, Error ellipse: s-maj=0.0km s-min=0.0km az=182.0

NEIC 19 07:40:25.7,1.9,22'61S,0'06:66'7W,0.1, h202km,7km, mb4.9/17, Md4.6(SJA), Md4.5(GUC), Error ellipse: s-maj=13.6km s-min=9.2km az=97.0

IDC 19 07:40:25.3,0.9,22'58S,66'55W, h198km,11km, mb4.2/8, mb1 4.2/14, mb1mx4.0/42, mbmtmp4.7/14, MS2.3/1, Ms1=10.5km s-min=10.5km s-maj=16.8km

GUC 19 07:40:27.1,0.6,22'58S,67'16W, h247km,6km, ML4.6 VAO 19 07:40:27.1,0.3,22'49S,66'59W, h225km,mb4.5

1184

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YJA Yavi, HVC Humahuaca, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CNLS Canela, FRTB Fartura, CZSB Cruzeiro do Su, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CD2 Chengdu, NOU 19 07:41:50.8, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KKSU1 baz=212, LOOK Love County, etc.

19d 7h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WLAR White Oak Lake, L34A Svendsen Farm, L34A Svendsen Farm, L41A Richland Creek, etc.

2015 NOV

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like L42A Oliver, Polo, TX31 Lajitas Ar. Si, TX32 Lajitas Array, TXAR Lajitas Array, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like P52A Corning, R53A Hurricane, R53A Hurricane, R53A Hurricane, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HEF, DUNU, SVAU, LANU, ARAO, etc.

ROM 19 10:17:31.61, 0.7, 42.38N, 0.04, 15.26E, 0.03, h3km, ML2.7/6, Error ellipse: s-maj=5.5km s-min=1.5km az=26.0

ISC 19 10:17:31.51, 5.4238N, 0.03, 15.24E, 0.03, h4km, 13km, n35, 0.070/40, 1C, Adriatic Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TREM, FRES, MELA, SGRT, etc.

ATH 19 10:19:00.7, 38.74N, 20.62E, h6km, 3km, ML2.6/3, Error ellipse: s-maj=4.2km s-min=0.9km az=80.0

THE 19 10:19:00.6, 38.73N, 20.61E, h6km, 1km, ML2.6/6, Error ellipse: s-maj=1.2km s-min=0.3km az=73.0

ISC 19 10:19:01.0, 1.5, 38.73N, 0.03, 20.61E, 0.04, h4km, 11km, n20, 0.048/35, 1D, Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DRAG, LK2D, NYDR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KEF4, DMLN, VLS, etc.

TUL 19 10:19:23.3, 1.0, 36.12N, 0.01, 97.52W, 0.02, h6km, 7km, ML2.6, mb, Lg2.1/13(NEIC), Error ellipse: s-maj=2.2km s-min=1.1km az=133.0

NEIC 19 10:19:23.3, 0.6, 36.13N, 0.01, 97.54W, 0.02, h3km, 7km, Error ellipse: s-maj=2.2km s-min=1.1km az=133.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OK029, BCOK, CROK, etc.

SOME 19 10:21:33.3, 42.47N, 80.95E, h0km, Kyrgyzstan-Xinjiang border region

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

TUL 19 10:23:55.6, 1.3, 36.39N, 0.02, 98.72W, 0.05, h6km, 7km, ML2.8, mb, Lg2.6/39(NEIC), Error ellipse: s-maj=5.5km s-min=2.3km az=100.0

NEIC 19 10:23:55.6, 1.3, 36.43N, 0.04, 98.65W, 0.05, h1km, 6km, Error ellipse: s-maj=6.0km s-min=4.6km az=132.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like U32A, OK032, etc.

X34A Smith Ranch, M, 1.94 160 Iamb_Lg Pn 10 24 30.0 +0.9

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like R32A, TUL1, etc.

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

NEIC 19 10:27:45.4, 1.3, 59.31N, 0.03, 136.55W, 0.04, h8km, 6km, Error ellipse: s-maj=5.2km s-min=2.5km az=205.0

PGC 19 10:27:45.2, 0.0, 59.33N, 136.67W, h1km, ML2.9/4, 85km west of Haines, Ak Southeastern Alaska

AEIC 19 10:27:45.1, 3, 59.33N, 0.04, 136.52W, 0.04, h12km, 4km, Error ellipse: s-maj=5.4km s-min=2.9km az=198.0

ISC 19 10:27:44.7, 0.6, 59.29N, 0.03, 136.59W, 0.02, h10km, n74, 166/94, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKAG, BESE, YUK7, etc.

MOS 19 10:29:19.6, 1.3, 44.60N, 147.83E, h112km, mb4.1/9, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kuril'sk, Tuman, Misakicho, Nemuro, etc.

Table with columns: YAK, Yakutsk, 20.65 335eP, P, 10 33 47.0 -3.7. Includes stations like WAKE ISLAND, WAKE ISLAND, etc.

Table with columns: TXAR, Lajitas Array, 85.41 57 P, P, 10 58 50.2 0.0. Includes stations like Lefkada island, Fiskardo, etc.

19d 11h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PET, DALK, UGLR, etc.

2015 NOV

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

1196

Table with columns for station name, frequency, mode, and signal strength. Includes stations like H24K, CCB, WAT6, etc.

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like GTA, ZALV, EUNU, etc.

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like WVOR, DBG, ARAO, etc.

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like FURC, DANN, KONS, etc.

19d 12h

Table with columns: Call sign, Name, Frequency, Mode, Power, Location, Time, Res. Includes stations like K22A Casper, L42A Oliver, JFW5 Jewell, etc.

MAN 19 12:06:04.0, 17°87'N; 120°62'E, h3km, mb4.5, ML3.4, MS3.2
DC 19 12:06:18.1-6.3, 17°85'N; 121°37'E, h152km, 65km, mb3.2/9,
mb1 3.4/9, mb1mx3.1/72, mb1mp3.7/9, Error ellipse:
s-maj=27.6km s-min=13.0km az=66.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SIPP Brgy, Tapao, SIPP Conner, SIPP APYP, etc.

THE 19 12:06:21.4, 38°27'N; 20°61'E, h6km, 2km, ML1.7/1, Error
ellipse: s-maj=2.2km s-min=0.6km az=248.0, Greece

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DRAG Dragano-Lefkad, DRAG Nydri-Lefkada, etc.

ZUR 19 12:17:07.6, 46°07'N; 7°97'E, h8km, 1km, MLH0.7/6, GC-2D,
Error ellipse: s-maj=2.5km s-min=1.1km az=158.0,
Switzerland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MMK Mattmark, SGRA Graechen Ausbl, etc.

ZUR 19 12:17:33.6, 46°34'N; 7°51'E, h3km, MLH1.4/8, Error ellipse:
s-maj=1.4km s-min=0.3km az=109.0
STR 19 12:17:34.0+/-0.3, 46°N; 3.3, h13km, 5km, MLV1.3/7,
10C-6D, preliminary, Switzerland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SIEB Ecole de Borzu, SIEB Leukerbad, etc.

2015 NOV

Table with columns: Call sign, Name, Frequency, Mode, Power, Location, Time, Res. Includes CHMF Corcelles, etc.

DC 19 12:18:58.5, 2.1, 0°52'N; 126°85'E, h0km, mb3.8/3,
mb1 4.1/3, mb1mx3.6/38, mb1mp3.9/3, Error ellipse:
s-maj=191.1km s-min=28.0km az=66.0
DJA 19 12:18:58.6, 0.4, 1°N; 3°12'7E+, h10km, M3.6/5, MLV3.6/5
ISC 19 12:18:59.2, 1.5, 0.933N; 0.08-127°5E; 0.1, h10km, n7,
c1809/10, mb3.9, Halmahera

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes TINTI Ternate, TINTI Labuha, etc.

FUN 19 12:23:07.4, 8°28'N; 71°12'W, h5km, MW3.2
ISC 19 12:23:06.3+/-0.8, 30N; 0.04-71°12'W; 0.03, h12km, 8km,
n19, c1929/34, Venezuela

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes SOCV Socops, CAPV Capacho, PAMC Pamplona, etc.

EAF 19 12:27:23.5, 0.9, 25°26'S; 29°16'E, h10km, MD3.7
BUL 19 12:27:23.6, 0.9, 25°26'S; 29°15'E, h10km, MD4.0, South
Africa

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes MOPA Mopani, MSNA Messina, BOSA Boshof, etc.

NOU 19 12:28:56.5, 17°46'S; 167°58'E, h4km, MLV4.4/12, Vanuatu
Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes RVP Devils Point, RVP Rentapao, etc.

DC 19 12:29:51.5, 3.4, 9°84'S; 109°51'E, h0km, mb3.5/3,
mb1 3.7/3, mb1mx3.2/36, mb1mp3.5/3, Error ellipse:
s-maj=161.9km s-min=30.2km az=47.0, South of Jawa

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes WRA Warramunga Arr, ASAR Alake Springs, etc.

WEL 19 12:36:15.6, 0.4, 40°52'N; 17°55'E+, h22km, 4km, M3.7/16,
ML3.9/16, MLV3.7/16, Error ellipse: s-maj=0.0km
s-min=0.0km az=78.7, Cook Strait

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes OHWZ Ohakea, WAZ Wanganui, etc.

1200

Table with columns: Call sign, Name, Frequency, Mode, Power, Location, Time, Res. Includes TIWZ Dannevirke, PREZ Palmer Road, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes KRWZ Karewarewa, CPWZ Castepoint, etc.

RRRZ Republican Road, HNZ Highlands Stat, MUZ Murupara, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes NGRZ Ngongotaha, NZRZ Mount Tarawera, etc.

ATH 19 12:52:15.6, 38°75'N; 20°58'E, h10km, 1km, ML3.5/25, Error
ellipse: s-maj=1.3km s-min=0.8km az=108.0
THE 19 12:52:15.5, 38°77'N; 20°58'E, h9km, 1km, ML3.5/5, Error
ellipse: s-maj=1.5km s-min=0.4km az=95.0
ISC 19 12:52:15.0, 0.8, 38.777N; 0.02-20.57E; 0.03, h13km, 4km,
n65, c0f63/87, Greece

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes LKD2 Lefkadia island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FSK, KEF4, DMLN, VLS, etc.

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

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

Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details. Includes stations like GERES, CKRC, KHC, etc.

Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details. Includes stations like SADO, TKL, P52A, etc.

Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details. Includes stations like NYDR, LK2D, LK2D, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like NB2, NORSAR Subarra, NOA, HFS, BLEU, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like EKA, UBBB, LBWR, INVG, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like DZM, ONTNC, NOUC, KOUNC, NEIC, etc.

19d 14h

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like U40A Yellville, ABTX Abilene, WHTX Lake Whitney, etc.

2015 NOV

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like HALT Halls, SCIA State Center, S44A Carbondale, etc.

1206

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like VA05 Santo Domingo, MT05 Renca, AUPSP Las Campanas, etc.

19d 15h

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like KBZ Khabaz, KISLOVOVSK, FINES FINESS Array B, etc.

BEO 19 14:52:13.9,2.9,38.56N,20.34E,h74km,ML3.5/8
IDC 19 14:52:15.6,1.6,39.41N,20.70E,h0km,mb3.7/4,
mb1 3.7/4,mb1mx3.4/28,mbtm3.7/4,Error ellipse:
s-maj=67.6km s-min=4.8km az=128.0

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like IGT Igoimenitsa, JAN Janina, etc.

2015 NOV

Main table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like KPRO Kipro, PVO Paravola, EVR Evrytania, etc.

IDC 19 14:58:02.1,0.8,0.94N,127.48E,h0km,mb4.0/10,
mb1 4.1/13,mb1mx3.9/30,mbtm3.6/3,ML3.6/2,MS3.5/9,
Mb1 3.5/9,mb1mx3.1/52,Error ellipse: s-maj=27.7km
s-min=13.7km az=71.0

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like TNTI Ternate, LBMI Labuha, etc.

1208

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like SBUM, KNRA Kununurra, KSM Kuching, etc.

IDC 19 14:58:51.9,1.8,30.161S,71.97W,h0km,mb3.7/1,
mb1 3.6/3,mb1mx3.5/22,mbtm3.6/3,ML3.6/2,MS3.2/4,
Mb1 3.2/4,mb1mx2.9/25,Error ellipse: s-maj=90.2km
s-min=37.7km az=108.0

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Code Station Name, Fray Jorge, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, PPI Padang Panjang, CTAO Charters Towers, etc.

IDC 19 16:30:52.1-0.7, 40.12S:45.50E, h0km, mb4.2/12, mb1.4/12, mb1mx4.1/33, mbtmp4.3/12, MS3.8/18, Ms1.3/8.18, ms1mx3.6/38, Error ellipse: s-maj=28.8km s-min=14.8km az=37.0

NEIC 19 16:30:54.2-2.1, 40.16S:0.09:45.5E:0.1, h15km,4km, mb4.6/24, Error ellipse: s-maj=17.1km s-min=7.9km az=45.0

ISC 19 16:30:52.9-0.5, 40.12S:0.10:45.49E:0.09, h10km, n50, r1500/33, mb4.6/17, MS3.8/18, Southwest Indian Ridge

Main table for station 1211, listing various stations like BOSA Boshof, BOSA Boshof, BOSA Boshof, etc., with their respective coordinates and data.

IDC 19 16:58:00.3-4.1, 52.05N:178.36E, h110km,37km, mb3.7/17, mb1.3/9.19, mb1mx3.7/50, mbtmp4.1/19, Error ellipse: s-maj=20.7km s-min=11.7km az=166.0

NEIC 19 16:58:01.7-1.6, 52.1N:0.1:178.31E:0.10, h122km,4km, mb4.3/90, ML3.5/23(AEIC), Error ellipse: s-maj=18.1km s-min=8.5km az=181.0

AEIC 19 16:58:01.2-0.5, 51.9N:0.1:178.20E:0.10, h129km,4km, Error ellipse: s-maj=19.8km s-min=8.6km az=182.0

ISC 19 16:58:01.4-0.6, 52.06N:0.09:178.27E:0.04, h122km,5km, n151, r1940/155, mb4.6/25, Rat Islands

Main table for station 2015 NOV, listing various stations like LSNW Little Sitkin, LSSA Little Sitkin, LSSA Little Sitkin, etc., with their respective coordinates and data.

Main table for station 19d 17h, listing various stations like TGL, L26K Log Cabin Wild, L26K Log Cabin Wild, etc., with their respective coordinates and data.

TUL 19 17:13:45.1-1.3, 36.66N:0.02:98.47W:0.03, h8km,4km, s-min=2.3km az=83.0

NEIC 19 17:13:45.0-1.1, 36.65N:0.02:98.47W:0.03, h5km,2km, Error ellipse: s-maj=4.7km s-min=3.0km az=252.0

Table for station 19d 17h, listing various stations like OK032 Salt Plains WL, OK032 Salt Plains WL, OK032 Salt Plains WL, etc., with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like KAN06 Argonia West S, KAN09 Caldwell North, etc.

IDC 19 17:36:30.0-1.7, 7.59S, 156.03E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.4/36, mbtmp3.6/4, ML3.9/1, Error ellipse: s-maj=43.5km s-min=28.8km az=11.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like HNR Honiara, HNR Honiara, WRA Warramunga Arr, etc.

IDC 19 17:39:00.0-2.9, 11.16S, 163.21E, h46km, mb3.6/8, mb1 3.9/10, mb1mx3.6/40, mbtmp3.9/10, ML4.2/2, MS3.4/7, MS1 3.4/7, ms1mx3.0/31, Error ellipse: s-maj=25.5km s-min=17.3km az=71.0, Bougainville-Solomon Islands region

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

IDC 19 17:43:45.7-1.9, 29.92N, 140.49E, h125km, 19km, mb3.0/5, mb1 3.2/7, mb1mx3.0/51, mbtmp3.4/7, Error ellipse: s-maj=32.7km s-min=15.4km az=79.0

IDC 19 17:43:46.0-0.9, 29.93N, 140.5E, 0.2, h139km, n7, s=153/8, mb3.2/5, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like JCJ Chichilma, MJAR Matsushiro Arr, MKAR Makanchi Array, etc.

NEIC 19 17:44:52.8-2.2, 38.19S, 0.07:68:96W, 0.05, h15km, 7km, mb4.2/2, Md4.0(SJA), Error ellipse: s-maj=9.8km s-min=5.0km az=194.0

SJA 19 17:44:57.3-1.3, 38.80S, 0.05:69:5W, 0.1, h10km, 7km, Error ellipse: s-maj=0.0km s-min=0.0km az=177.0

IDC 19 17:44:54.6-0.9, 38.76S, 0.04:69:30W, 0.07, h10km, n35, s=159/35, ID, Southern Argentina

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like CANA Caviahue, LC01 Cunco, LC02 Cunco, etc.

Table with columns: LLO4, PUMA, LLO3, etc. Includes stations like Malargue, Petrolhue, Panimavida, etc.

BEO 19 17:45:42.8-3.6, 37.21N, 20.22E, h116km, 5km, ML4.0/12, IDC 19 17:45:52.3-1.0, 38.58N, 20.42E, h0km, mb3.8/9, mb1 3.8/18, mb1mx3.6/56, mbtmp3.7/18, ML3.6/8, MS2.9/12, MD1 2.9/12, ms1mx2.7/53, Error ellipse: s-maj=17.1km s-min=15.1km az=150.0

PDG 19 17:45:53.9-0.5, 38.49N, 20.38E, h19km, ML3.7/13, Error ellipse: s-maj=0.7km s-min=0.9km az=0.0

THE 19 17:45:54.8, 38.47N, 20.45E, h20km, ML4.0/12, Error ellipse: s-maj=1.0km s-min=0.3km az=102.0

ATH 19 17:45:55.2, 38.46N, 20.50E, h12km, 1km, ML4.0/12, Error ellipse: s-maj=1.7km s-min=0.7km az=278.0

NEIC 19 17:45:56.7-2.6, 38.52N, 0.04:20.47E, 0.06, h31km, 6km, Error ellipse: s-maj=8.3km s-min=3.3km az=49.0

ISC 19 17:45:54.2-0.7, 38.49N, 0.02:20.42E, 0.03, h16km, 4km, n22.1, s146/261, mb3.9/11, MS3.0/6, 16C-10D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like FSK Fiskardo, FSK Fiskardo, EVGI Lefkada island, etc.

TSK 19 17:46:02.3-0.2, 38.29N, 17.46E, 0.03, 0.2, h17.46E, 0.03, 0.2, 38.29N, 17.46E, 0.03, 0.2

TSK 19 17:46:02.3-0.2, 38.29N, 17.46E, 0.03, 0.2, h17.46E, 0.03, 0.2, 38.29N, 17.46E, 0.03, 0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like TSKL TSKL, PSDA Pessada-Kefalo, PSDA Pessada-Kefalo, etc.

UPR University Cam 1.09 100 P Pn 17 46 18.4 -0.1

DRO Drossia 1.15 117 P Pn 17 46 15.3 -0.3

DRO Drossia 1.15 117 P Pn 17 46 15.4 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like DRO Drossia, EFP Efpalio, EFP Efpalio, etc.

Table with columns: JAN comp=N,3350um,0.4s, AML, AML, 17 46 43.2, LAKA Lakka 1.25 101 P Pn 17 46 16.7 -0.4, etc.

Table with columns: KPRO Kipourto 1.64 26 P Pn 17 46 25.3 -0.4, THL Klokotos Trika 1.65 49 P Pn 17 46 24.7 +0.6, etc.

Table with columns: BUM Podgorica 4.04 348 ePn Sn 17 47 41.1 0.0, PDG Podgorica 4.04 348 ePn Sn 17 46 57.0 +1.6, etc.

Table with columns: KOME Kolasin 4.41 351 ePn Sn 17 47 02.3 +1.7, KOME Kolasin 4.41 351 ePn Sn 17 47 02.3 +1.7, etc.

Table with columns: STON Ston 4.84 336 ePn Pn 17 47 06.8 +0.4, STON Ston 4.84 336 ePn Pn 17 47 06.3 0.0, etc.

Table with columns: VAE comp=N,0.7nm,0.3s,baz=209,slow=12,SNR=1.8, RAFF Raff Rosso 4.96 257 Pn 17 47 08.7 +0.7, etc.

Table with columns: BOVS Bovas 5.24 10 Pn 17 47 13.0 +1.2, GRUS Gruza 5.40 2 ePn Pn 17 47 16.2 +2.1, etc.

Table with columns: MORH Mrgy, Hungary 7.83 351 ePn Pn 17 47 46.7 -0.7, MORH Mrgy, Hungary 7.83 351 ePn Pn 17 47 46.8 -0.7, etc.

Table with columns: MORH Mrgy, Hungary 7.83 351 ePn Pn 17 47 46.7 -0.7, MORH Mrgy, Hungary 7.83 351 ePn Pn 17 47 46.8 -0.7, etc.

Table with columns: MORH Mrgy, Hungary 7.83 351 ePn Pn 17 47 46.7 -0.7, MORH Mrgy, Hungary 7.83 351 ePn Pn 17 47 46.8 -0.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BISRR Bisoca, CEY Cernica, PLOA Plostina, etc.

MAN 19 17:47:27.7, 13:00N:120:63E, h202km, mb4.7, ML3.6, MS3.5

ICD 19 17:47:32.8, 15.0, 13:71N:120:65E, h284km, mb3.8/3, mb3.8/8, mb1.3.4/8, mb1mx3.1/50, mbtmp3.9/8, Error ellipse: s-maj=34.5km s-min=11.8km az=66.0

ISC 19 17:47:28.0, 0.8, 13:71N:120:65E, h202km, n11, +3860/11, mb3.6/8, 1C-1D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PGP Puerto Galera, LUBP Lubang, CMAR Chiang Mai Arr, etc.

KRNET 19 17:50:00.3, 0.1, 40:38N:73:22E, h17km, mb2.8

SOME 19 17:50:01.6, 40:57N:73:18E, h0km

NINC 19 17:50:05.7, 3.8, 40:45N:73:46E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=29.5km s-min=16.5km az=169.0

ISC 19 17:50:00.4, 0.8, 40:41N:03:73:20E, 0.03, h10km, n31, +187/54, 21C-8D, Kyrgyzstan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OHH Osh, OHH, SFK Sufurgan, SFK, etc.

ICD 19 17:51:27.9, 1.7, 0.94N:127:44E, h0km, mb3.6/3, mb1.3.8/4, mb1mx3.4/36, mbtmp3.5/4, ML2.6/1, Error ellipse: s-maj=65.2km s-min=27.3km az=59.0

Code Station Name Az Az' Phase ID Time Res. Includes stations like SIJI Sorong, WRA Warramunga Arr, etc.

ASAR Alice Springs 25.25 166 P P 17 56 55.8 -0.1

IKAR Makanchi Array 60.24 326 P P 18 01 38.1 0.0

ICD 19 18:14:18.2, 1.0, 9:07S:158:40E, h0km, mb3.8/6, mb1.4.0/6, mb1mx3.7/42, mbtmp3.8/6, MS3.0/1, Ms1.3.0/1, ms1mx2.5/38, Error ellipse: s-maj=29.4km s-min=19.0km az=174.0

ISC 19 18:14:22.5, 0.9, 9:1S:0:2:158:43E, 0:09, h29km, n8, +6545/8, mb3.7/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, PMR Port Moresby, WRA Warramunga Arr, etc.

STKA Stephens Creek 27.52 212 P P 18 20 07.1 +0.4

ASAR Alice Springs 27.55 235 P P 18 20 06.7 -0.6

SONM Songio Array 72.97 326 P P 18 25 49.8 +0.3

ILAR Eielson Array 84.12 21 P P 18 26 50.1 -0.4

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

MKAR Makanchi Array 87.25 318 P P 18 27 06.7 +0.3

0.5nm, 0.9s, baz=109, slow=5.2, SNR=1.8

BUI 19 18:15:31.3, 0.0, 24:41S:175:54W, h10km, mb5.6/20, mb5.2/38, Ms4.8/5, Ms7.4/6.4

ICD 19 18:15:31.6, 0.4, 24:56S:176:01W, h0km, mb4.8/22, mb1.4.9/23, mb1mx4.8/42, mbtmp4.7/23, ML3.9/1, MS4.2/18, Ms1.4.2/18, ms1mx4.0/33, Error ellipse: s-maj=17.1km s-min=14.3km az=121.0

NEIC 19 18:15:34.2, 1.5, 24:57S:0:09:175:9W, 0.1, h10km, 1km, mb5.1/124, Error ellipse: s-maj=22.8km s-min=12.9km az=109.0

GCMT 19 18:15:36.2, 0.3, 24:66S:0:03:175:42W, 0:02, h22km, MV5.0/92, Moment Tensor Solution, s46,c53; s92,c119; Duration: 0 Moment tensor: Scale 10^16Nm; Mr3.44±.16; Mw-0.70±.12; Mw-2.73±.11; Mw0.62±.22; Mw0-0.79±.07; Mw1.26±.16; Best double couple: Mo3.51200x10^16

NF1: s=197.00000; s33:0.00000; A:86.00000; NP2: s=22.00000; s57:0.00000; A:93.00000; Principal axes: T 3.7350, P178.0000, Azm300.0000; N -0.4400; P1g2.0000; Azm200.0000; P -3.2900, P1g12.0000; Azm110.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 19 18:15:33.3, 0.3, 24:69S:0:06:175:93W, 0:08, h10km, n328, +1917/335, mb5.1/89, MS4.2/19, 7C-5D, South of Tonga Islands

Code Station Name Az Az' Phase ID Time Res. Includes stations like RAO Raoul Island, RAO Raoul Island, NIUE Niue, etc.

MSVF comp=Z, 4.1nm, 0.3s, baz=117, slow=36 LR 18 20 51.3

MSVF Niue 8.91 320 Pn 18 17 45.3 +3.1

MSVF AFI Afiamalu 1.81 21 Pn 18 18 09.8 -6.7

AFI 4.9nm, 0.3s, baz=296, slow=4.4, SNR=8.5 Sn 18 20 05.2 -19

URZ Urewera 14.77 202 Pn 18 19 03.3 +1.1

URZ Urewera 14.77 202 Pn 18 19 01.1 -8.1

RAR Rarotonga 15.28 80 Pn 18 21 33.6 -25

RAR 2.3nm, 0.3s, baz=64, slow=22, SNR=1.2 LR 18 24 32.6

RAR Rarotonga 15.28 80 Pn 18 19 00.5 -8.7

RAR comp=Z, 1.12nm, 0.8s IAmB 18 19 05.9

ONTC Ouen Toro 16.33 275 P P 18 19 25.9 +0.2

DZM Mont Dzumac 16.39 276 Pn 18 19 28.3 +1.8

DZM comp=Z, 0.2nm, 0.3s, baz=114, slow=15, SNR=6.7 LR 18 24 34.7

DZM comp=Z, 880nm, 20.8s, baz=96, slow=33 LR 18 21 30.1 +4.5

DZM Mont Dzumac 16.39 276 ePn 18 22 37.9

DZM comp=Z, 1.83nm, 1.4s eLQ 18 23 24.7

DZM comp=Z, 1.1um, 23.6s eLR 18 23 24.7

DZM Mont Dzumac 16.39 276 Pn 18 19 19.1 -4.6

SAHVU Sarauoutu 18.20 297 P IAmB 18 19 46.9 -0.5

SAHVU comp=Z, 2.17nm, 1.4s IAmB 18 20 06.6

BHW Baring Head 18.35 202 P P 18 19 45.7 -2.2

TUWZ Tuamarina 18.70 204 P P 18 19 46.3 -5.6

THZ Topouha 19.39 206 P P 18 19 55.6 -3.9

TBI Tubuai 24.21 92 eS LR 18 24 55.7 -13

TBI comp=Z, 1.56nm, 23.8s eLQ 18 25 33.3

TBI comp=Z, 732nm, 26.0s eLR 18 26 32.0

TBI comp=Z, 659nm, 30.8s LR 18 26 23.8

PAE Paea 25.52 79 eT T 18 46 52.0

PPT2 comp=Z, 2.5nm, 0.3s P 18 25 16.9 -1.4

PPT2 comp=Z, 1.86nm, 28.5s eLQ 18 26 03.3

PPT2 comp=Z, 1.1um, 23.0s eLR 18 27 09.2

PPT2 comp=Z, 7.11nm, 25.5s, baz=249 eLR 18 29 45.5

PPT2 Papeete 25.56 79 LR 18 29 45.5

EIDS Eidevold 29.86 252 P P 18 21 41.9 +0.9

CTAO Charters Tower 35.19 270 P P 18 22 27.9 +0.1

TOO Toouliangi 35.19 239 P P 18 22 28.3 +0.6

STKA Stephens Creek 37.90 249 P P 18 22 50.6 -0.2

STKA comp=Z, 1.5nm, 0.7s, baz=87, slow=14, SNR=4.9 LR 18 37 39.4

PMG Port Moresby 38.27 287 P P 18 22 51.4 -2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AS31 Alice Springs, ASAR Alice Springs, etc.

19d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ISA, PFO, KRSR, KSRB, etc.

2015 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PSUT, Pine Spring, J08A, etc.

1214

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like comp=Z,20nm,1.2s, YHH, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MLR, BRG, VRC, etc.

1215:19.28:33.2, 5.98S:151.84E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.5/48, mbtmp3.7/5, ML 1.6/1, Error ellipse: s-maj=129.7km s-min=26.5km az=130.0

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

MOS 19:25:08.7, 1.0, 38.28N:142.62E, h28km, mb4.7/16, Error ellipse: s-maj=8.9km s-min=5.4km az=93.4

NEIC 19:25:10.6, 1.7, 38.24N:0.06:142.6E:0.1, h30km, 5km, mb4.5/19, Error ellipse: s-maj=13.4km s-min=8.0km az=117.0

JMA 19:25:11.0, 0.1, 38.31N:142.44E, h38km, 2km, M4.4 JMA Felt 1/1

NIED 19:25:11.1, 38.31N:142.44E, h38km, MW4.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mnc:3.37; Mns:0.26; Mns:3.11; Mno:2.7; Mns:0.45; Mnr:0.57; Fault plane solution: Ms:3.4000x10^15 NP1: 0.168, 0.0000, 0.850, 0.0000, 0.86, 0.0000; NP2: 0.354, 0.0000, 0.840, 0.0000, 0.94, 0.0000

IDC 19:25:12.1, 2.8, 38.26N:142.42E, h38km, 24km, mb4.0/23, mb1 4.2/27, mb1mx3.9/70, mbtmp4.2/27, ML3.8/4, MS3.5/14, Ms1 3.5/14, ms1mx3.2/48, Error ellipse: s-maj=16.3km s-min=13.6km az=89.0

ISC 19:25:09.3, 0.9, 38.27N:0.04:142.62E:0.04, h24km, 5km, n166, s173/174, mb4.5/52, MS3.7/9, C-20D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like JIKH, JIO, JKM, etc.

Main table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like JSG, INU, NMR, etc.

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

19d 20h

Table with columns: PD31, PDAR, PDAR, RDMU, ULM, RAR, NRS, KHC, KHC, IMMAI, URZ, ANMO, ANMO, SWAT, SWAT, KMBO, KMBO, SNA, SNA, VNA2, VNA3, VNA1

IDC 19 18:58:32.10.9.9.18N.138.29E, h0km, mb3.9/10, mb1 4.1/10, mb1mx3.9/43, mbtmp3.9/10, MS3.2/4, Ms1 3.2/4, ms1mx2.7/48, Error ellipse: s-maj=32.2km s-min=17.5km az=91.0

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

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

NNC 19 19:18:10.3:4.8.36.74N:69.83E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=40.3km s-min=32.3km az=156.0

ISC 19 19:18:12.3:4.7.36.6N:03.63E:0.2, h200km, n9, 0:652/10, 2C-4D, Hindu Kush region

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

NEIC 19 19:23:03.6:1.8.18.2N:0.2:68.64W:0.07, h145km, 11km, Error ellipse: s-maj=32.5km s-min=36km az=199.0

RSPL 19 19:23:04.6:18.04N:68.64W, h137km, 2km, MD3.4/15

OSPL 19 19:23:05.1:0.3.18.37N:68.61W, h140km, ML2.8

ISC 19 19:23:02.7:1.3.18.2N:0.1:68.66W:0.04, h150km, n65, 0:889/66, 12C-4D, Mona Passage

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

2015 NOV

Table with columns: CRPR, CRPR, CRPR, LSP, LSP, LSP, AGPR, AGPR, AGPR, MLPR, MLPR, MLPR, GBRP, GBRP, GBRP, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, EMPR, EMPR, EMPR, GPCR, GPCR, GPCR, GPCR, GPCR, LOMA, LOMA, SC01, SC01

SC01 comp=E, 186nm, 0.4s

SC01 comp=N, 166nm, 0.3s

SJG comp=N, 166nm, 0.5s

SJG comp=N, 122nm, 0.4s

IGPR InterUniversit 2.44 94 eP Pn 19 23 44.1 +1.1

IGPR InterUniversit 2.44 94 eS Pn 19 23 45.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 46.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 47.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 48.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 49.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 50.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 51.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 52.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 53.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 54.1 +1.0

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IGPR InterUniversit 2.44 94 eS Pn 19 23 57.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 58.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 59.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 00.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 01.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 02.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 03.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 04.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 05.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 06.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 07.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 08.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 09.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 10.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 11.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 12.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 13.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 14.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 15.1 +1.0

IGPR InterUniversit 2.44 94 eP Pn 19 23 16.1 +1.0

IGPR InterUniversit 2.44 94 eS Pn 19 23 17.1 +1.0

1216

Table with columns: OGNE, WRA, ASAR, MKAR

GUC 19 20:17:43.7:0.7.21.93S:68.64W, h118km, 3km, ML3.7

ISC 19 20:17:42.9:1.1.21.90S:0.04:68.72W:0.09, h128km, 8km, n22, 0:82/39, 14C, Chile-Bolivia border region

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

PB07 IPOC Station P 1.10 279 iP Pn 19 20 18.0 +0.3

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.2 +0.1

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.0

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

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PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

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PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

PB07 IPOC Station P 1.10 279 iS Pn 19 20 18.6 +0.2

1219

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

WEL 19 21:35:58.04, 0.7, 33.5, 8.17, 9W, 2.1, h146km, 24km, M4.3/15, mb4.8/11, ML5.2/14, MLv4.9/15, Mw(Mb)4.0/11, Error ellipse: s-maj=0.0km s-min=0.0km az=111.1

NEIC 19 21:36:00.7, 0.9, 33.1, 15.0: 1x17.7W, 0.2, h105km, 8km, mb4.3/13, Error ellipse: s-maj=21.7km s-min=14.5km az=91.0

ISC 19 21:36:01.2, 22.0, 32.93S: 179.54W, h130km, 182km, mb3.7/4, mb1.3, 8/4, mb1mx3.5/20, mbtmp4.0/4, Error ellipse: s-maj=84.6km s-min=27.1km az=59.0

ISC 19 21:36:59.0, 1.7, 33.04S, 0.06, 17.97W, 0.1, h100km, n61, +1513/73, mb4.0/10, South of Kermadec Islands

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

2015 NOV

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

IDC 19 21:43:01.1, 2.4, 17.16N, 40.41E, h0km, mb3.7/5, mb1.3/7.5, mb1mx3.5/33, mbtmp3.7/5, MS2.8/2, Ms1.2.8/2, ms1mx2.5/47, Error ellipse: s-maj=68.4km s-min=27.9km az=157.0, Red Sea

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

CNRM 19 21:57:02.0, 36.666N: 83W, h30km, ml3.1, MDD 19 21:57:03.5, 1.1, 36.91N: 80W, h35km, 6km, mbLg3.1/28, Error ellipse: s-maj=11.2km s-min=6.3km az=45.0, PRXIMO

INMG 19 21:57:03.7, 1.5, 36.88N: 83W, h30km, 2km, MD2.7, ML2.9, Error ellipse: s-maj=3.9km s-min=2.1km az=68.0

IGIL 19 21:57:04.0, 36.89N: 82W, h29km, ML3.0, LDG 19 21:57:04.0, 36.94N: 82W, h34km

ISC 19 21:57:00.8, 1.2, 36.87N: 0.03, 83.7W, 0.04, h35km, n111, +2521/205, 9C-7D, West of Gibraltar

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

19d 21h

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

19d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EBERR, PCAB, CZD, ELOB, PGAV, SESP, PBRG, MD31, EAH, EZAM, EZAL, ECAL, MDT, CHAS, UCM, TAF, OUK, JBK, ETOB, EMAZ, EMUR, OUZM, TTIG, EPON, ETOR, TZRR, ECHE, EMO, ELAN, ERTA, EIBA, EIRO, EALK, SJPF, ETSF, EPF, MTLF, RJF, CAF, TCF.

SJA 19 22:02:04.0, 30'86S; 71'62W, h10km, ML4.1
GUC 19 22:02:05.8-0.8, 30'84S; 71'41W, h54km, 4km, ML3.5
ISC 19 22:02:06.6-1.5, 30'83S-0.03; 71'5W-0.1, h47km, 13km, n22, +081/31, 1C, NCR305 of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like G004, G005, VA06, LCO, VA03, ROCH, PTEO, PFVI, ROC1, PEL.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MT02, ZON, M09, LMEL, BO04, G003, G003, G005.

JMA 19 22:17:31.7-0.2, 24'91N; 122'61E, h0km, M2.9
IDC 19 22:17:33.5-1.7, 24'67N; 121'50E, h0km, mb3.6/5,
ms1 3.7/3, mb1mx3.4/54, mbtmp3.6/6, ML3.5/1, MS3.2/3,
ms1 3.2/3, ms1mx2.7/41, Error ellipse: s-maj=67.2km,
s-min=27.6km az=67.0

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

TAP 19 22:18:35.0, 23'84N; 121'48E, h9km, ML2.5, 1D, B, Taiwan

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

IDC 19 22:20:54.7-1.1, 42'23N; 29'36W, h0km, mb3.9/14,
mb1 4.0/15, mb1mx3.8/69, mbtmp3.9/15, ML4.1/1, MS3.4/20,
MS1 3.4/20, ms1mx3.2/55, Error ellipse: s-maj=29.7km
s-min=18.1km az=19.0
NEIC 19 22:20:56.8-1.0, 42'22N; 01:29'33W; 0.1, h10km, 1km,
mb4.3/1, Error ellipse: s-maj=19.0km s-min=16.5km
az=172.0

ISC 19 22:20:56.6-0.6, 42'22N; 01:29'27W; 0.08, h10km, n76,
+085/63, mb4.2/27, MS3.4/19, Azores Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROSA, PMOZ, PMAZ, PCAS, COI, PMTG, MTE, PTEO, PFVI.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORF, EVO, PCBR, MESJ, PMRV, PESTR, PCVE, PBVD, PVAQ, PBAR, DSB, DSB, PAB, PAB, ESDC, ESKA, ESKA, MDT, MDT, BGT, BGT, BGD, BGD, LMN, ECH, ECH, SENIN, SENIN, SENIN, SENIN, BATO, BATO, SCHO, SCHO, DAVOX, DAVOX, DAVOX, DAVOX, PKME, ZCCA, CTI, CTI, CTI, CTI, STAL, STAL, ZOU, ZOU, ZOU, ZOU, KBA, GERES, KEST, KEST, NOA, MOQ, NRCA, NRCA, OBKA, AQU, AQU, PSZ, PSZ, TIP, TIP, FINES, FINES, FINES, BUR08, BUR08, BUR08, BUR08, ARCAR, ARCAR, TORD, TORD, AKASG, AKASG, ULM, BRTR, BRTR, KBZ, ZARC, ROSC, INK, INK, AKTO, TX31, TX32, TX32, TXAR, ILAR, ZALV, ZALV, MKAR, MKAR, MKAR, SONM, SONM, SONM, BOSB.

IDC 19 22:24:23.4-1.6, 41'70N; 29'33W, h0km, mb3.4/3,
mb1 3.6/4, mb1mx3.3/65, mbtmp3.4/4, ML3.3/1, Error
ellipse: s-maj=97.8km s-min=27.1km az=15.0, Azores
Islands region

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

IDC 19 22:28:53.3-42.0, 37'50N; 19'25E, h0km, mb3.6/3,
mb1 3.7/3, mb1mx3.3/38, mbtmp3.6/3, MS3.5/1, Ms1 3.5/1,

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

ms1mx2.4/47, Error ellipse: s-maj=796.3km s-min=72.9km az=42.0
 BEO 19 22:29:05.3, 3.3, 38.08N-20.22E, h57km, 3km, ML3.2/8
 THE 19 22:29:07.8, 38.53N-20.52E, h10km, ML3.1/14, Error
 ellipse: s-maj=0.7km s-min=0.4km az=231.0
 ATH 19 22:29:07.8, 38.53N-20.57E, h11km, 1km, ML2.9/20, Error
 ellipse: s-maj=1.6km s-min=0.6km az=280.0
 ISC 19 22:07.2-0.7, 38.53N-0.01-20.52E, 0.02, h14km, 4km,
 n83, r192/118, mb3.9/3, Greece

comp=E, 728µm, 0.7s AML AML 22 30 02.1
 MAKR comp=N, 643µm, 0.5s AML Pn 22 39 31.8 -0.3
 KLV Kalavryta, Ach 1.38 110 P P 22 39 31.8 -0.3
 KLV Kalavryta, Ach 1.38 110 P P 22 30 01.2
 comp=N, 260µm, 0.6s AML AML 22 30 03.2
 KLV comp=E, 301µm, 0.6s AML AML 22 29 34.4 +0.5
 AGG Agios Georgios 1.50 70 P P 22 30 03.5
 AGG comp=E, 592µm, 0.4s AML AML 22 30 06.3
 comp=N, 867µm, 0.7s AML AML 22 29 34.9 +0.3
 GUR Gaura 1.56 112 P Pn 22 29 34.8 +0.3
 GUR Gaura 1.56 112 P Pn 22 30 05.7
 GUR comp=N, 1021µm, 0.4s AML AML 22 30 11.4
 comp=E, 652µm, 0.5s AML AML 22 29 35.9 +1.3
 THL Klokotos Trika 1.56 48 P Pn 22 30 04.9
 THL comp=E, 671µm, 0.5s AML AML 22 29 35.2

0.0nm, 0.3s, baz=209, slow=10, SNR=1.7
 BVAR Borovoye Array 16.19 359 Pn P 22 53 46.5 -0.9
 0.1nm, 0.3s, baz=182, slow=17, SNR=2.6
 AKTO Aktyubinsk 16.34 330 P P 22 53 53.1 +3.8
 0.3nm, 0.3s, baz=137, slow=7, SNR=11
 AKTO Aktyubinsk 16.34 330 P P 22 53 53.0 -1.9
 6.3nm, 0.8s
 ZALV Zalesovo Beam 19.73 25 P 22 54 26.6 -1.9
 1.8nm, 0.3s, baz=223, slow=11, SNR=9.2
 VRAC Vranov 40.57 305 LR 23 16 50.7
 comp=Z, 44nm, 18.5s, baz=325, slow=39
 ARCES ARCES Array B 40.72 338 P 22 57 39.8 +4.7
 3.2nm, 1.0s, baz=106, slow=9.5, SNR=1.9

NEIC 19 22:52:40.7, 29.67S, 72.36W, h8km, Moment Tensor
 Solution. Moment tensor. Scale 10¹⁴Nm; Mr=1.62;
 Mw=4.61; Mw6.23; Mw6.35; Mw=1.18; Mr=4.15; Fault
 plane solution: Ms9.50000x10¹⁴ NP1:φ=311.39000°,
 δ83.83000°, λ=-126.26000°. NP2:φ=213.06000°,
 δ36.71000°, λ=-10.35000°. Principal axes: T 9.1440,
 Plg29.0000°, Azm70.0000°, N 0.6802, Plg36.0000°,
 Azm316.0000°, P -9.8242, Plg40.0000°, Azm188.0000°;
 VAO 19 22:52:40.5, 0.5, 29.96S; 72.65W, h27km, mb4.4
 NEIC 19 22:52:42.0, 2.6, 29.69S; 0.04, 72.33W; 0.05, h10km, 1km,
 mb4.3/1.1, Mw9.3/26, ML4.1 (2/C) Error ellipse:
 s-maj=0.8km s-min=5.9km az=295.0
 IDC 19 22:52:42.0, 0.9, 29.81S; 72.05W, h0km, mb4.17,
 mb1.4/3.9, mb1mx4.1/26, mbtmp4.2/9, ML4.3/2, M3.2/4,
 Ms1.3/1.4, ms1mx2.8/27, Error ellipse: s-maj=29.2km
 s-min=21.4km az=86.0
 GUC 19 22:52:45.2, 0.5, 29.80S; 72.19W, h32km, 4km, ML4.2
 ISC 19 22:52:41.9, 0.5, 29.71S-0.04, 72.36W, 0.04, h10km, n105,
 r187/115, mb4.3/10, 4C-6D, Off coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
FSK	Fiskardo	0.08	151	P	Pg	22 29 10.2 +0.1
FSK	Fiskardo	0.08	151	P	Sg	22 29 11.4 -0.6
FSK	Fiskardo	0.08	151	P	Sg	22 29 12.2
FSK	Fiskardo	0.08	151	P	Sg	22 29 10.0 0.0
FSK	Fiskardo	0.08	151	P	Sg	22 29 11.4 -0.6
FSK	Fiskardo	0.08	151	P	Sg	22 29 12.2
FSK	Fiskardo	0.08	151	P	Sg	22 29 10.0 0.0
FSK	Fiskardo	0.08	151	P	Sg	22 29 11.4 -0.6
FSK	Fiskardo	0.08	151	P	Sg	22 29 12.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 10.8 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.3 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 10.7 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.3 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 13.1 -0.1
EVGI	Lefkada island	0.15	50	P	Pg	22 29 11.1 -0.2
EVGI	Lefkada island	0.15	50	P	Pg	22 29 14.1 +0.1
EVGI	L					

19d 23h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BB19B, ATAH, ARAG, VAO, CLDB, etc.

TUL 19 22:57:21.9, 1.4, 3.6; 47N/0.02-98.76W; 0.02, h3km, 1km, ML2.7, mb_Lg2.2/11(NEIC). Error ellipse: s-maj=3.5km s-min=2.1km az=161.0

NEIC 19 22:57:22.1, 0.1, 36.52N; 0.03-98.77W; 0.01, h11km, 6km, Error ellipse: s-maj=4.7km s-min=1.3km az=167.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like U32A, U32A, OK032, etc.

IDC 19 22:58:56.4, 2.3, 0.64N; 127.36E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.2/31, mbtmp3.5/3, Error ellipse: s-maj=163.6km s-min=29.8km az=66.0, Halmahera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, MKAR, etc.

2015 NOV

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, MKAR, MAZK, etc.

IDC 19 23:14:16.0, 5.7, 2.70S; 178.61W, h550km, 38km, mb2.9/3, mb1 3.4/4, mb1mx2.8/52, mbtmp3.8/4, Error ellipse: s-maj=14.4km s-min=5.6km az=161.0

ISC 19 23:14:18.8, 1.5, 2.25S; 177.02E, h550km, n9, <0.95G, mb3.2/3, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF, ASAR, NVAR, etc.

IDC 19 23:15:49.8, 0.5, 36.69N; 140.64E, h0km, mb4.3/21, mb1 4.3/27, mb1mx4.1/81, mbtmp4.2/27, ML3.6/4, Error ellipse: s-maj=12.6km s-min=11.5km az=58.0

NEIC 19 23:15:52.3, 36.68N; 140.70E, h12km, Moment Tensor Solution: Moment: 10^14 Nm; M2: 4.74; Mw: 3.78; Mw-8.52; Mw-4.35; Mw-1.89; Mr-2.22; Fault plane solution: Mo: 19.06000; 10^14; NP1: 25.77000; 66.45000; λ-42.49000; NP2: 137.30000; 852.43000; λ-147.10000; Principal axes: T 9.0024, Plg7.0000; Azm84.0000; N 0.1154, Plg42.0000; Azm181.0000; P -9.1177, Plg47.0000; Azm346.0000;

NEIC 19 23:15:52.2, 1.5, 36.69N; 0.04-140.70E; 0.06, h10km, 4km, mb4.6/20, Mw3.9/19 Error ellipse: s-maj=7.7km s-min=3.2km az=125.0

JMA 19 23:15:53.1, 36.67N; 140.65E, h10km, 1km, M4.3; Ground based fault plane solution: P waves. NP1: 193.00000; 841.00000; λ-50.00000; NP2: 63.25000; 859.00000; λ-119.00000; Principal axes: T Plg10.0000; Azm76.0000; N Plg25.0000; Azm341.0000; P Plg63.0000; Azm186.0000;

Fault plane solution: Mo: 1.80000x10^15 NP1: 199.00000; 853.00000; λ-55.00000; NP2: 63.25000; 849.00000; λ-127.00000

ISC 19 23:15:58.2, 0.9, 36.68N; 140.67E, h13km, 5km, n101, 1825/107, mb4.5/33, 5C-1D, Near east coast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHO, JHYU, JHYU, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAJ, JCJ, USA0B, etc.

1222

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR, COEN, COEN, etc.

NEIC 19 23:16:18.2, 1.6, 9.32S; 0.06-118.76E; 0.06, h93km, 6km, mb1 0/13, Error ellipse: s-maj=9.3km s-min=7.8km az=202.0

DJA 19 23:16:18.5, 1.9, 9.33S; 111.9E, h25km, 19km, M4.3/15, mb4.3/3, MLV4.3/15

IDC 19 23:16:22.7, 4.3, 9.03S; 119.20E, h135km, 38km, mb3.7/8, mb1 3.7/11, mb1mx3.3/61, mbtmp4.1/11, Error ellipse: s-maj=58.9km s-min=11.3km az=59.0

ISC 19 23:16:18.3, 0.5, 9.36S; 0.05-118.82E; 0.04, h100km, n65, 187/64, mb4.0/10, Sumbawa region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WSI, BAI, TWSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, TORO Torodi Ar. Bea, WRA Warramunga Arr, etc.

Table with columns: INU, Iamb, Iamb, 23 51 20.5, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSAR Wonju Array B, PEAOB Petropavlovsk, MKAR Makanchi Array, etc.

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

20d 1h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like DBRK Dubrovnik, STON Ston, LSTV Lastovo, MAKA Makarska, HVAR Hvar, RIČI Ričice, KJUV Kijev, ZIRJ Zirje, MORI Morici, DUGI Dugi Otok, UDBI Udbina, NVLI Novajia, RABC Rab.

IDC 20 00:47:46.7,0.8,0.96N,127.41E,h0km,mb4.2/11, mb1 4.3/12,mb1mx4.1/35,mbtmp4.2/12,ML3.6/1,MS3.5/6, MS1 3.5/6,ms1mx3.0/38,Error ellipse: s-maj=35.5km s-min=13.7km az=73.0

NEIC 20 00:47:49.3,1.5,1.01N,0.05,127.52E,0.08,h10km,1km, mb4.4/20,Error ellipse: s-maj=13.1km s-min=8.5km az=74.0

DJA 20 00:47:50.1,1.2,1.2,1.4,12.9E,1h19km,13km, M4.3/13, mb4.5/9,mb4.9/4,MLV4.2/13,Mv(m)4.2/4

ISC 20 00:47:48.6,0.6,1.06N,0.06,127.55E,0.07,h10km,n62, c1151/52,mb4.3/17,MS3.2/5,Halmahera

Main table for 20d 1h section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations and their associated data.

SKHL 20 00:50:01.2,0.5,43.390N,147.70E,h38km,1km,mb4.4/3 JMA 20 00:50:01.8,0.3,43.87N,147.65E,h66km,M3.7

ISC 20 00:50:06.2,3,43.9N,0.1,147.8E,0.1,h35km,n15, c670/26,Kuril Islands

Table for Kuril Islands section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR 60nm,0.3s, KUR 600nm,0.4s, KUR 900nm,0.4s.

2015 NOV

Table for 2015 NOV section with columns: YUK, Yuzh-Kuril'sk, YUK, YUK, YUK, GRPR, GRPR, GRPR, GRPR, NEM2, NEM2, NMR, NMR, GLVR, JRA, JNSB, JNSB, JKH, JKH, JNK, JNK, JAK, JAK, JAR, JAR, JAB, JAB, JOB, JOB, JCH, JCH, JNBK, JNBK. Includes various station codes and data.

IDC 20 00:54:01.4,2.2,0.77N,127.09E,h0km,mb3.6/3, mb1 3.9/3,mb1mx3.5/35,mbtmp3.7/3,MS3.6/1,Ms1 3.6/1, ms1mx2.7/31,Error ellipse: s-maj=164.0km s-min=28.1km az=66.0,Halmahera

Table for IDC 20 00:54:01.4,2.2,0.77N,127.09E,h0km,mb3.6/3 section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, MKAR Makanchi Array.

SOME 20 00:57:35.9,4.9,47.9N,86.85E,h0km NNC 20 00:57:41.7,2.5,44.73N,86.65E,h15km,12km,mb3.6, mp3.2,Error ellipse: s-maj=17.7km s-min=13.1km

ISC 20 00:57:44.9,2.8,45.01N,0.08,86.5E,0.1,h10km,n18, c157/27,3C-SD,Northern Xinjiang

Main table for 2015 NOV section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations and their associated data.

NOU 20 01:00:36.3,22.13S,171.99E,h0km,ML4.4/6,Southeast of Loyalty Islands,Southeast of Loyalty Islands

Table for Noumea section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MARC Mare, Loyalty, YARNC Yarnie, OUNC Oueni, OUNC Oueni, DZM Port Dzumac, NOUC Port Laguerre.

IDC 20 01:03:48.8,2.3,0.91N,127.13E,h0km,mb3.6/3, mb1 3.8/3,mb1mx3.4/44,mbtmp3.6/3,MS4.0/1,Ms1 4.0/1, ms1mx2.7/25,Error ellipse: s-maj=171.8km s-min=28.3km az=66.0,Halmahera

Table for IDC 20 01:03:48.8,2.3,0.91N,127.13E,h0km,mb3.6/3 section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs.

1226

1.6nm,0.8s,baz=343,slow=9.9,SNR=10 MKAR Makanchi Array 60.09 326 P P 01 13 57.8 -0.1

BJI 20 01:08:39.8,0.0,26.110N,143.08E,h20km,mb4.9/35, mb4.6/50,MS4.5/46,MS7.4/343 IDC 20 01:08:42.6,0.5,26.23N,142.54E,h0km,mb4.4/27, mb1 4.6/30,mb1mx4.5/46,mbtmp4.4/30,ML3.5/3,MS4.0/23, MS1 4.0/23,ms1mx3.8/48,Error ellipse: s-maj=15.6km s-min=11.9km az=79.0

NIED 20 01:08:42.6,26.40N,143.05E,h7km,MW4.7,Moment Tensor Solution. s2 Moment tensor: Scale 10^16Nm; Mrr=0.02; Mss=0.07; Mss=0.05; Mss=0.00; Mss=0.47; Mrr=1.8; Fault plane solution: M1.27000x10^16 NP1: 6.2780000,390.00000,-1.68.00000; NP2: 6.269.00000,322.00000,-1.180.00000;

JMA 20 01:08:42.5,0.2,26.40N,143.05E,h7km,3km,MS.2 JMA Feil 1/1

NEIC 20 01:08:45.0,1.4,26.40N,142.66E,0.1,h8km,4km, mb4.7/96,Error ellipse: s-maj=15.0km s-min=7.3km az=68.0

MOS 20 01:08:45.7,1.2,26.22N,142.53E,h33km,mb5.1/41, MS4.6/6,Error ellipse: s-maj=11.8km s-min=5.4km az=119.0

ISC 20 01:08:47.0,4.0,26.30N,0.05,142.64E,0.06,h31km,n248, c157/220,mb4.7/117,MS4.2/44,14C-8D,Bonin Islands region

Main table for 1226 section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations and their associated data.

1227

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like HHC, ZEA, XAN, QIZ, GYA, etc.

2015 NOV

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WMQ, PSI, DGZ, TAPN, etc.

20d 1h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KIRV, GEYT, GYA0B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINES, TORD, MKAR, ZALV.

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

IDC 20 03:15:38.8 1.0, 35.96N.0.02:96.76W.0.01, h4km, 3km, ML2.7, mb, Lg2.3/8(NEIC), Error ellipse: s-maj=2.2km s-min=1.3km az=156.0

NEIC 20 03:15:39.0 0.9, 35.98N.0.02:96.76W.0.01, h4km, 2km, Error ellipse: s-maj=2.4km s-min=1.3km az=149.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK030, QUOK, ASAR, WRA, etc.

IDC 20 03:16:26.2 1.1, 18.35S:65.85E, h0km, mb4.0/5, mb1 4.2/6, mb1mx3.6/54, mbtmp4.0/6, ML3.8/1, MS3.2/2, Ms1 3.3/2, ms1mx2.8/45, Error ellipse: s-maj=42.2km s-min=25.4km az=173.0

ISC 20 03:16:27.8 1.1, 18.4S:65.85E.0.2, h10km, n10, r140/6, mb4.1/5, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3, etc.

DDA 20 03:25:48.1, 35.22N:27.76E, h16km, ML2.8, ISK 20 03:25:50.4, 35.18N:27.76E, h21km, ML3.0/9, THE 20 03:25:52.9, 35.44N:27.90E, h0km, 1km, ML2.6/3, Error ellipse: s-maj=2.2km s-min=1.0km az=147.0

NIC 20 03:25:53.6 0.0, 35.44N:27.90E, h24km, 1km, ML3.3/3, ISC 20 03:25:51.7 1.3, 35.35N.0.04:27.92E.0.03, h8km, n11km, n46, r094/64, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARG, MRSB, DAT, ZKR, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THR8, TAVA, TAVA, etc.

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

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

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

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

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

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

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

IDC 20 03:37:33.7 3.5, 35.76N:141.09E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.4/43, mbtmp3.4/4, ML2.6/1, MS2.7/1, Ms1 2.7/1, ms1mx2.2/50, Error ellipse: s-maj=104.3km s-min=27.4km az=56.0

JMA 20 03:37:41.3 0.1, 35.75N:140.64E, h51km, 2km, M3.1, JMA Feil I JT

ISC n21, r075/21, mb3.6/3, Near east coast of eastern Honshu

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BS04, BS04, BS04, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BS01, BS01, BS01, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1N2, H1N2, H1N2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1N1, H1N1, H1N1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1N3, H1N3, H1N3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1S3, H1S3, H1S3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1S1, H1S1, H1S1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1S2, H1S2, H1S2, etc.

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

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

NEIC 20 03:55:09.9 0.9, 0.98N:0.06:127.5E.0.1, h10km, 2km, mb4.2/7, Error ellipse: s-maj=20.3km s-min=5.1km az=117.0

DJA 20 03:55:10.6 0.5, 1.7N:4.12E, h10km, M4.0/8, mb4.4/3, ML3.9/8

IDC 20 03:55:18.6 13.0, 0.79N:127.22E, h92km, 121km, mb3.7/4, mb1 3.9/5, mb1mx3.4/45, mbtmp4.0/5, ML3.6/1, MS3.0/6, Ms1 3.0/6, ms1mx2.7/48, Error ellipse: s-maj=129.3km s-min=21.4km az=57.0

ISC 20 03:55:09.5 1.2, 0.97N:0.08:127.55E.0.08, h10km, n29, r106/25, mb4.2/7, MS3.0/5, Halmahera

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WR0, WR0, WR0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AS31, AS31, AS31, etc.

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

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

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

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

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

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

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

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

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

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

IDC 20 03:58:30.1 0.8, 36.66N:0.02:98.45W.0.05, h7km, 7km, ML2.6, mb, Lg2.2/9(NEIC), Error ellipse: s-maj=6.0km s-min=2.5km az=92.0

NEIC 20 03:58:29.9 1.3, 36.73N:0.04:98.51W.0.05, h14km, 7km, Error ellipse: s-maj=7.4km s-min=5.3km az=137.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK032, OK032, OK032, etc.

IDC 20 04:01:34.4 2.2, 26.28N:128.52E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.6/44, mbtmp3.9/4, Error ellipse: s-maj=213.0km s-min=12.4km az=72.0

JMA 20 04:01:36.7 0.2, 26.45N:128.94E, h39km, 3km, M3.9, ISC 20 04:01:36.7 1.0, 26.44N:0.05:128.97E.0.03, h28km, 9km, n20, r145/30, mb3.9/7, Ryukyu Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, ZALV Zarevo, KURBB Kurchatov Arra, etc.

IDC 20:04:09:02.0:1.7,11:55:165:09E,h0km,mb3.7/3, mb1.4/1.4,mb1mx3.7/4.5,mbtmp3.8/4,ML4.0/1,MS3.3/1, Ms1.3/1.0,ms1mx2.6/4.3,Error ellipse: s-maj=51.2km s-min=31.7km az=127.0,Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, PMG Port Moresby, H11S2 WAKE ISLAND Hy 29.50, etc.

IDC 20:04:14:49.3:1.0,1:07N:127:64E,h0km,mb4.0/6, mb1.4/2.6,mb1mx3.8/39,mbtmp4.1/6,Error ellipse: s-maj=68.9km s-min=17.4km az=75.5, NEIC 20:04:14:31.4:1.4,1:01N:0:07E:127:48E:0:08,h10km,2km, mb4.2/1.1,Error ellipse: s-maj=15.2km s-min=9.3km az=127.0, DJA 20:04:14:53.5:0.3,1:1N:3:12E,h10km,M3.9/7,mb4.0/3,MLV3.9/7

ISC 20:04:14:50.7:0.8,1:18N:0:09E:127:70E:0:08,h10km,n25, a19:14/21,mb4.2/1.1,Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBMI Labuha, SANI Sanana, KMSI Cibinong, etc.

DJA 20:04:18:54.6:0.3,1:1N:3:12E,h10km,M4.4/12, mb4.5/12,mb4.8/3,MLV4.4/10,MW(mB)4.1/3, NEIC 20:04:18:56.0:1.1,0:9N:0.1:127:44E:0:09,h28km,7km, mb4.5/2.3,Error ellipse: s-maj=17.8km s-min=10.7km az=207.0

IDC 20:04:18:57.8:3.5,0:88N:127:48E,h52km,36km,mb4.1/5, mb1.4/2.8,mb1mx3.7/4.1,mbtmp4.3/8,ML3.7/3,MS3.3/10, Ms1.3/3.10,ms1mx3.0/5.3,Error ellipse: s-maj=35.7km s-min=18.9km az=67.0

ISC 20:04:18:56.3:0.7,0:92N:0:08E:127:46E:0:09,h35km,n57, a19:19/48,mb4.5/1.7,MS3.3/8,Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBMI Labuha, SANI Sanana, KMSI Cibinong, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

KRNET 20:04:23:59.6:0.1,4:1:08N:75:21E,h18km,mb3.0 KNET 20:04:24:01.2:0.5,4:1:15N:75:03E,h0km,ml2.3,Error ellipse: s-maj=3.1km s-min=2.6km az=163.0, SOME 20:04:24:02.2:1.4:1:18N:75:15E,h0km NINC 20:04:24:04.9:1.6,4:1:19N:75:17E,h19km,11km,mb3.6, mpv3.2,Error ellipse: s-maj=11.1km s-min=7.2km az=60.0

ISC 20:04:24:01.6:1.4,4:1:13N:75:14E:0:02,h11km,11km, n62,a19:22/99,27C-22D,Kyrgyzstan

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KST Kastelek, TARG Taragay, MRKS Merke, etc.

IDC 20:04:25:05.8:1.6,0:68N:127:31E,h0km,mb3.8/3, mb1.4/0.3,mb1mx3.6/4.3,mbtmp3.8/3,Error ellipse:

20d 4h

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

IDC 20 04:25:04.8.1.3, 1.20S; 120.05E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.7/4.7, mbtmp3.9/5, ML3.6/1, Error ellipse: s-maj=77.5km s-min=23.3km az=66.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, WR0 Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, WR0 Warramunga Arr.

TIR 20 04:27:55.1, 38.52N-20.85E, h2km, jkm, Md3.6, Ml3.5, BEO 20 04:27:55.3, 38.4, 38.07N-20.07E, h47km, 5km, ML3.5/8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FSK Fiskardo, EVGI Lefkada island, DRAG Dragano-Lefkad.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARGA Argostoli, VLS Valsamata, VLS Valsamata.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TSUK Tsoukalades, PSDA Pessada-Kefalo, PSDA Pessada-Kefalo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr.

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

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

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

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

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

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CAR1, CAR1, CAR1.

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

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

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

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

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

KRNET 20 04:45:48.0.0.1, 40.36N-73.20E, h14km, mb5.2, ISU 20 04:45:48.0.25N-73.20E, h25km

20d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, LBTB Lobate, WBO Warramunga Arr, etc.

DJA 20 04:46:43.9.0.5, 1°N, 3°12'28"E, h10km, M4.3/9, mb4.6/4, MLv4.2/9

NEIC 20 04:46:47.7.0.9, 0°8'N, 0°1'127.4E, h10km, M4.3/9, mb4.1/7, Error ellipse: s-maj=18.4km s-min=13.1km az=209.0

ICD 20 04:46:58.8.11.0, 0°8'05"127.34E, h0km, mb3.9/3, mb1.4/2.4, mb1mx3.7/56, mbtmp4.0/4, ML4.1/1, MS3.1/1, Ms1.3/1.1, ms1mx2.5/50, Error ellipse: s-maj=191.3km s-min=145.4km az=8.0

ISC 20 04:46:47.4.0.9, 0°8'N, 0°1'127.34E, h08, h14km, gkm, n24, s127/25, mb4.1/6, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, LBMI Labuha, SANI Sanana, etc.

ICD 20 04:49:50.6.1.9, 0°7'0"N, 126°96'E, h0km, mb4.0/4, mb1.4/2.4, mb1mx3.7/57, mbtmp4.0/4, MS3.3/1, Ms1.3/3.1, ms1mx2.5/50, Error ellipse: s-maj=155.5km s-min=25.2km az=65.0

DJA 20 04:49:52.0.4.1, 1°N, 3°12'28"E, h10km, M3.8/6, mb3.9/1, MLv3.7/6

ISC 20 04:49:51.6.1.2, 1°0'N, 0°1'127.55E, h07, h10km, n9, s18/49, mb4.0/4, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, LBMI Labuha, KMSI Cibinong, etc.

ICD 20 05:01:07.9.0.6, 3°7'20"N, 137°23'E, h266km, 7km, mb3.5/16, mb1.3/5.0, mb1mx3.3/69, mbtmp4.1/20, Error ellipse: s-maj=24.3km s-min=12.4km az=66.0

NIED 20 05:01:07.9.0.6, 3°7'20"N, 137°23'E, h266km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm;

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Mn-0.38; Mw1.28; Mw-0.90; Mg-0.44; Mw-0.50; Mw-0.51; Fault plane solution: M1.14000x10^15 NP1: q=62.0000°, d76.0000°, l-149.0000°. NP2: q=323.0000°, d86.0000°, l-16.0000°

JMA 20 05:01:07.6.0.1, 3°7'20"N, 137°16'E, h265km, 1km, M3.5 ISC 20 05:01:07.7.0.7, 3°7'21"N, 137°13'E, h07, h263km, 6km, n40, c074/50, mb3.7/16, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JSZ Suzu, JSG Higurajima, JMG Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, KLR Kuldr, SOMN Songino Array, etc.

ICD 20 05:03:05.9.6.1, 31°8'15"N, 178°34'W, h0km, mb4.0/2, mb1.4/2.2, mb1mx3.7/27, mbtmp4.0/2, Error ellipse: s-maj=252.4km s-min=59.3km az=158.0, Kermadec Islands region

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

PRU 20 05:09:44.1.0.0, 51°49'N, 16°09'E, h0km, ISC 20 05:09:43.0.2.9, 51°51'N, 0°1'16.08E, h07, h0km, n10, c076/16, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, etc.

ATH 20 05:11:48.2.35, 37°N, 22°58'E, h12km, 3km, ML2.8/3, Error ellipse: s-maj=6.0km s-min=2.1km az=71.0

THE 20 05:11:51.0.1, 35°50'N, 22°70'E, h12km, 9km, ML2.8/3, Error ellipse: s-maj=9.4km s-min=1.8km az=60.0

ISC 20 05:11:48.9.2.9, 35°44'N, 0°7'22.8E, 0.1, h11km, 12km, n16, c044/21, Central Mediterranean Sea

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KTHA, IMMV Iera Moni Meta, IMMV Iera Moni Meta, etc.

HLW 20 05:12:14.5, 38°64'N, 20°14'E, h9km, 18km, Md5.3, M5.3 BGR 20 05:12:18.7.1.5, 38°35'N, 21°51'E, h10km, Error ellipse: s-maj=84.5km s-min=20.0km az=46.0

BEO 20 05:12:21.4.0.9, 38°33'N, 20°22'E, h0km, ML4.8/16 TIR 20 05:12:22.4, 38°73'N, 21°30'E, h9km, 2km, Md4.9, M5.0 IDC 20 05:12:22.7.0.4, 38°50'N, 20°47'E, h0km, mb4.6/3.5, mb1.4/6/49, mb1mx4.5/70, mbtmp4.5/49, ML4.3/13, Ms4.2/21, Ms1.4/2/21, ms1mx4.0/76, Error ellipse: s-maj=10.2km s-min=8.5km az=103.0

MOS 20 05:12:23.0.1.3, 38°57'N, 20°35'E, h12km, mb5.0/25, MS4.3/13, Error ellipse: s-maj=3.8km s-min=2.2km az=87.6

GCMT 20 05:12:23.8.0.3, 38°31'N, 0°02'20.50E, 0.02, h24km, 1km, MW5.0/92, Moment Tensor Solution. s33, c39; s92, c139; Duration: 0 Moment tensor: Scale 10^19Nm; Mw-0.36; 16; Mw3.76; 15; Mw3.40; 12; Mw0.21; 18; Mw1.32; 11; Mw0.02; 19; Best double couple: Mw3.82/100/1016 NP1: q=35.0000°, d87.0000°, l179.0000°. NP2: q=125.0000°, d89.0000°, l3.0000°. Principal axes: T 4.0050, Plg3.0000, Azm350.0000; N -0.3700, Wgt87.0000; Azm149.0000; P -3.6370, Plg1.0000; Azm260.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

PDG 20 05:12:24.1.0.8, 38°51'N, 20°40'E, h11km, 1km, MD4.9/2, ML4.9/11 Error ellipse: s-maj=0.7km s-min=0.6km az=90.0

MED_RC 20 05:12:24.0.0.2, 38°51'N, 20°37'E, h23km, MW5.0/37, Moment Tensor Solution. Body waves: s5, c5; Mantle waves: s37, c67; Duration: 12 Moment tensor: Scale 10^16Nm; Mw-0.52; 14; Mw3.52; 12; Mw3.30; 10; Mw0.24; 14; Mw1.84; 08; Mw-0.28; 14; Best double couple: Mw3.76000/1016 NP1: q=30.0000°, d84.0000°, l-177.0000°. NP2: q=30.0000°, d87.0000°, l-6.00000°. Principal axes: T 4.0100, Plg2.0000; Azm345.0000; N -0.4900, Plg83.0000, Azm92.0000; P -3.5200, Plg6.0000, Azm255.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=35s.

ATH 20 05:12:24.9, 38°47'N, 20°49'E, h12km, 1km, ML4.8/13 Error ellipse: s-maj=1.6km s-min=0.6km az=280.0

THE 20 05:12:24.3, 38°47'N, 20°44'E, h14km, ML4.9/7, Error ellipse: s-maj=1.1km s-min=0.3km az=285.0

UPSL 20 05:12:24.9, 38°47'N, 20°49'E, h12km, Mw4.7, Moment Tensor Solution. s6 Moment tensor: Mw0.01; Mw1.33; Mw-1.34; Mw0.48; Mw0.64; Mw-0.16; Fault plane solution: NP1: q=32.0000°, d72.0000°, l176.00000°. NP2: q=123.0000°, d86.0000°, l18.00000°

NEIC 20 05:12:25.4.2.3, 38°54'N, 0°05'20.9E, 0.06, h14km, 2km Error ellipse: s-maj=7.6km s-min=7.2km az=150.0

ISC 20 05:12:24.6.0.7, 38°48'N, 0°1'20.44E, 0.02, h14km, 4km, n46, c1975/912, mb4.7/102, MS4.1/11, 112C-120D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FSK Fiskardo, FSK Fiskardo, EVGI Lefkada island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EVGI Lefkada island, KEF4 Livadi, KEF4 Livadi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRAG Dragano-Lefkad, DMLN Damouliana-K, DMLN Damouliana-K, etc.

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

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

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

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

MYKA	Terra Mystica	9.56 331	i Pn	Pn	05 14 41.2 -0.5
POLC	Polcenigo	9.56 325	P	Pn	05 14 41.9 +0.1
PGF	Pioggiola	9.61 299	P	Pn	05 14 46.6 +4.1
PGF				pmax	
SOP	comp-Z,27nm,1.0s				
SOP	Sopron	9.62 344	e P	Pn	05 14 47.7 +5.1
SOP	Sopron	9.62 344	P	Pn	05 14 42.2 -0.4
SOP				pmax	
STAL	STALIGIAL	9.65 326		Pn	05 14 41.5 -1.4
TRPA	Tarpa	9.76 8	P	Pn	05 14 44.2 -0.3
ZOU	Zouplfan	9.77 328	Pn	Pn	05 14 43.1 -1.7
BURAR	Bucovina Array	9.77 19	P	Pn	05 14 46.5 +1.8
BURAR	Bucovina Array	9.77 19	P	Pn	05 14 46.5 +1.8
BURAR	Bucovina Array	9.77 19	Pn	Pn	05 14 46.5 +1.8
BUR08	Bucovina Ar. S	9.79 19	Pn	Pn	05 14 44.8 -0.2
CTI	Castel Tesino	9.97 322	P	Pn	05 14 46.0 -1.5
CTI	Castel Tesino	9.97 322	Pn	Pn	05 14 46.0 -1.5
ZST	Bratislava	10.01 347	P	Pn	05 14 47.7 -0.2
ZST				pmax	
ZST	Bratislava	10.01 347	ePN	Pn	05 14 47.4 -0.5
ZST				ePG	
ZST				eSN	
CONA	Conrad Observa	10.01 342	i Pn	Pn	05 14 46.9 -1.1
CONA	comp-Z,4.4nm,0.7s,SNR=5.7				
KBA	Koelnbreinsper	10.05 331	i Pn	Pn	05 14 48.0 -0.6
KBA	comp-Z,13nm,0.6s,SNR=8.4				
KBA	comp-Z,7.1nm,0.8s			eSN	
KBA	Koelnbreinsper	10.05 331	P	Pn	05 14 48.0 -0.6
KBA				pmax	
YVHS	comp-Z,7.9nm,1.1s				
YVHS	Vyhne	10.08 354	eP	Pn	05 14 48.1 -0.7
YVHS	Vyhne	10.08 354	ePN	Pn	05 14 48.1 -0.7
YVHS				eSN	
SWA2	baz=153	10.11 154	P	S	05 14 33.7 -1.6
SWA2	baz=153			S	05 16 33.3 -9.2
ABTA	Abfaltersbach	10.11 327	i Pn	Pn	05 16 48.1 -1.3
ABTA	comp-Z,34nm,0.9s,SNR=19				
ABTA	comp-Z,378nm,1.1s			eSN	
MODS	Modra-Piesok	10.15 348	e P	Pn	05 14 48.0 -1.8
MODS				eMLR	
MODS	comp-Z,4.1um,17.8s				
MODS	Modra-Piesok	10.15 348	ePN	Pn	05 14 48.0 -1.8
MODS				ePG	
MODS				eSN	
MODS				L	05 15 42.0
MODS				L	05 16 35.9 -7.5
MODS				L	05 19 48.2
KOLL	Kolacno	10.20 352	ePN	Pn	05 14 49.8 -0.7
UZH	Uzhgorod	10.23 710	P	Pn	05 14 51.2 +0.3
UZH				eS	
UZH				MLR	
UZH				MLR	
SALO	Salz	10.25 317	Pn	Pn	05 14 50.7 -0.5
BR13	Keşkin Array S	10.34 79	P	Pn	05 14 55.9 +3.2
BR13	Keşkin Array S	10.34 79	Pn	Pn	05 14 55.6 +3.2
BR13	Keşkin Array S	10.34 79	Pn	Pn	05 14 55.0 +2.5
BRTR	comp-Z,0.7nm,0.3s,baz=261,slow=12,SNR=20				
BRTR	Keşkin Array B	10.34 79	i P	LR	05 19 35.4
BRTR	Keşkin Array B	10.34 79	i P	Pn	05 14 56.0 +3.5
BRTR				pmax	
BRTR	comp-Z,8.0nm,0.6s				
BRTR	Keşkin Array B	10.34 79	Pn	Pn	05 14 56.5 +4.0
BOB	Bobbio (Coli)	10.35 311	P	Pn	05 14 56.0 +3.4
BOB				pmax	
MOA	Molin	10.39 336	i Pn	Pn	05 14 52.0 -1.1
MOA	comp-Z,20nm,0.4s,SNR=22			eSN	
MOA	comp-Z,19nm,0.3s				
CRVS	Cervenica-Dubn	10.47 4	e P	MLR	05 14 54.5 +0.6
CRVS				MLR	
CRVS	Cervenica-Dubn	10.44 4	ePN	Pn	05 14 54.4 +0.6
CRVS				eL	
CRVS				L	05 19 27.5
CRVS	Velka Javorina	10.56 350	ePN	Pn	05 14 55.2 -0.3
LANS	Liptovska Anna	10.69 357	eP	Pn	05 15 03.7 +6.5
LANS	Liptovska Anna	10.69 357	ePN	Pn	05 15 03.7 +6.5
WTTA	Wattenberg	10.89 327	i Pn	Pn	05 15 00.0 -0.1
WTTA	comp-Z,26nm,0.4s,SNR=22			eSN	
WTTA	Wattenberg	10.89 327	P	Pn	05 14 59.9 -0.2
WTTA				pmax	
NIE	Niedzica	10.93 360	P	Pn	05 15 02.4 +1.8
NIE				pmax	
KRUC	Moravsky	10.97 346	P	Pn	05 14 59.9 -1.1
KRUC				pmax	
KRUC	comp-Z,13nm,1.7s				
KRUC	Moravsky	10.97 346	ePN	Pn	05 14 59.9 -1.1
WATA	Walderalm	10.97 327	i Pn	Pn	05 15 01.3 +0.1
WATA	comp-Z,55nm,0.6s,SNR=28			eSN	
WATA	comp-Z,180nm,0.9s				
SQTA	Sankt Quirin	11.05 325	i Pn	Pn	05 15 03.1 +1.0
SQTA	comp-Z,1.7nm,0.5s,SNR=14			eSN	
SQTA	comp-Z,7.0nm,0.8s				
FETA	Feichten	11.12 323	ePn	Pn	05 15 03.3 +0.1
FETA	comp-Z,6.2nm,0.5s			eSN	
FETA	comp-Z,26nm,0.6s				
SAOF	Saorge	11.15 304	P	Pn	05 15 06.3 +2.8
SAOF				pmax	
VRAC	Vranov	11.17 347	P	Pn	05 15 03.3 -0.5
VRAC	Vranov	11.17 347	Pn	Pn	05 15 03.2 -0.6
VRAC	comp-Z,0.7nm,0.3s,baz=167,slow=9.6,SNR=8.6			LR	05 20 36.3
VRAC	comp-Z,2.1um,18.9s,baz=172,slow=45				
VRAC	Vranov	11.17 347	ePN	Pn	05 15 02.5 -1.3
MOTA	Moosalm	11.19 325	i Pn	Pn	05 15 04.9 +0.7
MOTA	comp-Z,39nm,0.5s,SNR=32			eSN	
MOTA	comp-Z,86nm,0.7s				
CKRC	Cesky Krumlov	11.24 339	eP	Pn	05 15 03.4 -1.4
CKRC				AMS	05 20 00.0
KWP	Kalvaria Pacla	11.27 8	P	Pn	05 15 06.7 +1.6
KWP				pmax	
ZUGS	Zugspitze, Sch	11.30 325	ePN	Pn	05 15 06.1 +0.3
ZUGS				eSN	
ZUGS				S	05 15 05.8 -6.1
ZUGS				S	05 15 05.0 -1.1
PART	Garmisch-Parte	11.30 326	ePN	Pn	05 17 06.3 -5.3
PART				eSN	
DAVOX	Davos/Dischmat	11.36 320	Pn	Pn	05 15 07.1 +0.5
DAVOX	comp-Z,3.4nm,0.3s,baz=129,slow=16,SNR=30			S	05 17 05.8 -7.5
DAVOX	comp-Z,1.7nm,0.3s,baz=121,slow=12,SNR=6.0			LR	05 19 56.7
DAVOX	comp-Z,2.1um,18.9s,baz=104,slow=40				
TUE	Stuetta	11.43 318	Pn	Pn	05 15 08.3 +0.7
GECC	GERESS Array S	11.45 337	ePN	Pn	05 15 05.5 -2.2
GECC	GERESS Array S	11.45 337	Pn	Pn	05 15 05.5 -2.2
GERES	GERESS Array B	11.45 337	Pn	Pn	05 15 05.4 -2.2
GERES	comp-Z,1.9nm,0.3s,baz=156,slow=14,SNR=58			S	05 17 08.7 -6.5
GERES	comp-Z,2.7nm,0.3s,baz=153,slow=24,SNR=4.7			LR	05 20 07.3
GERES	comp-Z,1.1um,19.5s,baz=160,slow=41				
GERES	GERESS Array B	11.45 337	P	Pn	05 15 05.6 -2.0
GERES	GERESS Array B	11.45 337	Pn	Pn	05 15 07.9 +0.3
RETA	Reutte	11.45 325	i Pn	Pn	05 17 13.8 -1.4
RETA	comp-Z,7.2nm,0.4s,SNR=6.5			eSN	
OKC	Ostrava-Krasne	11.47 353	eP	Pn	05 15 07.8 -0.1
OKC				MLR	
OKC	Ostrava-Krasne	11.47 353	eP	Pn	05 15 07.8 -0.1
OKC				AMS	
OKC	Ostrava-Krasne	11.47 353	eP	Pn	05 15 07.8 -0.1
OKC				AMS	
MORC	Moravsky Berou	11.48 351	P	Pn	05 15 07.8 -0.3
MORC	Moravsky Berou	11.48 351	P	Pn	05 15 06.9 -1.2
MORC	Moravsky Berou	11.48 351	ePN	Pn	05 15 06.9 -1.2
MORC	Moravsky Berou	11.48 351	Pn	Pn	05 15 06.9 -1.2

LVV	L'vov	11.62 12	eP	Pn	05 15 12.4 +2.5
LVV			eS	Sn	05 17 19.3 -0.1
LVV				pmax	
DAVA	comp-Z,20nm,1.3s				
DAVA	Damuels	11.71 322	ePn	Pn	05 15 12.2 +0.9
DAVA	comp-Z,8.2nm,0.5s			eSN	
DAVA	Kasperske Hory	11.74 337	eP	Pn	05 17 18.9 -3.0
KHC	KHC			eMLR	
KHC	comp-Z,2.1um,10.7s				
KHC	Kasperske Hory	11.74 337	eP	Pn	05 15 09.8 -1.7
KHC				x	05 16 06.5
KHC				x	05 17 15.5
KHC				AMS	05 20 20.0
OJC	Ojcow	11.74 358	P	Pn	05 15 10.5 -1.1
OJC	Ojcow	11.74 358	Pn	Pn	05 15 10.5 -1.1
FUR	Furstenfeldbru	11.75 328	ePN	Pn	05 15 09.4 -2.3
KRLC	Kralicky	11.89 348	eP	MLR	05 15 13.5 0.0
KRLC	Kralicky			AMS	
KRLC	comp-Z,2.1um,13.8s				
KRLC	Kralicky	11.88 348	eP	Pn	05 15 13.5 0.0
KRLC				AMS	05 20 50.0
MMK	Matmark	11.93 313	P	Pn	05 15 15.8 +1.4
WET	Wetzell	11.97 335	P	Pn	05 15 12.7 -2.0
WET				pmax	
WET	comp-Z,32nm,1.0s				
WET	Wetzell	11.97 335	ePN	Pn	05 15 12.2 -2.5
MBDF	Montbardon	11.98 306	eP	Pn	05 15 17.1 +2.1
MBDF				pmax	
BNB	comp-Z,26nm,1.0s				
BNAT	Bunyan	12.05 83	Pn	Pn	05 15 19.3 +3.3
BNAT	Natroun	12.20 133	P	Pn	05 15 15.9 -2.1
BNAT	baz=133				
DPC	Dobruska-Polom	12.22 347	eP	Pn	05 15 17.4 -0.8
DPC				MLR	
DPC	comp-Z,3.1um,13.7s				
DPC	Dobruska-Polom	12.22 347	eP	AMS	05 15 17.4 -0.8
DPC				AMS	05 20 50.0
PRU	Pruhonice	12.25 342	eP	MLR	05 15 17.3 -1.2
PRU				MLR	
PRU	comp-Z,2.1um,10.8s				
PRU	Pruhonice	12.25 342	eP	Pn	05 15 17.3 -1.2
PRU				AMS	05 21 10.0
PRU	comp-Z,2.1um,10.8s				
LPG	La Plagne	12.35 309	eP	Pn	05 15 20.0 -0.2
LPG				pmax	
PRA	Prague	12.35 342	eP	Pn	05 15 19.5 -0.4
PRA	Prague	12.35 342	eP	Pn	05 15 19.5 -0.4
LPL	La Plagne	12.38 309	eP	Pn	05 15 24.6 +4.1
LPL				pmax	
NORI	Noerdlinger Ri	12.45 328	ePN	Pn	05 15 18.6 -2.7
SENI	Lac Senin/Sane	12.49 313	Pn	Pn	05 15 22.5 +0.4
SENI	Chvaley	12.50 347	AMS	AMS	05 21 00.0
ORIF	Oris-en-Rattie	12.63 305	eP	Pn	05 15 26.8 +3.0
ORIF				pmax	
KSP	Ksiaz	12.70 348	P	Pn	05 15 24.4 -0.3
KSP				pmax	
SLE	Schleitheim	12.72 321	P	Pn	05 15 24.8 -0.2
SLE				pmax	
HHAG	Hagoal	12.85 128	S	S	05 17 46.3 -3.4
GLL	Jalajah	12.88 130	P	Pn	05 15 24.3 -3.0
GLL	baz=130				
NKC	Novy Kostel	13.05 337	eP	MLR	05 15 29.0 -0.5
NKC				MLR	
NKC	comp-Z,2.1um,13.3s				
NKC	Novy Kostel	13.05 337	eP	AMS	05 15 29.0 -0.5
NKC				AMS	05 21 20.0
HFRF	Wahat Farafira	13.09 147	P	S	05 15 27.6 -2.5
HFRF	baz=146			S	05 17 44.2 -1.1
STU	Stuttgart	13.11 325	P	Pn	05 15 28.2 -2.0
STU	Stuttgart	13.11 325	ePN	Pn	05 15 28.5 -1.7
STU	Stuttgart	13.11 325	Pn	Pn	05 15 28.1 -2.0
BFO	Black Forest	13.19 322	P	Pn	05 15 28.8 -2.6
BFO				pmax	
BRG	Berggiesshubel	13.22 342	P	Pn	05 15 30.3 -1.4
BRG				pmax	
BRG	comp-Z,14nm,1.1s				
BRG	Berggiesshubel	13.22 342	eP	Pn	05 15 30.2 -1.4
BRG				Amp	05 15 33.3
BRG	comp-Z,12nm,0.9s				
BRG	comp-N,1.4nm,11.8s				
BRG	comp-E,3.1nm,10.6s				
BRG	comp-Z,0.9nm,12.4s				
MMAI	Mount Meron Ar	13.32 110	Pn	Pn	05 15 32.3 -1.0
MMAI	comp-Z,2.9nm,0.3s,baz=290,slow=14,SNR=4.8			S	05 17 51.8 -9.3
MMAI	comp-Z,5.0nm,0.3s,baz=308,slow=25,SNR				

RPZ	comp=Z,50nm,0.9s,baz=70,slow=4.3,SNR=30	Rata Peaks	74.43 159	P	P	05 43 28.4	-1.0
E04D	comp=Z,53nm,0.9s	Cinebar	74.45 46	P	P	05 43 30.1	+0.4
E04D	baz=292			S	S	05 53 05.8	+2.0
COR	comp=Z,4um,19.0s	Corvallis	74.70 48	IAMs_20	IAMs_20	06 15 23.8	
JLN	SNR=6.0	Jalan Bani Buh	74.75 287	P	P	05 43 30.7	-1.2
JLN	SNR=6.0			P	P	05 43 30.7	-1.2
J01E	SNR=6.0	Myrtle Point	74.81 49	P	P	05 43 32.4	+0.5
WBK	SNR=10	Wadi Bani Khal	74.95 288	P	P	05 43 32.6	-0.4
WBK	SNR=10			P	P	05 43 32.6	-0.4
C06D	SNR=10	Leavenworth	74.98 44	S	S	05 53 09.8	-0.1
WSAR	comp=Z,9.9nm,1.0s,baz=52,slow=5.8,SNR=8.1	Wadi Sarin	75.00 289	P	P	05 43 32.3	-1.0
WSAR	SNR=6.1	Wadi Sarin	75.00 289	P	P	05 43 32.8	-0.5
I03D	SNR=6.1	Drain, OR	75.00 49	P	P	05 43 33.2	+0.3
H04D	SNR=6.1	Lebanon	75.10 48	P	P	05 43 33.8	+0.3
K02D	SNR=6.1	Willamette Mer	75.17 50	P	P	05 43 34.2	+0.2
BIDO	SNR=14	Bidbid	75.32 289	P	P	05 43 35.1	0.0
BIDO	SNR=14			P	P	05 43 35.1	0.0
L02E	SNR=14	Cave Junction	75.41 50	P	P	05 43 36.0	+0.6
L02E	SNR=14			S	S	05 53 14.6	-0.3
F05D	SNR=14	White Salmon	75.41 46	P	P	05 43 35.7	+0.4
F05D	SNR=14			S	S	05 53 14.6	-0.2
TULEG	SNR=14	Thule	75.53 7	eP	IAMB	05 43 35.5	+0.1
TULEG	SNR=14			IAMB	IAMB	05 43 37.0	
SMD0	SNR=10	Samad	75.56 289	P	P	05 43 36.5	-0.1
SMD0	SNR=10			P	P	05 43 36.5	-0.1
I04A	SNR=10	Tendick Farm,	75.59 48	P	P	05 43 36.5	-0.1
I04A	SNR=10			S	S	05 53 17.4	+0.5
HUMO	SNR=10	Hull Mountain	75.68 49	IAMs_20	IAMs_20	06 14 48.0	
G05D	SNR=10	Wamic, OR	75.75 46	P	P	05 43 37.9	+0.6
G05D	SNR=10			S	S	05 53 21.0	+2.4
JMDO	SNR=7.0	Jabal Madar	75.78 288	P	P	05 43 37.2	-0.6
JMDO	SNR=7.0			P	P	05 43 37.2	-0.6
JETT	SNR=7.0	Jetan, Norway	75.82 342	eP	P	05 43 39.3	+2.1
BANOM	SNR=11	Banah	75.94 292	P	P	05 43 37.9	-0.8
BANOM	SNR=11			P	P	05 43 38.8	+0.1
BANOM	SNR=11			P	P	05 43 38.8	+0.1
HOQ	SNR=22	Hoagain	75.99 290	P	P	05 43 38.2	-0.8
HOQ	SNR=22			P	P	05 43 38.2	-0.8
J04D	SNR=22	Umpqua Nationa	76.01 49	P	P	05 43 39.0	0.0
J04D	SNR=22			P	P	05 43 39.0	0.0
SHME	SNR=35	Shamm	76.02 292	iP	P	05 43 38.4	-0.7
SHME	SNR=35			P	P	05 43 39.5	+0.4
SHME	SNR=35			P	P	05 43 39.5	+0.4
MAK	SNR=21	Makhachkala	76.09 311	eP	P	05 43 32.2	-7.0
MAK	SNR=21			e	e	05 46 29.7	
MAK	SNR=21			ePPP	PPP	05 48 10.7	
MAK	SNR=21			eSS	SS	05 53 11.4	-1.1
MAK	SNR=21			eSSS	SSS	05 58 13.7	-1.1
MAK	SNR=21			pmax	pmax	06 01 34.8	
MAK	SNR=21			MLR	MLR		
I05D	SNR=21	Terrebonne, OR	76.09 47	P	P	05 43 38.5	-0.8
I05D	SNR=21			S	S	05 53 22.9	+0.5
NEEM	SNR=293	North Greenlan	76.11 3	iP	P	05 43 39.2	+0.1
TRO	SNR=293	Tromso	76.17 343	eP	P	05 43 39.6	+0.5
TRO	SNR=293			IvMB_BB	IvMB_BB	05 43 50.7	
TRO	SNR=293			eS	eS	05 53 24.6	+2.4
TRO	SNR=293			IvMs_BB	IvMs_BB	06 29 11.2	
MDH	SNR=6.0	Madha	76.18 292	iP	P	05 43 38.0	-2.0
M02C	SNR=6.0	Callahan	76.22 51	P	P	05 43 40.5	+0.4
M02C	SNR=6.0			S	S	05 53 25.5	+1.5
MASF	SNR=10	Masafi	76.27 292	P	P	05 43 40.7	+0.1
MASF	SNR=10			P	P	05 43 40.7	+0.1
MSFE	SNR=17	Esma-Masafi	76.27 292	iP	P	05 43 39.4	-1.2
L04D	SNR=17	Klamath Falls	76.28 50	P	P	05 43 40.3	-0.1
VRH	SNR=17	Novokhoporski	76.36 321	eP	pmax	05 43 39.8	-0.7
VRH	SNR=17			pmax	pmax		
VRH	SNR=17			MLR	MLR		
UOSS	SNR=11	Minazif	76.39 291	iP	P	05 43 39.4	-1.9
BSY	SNR=11	Bisyra	76.41 289	P	P	05 43 40.9	-0.5
BSY	SNR=11			P	P	05 43 40.9	-0.5
SOHO	SNR=51	SOHO	76.43 290	iP	P	05 43 40.0	-1.5
HAWA	SNR=51	Hamford	76.44 45	IAMs_20	IAMs_20	06 14 30.7	
DAG	SNR=51	Danmarks Havn	76.48 356	P	P	05 43 41.3	+0.5
DAG	SNR=51	Danmarks Havn	76.48 356	iP	P	05 43 40.1	-0.7
DAG	SNR=51			IAMB	IAMB	05 43 43.1	
N02D	SNR=7.8	Trinity Center	76.49 51	P	P	05 43 41.9	+0.3
N02D	SNR=7.8			S	S	05 53 27.5	+0.5
K04D	SNR=293	Chiloquin, OR	76.49 49	P	P	05 43 41.9	+0.2
K04D	SNR=293			S	S	05 53 26.6	-0.4
HATD	SNR=31	Hatta, Dubai	76.50 291	iP	P	05 43 40.5	-1.3
HATD	SNR=31			P	P	05 43 41.9	0.0
HATD	SNR=31			P	P	05 43 41.9	0.0
MOS	SNR=51	Moscow	76.57 326	eP	P	05 43 40.5	-1.1
MOS	SNR=51			eS	eS	05 43 50.9	
MOS	SNR=51			eSS	SS	05 53 28.6	+1.6
MOS	SNR=51			pmax	pmax	05 58 28.7	+7.3
MOS	SNR=51			pmax	pmax		
MOS	SNR=51			MLR	MLR		
MOS	SNR=51			MLR	MLR		
MOS	SNR=51			MLR	MLR		
MOS	SNR=51			MLR	MLR		
J05D	SNR=51	Fort Rock, OR	76.58 48	P	P	05 43 42.4	+0.2

J05D	SNR=13			S	S	05 53 28.4	+0.4
ASHO	SNR=13	Ashiyah	76.62 291	iP	P	05 43 41.0	-1.5
ASHO	SNR=13	Ashiyah	76.62 291	P	P	05 43 42.1	-0.4
ASHO	SNR=13			P	P	05 43 42.1	-0.4
O02D	SNR=16	Mt. Diablo Mer	76.74 52	P	P	05 43 43.1	0.0
O02D	SNR=16			S	S	05 53 30.7	+1.0
ARQ	SNR=16	Whiskeytown Da	76.75 290	P	P	05 43 43.0	-0.4
ARQ	SNR=16			P	P	05 43 43.0	-0.4
WDC	SNR=16	Whiskeytown Da	76.76 51	IAMs_20	IAMs_20	06 12 07.5	
M04C	SNR=11	Macdoel	76.77 50	P	P	05 43 43.1	-0.1
M04C	SNR=11			S	S	05 53 30.4	+0.3
NAZ	SNR=7.7	Nazwa, Dubai	76.83 291	iP	P	05 43 42.6	-1.1
NAZ	SNR=7.7			P	P	05 43 43.6	-0.1
NAZ	SNR=7.7			P	P	05 43 43.6	-0.1
FAQ	SNR=10	Al Faqa, Dubai	76.98 291	iP	P	05 43 44.0	-0.6
FAQ	SNR=10			P	P	05 43 44.1	-0.4
FAQ	SNR=10			P	P	05 43 44.1	-0.4
HOPS	SNR=5.9	Hopland Field	77.01 53	IAMs_20	IAMs_20	06 19 23.3	
ALNE	SNR=12	Al Ain	77.12 291	iP	P	05 43 44.0	-1.3
ALNE	SNR=12			P	P	05 43 45.3	-0.1
ALNE	SNR=12			P	P	05 43 45.3	-0.1
ASUD	SNR=21	Al Ashush, Dub	77.25 291	P	P	05 43 45.1	-0.9
LPSR	SNR=21	Galich'ya Gora	77.31 323	eP	pmax	05 43 45.5	-0.3
LPSR	SNR=21			MLR	MLR		
O03E	SNR=9.1	Paynes Creek	77.39 51	P	P	05 43 46.5	-0.2
O03E	SNR=9.1			S	S	05 53 35.7	-1.1
OBN	SNR=294	Obrinsk	77.39 326	eP	P	05 43 45.7	-0.6
OBN	SNR=294			S	S	05 43 55.5	
OBN	SNR=294			i	i	05 46 41.9	
OBN	SNR=294			iSS	SS	05 53 29.4	-6.6
OBN	SNR=294			pmax	pmax	05 58 32.0	-1.8
OBN	SNR=294			MLR	MLR		
MCCM	SNR=19.0s	Marconi Confer	77.48 54	IAMs_20	IAMs_20	06 13 12.9	
VORR	SNR=2.250nm,2.0s	Voronezh	77.57 322	P	pmax	05 43 45.0	-2.3
VORR	SNR=2.250nm,2.0s			P	pmax		
DDFL	SNR=2.250nm,2.0s	Dedoflistskaro	77.64 310	P	P	05 43 50.8	+2.7
MODF	SNR=2.250nm,2.0s	Modoc Plateau	77.77 49	IAMs_20	IAMs_20	06 16 05.2	
VSR	SNR=1.2s	Storzhevoye	77.80 321	eP	pmax	05 43 47.7	-0.9
VSR	SNR=1.2s			MLR	MLR		
VSR	SNR=1.2s			MLR	MLR		
VORD	SNR=1.2s	Divnogorie	77.84 321	eP	pmax	05 43 47.8	-1.1
VORD	SNR=1.2s			pmax	pmax		
ORV	SNR=18.0s	Orville	77.90 52	IAMs_20	IAMs_20	06 18 15.8	
PUL	SNR=18.0s	Pulkovo	77.99 331	eP	pmax	05 43 50.0	+0.5
PUL	SNR=18.0s			MLR	MLR		
PUL	SNR=18.0s			MLR	MLR		
GOF	SNR=18.0s	Gofitskoye	78.17 314	iP	pmax	05 43 51.1	+0.2
GOF	SNR=18.0s			pmax	pmax		
STEI	SNR=1.3s	Steigen	78.31 342	eP	P	05 43 52.8	+1.7
STEI	SNR=1.3s			eS	S	05 53 46.2	+0.7
STEI	SNR=1.3s			IvMs_BB	IvMs_BB	06 23 24.2	
GUDG	SNR=17.5s	Gudauri	78.33 312	P	P	05 43 53.8	+1.7
ZEI	SNR=17.5s	Tsey	78.58 312	eP	pmax	05 43 51.1	-2.3
ZEI	SNR=17.5s			pmax	pmax		
LOF	SNR=1.5s	Lofoten	78.63 343	eP	IvMBBB	05 43 52.2	-0.7
LOF	SNR=1.5s			eS	S	05 53 49.7	+0.8
LOF	SNR=1.5s			IvMs_BB	IvMs_BB	06 23 49.9	
WVOR	SNR=19.0s	Wild Horse Val	78.67 48	IAMs_20	IAMs_20	06 17 33.9	
FAUS	SNR=6.4s	Fauske	78.68 342	eP	IvMB_BB	05 43 53.8	+0.6
FAUS	SNR=6.4s						

20d 5h

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like TBI Tubuai, ISAL Salakas, MPMCM Manua, etc.

2015 NOV

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like DOMB, NB201 NORARS Array S, BW06 Boulder Array, etc.

1250

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, etc.

1251

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like ISP, MORC, PSZ, etc.

2015 NOV

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like CKRC, KOVH, KHC, etc.

2020 5h

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like AQU, TIP, JCT, etc.

20d 6h

Table with columns: WMOK, Wichita Mounta, 1.91 188 P, Pn, 06 13 23.6 +0.8, etc. Lists various weather stations and their data.

2015 NOV

Table with columns: TXAR, Lajitas Array, 8.49 213 Pn, Pn, 06 14 53.3 -0.1, etc. Lists various weather stations and their data.

1254

Table with columns: KNRA, Kununurra, 16.50 176 Pn, Pn, 06 29 25.8 -2.3, etc. Lists various weather stations and their data.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Lummi Island, Rockport, Kapowins, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WOSS, Brooks Peninsula, Sale Mountain, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Kazernov, Shiraz, etc.

20d 7h

NEIC 20 06:44:33.2, 2.5, 36.199N, 0.04:141.1E, 0.1, h50km, 7km, mb4.2/6 Error ellipse: s-maj=12.6km s-min=2.8km az=110.0

ISC 20 06:44:32.1, 1.1, 36.99N, 0.04:141.21E, 0.07, h45km, 9km, m65, c0.95/67, mb4.1/21, 10D, Near east coast of eastern Honshu

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

2015 NOV

Main table listing seismic events with columns: ULHL, Ulahol, SNR, Az, Phase ID, Time, Res, ISC. Includes event details like '20 06:49:16.3, 0.2, 51.83N, 99.61E'.

1256

Table listing seismic stations and their recorded data for the event, including station names like Tyrgan, Fotonovo, Khuramsha, etc.

JMA 20 07:06:16.5, 0.1, 26.37N, 143.13E, h0km, M5.0
JMA Felt J1
BUJ 20 07:06:18.0, 0.0, 26.05N, 142.88E, h30km, mB5.0/16, mb4.5/38, Ms4.6/6, Ms7.4/5.6
IDC 20 07:06:18.7, 0.2, 26.30N, 142.55E, h0km, mb4.3/22, mb1.4/5.25, mb1mx4.3/48, mbtmp4.3/25, ML3.7/3, MS3.8/6, Ms1.3/9.6, ms1mx3.4/59, Error ellipse: s-maj=21.1km s-min=14.3km az=73.0
MOS 20 07:06:20.1, 0.2, 26.37N, 142.44E, h17km, mb4.9/29, Error ellipse: s-maj=13.8km s-min=5.7km az=114.3
NEIC 20 07:06:21.6, 1.3, 26.45N, 0.05:142.5E, 0.1, h10km, 1km, mb4.9/35, Error ellipse: s-maj=20.8km s-min=2.9km az=64.0
ISC 20 07:06:24.0, 0.5, 26.43N, 0.05:142.60E, 0.07, h31km, m156, c0.17/161, mb4.8/59, MS4.1/4, 11C-2D, Bonin Islands region

BYKL 20 06:49:16.3, 0.2, 51.83N, 99.61E
ISC 20 06:49:15.4, 1.3, 51.86N, 0.04:99.78E, 0.03, h4km, 10km, n26, c243/57, 1C-1D, Tuva-Buryatia-Mongolia border region

Table listing seismic stations and their recorded data for the event, including station names like Haha-jima-NKT2, Chichijima, Boso 4, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Nanjing, WAKE ISLAND, Songino Array, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like AAK, ILAR, FORT, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like AML, BTK, TRKS, etc.

KRNET 20 07:13:06 1.0, 1, 40:36N-73:19E, h12km, mb2.9
ISU 20 07:13:06 40:30N-73:20E, h5km
NNC 20 07:13:07 62.6, 40:44N-73:39E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=18.0km s-min=16.6km az=156.0
SOME 20 07:13:09 5, 40:53N-73:27E, h5km
ISC 20 07:13:05 6.1, 1, 40:38N-100:23E, h1km, 12km,
n35, r173/64, 31C-3D, Kyrgyzstan

NNC 20 07:18:31 9.0, 0.7, 50:02N-78:74E, h5km, 9km, mb3.4,
mpv3.1, Error ellipse: s-maj=6.7km s-min=5.2km az=48.0,
Suspected Missing Operation.
IDC 20 07:18:33 2.1, 2.5, 05:06N-78:80E, h0km, mb1.3, 1/2,
mb1mx3.0/42, mbmp3.1/2, ML2.7/2, Error ellipse:
s-maj=13.3km s-min=7.9km az=64.0
ISC 20 07:18:32 6.0, 9, 50:02N-100:05E-78:74E, h0km, 11, n13,
r198/17, 13C-2D, Eastern Kazakhstan

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

20d 8h

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H46RU, ZALV, and MKAR.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like E004, ARBE, VJF, and MEF.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FIA1, EE06, and REF.

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

2015 NOV

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BRG, RUE, GKP, and MORC.

1258

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KOLS, BLEU, KBA, and UZH.

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

1259

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KAN13 South Haven SW, BLOK Blackwell, OK029 Liberty Lake, etc.

ISC 20 08:06:34.6±1.6, 49°17'N, 0°05:18.91'E±0.04, h8km±16km, n5, 0876/10, Czech and Slovak Republics

2015 NOV

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VYHS, KOLL Kolacno, JAVC Velka Javorina, etc.

ISC 20 08:06:34.6±1.6, 49°17'N, 0°05:18.91'E±0.04, h8km±16km, n5, 0876/10, Czech and Slovak Republics

20d 8h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, EVR Evrytania, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Winter Ranch, Salt Plains WL, Carrier, Manchester OK, Grant County #, etc.

IDC 20 08:36:01.0:16.0, 17.12S:178.84W, h470km, 195km, mb2.9/6, mb1 3.3/6, mb1mx3.0/32, mbtmp3.8/6, 1D, Error ellipse: s-maj=107.3km s-min=49.8km az=166.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Stephens Creek, Warrungana Arr, Alice Springs, Eielson Array, etc.

IDC 20 08:44:24.9:1.3, 9.70S:123.53E, h112km, 9km, mb3.1/1, s-maj=77.9km s-min=22.0km az=66.0, Timor region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Baumata, Fitzroy Crossi, Warrungana Arr, etc.

IDC 20 08:44:32.2:7.3, 6.97S:147.64E, h77km, 67km, mb3.1/1, mb1 3.3/3, mb1mx3.0/45, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=94.6km s-min=54.4km az=119.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Port Moresby, Warrungana Arr, Alice Springs, etc.

INET 20 08:45:34.1, 10.36N:84.12W, h133km, MW3.2 UCR 20 08:45:39.3:1.1, 10.34N:84.11W, h120km, 2km, MW3.8, 9C-1D, Costa Rica

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Heredia, San Ramn, Coope Vega, etc.

IDC 20 08:50:40.6:14.0, 29.79S:178.25E, h0km, mb3.9/3, mb1 4.2/4, mb1mx3.8/34, mbtmp4.1/4, ML4.8/1, Error ellipse: s-maj=267.1km s-min=44.1km az=85.0

WEL 20 08:51:09.6:1.6, 32.77N:18.0E, h120km, 12km, M4.3/22, mb4.8/19, ML5.0/24, MLv5.0/22, Mw(mb)4.1/19, Error ellipse: s-maj=0.0km s-min=0.0km az=110.2

ISC 20 08:51:05.1:1.1, 31.75S:008.179.8E, 0.1, h350km, n51, az=22/66, mb3.3/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes station Green Lake.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Matakaoa Point, Waipu Cavates, Waiaomatani S, etc.

IDC 20 09:04:22.3:31.0, 25.61N:142.71E, h600km, 358km, mb2.7/4, mb1 2.8/4, mb1mx2.5/33, mbtmp3.7/4, Error ellipse: s-maj=331.7km s-min=27.3km az=74.0, Volcano Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Warrungana Arr, Alice Springs, Zalesovo Beam, etc.

IDC 20 09:12:02.5:0.7, 65.49N:134.11W, h0km, mb3.8/4, mb1 4.0/8, mb1mx3.7/36, mbtmp3.8/8, ML4.1/3, Error ellipse: s-maj=12.3km s-min=10.3km az=62.0

PGC 20 09:12:03.6:0.0, 65.45N:134.03W, h5km, ML3.5/13, 222km south of Fort McPherson, Nt Northern Yukon Territory, Canada

ANF 20 09:12:04.5:0.5, 65.45N:134.06W, h22km, 4km, ML4.2/18, Error ellipse: s-maj=2.1km s-min=1.6km az=71.0

ISC 20 09:12:00.5:1.3, 65.49N:003.133.84W, h0.03, h5km, 9km, n83, az=62/142, mb4.0/4, Northern Yukon Territory

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Eagle Plains, Ogilvie Camp, Klondike Camp, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like L27K, Beaver Creek, BVCY, etc.

TAP 20 09:12:13.3:24.78N:121.92E, h7km, ML3.2, B3 JMA 20 09:12:13.3:24.80N:121.89E, h35km, 3km, M3.1 ISC 20 09:12:12.6:0.8, 24.82N:102.121.96E, 0.02, h14km, 5km,

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC), and various station identifiers like EGS, NTC, NTA, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC), and various station identifiers like WHP, NMLH, ES, etc.

NOU 20 09:19:36.6, 17.88S-167.27E, h32km, MLV4.7/16, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC), and various station identifiers like DVP, RTV, SAR, etc.

NEIC 20 09:26:08.4, 1.7, 34.36N, 0.06, 68.92E, 0.07, h10km, n21, mb3.5/3, Error ellipse: s-maj=9.5km s-min=7.5km az=124.0

ISC 20 09:26:08.0, 1.9, 34.35N, 0.09, 68.9E, 0.1, h10km, n21, +174/24, Southeastern Afghanistan

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC), and various station identifiers like KBL, NIL, CHGR, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC), and various station identifiers like MAKZ, MKAR, etc.

TIR 20 09:33:12.6, 38.57N-20.60E, h16km, 21km, M1.0 PDG 20 09:33:13.8, 0.7, 38.66N-20.46E, h13km, 1km, MD4.8/2, ML4.8/13, Error ellipse: s-maj=0.7km s-min=1.0km az=82.0 MOS 20 09:33:13.7, 1.3, 38.70N-20.35E, h15km, mb5.0/29, MS4.1/8, Error ellipse: s-maj=4.3km s-min=2.3km az=85.2 IDC 20 09:33:13.3, 0.5, 38.75N-20.48E, h0km, mb4.4/31, mb1.4.5/44, mb1mx4.5/63, mbtmp4.4/44, ML4.2/12, MS3.8/41, Ms1.3.6/41, ms1mx3.7/67, Error ellipse: s-maj=10.7km s-min=9.6km az=162.0 UPSL 20 09:33:14.8, 38.64N-20.58E, h10km, Mw4.5, Moment Tensor Solution, s8 Moment tensor: Mrr-0.99; Mww4.97; Mxy-3.98; Mxz5.2; Mxz5.34; Myz-1.10; Fault plane solution: NP1:0.289.00000, 0.885.00000, -1.22.00000. NP2:0.21.00000, 0.688.00000, -1.175.00000. THE 20 09:33:14.5, 38.64N-20.54E, h11km, ML4.8/12 Error ellipse: s-maj=0.9km s-min=0.3km az=8.0 BEO 20 09:33:14.1, 0.4, 38.64N-20.30E, h0km, ML4.5/18 GCMT 20 09:33:14.8, 0.4, 38.55N-0.02, 20.53E, 0.02, h20km, 1km, MW4.7/71, Moment Tensor Solution, s6,c6; s71,c97; Duration: 0 Moment Tensor Solution: Scale 1019Nm; Mrr-0.31e+10; Mxx1.36e+09; Myy-1.05e+07; Mzz-0.12e+14; Mxy0.97e+06; Mxz-0.10e+14; Best double couple: 1.14; 55300e+1016 NP1:0.296.00000, 0.885.00000, -1.1.00000. NP2: 0.206.00000, 0.889.00000, -1.175.00000. Principal axes: T 1.7120, Plg4.0000, Azm161.0000; N -0.3180, Plg85.0000, Azm16.0000; P -1.3940, Plg3.0000, Azm251.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function ATH 20 09:33:14.8, 38.64N-20.58E, h11km, 1km, ML4.6/15 Error ellipse: s-maj=1.6km s-min=0.8km az=283.0 MED_RC 20 09:33:15.0, 0.2, 38.62N-20.50E, h19km, Mw4.7/30, Moment Tensor Solution, Mantle waves: s30,c49; Duration: 1s1 Moment tensor: Scale 1019Nm; Mrr-0.18e+11; Mxx1.20e+09; Myy-1.03e+06; Mzz-0.08e+13; Mxy1.09e+05; Mxz0.24e+11; Best double couple: M01.58000e+1016 NP1:0.293.00000, 0.880.00000, -1.2.00000. NP2:0.23.00000, 0.688.00000, -1.170.00000. Principal axes: T 1.6600, Plg5.0000, Azm157.0000; N -0.1600, Plg80.0000, Azm36.0000; P -1.5000, Plg8.0000, Azm248.0000; nsta1 refers to body waves, nsta2 refers to surface waves, cutoff=35s. NEIC 20 09:33:15.2, 3.0, 38.65N, 0.06, 20.44E, 0.01, h10km, 1km Error ellipse: s-maj=9.8km s-min=2.9km az=183.0 HLW 20 09:33:15.6, 37.87N-19.43E, h11km, 1km, Mw5.0, M14.8 ISC 20 09:33:14.7, 0.7, 38.64N, 0.01, 20.52E, 0.02, h10km, 4km, n726, t158/797, mb4.6/82, MS3.9/31, 139C-117D, Fault plane solution: NP1:0.307.26816, 0.889.70934, -1.4.26155. NP2:0.217.24651, 0.885.73851, -1.179.70853. Principal axes: T Plg3.2178, Azm172.3363; N Plg85.7286, Azm311.1629; P Plg2.8061, Azm82.1784; Greece

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC), and various station identifiers like DRAG, EVGI, NYDR, FSK, LK2D, etc.

20d 9h

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Table with columns: IGT, Ioumenitsa, 0.90 351, P, Pg, 09 33 30.9 -1.2, TIR, comp=N,6720um,1.1s, AML, AML, MTTG, Motta San Giov, 3.85 262, P, Pn, 09 34 14.1 +0.2

Table with columns: TIR, comp=N,6720um,1.1s, AML, AML, MTTG, Motta San Giov, 3.85 262, P, Pn, 09 34 14.1 +0.2

Table with columns: MTTG, Motta San Giov, 3.85 262, P, Pn, 09 34 14.1 +0.2

20d 10h

Table with columns: AAK, Ala-Archa, 4.62 283, Pg, Pb, 10 07 59.2 +0.9

NNC 20 10:19:57.2-1.9, 51.83N, 75.45E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=26.3km s-min=12.0km az=18.0, Suspected Mining explosion.

ISC 20 10:19:58.2-5.4, 51.64N, 75.45E, h0km, mb1 2.9/2, mb1mx2.7/4.5, mbmp2.9/2, ML2 1/2, Error ellipse: s-maj=58.3km s-min=28.0km az=80.0

ISC 20 10:19:58.1-1.2, 51.65N, 07.75, 42E, h0km, n8, 0567/10, 3C-6D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

IDC 20 10:21:03.9-1.0, 23.46N, 121.72E, h0km, mb3.7/6, mb1 3.8/8, mb1mx3.4/4.3, mbmp3.7/8, ML3 1/2, MS3 4/3, Ms1 3.4/3, ms1mx2.7/4.9, Error ellipse: s-maj=32.0km s-min=19.7km az=62.0

JMA 20 10:21:07.0-0.1, 23.53N, 121.52E, h38km, 2km, M3.5

TAP 20 10:21:08.3, 23.55N, 121.54E, h30km, ML4 2, C

ISC 20 10:21:08.5-0.7, 23.54N, 02.121, 59E, 0.02, h32km, 4km, n139, 0511/221, mb3.7/6, 6C-33D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

2015 NOV

Main table with columns: Station Name, Time, Res, ISC, Station Name, Time, Res, ISC

1266

Table with columns: Station Name, Time, Res, ISC, Station Name, Time, Res, ISC

20d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SRU San Rafael Swe, KKR Karatay Array, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 20 11:22:03.8, ANF 20 11:22:05.0, NEIC 20 11:22:05.1, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OK029 Liberty Lake, BK0C Bluff Creek, OK009 Oakdale Elemen, etc.

1268

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FCAR Ozark Folk Cen, WHAR Woolly Hollow, W41B Gary Mavity, etc.

20d 15h

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like Labuha, Sanana, Cibinong, Sorong, Gorontalo, Tana Toraja, Warramunga Arr, Alice Springs, Stephens Creek, Korea Array, Matkanchi Array.

IDC 20 15:23:54.1±1.1, 0.93N, 127.31E, h0km, mb3.8/5, mlp1 4.0/6, mb3.938, mbtm3.8/6, ML3.0/1, Error ellipse: s-maj=54.2km s-min=19.3km az=68.0

DJA 20 15:23:56.0±0.5, 1.1N, 128.12E, h10km, M3.67, mb3.9/1, MLV3.5/7

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like Labuha, Sanana, Cibinong, Sorong, Warramunga Arr, Alice Springs, Stephens Creek, Korea Array, Matkanchi Array.

ROM 20 15:26:46.6±0.1, 43.469N, 0.004E, 11.029E, 0.006, h7km, ML1.5/3, 4C-8D, Error ellipse: s-maj=0.5km s-min=0.4km az=52.0, Central Italy

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like Osservatorio P, Carmignano, Rufina, Mastiano, Castiglione de Arcidosso, Equi, Peglio, Mantova, Bobbio, Fiamignano, Arcidosso, Offida, Capriano del C.

2015 NOV

Table with columns: QLNO, EUCAT, VARA, MIDA, KOSI, BOSI, STAL, LSTL, TREM, PAOL, SGRT, SGRF, MCEI, KOGES, TDS, ISTR, SP52, VPL, PLLN, GALF. Includes stations like Quiliano, Pavia, Varagna, Miranda, Botzano, Stalagio del Serru, Isola Tremiti, San Giovanni R, Monticello, Bolzano, Terranova Siba, Stromboli Gino, Stromboli F, Spiezano della Vellezzano Piano, Pollina, Gagliano Caste.

ROM 20 15:27:16.9±0.2, 43.632N, 0.004E, 12.358E, 0.004, h8km, 1km, Md1.1/5, Error ellipse: s-maj=0.4km s-min=0.2km az=189.0, Central Italy

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like PARCHI, BADI, PIEIA, PIEI, PIEI, AVT - Monte Val, Carpegna, Pietralunga, AVT - Monte Val, Frontone, Monte Paganucco, FSSB, SSFR, MURB, ATTE, SFI, SNTG, MTL1, ASSB, SENI, LMD, CING, MGAB, FDMO, FIR, NRCA, CESX, FNVD.

1272

Table with columns: LNSS, ZCCA, POPM, SMA1, GUMA, RM33, CAMP, BDI, TERO, SRES, GIGS, AQU, VCLC, MTCE, FAGN, CERT, T010, SBPO, PTQR, CELB, RMP, MA9, RDP, VIVA, GUAR, LAV9. Includes stations like Leonessa, Zocca, Popiglio, SAN MARTINO, Gualdo di Mace, Pellescritta, Campotosto, Bagni Di Lucca, Teramo, Sorreste - Sor, Gran Sasso, L'Aquila, Villacollemand, Montecelio, Fagnano, Cerreto, Collepietro, S. Benedetto Po, Pietraquaria, S. Piero in Cam, Rome, Mte Porz, Rocca di Papa, Prato di V.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VVLD, LPEL, RNL2, etc.

KRSZO 20 15:27:48.3±0.9, 43°62'N, 18°35'E, h3km±8km, ML2.8/7, Error ellipse: s-maj=2.6km s-min=2.3km az=146.0

PDG 20 15:27:49.0±0.1, 43°58'N, 18°39'E, h4km, ML2.5/12, Error ellipse: s-maj=0.2km s-min=0.2km az=0.0

RHSSO 20 15:27:49.5±0.2, 43°62'N, 18°39'E, h4km±2km, ML2.6/13 BEO 20 15:27:49.8±0.3, 43°53'N, 18°34'E, h7km±4km, ML2.5/8,

15C-10D, Northwestern Balkan Peninsula

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

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

NOU 20 15:31:24.3±27.59S, 177°42'W, h260km, mb4.5/23, Kermadec Islands Region

ICD 20 15:31:25.9±0.0, 27°33'S, 178°28'W, h227km, mb3.8/15, mb1.4/17, mb1mx3.9/33, mbtmp4.4/17, Error ellipse: s-maj=15.9km s-min=11.9km az=73.0

ISC 20 15:31:26.7±0.6, 27°97'S, 0°06', 178°1'W, 0°1', h250km, n64, ±253/61, mb4.0/15, Kermadec Islands region

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

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

ICD 20 15:35:20.3±1.8, 29°68'N, 141°29'E, h0km, mb3.4/3, mb1.3/6.4, mb1mx3.4/40, mbtmp3.5/4, ML2.6/1, Error ellipse: s-maj=5.0km s-min=10.3km az=80.0, Southeast of Honshu

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

ICD 20 15:37:39.7±1.8, 0°69'N, 126°75'E, h0km, mb3.4/3, mb1.3/7.3, mb1mx3.4/34, mbtmp3.5/3, Error ellipse: s-maj=198.5km s-min=13.2km az=66.0, Northern Molucca Sea

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

ICD 20 15:38:25.2±1.1, 1°12'N, 127°38'E, h0km, mb3.5/3, mb1.3/7.4, mb1mx3.4/36, mbtmp3.5/4, ML3.0/1, Error ellipse: s-maj=18.2km s-min=14.7km az=35.0, Halmaehera

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

TUL 20 15:42:32.0±0.9, 36°51'N, 0°02'-98°61'W, 0°04', h5km, 7km, ML3.3, mb, Lg2.8/32(NEIC), Error ellipse: s-maj=4.6km s-min=2.0km az=62.0

NEIC 20 15:42:32.5±1.0, 36°49'N, 0°02'-98°59'W, 0°04', h5km, 2km, Error ellipse: s-maj=6.1km s-min=3.4km az=82.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, OK032, CROK, etc.

IDC 20 16:08:25.2+1.2, 7.61S, 117.11E, h305km, 12km, mb3.6/14, mb1.3/7.19, mb1mx3.5/5.0, mbtmp4.3/1.9, Error ellipse: s-maj=16.2km s-min=9.4km az=55.0, DJA 20 16:08:25.8+0.2, 8.5+4.11 7E.1, h296km, 3km, M4.0/1.9, mb4.2/16, mb4.6/10, ML2.5/1.9, Mw(mB)3.9/1.0, ISC 20 16:08:25.1+0.5, 7.72S, 0.06+117.09E, 0.05, h302km, n69, a=132/75, mb4.0/23, Bali Sea

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

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

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

Table with columns for station ID, name, coordinates, and elevation. Includes stations like ULM Lac du Bonnet, SCHQ Schefferville, URS1 San Rafael Swe, etc.

Table with columns for station ID, name, coordinates, and elevation. Includes stations like YBH Yreka Blue Hor, I05D Terrence, J04D Umpqua Nationa, etc.

Table with columns for station ID, name, coordinates, and elevation. Includes stations like L27K Bering Glacier, BGLC Bering Glacier, DAG Danmarks Havn, etc.

20d 18h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like DPC Dobruska-Polom, KRLC Kraliky, SDPT Sand Point, etc.

BEO 20 18:07:36.9-4.5, 38.10N, 20.26E, h100km, 3km, ML3.4/7
ATH 20 18:07:37.5, 38.46N, 20.48E, h14km, ML3.3/15, Error ellipse: s-maj=1.4km, s-min=0.6km, az=278.0

THE 20 18:07:37.1, 38.46N, 20.45E, h14km, ML3.6/12, Error ellipse: s-maj=0.9km, s-min=0.2km, az=285.0

ISC 20 18:07:36.4-0.9, 38.47N, 0.02-20.43E, 0.03, h18km, 3km, n79, r1514/112, Grece

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like FSK Fiskardo, FSK Fiskardo, FSK Fiskardo, etc.

2015 NOV

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like PVO Paravola, PVO Paravola, PVO Paravola, etc.

NEIC 20 18:08:39.5-1.2, 59.85N, 0.02-152.92W, 0.06, h100km, 4km, Error ellipse: s-maj=5.0km, s-min=2.2km

ANF 20 18:08:39.8-0.3, 59.82N, 152.93W, h96km, 3km, ML3.5/39, Error ellipse: s-maj=2.8km, s-min=2.5km, az=164.0

AEIC 20 18:08:41.1-6.5, 59.83N, 0.05-152.90W, 0.04, h93km, 4km, ML3.1, 1120(NEIC), Error ellipse: s-maj=6.8km, s-min=3.0km, az=189.0

ISC 20 18:08:39.4-1.4, 59.81N, 0.04-152.91W, 0.04, h102km, 7km, n197, r0872/226, Southern Alaska

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ILS Iliamna Low So, ILS Iliamna South, ILS Iliamna South, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like O19K, O19K, O19K, etc.

1280

20d 18h

Table with 4 columns: CACV, CAICARA DEL OR, 4.84 101 eP, Pb, 18 39 59.2 -3.5

KRNET 20 18:42:18.1+0.1, 40.37N, 73.23E, h14km, mb3.4
ISU 20 18:42:18.40, 30N, 73.20E, h0km
KNET 20 18:42:19.9+0.5, 40.47N, 73.30E, h9km, mb3.1, Error

SOME 20 18:42:19.2, 40.53N, 73.27E, h0km
NINC 20 18:42:22.3, 1.4, 40.57N, 73.24E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=11.1km s-min=6.5km az=173.0

ISC 20 18:42:17.1+1.1, 40.42N, 0.02, 73.30E, 0.02, h2km, 11km, n61, s1525/105, 36C-12D, Kyrgyzstan

Main table for 20d 18h section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

2015 NOV

Table for 2015 NOV section with columns: MTBS, CHGR, CHGR, TNS5, TNS5, TNS5, TNS5, MDOK, MDOK, MDOK, MDOK, KOTS, KOTS, KOTS, KUU, KUU, KUU, KUU, KTBS, KTBS, KTBS, CHKK, CHKK, CHKK, CHKK, SATY, SATY, BTLS, BTLS, BTLS, UZB, UZB

REN 20 18:48:07.5+2.0, 36.52N, 0.03, 113.53W, 0.05, h12km, 5km, Error ellipse: s-maj=6.5km s-min=4.5km az=111.0

NEIC 20 18:48:07.2+2.0, 36.51N, 0.03, 113.54W, 0.03, h9km, 8km, ML2, 9/93, ML2, 8/7(REN), Error ellipse: s-maj=4.5km s-min=3.7km az=184.0

ANF 20 18:48:07.0+1.3, 36.48N, 113.52W, h4km, 10km, ML3, 1/20, Error ellipse: s-maj=4.0km s-min=2.9km az=149.0

ISC 20 18:48:06.6+1.3, 36.53N, 0.02, 113.52W, 0.02, h1km, 14km, n69, s1338/78, Western Arizona

Main table for 2015 NOV section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Table for 2015 NOV section with columns: Y14A, FURC, X16A, X16A, X16A, QSM, HEC, HEC, GSC, GSC, GSC, Q16A, Q16A, Q16A, BELC, MPMC, BC3, TPH, W18A, W18A, W18A, X18A, GLA, GLA, GLA, P17A, P17A, P17A, DUG, DUG, DUG, 113A, 113A, PFO, PFO, EDW2, EDW2, P18A, P18A, P18A, MVCO, MVCO, ISA, NV11, MURC, LHV, LHV, KVN, KVN, ELK, RYN, RYN, RYN, MDPB, MDPB, 214A, 214A, 214A, BAR, BAR, BAR, TUC, TUC, TUC, RDMU

SJA 20 18:56:30.3, 0.23, 10S, 0.07, 66.7W, 0.1, h229km, 6km, Error ellipse: s-maj=0.0km s-min=0.0km az=160.0

NEIC 20 18:56:30.8+2.3, 23.14S, 0.07, 66.7W, 0.1, h212km, 8km, mb4, 0/8, Md3, 7(SJA), Error ellipse: s-maj=14.2km s-min=10.3km az=79.0

GUC 20 18:56:31.2, 0.5, 23.09S, 66.95W, h250km, ML4.0, IDC 20 18:56:37.9+1.0, 22.05S, 66.43W, h250km, 83km, mb3.3/2, mb1, 3.5/2, mb3.3/16, mbmp4.0/3, Error ellipse: s-maj=125.5km s-min=27.6km az=19.0

ISC 20 18:56:30.1+0.7, 23.12S, 0.05, 66.73W, 0.07, h223km, 8km, n50, s1282/62, mb4.0/5, 12C-2D, Jujuj Province

Main table for 2015 NOV section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PB14, PB14, PB08, etc.

TUL 20 19:12:08.71.4.36:27N.0:02:96:66W.0:05,h3km,3km, ML2.6,mb,Lg2.09(NEIC),Error ellipse: s-maj=5.4km s-min=3.2km az=80.0

NEIC 20 19:12:09.01.3.36:28N.0:02:96:69W.0:02,h8km,7km, Error ellipse: s-maj=3.2km s-min=2.4km az=192.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like QUOK, OK031, OK030, etc.

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

INET 20 18:57:57.7, 10:27N,84:34W,h6km,MW3.2 UCR 20 18:58:01.3,1.2,10:11N:84:38W,h7km,3km,MW4.2

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SR1A, HDC, FORC, etc.

CNRW 20 19:32:31.1, 37:20N.2:11W,h0km,m12.1 MDD 20 19:32:33.0,3.7,37:32N.2:04W,h12km,mbLg2.8/18, Error ellipse: s-maj=4.3km s-min=2.3km az=142.0, PRXIMO

MDD MES: III INTENSIDAD MAXIMA, INMG 20 19:32:33.6,1.3,37:35N.2:09W,h4km,2km,ML2.7, Error ellipse: s-maj=2.0km s-min=1.8km az=158.0

IGIL 20 19:32:34.9, 37:34N.2:06W,h14km ISC 20 19:32:32.3,1.1,37:36N.0:02:205W.0:02,h15km,9km, n67,c134/125,3C,Spain

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

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

IDC 20 18:58:13.1,4.8,7:54S,124:42E,h262km,56km,mb2.7/1, mb1 2.7/5,mb1mx2.4/27,mbtmp3.2/5, Error ellipse: s-maj=112.7km s-min=25.9km az=25.0,Banda Sea

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

FUNUV 20 19:01:39.6,8:45N,71:33W,h5km,MW3.0 ISC 20 19:01:38.6,1.6,8:51N:0:03:71:30W.0:03,h7km,12km, n22,c134/39,Venezuela

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

CART Cartagena, 0.87 75 P Pn 19 32 49.8 -0.2

CART Cartagena, 0.87 75 S Sg 19 33 01.1 +0.6

CART Cartagena, 0.87 75 P Pn 19 32 49.7 -0.2

CART Cartagena, 0.87 75 S Sg 19 33 01.1 +0.6

CART Cartagena, 0.87 75 P Pn 19 32 49.7 -0.2

CART Cartagena, 0.87 75 S Sg 19 33 01.1 +0.6

CART Cartagena, 0.87 75 P Pn 19 32 49.7 -0.2

CART Cartagena, 0.87 75 S Sg 19 33 01.1 +0.6

CART Cartagena, 0.87 75 P Pn 19 32 49.7 -0.2

CART Cartagena, 0.87 75 S Sg 19 33 01.1 +0.6

CART Cartagena, 0.87 75 P Pn 19 32 49.7 -0.2

CART Cartagena, 0.87 75 S Sg 19 33 01.1 +0.6

CART Cartagena, 0.87 75 P Pn 19 32 49.7 -0.2

CART Cartagena, 0.87 75 S Sg 19 33 01.1 +0.6

CART Cartagena, 0.87 75 P Pn 19 32 49.7 -0.2

CART Cartagena, 0.87 75 S Sg 19 33 01.1 +0.6

CART Cartagena, 0.87 75 P Pn 19 32 49.7 -0.2

MESJ Messejana, 4.92 277 eP Pn 19 33 46.4 +0.7

MESJ Messejana, 4.92 277 eS Sg 19 33 46.8 +1.1

MESJ Messejana, 4.92 277 eS Sg 19 34 02.0 -0.4

MESJ Messejana, 4.92 277 eS Sg 19 35 10.6 +0.3

MESJ Messejana, 4.92 277 eS Sg 19 35 13.8

MESJ Messejana, 4.92 277 P Pn 19 33 46.4 +0.7

MDT Midelt, 5.00 206 P Pn 19 33 47.2 +0.3

MDT Midelt, 5.00 206 S Sg 19 34 02.0 -2.4

MD31 MD31, 5.00 207 P Pn 19 33 46.8 -0.1

MD31 MD31, 5.00 207 S Sg 19 34 02.0 -2.5

PMTG Montargil, 5.15 291 eP Pn 19 33 50.1 +1.2

PMTG Montargil, 5.15 291 eS Sg 19 34 47.0 -1.1

PMTG Montargil, 5.15 291 eS Sg 19 35 13.3 -4.4

PMTG Montargil, 5.15 291 eS Sg 19 35 19.5

PNCL Nicolau / Gran, 5.19 280 eP Pn 19 33 50.8 +1.4

PNCL Nicolau / Gran, 5.19 280 eS Sg 19 34 48.1 -0.9

PNCL Nicolau / Gran, 5.19 280 eS Sg 19 35 34.6

MTE Manteigas, 5.25 307 eP Pn 19 33 51.9 +1.6

MTE Manteigas, 5.25 307 eS Sg 19 35 13.3

MORF Marletele, 5.26 271 eS Sg 19 33 51.5 +1.1

20d 20h

IDC 20 19:35:05.71.0, 8.45N, 71.40W, h0km, mb3.5/4, mb1 3.9/7, mb1mx3.5/43, mbtmp3.7/7, ML3.3/3, MS2.9/4, Mst1 2.9/4, ms1mx2.5/30, Error ellipse: s-maj=24.8km s-min=10.2km az=154.0

FUNV 20 19:35:07.1, 8.53N, 71.38W, h1km, MW3.7, ISC 20 19:35:06.8, 1.1, 8.54N, 0.03, 71.37W, 0.02, h9km, 82km, n56, c1864/90, mb3.6/4, MS2.8/3, Venezuela

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

NEIC 20 19:48:44.1, 1.8, 7.41S, 0.06, 105.27E, 0.06, h10km, 4km, mb4.8/45, Error ellipse: s-maj=9.2km s-min=8.3km az=119.0

IDC 20 19:48:45.2, 0.7, 6.84S, 105.81E, h0km, mb3.3/21, mb1 4.3/22, mb1mx4.1/63, mbtmp4.3/22, ML5.0/1, MS3.7/4, Mst1 3.8/4, ms1mx3.2/35, Error ellipse: s-maj=29.5km s-min=13.1km az=42.0

DJA 20 19:48:51.2, 0.7, 7.3, 101.6E, h47km, 3km, M4.5/24, mb5.1/7, mb4.8/24, ML4.5/18, MW(m)B4.5/7

ISC 20 19:48:47.6, 0.4, 7.47S, 0.04, 105.34E, 0.04, h35km, n133, c1868/135, mb4.6/45, MS3.8/5, 1D, Jawa

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

2015 NOV

Main table with columns: LHSI, Station Name, 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, Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

FUNV 20 20:00:32.7, 8.46N, 71.40W, h5km, MW3.0, ISC 20 20:00:32.4, 1.2, 8.52N, 0.04, 71.39W, 0.03, h11km, 10km, n24, c1921/39, Venezuela

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

IDC 20 20:03:01.4, 1.1, 7.00S, 105.56E, h0km, mb4.1/4, mb1 4.2/15, mb1mx3.9/53, mbtmp4.2/15, ML5.2/1, MS3.7/13, Mst1 3.7/13, ms1mx3.4/36, Error ellipse: s-maj=45.2km s-min=13.9km az=45.0

NEIC 20 20:03:05.2, 2.6, 7.44S, 0.05, 105.32E, 0.08, h29km, 5km, mb4.8/29, Error ellipse: s-maj=11.5km s-min=5.9km az=110.0

DJA 20 20:03:06.0, 0.4, 7.3, 101.6E, h44km, 4km, M4.5/14, mb4.5/12, mb5.1/2, ML4.4/14, MW(m)B4.4/2

ISC 20 20:03:05.0, 5.7, 3.55S, 0.05, 105.41E, 0.05, h35km, n88, c1852/82, mb4.4/27, MS3.7/12, Jawa

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

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LWLI Liwa, KLSI Cimerak, CMJI Maura Dua, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MLR Muntele Rosu, TXAR Lajitas Array, etc.

NIED 20:20:13.01.2.0.31.37N, 128.70E, h14km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm...

JMA 20:20:13.01.2.0.31.37N, 128.70E, h15km, 3km, M3.7, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GUC 20:20:00.0.0.7, 31.00S, 71.33W, etc.

IDC 20:28:51.9.1.6.7.88S, 117.70E, h0km, mb3.2/3, m1.5/3, mb1mx3.3/3, mbtmp3.3/3, Error ellipse: s-maj=123.6km s-min=11.9km az=49.0, Bail Sea

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

IDC 20:30:32.0.3.0.1.6.76S, 174.26W, h102km, 29km, mb3.9/6, mb1.4/7, mb1mx3.735, mbtmp4.3/7, Error ellipse: s-maj=35.7km s-min=21.4km az=126.0

NEIC 20:21:00:33.0.1.1.16.79S, 0.04.173.95W, 0.10, h124km, 10km, mb4.3/21, Error ellipse: s-maj=14.6km s-min=3.1km az=71.0

ISC 20:21:00:32.7.0.6.16.79S, 0.07.173.94W, 0.07, h124km, n39, c134/40, mb4.2/16, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, NIUE Niue, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like VNA Vanda, PSAO Pilbara Seismi, PETK Petropavlovsk, etc.

NEIC 20:21:11.1.3.8.0.8.36.72N, 0.02.98.06W, 0.02, h5km, 2km, Error ellipse: s-maj=3.5km s-min=2.9km az=309.0

TUL 20:21:11.1.3.8.1.2.36.76N, 0.02.98.08W, 0.05, h7km, 5km, ML3.4, mb_Lg3.1/63(NEIC), Error ellipse: s-maj=5.2km s-min=2.4km az=99.0

ANF 20:21:11.1.4.1.0.3.36.76N, 98.05W, h7km, ML3.5/8, Error ellipse: s-maj=3.8km s-min=3.3km az=157.0

ISC 20:21:11.1.4.1.0.1.2.36.74N, 0.02.98.07W, 0.03, h6km, 10km, n7b, c0571/56, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like OK032 Salt Plains W, G02 Great County, KAN14 Manchester Ok, etc.

IDC 20:28:51.9.1.6.7.88S, 117.70E, h0km, mb3.2/3, m1.5/3, mb1mx3.3/3, mbtmp3.3/3, Error ellipse: s-maj=123.6km s-min=11.9km az=49.0, Bail Sea

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

IDC 20:30:32.0.3.0.1.6.76S, 174.26W, h102km, 29km, mb3.9/6, mb1.4/7, mb1mx3.735, mbtmp4.3/7, Error ellipse: s-maj=35.7km s-min=21.4km az=126.0

NEIC 20:21:00:33.0.1.1.16.79S, 0.04.173.95W, 0.10, h124km, 10km, mb4.3/21, Error ellipse: s-maj=14.6km s-min=3.1km az=71.0

ISC 20:21:00:32.7.0.6.16.79S, 0.07.173.94W, 0.07, h124km, n39, c134/40, mb4.2/16, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, NIUE Niue, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNAEA Sanae, INK Inuvik, A36M Sachs Harbour, etc.

SOF 20 22:01:04.3, 41°08'N-24°24'E, h11km, MD2.5
ATH 20 22:01:05.6, 41°17'N-24°20'E, h12km, ML2.1/7, Error ellipse: s-maj=2.0km s-min=0.8km az=219.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KVLA Kavala, KAVA Kavala, NVR Nevrokopi, etc.

ISK 20 22:20:12.9, 37°09'N-28°78'E, h3km, ML1.5/5
DDA 20 22:20:12.6, 37°12'N-28°77'E, h7km, 2km, ML1.6, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DALYN Dalyan (Mula), TAVA DENIZLI Tavass, MUGLA Mugla, etc.

ISK 20 22:20:20.8, 39°12'N-29°52'E, h7km, ML2.0/7
DDA 20 22:20:20.6, 39°08'N-29°48'E, h12km, 1km, ML1.6, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GDZ Gediz, GEDZ Gediz, SHAF Sephane-Kutahya, etc.

KRSC 20 22:26:27.2, 1.9, 48°10'N-156°40'E, h31km, 34km, ML4.1, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, KDTR Khodutka, etc.

IDC 20 22:40:39.5, 0.5, 37°04'N-97°84'W, h0km, mb4.2/15, mb1.4/21, mb1.1mx3.1/58, mbmtpd4.2/21, ML4.5/4, MS3.4/18, Ms1.3/4/18, ms1mx3.2/67, Error ellipse: s-maj=11.0km s-min=9.6km az=145.0

TUL 20 22:40:40.3, 0.7, 36°94'N-0°10'97.83'W, 0.01, h5km, 3km, ML4.5, mb4.4/11 (NEIC), mb_Lg4.6/120 (NEIC), Mw4.1/73 (NEIC), Error ellipse: s-maj=1.7km s-min=1.3km az=115.0

NEIC 20 22:40:41.0, 0.5, 36°94'N-0°09'97.82'W, 0.01, h1km, 5km, Error ellipse: s-maj=1.5km s-min=1.0km az=140.0

NEIC 20 22:40:40.7, 36°93'N-97.82'W, h5km, Moment Tensor Solution: Moment tensor: Scale 10^15 Nm, M=1.44, Mw1.38, Ms=0.06, Mn=0.53, Mm=0.62, Mw=0.18, Fault plane solution: M1.64000, 1015 NP1.9, 82.13000, 65.448000, lambda-72.56000, NP2.333, 733.000, 839.06000, lambda-112.77000, Principal axes: T 1.6842, P1g8.0000, Azm160.0000, N -0.0927, P1g14.0000, Azm252.0000; P -1.5916, P1g74.0000, Azm41.0000;

ANF 20 22:40:42.5, 1.0, 36°95'N-97°80'W, h29km, 10km, ML5.3/17, Error ellipse: s-maj=2.6km s-min=2.2km az=25.0

ISC 20 22:40:40.1, 0.8, 36°94'N-0°02'97.81'W, 0.02, h8km, 5km, n276, s1920/283, mb4.2/17, MS3.5/10, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GC02 Grant County #, KAN17 Caldwell West, KAN16 Manchester OK, etc.

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

20d 22h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like W41B, W41B Gary Mavity, WHTX Lake Whitney, etc.

2015 NOV

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like O44A Mansfield, W35A Kenedy, W7V Waverly, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SADO Sadova, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

TUL 20 22:51:51.8±0.9, 36°945N±0.009, 97°84W±0.02, h4km, 6km, ML2.5, mb, Lg2.5/6(NEIC), Error ellipse: s-maj=2.3km s-min=1.2km az=106.0

NEIC 20 22:51:52.1±0.6, 36°932N±0.009, 97°83W±0.02, h5km, 5km, Error ellipse: s-maj=2.2km s-min=0.8km az=118.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like GC02 Grant County #, KAN14 Manchester OK, etc.

TUL 20 22:53:47.9±0.7, 36°95N±0.02, 97°85W±0.03, h5km, 7km, ML3.5, mb, Lg3.1/67(NEIC), Error ellipse: s-maj=3.0km s-min=2.7km az=114.0

NEIC 20 22:53:48.1±1.1, 36°91N±0.02, 97°83W±0.03, h4km, 7km, Error ellipse: s-maj=3.3km s-min=2.6km az=58.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like GC02 Grant County #, KAN14 Manchester OK, etc.

Table with columns: ID, Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Rows include stations like KAN03 Salt Plains WL, KAN08 Anthony NE Sta, etc.

IDC 20:22:55:51.1, 0.8, 37.00N:97.84W, h0km, mb4.5/3, mb1.4/3, mb1mx3.762, mbtmp4.0/9, ML3.8/5, MS2.8/1, Ms1=2.8/1, ms1mx2.3/62, Error ellipse: s-maj=13.0km s-min=11.1km az=158.0

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Rows include stations like KAN17 Caldwell West, G002 Grant County #, etc.

Table with columns: ID, Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Rows include stations like BCOK Bluff Creek N, OK030 Cody Creek RV, etc.

IDC 20:22:55:51.2, 1.0, 36.94N:01.97:83W, h0.2, h4km, 5km, ML4.0, mb_Lg3.9/110(NEIC), Mw3.5/14(NEIC), Error ellipse: s-maj=2.8km s-min=1.6km az=90.0

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Rows include stations like KAN17 Caldwell West, G002 Grant County #, etc.

Table with columns: ID, Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Rows include stations like W454 Hickory Valley, ANMO Meyer Farm, etc.

TUL 20:22:59:50.4, 0.7, 36.944N:0.009:97.83W, h0.02, h5km, 5km, ML2.7, mb_Lg2.7/5(NEIC), Error ellipse: s-maj=1.9km s-min=1.3km az=99.0

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Rows include stations like G002 Grant County #, KAN14 Manchester OK, etc.

20d 23h

Table with columns for station code, name, frequency, and other details. Includes stations like FSK, KEF4, DMLN, VLS, PSDA, etc.

2015 NOV

Table with columns for station code, name, frequency, and other details. Includes stations like STIP, DRME, PDG, KEF4, etc.

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Table with columns for station code, name, frequency, and other details. Includes stations like TURV, BENV, BENV, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for BCYI Bear Canyon, EGMT Egleton, LRM Linnelink, etc.

IDC 2023:06:09.3:0.7, 9:37S:66:93E, h0km, mb3.8/16, mb1 3.9/16, mb1mx3.7/63, mbtmp3.8/16, MS3.0/10, Ms1 3.8/10, ms1mx3.5/43, Error ellipse: s-maj=20.2km s-min=18.7km az=101.0

NEIC 2023:06:10.8:1.4, 9:45S:01:67:0E:0.1, h10km,1km, mb4.4/16, Error ellipse: s-maj=22.6km s-min=19.4km az=183.0

GCMT 2023:06:15.8:0.3, 9:39S:02:66:88E:0.02, h16km,1km, MW4.8/77, Moment Tensor Solution. s18,c21; s77,c98; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-0.10e;10; Mr-1.83e;08; Mw-1.93e;09; Mn-0.55e;26; Mo-0.41e;08; Mr-1.10e;30; Best double couple: M2:27100x10^16 NP1:0.53,00000; 0.88,00000; 1.2,00000; NP2: 0.322,00000; 0.88,00000; 1.148,00000; Principal axes: T 2.4100, Plg3.0000; Azm72.0000; N -0.2850, Plg5.0000; Azm120.0000; P -2.1240, Plg1.0000; Azm12.0000; 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', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for H08S1 Diego Garcia H, H08S3 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for KURK Kurchatov, BVAR Borovoye Array, ZALV Zalesovo Be, etc.

TUL 2023:09:28.4:1.1, 36:66N:01:04:98.46W:0.03, h8km,7km, ML3.4, mb, Lg3.376(NEIC), Error ellipse: s-maj=6.0km s-min=0.7km az=146.0

NEIC 2023:09:28.6:1.1, 36:64N:01:02:98.45W:0.01, h5km,2km, Error ellipse: s-maj=3.2km s-min=3.0km az=152.0

ANF 2023:09:29.4:1.1, 36:62N:98:39W, h7km,7km, ML4.0/7, Error ellipse: s-maj=4.3km s-min=2.5km az=63.0

ISC 2023:09:29.1:1.2, 36:63N:01:02:98.42W:0.03, h3km,11km, n87, 0.9575, Oklahoma

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for OK032 Salt Plains WL, CROK Carrier, KAN14 Manchester OK, etc.

QUOK Quay, OKCSW OKLAHOMA CITY, T35B Sooner Center, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for TUL1 Leonard, CBKS Cedar Bluff, CBKS Cedar Bluff, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for SDCO Great Sand Dun, N38A Joes South For, 435B Jarrell, etc.

IDC 2023:11:37.6:8.9, 26:40S:177:66W, h63km,79km, mb3.2/2, mb1 3.5/2, mb1mx3.2/34, mbtmp3.5/2, ML4.6/1, MS3.3/2, Ms1 3.2/2, ms1mx3.0/13, Error ellipse: s-maj=65.8km s-min=52.5km az=26.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for RAO Raoul Island, DZM Mont Dzumac, DZM Mont Dzumac, etc.

SSNC 2023:22:33.3:1.1, 19:17N:76:42W, h4km,6km, MD3.1, ML2.9, MW2.9

JSN 2023:22:36.8:0.4, 18:86N:76:50W, h0km,179km, MD3.6

ISC 2023:22:28.7:1.4, 19:16N:0:04:76:42W:0.04, h4km,12km, n11, 0.91519, Cuba region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for CMJ Castle Mountai, LMGC Las Mercedes, LMGC Las Mercedes, etc.

IDC 2023:25:39.2:0.5, 11:65S:165:53E, h0km, mb4.8/23, mb1 4.8/26, mb1mx4.7/37, mbtmp4.8/26, ML2.9/1, MS4.0/20, Ms1 4.0/20, ms1mx3.8/38, Error ellipse: s-maj=16.7km s-min=13.7km az=110.0

NEIC 2023:25:41.4:1.2, 11:64S:01:07:165:51E:0.08, h10km,1km, mb5.1/94, Error ellipse: s-maj=15.3km s-min=9.9km

GCMT 2023:25:44.0:0.2, 11:49S:01:02:165:37E:0.01, h15km, MW5.0/90, Moment Tensor Solution. s90,c39; s90,c120; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-3.04e;17; Mw-0.10e;11; Mn-0.30e;12; Ms-0.71e;27; Mo-1.17e;08; Mr-0.10e;11; Mw-0.30e;12; Mn-0.71e;27; Ms-0.10e;11; Mo-1.17e;08; Best double couple: M3:32500x10^16 NP1:0.53,00000; 0.84,00000; 1.2,00000; NP2: 0.329,00000; 0.84,00000; 1.1,00000; Principal axes: T 3.4500, Plg3.0000; Azm340.0000; P -3.2000, Plg7.0000; Azm175.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BJJ 2023:25:44.9:0.0, 10:98S:165:54E, h30km, mb5.2/30, mb5.0/54, Ms4.9/17, Ms7.4/415

NOU 2023:25:45.0, 11:67S:165:62E, h31km, mb4.9/46, Santa

20d 23h

Table with columns: VAE, Sn, Pn, 23 39 18.1 -0.2, etc. Lists various stations and their frequencies.

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Table with columns: BURAC, 9.52 19 P Pn, 23 39 25.1 +3.7, etc. Lists various stations and their frequencies.

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Table with columns: OSTC, 12.25 347 eP Pn, 23 39 58.6 +0.1, etc. Lists various stations and their frequencies.

Table with columns for station call signs (e.g., NEY, SHA1, KIV), frequencies, and various signal quality metrics (e.g., pmax, MLR, Pn).

Table with columns for station call signs (e.g., NC300, NC204, KLMR), frequencies, and various signal quality metrics (e.g., P, Pn, eP, MLR).

Table with columns for station call signs (e.g., AML, MBAR, KABS), frequencies, and various signal quality metrics (e.g., P, Pn, eP, MLR).

21d Oh

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ILAR, NJ2, USRK, KSAR, etc.

TUL 20 23:43:30.1, 1.36, 94N, 0.01, 97.82W, 0.01, h6km, 3km, ML2.8, mb_Lg2.4/18(NEIC), Error ellipse: s-maj=1.9km s-min=1.2km az=137.0

NEIC 20 23:43:30.2, 1.0, 36.91N, 0.01, 97.81W, 0.01, h5km, 4km, Error ellipse: s-maj=2.1km s-min=1.5km az=144.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GC02, KAN14, KAN10, etc.

NCEDC 20 23:43:35.3, 1.4, 37.57N, 0.03, 118.63W, 0.03, h10km, 7km, Md3.0/45, ML2.9/4(REN), ML2.4/52(NEIC), Error ellipse: s-maj=5.1km s-min=3.7km az=197.0

REN 20 23:43:35.2, 1.7, 37.56N, 0.04, 118.64W, 0.02, h12km, 7km, Error ellipse: s-maj=5.2km s-min=2.6km az=166.0

NEIC 20 23:43:36.9, 2.9, 37.63N, 0.03, 118.74W, 0.03, h10km, 1km, Error ellipse: s-maj=6.0km s-min=3.8km az=323.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MDRNC, MDCM, MRDM, etc.

2015 NOV

Table with columns: YERR, IAML, Time, Res, ISC. Includes stations like KVN, PNTR, PNTR, etc.

TUL 20 23:59:09.1, 1.1, 36.67N, 0.02, 98.46W, 0.02, h5km, 6km, ML2.5, mb_Lg2.36(NEIC), Error ellipse: s-maj=2.8km s-min=2.0km az=120.0

NEIC 20 23:59:09.4, 1.9, 36.63N, 0.02, 98.47W, 0.02, h9km, 5km, Error ellipse: s-maj=3.2km s-min=1.9km az=129.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like OK032, OK033, CROK, etc.

TUL 21 00:06:58.1, 1.1, 36.941N, 0.009, 97.81W, 0.01, h1km, 6km, ML2.9, mb_Lg2.5/21(NEIC), Error ellipse: s-maj=1.5km s-min=1.3km az=88.0

NEIC 21 00:06:58.6, 5.5, 36.938N, 0.010, 97.81W, 0.01, h6km, 4km, Error ellipse: s-maj=1.7km s-min=1.4km az=91.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GC02, GC02, KAN17, etc.

Table with columns: OK030, OK025, OKCFA, etc. Includes station names and coordinates.

IDC 21 00:12:33.8, 3.3, 32.91S, 70.06W, h95km, 29km, mb3.77, mb1.3/10, mb1mx3.7/24, mbtmp3.9/10, Error ellipse: s-maj=26.6km s-min=18.1km az=90.0

GUC 21 00:12:34.3, 0.7, 32.97S, 70.28W, h107km, 3km, ML4.5, NEIC 21 00:12:34.6, 1.6, 32.96S, 70.03, 70.18W, 0.06, h107km, 4km, mb4.4/17, ML4.5(GUC), Error ellipse: s-maj=8.1km s-min=2.9km az=71.0

ISC 21 00:12:34.4, 0.6, 32.96S, 70.04, 70.19W, 0.05, h108km, 5km, n92, r1904/11, mb4.2/15, 6C-1D, Chile-Argentina border region

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

1297

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like H03S3, H03A2, PLCA, etc.

IDC 21 00:15:38.5-0.6, 41.164N:71.55E, h0km, mb4.0/20, mb1.4, 1/29, mb1mx0.4/0.52, mbtmp4.0/29, MSJ3.6/6, MS3.6/17, Ms1.3.6/17, ms1mx3.4/53, Error ellipse: s-maj=10.7km s-min=6.9km az=167.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like TRKS, NAM, MNAS, etc.

2015 NOV

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like MRKS, TASH, TAS, etc.

21d Oh

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like KUU, KUR, KUO, etc.

21d Oh

Table with columns: KAPS, Kapalarasan, 28nm, 0.6s, 6.76, 55, eP, Pb, 00 17 43.8 +4.4, etc.

2015 NOV

Table with columns: LSA, Lhsa, 26.9nm, 1.1s, 19.91, 121, P, Pn, 00 20 14.8 +0.3, etc.

1298

Table with columns: OJC, Ojcow, 36.28, 302, P, P, 00 22 43.8 +0.1, etc.

RHSSO 21 00:17:04.5:0.4, 42.71N:16:52E, h11km2km, ML3.2/15, PRU 21 00:17:07.9:0.0, 42.94N:16:51E, h0km, BEO 21 00:17:07.0:1.0, 42.91N:16:51E, h0km, ML3.0/14, VIE 21 00:17:07.8:0.7, 42.86N:16:09E, h10km, mb3.0/12, mI2.8/8, mS3.0/3, Error ellipse: s-maj=6.8km s-min=5.3km az=57.0 79 km SSW of Split, LDG 21 00:17:16.0:0.7, 43.58N:15:75E, h10km, M3.2/13, Error ellipse: s-maj=14.2km s-min=11.5km az=41.0, ISC 21 00:17:03.5:1.2, 42.70N:03:16.44E:0.03, h9km, 9km, n96, r142/142, 1C, Adriatic Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

2100 Oh

Table of radio stations for 2100 Oh, listing call signs, frequencies, and other details.

2015 NOV

Table of radio stations for 2015 NOV, listing call signs, frequencies, and other details.

1300

Table of radio stations for 1300, listing call signs, frequencies, and other details.

21d Oh

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

2015 NOV

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

1302

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

1303	DRK	Karamyk	2.30	177	↑P	Pn	00 47 37.7	+1.2
	DRK	baz=75			↑S	Sn	00 48 07.0	+1.3
	FRU1	Bishkek	2.44	64	↑P	Pb	00 47 41.2	-0.6
	FRU1	baz=63			↑S	Sb	00 48 13.0	+0.6
	USP	Ospenovka	2.58	54	↑P	Pb	00 47 43.4	-0.7
	USP	19nm,0.2s,SNR=9.3			↑S	Sg	00 48 19.7	-0.2
	USP	96nm,0.3s			↑P	Pb	00 47 42.9	-1.3
	USP	Ospenovka	2.58	54	↑P	Pb	00 47 42.9	-1.3
	USP	baz=54			↑S	Sb	00 48 16.0	-0.3
	CHMS	Chumysh	2.60	61	↑P	Pb	00 47 44.6	+0.1
	CHMS	6.5nm,0.2s,SNR=8.7			↑S	Sg	00 48 20.9	+0.3
	CHMS	78nm,0.4s			↑P	Pb	00 47 43.5	-1.0
	CHMS	Chumysh	2.60	61	↑P	Pb	00 47 43.5	-1.0
	CHMS	baz=61			↑S	Sb	00 48 17.0	0.0
	KBK	Karagaybulak	2.60	69	↑P	Pb	00 47 44.7	+0.1
	KBK	17nm,0.2s,SNR=17			↑S	Sg	00 48 21.1	+0.4
	KBK	118nm,0.3s			↑P	Pb	00 47 43.5	-1.1
	KBK	Karagaybulak	2.60	69	↑P	Pb	00 47 43.5	-1.1
	KBK	baz=69			↑S	Sb	00 48 17.0	-0.1
	GAR	Garm	2.96	201	↑P	Pn	00 47 46.4	+1.0
	GAR	baz=99			↑S	Sn	00 48 22.1	+0.5
	BOOM	Boomsokoye usch	3.27	76	↑P	Pb	00 47 53.1	-2.9
	BOOM	baz=76			↑S	Sb	00 48 32.8	-3.5
	DGS	Degeres	3.38	63	eP	Pg	00 48 01.0	-0.9
	DGS	3.1nm,0.2s			eS	Sg	00 48 45.2	-0.4
	DGS	39nm,0.2s			eS	Sg	00 48 01.0	-0.9
	DGS	Degeres	3.38	63	eP	Pg	00 48 01.0	-0.9
	DGS	3.1nm,0.2s			Lg	Lg	00 48 45.2	
	KST	Kastek	3.43	67	eP	Pg	00 48 02.4	-0.5
	KST	9.0nm,0.5s			eS	Sg	00 48 48.5	+1.1
	KST	39nm,0.5s			eS	Sg	00 48 48.5	+1.1
	KST	Kastek	3.43	67	eP	Pg	00 48 02.4	-0.5
	KST	9.0nm,0.5s			Lg	Lg	00 48 48.5	
	CHGR	Chuyangaron	3.66	212	↑P	Pn	00 47 55.5	+0.5
	CHGR	baz=12			↑S	Sn	00 48 38.1	-0.7
	KUU	Kurty	4.04	57	eP	Pg	00 48 13.3	-1.3
	KUU	8.4nm,0.5s			eS	Sg	00 49 06.1	-0.8
	KUU	34nm,0.6s			eP	Pg	00 48 13.3	-1.3
	KUU	8.4nm,0.5s			Lg	Lg	00 49 06.1	
	KUU	34nm,0.6s			Lg	Lg	00 49 06.1	
	TNSS	Tian-Shan	4.12	71	eP	Pg	00 48 15.6	-0.4
	TNSS	4.8nm,0.3s			eS	Sg	00 49 10.2	+0.8
	TNSS	13nm,0.6s			eS	Sg	00 48 15.6	-0.4
	TNSS	Tian-Shan	4.12	71	eP	Pg	00 48 15.6	-0.4
	TNSS	4.8nm,0.3s			Lg	Lg	00 49 10.2	
	TNSS	13nm,0.6s			Lg	Lg	00 49 10.2	
	KDJ	Kajisay	4.14	83	↑P	Pn	00 48 05.3	+3.7
	KDJ	baz=83			↑S	Sn	00 48 54.1	+3.4
	KTBS	Karatoke	4.18	61	eP	Pg	00 48 15.9	-1.3
	KTBS	4.4nm,0.4s			eS	Sg	00 49 10.5	
	KTBS	26nm,0.7s			eP	Pg	00 48 15.9	-1.3
	KTBS	Karatoke	4.18	61	eP	Pg	00 48 15.9	-1.3
	KTBS	4.4nm,0.4s			Lg	Lg	00 49 10.5	
	KTBS	26nm,0.7s			Lg	Lg	00 49 10.5	
	KNDC	Almaty	4.18	68	↑P	Pg	00 48 18.5	+1.2
	KNDC	12nm,0.4s			↑Lg	Lg	00 49 11.8	
	KNDC	28nm,0.4s			↑Lg	Lg	00 49 11.8	
	MDOK	Medeo	4.22	69	eP	Pg	00 48 16.5	-1.5
	MDOK	3.9nm,0.8s			eS	Sg	00 49 12.1	-0.7
	MDOK	17nm,0.7s			eS	Sg	00 48 19.8	+1.7
	MDOK	Medeo	4.22	69	↑P	Pg	00 48 19.8	+1.7
	MDOK	8.7nm,0.7s			↑Lg	Lg	00 49 13.2	
	MDOK	19nm,0.6s			↑Lg	Lg	00 48 16.5	-1.5
	MDOK	Medeo	4.22	69	eP	Pg	00 48 16.5	-1.5
	MDOK	3.9nm,0.8s			Lg	Lg	00 49 12.1	
	MDOK	17nm,0.7s			Lg	Lg	00 49 12.1	
	KOTS	Kotyrbulak	4.29	68	eP	Pg	00 48 17.6	-1.7
	KOTS	4.6nm,0.3s			eS	Sg	00 49 13.6	-1.3
	KOTS	33nm,0.5s			eS	Sg	00 48 17.6	-1.7
	KOTS	Kotyrbulak	4.29	68	eP	Pg	00 48 17.6	-1.7
	KOTS	4.6nm,0.3s			Lg	Lg	00 49 13.6	
	KOTS	33nm,0.5s			Lg	Lg	00 49 13.6	
	CHKK	Chushkaly	4.44	60	eP	Pg	00 48 21.0	-1.2
	CHKK	1.8nm,0.3s			eS	Sg	00 49 19.0	-0.6
	CHKK	22nm,0.4s			eS	Sg	00 48 21.0	-1.2
	CHKK	Chushkaly	4.44	60	eP	Pg	00 48 21.0	-1.2
	CHKK	1.8nm,0.3s			Lg	Lg	00 49 19.0	
	KURS	Kuram	5.10	68	eP	Pg	00 48 32.8	-2.1
	KURS	4.1nm,0.3s			eS	Sg	00 49 39.1	-1.8
	KURS	9.3nm,0.7s			eS	Sg	00 48 32.8	-2.1
	KURS	Kuram	5.10	68	eP	Pg	00 48 32.8	-2.1
	KURS	4.1nm,0.3s			Lg	Lg	00 49 39.1	
	KURS	9.3nm,0.7s			Lg	Lg	00 49 39.1	
	ARXS	Arharly	5.14	60	eP	Pg	00 49 32.8	-2.8
	ARXS	4.3nm,0.6s			eS	Sg	00 49 39.4	-2.8
	ARXS	18nm,0.6s			eS	Sg	00 48 32.8	-2.8
	ARXS	Arharly	5.14	60	eP	Pg	00 48 32.8	-2.8
	ARXS	4.3nm,0.6s			Lg	Lg	00 49 39.4	
	ARXS	18nm,0.6s			Lg	Lg	00 49 39.4	
	SATY	Saty	5.16	73	eP	Pg	00 48 34.8	-1.2
	SATY	5.6nm,0.9s			eS	Sg	00 49 42.6	-0.2
	SATY	16nm,0.9s			eS	Sg	00 48 34.8	-1.2
	SATY	Saty	5.16	73	eP	Pg	00 48 34.8	-1.2
	SATY	5.6nm,0.9s			Lg	Lg	00 49 42.6	
	SATY	16nm,0.9s			Lg	Lg	00 49 42.6	
	KPKS	Kokpek	5.45	70	eP	Pg	00 48 39.5	-2.1
	KPKS	4.8nm,0.3s			eS	Sg	00 48 39.0	-3.9
	KPKS	17nm,0.9s			eS	Sg	00 48 39.0	-3.9
	KPKS	Kokpek	5.45	70	eP	Pg	00 48 39.5	-2.1
	KPKS	4.8nm,0.3s			Lg	Lg	00 49 50.0	
	KPKS	17nm,0.9s			Lg	Lg	00 49 50.0	
	BLB	Baldybastay	5.52	63	eP	Pg	00 48 42.1	-2.7
	BLB	2.3nm,0.5s			eS	Sg	00 49 55.5	-2.1
	BLB	8.8nm,0.4s			eP	Pg	00 48 42.1	-2.7
	BLB	Uzymbulak	5.62	74	eP	Pg	00 48 42.1	-2.7
	BLB	2.1nm,0.4s			eS	Sg	00 49 55.5	-2.1
	BLB	8.8nm,0.4s			Lg	Lg	00 49 55.5	-2.1
	PDGK	Podgornoye	5.99	72	eP	Pg	00 48 47.7	-4.2
	PDGK	1.2nm,1.1s			Lg	Lg	00 50 04.8	-1.5
	PDGK	5.6nm,0.8s			↑P	Pg	00 48 52.1	+0.1
	PDGK	Podgornoye	5.99	72	↑P	Pg	00 48 52.1	+0.1
	PDGK	4.9nm,1.2s			↑Lg	Lg	00 50 09.2	
	PDGK	22nm,1.2s			↑Lg	Lg	00 50 09.2	

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OTUK	Ortayu	6.48	4	↑Lg	Lg	00 50 21.3			
KAPS	Kapalarasan	2.4nm,0.9s	6.60	55	eP	Pg	00 49 01.0	-2.6	
KAPS	12nm,0.8s				eS	Sg	00 50 27.6	-1.5	
KAPS	Kapalarasan	2.4nm,0.9s	6.60	55	eP	Pg	00 49 01.0	-2.6	
KAPS	12nm,0.8s				Lg	Lg	00 50 27.6		
MK31	Makanchi Array	2.7nm,0.6s	9.12	53	↑Lg	Lg	00 51 48.2		
KURBB	Kurchatov Arra	10.0nm,0.8s	10.04	26	↓Lg	Lg	00 52 13.2		
<p>GUC 21 00:55:52.0,8,33:41S:71:40W,h60km,2km,ML3.5 SJA 21 00:55:52.0,33:41S:71:56W,h25km,ML4.1 ISC 21 00:55:53.1,4,33:41S:71:45W,0.04,h50km,8km, n43,(0)89/60,4C-2D,Near coast of central Chile</p>									
Code	Station Name	Δ° AZ°	Op	Phase	IDC	Time	Res	ISC	
VA05	Santo Domingo	0.28	209	eP	Pn	00 56 02.5	+0.3		
VA05	0.2s			eS	Sn	00 56 09.7	+1.0		
VA05	IAML					00 56 10.7			
comp=N,4um,0.5s	Curacav	0.30	60	eP	Pn	00 56 02.2	-0.2		
MT02	0.2s			eS	Sn	00 56 08.9	-0.1		
MT02	Curacav	0.30	60	eP	Pn	00 56 02.0	-0.5		
VA01	Torpederas	0.42	337	eP	Pn	00 56 03.9	+0.3		
VA01	0.2s			eS	Sn	00 56 12.1	+1.2		
VA01	IAML					00 56 12.9			
comp=E,5um,0.1s	Torpederas	0.42	337	eP	Pn	00 56 04.0	+0.3		
MT01	Popeta	0.48	160	eP	Pn	00 56 04.1	-0.3		
MT01	0.2s			eS	Sn	00 56 12.3	0.0		
MT01	IAML					00 56 12.5			
comp=E,5um,0.3s	Popeta	0.48	160	eP	Pn	00 56 04.0	-0.3		
MT09	Talagante	0.53	134	eP	Pn	00 56 05.1	0.0		
MT09	0.2s			eS	Sn	00 56 13.6	+0.1		
MT09	IAML					00 56 15.4			
comp=N,5um,0.3s	El Roble	0.57	40	eP	Pn	00 56 05.0	-0.6		
ROCI	0.2s			eP	Pn	00 56 05.4	-0.3		
ROCI	El Roble	0.57	40	eP	Pn	00 56 05.4	-0.3		
ROCI	0.2s			eP	Pn	00 56 05.4	-0.3		
ROCI	El Roble	0.57	40	eP	Pn	00 56			

21d 1h

2015 NOV

1306

Main table containing station call signs, frequencies, and other technical details for various radio stations. Includes columns for call sign, frequency, power, and other parameters.

1311

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Palaochora Ch, Gzelcam!, Masoluk, DENIZLI_Tavas, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LK02, ARG Argostoli, KEF3 Kipouria, etc.

21d 4h

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

21d 4h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WCS, CHY, CHN3, WNT1, TWMT, FUSS, TDCB, WWF, ICHU, WTK, LAY, SCZT, SLIU, CHN8, WHP, TCU, WCHH, WRL, NNS, WSF, ENA, TWQ1, TWKBT, NSY, WDJ, NDT, ENT, NDS, YHNB, NSK, NMLH, NSTT, LIOB, NWLT, YOJ, HATJ, IRIF, JISG.

IDC 21 04:05:24.3; 2.2768S; 178.55W, h0km, mb4.3/4, mb1 4.4/4, mb1mx3.9/34, mbtmp3.4/4, Error ellipse: s-maj=166.5km s-min=51.1km az=151.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like STKA, ASAR, WRA, FITZ, AKASG, BRTR.

JMA 21 04:09:21.3; 0.1, 23.17N; 121.160E, h12km, Zm, M3.2 TAP 21 04:09:23.8, 23.21N, 121.40E, h22km, ML3.7, C ISC 21 04:09:22.4; 1.0, 23.19N; 102.121.50E; 0.02, h16km, g8km, n96, c081/163, 8C-3D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ECBN, CHKT, CHKT, FULB, FULB, EYUL, TWF1, TWF1.

2015 NOV

Main table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like YULB, ECS, EDH, EDH, HGSD, EHY, EHY, LONT, LONT, ELDTW, ELDTW, EGFH, EGFH, LDUT, LDUT, TWGBT, TWGBT, TWG, TWG, TTN, TTN, YUS, YUS, ESL, ESL, VVDT, VVDT, STYH, STYH, TEYL, TEYL, STYT, STYT, ALS, ALS, ECL, ECL, SSLB, SSLB, HWA, HWA, TPUB, TPUB, OWD, OWD, WTP, WTP, CHN4, CHN4, SGST, SGST, CHN5, CHN5, SMLT, SMLT, TWD, TWD, CHN1, CHN1, CHN1, CHN1, CHGB, CHGB, SNST, SNST, SNST, SNST, TSMG, TSMG, TYC, TYC, TWK, TWK, TWK, TWK, WJS, WJS, WJS, WJS, WHF, WHF, NACB, NACB, MASBT, MASBT, CHN2, CHN2, CHN2, CHN2, EAST, EAST, ETLH, ETLH, WDLH, WDLH, WDLH, WDLH, WNT, WNT, WNT, WNT, WCS, WCS, WCS, WCS.

1312

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CHY, CHY, CHN3, CHN3, TWMT, TWMT, FUSS, FUSS, TWMT, TWMT, TDCB, TDCB, ICHU, ICHU, ICHU, ICHU, LAY, LAY, SCZT, SCZT, SLIU, SLIU, CHN8, CHN8, CHN8, CHN8, WHP, WHP, WHP, WHP, TCU, TCU, WCHH, WCHH, WCHH, WCHH, NNS, NNS, WRL, WRL, WRL, WRL, WSF, WSF, WSF, WSF, EWUT, EWUT, EWUT, EWUT, TWQ1, TWQ1, TWQ1, TWQ1, NSY, NSY, NSY, NSY, WDJ, WDJ, WDJ, WDJ, TWKBT, TWKBT, ENT, ENT, NDS, NDS, YHNB, YHNB, NSK, NSK, NSTT, NSTT, NSTT, NSTT, LIOB, LIOB, LIOB, LIOB, NWLT, NWLT, PHUB, PHUB, PHUB, PHUB, JYNG, JYNG, JYNG, JYNG, PNG, PNG, PNG, PNG, YOJ, YOJ, NWF, NWF, YMO1, YMO1, HATJ, HATJ, HATJ, HATJ, IRIF, IRIF, IRIF, IRIF, JKRS, JKRS, JIJ, JIJ, JIJ, JIJ, PTMZ, PTMZ, JISG, JISG, JISG, JISG, KNMB, KNMB, JTJ, JTJ, JTJ, JTJ, MATB, MATB.

IDC 21 04:14:52.1; 2.3, 0.75N; 127.20E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/29, mbtmp3.4/3, Error ellipse: s-maj=169.1km s-min=28.4km az=66.0, Halmahera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WRA, ASAR, MKAR.

IDC 21 04:23:42.2; 1.6, 4.08S; 129.35E, h0km, mb3.7/1, mb1 3.5/4, mb1mx3.4/38, mbtmp3.4/4, ML3.2/3, Error ellipse: s-maj=57.5km s-min=26.4km az=81.0, DJA 21 04:23:45.6; 1.2, 4.1S; 129.2E, h26km, 11km, M3.6/7, mb4.2/1, ML3.3/7

ISC 21 04:23:46.5; 1.0, 4.05S; 0.08; 129.38E; 0.06, h36km, n8, c1507/11, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MSAL, MSAL, AAI, AAI, FAKI, FAKI, SIJI, SIJI, SIJI, SIJI, SWI, SWI, WRA, WRA, ASAR, ASAR, MKAR, MKAR.

IDC 21 04:31:05.0.0.7, 14.80N:55.00E, h0km, mb4.0/16, mb1.4/16, mb1mx3.8/61, mbmtpp4.0/16, MS3.2/13, Ms1.3/213, ms1mx3.0/43, Error ellipse: s-maj=21.4km s-min=16.1km az=131.0

NEIC 21 04:31:06.2.1.7, 14.74N:07.549E:0.1, h10km, 1km, mb4.2/21, Error ellipse: s-maj=21.4km s-min=11.0km az=106.0

ISC 21 04:31:06.1.0.7, 14.78N:07.550E:0.1, h10km, n53, r1503/42, mb4.1/26, MS3.1/12, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SOCY Socotra, UOSS Minazif, ATD Arta Tunnel, RAYN Ar Rayn, HRA Herat, LODK Lodwar, GEYT Alibeck, GEYT Alibeck, GEYT Alibeck, GYA0B ALIBECK ARRAY, KBL Kabul, KMBO Kilima Mbogo, KMBO Kilima Mbogo, KIBK Kibwezi, SIRT Simal, PALK Pallekele, GURO Guroyamak-BITLI, GNI Gani, GNI Gani, BTX Batken, KBZ Khabaz, KVAR Kislovodsk Arr, BRTR Keskin Array B, KKAR Karatay Array, ABKAR Akbulak array, AKTO Aktyubinsk, MAKZ Makanchi, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Kurchatov Arra, KURB Kurchatov, KURK Kurchatov, AKASG Malin Array Be, AKASG Malin Array Be, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, ZAAO Zalevoso Array, ZAAO Zalevoso Beam, ZALV Zalevoso Beam, ZALV Zalevoso Beam, GERES GERES Array B, FINES FINES Array B, FINES FINES Array B, TORO Torodi Arr, TORO Torodi Arr, TORO Torodi Arr, BOSHA Boshof, BOSHA Boshof, SONM Songino Array, ESDC Sonseca Array, ARCES ARCES Array B, ARCES ARCES Array B, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, ASAR Alice Springs, PDAR Pinedale Array, PDAR Pinedale Array, NVAR Mina Array Bea

IDC 21 04:34:51.0.1.8, 0.79N:127.10E, h0km, mb3.8/4, mb1.4/0.4, mb1mx3.4/49, mbmtpp3.8/4, Error ellipse: s-maj=160.8km s-min=22.0km az=67.0, Halmahera

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURB Kurchatov Arra, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, ASAR Alice Springs, PDAR Pinedale Array, NVAR Mina Array Bea, KSH Kashi, KSH Kashi, KSH Kashi, ZALV Zalevoso Beam, KBL Kabul, KBL Kabul, GAR Garm, BTX Batken

1.8nm,0.4s,baz=342,slow=8.9,SNR=7.4 MKAR Makanchi Array 59.58 325 P P 04 46 10.7 -0.2 KURB Kurchatov Arra 63.73 347 P P 04 46 38.4 +0.1 ARCES ARCES Array B 92.35 320 P P 04 49 13.2 0.0 NEIC 21 04:38:25.4.2.2, 11.1N:0.1, 127.51E:0.09, h15km, 6km, mb4.5/19, Error ellipse: s-maj=15.7km s-min=11.8km az=203.0 DJA 21 04:38:26.1.0.5, 11.2N:12.7E, h11km, 4km, M4.4/13, mb4.7/13, mb5.3/2, MLV4.1/22, MW(MB)4.8/2, IDC 21 04:38:28.2.3.8, 0.99N:127.44E, h40km, 37km, mb3.9/11, mb1.4/1.4, mb1mx3.7/52, mbmtpp4.1/14, ML3.7/3, MS3.5/11, Ms1.3/511, ms1mx3.2/39, Error ellipse: s-maj=29.3km s-min=15.1km az=76.0

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TMTI Ternate, TMTI Ternate, LBMI Labuha, LBMI Labuha, LBMI Labuha, KMSI Cibinong, KMSI Cibinong, SJIJ Sorong, GTOI Gorontalo, MSAI Masohi, MRSI Marisa, APSI Ampas, MPMI Mapiga, TTSI Tana Toraja, BNSI Bontol, SPSI Sidrap Palu, BKSI Bulukumba, KAPI Kappang, SGKI Sanggata, KALI Kali, SOEI Soe, EDFI Ende, MTKI Muara Teweih, JAYJ Jayapura, SBUM Sibul, KNRA Kunurra, FITZ Fitzroy Crossi, GUMO Guam, WBO Warramunga Arr, WRAB Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRO Warramunga Arr, WR0 Petrovlovsk, PMG Port Moresby, AS31 Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, KURB Kurchatov Arra, KURK Kurchatov

ISC 21 04:38:24.8.0.5, 1.02N:0.05:127.50E:0.09, h10km, n69, r156/59, mb4.4/26, MS3.5/11, Halmahera Code Station Name Az Az2 Op Phase ID ISC Time Res h m s ISC TMTI Ternate 0.28 209 P P 04 38 37 +1.7 TMTI Ternate 0.28 209 P P 04 38 30.3 -0.3 LBMI Labuha 1.65 180 S S 04 38 54 +0.2 LBMI Labuha 1.65 180 S S 04 38 54 +0.2 LBMI Labuha 1.65 180 S S 04 38 54 +0.2 KMSI Cibinong 3.55 263 P P 04 39 20.6 +2.5 KMSI Cibinong 4.21 116 Pn Pn 04 39 28.7 -0.4 GTOI Gorontalo 4.51 265 P Pn 04 39 36.7 +3.5 MSAI Masohi 4.56 162 P Pn 04 39 40.1 +6.1 MRSI Marisa 5.59 265 P Pn 04 39 50.3 +2.2 APSI Ampas 6.16 252 P Pn 04 39 58.0 +2.1 MPMI Mapiga 6.72 271 Pn Pn 04 40 03.1 -0.6 MPMI Mapiga 7.63 265 P Pn 04 40 16.4 +0.2 TTSI Tana Toraja 8.68 242 P Pn 04 40 29.1 -1.4 BNSI Bontol 9.14 234 P Pn 04 40 37.8 +0.9 SPSI Sidrap Palu 9.18 237 P Pn 04 40 38.6 +1.2 BKSI Bulukumba 9.70 229 P Pn 04 40 45.4 +0.9 KAPI Kappang 9.79 232 Pn Pn 04 40 46.4 +0.6 SGKI Sanggata, Kali 10.02 161 P Pn 04 40 49.1 +0.2 SOEI Soe 11.08 197 Pn Pn 04 41 04.3 -0.7 EDFI Ende, Flores 11.30 211 P Pn 04 41 09.0 +2.4 MTKI Muara Teweih, K 12.78 261 Pn Pn 04 41 25.7 -0.7 JAYJ Jayapura 13.66 105 LR LR 04 46 34.4 SBUM Sibul 15.34 276 Pn Pn 04 42 00.2 -1.4 KNRA Kunurra 16.64 176 Pn Pn 04 42 16.8 -2.2 FITZ Fitzroy Crossi 19.09 185 P P 04 42 48.0 +0.2 GUMO Guam 21.25 53 LR LR 04 50 51.8 WBO Warramunga Arr 21.73 162 P P 04 43 14.5 -2.0 WRAB Warramunga Arr 21.88 162 P P 04 43 17.7 -0.4 WRA Warramunga Arr 21.88 163 P P 04 43 17.9 -0.2 WRA Warramunga Arr 21.88 163 P P 04 43 16.6 -1.5 WRA Warramunga Arr 21.89 162 P P 04 43 16.7 +1.5 WRO Warramunga Arr 21.96 162 P P 04 43 17.2 -1.8 WR0 Petrovlovsk 22.15 118 LR LR 04 54 35.3 AS31 Alice Springs 25.31 166 P P 04 43 52.0 +0.1 ASAR Alice Springs 25.32 166 P P 04 43 52.1 -0.7 ASAR Alice Springs 25.32 166 P P 04 43 51.9 0.0 NJ2 Nanjing 31.93 346 eP P 04 44 55.1 +4.3 NJ2 Nanjing 31.93 346 pmax pmax comp=Z:1.1nm,0.5s comp=Z:2.0nm,0.3s,baz=19,slow=10.0,SNR=4.3 CMAR Chiang Mai Arr 32.95 303 LR LR 05 00 03.5 HNR Honiara 33.94 190 LR LR 04 59 40.5 JHJ Hachio jima 2 33.95 19 LR LR 04 56 43.1 STKA Stephens Creek 35.34 159 P P 04 45 19.9 -0.7 KSRK Katsushiro Arr 36.26 1 LR P 05 03 33.8 MJAR Matsushiro Arr 36.71 1 LR P 04 45 32.0 -0.2 MJAR Matsushiro Arr 36.71 1 LR P 04 45 34.2 SHL Shilling 42.12 308 P P 04 46 14.2 -3.6 SHL Shilling 42.12 308 P P 04 46 25.1 HHC Hu-ho-hao-te 42.20 342 eP S 04 46 19.3 +1.2 HHC Hu-ho-hao-te 42.20 342 eP S 04 52 39.0 +0.6 HHC comp=Z:1.1nm,0.8s HHC comp=Z:0.93nm,4.7s MDJ Mudanjiang 43.45 2 P P 04 46 30.5 +2.5 MDJ comp=Z:1.0nm,1.0s MDJ comp=Z:8.1nm,3.8s DZM Mont Dumac 44.38 124 LR LR 05 06 42.7 GTA Gaotai 45.61 330 eP P 04 46 47.3 +0.1 GTA Gaotai 45.61 330 eP P 04 46 50.4 +0.1 GTA Gaotai 45.61 330 eP P 04 46 53.3 +1.8 SONM Songino Array 50.10 342 P P 04 47 19.4 -0.8 SONM comp=Z:2.0nm,1.0s,baz=162,slow=6.9,SNR=8.0 SONM comp=Z:2.7nm,1.9s,baz=112,slow=38 SONM Songino Array 50.10 342 eP P 04 47 41.6 WMQ Urumqi 55.38 326 eP P 04 48 01 +0.8 WMQ WMQ 55.38 326 pmax pmax WMQ comp=Z:1.9nm,0.7s WMQ comp=Z:5.2nm,3.7s WMQ comp=N:270nm,27.1s WMQ comp=E:340nm,29.1s PETK Petrovlovsk 57.65 21 P P 04 48 15.7 +0.4 MK31 Makanchi Array 60.21 326 P P 04 48 32.7 -0.5 MK31 Makanchi Array 60.21 326 P P 04 48 32.7 -0.5 MKAR Makanchi Array 60.21 326 P P 04 48 32.5 -0.7 MAKZ Makanchi 60.21 326 P P 04 48 34.8 +0.3 MAKZ Makanchi 60.21 326 P P 04 48 38.9 +0.3 KSH Kashi 60.51 316 P P 04 48 36.5 +1.0 KSH Kashi 60.51 316 P P 04 48 40.9 +1.0 KSH Kashi 60.51 316 P P 04 48 43.3 +4.6 ZALV Zalevoso Beam 63.34 333 P P 04 48 52.9 -1.1 KBL Kabul 63.79 308 P P 04 48 55.0 -2.7 KBL Kabul 63.79 308 P P 04 49 15.3 GAR Garm 64.33 313 P P 04 49 00.7 -0.4 BTX Batken 64.35 315 P P 04 49 00.8 -0.4

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURB Kurchatov Arra, AKTO Aktyubinsk, VVDA Vanda, PPT Papeete, IDC 21 04:41:46.6.1.2, 0.75N:127.04E, h0km, mb3.9/6, mb1.4/1.6, mb1mx3.7/50, mbmtpp4.0/6, MS3.1/1, Ms1.3/511, ms1mx2.6/42, Error ellipse: s-maj=131.9km s-min=18.8km az=68.0 NEIC 21 04:41:47.6.1.2, 0.7N:0.1, 127.12E:0.06, h6km, 8km, mb4.3/8, Error ellipse: s-maj=20.2km s-min=5.2km az=160.0 DJA 21 04:41:48.0.0.5, 11.3N:12.7E, h10km, M3.5/6, MLV3.5/6, IDC 21 04:41:47.6.0.7, 0.81N:0.06:127.13E:0.06, h10km, n23, r150/23, mb4.1/9, Halmahera Code Station Name Az Az2 Op Phase ID ISC Time Res h m s ISC TMTI Ternate 0.24 99 P P 04 41 52.8 +0.2 TMTI Ternate 0.24 99 P P 04 41 52.7 +0.2 LBMI Labuha 1.48 165 P S 04 42 15.8 -0.3 LBMI Labuha 1.48 165 P S 04 42 38.9 +3.5 KMSI Cibinong 3.15 266 P P 04 42 44.3 +0.5 LUWU Luwuk 4.73 247 Pn Pn 04 42 57.0 -2.0 TOLL2 Tollitoli 6.35 273 Pn Pn 04 43 20.7 -0.5 WBO Warramunga Arr 21.65 161 P P 04 46 37.3 -1.1 WBO comp=Z:1.3nm,1.6s WRA Warramunga Arr 21.80 161 P P 04 46 40.3 +0.3 PMG Warramunga Arr 21.80 161 P P 04 46 39.2 -0.9 W2 Warramunga Arr 21.80 161 P P 04 46 41.5 WRO Warramunga Arr 21.88 161 P P 04 46 40.0 -0.9 PMG Port Moresby 22.38 117 P P 04 47 28.3 PMG comp=Z:1.1nm,0.9s AS31 Alice Springs 25.20 165 P P 04 47 12.4 -1.2 ASAR Alice Springs 25.20 165 P P 04 47 14.1 +0.4 ASAR Alice Springs 25.20 165 P P 04 47 12.7 -1.0 STKA Stephens Creek 25.25 158 P P 04 48 42.9 +0.2 ULN Ulanbatar 32.92 342 P P 04 50 43.3 +1.0 SONM Songino Array 50.18 342 P P 04 50 45.0 +1.4 SONM Songino Array 50.18 342 P P 04 50 45.0 +1.4 SONM Songino Array 50.18 342 P P 04 51 00.3 PETK Petrovlovsk 57.65 21 P P 05 11 52.4 MKAR Makanchi Array 60.21 326 P P 05 11 54.9 -0.8 KURB Kurchatov Arra 64.40 328 P P 04 52 25.7 +1.8 KURK Kurchatov 64.41 328 P P 04 52 25.0 +1.1

IDC 21 04:51:24.0.2.0, 4.34S:146.61E, h0km, mb3.3/3, mb1.3/4, mb1mx3.3/34, mbmtpp3.2/4, ML3.2/1, Error ellipse: s-maj=84.9km s-min=29.0km az=112.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURB Kurchatov Arra, KURK Kurchatov, IDC 21 04:54:59.7.32.0, 15.59N:155.70E, h0km, mb3.8/4, mb1.3/9.4, mb1mx3.5/34, mbmtpp3.8/4, Error ellipse: s-maj=60.9km s-min=61.5km az=53.0 NEIC 21 04:54:59.1.0.2, 15.8N:0.1:55.40E:0.06, h10km, 2km, mb4.0/4, Error ellipse: s-maj=18.4km s-min=8.5km az=197.0 IDC 21 04:54:59.6.1.0, 15.6N:0.1:55.45E:0.1, h10km, n12, r15/15, mb3.9/6, Owen Fracture Zone region Code Station Name Az Az2 Op Phase ID ISC Time Res h m s ISC WRA Warramunga Arr 19.58 217 P P 04 55 54.3 +0.5 ASAR Alice Springs 22.75 211 P P 05 06 28.1 -0.4 MKAR Makanchi Array 29.98 30 P P 04 53 13.1 +0.1 ILAR Eileison Array 84.12 23 P P 05 03 56.6 0.0 IDC 21 04:54:59.7.32.0, 15.59N:155.70E, h0km, mb3.8/4, mb1.3/9.4, mb1mx3.5/34, mbmtpp3.8/4, Error ellipse: s-maj=60.9km s-min=61.5km az=53.0 NEIC 21 04:54:59.1.0.2, 15.8N:0.1:55.40E:0.06, h10km, 2km, mb4.0/4, Error ellipse: s-maj=18.4km s-min=8.5km az=197.0 IDC 21 04:54:59.6.1.0, 15.6N:0.1:55.45E:0.1, h10km, n12, r15/15, mb3.9/6, Owen Fracture Zone region Code Station Name Az Az2 Op Phase ID ISC Time Res h m s ISC SOCY Socotra 3.70 202 P P 04 55 57.2 +0.1 RAYN Ar Rayn 12.20 312 Pn Pn 04 57 53.5 -0.2 MAKZ Makanchi 38.13 30 P P 05 02 20.2 +1.3 MAKZ comp=Z:5.1nm,1.6s MK31 Makanchi Array 38.27 30 P P 05 02 20.9 +0.7 MKAR Makanchi Array 38.27 30 P P 05 02 21.1 +1.0 CMAR Chiang Mai Arr 41.63 90 P P 05 02 48.3 -0.1 ZAAO Zalevoso Array 44.58 24 P P 05 03 12.0 +0.2 ZAAO comp=Z:1.9nm,0.9s ZAAO Zalevoso Beam 44.58 24 P P 05 03 13.5 +1.7 SONM Songino Array 52.65 41 P P 05 04 12.8 -1.4 H01W3 Cape Leeuwin H 75.00 133 T T 06 27 57.4 H01W2 Cape Leeuwin H 75.00 133 T T 06 27 58.4 H01W1 Cape Leeuwin H 75.13 133 T T 06 27 59.2 IDC 21 05:07:54.3.2.0, 7.55S:127.00E, h0km, mb3.5/1, mb1.4/3.3, mb1mx3.7/21, mbmtpp4.1/3, ML4.4/2, Error ellipse: s-maj=269.6km s-min=31.1km az=63.0 DJA 21 05:08:11.1.0.5, 8.5S:12.8E, h122km, 27km, M4.2/8, mb4.3/3, mb5.3/2, MLV4.2/8, MW(MB)4.7/2 IDC 21 05:08:08.0.1.0, 7.78S:126.17E:0.07, h150km, n8, r25/11/12, Banda Sea Code Station Name Az Az2 Op Phase ID ISC Time Res h m s ISC AAI Ambon 4.07 0 P P 05 09 09.6 +0.4 MASAI Masohi 4.07 10 P Pn 05 09 15.9 +1.4 BSAI Bauinta 5.46 241 P Pn 05 09 23.9 +1.6 BSAI Bauinta 5.46 241 P Pn 05 10 19.0 +1.2 SANI Sanana 9.09 339 P Pn 05 09 35.9 -0.2 EDFI Ende, Flores 6.48 261 P P 05 09 42.2 +0.9 EDFI 0.0nm,2.5nm,0.8s S Sn 05 10 53.4 -1.0 WRA Warramunga Arr 13.49 154 Pn P 05 11 16.5 -1.1 WRA 0.0nm,0.3s,baz=328,slow=14,SNR=7.0 Sn Sn 05 13 40.9 -2.1 ASAR Alice Springs 16.73 161 P Pn 05 11 58.5 +4.7 ASAR 1.0nm,0.3s,baz=336,slow=11,SNR=5.6 S S 05 14 57.8 -2.0 MKAR Makanchi Array 67.90 328 P P 05 18 49.8 -0.8

IDC 21 05:07:54.3.2.0, 7.55S:127.00E, h0km, mb3.5/1, mb1.4/3.3, mb1mx3.7/21, mbmtpp4.1/3, ML4.4/2, Error ellipse: s-maj=269.6km s-min=31.1km az=63.0 DJA 21 05:08:11.1.0.5, 8.5S:12.8E, h122km, 27km, M4.2/8, mb4.3/3, mb5.3/2, MLV4.2/8, MW(MB)4.7/2 IDC 21 05:08:08.0.1.0, 7.78S:126.17E:0.07, h150km, n8, r25/11/12, Banda Sea Code Station Name Az Az2 Op Phase ID ISC Time Res h m s ISC AAI Ambon 4.07 0 P P 05 09 09.6 +0.4 MASAI Masohi 4.07 10 P Pn 05 09 15.9 +1.4 BSAI Bauinta 5.46 241 P Pn 05 09 23.9 +1.6 BSAI Bauinta 5.46 241 P Pn 05 10 19.0 +1.2 SANI Sanana 9.09 339 P Pn 05 09 35.9 -0.2 EDFI Ende, Flores 6.48 261 P P 05 09 42.2 +0.9 EDFI 0.0nm,2.5nm,0.8s S Sn 05 10 53.4 -1.0 WRA Warramunga Arr 13.49 154 Pn P 05 11 16.5 -1.1 WRA 0.0nm,0.3s,baz=328,slow=14,SNR=7.0 Sn Sn 05 13 40.9 -2.1 ASAR Alice Springs 16.73 161 P Pn 05 11 58.5 +4.7 ASAR 1.0nm,0.3s,baz=336,slow=11,SNR=5.6 S S 05 14 57.8 -2.0 MKAR Makanchi Array 67.90 328 P P 05 18 49.8 -0.8

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 21 05:40:17.5.0.6, 26.29N:142.55E, h0km, mb4.2/21, mb1.4/4.2/3, mb1mx3.4/4, mbmtpp4.2/23, ML3.2/2, MS3.7/20, ms1mx3.7/20, ms1mx3.5/39, Error ellipse: s-maj=19.1km s-min=13.2km az=73.0 JMA 21 05:47:07.0.0.1, 26.36N:143.07E, h16km, 1km, M4.6 JMA Felti J1. Code Station Name Az Az2 Op Phase ID ISC Time Res h m s ISC AAI Ambon 4.07 0 P P 05 09 09.6 +0.4 MASAI Masohi 4.07 10 P Pn 05 09 15.9 +1.4 BSAI Bauinta 5.46 241 P Pn 05 09 23.9 +1.6 BSAI Bauinta 5.46 241 P Pn 05 10 19.0 +1.2 SANI Sanana 9.09 339 P Pn 05 09 35.9 -0.2 EDFI Ende, Flores 6.48 261 P P 05 09 42.2 +0.9 EDFI 0.0nm,2.5nm,0.8s S Sn 05 10 53.4 -1.0 WRA Warramunga Arr 13.49 154 Pn P 05 11 16.5 -1.1 WRA 0.0nm,0.3s,baz=328,slow=14,SNR=7.0 Sn Sn 05 13 40.9 -2.1 ASAR Alice Springs 16.73 161 P Pn 05 11 58.5 +4.7 ASAR 1.0nm,0.3s,baz=336,slow=11,SNR=5.6 S S 05 14 57.8 -2.0 MKAR Makanchi Array 67.90 328 P P 05 18 49.8 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S, P, AML. Includes stations like JMB Yambol, THAS Thassos island, THAS Thassos island, etc.

THE 21 06:36:03.4, 38.42N-20.45E, h19km, 3km, ML2.0/2, Error ellipse: s-maj=3.3km s-min=1.1km az=263.0

ATH 21 07:06:35.9, 38.72N-20.61E, h6km, 2km, ML2.5/8, Error ellipse: s-maj=1.6km s-min=0.6km az=141.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S, P, AML. Includes stations like DRAG Dragano-Lefkad, FSK Fiskardo, FSK Fiskardo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S, P, AML. Includes stations like RLS Riolos of Patr, ANX Ano Chora, DRQ Efpalio, etc.

IDC 21 06:54:21.6, 1.5, 4.24N, 126.64E, h0km, mb3.7/5, mb1.4/0.6, mb1mx3.4/4.3, mbtmp3.8/5, Error ellipse: s-maj=101.7km s-min=21.0km az=68.0

DJA 21 06:54:28.2, 1.2, 4.1N, 126.4E, h0.1, h45km, n9, s079/10, mb3.6/5, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S, P, AML. Includes stations like SGTI Sangihe, GTOI Gorontalo, MRSI Marisa, etc.

DJA 21 06:57:34.8, 0.6, 5.1N, 127.7E, h129km, 7km, M4.3/6, mb4.2/4, mb4.7/4, MLV4.4/6, Mw(mb)3.9/4

MAN 21 06:57:38.8, 5.56N, 126.74E, h29km, mb4.5, ML3.4, MS3.2

ISC 21 06:57:36.5, 0.8, 5.42N, 126.72E, 0.1, h100km, n16, s154/19, mb3.9/9, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S, P, AML. Includes stations like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W), etc.

DJA 21 06:58:47.9, 1.8, 1.1S, 123.13E, h21km, 4km, M2.8/4, MLV2.8/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S, P, AML. Includes stations like SWI Sorong, SWI Sorong, LBMI Labuha, etc.

ATH 21 07:06:35.9, 38.72N-20.61E, h6km, 2km, ML2.5/8, Error ellipse: s-maj=2.4km s-min=0.8km az=318.0

THE 21 07:06:36.5, 38.71N-20.59E, h0km, 1km, ML2.5/13, Error ellipse: s-maj=1.6km s-min=0.6km az=141.0

ISC 21 07:06:35.9, 0.9, 38.71N, 120.02-20.59E, 0.03, h4km, 5km, n35, s100/56, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S, P, AML. Includes stations like DRAG Dragano-Lefkad, DRAG Dragano-Lefkad, DRAG Dragano-Lefkad, etc.

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

IDC 21 07:16:42.1, 1.0, 38.77N, 20.50E, h0km, mb3.9/8, mb1.3/1.4, mb1mx3.7/5.0, mbtmp3.7/4, ML3.6/6, MS3.1/15, Ms1.3/1.5, ms1mx2.9/5.5, Error ellipse: s-maj=19.2km s-min=15.8km az=56.0

THE 21 07:16:43.7, 38.73N-20.63E, h7km, 1km, ML4.1/6, Error ellipse: s-maj=1.3km s-min=0.6km az=302.0

BEO 21 07:16:43.6, 0.9, 38.67N, 20.20E, h0km, ML3.8/12, ATH 21 07:16:43.6, 38.74N-20.66E, h8km, 1km, ML3.8/5, Error ellipse: s-maj=2.9km s-min=0.8km az=89.0

NEIC 21 07:16:44.4, 1.8, 38.72N, 120.03-20.58E, 0.06, h10km, 7km, Error ellipse: s-maj=7.7km s-min=3.0km az=65.0

ISC 21 07:16:43.4, 0.7, 38.73N, 120.02-20.61E, 0.03, h9km, 4km, n156, s159/190, mb3.9/10, MS2.9/9, 12C-10D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S, P, AML. Includes stations like DRAG Dragano-Lefkad, DRAG Dragano-Lefkad, DRAG Dragano-Lefkad, etc.

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

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

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

1317 08:13:51.64-4.8, 14.59S; 167.33E, h174km, mb3.3/6, mb1 3.5/7, mb1mx3.2/46, mbmtmp3.9/7, Error ellipse: s-maj=33.7km s-min=31.4km az=9.0

1317 08:13:50.61-4.14, 14.55S; 0.11674E; 0.2, h170km, n7, az=66.7, mb3.5, Vanuatu Islands

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

1317 08:32:04.51-1.5, 15.52S; 174.80W, h0km, mb3.9/7, mb1 4.3/7, mb1mx4.0/23, mbmtmp3.9/7, MS3.8/7, Mb1 3.8/7, ms1mx3.5/31, Error ellipse: s-maj=76.2km s-min=23.7km az=1.7

1317 08:32:04.91-1.5, 15.75S; 0.4; 174.6W; 0.2, h10km, n30, az=168.9, mb4.0/7, MS3.8/6, Tonga Islands

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

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

OTT 21 08:51:45.5-0.5, 42.85N; 56.23W, h18km, ML3.8/6, Atlantic Ocean, 453km southeast from Louisbourg, Ns, North Atlantic Ocean

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

MOS 21 09:06:06.6-0.9, 7.10S; 129.88E, h39km, mb6.3/72, MS5.0/15, Error ellipse: s-maj=7.8km s-min=4.4km az=112.9

NEIC 21 09:06:11.7; 7.15S; 129.94E, h84km, Moment Tensor Solution. Duration: 200 Moment tensor: Scale 10^18Nm; Mn:0.84; Mw:0.24; Mo:0.46; Mw:0.65; Mw:0.50; Fault plane solution: M1: 2.0000; 1018 NP1: 8.0 14000; 655.00000; 1.41.97000; NP2: 329.38000; 852.67000; 1.148.00000; Principal axes: T 1.2259, Plg47.0000; P -1.1721, Plg8.0000; Azm220.0000; BUI 21 09:06:11.0-0.0, 7.25S; 130.05E, h90km, mb5.8/68, Mb5.8/91, MS5.5/94, MS7.5/289

IDC 21 09:06:12.4-1.0, 7.10S; 130.03E, h82km, mb5.6/40, mb1 5.6/44, mb1mx5.5/47, mbmtmp5.9/44, MS5.0/27, Mb1 5.0/27, ms1mx4.8/40, Error ellipse: s-maj=12.1km s-min=9.4km az=78.0

NEIC 21 09:06:13.5-1.8, 7.15S; 0.05-129.94E; 0.06, h82km, 1km, mb6.0/185, Mw6.0/39, Mw6.0/56, Mw6.1, Mw6.0(GCMT), Error ellipse: s-maj=10.8km s-min=7.6km az=48.0

DJA 21 09:06:13.9-0.2, 7.2S; 13.0E; h82km, 2km, Mb5.8/107, Mb6.2/92, mb6.0/107, Mb6.5/12, Mw6.0/55, Mw(m)5.9/92, MwMwp5.7/85, Mwp5.8/85

NEIC 21 09:06:13.7; 31S; 130.23E, h80km, Moment Tensor Solution. Duration: 250 Moment tensor: Scale 10^18Nm; Mn:0.91; Mw:1.11; Mw:0.20; Mw:0.21; Mw:0.83; Mw:0.73; Fault plane solution: M1: 1.5200; 1018 NP1: 8.0 00000; 1.39.00000; 1.39.00000; NP2: 328.00000; 360.00000; 1.137.00000; Principal axes: T 1.5233, Plg51.0000; Azm293.0000; N -0.0053, Plg39.0000; Azm120.0000; P -1.5180, Plg3.0000; Azm270.0000; GCMT 21 09:06:15.5-0.1, 7.22S; 130.11E, h100km, Mw6.0/157, Moment Tensor Solution. s156.c353; s157.c536; Duration: 26 Moment tensor: Scale 10^18Nm; Mn:0.86; Mw:1.05; Mw:0.01; Mw:0.18; Mw:0.22; Mw:0.1; Mw:0.84; Mw:0.62; Mw:0.1; Best double couple: Mw1.44200; 1018 NP1: 8.0 00000; 855.00000; 1.39.00000; NP2: 329.00000; 859.00000; 1.138.00000; Principal axes: T 1.4040, Plg50.0000; Azm295.0000; N 0.0800, Plg39.0000; Azm119.0000; P -1.4810, Plg2.0000; Azm28.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 21 09:06:17.2; 20S; 130.10E, h103km, Moment Tensor Solution. Duration: 152 Moment tensor: Scale 10^18Nm; Mn:0.85; Mw:1.06; Mw:0.21; Mw:0.21; Mw:0.90; Mw:0.63; Fault plane solution: M1: 4.8000; 1018 NP1: 8.0 00000; 555.00000; 1.37.00000; NP2: 331.00000; 360.00000; 1.139.00000; Principal axes: T 1.4278, Plg49.0000; Azm295.0000; N 0.1245, Plg41.0000; Azm121.0000; P -1.5346, Plg3.0000; Azm298.0000; NEIC 21 09:06:32.7; 6.99S; 129.89E, h80km, Moment Tensor Solution. Duration: 150 Moment tensor: Scale 10^18Nm; Mn:0.91; Mw:1.05; Mw:0.15; Mw:0.16; Mw:0.80; Mw:0.57; Fault plane solution: M1: 1.4000; 1018 NP1: 8.0 327.09000; 857.81000; 1.134.33000; NP2: 85.70000; 852.75000; 1.42.02000; Principal axes: T 1.3359, Plg54.0000; Azm293.0000; N 0.1252, Plg36.0000; Azm120.0000; P -1.4611, Plg3.0000; Azm270.0000; ISC 21 09:06:12.9-0.3, 7.16S; 0.003; 129.99E; 0.03, h90km, 2km, mb5.8/92, mb5.8/92, P, n1503, e1984/1668, mb6.0/220, 131C-77D, Banda Sea

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

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

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

21d 9h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MK31, MKAR, SATY, MA2, etc.

2015 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SEM, ZAAO, ZALV, ZALZ, etc.

1320

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UOSS, UOSS, HATD, ASHO, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, Date, Time, and other details. Includes stations like QRN, KBD, UMR, RDF, MIB, RAYN, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, Date, Time, and other details. Includes stations like KBZ, SCM, GUR, NEY, WRH, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, Date, Time, and other details. Includes stations like KLMR, VNA2, I29M, MOS, etc.

1325

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like TEYL Yanliu Villag, ETL Fush Village, ETM Tongmen, etc.

2015 NOV

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like NNST Nanjuang, LIOB Em, WJS Zhushan, etc.

21d 10h

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like CHN1 Tainan City, SNST Jianshan, etc.

Code Station Name Az El P S Res Time Res
MKAR Makanchi Array 25.85 338 P P 10 04 49.1 0.0
WRA Warramunga Arr 56.98 136 P P 10 09 03.6 +0.1
ASAR Alice Springs 59.47 139 P P 10 09 20.8 -0.2

IDC 21 10:02:12.0,3.1,33.59s,178.76W,h0km,mb3.8/2,
mb1.4/1.3,mb1mx3.6/30,mbtmp3.9/3,ML4.4/1,Error
ellipse: s-maj=71.3km s-min=45.5km az=124.0
NEIC 21 10:02:15.4,0.4,33.75s,0.1x178.9W,0.2,h10km,2km,
mb4.2/1.1,Error ellipse: s-maj=26.7km s-min=19.3km
az=123.0
WEL 21 10:02:17.1,1.1,34.5,19.17.9W,2.4,h174km,38km,
M4.0/16,mb4.5/9,ML4.6/20,MLV4.3/16,Mw(mB)3.7/9,
Error ellipse: s-maj=0.0km s-min=0.0km az=124.9
ISC 21 10:02:19.3,1.1,33.75s,0.09,178.9W,0.1,h48km,n45,
e1945/64,mb4.0/8,South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like MXZ Matakaoa Point, WNGZ Waiomatatini S, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for IRIF, CHN2, WTK, etc.

ANF 21 11:00:17.6:0.5, 36.95N:97.79W, h2km, 3km, ML3.3/9, Error ellipse: s-maj=2.4km s-min=2.2km az=52.0

TUL 21 11:00:17.5:1.4, 36.94N:0.02:97.806W:0.009, h3km, 7km, ML2.9, mb, Lg2.7/3(NEIC), Error ellipse: s-maj=2.3km s-min=1.0km az=189.0

NEIC 21 11:00:17.9:1.1, 36.93N:0.01:97.79W:0.01, h5km, 1km, Error ellipse: s-maj=2.9km s-min=2.1km az=244.0

ISC 21 11:00:17.8:0.9, 36.93N:0.02:97.80W:0.02, h6km, 7km, n75, c0571/99, Oklahoma

Main station list for Oklahoma region, including Grant County, Manchester OK, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for X37A, HHAR, S39A, etc.

TUL 21 11:01:29.6:0.8, 36.66N:0.02:98.47W:0.04, h8km, 2km, ML2.9, mb, Lg2.8/3(NEIC), Error ellipse: s-maj=5.0km s-min=4.0km az=70.0

NEIC 21 11:01:29.3:0.9, 36.66N:0.01:98.50W:0.04, h5km, 2km, Error ellipse: s-maj=6.1km s-min=3.0km az=70.0, Oklahoma

Main station list for Oklahoma region, including Salt Plains, Carrier, etc.

TUL 21 11:08:49.1:3, 36.66N:0.05:98.46W:0.06, h7km, 7km, ML2.7, mb, Lg2.4/3(NEIC), Error ellipse: s-maj=6.6km s-min=6.1km az=217.0

NEIC 21 11:08:49.1:1.7, 36.63N:0.04:98.47W:0.04, h6km, 7km, Error ellipse: s-maj=6.8km s-min=2.8km az=223.0, Oklahoma

Main station list for Oklahoma region, including Salt Plains, Carrier, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for QUOK, OK030, T35A, etc.

TAP 21 11:26:08.9, 23.27N:122.04E, h46km, ML3.1, D JMA 21 11:26:08.2:0.1, 23.29N:122.05E, h32km, M2

ISC 21 11:26:07.8:1.2, 23.28N:0.02:122.05E:0.03, h21km, 5km, n82, c073/131, Taiwan region

Main station list for Taiwan region, including Changbin, Ruisui, etc.

BOO	Bordano	0.28 1151	ePg	Pg	11 52 43.6	-0.3
BOO			eSg	Sg	11 52 48.3	+0.5
MLNI	Malnisio	0.30 1971	ePg	Pg	11 52 44.3	-0.7
PLRO	Paularo	0.30 691	ePg	Pg	11 52 44.3	-0.2
FI RO			eSg	Sg	11 52 49.4	+0.7
CSO	Casso	0.34 340	ePg	Pg	11 52 48.6	-0.8
CSO			eSg	Sg	11 52 48.8	-0.5
ABTA	Abfaltersbach	0.33 233	ePg	Pg	11 52 44.8	-0.5
	comp=E,330nm,0.1s,SNR=471					
ABTA			i Sg	Sg	11 52 49.2	-0.7
	comp=E,455nm,0.1s					
AFL	Alpe Falaria	0.40 2831	ePg	Pg	11 52 45.5	-0.7
AFL			eSg	Sg	11 52 51.1	-0.4
BAD	Bernadia	0.41 1201	ePg	Pg	11 52 45.9	-0.4
BAD			eSg	Sb	11 52 52.8	-0.8
VBNS	Villanova	0.42 1161	ePg	Pg	11 52 46.1	-0.5
VINO			eSg	Sg	11 52 52.7	+0.6
VINO	Villanova	0.42 116	i P	S	11 52 46.0	-0.5
VINO			S	Sg	11 52 52.8	+0.6
VINO			AML	AML		
VINO	comp=N,6570um,1.5s					
VINO	comp=E,6085um,0.2s					
PTCC	Patocco-Chiusa	0.43 94	i P	Pg	11 52 46.5	-0.3
PTCC			S	Sb	11 52 54.0	-0.3
PTCC			AML	AML		
PTCC	comp=N,12400um,1.3s					
POLC	Polcenigo	0.44 202	P	Pg	11 52 46.7	-0.3
POLC			S	Sb	11 52 54.5	-0.1
POLC			AML	AML		
POLC	comp=E,14750um,0.6s					
POLC			AML	AML		
POLC	comp=N,9690um,0.7s					
CAE	Caneva	0.48 206	ePg	Pg	11 52 46.8	-0.9
AGOR	Agordo	0.50 252	ePg	Pg	11 52 47.5	-0.6
AGOR	Agordo	0.50 252	P	Pg	11 52 47.9	-0.2
AGOR			AML	AML		
AGOR	comp=N,3005um,0.4s					
AGOR	comp=E,2615um,0.4s					
AGOR			AML	AML		
COLI	Coloredo	0.54 124	ePg	Pg	11 52 48.6	-0.2
ACOM	Acomizza, Ital	0.55 781	ePg	Pg	11 52 49.0	0.0
ACOM			eSg	Sb	11 52 57.2	-0.6
ACOM	Acomizza, Ital	0.55 78	i P	S	11 52 48.8	-0.1
ACOM			S	Sb	11 52 57.3	-0.6
ACOM			AML	AML		
ACOM	comp=E,22050um,0.3s					
ACOM			AML	AML		
ACOM	comp=N,19400um,0.2s					
LSR	Lussari	0.55 86	ePg	Pg	11 52 48.6	-0.3
FAU	Forcella Aurin	0.56 249	ePg	Pg	11 52 48.3	-1.0
ROBS	Robic	0.57 110	i Pg	Pg	11 52 52.4	+0.4
ROBS			Sg	Sg	11 53 00.4	
ROBS			AML	AML		
PRED	Cave del Predi	0.57 89	i Pg	Pg	11 52 48.9	-0.5
PRED			Sb	Sb	11 52 58.5	+0.1
TEI	Talmassons	0.58 154	ePg	Pg	11 52 49.2	-0.2
VARN	Col Varnada, M	0.63 225	ePg	Pg	11 52 49.9	-0.5
VARN	Col Varnada, M	0.63 225	P	Pg	11 52 48.8	-1.6
VARN			AML	AML		
VARN	comp=E,3350um,0.7s					
VARN	comp=N,2490um,1.5s					
MYKA	Terra Mystica	0.65 73	ePg	Pg	11 52 50.4	-0.5
MYKA			eSg	Sg	11 52 59.7	+0.2
MYKA	comp=N,78nm,0.2s,SNR=35					
RISI	Rein	0.68 319	i P	AML	11 52 50.9	-0.6
RISI			AML	AML		
RISI	comp=E,4685um,0.6s					
RISI			AML	AML		
DRE	Drenchia	0.68 113	ePg	Pg	11 52 51.1	-0.4
ED06	Collato TV	0.69 212	ePg	Pg	11 52 50.8	-0.8
CADS	Cadrig	0.72 107	i Pg	Pg	11 52 51.2	-1.0
CADS			Sg	Sb	11 53 02.8	+0.1
CADS			AML	AML		
BRES	Bressanone	0.74 291	P	AML	11 52 51.6	-1.0
BRES			Pg	Pg		
BRES	comp=E,1324um,0.9s					
BRES	comp=N,1506um,1.1s					
BRES			AML	AML		
BRES	comp=N,1509um,1.1s					
BRES			AML	AML		
KBA	Koelbreinsper	0.76 33	ePg	Pg	11 52 52.6	-0.5
KBA			eSg	Sg	11 53 02.7	-0.4
KBA	comp=E,463nm,0.3s					
KBA	Koelbreinsper	0.76 33	ePg	Pg	11 52 52.7	-0.4
KBA			eSg	Sg	11 52 52.7	-0.4
MTLO	Montello	0.77 216	ePg	Pg	11 52 54.3	-0.3
CTI	Castel Tesino	0.85 243	P	Sb	11 53 06.8	+0.4
CTI			S	Sb		
CTI			AML	AML		
CTI	comp=N,3095um,0.9s					
CTI			AML	AML		
CTI	comp=E,2410um,1.4s					
CGRP	Cima Grappa	0.86 230	ePg	Pg	11 52 53.9	-0.9
CGRP	Cima Grappa	0.86 230	P	Pg	11 52 55.1	+0.3
CGRP			AML	AML		
CGRP	comp=N,1600um,0.6s					
CGRP	comp=E,2440um,0.6s					
GORS	Gorjuse	0.88 98	i Pg	Pg	11 52 54.1	-1.1
GORS			Sg	Sb	11 53 08.0	+0.7
GORS			i Sg	Sg	11 53 12.9	
GORS	comp=N,358nm,0.2s					
VOJS	Vojsko	0.89 117	ePg	Pg	11 52 54.2	-1.3
VOJS			eSg	Sn	11 53 08.8	-0.9
VOJS			AML	AML		
VOJS	comp=N,2456nm,0.2s					
KOSI	Kohlern	0.94 272	P	Pg	11 52 55.9	-0.5
KOSI			S	Sg	11 53 08.7	+0.1
KOSI			AML	AML		
KOSI	comp=E,1375um,0.5s					
ABSI	Aberstueckl	1.02 287	P	Pg	11 52 56.8	-1.1
ABSI			AML	AML		
ABSI	comp=E,2110um,0.6s					
ABSI	comp=N,2095um,0.8s					
ROSI	Rosskopf	1.03 299	i P	Pg	11 52 57.3	-0.9
ROSI			AML	AML		
ROSI	comp=E,1410um,0.9s					
ROSI	comp=N,1480um,1.2s					
APPI	Appiano	1.04 273	P	Pg	11 52 57.4	-0.9
APPI			S	Sg	11 53 10.4	-1.5
APPI			AML	AML		
APPI	comp=E,1160um,0.3s					
APPI	comp=N,1108um,0.5s					
APPI			AML	AML		
APPI	comp=N,1107um,0.5s					
JAVS	Javornik	1.07 120	i Pg	Pg	11 52 57.3	-1.6
JAVS			i	Sb	11 52 60.0	
JAVS			i Sg	Sb	11 53 13.2	+0.4
JAVS			AML	AML		
JAVS			AML	AML		
JAVS	comp=N,541nm,0.3s					
CRNS	Crni Vrh	1.12 108	i Pg	Pb	11 52 58.4	-1.1
CRNS			Sg	Sb	11 53 16.9	+1.8
CRNS			AML	AML		
CRNS	comp=N,21um,0.4s					
CRNS	comp=N,254nm,0.2s,SNR=74					
WTTA	Wattenberg	1.12 318	ePg	Pg	11 53 14.0	-0.3
WTTA			eSg	Sg	11 53 14.0	-0.3
WTTA	comp=N,231nm,0.4s					
WTTA			AML	AML		
WTTA	comp=E,973um,0.6s					
WTTA			AML	AML		
WTTA	comp=N,1120um,0.8s					
WTTA	Wattenberg	1.12 318	ePg	Pg	11 52 59.2	-0.6
WTTA			eSg	Sg	11 52 59.2	-0.6
WTTA	comp=N,231nm,0.4s					
WTTA			AML	AML		
WTTA	comp=N,1120um,0.8s					
WTTA	Wattenberg	1.12 318	ePg	Pg	11 52 59.2	-0.6
WTTA			eSg	Sg	11 52 59.2	-0.6
WTTA	comp=N,231nm,0.4s					
WTTA			AML	AML		
WTTA	comp=N,1120um,0.8s					
WTTA	Wattenberg	1.12 318	ePg	Pg	11 52 59.2	-0.6
WTTA			eSg	Sg	11 52 59.2	-0.6
WTTA	comp=N,231nm,0.4s					
WTTA			AML	AML		
WTTA	comp=N,1120um,0.8s					
WTTA	Wattenberg	1.12 318	ePg	Pg	11 52 59.2	-0.6
WTTA			eSg	Sg	11 52 59.2	-0.6
WTTA	comp=N,231nm,0.4s					
WTTA			AML	AML		
WTTA	comp=N,1120um,0.8s					
WTTA	Wattenberg	1.12 318	ePg	Pg	11 52 59.2	-0.6
WTTA			eSg	Sg	11 52 59.2	-0.6
WTTA	comp=N,231nm,0.4s					
WTTA			AML	AML		
WTTA	comp=N,1120um,0.8s					
WTTA	Wattenberg	1.12 318	ePg	Pg	11 52 59.2	-0.6
WTTA			eSg	Sg	11 52 59.2	-0.6
WTTA	comp=N,231nm,0.4s					
WTTA			AML	AML		
WTTA	comp=N,1120um,0.8s					
WTTA	Wattenberg	1.12 318	ePg	Pg	11 52 59.2	-0.6
WTTA			eSg	Sg	11 52 59.2	-0.6
WTTA	comp=N,231nm,0.4s					
WTTA			AML	AML		
WTTA	comp=N,1120um,0.8s					
WTTA	Wattenberg	1.12 318	ePg	Pg	11 52 59.2	-0.6
WTTA			eSg	Sg	11 52 59.2	-0.6
WTTA	comp=N,231nm,0.4s					

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GLBA Ciliabad, LKRN Lenkeran, Qoradz, Saatly, Ahar, Heris, Kurdemir, Agdam, Sarab, Brd, Ismayilli, Pirkuli, Caspian, Bostanabad, Altiaghaj, Tabriz, Gabala, Mingechevir, Hashtrud, Khinaliq, Sheki, Quba, IAZR, Qusar, Heyderabad, Jirandeh, Zakatala, Qazax, Ghazvin, Alamut, Abgarm-Qazvin, Peran, Ghaloghah, ISHO, Shahrizud.

IDC 21 14:00:38.0.2.2.6:18N,126.77E,h0km,mb3.3/4, mb1 3.5/4, mb1mx3.3/39,mbtmp3.4/4, Error ellipse: s-maj=92.3km s-min=20.6km az=60.0

MAN 21 14:00:43.9.6.08N:126.35E,h6km,mb4.6,ML4.4,MS3.3 ISC 21 14:00:38.4.1.8.63N:0.3:127.1E:0.3,h10km,n11,-2503/6,mb3.3/4,Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, MKAR Makanchi Array.

TUL 21 14:04:13.6.0.9.36:945N:010:07:82W:0103,h4km,6km, ML3.0,mb,Lq2.625(NEIC), Error ellipse: s-maj=3.3km s-min=1.4km az=95.0

NEIC 21 14:04:13.8.0.8.36:92N:010:07:81W:0103,h6km,6km, s-maj=3.3km s-min=1.4km az=66.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GC02 Grant County, KAN17 Caldwell West, KAN14 Manchester OK, KAN05 Bluff City, KAN01 Argonia South, KAN09 Caldwell North, KAN10 Anthony SW Sta, KAN06 Argonia West S, OK032 Salt Plains, KAN16 Harper SW Stat, KAN12 Harper NE Stat, CROK Carrier, BLOK Blackwell, T35A Sooner Cattle, OK029 Liberty Lake, QUOK Quay, OK031 S. Brethren Rd, BCOK Bluff Creek, N OK030 Cody Creek RV, OKCFA Oklahoma City, R32A Long Quarter, FNO Franklin, TUL1 Leonard, WMOK Wichita Mounta, KSU1 Kansas State, X37A Clayton, X37A Clayton, HHAR Hobbs, S39A Bolivar, W39A Magazine, AMTX Amarillo.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like U40A Yellville, MIAR Mount Ida, P38A Davas, X40A Basin Creek, N38A Jones South, P38M Poplar Bluff, JCT Junction City.

MAN 21 14:26:58.1,13:58N:120.95E,h1km,mb3.8,ML2.6,MS2.1, Mindoro

IDC 21 14:44:40.5:64.0,19:32S:176:99W,h0km,mb3.9/3, mb1 4.0/3,mb1mx3.7/21,mbtmp3.9/3, Error ellipse: s-maj=1174.0km s-min=171.4km az=82.0, Fiji Islands region

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

IDC 21 15:12:31.8:1.8,22:83N:143:67E,h47km,16km,mb4.0/24, mb1 4.1/27,mb1mx4.0/47,mbtmp4.3/27,ML3.9,MS3.2/12, Ms1 3.2/12,ms1mx2.9/49, Error ellipse: s-maj=18.0km s-min=9.6km az=90.0

NEIC 21 15:12:33.0:1.9,22:82N:07:143:7E:0.2,h53km,7km, mb4.6/26, Error ellipse: s-maj=20.7km s-min=8.2km az=75.0

JMA 21 15:12:33.8:0.1,23:44N:144:63E,h70km,MS1.1 ISC 21 15:12:31.4:1.5,22:84N:006:143.72E:0.10,h43km,12km, n108,s17/105,mb4.5/56,MS3.1/9, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHH2 Haha-jima-NKT2, CBJH Chichijima, CJJ Chichijima, JCU Guam, JMDJ Mudanjiang, KSR5 Korea Arr, KSR9 Korea Arr, KS19 Wunju Array, SSSL Suwanglung, ASAJ Asahikawa, TPUB Ta-pu, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, USA0B Ussuriysk Arr, USR9 Ussuriysk Arr, USR8 Ussuriysk Arr, NJ2 Nanjing, MDJ Mudanjiang, SJI Sorong, Kufdur Kufdur, PETK Petropavlovsk, PMG Port Moresby, XAN Xi'an, XAN Xi'an, XAN Xi'an, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, COEN Coen, SBUM Sibiu, SBUM Sibiu, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, MDJ Manton Dam, SOTI Soe, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, GTA Gaotai, GTA Gaotai, GTA Gaotai, GTR Kunurra, CMAR Chiang Mai Arr, CTAO Charters Tower.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTAO Warramunga Arr, WB0 Warramunga Arr, WR0 Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, LEM Lembar, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, DZM Mont Dzumac, WQM Urumqi, WQM Urumqi, WQM Urumqi, WQM Urumqi, WQM Urumqi, TAPN Taplejung, ODAN Odare, RAMN Ramite, JIRN Jiri, GUN Gumba, PKI Pulchoki, PKIN Pulchoki, KKN Kakani, DMN Daman, GKN Gorkha, ZALV Zalesov Beam, ZALV Zalesov Beam, DANN Danging, KOLN Koldanda, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, STKA Stephens Creek, STKA Stephens Creek, MAKZ Makanchi, PYUN Pyuthan, KURK Kurchatov, NR1K Norik'sh, KSH Kashi, ILAR Eielson Array, ILAR Eielson Array, BRVK Borovoye, BRVK Borovoye, KKAR Karat Array, INK Inuvik, ABKAR Akbulak array, ABKAR Akbulak array, ABKAR Akbulak array, YKA Yellowknife Arr, ARCES ARCESS Array B, CMB Columbia Cole, CMB Columbia Cole, KBZ Khabaz, KVAR Kislovodsk Arr, NVAR Misa Array Bea, NVAR Misa Array Bea, FINES FINESS Array B, RLMT Red Lodge, PDAR Pinedale Array, PDAR Pinedale Array, AKASG Malin Array Be, SNAAS Sanas, TORD Torodi Arr, VNAZ Neumayer-Watz, VNAZ Neumayer-Watz, VNA1 Neumayer-Stat, PLCA Paso Flores, PLCA Paso Flores, NOU 21 15:27:17.4,18:22S:168:99E,h115km,MLV4.2/18, Vanuatu Islands, Vanuatu Islands, RTV Rentapao, DVP Devil Point, LIFNC Lifu, LIFNC Lifu, SANVU Sarautou, YATNC Marnie plateau, MONT Mont Dzumac, PINC Pinc Island, OUCN Ouen Island, NOUC Port Laguerre, ONTNC Ouen Toro, KOUNC Koumac, New Ca.

21d 16h

NEIC 21 15:32:12.3z.2.5, 0.99N, 0.08x127.6E, 0.1, h10km, 1km, mb4.5/13, Error ellipse: s-maj=18.1km s-min=13.0km az=241.0

DJA 21 15:32:14.4z.0.5, 1.1N, 2x127.6E, h13km, 4km, M4, 3/17, mb4.8/13, mb4.8/7, MLV4.2/17, Mw(mb)4.1/7

IDC 21 15:32:16.3z.3.2, 0.93N, 127.56E, h41km, 32km, mb4.1/11, mb1.4/2/14, mb1mx3.8/38, mbtmp4.3/14, ML3.7/3, MS3.4/17, Ms1.3/17, ms1mx3.2/45, Error ellipse: s-maj=26.0km s-min=13.8km az=83.0

ISC 21 15:32:12.7z.0.5, 0.97N, 0.05x127.59E, 0.05, h10km, n71, s197/67, mb4.5/22, ML3.4/14, 1C, Halmahera

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

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INET 21 15:34:50.7, 10.28N, 84.27W, h15km, ML3.0 UCR 21 15:34:53.7, 0.9, 10.18N, 84.27W, h86km, 2km, MW3.6,

10D, Costa Rica

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations in Costa Rica.

IDC 21 15:51:24.1z.4.1, 25.47N, 130.90E, h0km, mb3.5/2, mb1.3/6, mb1mx3.4/49, mbtmp3.7/6, ML3.1/3, Error ellipse: s-maj=44.0km s-min=20.9km az=81.0

JMA 21 15:51:27.5, 25.60N, 130.84E, h30km, 2km, M4.1

ISC 21 15:51:27.3z.1, 25.55N, 130.82E, 0.06, h21km, 5km, n25, s192/42, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations in the Southeast of Ryukyu Islands.

IDC 21 16:11:26.5z.1.1, 34.92Sx71.58W, h0km, mb4.2/9, mb1.4/2/10, mb1mx4.0/37, mbtmp4.2/10, ML3.6/1, MS3.0/3, Ms1.2/9, ms1mx2.7/21, Error ellipse: s-maj=40.1km

NEIC 21 16:11:33.7z.1.6, 34.94S, 0.04x71.72W, 0.09, h4.7km, 3km, Error ellipse: s-maj=10.3km s-min=5.7km az=93.0

GUC 21 16:11:34.2z.0.5, 34.95S, 71.63W, h46km, 2km, ML4.2

SJA 21 16:11:34.0, 34.85S, 71.72W, h21km, ML4.4

ISC 21 16:11:33.2z.0.7, 34.95S, 0.03x71.70W, 0.05, h47km, 7km, n110, s194/90, mb4.3/9, 5C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations in Chile.

1332

Table with columns: LME/LMEL, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations in the Las Melosas region.

IDC 21 16:17:48.8z.0.7, 38.84N, 20.52E, h0km, mb4.1/17, mb1.4/128, mb1mx4.0/65, mbtmp4.1/28, ML3.6/10,

1335

Table with columns: IARC, Mare, Loyalty, 13.26 251, P, P, 17 33 17.4 +0.2, etc. Includes stations like Mare, Loyalty, Quenc, DZM, ARMA, etc.

TUL 21 17:59:45.4+1.4, 36.30N, 01:01:96.88W, 0.01, h4km, 7km, ML2.7, mb_Lg2.6/18(NEIC), Error ellipse: s-maj=1.6km, s-min=1.0km az=154.0

NEIC 21 17:59:45.5+0.9, 36.31N, 01:01:96.88W, 0.02, h12km, 11km, Error ellipse: s-maj=2.3km s-min=1.6km az=57.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, etc. Lists various stations like QUOK, OK031, OK030, etc.

2015 NOV

Table with columns: FVM, French Village, 5.42 70, Pn, Pn, 18 01 08.0 +1.8, etc. Includes stations like French Village, Trinidad, Junction City.

MAN 21 18:13:50.2, 13.72N, 119:24E, h58km, mb4.6, ML3.4, MS3.3, Philippine Islands region

IDC 21 18:24:37.6-6.3, 19.79Sx179.07W, h611km, 49km, mb2.8/2, mb1 3.0/3, mb1mx2.7/40, mbtmp3.7/3, Error ellipse: s-maj=219.8km s-min=58.5km az=156.0, Fiji Islands region

AEIC 21 18:28:20.3+1.1, 62.89N, 0:03:148.89W, 0:06, h71km, 5km, ML3.2/128, ML3.5/155(NEIC), Error ellipse: s-maj=4.4km s-min=4.1km az=222.0

NEIC 21 18:28:20.4+1.4, 62.87N, 0:03:148.89W, 0:06, h64km, 6km, Error ellipse: s-maj=4.2km s-min=3.3km az=81.0

ISC 21 18:28:20.2+1.1, 62.89N, 0:03:148.90W, 0:03, h68km, 6km, n196.0, 078/218, Central Alaska

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, etc. Lists various stations like WAT7, WAT1, WAT1, etc.

21d 18h

Table with columns: NEA2, comp=N, 631nm, 0.4s, IAML, 18 29 10.1, etc. Lists various stations like NEA2, HDA, HDA, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like IMEH Mehri, IMRD Marand, IGLO Galoglahah, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like DOK Doka, DOK SNR=10, DOK SNR=10, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like DRGR SNR=7.0, MESR Meeseni, OBN Obninsk, etc.

21d 19h

Table with columns for station name, frequency, mode, and other parameters. Includes stations like JAVC, MODS, MORC, etc.

2015 NOV

Table with columns for station name, frequency, mode, and other parameters. Includes stations like LSA, LSA, LSA, etc.

1338

Table with columns for station name, frequency, mode, and other parameters. Includes stations like SUMG, YAK, YAK, etc.

1343

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like AKASG Malin Array Be, KIBK Kibwezi, ANN Anapa, etc.

2015 NOV

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SOKA Soboth, DAVA Damuels, FETA Feiten, etc.

21d 20h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PDAR Pinedale Array, PDAR comp=E,19nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Black Hills, Casper, Rawlins, LASA Array, etc.

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

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

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

ADC 21 20:45:13.9±1.5, 27.425:67.38E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.3/47, mbtmp3.7/5, Error ellipse: s-maj=51.2km s-min=32.4km az=86.0, Indian Ocean

ADC 21 21:01:12.7±1.0, 43.74N:105.45W, h0km, mb1 3.7/4, mb1mx3.3/38, mbtmp3.4/4, ML3.0/3, Error ellipse: s-maj=23.1km s-min=7.4km az=148.0, NEIC 21 21:01:13.3±1.9, 43.70N:104.05E:26.0/04, h0km, 2km, ML3.2/60, Error ellipse: s-maj=7.6km s-min=3.1km az=32.0

ISC 21 21:01:12.4±0.9, 43.72N:105.105:30W:0'05, h0km, n50, r144/51, Wyoming

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cape Leeuwin, Alice Springs, Warrungarra Arr, etc.

TIF 21 20:42:14.9, 40.88N:47.14E, h33km, 1km MOS 21 20:42:15.5±0.0, 40.93N:46.95E, h12km, MPVA3.3 DDA 21 20:42:17.2, 40.88N:46.72E, h6km, 4km, ML2.3 DRS 21 20:42:19.5±0.0, 40.87N:46.72E, h20km

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries for TOR, ATAH, ESDC, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries for VAO6, AROD, VAO1, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries for PB04, LVC, LVC, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries for ARCES, NVAR, ILAR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries for PEL, PEL, PEL, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries for CRPR, OBIP, CELP, etc.

SJA 21 22:12:30.2-1.2, 30.54S; 72.27W, h15km, 7km, ML4.5, MW4.3

ARCO CERRO ARCO 3.53 131 eP Pb 22 13 30.0 -3.0

ULM Lac du Bonnet 83.19 345 P P 22 24 59.8 +2.1

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries for CO06, CO06, CO06, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries for BO01, BO01, BO01, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries for ZALV, ZALV, ZALV, etc.

Bottom summary text containing station coordinates and error ellipses for various stations.

21d 22h

2015 NOV

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Fray Jorge, La Serena, Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Cunco, LVC, TRQA, ITAB, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like TEKE, AKKU, GULN, etc.

21d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNA4, VNA3, KSM, VNA1, etc.

EAUF 21 23:04:57.1-1.0, 21.155s:32.53E, h10km, MD3.5
BUL 21 23:04:55.3-1.2, 21.31S:32.64E, h10km, MD3.7,
MoZambique

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

SJA 21 23:05:18.0-1.0, 30.52S:72.09W, h9km, ML5.8, MW5.4
BUJ 21 23:05:25.1-0.0, 30.45S:72.09W, h10km, MB5.8/4.0,
MS5.8/48, MS7.5/7.49
IDC 21 23:05:25.7-0.3, 30.59S:71.56W, h0km, mb5.4/25,
mb1.5/4.30, mb1mx5.3/37, mbtmp5.3/30, ML4.8/5, MS5.5/17,
Ms1.5/5.17, ms1mx5.3/22, Error ellipse: s-maj=16.4km
s-min=10.0km az=80.0
GUC 21 23:05:28.8-0.7, 30.61S:71.79W, h35km, 2km, MW6.0
NEIC 21 23:05:29.1-0.3, 30.56S:71.88W, h27km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm, Mrr:7.4,
Mss:0.69, Mss:0.05, Mss:0.66, Mss:0.04, Mrr:1.81, Fault
plane solution: M3.90000*10^17 NP1:phi=174.65000*,
859.36000*, lambda:0.54000*, NP2:phi=12.77000*, delta:93000*,
lambda:0.51000*. Principal axes: T 4.2868, Plg74.0000*,
AzM60.0000*, N -0.7853, Plg8.0000*, AzM180.0000*, P
-3.5014, Plg14.0000*, AzM272.0000*,
NEIC 21 23:05:29.1-0.3, 30.56S:71.88W, h27km, Moment Tensor

2015 NOV

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC, GUCMT, VA03, etc.

1350

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BO02, AC02, APLL, etc.

21d 23h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like VRAC Vranov, CLL Collim, SMOL Smolenice, etc.

2015 NOV

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, TXAR U40A, etc.

IDC 21 23:20:25.0,2.0,8.33;49S;178:75W,h0km,mb4.5/7, mb1 4.6/8,mb1mx4.1/32,mbtm4.6/8,ML4.8/1,MS4.2/3, MB4.2/3,mb1mx17.4/34,Error ellipse: s-maj=28.8km s-min=20.1km az=78.0

NEIC 21 23:20:27.9,1.3,33;9S:0.1;178:8W:0.2,h10km,1km, mb4.7/19,Error ellipse: s-maj=25.3km s-min=16.2km az=117.0

WEL 21 23:20:28.0,0.8,33;S:14'x17'9W:3'6,h33km,M4.9/10, mb5.4/4,ML5.2/11,MLv5.0/10,MW(mb)4.8/4,Error ellipse: s-maj=0.1km s-min=0.0km az=111.0

ISC 21 23:20:31.4,0.6,33;77S:0.06;178:8W:0.1,h35km,n71, e1938/82,mb4.8/18,MS4.4/5,Southern of Kermadec Islands

Table with columns for Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, MXZ Green Lake, WMOZ Waiomatatini S, etc.

1358

Table with columns for station name, frequency, mode, and signal strength. Includes stations like XAN comp=N,260nm,21.3s, HHC comp=N,410nm,27.5s, etc.

BUI 21 23:43:13.1,0.0,20;42N:110;36E,h9km,mb4.6/7, mb4.3/17,ML4.4/5,MS3.9/7,Mst 3.7/5

NEIC 21 23:43:15.8,1.3,20;30N:100;05;110;20E:0.09,h15km,5km, mb4.2/14,Error ellipse: s-maj=12.7km s-min=7.7km az=100.0

IDC 21 23:43:16.8,0.9,20;52N:109;58E,h0km,mb3.9/8, mb1 4.1/8,mb1mx3.7/43,mbtm4.0/8,MS4.3/3,MS1 mx3.5/56,Error ellipse: s-maj=47.4km s-min=16.1km az=69.0

ISC 21 23:43:14.8,0.6,20;25N:0;05;110;22E:0.07,h10km,n56, e1923/50,mb4.3/21,MS4.5/3,3C-12,Southeastern China

Table with columns for Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Qiongzhong, QIZ Taipa Grande, QIZ Son Lu, etc.

22d Oh

ellipsoe: s-maj=32.9km s-min=7.5km az=73.0
NAO 22 00:05:27.8, 8.9, 77.36N, 18.44E, h21km, gkm, ML4.0
IEPN 22 00:05:28.4, 7.7, 42N, 18.64E, h10km
BER 22 00:05:30.2, 1.8, 77.40N, 18.43E, h23km, 7km, ML3.7
MW3.5, ML4.0(NAO), Confirmed Earthquake
DNK 22 00:05:33.1, 1.8, 77.88N, 19.49E, h30km, 17km, ML1.6
ISC 22 00:05:28.8, 1.0, 77.39N, 18.03E, h15km, 10km,
n58, c239/91, mb3.3/3.2C-ID, Svalbard region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

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Main table with columns: MKAR, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Contains detailed seismic event data for November 2015.

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Table with columns: GNI, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBL Kabul, KEV Kevo, KEV Kevo, KEV Kevo, etc.

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PAVC Panska Ves, PAVC Panska Ves, PAVC Panska Ves, etc.

TUL 22 00:42:23.04.0.9.36:88N.0:02:98:34W.0:04,h2km,7km, ML2.5,mb,Lg2.08(NEIC),Error ellipse: s-maj=5.3km s-min=2.4km az=71.0

NEIC 22 00:42:24.8:1.0,36:87N.0:02:98:26W.0:06,h11km,7km, Error ellipse: s-maj=3.1km s-min=3.1km az=72.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like OK032 Salt Plains WL, OK032 Salt Plains WL, etc.

22D Oh

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like OK029 Liberty Lake, BC0K Bluff Creek, N35A Sooner Cattle, etc.

IDC 22:00:46:1.0,5.5,21.189S:178.63W,h563km,36km,mb3.4/4,mb1.3,6/5,mb1mx3.1/34,mbtmp4.4/8,Error ellipse: s-maj=106.8km s-min=30.4km az=136.0

NEIC 22:00:46:42.3,1.3,21.19S:0.2,178.8W:0.1,h556km,13km,mb4.2/16,Error ellipse: s-maj=28.1km s-min=14.6km az=165.0

ISC 22:00:46:39.3,1.3,21.19S:0.2,178.5W:0.2,h550km,n29,0c94/31,mb4.1/12,Fiji Islands region

Main station list for 22D Oh with columns: Code, Station Name, Frequency, Mode, Power, etc. Includes stations like MSVF Nonsavu, BKZ Black Stump Fm, EIDS Eidsvoll, etc.

JMA 22:00:56:33.3,24.01N:122.09E,h31km,2km,MC0 TAP 22:00:56:33.8,24.03N:122.06E,h32km,ML2.5,C

ISC 22:00:56:33.6,1.0,24.03N:0.03,122.08E:0.02,h31km,11km,n40,c0546/78,Taiwan region

Main station list for JMA/JAP with columns: Code, Station Name, Frequency, Mode, Power, etc. Includes stations like EHP Heping Village, HWA Hwalien, etc.

2015 NOV

Main station list for 2015 NOV with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like ENTT Nioudou, ENTT Pushou, FUSS Fushou, etc.

IDC 22:00:57:21.7,3.3,6.49S:148.95E,h0km,mb3.4/2,mb1.3,6/4,mb1mx3.4/41,mbtmp3.4/4,ML2.7/2,Error ellipse: s-maj=103.0km s-min=34.2km az=113.0

ISC 22:00:57:22.4,7.7,6.55S:0.4,149.0E:0.9,h53km,n5,c083/6,New Britain region

Main station list for IDC/ISC with columns: Code, Station Name, Frequency, Mode, Power, etc. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 22:00:58:00.3,0.3,31.166N:141.80E,h0km,mb4.2/24,mb1.4,3/29,mb1mx4.2/56,mbtmp4.2/29,ML3.6/5,MS3.7/1,Ms1.3/7.1,ms1mx3.0/44,Error ellipse: s-maj=17.7km s-min=14.0km az=68.0

MOS 22:00:58:02.3,1.1,31.174N:141.79E,h23km,mb4.8/21,Error ellipse: s-maj=13.8km s-min=6.2km az=116.8

NIED 22:00:58:03.2,2.1,31.95N:141.85E,h9km,MW4.3,Moment Tensor Solution, s2, Moment tensor: Scale 10^19Nm; Mn3.35; Mw-0.14; Mw-3.22; Mw-0.91; Mw-0.72; Mw-0.25; Fault plane solution: M3.49000x10^15 Np1; 6.55 0.0000; 3.47 0.0000; 1.7 0.0000; NP2: 0.207 0.0000; 3.46 0.0000; 1.11 0.0000

NEIC 22:00:58:03.1,0.9,31.178N:0.08,141.75E:0.06,h10km,1km,mb4.7/39,Error ellipse: s-maj=14.5km s-min=6.4km az=205.0

JMA 22:00:58:03.2,0.3,31.195N:141.85E,h9km,M4.3 ISC 22:00:58:05.3,0.5,31.81N:0.06,141.78E:0.07,h29km,n156,c1922/162,mb4.5/56,8C-6D,Southeast of Honshu

Main station list for JMA/JAP with columns: Code, Station Name, Frequency, Mode, Power, etc. Includes stations like JHCJ Hachiojimakas, JHUJ Mitsune, etc.

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Main station list for 1364 with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like JMN Monobe, JTM Tenmabayashi, ERM Erimo, etc.

22d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GERES, MORC, RETA, OKC, KHC, KRALIKY, DAVA, DPC, ANOYIA, etc.

VIE 22 01:22:00.8, 0.2, 47.48N, 15.42E, h6km, m10.6/2, Error ellipse: s-maj=2.2km s-min=1.3km az=46.0 km SW of Kindberg, Austria

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

ATH 22 01:30:45.0, 38.46N, 20.47E, h16km, 2km, ML2.9/3, Error ellipse: s-maj=3.7km s-min=0.7km az=109.0

THE 22 01:30:45.3, 38.46N, 20.44E, h12km, 2km, ML3.3/6, Error ellipse: s-maj=2.1km s-min=0.4km az=111.0

ISC 22 01:30:44.6, 0.9, 38.47N, 0.02, 20.43E, 0.05, h16km, 6km, n35, e0.75/57, Greece

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

JMA 22 02:31:21.6, 0.4, 31.19N, 128.68E, h16km, 4km, M3.8 NIED 22 02:31:21.6, 0.4, 31.19N, 128.68E, h16km, M3.7, Moment Tensor Solution...

ISC 22 02:31:23.4, 2.6, 31.17N, 109.02, 128.7E, 0.1, h35km, m9, e0.95/10, Northwest of Ryukyu Islands

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

SJA 22 02:33:43.0, 25.14S, 68.37W, h10km, ML4.1, Chile-Argentina border region

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

IDC 22 02:39:43.9, 1.0, 38.59N, 20.55E, h0km, mb3.7/9, mb1.3, 8/17, mb1mx3, 6/45, mbtmp3, 7/17, ML3.5/6, MS2.9/8, Ms1.3, 0/8, ms1mx2, 7/45, Error ellipse: s-maj=19.0km

BEO 22 02:39:44.9, 3.2, 38.15N, 20.07E, h41km, 2km, ML3.8/10, ATH 22 02:39:45.6, 38.46N, 20.47E, h12km, 1km, ML3.7/17, Error ellipse: s-maj=1.9km s-min=0.7km az=294.0

ISC 22 02:39:45.3, 0.7, 38.48N, 0.02, 20.45E, 0.03, h14km, 5km, n87, e1.56/109, mb3.8/9, MS2.7/5, Greece

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

IDC 22 01:34:37.1, 1.7, 6.70S, 129.70E, h136km, 20km, mb3.5/1, mb1.3, 5/6, mb1mx3, 2/29, mbtmp4, 0/6, Error ellipse: s-maj=28.4km s-min=13.8km az=111.0

ISC 22 01:34:36.7, 0.9, 6.85S, 0.06, 129.9E, 0.1, h150km, m6, e2.58/11, Banda Sea

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

SJA 22 02:09:27.0, 3.1, 17S, 71.82W, h10km, ML4.2 GUC 22 02:09:29.4, 0.8, 31.22S, 71.38W, h46km, 6km, ML3.0

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ISC 22 02:09:27.0, 3.3, 31.22S, 0.02, 71.59W, 0.07, h10km, 24km, n36, e1.31/47, 6C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO06, FRAY JORGE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G004, TOLOLO OBSERVA, etc.

ISC 22 02:09:27.0, 3.3, 31.22S, 0.02, 71.59W, 0.07, h10km, 24km, n36, e1.31/47, 6C-1D, Near coast of central Chile

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MT02, CURACAV, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSDA, PESSADA-KEFALO, etc.

SJA 22 02:09:27.0, 3.1, 17S, 71.82W, h10km, ML4.2 GUC 22 02:09:29.4, 0.8, 31.22S, 71.38W, h46km, 6km, ML3.0

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IGT Igoumenitsa 1.05 355 P AML Pb 02 40 04.8 -0.6

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GERES, GERESS ARRAY B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like HFS Hagfors, EKA Eskdalemuir, FINES FINESS Array B, etc.

IDC 22 02:43:58.2, 2.2, 6:29S; 151.40E, h0km, mb3.5/3, mb1 3.9/4, mb1mx3.5/34, mbtmp3.6/4, ML2.0/1, MS3.6/1, Ms1 3.6/1, ms1mx2.6/27, Error ellipse: s-maj=134.5km s-min=27.6km az=131.0

ISC 22 02:44:05.2, 1.6, 6:15S; 0.9, h35km, n6, +1951/6, mb3.5/3, New Britain region

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

IDC 22 02:57:49.0, 0.6, 8:63S; 157.67E, h0km, mb4.3/15, mb1 4.9/17, mb1mx4.4/35, mbtmp4.3/17, ML3.9/2, MS3.6/9, Ms1 3.6/9, ms1mx3.3/32, Error ellipse: s-maj=17.0km s-min=16.4km az=131.0

NEIC 22 02:57:53.2, 1.3, 8:85S; 0.1, 157.78E; 0.02, h29km, 5km, mb4.9/43, Error ellipse: s-maj=18.7km s-min=2.9km az=186.0

ISC 22 02:57:50.0, 0.4, 8:81S; 0.09, 157.71E; 0.06, h10km, n88, +1367/4, mb4.9/46, MS3.5/7, 9C-27, Fault plane solution: NP1: 226.56696, 839.43593, 7.8, 17390.0, NP2: 130.23666, 684.81835, 7.129, 14920.0. Principal axes: T P1g37.5884, Azm74.5262, N P1g38.9588, Azm306.0316, P2m128.8333, Azm189.5993; Bougainville-Solomon Islands region

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like TOLIZ Tolitoli, PSA00 Pilbara Seismi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like NJ2, USRK Ussuriysk Arr, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like IMAR, MLY, NEA2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like COLA, ILAR, SCAR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like PDAR, MEM, BDFB, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like VA03 San Esteban, ROCH El Roble, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like AC04, MT02, MT02, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like WRA, H1S2, H1S1, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like MORI, DIVS, TEKS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like VRAC, CRVS, MOTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like OK032, CROK, U32A, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like JKB Kayabe, JOSH Okushiri-Mats, ERM Erimo, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ZALV comp=Z,1.0nm,0.6s, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like STKA Stephens Creek, HRA Herat, A36M Sachs Harbour, etc.

Summary table for TAP 22:05:08:54.5, 23:55N-121:44E, h12km, ML0.9, C, Taiwan. Columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, H, m, s, Res, ISC.

22d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EYUL, TWf1, TWf1, ESL.

NOU 22 05:16:42.4, 19:17S:167:57E, h0km, MLV3.5/7, Vanuatu Islands Region, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTV, LIFNC, YATNC, DZM, NOUC.

JMA 22 05:16:52.8, 0.1, 23:66N:122:03E, h31km, s5km, M3.9
NIED 22 05:16:52.8, 23:66N:122:03E, h31km, MW3.7, Moment Tensor Solution, s2 Moment tensor, Scale 101Nm;
Mw:2.66; Mw0:0.2; Mb:2.67; Mb0:0.4; Ms:2.7; Ms0:0.53;
Fault plane solution: M3.70000x1014 NP1:0.5, 0.00000, 0.67, 0.00000, 0.97, 0.00000. NP2:0.168, 0.00000, 0.624, 0.00000, 0.74, 0.00000.

TAP 22 05:16:53.8, 23:68N:122:01E, h38km, ML4.2, B
ISC 22 05:16:51.4, 1.1, 23:64N:0:02:122:04E:0.02, h18km, s5km, n169, e0.62/276, 7C-47D, Taiwan region

Main table for Taiwan region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TEGC, TEYL, TEYL, HWA, HWA, EGFH, EGFH, ESL, ESL, HGSD, HGSD, ETM, ETM, ETM, TWD, TWD, TWD, ECBN, ECBN, ETL, ETL, EHY, EHY, NACB, NACB, EYUL, EYUL, YULB, YULB, EHP, EHP, TWf1, TWf1, ETLH, ETLH, FULB, FULB, CHKT, CHKT, VWDT, VWDT, ENA, ENA, EWUT, EWUT, OWD, OWD, WHF, WHF, CHGB, CHGB, ECS, ECS, EDH, EDH, FUSF, FUSF, TWC, TWC, TWT, TWT, NNS, NNS, NNS, SSSL, SSSL, SSSL, YUS, YUS, YUS.

2015 NOV

Main table for 2015 NOV with columns: TDCB, Tech, Time, Res. Includes stations like TDCB, NDS, ELDTW, WPL, SMLT, SMLT, NDT, NDT, ENT, DPDB, DPDB, LDUT, LDUT, LONT, LONT, WCS, WCS, TYC, TWE, TWE, ALS, ALS, ILA, ILA, JYNG, JYNG, WHP, WHP, YHNB, YHNB, YHNB, YHNB, TWT, TWT, EGS, EGS, NSK, NSK, YOJ, YOJ, YOJ, WJS, WJS, NTC, NTC, NWLT, NWLT, CHNS, CHNS, STYH, STYH, WNT, WNT, STYT, STYT, STYT, WNT1, WNT1, WNT1, WWT, WWT, TPUB, TPUB, TPUB, TPUB, TIPB, TIPB, TCU, TCU, WGT, WGT, WGT, WTP, WTP, TWB1, TWB1, TWB1, NSTT, NSTT, NSTT, LIOB, LIOB, WYL, WYL, WDLH, WDLH, NJD, NJD, NJD, TWA, TWA, TWA, NHDH, NHDH, NSY, NSY, NSY, TATO, TATO.

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Main table for 1372 with columns: TATO, WCHH, SLGT, ECL, CHN2, CHN2, NWF, NWF, SGST, SGST, WFSB, WFSB, WFSB, NMLH, NMLH, CHN1, CHN1, CHN1, WADJ, WADJ, WDJ, WDJ, HSN1, HSN1, TWK, TWK, TWK, TAP1, TAP1, SNST, SNST, TAP, TAP, CHY, CHY, CHY, NJN, NJN, SBCB, SBCB, SBCB, WTK, WTK, WTK, HSN, HSN, HSN, NCUH, NCUH, NCUH, NCU, NCU, NCU, WRL, WRL, YM01, YM01, YM01, TWS1, TWS1, TWS1, SSD, SSD, TSMG, TSMG, YM08, YM08, SCST, SCST, NTST, NTST, WTCT, WTCT, WTCT, CHN3, CHN3, NHW, NHW, ICHU, ICHU, MASBT, MASBT, MASBT, TAW, TAW, LAY, LAY, EAST, EAST, WSF, WSF, HATJ, HATJ, WMLT, WMLT, TWY, TWY, SSHA, SSHA, SGLT, SGLT, TWM1, TWM1, IRIF, IRIF, CHNB, CHNB, CHNB, TSPT, TSPT, SCLT, SCLT, SCLT, SSPT, SSPT, SCZT, SCZT, SCZT, SLIU, SLIU, JKRS, JKRS, PCYT, PCYT, WLCH, WLCH, TWP, TWP, HEN, HEN, TSEB, TSEB, TWKBT, TWKBT, TWKBT.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWK1 Hengchun, JIJ Ishigaki jima, PHUB Peng-hu, etc.

ISN 22 05:34:47.7 ± 1.3, 32.68N, 47.67E, h19km, 6km, ML3.1
KCH 22 05:34:49.9 ± 3.2, 67N, 47.76E, h9km, ML3.4
THR 22 05:34:51.0 ± 0.3, 32.54N, 47.85E, h18km, 10km, ML3.2
ISC 22 05:34:48.0 ± 0.3, 32.48N, 47.85E, h10km, 4.03, h10km, n49, ±174.57, Iran-Iraq border region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DHL1 Dehoran, KAF1 Kafar-mosalman, IKFM Doab, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHTH Charan, QALM Alamut, DAMV Damavand, etc.

NIED 22 05:40:35.0 ± 31.38N, 128.67E, h11km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mrr-0.20; Mth1.34; Mtt-1.14; Mss-0.35; Mss-0.61; Fault plane solution: Mo2.3800x10^14 NP1: 0s197.00000, 0s89.00000, 1s164.00000. NP2: 0s287.00000, 0s74.00000, 1s1.00000.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JMA 22 05:40:34.9 ± 0.4, 31.38N, 128.67E, h11km, 3km, M3.5, Northwest of Ryukyu Islands.

IDC 22 05:43:57.8 ± 5.8, 15.46S, 173.32W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.6/4.2, mbtmp4.0/3, ML4.0/1, MS3.2/4, M1 3.2/4, ms1mx2.8/30, Error ellipse: s-maj=304.4km s-min=27.3km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, AFI 165nm, 0.3s, bazz=40, slow=3.2, SNR=6.1, etc.

IDC 22 05:57:35.5 ± 0.6, 30.35S, 71.73W, h0km, mb4.3/10, mb1 4.2/14, mb1mx4.1/37, mbtmp4.2/14, ML4.0/4, MS3.5/7, M1 3.2/4, ms1mx3.2/24, Error ellipse: s-maj=24.4km s-min=14.3km az=114.0

VAO 22 05:57:37.0 ± 0.6, 30.35S, 71.95W, h10km, mb4.4, NEIC 22 05:57:37.4 ± 0.2, 30.37S, 71.96W, 0.04, h10km, 1km, mb4.7/19, ML4.8(GUC), Error ellipse: s-maj=8.3km

SJA 22 05:57:37.0 ± 0.3, 30.35S, 72.15W, h10km, ML4.7, GUC 22 05:57:39.2 ± 0.8, 30.41S, 71.71W, h38km, 2km, ML4.8, ISC 22 05:57:35.4 ± 1.4, 30.35S, 72.02W, 0.04, h4km, 8km, n155, ±1890/179, mb4.6/15, 10C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alce Springs, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MT05 Renca, MT05 Renca, VA05 Santo Domingo, etc.

22d 6h

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

IDC 22 06:01:05.4.3.6,85S:149'23E, h0km, mb2.8/1, mb1 3.2/2, mb1mx3.0/33, mbtmp2.9/2, ML3.0/1, Error ellipse: s-maj=156.7km s-min=53.5km az=116.0, New Britain region

PGC 22 06:02:39.4.0.0, 51.44N:131.36W, h10km, mb4.1, ML3.8/31, Mw4.5, 204km Sse of Sandspit, Bo Haida Gwaii Region
IDC 22 06:02:40.3.0.9, 51.51N:131.05W, h0km, mb3.7/8, mb1 3.9/17, mb1mx3.7/60, mbtmp3.6/17, ML3.5/8, MS3.6/33, Ms1.3.6/33, ms1mx3.5/45, Error ellipse: s-maj=15.6km s-min=10.8km az=47.0
NEIC 22 06:02:42.5.1.51, 44N:131.36W, h5km, Moment Tensor Solution, Moment tensor: Scale 10^15Nm, Mrr=0.35, Mss=1.77, Mss=2.94, Mss=3.92, Mss=5.04, Mss=0.25; Fault plane solution: M=6.80000e+10, NP1=76.00000e+08, delta.00000e-0, lambda.00000e-0, NP2=170.00000e+05, 355.00000e-1, 173.00000e-0; Principal axes: T: 6.7124, P:240.0000e+09, Azm:128.0000e+0; N: 0.2335, P:65.0000e+09, Azm:248.0000e+0; P: 6.9520, P:628.0000e+09, Azm:27.0000e+0
NEIC 22 06:02:42.4.2.1, 51.65N:108.131W, h10km, 1km Error ellipse: s-maj=17.3km s-min=9.1km az=230.0
ISC 22 06:02:41.3.1.5, 51.58N:104.13120W, h0.4, h9km, gkm, n306, o1885/298, mb3.9/14, MS3.6/25, Queen Charlotte Islands region

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like TLBC, KITB, EDB, WOSB, NCRB, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like ELK, IL31, ILAR, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like P18A, CCUT, Q16A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like AKASG, AKASG, MKAR, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TIPB, EGFH, EGFH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h s ISC. Rows include BNALP, FUSIO, HASLI, FIESA, PANIX, etc.

PGC 22 06:43:38.1±1.0, 51°45'N x 131°27'W, h10km, mb4.0, MLSn3.6/29, Mw4.6, 203km Sse of Sandpit, Bc Haïda Gwaii Region

Main station list table for the first region, containing codes, station names, coordinates, phases, and times.

Table listing station codes (NBSC, LON, LIB, H00A, etc.) and their corresponding data.

Main station list table for the second region, containing codes, station names, coordinates, phases, and times.

Table listing station codes (W13A, A36M, PFO, etc.) and their corresponding data.

Main station list table for the third region, containing codes, station names, coordinates, phases, and times.

PGC 22 06:48:08.5±2.6, 51°45'N x 131°33'W, h10km, MLSn3.0/13, Mw3.6/13, 203km Sse of Sandpit, Bc Haïda Gwaii Region

22d 7h

Table with columns: J20K, comp, N, Az, M, P, Pn, Time, Res. Includes stations like Novinta River, Juniper Island, Browne, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Geres Geres Array B, Bosa Boshof, etc.

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Table with columns: ARXS, BLB, BLB, MKAR, FINES, ARCES, NOA, TORO, etc. Includes station names and coordinates like Makanchi Array, Finess Array B, etc.

22d 8h

EGMT	Eagleton	33.05 344	P	P	08 17 45.9 +0.5
LONY	Lake Ozonia	33.32 29	P	P	08 17 45.9 -1.8
MSO	Missoula	33.32 338	P	P	08 17 47.8 +0.1
J61A	Chester	33.37 32	Iamb	Iamb	08 17 47.9
ULM	Lac du Bonnet	33.41 1	P	P	08 17 47.6 -0.8
ULM	Lac du Bonnet	33.41 1	Iamb	Iamb	08 18 12.0
TBTG	Tabatinga	34.36 126	eP	P	08 17 49.9 +0.6
YBH	Yreka Blue Hor	33.59 323	P	P	08 17 49.8 -0.4
YBH	Yreka Blue Hor	33.59 323	P	P	08 17 49.8 -0.4
KHMM	Horse Mountain	33.66 321	Iamb	Iamb	08 18 09.5
HNH	Hanover	33.77 32	Iamb	Iamb	08 17 51.2
CZSB	Cruzeiro do Sul	33.80 134	eP	P	08 17 54.5 +2.3
CZSB	Cruzeiro do Sul	33.80 134	P	P	08 17 53.4 +1.3
F10A	Beach Ranch, E	33.91 334	Iamb	Iamb	08 18 14.1
FRNY	Flat Rock	33.95 30	Iamb	Iamb	08 17 54.8
VTY1	Waterbury	33.98 31	Iamb	Iamb	08 17 52.7
JTMT	Jette	34.22 338	Iamb	Iamb	08 17 59.7
LBNH	Lisbon	34.33 32	P	P	08 17 55.0 -1.4
LBNH	Lisbon	34.33 32	Iamb	Iamb	08 17 56.4
I62A	Tamworth	34.38 33	Iamb	Iamb	08 17 56.1
NNA	Nana	34.50 145	eP	P	08 18 01.0 +2.7
NNA	Nana	34.50 145	pmax	pmax	
VLDQ	Val d'Or	34.93 22	Iamb	Iamb	08 18 01.1
H62A	Milan	34.96 32	Iamb	Iamb	08 18 00.1
I03D	Drain, OR	35.23 325	P	P	08 18 05.1 +0.9
H04D	Lebanon	35.46 327	P	P	08 18 06.2 +0.1
HOOD	Mount Hood Mea	35.46 329	Iamb	Iamb	08 18 36.9
NEED	Newport	35.71 336	P	P	08 18 08.7 +0.4
F05D	White Salmon	35.77 330	P	P	08 18 10.6 +1.8
G03D	McMinnville, O	36.20 327	P	P	08 18 13.4 +0.9
F04A	Amboy	36.27 329	P	P	08 18 13.2 +0.1
F04A	Amboy	36.27 329	Iamb	Iamb	08 18 39.1
PKME	Peaks-Kenny Pk	36.39 33	P	P	08 18 12.5 -1.6
PKME	Peaks-Kenny Pk	36.39 33	Iamb	Iamb	08 18 14.9
F62A	Phiston	36.48 32	Iamb	Iamb	08 18 14.6
E62A	Clayton Lake	37.20 31	Iamb	Iamb	08 18 20.5
E03A	Lebanon	37.27 329	Iamb	Iamb	08 18 40.6
F04D	Sherman	37.28 33	Iamb	Iamb	08 18 20.9
D63D	Eldon	37.73 330	P	P	08 18 25.9 +0.4
NLWA	Neilton Lookou	38.01 329	Iamb	Iamb	08 18 47.3
BOAV	Boa Vista	38.07 108	eP	P	08 18 28.5 -0.2
BOAV	Boa Vista	38.07 108	P	P	08 18 27.0 -1.1
EDC	Flint Flon	38.14 355	eP	P	08 18 20.1 +1.3
FFM	Edmonton	38.73 344	Iamb	Iamb	08 19 02.2
LMN	Caledonia Moun	39.19 35	Iamb	Iamb	08 18 38.5
BATG	Bathurst New B	39.40 33	Iamb	Iamb	08 18 39.8
LLLB	Lillooet	39.47 334	Iamb	Iamb	08 19 06.3
ETMB	Extrema	39.88 129	eP	P	08 18 44.3 +0.5
ETMB	Extrema	39.88 129	P	P	08 18 43.9 +0.1
ETMB	Extrema	39.88 129	Iamb	Iamb	08 18 45.3
PTGA	Pitinga	39.93 112	P	P	08 18 44.4 +0.1
PTGA	Pitinga	39.93 112	Iamb	Iamb	08 18 45.8
MACA	Manacapuru-AM	40.47 116	eP	P	08 18 48.7 -0.1
MACA	Manacapuru-AM	40.47 116	Iamb	Iamb	08 18 48.5 -0.3
MACA	Manacapuru-AM	40.47 116	P	P	08 18 49.5
SAML	Samuel	41.64 125	P	P	08 18 57.5 -0.8
SAML	Samuel	41.64 125	pmax	pmax	
SAML	Samuel	41.64 125	P	P	08 18 57.5 -0.8
LPZA	La Paz	43.09 138	eP	P	08 19 12.3 +1.5
SCHO	Schefferville	44.30 24	P	P	08 19 18.1 -1.2
SCHO	Schefferville	44.30 24	P	P	08 19 18.2 -1.2
SCHO	Schefferville	44.30 24	Iamb	Iamb	08 19 19.5
TA01	Diego Aracena	45.16 144	P	P	08 19 28.2 +1.7
TA01	Diego Aracena	45.16 144	Iamb	Iamb	08 19 29.1
DRLN	Deer Lake	45.19 35	P	P	08 19 24.4 -2.0
DRLN	Deer Lake	45.19 35	Iamb	Iamb	08 19 27.3
ITTB	Itaituba	45.36 114	eP	P	08 19 27.4 -0.9
PB08	IPCC Station P	45.41 143	P	P	08 19 29.7 +0.7
PB08	IPCC Station P	45.41 143	Iamb	Iamb	08 19 31.7
MALB	Monte Alegre	45.52 110	eP	P	08 19 29.9 +0.3
VILB	Vilhena	46.40 127	eP	P	08 19 27.7 +0.2
VILB	Vilhena	46.40 127	Iamb	Iamb	08 20 05.6
MCPB	Macapa, AP	46.92 107	eP	P	08 19 40.5 -0.1
NPGB	Novo Progresso	47.00 117	eP	P	08 19 40.0 -1.2
YKA	Yellowknife Ar	47.44 349	P	P	08 19 42.8 -1.1
HVC	Limon Verde	47.50 145	eP	P	08 19 47.4 +2.1
LVC	Limon Verde	47.50 145	eP	P	08 19 46.6 +1.3
PRDR	Porto dos Gac	48.32 123	eP	P	08 19 50.2 -1.2
CLDB	Colider	48.66 122	eP	P	08 19 52.9 -1.1
PTLB	Pontes e Lacer	48.76 129	eP	P	08 19 54.7 0.0
PTLB	Pontes e Lacer	48.76 129	Iamb	Iamb	08 19 55.7
AC02	Maricunga	50.80 148	P	P	08 20 12.9 +2.3
AC02	Maricunga	50.80 148	Iamb	Iamb	08 20 13.9
TMAB	Tom-Au,PA,Br	51.34 107	eP	P	08 20 14.5 +0.1
PRPB	Parauapebas	51.41 112	eP	P	08 20 15.1 +0.2
SALV	Santo Antonio	51.64 127	eP	P	08 20 16.5 0.0
LCO	Las Campanas	51.85 151	P	P	08 20 20.2 +2.0
LCO	Las Campanas	51.85 151	pmax	pmax	
LCO	Las Campanas	51.85 151	P	P	08 20 20.2 +2.0
LCO	Las Campanas	51.85 151	Iamb	Iamb	08 20 20.7
H03N2	Juan Fernandez	52.63 162	T	T	09 17 09.5
H03N1	Juan Fernandez	52.64 162	T	T	09 17 10.3
H03N3	Juan Fernandez	52.65 162	T	T	09 17 07.0
SNDB	Serra Nova Dou	52.96 120	eP	P	08 20 26.7 +0.3
PP1B	Ponte de Pedra	53.29 128	eP	P	08 20 29.1 +0.3
AQDB	Aquidauana	54.47 131	eP	P	08 20 37.3 0.0
AQDB	Aquidauana	54.47 131	Iamb	Iamb	08 20 37.8
ARAG	Araguaiana, MT	54.56 124	eP	P	08 20 38.5 +0.4
SMTB	Santa Maria do	54.60 114	eP	P	08 20 38.7 +0.3
ROSB	Rosario	55.20 106	eP	P	08 20 42.7 0.0
PEIX	Peixe	55.55 118	eP	P	08 20 45.4 +0.1
MT09	Talagante	55.80 154	Iamb	Iamb	08 20 48.4
L27K	Beaver Creek,	55.84 337	P	P	08 20 47.8 +1.2
L27K	Beaver Creek,	55.84 337	Iamb	Iamb	08 20 48.4

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M26K	Nabesna, AK	55.92 336	P	P	08 20 48.5 +1.2
EPYK	Eagle Plains	56.17 342	P	P	08 20 49.0 +0.1
BO01	Turkey	56.29 155	Iamb	Iamb	08 20 52.4
EGAK	Eagle	56.60 339	P	P	08 20 52.0 +0.1
EGAK	Eagle	56.60 339	Iamb	Iamb	08 21 10.3
INK	Inuvik	56.63 344	P	P	08 20 52.0 -0.1
INK	Inuvik	56.63 344	Iamb	Iamb	08 21 10.3
BO02	Sierra Bellavi	56.76 155	Iamb	Iamb	08 20 55.4
SCRK	Sand Creek	57.16 337	P	P	08 20 57.4 +1.3
SCRK	Sand Creek	57.16 337	P	P	08 20 57.2 +1.1
SCRK	Sand Creek	57.16 337	Iamb	Iamb	08 21 15.9
PAX	Paxson	57.19 336	P	P	08 20 57.1 +0.8
PAX	Paxson	57.19 336	Iamb	Iamb	08 21 15.3
CPUP	Villa Florida	57.26 138	P	P	08 20 55.6 -1.5
CPUP	Villa Florida	57.26 138	LR	LR	08 45 29.8
CPUP	Villa Florida	57.26 138	Iamb	Iamb	08 20 57.6
ML02	Panimavida	57.35 156	Iamb	Iamb	08 20 59.6
BDFB	Brasilia	57.59 121	P	P	08 21 00.4 +0.5
BDFB	Brasilia	57.59 121	Iamb	Iamb	08 21 01.0
A36M	Sachs Harbour	57.76 350	P	P	08 20 59.5 -0.5
A36M	Sachs Harbour	57.76 350	Iamb	Iamb	08 21 26.6
A36M	Sachs Harbour	57.76 350	P	P	08 21 02.1 +0.7
RES	Resolute Bay	57.95 0	P	P	08 21 00.8 -0.5
RES	Resolute Bay	57.95 0	pmax	pmax	
RES	Resolute Bay	57.95 0	P	P	08 21 00.8 -0.5
RES	Resolute Bay	57.95 0	P	P	08 21 05.2 +0.7
RES	Resolute Bay	57.95 0	P	P	08 21 05.2 +0.3
HDA	Harding Lake	58.49 337	Iamb	Iamb	08 21 24.3
HDA	Harding Lake	58.49 337	Iamb	Iamb	08 21 24.3
SDBA	SAO DESIDERIO	58.59 116	eP	P	08 21 07.0 +0.3
IL31	Ilse	58.89 337	Iamb	Iamb	08 21 35.1
ILAR	Eielson Army	58.65 337	P	P	08 21 06.3 0.0
ILAR	Eielson Army	58.65 337	P	P	08 21 24.2 +1.2
IPMB	Ipameri, GO	58.89 124	eP	P	08 21 06.6 -0.8
CUT	Chulitna	58.88 334	P	P	08 21 08.9 +0.9
MCK	McKinley	58.93 336	P	P	08 21 08.8 +0.4
MCK	McKinley	58.93 336	Iamb	Iamb	08 21 27.3
POKR	Poker Plat Res	59.02 337	P	P	08 21 09.2 +0.2
POKR	Poker Plat Res	59.02 337	Iamb	Iamb	08 21 37.0
COLA	College	59.06 337	P	P	08 21 09.5 +0.3
COLA	College	59.06 337	pmax	pmax	
COLA	College	59.06 337	P	P	08 21 09.5 +0.3
COLA	College	59.06 337	Iamb	Iamb	08 21 10.6
TCOL	CIGO, UAF Yank	59.06 337	P	P	08 21 09.6 +0.4
TCOL	CIGO, UAF Yank	59.06 337	P	P	08 21 09.3 +0.1
TCOL	CIGO, UAF Yank	59.06 337	Iamb	Iamb	08 21 10.6
NBMO	Morrinhos-CE	59.13 104	eP	P	08 21 09.8 -0.7
BMAR	Burnt Mountain	59.27 340	P	P	08 21 11.2 +0.6
TRF	Thorofare Moun	59.35 335	P	P	08 21 11.7 +0.3
NEA2	Nenana	59.38 337	P	P	08 21 12.7 +1.2
DI2G	Noodor Dome	59.42 21	i	P	08 21 07.1 -4.8
H24K	Noodor Dome	59.54 338	P	P	08 21 12.7 +0.1
H24K	Noodor Dome	59.54 338	Iamb	Iamb	08 21 13.9
I23K	Minto, Yukon-K	59.75 337	P	P	08 21 14.3 +0.4
BPAW	Bear Paw Mtn.	59.91 336	P	P	08 21 15.6 +0.5
LC01	Cunco	59.94 158	P	P	08 21 16.2 +0.6
MLY	Manley	60.22 337	P	P	08 21 17.6 +0.3
CHUM	Lake Minchumin	60.35 335	P	P	08 21 18.3 +0.2
JANB	Jamuria	60.37 119	eP	P	08 21 19.6 +0.6
L20K	Farewell, AK	60.45 333	P	P	08 21 18.9 +0.1
M19K	Big River Lodg	60.46 333	P	P	08 21 19.5 +0.6
I21K	Tanana	60.76 336	P	P	08 21 20.9 0.0
I21K	Tanana	60.76 336	Iamb	Iamb	08 21 22.0
L19K	White Mountain	60.77 333	P	P	08 21 21.2 +0.2
K20K	Telida	60.86 334	P	P	08 21 21.5 -0.1
K20K	Telida	60.86 334	Iamb	Iamb	08 21 40.1
COLD	Coldfoot	61.03 339	P	P	08 21 23.7 +1.0
COLD	Coldfoot	61.03 339	Iamb	Iamb	08 21 24.6
J20K	Nowitz River	61.20 335	P	P	08 21 23.8 -0.1
J20K	Nowitz River	61.20 335	P	P	08 21 24.1 +0.2
J20K	Nowitz River	61.20 335	Iamb		

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ULN Ulanbaatar, MKAR Makanchi Array, MKAR Makanchi Array, etc.

ANF 22 08:12:32.3±0.5, 36°63'N, 98°44'W, h5km, 4km, M.L3.2/7
Error ellipse: s-maj=3.1km s-min=1.9km az=73.0
NEIC 22 08:12:32.3±0.9, 36°65'N, 02°98'46'W, 0.02, 111km, 6km,
Error ellipse: s-maj=2.6km s-min=2.1km az=139.0
TUL 22 08:12:32.1±0.7, 36°66'N, 01°98'46'W, 0.02, h7km, 6km,
M.L3.0, mb_Lg2.8/29(NEIC), Error ellipse: s-maj=2.5km
s-min=1.7km az=108.0

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ANF Station Name, NEIC Station Name, TUL Station Name, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like U40A Yellville, BGNE Belgrade, T25A Trinidad, X40A Basin Creek, N38A Joes South.

NNC 22 08:42:25.4±1.2, 38°42'N, 56°80'E, h0km, mb3.6, Error
ellipse: s-maj=16.3km s-min=4.5km az=52.0
TEH 22 08:42:29.3, 38°30'N, 57°04'E, h10km, M.L3.0,
ISC 22 08:42:28.3±0.9, 38°42'N, 06°57'05E, 0.05, h10km, n17,
r126±20, 3C-2D, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GYA0B ALIBECK ARRAY, GYA0B ALIBECK ARRAY, ISFR Strayin, etc.

MOS 22 08:47:00.8±1.3, 42°61'N, 145°63'E, h20km, mb5.0/25, Error
ellipse: s-maj=8.4km s-min=4.9km az=102.3
BUJ 22 08:47:03.1±0.0, 42°81'N, 145°58'E, h33km, mb4.9/23,
mb4.6/52, Ms4.0/7, Ms7.3/9.9
JMA 22 08:47:04.9±0.1, 42°75'N, 145°54'E, h43km±2km, M4.5
JMA Felt J1.

SKHL 22 08:47:04.6±0.6, 42°70'N, 145°70'E, h50km±7km, mb5.0/7
NIED 22 08:47:05.0, 42°75'N, 145°54'E, h43km, MW4.4, Moment
Tensor Solution, s3 Moment tensor: Scale 1015Nm;
Mn2: 72, Mn: 1.08, Mn: 1.84, Mn: 1.84, Mn: 1.84, Mn: 2.35;

Fault plane solution: Ms3.88000±0.1015 NP1±26.00000°;
s66.00000°, r75.00000°. NP2±238.00000°, s28.00000°,
t119.00000°.
NEIC 22 08:47:05.1±1.6, 42°71'N, 07°145'6E, 0.1, h33km, 5km,
mb4.8/53 Error ellipse: s-maj=12.7km s-min=9.7km
az=117.0
IDC 22 08:47:09.3±2.4, 42°80'N, 145°46'E, h66km±20km, mb4.0/21,
mb1.4/226, mb1mx3.4/44, mbtmp3.4/26, MS3.5/16,
Ms1.3/6/16, ms1mx3.4/40, Error ellipse: s-maj=16.5km
s-min=13.4km az=149.0

ISC 22 08:47:05.0±0.5, 42°73'N, 05°145'59E, 0.04, h37km±1km,
n266, r1515/281, mb4.8/82, MS3.8/16, 11C-11D, Hokkaido
region

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KUSHIROHAMANAK, NEMURO 2, NEMURO-HOKKAI, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAJ, ASAJ, KUR Kuril'sk, KUR Kuril'sk, etc.

22d 9h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, etc. Includes stations like H1S3 WAKE ISLAND, H1H2 WAKE ISLAND, ENSHI, LZH Lanzhou, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, etc. Includes stations like RES, ABKAR, YKA, KIRV, PRGR, KBL, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, etc. Includes stations like PDAR, AKASG, AKASG, AKASG, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NNWZ, North Nguarouho, WNVZ, WNVZ, WNVZ, Tukino, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SDU Pauzhetka, MIPR Malaya Ipe'l'ka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NOA NORSAR Array B, ECSD EROS Data Cent, KBZ Khabaz, etc.

JMA 22 10:21:24.0:2.0,37:23N-135:10E, h366km,3km,M3.0
IDC 22 10:21:25.6:1.5,37:36N-135:23E, h352km,1.4km,mb2.8/3,
mb1.3/0.7,mb1mx2.7/40,mbtmp3.5/7,Error ellipse:
s-maj=32.6km s-min=19.5km az=168.0

IDC 22 11:26:59.7:0.5,50:48N-008:153.64E,0.07,h300km,
n110,2e07/125,mb3.7/28,Kuril Islands

SOME 22 11:30:26.9,40:73N-77:65E,h10km
NINC 22 11:30:27.6:1.0,40:79N-77:70E,h0km,mb3.1,mpv2.8,
Error ellipse: s-maj=6.7km s-min=4.8km az=171.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JSD Suzu, JOI OKI, JWT Wachi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PEAOB Petropavlovsk-P, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TARG Taragay, Kyrgyz, KDJ Kajisay, etc.

NNC 22 10:22:20.5:6.1,37:11N-70:92E,h0km,mb3.7,mpv3.3,
2C-2D,Error ellipse: s-maj=48.2km s-min=43.4km
az=18.0,Afghanistan-Tajikistan border region

IDC 22 11:26:32.1:2.0,0.95N-126:44E,h0km,mb3.7/4,
mb1.3/9.4,mb1mx3.5/33,mbtmp3.7/4,M53.3/3,Ms1 3.3/3,
ms1mx2.6/40,Error ellipse: s-maj=161.1km
s-min=26.9km az=60,Northern Molucca Sea

KRNET 22 11:30:28.3:0.1,42:17N-78:91E,h13km,mb2.2,
ISC 22 11:30:28.8:2.8,40:9N-01:17:68E,0.05,h6km,13km,n28,
e059/42,11C-SD,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KK02 Karatay Array, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TUMR Tumrok, MKZ Mys Kozlova, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MDOK Medeo, KOTS Kotyrbulak, etc.

KRSC 22 10:25:50.9:2.1,50:66N-157:45E,h119km,22km,ML4.0,
Kuril Islands

IDC 22 11:26:32.1:2.0,0.95N-126:44E,h0km,mb3.7/4,
mb1.3/9.4,mb1mx3.5/33,mbtmp3.7/4,M53.3/3,Ms1 3.3/3,
ms1mx2.6/40,Error ellipse: s-maj=161.1km
s-min=26.9km az=60,Northern Molucca Sea

KRSC 22 11:26:59.2:1.8,50:13N-154:56E,h305km,20km,ML4.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, KDRH Khodutka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TUMR Tumrok, MKZ Mys Kozlova, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MDOK Medeo, KOTS Kotyrbulak, etc.

IDC 22 11:26:32.1:2.0,0.95N-126:44E,h0km,mb3.7/4,
mb1.3/9.4,mb1mx3.5/33,mbtmp3.7/4,M53.3/3,Ms1 3.3/3,
ms1mx2.6/40,Error ellipse: s-maj=161.1km
s-min=26.9km az=60,Northern Molucca Sea

IDC 22 11:26:32.1:2.0,0.95N-126:44E,h0km,mb3.7/4,
mb1.3/9.4,mb1mx3.5/33,mbtmp3.7/4,M53.3/3,Ms1 3.3/3,
ms1mx2.6/40,Error ellipse: s-maj=161.1km
s-min=26.9km az=60,Northern Molucca Sea

JMA 22 11:31:13.6:0.1,30:81N-141:38E,h46km,M3.9
IDC 22 11:31:17.1:2.2,30:41N-140:73E,h90km,21km,mb3.2/5,
mb1.3/4.7,mb1mx3.2/36,mbtmp3.5/7,Error ellipse:
s-maj=42.5km s-min=15.5km az=81.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUU Kurly, ARX Arharly, etc.

MOS 22 11:26:58.4:1.0,50:54N-153:52E,h302km,mb3.7/4,Error
ellipse: s-maj=12.8km s-min=6.2km az=58.3
NEIC 22 11:26:59.3:1.3,50:7N-0:1:153:2E-0:1,h274km,9km,
mb4.0/18,Error ellipse: s-maj=22.9km s-min=4.6km
az=158.0

IDC 22 11:26:32.1:2.0,0.95N-126:44E,h0km,mb3.7/4,
mb1.3/9.4,mb1mx3.5/33,mbtmp3.7/4,M53.3/3,Ms1 3.3/3,
ms1mx2.6/40,Error ellipse: s-maj=161.1km
s-min=26.9km az=60,Northern Molucca Sea

JMA 22 11:31:13.6:0.1,30:81N-141:38E,h46km,M3.9
IDC 22 11:31:17.1:2.2,30:41N-140:73E,h90km,21km,mb3.2/5,
mb1.3/4.7,mb1mx3.2/36,mbtmp3.5/7,Error ellipse:
s-maj=42.5km s-min=15.5km az=81.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUU Kurly, ARX Arharly, etc.

KRSC 22 11:26:59.2:1.8,50:13N-154:56E,h305km,20km,ML4.2

IDC 22 11:26:32.1:2.0,0.95N-126:44E,h0km,mb3.7/4,
mb1.3/9.4,mb1mx3.5/33,mbtmp3.7/4,M53.3/3,Ms1 3.3/3,
ms1mx2.6/40,Error ellipse: s-maj=161.1km
s-min=26.9km az=60,Northern Molucca Sea

JMA 22 11:31:13.6:0.1,30:81N-141:38E,h46km,M3.9
IDC 22 11:31:17.1:2.2,30:41N-140:73E,h90km,21km,mb3.2/5,
mb1.3/4.7,mb1mx3.2/36,mbtmp3.5/7,Error ellipse:
s-maj=42.5km s-min=15.5km az=81.0

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PALMER ROAD, MANGAHEWA, NAMU ROAD, etc.

IDC 22 13:07:19.0:4.1, 13.12N:87.34W, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.2/2, mbtmp3.7/2, Error ellipse: s-maj=106.6km s-min=70.6km az=65.0

SNET 22 13:07:46.2:1.2, 13.71N:88.44W, h184km, h98km, ML3.3

ISC 22 13:07:44.8:1.1, 13.69N:02:88.44W, 0.09, h15km, 7km, n21, c0582/29, El Salvador

Main table for 1389 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COEB, PACA, SCLA, COEG, etc.

MAN 22 13:09:51.9, 8.11N:125.08E, h22km, mb4.4, ML3.2, MS2.9, Mindanao

WEL 22 13:10:48.0:1.4, 34'S:31'17.9W, 3.3, h207km, 49km, M3.7/2, ML4.2/7, MLV3.7/2, Error ellipse: s-maj=0.1km s-min=0.0km az=132.5, South of Kermadec Islands

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

TAP 22 13:16:18.5, 23.97N:122.39E, h20km, ML2.7, D JMA 22 13:16:18.0:0.2, 23.96N:122.37E, h15km, 4km, M2.2

ISC 22 13:16:17.2:1.0, 23.98N:102.122.37E, 0.02, h18km, 8km, n84, c059/114, Taiwan region

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

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Main table for 2015 NOV with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ETLH, ETL, ES, etc.

22d 14h

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

IDC 22 13:16:21.0:2.3, 1.11N:126.73E, h0km, mb3.2/3, mb1 3.7/4, mb1mx3.4/29, mbtmp3.5/4, ML3.0/1, MS2.9/2, MS1 2.9/2, ms1mx2.4/25, Error ellipse: s-maj=184.8km s-min=28.3km az=66.0, Northern Molucca Sea

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

IDC 22 13:30:27.3:1.7, 0.94N:127.38E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.4/29, mbtmp3.5/4, ML3.0/1, MS2.9/2, MS1 2.9/2, ms1mx2.4/25, Error ellipse: s-maj=65.4km s-min=27.5km az=60.0

DJA 22 13:30:28.0:0.4, 1.1N:2.12'E, h10km, M3.2/7, MLV3.2/7

ISC 22 13:30:29.0:1.3, 1.03N:108.127.55E, 0.08, h10km, n10, c063/10, mb3.6/3, Halmahera

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

TUN 22 13:55:28.3, 34.73N:10.80E, h10km, MD3.7, Tunisia

IDC 22 13:58:04.4:5.9, 16.34Sx175.05E, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.8/25, mbtmp4.1/5, ML3.7/1, Error ellipse: s-maj=106.7km s-min=39.3km az=43.0, Fiji Islands region

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

NEIC 22 14:05:59.2:1.0, 58.03N:0.03:154.08W, 0.05, h74km, 8km, Error ellipse: s-maj=5.0km s-min=4.4km az=193.0

AEIC 22 14:06:00.1:5.58, 04N:0.03:154.13W, 0.07, h6km, 7km, ML3.6, ML3.8/67(NEIC), Error ellipse: s-maj=5.5km s-min=4.8km az=100.0

ISC 22 14:05:58.9:0.9, 58.03N:0.04:154.10W, 0.04, h75km, 11km, n266, c063/262, Alaska Peninsula

Main table for 22d 14h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KABU, OHAK, Q19K, etc.

22d 14h

Table with columns: Station Name, Time, Res, and ISC. Includes stations like H2M Homer, CNPM China Poot, ILIM Iliama, O20K Slope Mountain, etc.

2015 NOV

Table with columns: Station Name, Time, Res, and ISC. Includes stations like KAIM Kayak Island, RAGM Ragged Mountain, KLU Klutina, etc.

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Table with columns: Station Name, Time, Res, and ISC. Includes stations like WHY Whitehorse, BM03 Burnt Mountain, BMAR Burnt Mountain, etc.

TUL 22 14:07:18.1±1.3, 36°33'N, 126°01'W, h18km, 2.4km, M2.8, mb_Lg2.6/29(NEIC), Error ellipse: s-maj=2.2km s-min=1.2km az=212.0

NEIC 22 14:07:18.3±0.8, 36°34'N, 126°02'W, h9km, 4km, Error ellipse: s-maj=2.8km s-min=2.1km az=70.0, Oklahoma

Table with columns: Code, Station Name, Az, Az1, Phase ID, Time, Res, ISC. Includes stations like QUOK Quay, QUOK S. Brethren Rd, OK031 Cody Creek RV, etc.

IDC 22 14:13:38.7±2.0, 18°S, 177°44'W, h512km, 24km, mb3.1/8, mb1.3/4.9, mb1mx3.2/20, mbtrp4.0/9, Error ellipse: s-maj=46.5km s-min=18.0km az=143.0

ISC 22 14:13:36.9±0.8, 20.1°S, 177.4°W, 0.1, h500km, n15, s170/17, mb3.5/8, Fiji Islands region

Table with columns: Code, Station Name, Az, Az1, Phase ID, Time, Res, ISC. Includes stations like TAVE Taveuni, DGTI Dogotuki, MSVF Nonsavu, etc.

JMA 22 14:18:08.1±0.1, 23°88'N, 121°54'E, h18km, 3km, M2.8

IASPEI 22 14:18:09.2±0.9, 23°92'N, 121°50'E, 0.02, h19km, 2km, Error ellipse: s-maj=2.3km s-min=1.7km az=111.7, GT5 selection from ISC bulletin GT5 identified by Bondi and McLaughlin (2009) selection criteria Bondi and McLaughlin, A new ground truth data set for seismic studies, <S>Seism. Res. Let.</S>, 80

TAP 22 14:18:09.1±0.9, 23°91'N, 121°50'E, 0.02, h19km, 2km, n114, 0868/191, 12C-13D, Taiwan

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CHNS, Tsauling, etc. Lists various stations and their coordinates and phases.

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Table with columns: CHNS, Tsauling, Δ°, AZ°, Phase ID, Time, Res, CHNS, etc. Continuation of station data from the previous table.

22d 14h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations for the 22d 14h period.

NOU 22 14:22:11.3, 13:10S:-167:19E, h0km, MLV5.0/12, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations for the Vanuatu Islands.

IDC 22 14:35:42.5, 4.2, 14:46N:90:44W, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.4/48, mbtmp3.5/5, ML3.7/2, MS2.2/1, Ms1 2.2/1, ms1mx2.1/27, Error ellipse: s-maj=137.8km

Station coordinates and error ellipse information for IDC 22 14:35:42.5, 4.2, 14:46N:90:44W.

NOU 22 14:35:48.4, 2.0, 15:03N:93:37W, h0km, 395km, MD3.8, n24, r196/30, mb3.7/3, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations for the Guatemala area.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists various stations and their coordinates.

IDC 22 14:38:13.2, 0.0, 15:31S:72:19W, h86km, 4km, mb4.2/14, mb1 4.4/19, mb1mx2.4/20, mbtmp4.5/19, MS3.2/3, Ms1 2.3/3, ms1mx2.9/21, Error ellipse: s-maj=17.5km

Station coordinates and error ellipse information for IDC 22 14:38:13.2, 0.0, 15:31S:72:19W.

ARE 22 14:38:14.2, 0.0, 15:52S:0:07:72:48W, 0:09, h115km, 5km, Error ellipse: s-maj=13.3km s-min=9.5km az=63.0

Station coordinates and error ellipse information for ARE 22 14:38:14.2, 0.0, 15:52S:0:07:72:48W.

NEIC 22 14:38:15.6, 1.5, 15:40S:0:06:72:24W, 0:09, h110km, 2km, mb4.9/154, ML4.7(ARE), Error ellipse: s-maj=12.3km

Station coordinates and error ellipse information for NEIC 22 14:38:15.6, 1.5, 15:40S:0:06:72:24W.

VAO 22 14:38:16.5, 0.0, 15:40S:72:11W, h100km, mb4.8, ISC 22 14:38:14.0, 0.3, 15:42S:0:05:72:29W, 0:06, h100km, n302, r124/300, mb4.9/30, 1C, Southern Peru

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations for the Southern Peru area.

22d 14h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ETMB, PB15, PB10, PB14, ATAH, etc.

2015 NOV

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NBNP, CMC01, GDU01, NBIT, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like P40A, K62A, WVN, K57A, etc.

IDC 22 14:52:44.7-1.1,0.94N,127.34E,h0km,mb4.1/5, mb1 4.1/7,mb1mx3.7/44,mbtmp4.0/7,ML3.4/2,MS3.0/6, Ms1 3.0/6,ms1mx2=73.6,Error ellipse: s-maj=52.8km s-min=18.5km az=60.0 NEIC 22 14:52:46.4-0.6,1.000N,0.05x127.4E:0.1,1.10km,mb4.2/13,Error ellipse: s-maj=21.2km s-min=8.2km az=275.0

DJA 22 14:52:47.8-0.3,1.1N,2x12.7E,1h10km,M3.9/11,mb4.1/2, MLV3.8/11

ISC 22 14:52:45.3-0.7,1.04N,0.05x127.33E:0.06,h10km,n39,r1935/37,mb4.2/12,MS2.8/4,Halmahera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like TMTI Ternate, MRSI Marisa, AFSI Ampama, etc.

IDC 22 14:53:38.8-1.1,4.000N,106.54E,h0km,mb3.6/8, mb1 3.7/10,mb1mx3.5/61,mbtmp3.6/10,ML3.6/2,MS3.1/3, Ms1 3.1/3,ms1mx2=6.42,Error ellipse: s-maj=27.1km s-min=18.2km az=77.0

ISC 22 14:53:40.4-0.5,39.91N,0.04x106.47E:0.03,h16km,n29,r192/39,mb3.7/11,1C,Western Nei Mongol

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like BTO Baotou, HHC Hu-ho-hao-te, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, MKAR Makanchi Array, TAPN Taping, etc.

ISU 22 14:54:50.40:34N,73:20E,h5km SOME 22 14:54:51.3,40:52N,73:20E,h0km KRNET 22 14:54:51.2,0.1,40:31N,73:17E,h17km,mb3.1, NNC 22 14:54:53.9,1.3,40:48N,73:27E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=10.4km s-min=5.9km az=168.0

KNET 22 14:54:54.3-0.6,40:48N,73:44E,h12km,4km,ml2.6,Error ellipse: s-maj=9.2km s-min=5.6km az=98.0

ISC 22 14:54:51.3-1.1,40:38N,0.03x73.23E:0.02,h1km,10km,n52,r188/88,28C-15Z,Kyrgyzstan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, SFK Sufi-Kurgan, SALK Salom-Alik, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like DGS Degeres, DGS Degeres, DGS Degeres, etc.

IDC 22 15:03:30.1-2.2,5:39S,147:04E,h212km,19km,mb2.9/3, mb1 3.1/6,mb1mx2.9/35,mbtmp3.5/6,Error ellipse: s-maj=30.2km s-min=22.0km az=88.0

ISC 22 15:03:29.0-1.5,5:35S,0.1x147.1E:0.2,h195km,n6,r184/7,mb3.2/3,Eastern New Guinea region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, JAY Jayapura, WRA Warramunga Arr, etc.

ISK 22 15:13:57.5,39:49N,25:42E,h9km,ML2.6/11 ATH 22 15:13:58.9,39:50N,25:45E,h12km,8km,ML2.3/2,Error ellipse: s-maj=9.0km s-min=1.3km az=213.0

ISC 22 15:13:58.3-1.1,39:49N,0.03x25.43E:0.03,h11km,10km,n18,r0935/27,Aegean Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like EFGS Agios Efstrati, SIGR SIGRI, SIGR SIGRI, etc.

IDC 22 15:26:49.2-3.0,47N,127:30E,h0km,mb3.0/3, mb1 3.3/3,mb1mx2.9/34,mbtmp3.1/3,MS3.4/1,Ms1 3.4/1, ms1mx2=6.0,Error ellipse: s-maj=171.6km s-min=29.2km az=66.0,Halmahera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like LEM Lembang, WRA Warramunga Arr, etc.

22d 16h

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

2015 NOV

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

1396

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

22d 18h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like WAKE ISLAND, SONGINGO ARRAY, EIELSON ARRAY, etc.

IDC 22 17:20:39.31, 1.5, 0.95N, 127.33E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/30, mbtmp3.6/4, ML2.9/1, Error ellipse: s-maj=64.6km s-min=24.7km az=60.0, Halmaheira

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Sorong, Warramunga Arr, Alice Springs, Makanchi Arr.

IDC 22 17:20:58.21, 1.7, 0.95N, 127.38E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.5/30, mbtmp3.7/4, ML3.0/1, Error ellipse: s-maj=65.0km s-min=27.5km az=59.0, Halmaheira

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Sorong, Warramunga Arr, Alice Springs, Makanchi Arr.

TRN 22 17:24:50.4, 11.09N, 62.05W, h86km, MD3.5 FUNV 22 17:24:51.6, 11.05N, 62.06W, h30km, MW3.5 ISC 22 17:24:48.8, 1.3, 11.07N, 0.03, 62.07W, 0.04, h100km, 11km, n31, c132/50, 1C, Windward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Trinidad, Grenada Fort F, Greenville, Brigand Hill, etc.

IDC 22 17:31:26.4, 1.7, 0.82N, 127.27E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.3/32, mbtmp3.4/5, ML2.8/1, Error ellipse: s-maj=62.0km s-min=26.6km az=60.0, Halmaheira

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Sorong, Warramunga Arr, Alice Springs, etc.

IDC 22 17:37:57.8, 1.2, 5.3, 60S, 140.99E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.7/27, mbtmp3.8/6, MS3.6/4, Ms1 3.5/4,

2015 NOV

ms1mx3.2/19, Error ellipse: s-maj=105.9km s-min=17.2km az=85.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Stephens Creek, Vanda, Cape Leeuwin, etc.

SJA 22 17:39:56.0, 23.31S, 68.79W, h70km, ML4.0, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like IPOC Station P, Limon, etc.

IDC 22 17:51:15.9, 1.6, 2.0, 17S, 178.05W, h50km, 16km, mb2.9/8, mb1 3.4/1, mb1mx3.2/22, mbtmp4.0/1, Error ellipse: s-maj=23.2km s-min=16.3km az=135.0

ISC 22 17:51:15.3, 0.7, 2.0, 2S, 0.1, 178.0W, 0.1, h500km, n15, c084/16, mb3.4/8, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Nonsavu, Afi Atamalu, Urewera, etc.

SOME 22 18:15:59.3, 36.32N, 171.27E, h10km, MS4.7 NNC 22 18:16:02.4, 2.2, 36.50N, 70.99E, h108km, 25km, mb5.6, mpv6.0, Error ellipse: s-maj=20.7km s-min=11.3km

MOS 22 18:16:03.1, 0.9, 36.42N, 71.64E, h101km, mb5.8/43, MS5.0/25, Error ellipse: s-maj=4.3km s-min=3.1km az=90.1

BUI 22 18:16:03.7, 0.0, 36.51N, 71.75E, h85km, mb5.7/55, mb5.7/75, MS5.3/77, Ms7 5.0/73

IDC 22 18:16:04.8, 0.7, 36.37N, 71.58E, h108km, 6km, mb5.2/44, Mb1 5.3/49, mb1mx5.2/51, mbtmp5.6/49, MS4.8/28, Ms1 4.8/28, mb1mx4.6/48, Error ellipse: s-maj=8.2km s-min=6.9km az=14.0

NEIC 22 18:16:04.7, 2.6, 36.43N, 0.06, 71.42E, 0.07, h102km, 1km, mb5.8/255, MW5.8/95, MW5.7, Mw5.8(GCMT), Error ellipse: s-maj=10.3km s-min=3km az=76.0

NEIC 22 18:16:04.5, 36.46N, 71.44E, h102km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr: 4.92; Mo: 0.46; Ms: -5.38; Mw: 1.25; Mx: 1.26; My: 0.66; Fault plane solution: Ms: 500000*10^17; NP1: 358.280000, 541.790000, 169.730000; Principal axes: T 5.2544, Plg7.00000; Azm173.00000; N 0.4657, Plg13.00000, Azm14.00000; P -5.7201, Plg5.00000, Azm283.00000;

GCMT 22 18:16:05.7, 0.1, 36.45N, 0.01, 71.32E, 0.01, h110km, MW5.8/149, Moment Tensor Solution. s: 149, c: 287, s: 145, c: 340; Duration: 149; Moment tensor: Scale 10^17 Nm; Mw: 4.66; Ms: 0.01; Mr: 0.40; Mo: 0.06; Ms: 0.06; Ms: 1.50; Ms: 1.86; Ms: 1.08; Ms: 1.08; Ms: 0.05; Best double couple: Ms: 501000*10^17; NP1: 358.280000, 541.790000, 169.730000; NP2: 359.00000, 840.00000, 163.00000; NP3: 359.00000, 840.00000, 163.00000; Principal axes: T 5.1580, Plg73.00000; Azm170.00000; N 0.6850, Plg14.00000; Azm21.00000; P -5.8440, Plg8.00000; Azm288.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function NEIC 22 18:16:06.36, 43N, 71.35E, h106km, Moment Tensor Solution. Duration: 38; Moment tensor: Scale 10^17Nm; Mr: 4.55; Ms: 0.21; Mw: 1.8; Mx: 1.59; My: 1.94; Mz: 1.05; Fault plane solution: Ms: 600000*10^17; NP1: 359.00000, 840.00000, 163.00000; NP2: 359.00000, 840.00000, 163.00000; NP3: 359.00000, 840.00000, 163.00000; Principal axes: T 5.1274, Plg71.00000; Azm173.00000; N 0.8479, Plg17.00000; Azm21.00000; P -5.9753, Plg8.00000; Azm288.00000;

BGR 22 18:16:06.1, 0.0, 36.56N, 71.49E, h102km, 5km, mb6.2 NEIC 22 18:16:06.36, 54N, 71.44E, h106km, Moment Tensor Solution. Duration: 40; Moment tensor: Scale 10^17Nm; Mr: 3.95; Ms: 0.47; Mw: -3.48; Mx: 0.55; My: 1.18; Mz: 0.55; Fault plane solution: Ms: 639000*10^17; NP1: 359.00000, 840.00000, 163.00000; NP2: 359.00000, 840.00000, 163.00000; NP3: 359.00000, 840.00000, 163.00000; Principal axes: T 5.0000, Plg14.00000; Azm21.00000; P -5.8440, Plg8.00000; Azm288.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function NEIC 22 18:16:03.8, 0.2, 36.44N, 0.02, 71.50E, 0.02, h96km, 1km, h96km; pp-P, n1451, c1974/1687, mb5.8/22, 356C-171D,

1398

Fault plane solution: NP1: 358.177, 64900, 846.42768; 785.29730; NP2: 358.45491, 843.77669; 894.92539; Principal axes: T Plg86, 44400; Azm22, 2604; N Plg3, 4053; Azm180, 8943; P Plg1, 3288; Azm20, 9733; Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Cherat, Garm, Kabul, Chuyangaron, etc.

TAS Tashkent 5:17 341 PN Pn 18 17 19.0 +0.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like DHRM DHARAMSHALA, AML Almayashu, etc.

DZA Taraz 6:44 359 eP Pn 18 17 36.9 +0.9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like DZA Taraz, BHK Bhakra, etc.

AAK Ala-Archa 6:40 20 P Pn 18 17 39.6 +1.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, etc.

AAK Karatay Array 6:69 354 PN Pn 18 17 39.4 0.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BRLS Bishkek, BRLS Bishkek, etc.

BRLS Boroday 6:70 349 / P Pn 18 17 36.1 -3.5

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BRLS Boroday, BRLS Karagaybulak, etc.

FRU1 Bishkek 6:80 20 PN Pn 18 17 43.0 +2.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SMLA Smla, KDJ Kajisay, etc.

TKM2 Tokmak 7:20 25 PN Pn 18 17 47.6 +1.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like TARG Taragay, TNSH Tian-Shan, etc.

AAA Alma-Ata 7:93 30 eP Pn 18 17 57.1 +0.8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like AAA Alma-Ata, MDOK Medeo, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KPKS, SHLS, NDI, GEYT, GYA0, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like UMQ, HATD, WBK, SOHO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ARU, ZEI, AKH, etc.

1401

QIZ	comp=Z,1µm,19.6s	LR	LR		
APA	Apatity	37.84 337	i/P	P	18 23 10.4 -0.3
APA			i/S	S	18 23 47.0
APA			pmax	S pmax	18 28 53.0 -1.4
APA	comp=Z,26nm,1.0s			MLR	MLR
VAY	comp=Z,8µm,12.0s				
MTSE	Matsula	38.00 293	eP	P	18 23 14.4 +2.1
SIRR	Siria	38.02 321	i/P	P	18 23 13.5 +1.3
CRVS	Cervenica-Dubn	38.12 301	i/P	P	18 23 15.4 +2.1
CRVS		38.17 305	eP	P	18 23 16.2 +2.4
CRVS	comp=Z,347nm,1.8s				
CRVS	Cervenica-Dubn	38.17 305	eP	P	18 23 16.2 +2.4
CRVS			ePP	PnPn	18 24 44.5 -0.8
BZS	Buzias	38.19 300	i/P	P	18 23 15.4 +1.5
MDVR	Moldovita	38.19 298	i/P	P	18 23 15.5 +1.5
STIP	Stip	38.22 293	eP	P	18 23 13.6 -0.7
DESE	Desa	38.24 237	eP	P	18 23 16.4 +1.4
BOVS	Bovan	38.31 297	eP	P	18 23 15.7 +0.7
STHS	Stebnicka Huta	38.32 306	i/P	P	18 23 16.1 +1.1
STHS			e		18 24 48.9
STHS	Stebnicka Huta	38.32 306	eP	P	18 23 16.1 +1.1
STHS			ePP	PnPn	18 24 48.9 +1.9
TIM	Timisoara	38.46 300	i/P	P	18 23 17.4 +1.4
TUR	Purge	38.46 317	eP	P	18 23 17.4 +1.4
BANR	Banloc	38.55 299	i/P	P	18 23 18.8 +1.9
SLIT	Slitere, Latvi	38.56 319	eP	P	18 23 18.1 +1.3
AGG	Agios Georgios	38.60 289	P	P	18 23 17.4 -0.1
AGG			pmax	pmax	
AGG	comp=Z,164nm,1.4s				
AGG	Agios Georgios	38.60 289	P	P	18 23 17.4 -0.1
AGG			iAmb	iAmb	18 24 28.7
BEL	Belsk	38.68 310	eP	PP	18 23 19.4 +1.4
BEL			ePP	PP	18 24 47.2 -0.9
BEL			eL	L	18 35 40.1
BEL	comp=Z,3µm,47.2s				
SKO	Skopje	38.73 294	i/P	P	18 23 20.1 +1.6
AMBH	Ambrzfalva	38.76 301	i/P	P	18 23 21.3 +2.2
AMBH		38.76 304	eP	P	18 23 21.6 +2.9
KECS	Kecovo	38.83 304	eP	P	18 23 22.3 +3.1
KECS			pmax	pmax	
KECS	comp=Z,26nm,0.8s				
KECS	Kecovo	38.83 304	eP	P	18 23 22.3 +3.1
LHMI	Lhok Sumawe	38.86 137	P	P	18 23 20.7 +0.9
NIE	Niedzica	38.94 306	eP	P	18 23 23.1 +2.9
NIE			ePP	PnPn	18 24 54.3 -0.1
NIE			eS	S	18 29 19.9 +8.4
NIE			eL	L	18 35 50.9
FNA	Florina	38.98 292	P	P	18 23 21.0 +0.4
FNA			pmax	pmax	
FNA	comp=Z,53nm,0.7s				
FNA	Florina	38.98 292	P	P	18 23 21.0 +0.4
BSZH	Besenyaszg	39.02 303	i/P	P	18 23 23.5 +2.7
BSZH		39.02 303	i/P	P	18 23 23.7 +2.9
NJ2	Nanjing	39.08 82	i/P	P	18 23 22.9 +1.4
NJ2			pP	pP	18 23 45.9 +0.7
NJ2			sP	sP	18 23 56.8 0.0
NJ2			ePP	PnPn	18 24 57.3 +1.0
NJ2			PcP	PcP	18 25 31.8 +2.3
NJ2			S	S	18 29 15.8 +1.9
NJ2			SS	SS	18 32 04.3 -5.5
NJ2	comp=Z,130nm,0.7s				
NJ2			pmax	pmax	
NJ2	comp=Z,1µm,4.3s				
NJ2			LR	LR	
NJ2	comp=Z,2µm,12.9s				
NJ2			LR	LR	
NJ2	comp=Z,1µm,15.9s				
NJ2			LR	LR	
NJ2	comp=Z,2µm,15.9s				
PSZ	Piszkesteto	39.24 304	i/P	P	18 23 24.5 +1.7
PSZ	Piszkesteto	39.24 304	eP	P	18 23 24.3 +1.5
PSZ	Piszkesteto	39.24 304	P	P	18 23 23.8 0.0
PSZ			pmax	pmax	
PSZ	comp=Z,782nm,2.0s				
PSZ	Piszkesteto	39.24 304	P	P	18 23 23.8 +1.0
OJC	Ojcow	39.28 307	eP	P	18 23 24.0 +1.2
OJC			ePP	PP	18 24 54.9 +0.4
OJC			eS	S	18 29 18.1 +1.9
OJC			eL	L	18 36 02.3
OJC	comp=Z,2µm,34.5s				
OJC	Ojcow	39.26 307	P	P	18 23 23.4 +0.6
OJC			pmax	pmax	
OJC	comp=Z,456nm,1.3s				
OKC	Ojcow	39.26 307	P	P	18 23 23.4 +0.6
ANKE	Ethiopia-Afar	39.29 235	eP	P	18 23 25.3 +1.5
DL2	Dalian	39.35 71	i/P	P	18 23 25.4 +1.7
DL2			eP	sP	18 24 00.3 +1.4
DL2			PcP	PcP	18 25 33.3 +3.0
DL2			S	S	18 29 20.8 +3.0
DL2	comp=Z,510nm,5.7s				
DL2			LR	LR	
DL2	comp=Z,2µm,16.8s				
DL2			LR	LR	
DL2	comp=Z,590nm,16.2s				
DL2			LR	LR	
OHR	Ohrid	39.35 293	i/P	P	18 23 22.1 -1.7
MLSI	Meulaboh, Aceh	39.37 139	comp=Z,7µm,comp=Z,7.50nm,0.6s	P	18 23 22.1 -1.9
LANS	Liptovska Anna	39.48 306	eP	P	18 23 27.6 +2.9
LANS			pmax	pmax	
LANS	comp=Z,97nm,1.7s				
LANS	Liptovska Anna	39.48 306	eP	P	18 23 27.6 +2.9
DIVS	Divibare	39.48 298	eP	P	18 23 26.0 +2.9
DIVS	Divibare	39.49 298	eP	P	18 23 26.5 +1.6
DIVS			iAmb	iAmb	18 23 52.9
FRGS	Fruska Gora	39.50 299	i/P	P	18 23 26.8 +1.9
FRGS	Fruska Gora	39.50 299	i/P	P	18 23 25.9 +1.0
TEKS	Tekser	39.77 298	eP	P	18 23 28.2 +1.1
BUD	Budapest	39.85 303	eP	P	18 23 30.0 +2.3
VYHS	Vyhne	39.92 304	eP	P	18 23 31.3 +3.0
VYHS			pmax	pmax	
VYHS	comp=Z,247nm,1.4s				
VYHS	Vyhne	39.92 304	eP	P	18 23 31.3 +3.0
BBLs	Lazići	39.94 297	eP	P	18 23 30.2 +1.6
RUDO	Rudo	40.00 297	eP	P	18 23 29.7 +0.7
MORH	Mirgy, Hungar	40.21 301	i/P	P	18 23 32.1 +1.4
MORH	Mirgy, Hungar	40.21 301	eP	P	18 23 31.4 +0.7
MORH	Mirgy, Hungar	40.21 301	eP	P	18 23 31.9 +1.1
HAPS	Han Pijesak, BI	40.24 298	eP	P	18 23 32.0 +1.0
SNY	Shenyang	40.24 66	i/P	P	18 23 31.8 +0.8
SNY			S	S	18 29 32.3 +1.3
SNY	comp=Z,220nm,0.7s				
SNY			pmax	pmax	
SNY	comp=Z,1µm,9.6s				
SNY			LR	LR	
SNY	comp=Z,2µm,11.4s				
SNY			LR	LR	
AAL	Aland	40.26 323	eP	P	18 23 32.2 +1.3
PDG	Podgorica	40.26 295	i/P	P	18 23 32.3 +1.1
PDG	Podgorica	40.26 295	eP	P	18 23 30.5 -0.7
PDG	Podgorica	40.26 295	P	P	18 23 32.0 +0.8
PDG			iAmb	iAmb	18 24 08.2
RAC	Raciborz	40.29 307	eP	PP	18 23 33.0 +1.7
RAC			ePP	PP	18 23 53.4 -1.1
RAC			LMZ	LR	18 43 27.7
RAC	comp=Z,1.8nm,17.7s				
RAC	Raciborz	40.29 307	eP	PP	18 23 33.0 +1.7
RAC			ePP	PP	18 23 53.4 -1.1
RAC			MLR	MLR	
SRO	Srobarova	40.31 303	eP	P	18 23 35.6 +4.1
SRO			pmax	pmax	
SRO	comp=Z,376nm,1.1s				
SRO	Srobarova	40.31 303	eP	P	18 23 35.5 +4.1
OKC	Ostrava-Krasne	40.33 307	eP	P	18 23 33.5 +1.9
OKC			eS	S	18 49 29.1 -3.1
OKC	comp=Z,2µm,15.4s				
OKC	Ostrava-Krasne	40.33 307	eP	P	18 23 33.5 +1.9
OKC			eS	S	18 29 29.1 -3.1

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OKC	comp=Z,2µm,15.4s	MLR	MLR		
OKC					
AAE	comp=E,2µm,15.3s	40.34 236	eP	P	18 23 33.1 +0.6
DRME	Dravecica, Mon	40.35 295	eP	P	18 23 32.1 +0.1
CSKK	Cskako	40.38 303	eP	P	18 23 33.8 +1.7
UPA	Unac-Piva	40.40 296	eP	P	18 23 34.8 +2.3
KOVH	Kovagotottos	40.60 301	eP	P	18 23 34.4 +0.4
TPTI		40.63 198	P	P	18 23 32.9 -1.5
TIH	Tihany	40.66 302	eP	P	18 23 36.5 +2.1
JAVC	Velka Javorina	40.68 305	eP	P	18 23 36.8 +2.2
JAVC			ePP	PP	18 25 14.4 +4.4
JAVC			S	S	18 29 42.3 +4.8
MORC	Moravsky Berou	40.72 307	i/P	P	18 23 36.4 +1.5
MORC	Moravsky Berou	40.72 307	P	P	18 23 36.4 +1.5
MORC	comp=Z,272nm,1.3s				
MORC	Moravsky Berou	40.72 307	eP	P	18 23 36.3 +1.3
MORC			ePP	PP	18 25 16.6 -0.7
MORC			eS	S	18 29 14.0 -1.3
MORC			eS	S	18 29 40.4 +2.0
MORC	Moravsky Berou	40.72 307	P	P	18 23 36.4 +1.5
MORC			iAmb	iAmb	18 23 39.1
MORC	comp=Z,272nm,1.2s				
SMOL	Smolenice	40.86 305	eP	P	18 23 37.8 +1.8
SMOL			pmax	pmax	
SMOL	comp=Z,48nm,1.1s				
SMOL	Smolenice	40.86 305	eP	P	18 23 37.8 +1.8
TRIE		40.94 132	P	P	18 23 38.0 0.0
MPLH	Magyarpolny	40.98 303	eP	P	18 23 37.6 +1.4
SNSI	Sinabang, Aceh	40.90 140	P	P	18 23 38.0 +1.3
GKP	Gorka Klasztor	40.91 312	eP	P	18 23 37.6 +1.2
GKP			ePP	PnPn	18 25 16.6 -0.7
GKP			eS	S	18 29 19.9 +1.6
GKP			eL	L	18 43 21.9
GKP	comp=Z,4µm,18.7s				
GKP	Gorka Klasztor	40.91 312	eP	P	18 23 37.9 +1.6
KULM	Kulim	40.94 132	P	P	18 23 38.0 +1.0
KULM		40.94 132	P	P	18 23 37.5 +0.6
KULM			iAmb	iAmb	18 23 38.5
MODS	Modra-Piesok	40.97 304	eP	P	18 23 38.7 +1.8
MODS			pmax	pmax	
MODS	comp=Z,250nm,1.6s				
MODS	Modra-Piesok	40.97 304	eP	P	18 23 38.7 +1.8
EGYH	Egyhazaskeszto	41.00 303	eP	P	18 23 38.5 +1.3
KEV	Kevo	41.00 338	P	P	18 23 37.5 +0.6
KEV			pmax	pmax	
KEV	comp=Z,120nm,1.0s				
KEV	Kevo	41.00 338	P	P	18 23 37.5 +0.6
KEV			iAmb	iAmb	18 24 14.1
DBRK	Dubrovnik	41.03 296	i/P	P	18 23 39.5 +2.0
ZST					

22d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TRO Tromso, SMRN Sveta Marina, INCMN Musan, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like NBB28 Valnes, NEUB Neuenburg, CJD Chujaedo, etc.

1402

Table with columns for station name, frequency, power, and other technical details. Includes stations like TBLU Trondheim, YNDB Yeoundo, KONO Kongsberg, etc.

22d 18h

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

2015 NOV

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

1404

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

Table with columns: Station Name, Az, El, Res, and various codes. Includes stations like PCA Pinnacle, PINN Pinnacle, KLBR Kellerberrin, etc.

Table with columns: Station Name, Az, El, Res, and various codes. Includes stations like LAO LASA Array, M57A Sunshine Farm, BOZ Bozeman (W), etc.

Table with columns: Station Name, Az, El, Res, and various codes. Includes stations like STG3 Santiago 3, FUG Fuego 3, NBG Las Nubes, etc.

GCG 22 18:17:21.2, 14:03N-94:20W, h35km, 999km, MD4.4
MEX 22 18:17:24.0, 9:13S-93:19W, h10km, MD4.4
IDC 22 18:17:28.6, 1.6, 14:08N-92:57W, h0km, mb4.0/6,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB01, PB02, PB07, etc.

Table with columns: DL2, Pg, P, S, Smax, Az, Phase, ID, Time, Res. Includes stations like DL2, DL2, DL2, etc.

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

Code Station Name Az Phase ID Time Res. Includes a list of station codes and their corresponding data.

22d 20h

Table of station data for 22d 20h, including station names, codes, frequencies, and coordinates. Includes stations like PB09, PB05, PB05, etc.

2015 NOV

Table of station data for 2015 NOV, including station names, codes, frequencies, and coordinates. Includes stations like SDBA, SMTB, PTGA, etc.

1408

Table of station data for 1408, including station names, codes, frequencies, and coordinates. Includes stations like SHLS, UZB, SATY, etc.

22d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DS1B, CBE, PEZE, ANBO, etc.

2015 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MIAR, PB14, 435B, P49A, etc.

1410

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BSFB, SPMN, VA03, etc.

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like SHOC Shoshone, Teco, FLWY Flagg Ranch, GSC Goldstone, etc.

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like PBAR Barrancos, POLO Lamas de Olo, PVRL Vila Rieta, etc.

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like TUE Stuetta, KEST Kesra, TOLK Toolik Lake, etc.

DRK		Iamb	Iamb	21 07 52.4	KSI	Kapahiang	41.48 177	P	P	21 10 32.2 +2.7	ARAO	ARCESS Array S	49.75 334	eP	P	21 11 35.0 +0.6
NIL	comp=Z,73nm,1.4s		P		MPSI	Mapaga	41.54 150	P	P	21 10 28.7 -1.3	ARCES	ARCESS Array B	49.75 334	P	P	21 11 34.1 -0.2
NIL	Nilore	22.41 267	P	Pmax	PETK	comp=Z,6,1nm,1.4s	41.72 50	P	P	21 10 32.7 +1.5	ARCES	comp=Z,5.6nm,0.5s,baz=86,slow=8.0,SNR=37		LR	LR	21 34 00.5
NIL	comp=Z,42nm,0.8s		P		PETK	comp=Z,4.3nm,0.8s,baz=241,slow=8.3,SNR=4.5		LR	LR	21 29 35.4	ARCES	ARCESS Array B	49.75 334	P	Pmax	21 11 34.7 +0.3
NIL	Nilore	22.41 267	P	Iamb	PETK	comp=Z,604nm,18.4s,baz=257,slow=39					ARCES	comp=Z,49nm,1.4s	49.75 334	P	Pmax	21 11 34.7 +0.3
SSLB	Suanglung	22.54 123	P	P	PET	Petrovalovsk	42.30 50	eP	S	21 10 45.4 +1.0	ARCES	ARCESS Array B	49.75 334	P	P	21 11 37.6 -0.3
NACB	Ninganchiao	22.71 121	P	Iamb	PDSI	Maura Dua	42.40 174	P	S	21 10 38.1 +1.1	FINES	FINES Array B	50.21 323	P	P	21 11 37.4 -0.5
BTK	comp=Z,82nm,1.5s		Iamb	Iamb	GTOI	GORontalo	42.59 145	P	P	21 10 39.1 +0.5	FINES	comp=Z,22nm,0.6s,baz=84,slow=7.9,SNR=128		LR	LR	21 34 25.4
YULB	Batken	23.04 284	Iamb	Iamb	GTOI	gorontalo	42.59 145	P	P	21 10 39.1 +0.5	FINES	FINES Array B	50.21 323	P	P	21 11 37.9 0.0
YULB	Yu-li	23.04 123	P	Iamb	GTOI	Tsey	42.62 295	eP	Pmax	21 10 35.6 -3.3	FINES	FINES Array B	50.21 323	P	P	21 11 37.9 0.0
UBPT	Khong Chiam	23.05 167	P	P	GNI	Garni	42.67 291	P	P	21 10 42.0 +2.6	FAKI	Fak Fak	50.25 137	P	P	21 11 39.5 +0.7
KKAR	Karatay Array	23.22 292	P	P	GNI	Garni	42.67 291	eP	Pmax	21 10 42.1 +2.8	FAKI	Fak Fak	50.25 137	P	Iamb	21 11 38.4 -0.4
TWG	Pinlang	23.29 125	P	P	GNI	Garni	42.67 291	P	Iamb	21 10 40.9 +1.5	FAKI	Fak Fak	50.25 137	P	Iamb	21 11 43.3
JTU	Tsushima	23.59 90	P	Iamb	GNI	Garni	42.67 291	P	Iamb	21 10 48.2	HAMF	Hammerfest	50.33 335	eP	P	21 11 38.5 -0.2
JTU	comp=Z,113nm,1.5s				VRH	Novokhoporsk	42.71 308	eP	P	21 10 38.3 -0.9	VSU	Vasula	50.35 319	eP	P	21 11 39.9 +0.9
MSHR	Mys Shultsa	23.83 69	eP	P	VRH			Pmax	Pmax		VSU	Vasula	50.35 319	eP	Pmax	21 11 38.7 -0.3
MSHR			Pmax	Pmax	GOF	Goftskoye	42.74 298	iP	P	21 10 40.6 +1.0	MNK	Minsk	50.49 314	iP	P	21 11 39.6 -0.6
TAS	Tashkent	24.12 288	P	Pmax	GOF			Pmax	Pmax		MNK					21 12 58.2
TAS	comp=Z,46nm,1.0s				GOF						MNK					21 13 34.3
TAS	Tashkent	24.12 288	P	P	LWLI	Liwa	42.92 175	P	P	21 10 42.3 +1.0	MNK					21 14 30.4
TAS	comp=Z,42nm,1.0s		Iamb	Iamb	LWLI	comp=Z,1um,comp=Z,32nm,0.8s					MNK					21 18 53.4 -0.2
ZE	Zeya	24.24 41	eP	S	KBZ	Khabz	43.13 297	P	P	21 10 42.9 +0.3	MNK					21 23 54.0
ZE	comp=Z,20nm,1.1s		Pmax	Pmax	KBZ	comp=Z,21nm,1.1s,baz=81,slow=4.2,SNR=13		LR	LR	21 31 59.8	MNK	comp=E,3.0nm,0.9s		Pmax	Pmax	
ZE	comp=E,1um,15.2s		smax	smax	KBZ	Khabz	43.13 297	eP	P	21 10 44.0 +1.3	MNK	comp=Z,20nm,0.9s		Pmax	Pmax	
ZE	comp=N,1um,14.4s		smax	smax	KBZ	Kislovodsk	43.23 297	iP	P	21 10 45.3 +1.6	MNK	comp=N,5.0nm,0.9s		MLR	MLR	
ZE	comp=E,2um,11.0s		MLR	MLR	KBZ	Kislovodsk	43.23 297	eP	P	21 10 45.3 +1.6	MNK	comp=E,8.0nm,9.0s		MLR	MLR	
ZE	comp=N,1um,7.0s		MLR	MLR	KBZ	Kislovodsk	43.23 297	eP	S	21 12 26.1	MNK	comp=Z,272nm,18.0s		MLR	MLR	
ZE	comp=Z,2um,10.0s				KBZ	Kislovodsk	43.23 297	eP	Pmax	21 17 12.4 +2.0	MNK	comp=N,313nm,18.0s	50.49 314	iP	P	21 11 39.7 -0.5
USA0B	Ussuriysk Arra	24.50 65	P	Pmax	KIV	Kislovodsk	43.23 297	P	Iamb	21 10 43.9 +0.3	MNK	comp=N,5.0nm,0.9s		iP	P	21 11 39.7 -0.5
USA0B	comp=Z,39nm,1.5s				KIV					21 10 46.9	MNK	comp=Z,20nm,0.9s,baz=78		P	P	21 11 39.7 -0.5
USA0B	Ussuriysk Arra	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 45.5 +1.4	MNK			iP	P	21 12 58.2 +0.1
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1 +1.3	MNK			iP	P	21 13 34.4 -1.2
USRK	Ussuriysk Ar	24.50 65	P	P	AKH	Akhalkalaki	43.26 293	iP	P	21 10 46.1						

22d 21h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like KOLS, UZH, TRPA, etc.

2015 NOV

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like PRA, CONA, MUD, CLL, etc.

1414

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like TCOL, COLA, COLA, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Tana Toraja, SPSI, KKM, SBUM, MTN, etc.

IDC 22:29:43.4, 0.9, 26.28N, 142.61E, h0km, mb3.0/0.16, mb1.4/2.17, mb1mx3.9/4.6, mbtmp4.0/1.7, ML3.1/1, MS3.4/2, Ms1.3/3.2, ms1mx2.6/4.0, Error ellipse: s-maj=34.3km s-min=14.0km az=79.0

NEIC 22:29:45.0, 1.1, 26.4N, 0.1, 143.0E, 0.1, h10km, 1km, mb4.6/16, Error ellipse: s-maj=29.5km s-min=4.0km az=43.0

ISC 22:29:48.1, 0.7, 26.29N, 0.0, 142.8E, 0.2, h35km, n48, r15/146, mb4.3/24, Bonin Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matsushiro Arr, MAJO, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like NORSAR Subarra, NOA, RAYN, etc.

IDC 22:24:26.2, 0.6, 37.59N, 71.47E, h77km, 19km, mb3.3/3, mb1.3/4.5, mb1mx3.1/3.0, mbtmp3.7/5, MS3.2/2, Ms1.3/2.2, ms1mx2.5/3.8, Error ellipse: s-maj=100.6km s-min=8.8km az=153.0

NNC 22:24:46.3, 0.1, 5.2, 36.82N, 71.27E, h186km, 90km, mb2.6, mp0.3, 5, Error ellipse: s-maj=53.2km s-min=30.3km az=24.0

ISC 22:24:46.2, 0.6, 37.59N, 0.1, 71.47E, 0.1, h100km, n11, r1572/14, 4C-2D, Afghanistan-Tajikistan border region

ISC 22:25:12.4, 0.1, 13.82N, 0.1, 109.93E, 0.05, h13km, 11km, n43, r1575/47, mb4.2/11, MS3.4/3, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Karatay Array, KK02, AAK, etc.

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

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

IDC 22:14:27.41.1.8, 26.00k, 142.59E, h0km, mb3.8/9, mb1 4.0/9, mb1 7x2.42, mbtmp3.8/9, MS3.1/1, Ms1 3.1/1, ms1mx2.4/34, Error ellipse: s-maj=82.7km s-min=19.3km az=80.0

IDC 22:13:42.4.1.7, 26.00k, 0.2x142.7E:0.5, h36km, n17, r1818/11, mb3.9/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ, KSRs, H1N1, etc.

IDC 22:23:26:10.6:8.7, 49.63N, 114.56W, h0km, mb1 3.5/1, mb1mx2.8/29, mbtmp3.1/1, ML2.7/1, Error ellipse: s-maj=129.2km s-min=46.0km az=52.0, British Columbia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I56SU, I60CA, YKA, etc.

IDC 22:25:18.3:31.0, 19.97S, 179.24W, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.7/32, mbtmp3.9/4, MS3.0/1, Ms1 3.0/1, ms1mx2.5/32, Error ellipse: s-maj=584.7km s-min=142.9km az=87.0

NEIC 22:23:56:26.7:0.8, 21.7S:0.2x178.89E:0.0, h565km, 8km, mb4.4/14, Error ellipse: s-maj=26.4km s-min=8.1km az=184.0

IDC 22:23:56:25.6:0.7, 21.8S:0.1x178.89E:0.0, h550km, n25, r0932/24, mb3.9/9, South of Fiji Islands

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

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

DJA 23:00:01:09.2:0.5, 0.5S:3.3, 123E, h135km, 5km, M3.7/8, mb3.9/1, MLv3.5/8, Minahassa Peninsula, Sulawesi

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

IDC 23:00:13:49.8:2.3, 2.38N:126.79E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.1/26, mbtmp3.4/3, MS3.3/1, Ms1 3.3/1, ms1mx2.5/17, Error ellipse: s-maj=18.6km s-min=27.3km az=66.0, Northern Molucca Sea

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

IDC 23:00:02:05.9:0.6, 38.38N:162.79E, h0km, mb4.0/22, mb1 4.1/27, mb1mx4.0/59, mbtmp4.0/27, ML3.5/5, MS3.2/5, Ms1 3.2/5, ms1mx2.8/47, Error ellipse: s-maj=23.5km s-min=11.1km az=46.0

BUI 23:00:32:06.5:0.0, 38.47N:90.86E, h9km, mb4.5/2, mb4.6/8, ML4.1/13, MS3.5/11, Ms7.3/49, MOS 23:00:32:06.4:1.1, 38.50N:90.79E, h15km, mb5.0/5, Error ellipse: s-maj=10.6km s-min=5.2km az=131.7

NEIC 23:00:32:07.7:1.7, 38.4N:0.1x90.9E:0.1, h10km, 1km, mb4.3/31, ML4.0(BJ), Error ellipse: s-maj=19.6km s-min=14.0km az=205.0

IDC 23:00:32:07.0:0.6, 38.46N:0.07x90.86E:0.05, h10km, n113, r137/114, mb4.3/40, MS3.3/3, 2C, Southern Xinjiang

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

SHLS Shalkod 9.83 302 eP Pn 00 34 25.9 -3.2

UZB Uzunkolay 10.12 301 eP Pn 00 34 36.7 +3.6

PRZ Przheval'sk 10.31 297 P Pn 00 34 37.5 +1.8

PRZ Przheval'sk 10.31 297 Pn Pn 00 34 37.5 +1.8

MK31 Makanchi Array 10.45 326 P Pn 00 34 37.5 +0.1

MK31 Makanchi Array 10.45 326 Pn Pn 00 34 37.5 +0.1

MKAR Makanchi Array 10.45 326 Pn Pn 00 34 37.5 0.0

MKAR 2.5nm, 0.3s, baz=130, slow=13, SNR=131 Sn Sn 00 36 31.2 -3.3

MKAR 0.5nm, 0.3s, baz=139, slow=23, SNR=9.1 Lg Lg 00 37 34.3

MKAR Makanchi Array 10.45 326 Pn Pn 00 34 37.4 -0.1

KPKS Kokpek 10.48 302 eP Pn 00 34 36.8 -1.1

TARG Taragay, Kyrgy 10.52 392 P Pn 00 34 39.7 +0.9

MAK2 Makanchi 10.53 326 P Pn 00 34 39.0 -0.5

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

BRZ3 Berezinki 17.34 317 eP Pn 00 36 09.0 -0.7

KBL Kabul 17.96 264 P Pn 00 36 16.0 -1.7

KBL Kabul 17.96 264 P Pn 00 36 16.0 -1.7

BVAV Borovoye Array 20.30 322 P Pn 00 36 43.8 +0.3

BRVK Borovoye 20.37 322 eP Pn 00 36 44.7 +0.5

BRVK 2.4nm, 0.8s, baz=174, slow=15, SNR=16 pmx pmx 00 36 44.7 +0.5

BRVK Borovoye 20.37 322 P Pn 00 36 44.2 0.0

SLVN Son La 20.43 144 P Pn 00 36 43.3 -1.9

CMV Chiang Mai Arr 21.14 158 P Pn 00 36 52.1 -0.6

CMV 1.6nm, 0.8s, baz=335, slow=10, SNR=11 Pn Pn 00 36 52.1 -0.6

ABKAR Akbulak array 24.60 306 P Pn 00 37 28.3 +0.5

ABKAR Akbulak array 24.60 306 P Pn 00 37 28.5 +0.7

GEYT Alibek 25.67 279 P Pn 00 37 39.3 +1.7

GEYT 0.2nm, 0.8s, baz=66, slow=24, SNR=1.5 LR LR 00 48 42.6

AKTO Aktyubinsk 26.11 308 P Pn 00 37 42.1 +0.6

SVE Sverdlovsk 27.09 323 eP Pn 00 37 54.9 +4.7

ARU Arti 27.91 321 P Pn 00 37 59.2 +1.6

ARU 0.2nm, 0.5nm, 0.4s, baz=71, slow=4.1, SNR=3.1 Pn Pn 00 37 56.5 -1.1

KSRs Korea Array 29.12 80 LR LR 00 50 55.3

KBZ Khabaz 36.12 294 P Pn 00 39 10.1 +0.4

GMV Garm 36.12 294 Pn Pn 00 39 10.1 +0.4

JMZ Zalesovo Beam 36.15 158 P Pn 00 39 27.8 -2.3

GURO Guroyamak-BITL 37.84 286 P Pn 00 39 23.3 -1.3

GURO 0.2nm, 0.3s, baz=121, slow=8.7, SNR=4.4 IAMB IAMB 00 39 27.6

KLMM Klimovskoe 38.72 322 eP Pn 00 39 30.9 -0.6

KLMM 2.16nm, 1.2s, baz=109, slow=13, SNR=13.5 Pn Pn 00 39 32.8

KLMM Klimovskoe 38.72 322 eP AMP 00 39 31.0 -0.6

BR131 Keskin Array S 43.77 290 P Pn 00 40 12.6 -0.9

BR131 Keskin Array S 43.77 290 P Pn 00 40 12.6 -0.9

BR131 Keskin Array S 43.77 290 P IAMB IAMB 00 40 14.2 +0.6

BR131 Keskin Array S 43.77 290 P Pn 00 40 14.2 +0.6

BRTR Keskin Array B 43.77 290 P Pn 00 40 13.2 -0.4

AKASO Malin Array Be 44.34 307 P Pn 00 40 17.8 +0.1

AKASO 2.2nm, 0.4s, baz=177, slow=7.2, SNR=4.2 Pn Pn 00 40 17.8 +0.1

AKASG Malin Array Be 44.34 307 eP Pn 00 40 17.8 +0.1

MMAI Malin Array B 44.77 281 P Pn 00 40 22.9 +1.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PFB Port Renfrew, OCP Olym-Cheeka Pk, CLRS Cowichan Lake, etc.

IDC 23 01:41:52.9-4.0, 36.23N, 127.46E, h173km, 27km, mb3.3/7, m1 3.2/13, mb1mx3.1/5.0, mbtmp3.8/13, MS3.2/1, Ms1 3.2/1, ms1mx2.3/27, Error ellipse: s-maj=44.9km s-min=17.0km az=152.0

NNC 23 01:42:02.2-7.0, 37.05N, 127.01E, h173km, 111km, mb3.2, mpv4.0, Error ellipse: s-maj=65.1km s-min=35.0km az=13.0

ISC 23 01:41:56.6-0.6, 36.54N, 127.34E, h200km, n42, s164/47, mb3.6, 3C-4Z, Hindu Kush region

Main station list for Kuril Islands region, including stations like CEP Cherat, CHCP Chirah Chowk, THW Thammie Waili, AML Almayusha, etc.

SPN Mys Shipunski, GNL Ganaly, KKL Karymskiy, MKZ Mys Kozlova, TUMR Tumrok, KMNr Kamenistaya. Includes NDC and IDC data for various stations.

Code Station Name Az AzZ Phase ID Time Res

Main station list for Fiji Islands region, including stations like TAVE Taveuni, DGTT Dogotuki, MSVF Nonsavu, DZM Mont Dzumac, etc.

BBOO Buckleboob, WRR0 Warrungarra Arr, WBO Warrungarra Arr, WB2 Warrungarra Arr, WRAB Tennant Creek, WRA Warrungarra Arr, WRA Alice Springs, WRA Alice Springs, WRA Alice Springs, etc.

TUL 23 02:19:21.1-1.4, 36.84N, 140.010, 97.79W, h40km, 7km, ML2.6, mb, Lg2.3/13(NEIC), Error ellipse: s-maj=1.5km s-min=1.1km az=142.0

NEIC 23 02:19:22.1-0.6, 36.809N, 140.010, 97.78W, h40km, 6km, Error ellipse: s-maj=1.6km s-min=1.5km az=115.0

Code Station Name Az AzZ Phase ID Time Res

Main station list for Oklahoma region, including stations like GC02 Grant County #, KAN14 Manchester OK, KAN17 Caldwell West, etc.

KRSC 23 01:57:32.6-1.9, 50.28N, 157.22E, h40km, 22km, ML4.0, Kuril Islands

Main station list for Kuril Islands region, including stations like SKR Severo-Kuril's, SKR Pauzhetka, PAU Pauzhetka, etc.

NEIC 23 02:13:14.5-0.9, 18.03S, 177.97W, h20km, 12km, mb3.1/5, mb4.0/18, Error ellipse: s-maj=24.4km s-min=10.0km az=69.0

IDC 23 02:13:16.2-1.9, 18.04S, 178.14W, h621km, 12km, mb3.1/5, mb1 3.4/7, mb1mx3.1/27, mbtmp4.2/7, Error ellipse: s-maj=64.3km s-min=16.8km az=150.0

ISC 23 02:13:13.5-0.8, 18.1S, 178.02W, h1.0, h590km, n36, s162/40, mb4.0/15, Fiji Islands region

Code Station Name Az AzZ Phase ID Time Res

Main station list for Fiji Islands region, including stations like MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, etc.

FUNV 23 02:30:30.7, 8.47N, 71.41W, h4km, MW3.1, ISC 23 02:30:31.1-2.8, 8.50N, 71.42W, h8km, 10km, n31, s161/54, 1D, Venezuela

Code Station Name Az AzZ Phase ID Time Res

Main station list for Venezuela region, including stations like SOCV Socops, SOCV Socops, SOCV Socops, etc.

23d 2h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BRRRC Barranca, Sant, RUSC La Rusia, ARGC Ariguani, Magd, etc.

KRNET 23 02:32:17.8.0.1, 41.20Nk:73.73E, h14km, mb3.1
NNC 23 02:32:18.9.0.9, 41.32Nk:73.72E, h0km, mb3.5, mpv3.3,
Error ellipse: s-maj=8.2km s-min=3.4km az=165.0

Main table for 23d 2h section, listing various stations and their parameters. Includes stations like SALK Salom-Alik, OHH Osh, AML Almayashu, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TNSS Tian-Shan, TNSS Tian-Shan, MDOK Medeo, etc.

NEIC 23 02:33:00.5.2.9, 54.0Nk:1.165.0W:0.1, h91km, 7km,
mb3.8/8, ML3.3/6, ML3.5(AEIC), Error ellipse:
s-maj=16.6km s-min=5.0km az=152.0

Main table for 2015 NOV section, listing various stations and their parameters. Includes stations like AKSA Akutan Strait, WESP Westdahl Peak, WESE West Dahl East, etc.

1424

Main table for 1424 section, listing various stations and their parameters. Includes stations like s-maj=9.5km s-min=6.4km az=70.0, NEIC 23 02:54:01.2.1.4, 43.57Nk:0.01:109.81W:0.03, etc.

Table with columns: NEW, KVN, KOSA, NVAR, NVAR, NVAR, ANMO, ECSD, ULMS. Rows contain station names, coordinates, and other technical data.

UCR 23 02:56:56.6:1.5, 8:28N, 82.76W, h13km, 5km, MW3.9
UPA 23 02:56:57.0:0.5, 8:30N, 82.85W, h22km, 1km, MW3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SBAR3, PTPM, LESP3, etc.

IDC 23 03:06:59.0:4.1, 5:36S, 149.87E, h0km, mb3.0/2
mb1 3.4/2, mb1mx3.2/35, mbtm3.1/2, Error ellipse:
s-maj=141.8km s-min=53.6km az=114.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WRA, ASAR, TORD.

IDC 23 03:15:20.2:1.4, 27:86N, 104:52E, h0km, mb3.4/3,
mb1 3.6/4, mb1mx3.3/48, mbtm3.4/4, MS3.5/1, Ms1 3.5/1,
ms1mx2.6/31, Error ellipse: s-maj=91.5km
s-min=24.3km az=64.0, Yunnan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SONM, KANAR, KAPI, WRA, ASAR.

THE 23 03:17:56.5, 34:97N, 22:85E, h11km, 1km, ML3.4/3, Error
ellipse: s-maj=1.2km s-min=0.6km az=3.0

DDA 23 03:18:09.0, 35:67N, 23:52E, h87km, 139km, ML3.2
ATH 23 03:17:58.4, 34:99N, 23:16E, h67km, 5km, ML3.2/9, Error
ellipse: s-maj=6.3km s-min=1.8km az=57.0, Crete

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KNDR, ROPDOS, GVD, etc.

Table with columns: VLI, VLI, NPS, NPS, APE, APE, AGG, AGG, MULA, MULA, FNA, FNA. Rows contain station names and coordinates.

FUNV 23 03:21:58.7, 8:45N, 71:41W, h5km, MW3.2
ISC 23 03:21:58.2:1.2, 8:51N, 0:03, 71:36W, 0:03, h11km, 10km,
n36, c1936/62, 1C-1D, Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SOCV, SOCV, CAPV, CAPV, PAMC, PAMC, etc.

NIED 23 03:28:36.6, 38:51N, 144:61E, h40km, MW3.5, Moment
Tensor Solution, s3 Moment tensor, Scale 10^19Nm;
Mw=1.35; Mw0.07; Mw1.1; Mw0.83; Mw0.14; Mw0.98;
Fault plane solution: M1: 76000x10^14 NP1:
q=202.00000, r=66.00000, lambda=77.00000. NP2:
q=354.00000, r=827.00000, lambda=116.00000.

JMA 23 03:28:36.6:0.2, 38:51N, 144:61E, h40km, M3.5, Off east
coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like OFUJ, OFUJ, MIYJ, MIYJ, etc.

IDC 23 03:30:33.5:7.1, 49:68S, 123:88E, h0km, mb3.7/3,
mb1 4.0/3, mb1mx3.7/24, mbtm3.7/3, MS3.3/5, Ms1 3.3/5,
ms1mx3.1/14, Error ellipse: s-maj=374.1km
s-min=29.6km az=93.0, Western Indian-Antarctic Ridge

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

comp=E, 2.7mm, 20.8s, baz=300, slow=35

ATH 23 03:41:46.5, 38:54N, 20:54E, h14km, ML2.7/9, Error
ellipse: s-maj=1.7km s-min=0.6km az=288.0
THE 23 03:41:46.5, 38:52N, 20:58E, h12km, ML3.0/10, Error
ellipse: s-maj=0.8km s-min=0.2km az=287.0

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like FSK, FSK, FSK, etc.

23d 4h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HG4B Hotspiring, BNB Barry Inlet, MOCB Moresby Island, etc.

2015 NOV

Table with columns: F05D, White Salmon, 8.54 128 P, Pn, 04 16 04.1 +2.4. Includes stations like FNBFB Fort Nelson, H04D Lebanon, G05D Wamic, OR, etc.

1426

Table with columns: NV11 Mina Array Sit, 15.97 140 P, Iamb, P, 04 17 44.0 -2.6. Includes stations like POKR POKer Plat Res, POKR POKer Plat Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like EYMN Ely, AMTX Amarillo, MNTX Cornudas Mount, etc.

IDD 23 04:18:39.9, 3.0, 51.34N, 131.77W, h0km, mb1 3.5/5, mb1mx3.2/54, mbtmp3.2/5, ML3.4/3, Error ellipse: s-maj=47.9km s-min=19.9km az=49.0

PGC 23 04:18:43.2, 2.0, 51.49N, 131.21W, h10km, ML3.1/12, Mw3.7, 12.200km Sse of Sandspit, Be Haida Gwaii Region

ISC 23 04:18:41.9, 2.6, 51.51N, 131.30W, 0.06, h13km, 17km, n32, e1933/40, Queen Charlotte Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HG4B Hotspring, BNB Barry Inlet, MOCB Moresby Island, etc.

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baz=294,slow=8.8,SNR=1.7
IDD 23 04:27:15.5, 5.3, 6.37, 16N, 72.31E, h202km, 25km, mb3.3/10, mb1 3.5/16, mb1mx3.2/45, mbtmp4.0/16, MS3.5/2, Ms1 3.5/2, ms1mx2.6/30, Error ellipse: s-maj=40.7km s-min=15.8km az=152.0

MOS 23 04:27:17.5, 5.0, 8.37, 44N, 72.22E, h221km, mb4.0/4, Error ellipse: s-maj=13.6km s-min=5.6km az=83.9

NEIC 23 04:27:18.1, 12.37, 40N, 0.07, 72.17E, 0.08, h212km, 4km, mb4.0/15, Error ellipse: s-maj=9.8km s-min=9.7km az=171.0

NNC 23 04:27:26.5, 5.6, 38.14N, 72.37E, h245km, 53km, mb3.1, mp4.5, Error ellipse: s-maj=59.4km s-min=30.0km az=2.0

ISC 23 04:27:16.8, 0.5, 37.40N, 0.05, 72.17E, 0.05, h200km, n116, e149/125, mb3.8/19, 9C-5D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like DRK Karamyk, GAR Garm, CHGR Chuyangaron, etc.

IDD 23 04:36:39.5, 9.0, 3.25N, 123.55E, h391km, 108km, mb3.2/10, mb1 3.3/10, mb1mx3.0/38, mbtmp4.0/10, Error ellipse: s-maj=132.3km s-min=21.0km az=65.0

ISC 23 04:36:40.3, 0.9, 3.3N, 0.04, 123.6E, 0.8, h400km, n10, e085/10, mb3.6/10, Celebes Sea

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

23d 4h

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

IDD 23 04:37:44.3, 1.0, 31.57S, 71.71W, h0km, mb4.1/5, mb1 4.1/9, mb1mx3.9/24, mbtmp4.0/9, ML3.9/4, MS3.4/7, Ms1 3.4/7, ms1mx3.2/21, Error ellipse: s-maj=28.4km s-min=24.5km az=128.0

SJA 23 04:37:45.3, 1.0, 31.58S, 71.98W, h14km, 8km, ML4.3, MW4.2

GUC 23 04:37:48.0, 0.8, 31.54S, 71.85W, h36km, 2km, ML4.3

NEIC 23 04:37:48.0, 1.4, 31.53S, 0.03, 71.92W, 0.04, h24km, 4km, mb4.6/16, Mw4.0/44, ML4.3(GUC), Error ellipse: s-maj=6.0km s-min=1.0km az=125.0

NEIC 23 04:37:48.1, 31.53S, 71.97W, h26km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr1.21; Mw0.08; Mmo-1.29; Mm0.31; Mm0.03; Mm0.20; Fault plane solution: M0.131000x10^15 Np1.0x10^15.0000; 0.51.160000; 1.108.410000; NP2.0x164.880000; 0.42.350000; 1.68.580000; Principal axes: T 1.0085, P1g75.0000, Azm143.0000; N -0.0038, P1g14.0000; Azm181.0000; -1.3047, P1g5.0000; Azm90.0000;

ISC 23 04:37:48.2, 7.1, 31.55S, 0.03, 72.07W, 0.05, h8km, 17km, n127, e166/149, mb4.6/12, 6C-12D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CO06 Fray Jorge, CO06 Zalesovo Beam, CO06 Fray Jorge, etc.

23d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Torpederas, El Roble, Tololo Observa, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like Villa Florida, CPUP, CPUP, etc.

1428

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

ASAR Alice Springs 56.88 137 P P 06 00 03.4 +1.1
FINES Fines Array B 63.32 300 P P 06 00 45.8 0.0

IDC 23 05:51:00.7:1.1, 0.21N, 123.23E, h0km, mb3.8/5,
mb1 4.0/6, mb1mx3.7/40, mbtmp3.9/6, ML4.3/1, Error
ellipse: s-maj=104.9km s-min=18.4km az=67.0

DJA 23 05:51:17.9:0.5, 0.2S, 4.12E, h140km, 6km, M4.1/10,
MLv4.1/10

ISC 23 05:51:17.6:0.8, 0.14S, 0.07:123.06E, 0.06, h162km, n16,
a=153/18, mb3.6/5, Minahassa Peninsula, Sulawesi

Code Station Name Az AZZ Phase ID Time Res
GTOI Gorontalo 0.78 357 P Op ISC h m s ISC
GTOI Gorontalo 0.78 357 P Pn 05 51 42.0 +0.1

IDC 23 05:53:42.9:3.0, 52.10N, 171.74E, h0km, mb3.2/3,
mb1 3.6/3, mb1mx3.2/44, mbtmp3.3/3, Error ellipse:
s-maj=104.8km s-min=36.7km az=4.0

NEIC 23 05:53:52.4:0.7, 52.11N, 0.2:173.3E, 0.4, h18km, 15km,
ML2.8/2, Error ellipse: s-maj=42.0km s-min=8.9km
az=119.0

ISC 23 05:53:52.8:2.4, 52.11N, 0.2:173.1E, 0.2, h24km, n8,
a=95/8, mb3.1/3, Near Islands

Code Station Name Az AZZ Phase ID Time Res
SMY Shemya 0.83 45 Op ISC h m s ISC
SMY Shemya 0.83 45 P Pn 05 54 08.4 +0.5

IDC 23 06:39:36.4:2.9, 16.30S, 173.87W, h48km, 28km, mb3.8/9,
mb1 4.1/9, mb1mx3.8/30, mbtmp4.0/9, ML5.0/1, Error
ellipse: s-maj=33.2km s-min=15.3km az=133.0

NEIC 23 06:39:37.0:1.0, 16.30S, 0.1:173.8W, 0.1, h51km, 5km,
mb4.5/12, Error ellipse: s-maj=20.6km s-min=15.7km
az=57.0

ISC 23 06:39:36.5:0.6, 16.31S, 0.08:173.8W, 0.1, h50km, n31,
a=84/32, mb4.1/13, Tonga Islands

Code Station Name Az AZZ Phase ID Time Res
AFI Afiamalu 3.08 39 Op ISC h m s ISC
AFI Afiamalu 3.08 39 P Pn 06 40 24.1 +1.3

NEIC 23 07:02:24.5:1.3, 36.182N, 0.005:97.04W, 0.02, h5km, 7km,
mb, Lg2.1/6, Error ellipse: s-maj=1.9km s-min=0.5km
az=74.0, Oklahoma

Code Station Name Az AZZ Phase ID Time Res
QUOK Quay 0.27 92 P Op ISC h m s ISC
QUOK Quay 0.27 92 P Pn 07 02 29.8 0.0

CROK Oklahoma City 0.83 204 Sg Sg 07 02 51.2 +0.2
OKCFA Oklahoma City 0.83 204 P Pn 07 02 39.9 -0.6

OKCFA Oklahoma City 0.83 204 Sg Sg 07 02 51.2 +0.2
OKCWS OKLAHOMA CITY 0.84 203 Sg Sg 07 02 39.9 -0.7

T35A Sooner Cattle 0.85 30 Sg Sg 07 02 51.6 +0.1
KAN13 South Haven SW 0.90 337 Sg Sg 07 02 41.3 -0.5

W35A Tecumseh 1.04 172 Pg Sg 07 02 43.3 -1.2
KAN17 Caldwell West 1.04 326 Pg Sg 07 02 43.7 -0.7

W39A Magazine 2.81 87 Pn Pn 07 03 08.5 +1.2
W39A Magazine 2.81 87 Pn Pn 07 03 08.5 +1.2

W39A Magazine 2.81 87 Pn Pn 07 03 08.5 +1.2
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W39A Magazine 2.81 87 Pn Pn 07 03 08.5 +1.2

X40A Basin Creek Fa 5.47 111 Pn Pn 07 15 51.0 +1.4
WHAR Woolly Hollow 5.62 102 Pn Pn 07 15 53.3 +1.8

FCAR Ozark Folk Cen 5.62 95 Pn Pn 07 15 53.5 +1.6
R40A Maddies Statio 5.63 71 Pn Pn 07 15 50.6 -1.2

ISCO Idaho Springs 6.09 304 Pn Pn 07 15 50.0 +1.4
JCT Junction City 6.14 186 IAMB_Lg 07 17 48.0

SOME 23 07:14:39.9, 41.32N, 73.65E, h0km
NNC 23 07:14:40.9, 41.4, 25N, 73.65E, h0km, mb3.7, mpv3.5,
Error ellipse: s-maj=12.1km s-min=6.1km az=167.0

KRNET 23 07:14:40.2, 0.1, 41.20N, 73.72E, h23km, mb3.3
KNET 23 07:14:42.1, 0.3, 41.33N, 73.80E, h8km, mb2.7, Error
ellipse: s-maj=2.3km s-min=1.7km az=65.0

ISC 23 07:14:39.9, 41.21, 25N, 0.03:73.71E, 0.02, h3km, 10km,
n50, a=109/89, 43C, Kyrgyzstan

Code Station Name Az AZZ Phase ID Time Res
AML Almayasu 0.88 359 P Pn 07 15 10.6 -2.6
AML Almayasu 0.88 359 P Pn 07 14 57.7 -0.4

AML Almayasu 0.88 359 P Pn 07 15 10.6 -2.6
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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FRGS, MDVR, RIC, ZAPS, etc.

IDC 23 08:35:16.8:0.6,4.19N:126.71E,h0km,mb4.3/16, mb1.4/17,mb1mx4.1/52,mbtmp4.3/17,ML4.1/1,MS3.4/6, Ms1.3/4,6,ms1mx3.0/55,Error ellipse: s-maj=42.4km s-min=12.1km az=72.0

DJA 23 08:35:19.7:0.3,4.19N:127.7E,h10km,M4.6/26,mB5.2/6, mb4.6/26,MLv4.7/14,MvM4.6/6

NEIC 23 08:35:23.6:1.6,4.19N:126.79E,h0km,7km, mb4.6/34,Error ellipse: s-maj=14.3km s-min=8.8km az=72.0

ISC 23 08:35:22.7:0.4,4.24N:105.126:88E,0.06,h36km,n103, r121/97,mb4.6/34,MS3.4/4,Talau Islands

Main table for Talau Islands region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SSGS, DAV, TMTI, etc.

Table for Southwestern Ruyukyu Islands region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MKAR, MAKZ, KDJ, etc.

TAP 23 08:39:01.2,24.14N:121.63E,h6km,ML1.6,C,Taiwan

Main table for Taiwan region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ETL, NACB, TWD, etc.

JMA 23 08:39:43.2:0.2,24.63N:123.75E,h6km,M1.1, Southwestern Ruyukyu Islands

Main table for Southwestern Ruyukyu Islands region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include IRIF, IJ, etc.

IDC 23 08:48:59.7:2.7,54.32N:86.02E,h0km,mb1.2/72, mb1mx2.7/47,mbtmp2.7/72,ML2.5/2,Error ellipse: s-maj=19.8km s-min=11.2km az=52.0,Southwestern Siberia

Main table for Southwestern Siberia region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H46RU, ZALV, etc.

NOU 23 08:49:13.1,20.25S:168.38E,h2km,MLV3.7/13,Loyalty Islands,Loyalty Islands

Main table for Loyalty Islands region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC, LFIF, etc.

ellipse: s-maj=0.7km s-min=0.2km az=289.0

ATH 23 08:59:52.5,38.52N:20.59E,h9km,1km,ML2.8/8, Error ellipse: s-maj=2.1km s-min=0.7km az=285.0

ISC 23 08:59:52.0:0.8,38.53N:0.02:20.57E,0.03,h13km,5km, n46,c048/69,Greece

Main table for Greece region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FSK, FSK, FSK, etc.

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

WBNET 23 09:09:50.0,50:32N-12:58E,h8km,MiO,1.5C-3D,

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

KRSZO 23 09:11:39.3±1.5,48°41'N-19°14'E,h1km,1.9km,ML1.6/3, Error ellipse: s-maj=7.7km s-min=7.2km az=179.0,

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

DDA 23 09:16:33.0,34.77°N-25.98°E,h200km,95km,MW3.8, Error ellipse: s-maj=8.6km s-min=2.0km az=344.0,

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

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

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

DDA 23 09:26:34.6,34.72°N-26.18°E,h2km,3km,MW3.5, Error ellipse: s-maj=16.0km az=166.0,

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NISR, NIS1, THR6, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEF4, KEF4, LKD2, etc.

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

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

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

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

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

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

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

23d 11h

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Lists various astronomical observations including TOL2, MJAR, MAW, MAW, JKA, ASAJ, SNCC, PETK, PETK, KSRS, ISA, H03S2, ORV, H03S1, H03S3, H03N3, H03N2, H03N1, GSC, MDPB, QSM, QSM, MPK, MPK, GWY, PNTR, PNTR, SNA4, SNA4, VNA3, NVAR, NVAR, NV11, VNA2, VNA1, TPH, KVN, Y14A, Y14A, SHPR, SHPR, W13A, K05A, K05A, PRN, PRN, LC01, PLCA, BMN, BMN, X16A, X16A, KNB, KNB, U15A, KLR, MTPU, MNTX, TXAR, SRU, F10A, F10A, SEY, PDAR, PDAR, ILAR, CMAR, MKAR, ARCES, FINES, FINES, NORSAT, AKASG, BRTR, BRTR, CLL, CLL, GERES, TORD, TORD, TORD.

2015 NOV

Mw=3.37±0.8; Ms=0.81±1.0; Ma=1.19±3.4; Mw-1.07±0.8; Ms-0.62±3.5; Best double couple; M4.19000x1016; NP1=0.108,00000; s36,00000; A-93.00000; NP2=0.292,00000; s54,00000; A-88.00000; Principal axes: T 3.9760, Plg9.0000; Azm20.0000; N 0.4300; Plg2.0000; Azm11.0000; P -4.4030, Plg81.0000; Azm21.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 23 11:18:53.6±0.3, 53.025±0.07, 21.83E±0.09, h10km, n255, 0.95Z9237, mb4.937, MS4.2/34, 1C-1D, South of Africa

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Lists various astronomical observations including SYO, SYO, SUR, SUR, SNA4, SNA4, SNA4, VNA1, VNA3, MAW, MAW, BOSA, BOSA, LBTA, LBTA, LBTA, LBTA, TSMU, TSMU, QSPA, QSPA, QSPA, QSPA, CASY, CASY, VNDA, VNDA, VNDA, KIBK, KIBK, KMBO, TRQA, GO07, PLCA, PLCA, PLCA, PLCA, LC01, LC01, CPUP, CPUP, CPUP, DBIC, DBIC, H01W2, H01W3, H01W1, BO02, BDBF, AOOD, AOOD, TORD, TORD, TORD, AC02, AC02, KOWA, KOWA, LVC, LVC, LVC, SIV, PB16, PB16, BBOO, BBOO, PALK, PALK, RAYN, SAM, SAM, STKA, STKA, LEM, LEM, SMRI, SMRI, ASAR, ASAR, AS31, FITZ, PTGA, WRA, WRA, WBE2, WBE2, WBE2, PFO.

1436

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Lists various astronomical observations including WRO, WRO, WBO, WBO, BOAV, BOAV, MDT, MDT, KEST, KEST, KEST, MMRI, MMRI, SPR1, SPR1, BRTR, BRTR, GNI, GNI, ESDC, ESDC, GEYT, GEYT, CMAR, CMAR, CMAR, ROSC, ROSC, KBZ, KBZ, KVAR, KVAR, DZM, DZM, DAVOX, DAVOX, TBI, TBI, CLL, CLL, PPT, PPT, CD2, CD2, WMQ, WMQ, WMQ, MKAR, MKAR, MKAR, XAN, XAN, XAN, ZALV, ZALV, NJ2, NJ2, HHC, HHC, SONM, SONM, SONM, P60A, P60A, L61B, L61B, BRAL, BRAL, LBNH, LBNH, SSPA, SSPA, MCWV, MCWV, TZTN, TZTN, LONY, LONY, M54A, M54A, O53A, O53A, P52A, P52A, WWT, WWT, WCI, WCI, SCHO, SCHO, SCHO, W41B, W41B, MIAR, MIAR, W39A, W39A, U40A, U40A, CCM, CCM, GLMI, GLMI, MJAR, MJAR, TXAR, TXAR, USRK, USRK, WMOK, WMOK, JFWS, JFWS, MNTX, MNTX, CBKS, CBKS, ECSD, ECSD, ECSD, TUC, TUC, TUC, SDCO, SDCO, Q24A, Q24A, S22A, S22A, ULM, ULM, ULM, WUAZ, WUAZ, WUAZ, N23A, N23A, PDMCI, PDMCI, RSSD, RSSD, RSSD, BCS3, BCS3, O20A, O20A, O20A, U15A, U15A, W13A, W13A, IRM, IRM, K22A, K22A, K22A, TPFO, TPFO, PFO, PFO.

IDC 23 11:04:57.8±7.3, 6.45S, 130.68E, h259km, 79km, mb3.3/2, mb1 3.2/3, mb1mx2.9±2.2, mbtmp3.8/3, Error ellipse: s-maj=138.0km s-min=22.3km az=71.0, Banda Sea
NEIC 23 11:18:53.6±1.6, 53.025±0.07, 21.83E±0.2, h10km, 1km, mb5.0/35, Error ellipse: s-maj=20.6km s-min=17.1km az=86.0
GCMT 23 11:18:54.0±0.2, 53.065±0.01, 22.5E±0.03, h12km, MW5.0/98, Moment Tensor Solution, s40,c49; s98,c143; Duration: 0 Moment tensor: Scale 10^16Nm; Mir-4.18±1.0;

23d 12h

Table of astronomical observations for 23d 12h, listing stations like GRG, AGG, PVO, etc., with columns for station name, coordinates, and observation details.

2015 NOV

Main table of astronomical observations for 2015 NOV, listing stations like SONM, ILAR, ASAR, etc., with columns for station name, coordinates, and observation details.

1438

Table of astronomical observations for 1438, listing stations like PPSI, BKN, BANI, etc., with columns for station name, coordinates, and observation details.

1439

Table with columns: USRK, Ussuriysk Ar., 53.79 30 P, P, 13 03 27.4 -2.5, etc.

MAN 23 13:28:41.5, 13:49N:120:71E, h92km, mb4.1, ML2.9, MS2.5, Mindoro

TAP 23 13:38:56.4, 23:94N:121:02E, h12km, ML2.9, A, Taiwan

Main table for station 1439 with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC

2015 NOV

Main table for station 2015 NOV with columns: YULB, Yu-li, 0.60 155 P, Pb, 13 39 08.7 -0.2, etc.

23d 13h

Table with columns: TSMG, baz=195, eS, Sg, 13 39 38.0 +0.3, etc.

NIC 23 13:39:26.7, 0.0, 37:60N:31:69E, h15km, 7km, ML4.0, 0.4, DDA 23 13:39:27.8, 37:38N:31:41E, h23km, 1km, MW3.8, ISK 23 13:39:27.9, 37:40N:31:37E, h12km, ML3.7/57, IDC 23 13:39:27.1, 0.8, 37:47N:31:41E, h0km, mb3.8/9, mb1.3/1.4, mb1mx3.7/5.4, mbtmp3.8/14, ML3.6/5, MS2.7/1, Ms1.2/7.1, ms1mx2.1/5.1, Error ellipse: s-maj=16.6km, s-min=14.7km az=120.0, NEIC 23 13:39:28.8, 0.9, 37:41N:0:03:31:35E, 0.04, h10km, 1km, mb4.3/9, ML3.7(CSEM), Error ellipse: s-maj=7.8km s-min=2.9km az=228.0, THE 23 13:39:30.2, 37:55N:31:61E, h18km, 7km, ML3.6/1, Error ellipse: s-maj=8.8km s-min=1.0km az=63.0, ISC 23 13:39:28.8, 0.9, 37:41N:0:02:31:40E, 0.01, h13km, 6km, 177, 1126/216, mb3.9/13, 3C-2D, Turkey

Main table for station 23d 13h with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC

23rd 13h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BERE, AKAS, SULTEK, etc.

2015 NOV

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

1440

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for PDAR, NVAR, PETK, YKA.

FUNZ 23 14:15:15.0, 8.45N, 71.43W, h1km, MW3.4
ISC 23 14:15:13.8, 1.3, 8.54N, 0.03, 71.39W, 0.02, h2km, 1.1km, n22, e1936/44, Venezuela

Main table for 2015 NOV section, listing various stations like SOCV, CAPV, PAMC, MCOV, etc. with their respective parameters.

DJA 23 14:15:46.5, 0.1, 9.52S, 12.2E, h173km, 2km, M4.6/31, mB5.2/13, mb4.5/31, Mw1.7/22, Mw(mB)4.6/13
NEIC 23 14:15:47.0, 1.9, 8.35S, 0.3, 122.02E, 0.09, h172km, 4km, mb4.5/28, Error ellipse: s-maj=14.4km s-min=8.8km az=55.0

ICC 23 14:15:47.7, 1.0, 8.40S, 122.25E, h188km, 9km, mb3.7/8, mb1.3/9/12, mb1mx3.6/35, mbtmp4.3/12, Error ellipse: s-maj=24.5km s-min=9.7km az=61.0
ISC 23 14:15:46.2, 0.5, 8.64S, 0.04, 122.06E, 0.05, h175km, 5km, n129, e1952/140, mb4.6/33, Flores region

Main table for 2015 NOV section, listing various stations like MMRI, EDPI, BASI, BATI, etc. with their respective parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for FAKI, SUI, SWI, SJU.

1um55m, 0.7s
PA000 Pilbara Seismi 13.03 189 Pn Pn 14 18 45.1 +0.2
PA000 Pilbara Seismi 13.03 189 Pn Pn 14 18 45.2 +0.2
PA000 Pilbara Seismi 13.03 189 Pn Pn 14 18 45.6 +0.6

Main table for 2015 NOV section, listing various stations like KPJI, CMJI, SBUM, KSM, etc. with their respective parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AFI, AFI, AFI, NIUE, RAO, WARC, WBZ, WRA, WRA, AS31, AS31, ASAR, ASAR, KNRA, KNRA, NVAR, NVAR.

KRNET 23 14:26:07.9, 0.1, 42.22N, 76.09E, mb1.3, 4C-2D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ULHL, ULHL, BOOM, BOOM, BOOM, KDJ, KDJ.

WEL 23 14:41:20.6, 0.7, 45.5S, 16.7E, h58km, 7km, M4.0/19, mB5.4/1, ML4.3/25, ML4.0/19, Mw(mB)4.8/1, Error ellipse: s-maj=0.0km s-min=0.0km az=119.2, South Island

Main table for 23d 14h section, listing various stations like DCZ, DCZ, MLZ, MLZ, WHZ, WHZ, PYZ, PYZ, MSZ, MSZ, WKZ, WKZ, APZ, APZ, FAZ, FAZ, SYZ, SYZ, TUZ, TUZ, LBZ, LBZ, HPSZ, HPSZ, FOFZ, FOFZ, TMZ, TMZ, GCSZ, GCSZ, ARZ, ARZ, BHZ, BHZ, WAZ, WAZ, MHCZ, MHCZ, RACZ, RACZ, OKZ, OKZ, MAZ, MAZ, AKCZ, AKCZ, LTZ, LTZ, AMCZ, AMCZ, GKZ, GKZ, QVZ, QVZ, DENZ, DENZ, KHZ, KHZ, THZ, THZ, QPZ, QPZ, PKE, PKE, DTVZ, DTVZ, KMRZ, KMRZ, OUZ, OUZ.

INET 23 14:43:50.5, 9.03N, 83.87W, h40km, MW3.6
UCR 23 14:43:52.2, 1.4, 8.91N, 84.03W, h3km, 4km, MW4.4
UPA 23 14:43:53.2, 1.1, 8.96N, 84.05W, h10km, 5km, MW4.4
ISC 23 14:43:51.9, 1.4, 8.95N, 0.04, 84.04W, 0.05, h7km, 10km, n34, e071/56, 1C-10D, Off coast of Costa Rica

Main table for 23d 14h section, listing various stations like EDDO, EDDO, EDRN, EDRN, EDPN, EDPN, LCR2, LCR2, EDBA, EDBA, EDBA, RIMA, RIMA, LAFB, LAFB, DRKO, DRKO, POTG, POTG, RAFA, RAFA, HDA, HDA, HERA, HERA, HDC, HDC, EDSV, EDSV, LAFE, LAFE, SBAR3, SBAR3, BRU2, BRU2, BRU2, BRU2, LESP3, LESP3, LESP3, PTFP3, PTFP3, PTM3, PTM3, LIMOS, LIMOS, LIMO3, LIMO3, BCO2, BCO2, BAGA3, BAGA3, BAGA3, BAGA3, LNBQ3, LNBQ3, LNBQ3, LNBQ3, CN12, CN12, OASO, OASO, ARE1, ARE1, DVD, DVD, DVD, Loco3, Loco3, LOMA3, LOMA3, LOMA3, LOMA3, CHIR3, CHIR3, CHIR3, CHIR3, COVE, COVE, CHGR2, CHGR2, CHGR2, CHGR2, SAJU, SAJU, REMES, REMES, REMES, REMES.

23d 15h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CAL03 Colobre, Vera, CACAO El Cacao, Vera, CACAO Penonome.

NEIC 23 14:49:38.4, 4.6, 22.08S, 0.106, 63.6W, 0.1, h490km, 2km, Error ellipse: s-maj=19.7km s-min=16.3km az=266.0
IDD 23 14:49:38.9, 0.9, 22.15S, 63.83W, h520km, 10km, mb3.8/3, mb1 3.7/8, mb1mx3.3/29, mbtmp4.5/8, Error ellipse: s-maj=21.8km s-min=14.0km az=136.0
VAO 23 14:49:39.0, 0.3, 22.25S, 63.74W, h529km, mb4.0
SJA 23 14:49:40.0, 8.2, 22.23S, 0.09, 63.9W, 0.1, h529km, 7km, mb4.3/14(NEIC), Error ellipse: s-maj=17.3km s-min=13.2km az=85.0

Main table of station data for the 23d 15h period. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Lists numerous stations across various regions.

2015 NOV

Main table of station data for the 2015 NOV period. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Lists numerous stations across various regions.

1442

Main table of station data for the 1442 period. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Lists numerous stations across various regions.

az=175.0
AEIC 23 15:15:58.1,3,52.0N,0.1,179.99E,0.05,h180km,6km,
Error ellipse: s-maj=18.2km s-min=2.5km az=190.0

ISC 23 15:15:58.5,0.8,52.1N,0.2,179.93E,0.09,h200km,n20,
a197/20,mb3.1/7,Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AMKA, LSSE, LSNW, etc.

ATH 23 15:22:32.8,38.52N,20.54E,h14km,1km,ML2.1/4,Error
ellipse: s-maj=2.6km s-min=0.7km az=289.0, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FSK, EVGI, DRAG, etc.

ATH 23 15:23:18.4,38.53N,20.55E,h11km,1km,ML2.8/3,Error
ellipse: s-maj=2.6km s-min=0.6km az=106.0

THE 23 15:23:18.3,38.53N,20.55E,h12km,1km,ML2.8/8,Error
ellipse: s-maj=1.6km s-min=0.4km az=94.0

ISC 23 15:23:18.1,2,38.53N,0.02,20.55E,0.04,h13km,6km,
n28,a0545/51,Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FSK, EVGI, DRAG, etc.

RLS Riolos of Patr 0.86 123 P Pg 15 23 34.4 -0.4

ATH 23 15:23:32.7,38.53N,20.56E,h11km,1km,ML3.4/22,Error
ellipse: s-maj=1.4km s-min=0.6km az=279.0

THE 23 15:23:32.3,38.54N,20.49E,h12km,ML3.6/19,Error
ellipse: s-maj=1.2km s-min=0.6km az=280.0

ICD 23 15:23:37.9,3.2,39.20N,21.73E,h0km,mb3.7/6,
mb1 3.7/7,mb1mx3.5/4.0,mbtmp3.7/7,ML2.9/1,MS2.7/1,
Ms1 2.7/1,ms1mx2.1/49,Error ellipse: s-maj=72.0km
s-min=26.0km az=57.0

ISC 23 15:23:31.8,0.8,38.53N,0.02,20.47E,0.02,h12km,5km,
n100,a1924/139,mb3.7/6,C-5D,Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FSK, KEK, DRAG, etc.

LAKA comp=E,684um,0.6s AML AML 15 24 23.8

SERG Sergoula 1.25 95 P Pn 15 23 54.1 -1.0
Serg comp=E,782nm,0.4s S Sg 15 24 12.4 +0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SERG, KEK, DRAG, etc.

23d 15h

Table with columns: STKA, Stephens Creek, 35.73 247, P, P, 15 32 28.2 -0.9, etc.

IDC 23 15:29:01.2, 0.6, 52.99S x 21.88E, h0km, mb4.4/14, mb1 4.5/14, mb1mx4.2/34, mbtmp3.4/14, MS3=3/16, Ms1 3.8/16, ms1mx3.7/22, Error ellipse: s-maj=23.0km s-min=14.7km az=87.0

NEIC 23 15:29:03.2, 1.3, 53.0S; 0.1, 21.8E; 0.2, h10km, 1km, mb4.9/28, Error ellipse: s-maj=18.5km s-min=17.4km az=231.0

ISC 23 15:29:02.9, 0.4, 53.00S; 0.08, 21.8E; 0.1, h10km, n72, c068/57, mb4.8/21, MS3.9/15, 1C, South of Africa

Main table for 23d 15h with columns: Code, Station Name, Az, A3, Phase ID, Time, Res, etc.

2015 NOV

Table with columns: KBZ, Khabaz, 98.05 15, LR, LR, 15 29 08.7, etc.

NEIC 23 15:35:04.2, 2.8, 10.7S; 0.1, 165.2E; 0.1, h10km, 1km, mb4.4/10, Error ellipse: s-maj=23.4km s-min=5.1km az=44.0

IDC 23 15:35:10.5, 3.6, 10.92S; 165.04E, h6km, 29km, mb3.4/5, mb1 3.8/7, mb1mx3.5/30, mbtmp3.9/7, ML4.4/2, MS3.3/8, Ms1 3.3/8, ms1mx3.0/20, Error ellipse: s-maj=30.9km s-min=18.9km az=54.0

ISC 23 15:35:06.9, 1.1, 10.8S; 0.1, 165.2E; 0.1, h31km, n44, c155/32, mb4.2/9, MS3.3/6, Santa Cruz Islands

Main table for 2015 NOV with columns: Code, Station Name, Az, A3, Phase ID, Time, Res, etc.

1444

Main table for 1444 with columns: DHRM, DHARAMSHALA, 5.76 134, eP, Pn, 15 41 07.2 +0.4, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, FIA1 FINESS Array S, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like JAYA Jayaque - finc, JAYA JAYA, JAYA JAYA, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like HWUT Hardware Ranch, HWUT HWUT, HWUT HWUT, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like GCG 23 17:15:28.0+0.4, SNET 23 17:15:32.3-1.0, UCR 23 17:15:32.5+1.0, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like E28A Hut-71, YHL Hebggen Lake, YHL YHL, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like TNTI Ternate, TNTI TNTI, LBMI Labuha, etc.

23d 19h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JMKN, JKO, JAOM, BSO1, JTHY, etc.

ICD 23 18:30:14.7, 7.3, 33.12Sx71.58W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.5/14, mbtmp3.4/2, Error ellipse: s-maj=4.3km s-min=1.0km az=26.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CO06, G004, CO05, LCO, VA06, etc.

H11S2 WAKE ISLAND Hy26.22 271 T T 21 08 15.8
H11S1 WAKE ISLAND Hy26.23 271 T T 21 08 15.5
H11S3 WAKE ISLAND Hy26.23 271 T T 21 08 13.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OK032, CROK, U32A, U32B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like T35B, FNO, R32A, WMOK, W35A, etc.

NOU 23 18:45:26.0, 18:13S-167.89E, h24km, MLv4.0/13, Vanuatu Islands, Vanuatu Islands

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

JMA 23 19:10:46.6, 40:20'N-142:34'E, h37km, M3.7, M3.7, JMA Felt I J1, IDC 23 19:10:47.2, 8.2, 40:13'N-142:63'E, h57km, mb3.1/5, mb1 3.3/7, mb1mx3.0/5, mbtmp3.4/7, ML3.1/2, MS2.4/1, MS1 2.4/1, ms1mx1.9/19, Error ellipse: s-maj=43.0km s-min=17.3km az=91.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JKH, JTH, JKEN, JNANG, etc.

IDC 23 19:13:02.5, 1.9, 26:10'N-142:18'E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.3/49, mbtmp3.6/4, Error ellipse: s-maj=72.6km s-min=19.3km az=94.0, Bonin Islands region

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

JMA 23 19:40:59.1, 0.2, 38:05'N-144:40'E, h52km, M3.8, Off east coast of Honshu

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

IDC 23 19:41:38.4, 2.0, 6:44S-129:11'E, h0km, mb3.7/2, mb1 3.7/4, mb1mx3.4/32, mbtmp3.6/4, ML3.8/2, Error ellipse: s-maj=155.0km s-min=29.4km az=68.0, Banda Sea

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

SOME 23 19:55:58.3, 50:22'N-88:57'E, h0km, NNC 23 19:56:05.7, 2.8, 50:18'N-87:56'E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=27.0km s-min=9.6km az=102.0

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

Table with columns: Code, Station Name, s-maj, A-Z, Op, Phase, ID, h, s, Res, ISC. Includes stations like TRPA Tarpa, YHHS Yuhne, TIRR Tigusor, etc.

SEA 23 20:37:54.0-0.7, 46:666N-0:008-121.89W:0.01, h14km, 3km, ML2.0/3, ML1.8/10(NEIC), Error ellipse: s-maj=1.5km s-min=0.8km az=52.0

NEIC 23 20:37:53.2-0.7, 46:688N-0:011-121.88W:0.02, h18km, 1km, Error ellipse: s-maj=2.4km s-min=1.5km az=108.0

Table with columns: Code, Station Name, s-maj, A-Z, Op, Phase, ID, h, s, Res, ISC. Includes stations like LON Longmire, REMR Mount Rainier, etc.

MOS 23 20:41:19.4-1.0, 17:04N-98:75W, h31km, mb5.7/14, MS5.3/38, Error ellipse: s-maj=7.1km s-min=3.7km az=101.4

IDC 23 20:41:20.4-3.1, 16:97N-98:80W, h33km, 2.2km, mb4.6/31, mb1.4/7.35, mb1mx4.6/48, mb1mp4.8/35, ML4.5/4, MS5.2/25, Ms1.5/2.25, ms1mx5.1/33, Error ellipse: s-maj=17.1km s-min=8.5km az=52.0

NEIC 23 20:41:21.8, 17:05N-98:80W, h32km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm, Mrr1.82, Mss1.92, Mtt1.01, Mss-0.19, Mtt-0.54; Fault plane solution: Ms2.190000x10^17, NP1.7x84.00000, 333.05000, 1.63.94000, NP2.2x282.42000, 860.66000, 1.105.95000, Principal axes: T 2.2110, Plg70.0000, Azm227.0000, N -0.0349, Plg14.0000, Azm1.0000, P -2.1761, Plg14.0000, Azm1.0000

NEIC 23 20:41:21.5-2.8, 16:98N-0:0298-91W:0.03, h43km, 1km, mb5.5/671, Ms 2.0/3.244, Mw5.5/43, Mw5.5/6, Md5.6/146(MEX), Mw5.5(GCMT) Error ellipse: s-maj=4.5km s-min=4.0km az=26.0

MEX 23 20:41:22.0-2.1, 16:89N-98:90W, h26km, 36km, MD5.6 GCMT 23 20:41:22.5-0.1, 17:15N-0:0198-79W:0.01, 1.74km, MW5.6/140, Moment Tensor Solution, s140.2/242, s137.c268; Duration: 16s Moment tensor: Scale 10^17 Nm; Mrr-2.63; 0.4; Mss-2.90; 0.3; Mtt-0.27; 0.3; Mrr-1.36; 0.4; Mss-0.01; 0.2; Mrr-1.13; 0.4; Best double couple: Ms3.28900x10^17, NP1.7x71.00000, 335.00000, 1.57.00000, NP2.2x290.00000, 861.00000, 1.11.00000, Principal axes: T 3.3410, Plg67.0000, Azm239.0000, N -0.1030, Plg18.0000, Azm99.0000, P -3.2370, Plg14.0000, Azm5.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUJ 23 20:41:23.0-0.0, 17:10N-98:70W, h40km, mb5.6/22, Ms5.6/32, Ms7.5/32 NEIC 23 20:41:25.17, 12N-98:82W, h40km, Moment Tensor Solution, Duration: 580 Moment tensor: Scale 10^17Nm; Mrr-2.58; Mss-2.56; Mtt-0.02; Mrr-0.89; Mss-0.35; Mtt-0.92; Fault plane solution: Ms2.89000x10^17, NP1.7x84.00000, 336.00000, 1.66.00000, NP2.2x293.00000, 857.00000, 1.107.00000, Principal axes: T 2.9713, Plg72.0000, Azm244.0000, N -0.1732, Plg14.0000, Azm104.0000, P -2.7981, Plg11.0000, Azm1.0000 NEIC 23 20:41:25.17, 10N-98:74W, h33km, Moment Tensor Solution, Duration: 382 Moment tensor: Scale 10^17Nm; Mrr-2.46; Mss-3.01; Mtt-0.55; Mrr-1.29; Mss-0.11; Mtt-1.13; Fault plane solution: Ms3.26000x10^17, NP1.7x66.00000, 337.00000, 1.52.00000, NP2.2x290.00000, 861.00000, 1.115.00000, Principal axes: T 3.2245, Plg64.0000, Azm244.0000, N 0.0787, Plg22.0000, Azm98.0000, P -3.3032, Plg13.0000, Azm2.0000 ISC 23 20:41:20.7-0.4, 16:92N-0:0298-92W:0.02, h34km, 1km, h35km, pP-7.0, m1616, s1868/1782, mb5.5/364, MS5.3/180, 38C-68D, Near coast of Guerrero

Table with columns: Code, Station Name, s-maj, A-Z, Op, Phase, ID, h, s, Res, ISC. Includes stations like MGIG Malinaltepec, DAIG Los Arroyos, etc.

Table with columns: Code, Station Name, s-maj, A-Z, Op, Phase, ID, h, s, Res, ISC. Includes stations like R15V 5.31 296, R15V 5.31 296f, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PFO, Pinyon Flats O, SLM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SHPR, Sheep Range Goldstone, GSC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ISA, Isabella, Lake, SFIN, etc.

23d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ROSC EI Rosal, ROSC EI Rosal, ROSC EI Rosal, etc.

2015 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BMN Battle Mountain, SNOW Snow King Moun, TPAW Teton Pass, etc.

1454

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COWI comp=Z,6.0m,22.0s, E38A The Farm, Brul, LAO LASA Array, etc.

1455

Table with columns: Station ID, Name, Location, Frequency, Power, Mode, and Signal Quality. Includes stations like K04D Chiloquin, OR, JCC Jacoby Creek, PAL Palisades, etc.

2015 NOV

Table with columns: Station ID, Name, Location, Frequency, Power, Mode, and Signal Quality. Includes stations like MNTQ Tabatinga, LBNH Lisbon, TBTO Tabatinga, AM, etc.

23d 20h

Table with columns: Station ID, Name, Location, Frequency, Power, Mode, and Signal Quality. Includes stations like LVC Limon Verde, LVC Limon Verde, TGNT Hycant Airport, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like A21K Barrow, G007 Millad Hill, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PVAQ Vaqueiros, ARNO Arenosillo, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL Colim, RETA Reutte, and many others.

23d 21h

Table with columns for call sign, name, frequency, power, mode, and location. Includes entries like U38A Gravette, X37A Clayton, W39A Magazine, etc.

2015 NOV

Table with columns for call sign, name, frequency, power, mode, and location. Includes entries like CCM Cathedral Cave, Z41A Richi Creek, L34A Lake Charles, etc.

1460

Table with columns for call sign, name, frequency, power, mode, and location. Includes entries like JFWS Jewell Farm, JFWS Jewell Farm, TX31 Lajitas Ar. Si, etc.

Table with columns: Call sign, Frequency, Mode, Power, Name, and other details. Includes entries like R11A Troy Canyon, C, 13.82 282 P, Pn, 21 21 03.0 +0.5.

Table with columns: Call sign, Frequency, Mode, Power, Name, and other details. Includes entries like M02C Callahan, 19.59 291 P, P, 21 22 15.5 +0.6.

Table with columns: Call sign, Frequency, Mode, Power, Name, and other details. Includes entries like CCB comp=Z,17nm,1.0s, Iamb, Iamb, 21 25 27.2.

23d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASSE, GTTG, CLZ, IPMB, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSZ, CRVS, MORH, etc.

1462

Table with columns for station name, frequency, power, and other technical details. Includes stations like CACV, CAICARA DEL OR, MERV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like MDOK Medeo, K Medeo, KDJ Kajisay, KOTS Kotyrbulak, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like UCH Uchtor, KK07 Karatay Array, EKS2 Erkin-Say, AAK Ala-Archa, etc.

IDC 23 21:52:36.5:2.8,2.4:14Sx179:96W, h493km, 25km, mb3.4/5, mb1 3.6/6, mb1mx3.2/3.1, mbtmp4.3/6, Error ellipse: s-maj=52.7km s-min=27.5km az=27.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like RAO Raoul Island, MARNC Mare, Loyalty, DZM Mont Dzumay, etc.

IDC 23 22:01:31.2:1.5, 21.28N, 122.90E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.4/4.5, mbtmp3.6/4, Error ellipse: s-maj=50.2km s-min=27.1km az=70.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like LAY Lan-yu, LDUT Ludao, EDH Donghe, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like EDH baz=308, CHKT Chengkung, TWKBT Hengchung, etc.

IDC 23 21:52:14.0:6.9, 36.32N, 70.45E, h168km, 55km, mb3.2/6, mb1 3.3/1.1, mb1mx3.0/5.2, mbtmp3.8/1.1, Error ellipse: s-maj=52.7km s-min=23.5km az=27.0

IDC 23 22:01:33.4:1.2, 21.68N, 122.97E, h57km, 1km, ML4.5, D TAP 23 22:01:35.8, 21.75N, 122.97E, h57km, 1km, ML4.5, D IDC 23 22:01:33.4:1.2, 21.68N, 122.97E, h57km, 1km, ML4.5, D

NACB	baz=341	S	Sn	22 02 46.5 -3.9	
SNST	baz=341 Tainan City	2.92 302	i P	Sn	22 02 20.4 +3.0
SNST	baz=291	i S	Sn	22 02 53.9 +2.7	
OWD	baz=323	2.92 321	i P	Pn	22 02 18.5 +1.0
OWD	baz=323	e S	Sn	22 02 49.4 -2.1	
SSLB	baz=323	2.94 316	P	Pn	22 02 18.8 +1.1
SSLB	baz=325	S	Sn	22 02 48.2 -3.5	
TWK	baz=325	2.95 303	i P	Pn	22 02 19.8 +2.0
TWK	baz=292	e S	Sn	22 02 52.5 +0.4	
CHN3	baz=299	2.96 299	i P	Pn	22 02 22.1 +4.2
CHN3	baz=299	e S	Sn	22 02 53.6 +1.5	
ETLH	baz=339	2.96 328	P	Sn	22 02 18.2 +0.2
ETLH	baz=339	S	Sn	22 02 50.7 -1.8	
CHN5	baz=318	3.00 310	i P	Pn	22 02 20.9 +2.4
CHN5	baz=318	S	Sn	22 02 53.6 +0.3	
CHGB	baz=324	3.01 322	i P	Pn	22 02 19.8 +1.0
CHGB	baz=324	e S	Sn	22 02 51.4 -2.4	
WHF	baz=324	3.02 325	i P	Pn	22 02 19.7 +0.5
WHF	baz=327	i S	Sn	22 02 52.4 -2.1	
ENA	baz=337	3.04 334	i P	Pn	22 02 19.3 +0.3
ENA	baz=337	e S	Sn	22 02 52.3 -1.9	
SMLT	baz=324	3.04 317	i P	Pn	22 02 20.5 +1.3
SMLT	baz=324	e S	Sn	22 02 52.2 -2.2	
EWUT	baz=338	3.04 335	i P	Pn	22 02 20.1 +1.0
EWUT	baz=338	i S	Sn	22 02 53.0 -1.3	
SSHA	baz=299	3.05 299	e S	Sn	22 02 54.7 +0.4
JISG	baz=299	3.08 20	P	Pn	22 02 19.5 0.0
JISG	baz=299	e S	Sn	22 02 52.9 -2.2	
TYC	baz=324	3.08 316	i P	Pn	22 02 22.1 +2.5
TYC	baz=324	e S	Sn	22 02 54.9 -0.4	
CHN2	baz=295	3.11 307	i P	Pn	22 02 23.1 +3.2
CHN2	baz=295	S	Sn	22 02 57.4 +1.5	
WJS	baz=322	3.11 314	i P	Pn	22 02 22.5 +2.5
WJS	baz=322	i S	Sn	22 02 58.0 +2.0	
FUSS	baz=336	3.12 325	i P	Pn	22 02 21.3 +0.9
FUSS	baz=336	e S	Sn	22 02 55.8 -0.7	
CHY	baz=293	3.13 306	i P	Pn	22 02 22.8 +2.6
CHY	baz=293	S	Sn	22 02 57.4 +1.0	
WDLH	baz=296	3.16 310	i P	Pn	22 02 23.5 +2.9
WDLH	baz=296	i S	Sn	22 03 00.4 +3.3	
TWT	baz=326	3.16 325	i P	Pn	22 02 22.1 +1.3
TWT	baz=326	S	Sn	22 02 56.4 -1.0	
WCS	baz=327	3.16 319	i P	Pn	22 02 22.6 +1.9
WCS	baz=327	e S	Sn	22 02 56.2 -1.0	
ICHU	baz=291	3.16 302	i P	Pn	22 02 23.7 +3.0
ICHU	baz=291	S	Sn	22 02 57.9 +0.7	
TWC	baz=340	3.16 337	i P	Pn	22 02 21.9 +1.2
TWC	baz=340	S	Sn	22 02 53.9 -3.4	
TDCB	baz=326	3.17 324	P	Sn	22 02 22.6 +1.7
TDCB	baz=326	S	Sn	22 02 54.9 -2.7	
WNT	baz=315	3.18 314	i P	Pn	22 02 24.1 +3.2
WNT	baz=315	S	Sn	22 02 60.0 +2.3	
CHN8	baz=302	3.21 302	i P	Pn	22 02 22.7 +1.3
CHN8	baz=302	S	Sn	22 02 58.9 +0.6	
NNS	baz=339	3.21 329	i P	Pn	22 02 22.6 +1.1
NNS	baz=339	i S	Sn	22 02 57.8 -0.9	
NDS	baz=338	3.24 336	i P	Pn	22 02 23.0 +1.2
NDS	baz=338	i S	Sn	22 02 58.6 -0.4	
JTJ	baz=295	3.26 25	P	Pn	22 02 22.4 +0.3
JTJ	baz=295	S	Sn	22 02 58.9 -0.8	
WTK	baz=295	3.26 308	i P	Pn	22 02 24.4 +2.3
WTK	baz=295	i S	Sn	22 03 01.9 +2.2	
NDT	baz=341	3.29 332	P	Pn	22 02 24.3 +1.8
NDT	baz=341	S	Sn	22 02 56.8 -3.6	
ENTT	baz=336	3.30 334	i P	Pn	22 02 23.4 +0.8
ENTT	baz=336	S	Sn	22 02 59.0 -1.7	
WHP	baz=330	3.31 322	i P	Pn	22 02 26.2 +3.4
WHP	baz=330	e S	Sn	22 02 59.7 -1.2	
TWE	baz=338	3.33 336	i P	Pn	22 02 23.7 +0.7
TWE	baz=338	S	Sn	22 02 58.5 -2.9	
ILA	baz=339	3.34 337	P	Pn	22 02 25.2 +2.0
ILA	baz=339	S	Sn	22 03 00.6 -1.0	
WSF	baz=294	3.36 306	i S	Sn	22 03 03.6 +1.6
TCU	baz=327	3.37 317	P	Pn	22 02 26.6 +3.0
TCU	baz=327	i S	Sn	22 03 05.8 +3.4	
NCH	baz=327	3.40 339	e S	Sn	22 03 01.3 -1.7
NCH	baz=327	i P	Pn	22 02 28.5 +4.5	
WCHH	baz=316	3.40 315	e S	Sn	22 02 05.2 +2.1
WCHH	baz=316	i S	Sn	22 03 05.5 +1.6	
WRL	baz=298	3.41 311	i P	Pn	22 02 26.2 +2.2
WRL	baz=298	i S	Sn	22 03 04.5 +1.3	
YHNB	baz=333	3.41 331	i P	Pn	22 02 25.5 +1.3
YHNB	baz=333	e S	Sn	22 03 01.7 -1.8	
NSK	baz=333	3.42 331	i P	Pn	22 02 26.0 +1.6
NSK	baz=333	S	Sn	22 03 00.7 -3.1	
NWLTL	baz=336	3.45 334	i P	Pn	22 02 25.8 +1.1
NWLTL	baz=336	S	Sn	22 03 02.9 -1.5	

TWQ1	baz=336	3.46 321	i P	Pn	22 02 28.2 +3.4
TWQ1	baz=336	S	Sn	22 03 06.3 +1.7	
TWB1	baz=330	3.49 342	e S	Sn	22 03 06.2 +0.9
TIPB	baz=354	3.51 339	i P	Pn	22 02 27.0 +1.5
TIPB	baz=351	i S	Sn	22 03 04.7 -1.1	
NSY	baz=351	3.52 321	P	Pn	22 02 28.8 +3.1
NSY	baz=333	i S	Sn	22 03 09.2 +3.1	
WDJ	baz=333	3.54 319	i S	Sn	22 03 09.8 +3.2
NSTT	baz=334	3.56 326	i P	Pn	22 02 29.8 +3.6
NSTT	baz=335	e S	Sn	22 03 05.4 -1.6	
LIOB	baz=335	3.56 326	i P	Pn	22 02 29.5 +3.3
LIOB	baz=335	e S	Sn	22 03 06.5 -0.7	
NMLH	baz=335	3.60 323	i S	Sn	22 03 10.0 +2.1
TWA	baz=348	3.60 336	i P	Pn	22 02 29.8 +3.0
TWA	baz=348	S	Sn	22 03 07.5 -0.6	
NWF	baz=342	3.61 339	i P	Pn	22 02 28.9 +2.0
NWF	baz=342	i S	Sn	22 03 07.7 -0.8	
JIRB	baz=342	3.63 30	P	Pn	22 02 27.7 +0.6
JIRB	baz=342	S	Sn	22 03 07.0 -1.7	
JMJ2	baz=342	3.63 33	P	Pn	22 02 28.4 +1.3
JMJ2	baz=342	e S	Sn	22 03 09.0 +0.2	
SBCB	baz=342	3.70 327	e S	Sn	22 03 12.4 +2.0
JIKM	baz=329	3.75 30	P	Pn	22 02 29.6 +0.9
JIKM	baz=329	e S	Sn	22 03 10.9 -0.7	
VCHM	baz=294	3.79 294	P	Pn	22 02 30.3 +1.0
VCHM	baz=294	e S	Sn	22 03 10.5 -2.2	
PHUB	baz=299	3.80 299	P	Pn	22 02 31.1 +1.6
PHUB	baz=299	e S	Sn	22 03 09.2 -3.8	
JKE	baz=299	5.68 35	P	Pn	22 02 55.8 +0.5
JKE	baz=299	S	Sn	22 03 57.7 -1.6	
JAGN	baz=299	6.13 36	P	Pn	22 03 01.9 +0.3
JAGN	baz=299	e S	Sn	22 04 10.1 -0.4	
JINTH	baz=299	6.54 42	P	Pn	22 03 07.9 +0.2
JINTH	baz=299	e S	Sn	22 03 11.7 -0.2	
JOW	baz=299	6.92 41	P	Pn	22 03 12.5 +0.1
JOW	baz=299	e S	Sn	22 06 07.5 +5.5	
SONM	baz=299	29.38 337	P	Pn	22 07 40.1 +6.8
SONM	baz=299	e S	Sn	22 03 07.9 +0.2	
H1S3	baz=283	40.89 86	T	T	22 53 16.4
H1S3	baz=283	T	T	22 53 16.5	
H1S1	baz=283	40.90 86	T	T	22 53 18.8
H1S1	baz=283	T	T	22 09 19.4 +3.0	
MKAR	baz=283	41.41 317	P	Pn	22 09 19.4 +3.0
MKAR	baz=283	P	Pn	22 09 28.2 +0.4	
WRA	baz=283	42.78 164	P	Pn	22 09 28.2 +0.4
WRA	baz=283	P	Pn	22 09 28.2 +0.4	

IDC 23-22:01:44.5-6.7,32.67Sx178.02W,h0km,mb3.8/2,
mb1 4.1/2,mb1mx3.7/24,mbtmp3.8/2, Error ellipse:
s-maj=307.8km s-min=54.9km az=160.0,South of
Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
ASAR	Alice Springs	43.02 269	P	P	22 09 46.0	+0.1
ASAR	Alice Springs	43.02 269	P	P	22 09 46.0	+0.1
WRA	Warramunga Arr	44.21 274	P	P	22 09 55.2	-0.3
WRA	Warramunga Arr	44.21 274	P	P	22 09 55.2	-0.3
FINES	FINES Array B	147.26 339	PKPbc	PKPbc	22 21 28.2	-0.8

IDC 23-22:32:17.8-4.0,6.20S,-149.97E,h0km,mb3.1/2,
mb1 3.5/2,mb1mx3.2/21,mbtmp3.2/2, Error ellipse:
s-maj=157.1km s-min=50.3km az=117.0,New Britain
region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
WRA	Warramunga Arr	20.43 227	P	P	22 36 56.5	-0.5
WRA	Warramunga Arr	20.43 227	P	P	22 36 56.5	-0.5
ASAR	Alice Springs	23.25 220	P	P	22 37 27.3	+0.3
ASAR	Alice Springs	23.25 220	P	P	22 37 27.3	+0.3
TORD	Torodi Ar. Bea	148.00 285	PKPbc	PKPbc	22 52 05.8	-0.6
TORD	Torodi Ar. Bea	148.00 285	PKPbc	PKPbc	22 52 05.8	-0.6

IDC 23-22:59:05.8-9.2,31.58S,-179.45E,h0km,mb3.4/2,
mb1 3.7/2,mb1mx3.6/20,mbtmp3.4/2, Error ellipse:
s-maj=392.6km s-min=64.5km az=159.0,Kermadec
Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
ASAR	Alice Springs	40.89 269	P	P	23 06 49.1	-0.8
ASAR	Alice Springs	40.89 269	P	P	23 06 49.1	-0.8
WRA	Warramunga Arr	41.99 275	P	P	23 06 59.5	+0.5
WRA	Warramunga Arr	41.99 275	P	P	23 06 59.5	+0.5
FINES	FINES Array B	145.46 338	PKPbc	PKPbc	23 18 44.2	-0.9
FINES	FINES Array B	145.46 338	PKPbc	PKPbc	23 18 44.2	-0.9

TAP 23-23:16:20.1,25.44N,122.45E,h233km,1km,ML3.6,C
JMA 23-23:16:22.4,0.3,25.24N,122.47E,h209km,5km,MS.1
ISC 23-23:16:22.0,2.5,25.3N,0.1x122.50E,0.04,h215km,14km,
n45,c052/82,Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
PCYT	Pengchayui	0.50 310	e P	Pn	23 16 50.7	-0.1
PCYT	Pengchayui	0.50 310	e P	Pn	23 16 50.7	-0.1
PCYT	Pengchayui	0.50 310	e P	Pn	23 17 12.5	-0.8
TWB1	Santiao Chiao	0.55 237	e P	Pn	23 16 51.1	+0.1
TWB1	Santiao Chiao	0.55 237	e P	Pn	23 16 51.1	+0.1
NWF	Wu-fen Shan	0.69 250	i P	Pn	23 16 51.9	+0.3
NWF	Wu-fen Shan	0.69 250	i P	Pn	23 17 14.6	-0.1
NWF	Wu-fen Shan	0.69 250	i P	Pn	23 16 51.9	+0.4
WFSB	Wu-fen Shan	0.69 250	i P	Pn	23 17 14.6	-0.1
TIPB	Shuangxi	0.69 241	i P	Pn	23 16 51.7	0.0
TIPB	Shuangxi	0.69 241	i P	Pn	23 17 14.8	+0.2
NHY	Taipei	0.88 252	e S	Sn	23 17 15.9	-0.3
TWC	Suao	0.91 220	i P	Pn	23 16 53.5	+0.7
TWC	Suao	0.91 220	i P	Pn	23 17 17.2	+0.6
TWE	Neicheng	0.95 232	i P	Pn	23 16 52.5	-0.4
TWE	Neicheng	0.95 232	i P	Pn	23 17 16.9	-0.1
YOJ	Yonaguni jima	0.97 151	e P	Pn	23 16 52.8	-0.3
YOJ	Yonaguni jima	0.97 151	e P	Pn	23 17 18.5	+1.3
NDS	Dongshan	0.98 227	P	Pn	23 17 53.8	+0.7
NDS	Dongshan	0.98 227	P	Pn	23 17 18.2	+0.9
NWLTL	Wulai	1.05 240	P	Pn	23 16 53.6	0.0
NWLTL	Wulai	1.05 240	P	Pn	23 17 18.2	+0.1
NWLTL	Nioudou	1.08 232	i P	Pn	23 16 53.8	0.0

ENTT	baz=224	e S	S	23 17 18.9 +0.4	
EWUT	baz=224	1.08 217	P	Pn	23 16 54.0 +0.2
EWUT	baz=211	S	Sn	23 17 18.4 -0.1	
NDT	baz=211	1.14 232	P	Pn	23 16 54.4 +0.2
NDT	baz=225	S	Sn	23 17 19.8 +0.7	
YHNB	baz=225	1.20 238	P	Pn	23 16 54.2 -0.6
YHNB	baz=231	S	Sn	23 17 19.5 -0.6	
NSK	baz=231	1.21 239	i P	Pn	23 16 54.6 -0.2
NSK	baz=232	S	Sn		

24d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KTHA Kythira Island, KTHA Kythira Island, KTHA Kythira Island, etc.

ISC 23 23:45:03.1+2.2, 5:95S; 129:93E, h0km, mb3.9/1, mb1 4.3/3, mb1mx3.7/29, mbtmp4.0/3, ML4.3/2, Error ellipse: s-maj=153.3km s-min=29.7km az=70.0

NEIC 23 23:45:10.1+2.3, 5:64S; 131:55E; 0.10, h8km; 13km, mb4.1/5, Error ellipse: s-maj=13.8km s-min=6.3km az=89.0

ISC 23 23:45:09.0+8.5, 6:59S; 0:06x131.7E; 0.1, h100km, n16, az=28/20, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, FAKI Fak Fak, MTN Manton Dam, etc.

ISC 23 23:46:34.8+0.8, 24:93S; 175:77W, h0km, mb4.5/13, mb1 4.7/14, mb1mx4.6/24, mbtmp4.5/14, MLE.6/1, MS3.9/13, Ms1 3.9/13, ms1mx3.6/37, Error ellipse: s-maj=30.8km s-min=19.6km az=161.0

NEIC 23 23:46:36.1+2.3, 24:48S; 0:07x175.32W; 0.09, h10km, 1km, mb4.5/29, Error ellipse: s-maj=13.6km s-min=11.3km az=108.0

NOU 23 23:46:38.3, 24:24S; 175:06W, h0km, mb4.9/6, South of Tonga Islands

ISC 23 23:46:37.2+0.4, 24:48S; 0:06x175.30W; 0:06, h19km, n107, az=04/101, mb4.5/25, MS3.9/8, 10C-BD, South of Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, NIUE Niue, NIUE Niue, etc.

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Table with columns: DZM, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

NEIC 23 23:59:14.4+1.8, 24:86S; 0:08x175:17W; 0.1, h10km, 1km,

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like mb4.6/14, Error ellipse: s-maj=18.1km s-min=11.9km, etc.

SOME 24 00:03:55.4, 40:82N; 83:60E, h0km NINC 24 00:04:00.5+4.0, 40:92N; 83:51E, h0km, mb3.6, mpv3.2

ASAR Alice Springs 43.91 266 P P 00 46 45.5 -0.5
WRA Warramunga Arr 44.89 272 P P 00 46 52.3 -1.5
FINES FINES Array B 145.31 341 PKPbc PKPdf 00 58 16.5 +0.2

MAN 24 00:48:59.9, 16.96N:122.87E, h17km, mb4.2, ML3.0, MS2.6, Luzon

TUL 24 00:54:18.2, 1.3, 36.82N:0.02:98.29W:0.0'0.4, h6km, 6km,
mL3.3, mb, Lg2.5, Mb(NEIC), Mw3.3, 3.10(SL/M), Error
ellipse: s-maj=4.1km s-min=2.0km az=84.0

Code Station Name A° AZ° Phase ID Time Res
OK032 Salt Plains WL 0.06 75 Op ISC h m s ISC
OK032 Salt Plains WL 0.06 75 Pg Pg 00 54 20.2 -0.4

BLOK Blackwater 0.85 92 Pg Pg 00 54 34.4 -0.9
OK029 Bluff Lake 1.19 146 Pn Pn 00 54 40.6 -1.1
BCOK Bluff Creek, N 1.25 154 Pn Pn 00 54 41.7 -1.1
OK033 Mehan 1.31 124 Pn Pn 00 54 42.8 -0.8

MAN 24 00:55:53.4, 17.06N:122.84E, h1km, mb4.7, ML3.6, MS3.5, Luzon
NOU 24 00:56:04.5, 17.58S:168.15E, h16km, MLv3.7/4, Vanuatu Islands, Vanuatu Islands

U40A comp=Z,106nm,0.9s 4.39 94 P Pn 00 55 25.9 0.0
U40A comp=Z,278,SNR=22 00 55 25.9 0.0
MIAR Mount Ida 4.43 119 I Amb_Lg 00 56 38.3

MAN 24 00:55:53.4, 17.06N:122.84E, h1km, mb4.7, ML3.6, MS3.5, Luzon

NOU 24 00:56:04.5, 17.58S:168.15E, h16km, MLv3.7/4, Vanuatu Islands, Vanuatu Islands
Code Station Name A° AZ° Phase ID Time Res
OK032 Salt Plains WL 0.05 116 Op ISC h m s ISC

OK025 comp=Z,240nm,0.8s I Amb_Lg 01 14 43.9
OK030 Cody Creek Rv 1.49 126 Pn Pn 01 14 22.1 -0.1
OKCFA Oklahoma City 1.55 155 Pn Pn 01 14 23.3 +0.1

SOME 24 01:15:11.4, 41.88N:77.13E, h10km
KRNET 24 01:15:11.3, 0.3, 41.97N:77.12E, h19km, mb3.3

KNET 24 01:15:12.8, 0.3, 41.97N:77.04E, h12km, ml2.2, Error
ellipse: s-maj=5.9km s-min=1.7km az=26.0

NNC 24 01:15:12.8, 0.7, 41.94N:77.11E, h0km, mb3.7, mpv3.6,
Error ellipse: s-maj=4.7km s-min=2.1km az=175.0

ISC 24 01:15:12.2, 1.1, 41.91N:0.03:77.10E:0.02, h8km, 9km,
n82, r187/151, 41C-28D, Kyrgyzstan-Xinjiang border
region

Code Station Name A° AZ° Phase ID Time Res
KDJ Kajisay 0.22 15 Op ISC h m s ISC
KDJ baz=12 01 15 21.2 +1.3
TARG Taragay, Kyrgy 0.56 109 I Pg 01 15 21.3 -1.7

Table with columns: Code, Station Name, S, AZ, Phase ID, Op, h, m, s, Res, ISC. Lists various stations like PTPM, BAG3A, LNR03, etc.

KMA 24 02:27:52.0-0.7, 35.67N; 129.80E, h12km, 3km, Error ellipse: s-maj=6.5km s-min=2.1km az=106.0

JMA 24 02:27:52.0-0.6, 35.67N; 129.82E, h13km, M3.4, IDC 24 02:27:54.8-1.4, 35.67N; 129.60E, h0km, mb3.3/2,

ISC 24 02:27:52.0-0.6, 35.67N; 129.78E; 0.0, h10km, 1.1km, n24, r12/30, South Korea

Table with columns: Code, Station Name, S, AZ, Phase ID, Op, h, m, s, Res, ISC. Lists stations like KSUSN, KSUS, KSBSU, etc.

BUI 24 02:46:13.6-0.0, 24.82S; 174.11W, h16km, mB5.9/19, mb5.5/31, Ms5.4/28, Ms7.5/132

NEIC 24 02:46:18.3-2.4, 70S; 175.42W, h13km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mrr1.64;

MOS 24 02:46:18.8-1.7, 24.73S; 175.79W, h15km, mb5.5/34, Ms5.0/8, Error ellipse: s-maj=11.9km s-min=8.4km

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

Table with columns: Code, Station Name, S, AZ, Phase ID, Op, h, m, s, Res, ISC. Lists stations like KHZ, KHZ, OXZ, etc.

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

RAO 24 02:46:22.3-0.1, 24.72S; 0.01E; 175.44W, h14km, MW5.5/143, Moment Tensor Solution. s121,c214;

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like LOHW Long Hollow, DHY Denali Highway, BJT Baijiatu, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BILL Bilibino, BILB Bilibino, BJT Baijiatu, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like KMBO Kilima Mbogo, MAK Makhachkala, FINES FINESSE Array, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like NRD, CFR, FTG, TPG, KOLS, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like ARR, GUNZ, GUNZ, VYHS, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like STIP, VAY, PCAB, etc.

HOM	baz=277,SNR=26	S	Sn	03 25 14.5 +2.1	GLI	comp=N,875nm,1.1s Glacier Island baz=251	3.12 66 P	Pn	03 25 29.1 -1.1	KHIT	Khitrov Hills	4.90 78	Pn	03 25 53.7 -0.6	
HOM	baz=277		Pn	03 25 01.0 +1.1	GLI	baz=251		S	Sn	03 26 04.3 -2.3	VRDI	Verde Repeater	4.92 68	Pn	03 25 54.0 -0.6
HOM	Homert	0.66 97	Pn	03 25 14.8 +2.1	GLI	baz=251	3.12 66	Pn	03 25 29.1 -1.1	VRDI	Verde Repeater	4.92 68	IAML	03 26 53.8	
HOM	Homert	0.66 97	IAML	03 25 14.9	GLI	Glacier Island	3.12 66	IAML	03 26 07.4	CROM	Cr Cirque	4.98 74	Pn	03 25 55.4 -0.2	
HOM	comp=N,15um,0.7s			03 25 15.6	GLI	Glacier Island	3.12 66	IAML	03 26 07.4	CROE	Cr Cirque	5.00 74	P	03 25 55.5 -0.3	
RED	comp=E,14um,0.4s			03 25 00.6 +0.5	GLI	comp=N,419nm,0.4s		IAML	03 26 08.6	SNH	Sunshine Point	5.09 81	Pn	03 25 57.1 +0.2	
RED	Redoubt Volcan	0.68 7	Pn	03 25 13.5 +0.6	PPLA	Purkeypile	3.18 6	P	Pn	03 25 32.4 +1.3	WAX	Waxell Ridge	5.09 78	Pn	03 25 56.2 -0.7
RSO	Redoubt South	0.72 7	Pn	03 25 01.4 +0.7	PPLA	Purkeypile	3.18 6	P	Pn	03 25 31.9 +0.8	TGL	Tana Glacier	5.13 74	IAML	03 25 57.4 -0.1
RWB	Redoubt West	0.74 3	Pn	03 25 01.3 +0.5	SII	Sitkinak Islan	3.27 192	P	Pn	03 25 31.3 -0.9	TGL	Tana Glacier	5.13 74	IAML	03 26 58.3
RWB	Redoubt West	0.74 3	Pn	03 25 14.8 +0.5	SII	Sitkinak Islan	3.27 192	IAML	03 26 11.6	MCARA	McCarthy VSAT	5.16 67	P	03 25 58.0 +0.3	
NCT	North Crescent	0.82 0	Pn	03 25 02.0 +0.6	SII	Sitkinak Islan	3.27 192	IAML	03 26 11.6	MCARA	McCarthy VSAT	5.16 67	IAML	03 25 57.3 -0.4	
NCT	North Crescent	0.82 0	Pn	03 25 15.8 +0.4	SII	Sitkinak Islan	3.27 192	IAML	03 26 11.6	MCARA	McCarthy VSAT	5.16 67	IAML	03 27 00.6	
O19K	Port Alsworth	0.83 303	P	03 25 01.8 +0.4	SII	Sitkinak Islan	3.27 192	IAML	03 26 11.6	NEA2	Nenana	5.19 19	P	03 25 58.2 +0.1	
O19K	Port Alsworth	0.83 303	S	03 25 15.5 +0.3	HIN	Hinchinbrook I	3.29 76	Pn	03 25 32.4 -0.2	NEA2	Nenana	5.19 19	Pn	03 25 58.1 0.0	
O19K	Port Alsworth	0.83 303	Pn	03 25 01.8 +0.4	HIN	Hinchinbrook I	3.29 76	IAML	03 26 13.1	WRH	Wood River Hill	5.26 24	Pn	03 25 59.1 +0.1	
O19K	Port Alsworth	0.83 303	IAML	03 25 15.6 +0.3	HIN	Hinchinbrook I	3.29 76	IAML	03 26 13.1	GCSA	Galena City Sc	5.34 342	P	03 26 00.2 +0.1	
O19K	comp=E,13um,0.5s			03 25 16.1	Q23K	Middleton Isla	3.36 93	P	Pn	03 25 33.8 +0.4	GCSA	Galena City Sc	5.34 342	Pn	03 26 03.3 +0.1
O19K	comp=N,13um,0.5s			03 25 16.2	Q23K	Middleton Isla	3.36 93	Pn	03 25 33.8 +0.4	MEIT	Meitner Island	5.47 76	Pn	03 26 05.9 +0.5	
DFR	Drift River	0.86 8	Pn	03 25 02.5 +0.7	Q23K	Middleton Isla	3.36 93	IAML	03 26 14.2	PTPK	Patty Peak	5.38 70	Pn	03 26 01.5 +0.6	
DFR	Drift River	0.86 8	Pn	03 25 16.7 +0.7	Q23K	Middleton Isla	3.36 93	IAML	03 26 14.2	KIAG	Kiagna River	5.38 73	Pn	03 26 01.0 +0.1	
CNPM	China Foot	0.89 104	Pn	03 25 02.0 +0.7	Q23K	Middleton Isla	3.36 93	IAML	03 26 14.2	MLY	Manley	5.40 10	P	03 26 01.1 +0.1	
CNPM	China Foot	0.89 104	IAML	03 25 17.3 +0.9	MID	Middleton Isla	3.37 93	Pn	03 25 33.9 +0.4	MLY	Manley	5.40 10	Pn	03 26 00.9 -0.1	
CNPM	comp=E,8um,0.5s			03 25 17.7	MID	Middleton Isla	3.37 93	Pn	03 26 11.8 -0.8	BALM	Baldy	5.41 72	Pn	03 26 01.0 -0.2	
CNPM	comp=N,10um,0.5s			03 25 17.9	MID	Middleton Isla	3.37 93	IAML	03 26 14.1	HDA	Harding Lake	5.46 28	P	03 26 01.8 +0.1	
Q19K	Cape Douglas	0.90 204	P	03 25 02.4 +0.1	MID	Middleton Isla	3.37 93	IAML	03 26 14.1	HDA	Harding Lake	5.46 28	Pn	03 26 01.4 -0.4	
Q19K	Cape Douglas	0.90 204	S	03 25 17.1 +0.5	FID	Port Fidalgo	3.37 70	Pn	03 25 32.3 -1.3	MEAT	Mentasta	5.47 50	Pn	03 26 01.9 +0.2	
Q19K	baz=22			03 25 02.4 +0.1	FID	Port Fidalgo	3.37 70	IAML	03 26 12.7	CCB	Clear Creek Bu	5.47 24	Pn	03 26 02.1 +0.2	
Q19K	BRLLK Bradley Lake	1.04 88	Pn	03 25 04.1 +0.4	FID	Port Fidalgo	3.37 70	IAML	03 26 12.7	I21K	Tanana	5.47 4	Pn	03 26 02.4 +0.4	
Q19K	BRLLK Bradley Lake	1.04 88	IAML	03 25 20.4	FID	Port Fidalgo	3.37 70	IAML	03 26 12.7	I21K	Tanana	5.47 4	Pn	03 26 02.4 +0.4	
Q19K	comp=N,5um,0.4s			03 25 20.6	JPK	Jack Creek Mo	3.41 65	Pn	03 25 33.8 -0.7	BAGL	Bagley Icefield	5.47 4	Pn	03 26 02.4 +0.4	
BRSE	Bradley Lake S	1.11 89	P	03 25 04.9 +0.4	SCM	Sheep Creek Mo	3.45 50	P	03 25 34.7 -0.1	M26K	Nabesna, AK	5.51 57	P	03 26 02.8 +0.2	
BRSE	Bradley Lake S	1.11 89	Pn	03 25 04.9 +0.4	SCM	Sheep Creek Mo	3.45 50	IAML	03 26 16.6	M26K	Nabesna, AK	5.51 57	Pn	03 26 02.7 +0.2	
BRSE	Bradley Lake S	1.11 89	S	03 25 21.2 +0.5	SCM	Sheep Creek Mo	3.45 50	IAML	03 26 16.6	MESA	MESA	5.54 81	Pn	03 26 03.8 +0.8	
BRSE	Bradley Lake S	1.11 89	Pn	03 25 05.4 +0.4	SCM	Sheep Creek Mo	3.45 50	IAML	03 26 16.6	MESA	MESA	5.54 81	Pn	03 26 03.6 +0.6	
P18K	Big Mountain	1.22 254	P	03 25 05.5 -0.3	SCM	Sheep Creek Mo	3.45 50	IAML	03 26 16.6	RIDG	Independent Ri	5.55 40	P	03 26 03.4 +0.3	
P18K	Big Mountain	1.22 254	S	03 25 22.2 -0.9	TT01	Tatalina	3.50 336	P	03 25 35.3 0.0	RIDG	Independent Ri	5.55 40	Pn	03 26 03.4 +0.6	
P18K	Big Mountain	1.22 254	Pn	03 25 05.5 -0.3	TTA	Tatalina	3.52 336	P	03 25 35.6 -0.1	YAH	Yukon-Avalanche	5.64 79	Pn	03 26 05.0 +0.5	
P18K	Big Mountain	1.22 254	Pn	03 25 22.2 -0.9	TTA	Tatalina	3.52 336	Pn	03 25 35.6 -0.1	L26K	Log Cabin Wild	5.66 50	Pn	03 26 05.6 +1.1	
N19K	Bonanza Creek	1.32 325	P	03 25 07.4 +0.4	K20K	Telida	3.66 352	P	03 25 38.1 +0.5	TCOL	CIGO, UAF Yank	5.66 22	Pn	03 26 04.4 -0.1	
N19K	Bonanza Creek	1.32 325	S	03 25 25.4 +0.2	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	TCOL	CIGO, UAF Yank	5.66 22	Pn	03 26 04.1 -0.4	
N19K	Bonanza Creek	1.32 325	Pn	03 25 07.4 +0.4	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	P	03 26 04.7 +0.2	
N19K	Bonanza Creek	1.32 325	Pn	03 25 25.4 +0.2	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 04.5 0.0	
N19K	Bonanza Creek	1.32 325	Pn	03 25 07.4 +0.4	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn	03 26 05.0 +0.5	
N19K	Bonanza Creek	1.32 325	Pn	03 25 09.8 +2.5	K20K	Telida	3.66 352	Pn	03 25 38.1 +0.5	COLA	College	5.66 23	Pn</		

24d 3h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like SIT Sitka, JIS Juneau Island, FARO Faro, Yukon, etc.

JMA 24 03:32:53.4, 0.2, 24.50N, 122.50E, h27km, M2.2
TAP 24 03:32:54.0, 0.2, 24.51N, 122.47E, h22km, M2.7, Error
ISC 24 03:32:53.6, 1.0, 24.50N, 122.49E, 0.02, h24km, 12km, n36, e055/65, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like YONG Yonagunijimaku, JYNG Yonaguni jima, YOJ Yonaguni jima, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like IRIF Iriomote-Funau, WHF Hehuan Shan, CHGB Renai, etc.

SOF 24 03:35:34.8, 41.71N, 24.18E, h20km, MD2.4
ATH 24 03:35:36.6, 41.66N, 24.20E, h11km, 1km, ML2.4/11, Error
ellipse: s-maj=2.7km s-min=1.0km az=183.0
ISK 24 03:35:36.0, 41.72N, 24.10E, h6km, ML2.7/17
THE 24 03:35:36.0, 41.69N, 24.20E, h2km, 31km, ML2.3/7, Error
ellipse: s-maj=31.1km s-min=0.8km az=228.0
SKO 24 03:35:37.6, 41.73N, 24.12E, h1km
DDA 24 03:35:38.4, 41.49N, 24.09E, h8km, 3km, ML2.5
BEO 24 03:35:40.9, 41.73N, 23.99E, h0km, ML2.4/5
ISC 24 03:35:35.5, 1.0, 41.71N, 0.01, 24.17E, 0.01, h7km, 9km, n86, e116/124, 7C-BD, Greece-Bulgaria border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like MMB Musomiste, RZN Rozhen, NVR Nevrokopi, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like STIP, GRG Griva, GRG Samothraki Isl, etc.

NOU 24 03:41:01.8, 16.90S, 167.82E, h19km, ML4.5/14, Vanuatu Islands, Vanuatu Islands
Code Station Name Azimuth Elevation Azimuth Error Phase ID Time Residual

TUL 24 03:52:31.9, 1.0, 36.00N, 0.02, 97.30W, 0.02, h5km, 7km, ML2.6, mb_Lg2.5/21 (NEIC), Error ellipse: s-maj=2.4km s-min=1.7km az=140.0
NEIC 24 03:52:32.0, 0.5, 36.01N, 0.01, 97.32W, 0.02, h7km, 5km, Error ellipse: s-maj=2.2km s-min=1.8km az=101.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like OK029 Liberty Lake, OK033 Mehan, etc.

24d 5h

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NNC 24 05:48:23.1±1.2, 42.08N-81.19E, h0km, mb4.8, mpv4.5, Error ellipse: s-maj=8.2km s-min=6.7km az=159.0
NEIC 24 05:48:24.6±2.1, 42.05N-0.08-81.4E, 0.1, h10km±1km, mb4.4/10, ML4.1(BJI), Error ellipse: s-maj=18.1km s-min=6.2km az=138.0
MOS 24 05:48:24.2±1.6, 42.08N-81.38E, h20km, mb4.6/16, Error ellipse: s-maj=8.1km s-min=5.3km az=113.1
ISC 24 05:48:24.8±1.2, 42.32N-0.04-81.34E, 0.03, h7km±7km, m149, c±40/176, mb4.3/25, MS3.3/8, 13C-17D, Northern

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

Table with columns: MTBS, Maitube, 41nm, 0.2s, 3.71 284 eP, Pb, 05 49 30.0 -0.7. Lists seismic events with station codes and parameters.

Table with columns: ARU, Arti, 20.34 322 P, Pn, 05 53 02.8 -0.7. Lists seismic events with station codes and parameters.

NIED 24 05:51:35.9, 30.85N-128.53E, h19km, MW3.8, Moment Tensor solution. s3 Moment tensor: Scale 10^14Nm; Mrr-1.30; Mss2.25; Mss-0.95; Mss0.93; Mss4.15; Mrr-1.91; Fault plane solution: M0.5, 0.00000 x 10^14 Np1, 0.15, 0.00000, 0.72, 0.00000, -1.156, 0.00000. NP2, 0.277, 0.00000, 0.67, 0.00000, -1.20, 0.00000.
JMA 24 05:51:35.8±0.3, 30.85N-128.53E, h19km, M3.6, Northwest of Ryukyu Islands

Table with columns: JNN, Station Name, Azimuth, Elevation, P, Pb, Time, Res, ISC. Includes stations like Nakanoshima, Suzuyama, Fukue jima 2, etc.

NOU 24 06:08:01.3, 20:55S:168:14E, h67km, MLv3.9/8, Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Includes stations like LIFNC, MARNC, YATNC, etc.

NEIC 24 06:15:09.7, 1.9, 20:45S:0:177:3W, h49km, 7km, mb4.4/20, Error ellipse: s-maj=23.8km s-min=15.6km az=127.0

ICD 24 06:15:09.6, 2.2, 20:38S:177:81W, h49km, 23km, mb3.5/13, mb1.3/9, 15, mb177:81W, mb1mp4.4/15, Error ellipse: s-maj=24.5km s-min=13.4km az=145.0

ISC 24 06:15:09.2, 0.4, 20:41S:0:08:177:76W, h0:05km, n86, c1842/87, mb4.2/24, 10C-7D, Fiji Islands region

Main table for Fiji Islands region with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Includes stations like AF1, AF2, GLKZ, DZM, etc.

ICD 24 06:42:52.7, 999.0, 28:25N:136:35E, h0km, Error ellipse: s-maj=727.4km s-min=175.1km az=18.0, West of Bonin Islands

Main table for West of Bonin Islands with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Includes stations like I30JP, I45RU, I39PW, etc.

Table with columns: BRTR, Station Name, Azimuth, Elevation, P, Pb, Time, Res, ISC. Includes stations like Keskin Array B, BURAR, Bucovina Array, etc.

KRNET 24 06:39:13.3, 0.1, 39:66N:71:07E, h13km, mb3.1

SOME 24 06:39:14.1, 39:77N:71:12E, h0km

NINC 24 06:39:16.4, 3.0, 39:76N:71:12E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=22.2km s-min=11.5km az=10.0

ISC 24 06:39:13.0, 1.1, 39:77N:0:03:71:12E:0:03, h8km, 11km, n17, c1873/30, 16C-6D, Tajikistan

ICD 24 06:39:13.0, 1.1, 39:77N:0:03:71:12E:0:03, h8km, 11km, n17, c1873/30, 16C-6D, Tajikistan

Main table for Tajikistan region with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Includes stations like BTk, DRK, GAR, OHH, etc.

ICD 24 06:59:20.5, 6:2, 5, 8:08N:87:62W, h0km, mb3.8/6, mb1.1/1, 8, mb1mx3.8/9, mb1mp3.8/8, ML3.3/2, MS3.2/3, Ms1 3/2, ms1mx2.7/26, Error ellipse: s-maj=128.9km s-min=21.7km az=43.0

INET 24 06:59:20.5, 10:35N:85:80W, h57km, MW4.1

UCR 24 06:59:25.6, 2.6, 6, 10:44N:85:76W, h29km, 3km, MW4.1

ISC 24 06:59:24.4, 1.6, 10:40N:0:03:85:76W:0:06, h31km, 13km, SAU, c1850/50, mb3.7/6, 11C-2D, Costa Rica

Main table for Costa Rica region with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Includes stations like GUAI, ORTG, SAJU, etc.

Table with columns: CMJJI, Station Name, Azimuth, Elevation, P, Pb, Time, Res, ISC. Includes stations like Kota Agung, Karang Pucung, Kotabumi, etc.

ICD 24 06:59:25.6, 2.6, 6, 10:44N:85:76W, h29km, 3km, MW4.1

ISC 24 06:59:24.4, 1.6, 10:40N:0:03:85:76W:0:06, h31km, 13km, SAU, c1850/50, mb3.7/6, 11C-2D, Costa Rica

Main table for Costa Rica region with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Includes stations like GUAI, ORTG, SAJU, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKR5, JIJ, JISG, PTMZ, MATB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MIYV, JTH, OFUJ, NEM2, etc.

JMA 24 07:56:17.1±0.5, 38.79N, 147.61E, h49km, M4.2, Off east coast of Honshu

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

IDC 24 08:04:25.6±48.0, 16.35S, 172.41W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/24, mbtmp3.8/3, Error ellipse: s-maj=936.5km s-min=194.9km az=80.0, Samoa Islands region

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

IDC 24 08:24:42.0±2.3, 1.50N, 126.98E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.2/47, mbtmp3.4/3, Error ellipse: s-maj=181.3km s-min=28.2km az=66.0, Northern Molucca Sea

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

NEIC 24 08:27:06.8±1.1, 1°11'N, 127°35'E, h11km, mb4.1/8, Error ellipse: s-maj=95.0km s-min=6.3km az=73.0

IDC 24 08:27:07.1±2.1, 0.81N, 127°16'E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.3/47, mbtmp3.7/3, MS3.2/1, Ms1 3.2/1, ms1mx2.4/35, Error ellipse: s-maj=166.1km s-min=25.6km az=66.0

DJA 24 08:27:08.2±0.4, 1°N, 3°12'E, h10km, M3.4/5, MLV3.4/5 IDC 24 08:27:07.0±1.0, 0.9N, 127°17'E, h10km, n16, e1102/18, mb3.8/6, Halmahera

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

MAN 24 08:36:55.6±9.94N, 124°10'E, h16km, mb5.0, ML3.9, MS4.0 NEIC 24 08:36:55.0±2.8, 9.9N, 124°3'E, h10km, mb4.5/14, Error ellipse: s-maj=23.4km s-min=18.6km az=72.0

IDC 24 08:37:01.5±7.9, 9.95N, 124°57'E, h77km, 73km, mb3.7/11, mb1 3.8/11, mb1mx3.6/54, mbtmp4.0/11, MS3.0/6, Ms1 3.1/6, ms1mx2.8/38, Error ellipse: s-maj=37.9km s-min=15.6km az=66.0

ISC 24 08:36:57.6±0.5, 9.79N, 124°3'E, h33km, n42, e1157/40, mb4.3/22, MS2.9/6, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MYLDM, MTN, KNRA, CMAR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WB2, HHC, HHC, SHL, AS31, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, STKA, WMQ, MK31, etc.

SOME 24 08:57:24.4, 1°8'2N, 81°52'E, h5km NNC 24 08:57:24.4±1.3, 41°75'N, 81°50'E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=8.8km s-min=6.6km az=154.0

ISC 24 08:57:25.2±2.2, 41°82'N, 0°09.81'E, h10km, n39, e1185/60, 7C-4D, Southern Xinjiang

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

IDC 24 08:57:24.4, 1°8'2N, 81°52'E, h5km NNC 24 08:57:24.4±1.3, 41°75'N, 81°50'E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=8.8km s-min=6.6km az=154.0

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

ISC 24 08:57:24.4, 1°8'2N, 81°52'E, h5km NNC 24 08:57:24.4±1.3, 41°75'N, 81°50'E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=8.8km s-min=6.6km az=154.0

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

IDC 24 09:14:14.6±0.5, 31°79'S, 71°93'W, h0km, mb4.7/12, mb1 4.7/16, mb1mx4.7/23, mbtmp4.6/16, ML4.2/4, MS4.3/16, Ms1 4.3/16, ms1mx4.2/23, Error ellipse: s-maj=22.7km s-min=13.5km az=89.0

NEIC 24 09:14:15.8±2.8, 31°80'S, 0°04'72.13W, h0.09, h10km, mb4.8/10, Mw4.8/47, Mww5.0, ML5.0(GUC), Error ellipse: s-maj=11.5km s-min=5.9km az=89.0

NEIC 24 09:14:16.8, 31°84'S, 72°21'W, h15km, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mrr: 9.7; Mss: 1.7; Mss: 2.5; Mss: 1.5; Mss: 0.6; Mss: 0.6; Fault plane solution: M=2.170000; P=1.700000; NP2=1.765000; 3.54.02000; 1.84.00000; NP2=6.74000; 3.36.41000; 1.98.19000; Principal axes: P=2.0885, Plg0.0000; Azm62.0000; N=0.1609, Plg5.0000; Azm180.0000; P=2.2494, Plg9.0000; Azm271.0000;

GUC 24 09:14:16.1±0.7, 31°82'S, 72°17'W, h39km, 2km, ML5.0 VAO 24 09:14:17.2±0.4, 31°80'S, 71°93'W, h14km, mb4.9

NEIC 24 09:14:18.3, 31°84'S, 72°21'W, h16km, Moment Tensor Solution, Duration: 5.2; Moment tensor: Scale 10^16Nm; Mrr: 2.6; Mss: 1.4; Mss: 2.19; Mss: 0.62; Mss: 0.30; Mss: 3.24; Fault plane solution: M=3.940000; P=1.900000; NP2=0.327000; 3.17.00000; 1.70.00000; NP2=1.765000; 3.54.02000; 1.84.00000; Principal axes: T=3.8509, Plg61.0000; Azm77.0000; N=0.1661, Plg2.0000; Azm170.0000; P=4.0169, Plg29.0000; Azm261.0000;

GCMT 24 09:14:20.0±0.3, 31°85'S, 72°20'W, h25km, 1km, MW5.0/73, Moment Tensor Solution, s29.c30; s73.c28; Duration: 0; Moment tensor: Scale 10^16Nm; Mrr: 3.45±.20; Mss: 0.2±.16; Mss: 3.1±.14; Mss: 0.04±.21; Mss: 0.05±.08; -2.2494, Plg9.0000; Best double couple: M=4.087000; NP2=1.90359.00000; s27.00000; 1.90.00000; Principal axes: T=4.2220, Plg72.0000; Azm89.0000; N=0.2700; Plg0.0000; Azm178.0000; P=3.9530, Plg8.0000; Azm269.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24 09:14:14.6±0.9, 31°80'S, 0°02'72.19W, h6km, 5km, n320, e1446/302, mb4.9/66, MS4.4/15, 15C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MYLDM, MTN, KNRA, CMAR, etc.

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

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

INET 24 09:00:24.6, 9°56'N, 84°84'W, h15km, MW3.4 UCR 24 09:00:29.0±1.3, 9°55'N, 84°88'W, h18km, 2km, MW3.9, 5C-17D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAFE, LAFE, SRA1, etc.

IDC 24 09:14:14.6±0.5, 31°79'S, 71°93'W, h0km, mb4.7/12, mb1 4.7/16, mb1mx4.7/23, mbtmp4.6/16, ML4.2/4, MS4.3/16, Ms1 4.3/16, ms1mx4.2/23, Error ellipse: s-maj=22.7km s-min=13.5km az=89.0

NEIC 24 09:14:15.8±2.8, 31°80'S, 0°04'72.13W, h0.09, h10km, mb4.8/10, Mw4.8/47, Mww5.0, ML5.0(GUC), Error ellipse: s-maj=11.5km s-min=5.9km az=89.0

NEIC 24 09:14:16.8, 31°84'S, 72°21'W, h15km, Moment Tensor Solution, Duration: 5.2; Moment tensor: Scale 10^16Nm; Mrr: 2.6; Mss: 1.4; Mss: 2.19; Mss: 0.62; Mss: 0.30; Mss: 3.24; Fault plane solution: M=3.940000; P=1.900000; NP2=0.327000; 3.17.00000; 1.70.00000; NP2=1.765000; 3.54.02000; 1.84.00000; Principal axes: T=3.8509, Plg61.0000; Azm77.0000; N=0.1661, Plg2.0000; Azm170.0000; P=4.0169, Plg29.0000; Azm261.0000;

GUC 24 09:14:16.1±0.7, 31°82'S, 72°17'W, h39km, 2km, ML5.0 VAO 24 09:14:17.2±0.4, 31°80'S, 71°93'W, h14km, mb4.9

NEIC 24 09:14:18.3, 31°84'S, 72°21'W, h16km, Moment Tensor Solution, Duration: 5.2; Moment tensor: Scale 10^16Nm; Mrr: 2.6; Mss: 1.4; Mss: 2.19; Mss: 0.62; Mss: 0.30; Mss: 3.24; Fault plane solution: M=3.940000; P=1.900000; NP2=0.327000; 3.17.00000; 1.70.00000; NP2=1.765000; 3.54.02000; 1.84.00000; Principal axes: T=3.8509, Plg61.0000; Azm77.0000; N=0.1661, Plg2.0000; Azm170.0000; P=4.0169, Plg29.0000; Azm261.0000;

GUC 24 09:14:16.1±0.7, 31°82'S, 72°17'W, h39km, 2km, ML5.0 VAO 24 09:14:17.2±0.4, 31°80'S, 71°93'W, h14km, mb4.9

NEIC 24 09:14:18.3, 31°84'S, 72°21'W, h16km, Moment Tensor Solution, Duration: 5.2; Moment tensor: Scale 10^16Nm; Mrr: 2.6; Mss: 1.4; Mss: 2.19; Mss: 0.62; Mss: 0.30; Mss: 3.24; Fault plane solution: M=3.940000; P=1.900000; NP2=0.327000; 3.17.00000; 1.70.00000; NP2=1.765000; 3.54.02000; 1.84.00000; Principal axes: T=3.8509, Plg61.0000; Azm77.0000; N=0.1661, Plg2.0000; Azm170.0000; P=4.0169, Plg29.0000; Azm261.0000;

GUC 24 09:14:16.1±0.7, 31°82'S, 72°17'W, h39km, 2km, ML5.0 VAO 24 09:14:17.2±0.4, 31°80'S, 71°93'W, h14km, mb4.9

NEIC 24 09:14:18.3, 31°84'S, 72°21'W, h16km, Moment Tensor Solution, Duration: 5.2; Moment tensor: Scale 10^16Nm; Mrr: 2.6; Mss: 1.4; Mss: 2.19; Mss: 0.62; Mss: 0.30; Mss: 3.24; Fault plane solution: M=3.940000; P=1.900000; NP2=0.327000; 3.17.00000; 1.70.00000; NP2=1.765000; 3.54.02000; 1.84.00000; Principal axes: T=3.8509, Plg61.0000; Azm77.0000; N=0.1661, Plg2.0000; Azm170.0000; P=4.0169, Plg29.0000; Azm261.0000;

GUC 24 09:14:16.1±0.7, 31°82'S, 72°17'W, h39km, 2km, ML5.0 VAO 24 09:14:17.2±0.4, 31°80'S, 71°93'W, h14km, mb4.9

NEIC 24 09:14:18.3, 31°84'S, 72°21'W, h16km, Moment Tensor Solution, Duration: 5.2; Moment tensor: Scale 10^16Nm; Mrr: 2.6; Mss: 1.4; Mss: 2.19; Mss: 0.62; Mss: 0.30; Mss: 3.24; Fault plane solution: M=3.940000; P=1.900000; NP2=0.327000; 3.17.00000; 1.70.00000; NP2=1.765000; 3.54.02000; 1.84.00000; Principal axes: T=3.8509, Plg61.0000; Azm77.0000; N=0.1661, Plg2.0000; Azm170.0000; P=4.0169, Plg29.0000; Azm261.0000;

GUC 24 09:14:16.1±0.7, 31°82'S, 72°17'W, h39km, 2km, ML5.0 VAO 24 09:14:17.2±0.4, 31°80'S, 71°93'W, h14km, mb4.9

NEIC 24 09:14:18.3, 31°84'S, 72°21'W, h16km, Moment Tensor Solution, Duration: 5.2; Moment tensor: Scale 10^16Nm; Mrr: 2.6; Mss: 1.4; Mss: 2.19; Mss: 0.62; Mss: 0.30; Mss: 3.24; Fault plane solution: M=3.940000; P=1.900000; NP2=0.327000; 3.17.00000; 1.70.00000; NP2=1.765000; 3.54.02000; 1.84.00000; Principal axes: T=3.8509, Plg61.0000; Azm77.0000; N=0.1661, Plg2.0000; Azm170.0000; P=4.0169, Plg29.0000; Azm261.0000;

GUC 24 09:14:16.1±0.7, 31°82'S, 72°17'W, h39km, 2km, ML5.0 VAO 24 09:14:17.2±0.4, 31°80'S, 71°93'W, h14km, mb4.9

NEIC 24 09:14:18.3, 31°84'S, 72°21'W, h16km, Moment Tensor Solution, Duration: 5.2; Moment tensor: Scale 10^16Nm; Mrr: 2.6; Mss: 1.4; Mss: 2.19; Mss: 0.62; Mss: 0.30; Mss: 3.24; Fault plane solution: M=3.940000; P=1.900000; NP2=0.327000; 3.17.00000; 1.70.00000; NP2=1.765000; 3.54.02000; 1.84.00000; Principal axes: T=3.8509, Plg61.0000; Azm77.0000; N=0.1661, Plg2.0000; Azm170.0000; P=4.0169, Plg29.0000; Azm261.0000;

GUC 24 09:14:16.1±0.7, 31°82'S, 72°17'W, h39km, 2km, ML5.0 VAO 24 09:14:17.2±0.4, 31°80'S, 71°93'W, h14km, mb4.9

NEIC 24 09:14:18.3, 31°84'S, 72°21'W, h16km, Moment Tensor Solution, Duration: 5.2; Moment tensor: Scale 10^16Nm; Mrr: 2.6; Mss: 1.4; Mss: 2.19; Mss: 0.62; Mss: 0.30; Mss: 3.24; Fault plane solution: M=3.940000; P=1.900000; NP2=0.327000; 3.17.00000; 1.70.00000; NP2=1.765000; 3.54.02000; 1.84.00000; Principal axes: T=3.8509, Plg61.0000; Azm77.0000; N=0.1661, Plg2.0000; Azm170.0000; P=4.0169, Plg29.0000; Azm261.0000;

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VAO6, VAO6, VAO6, CO06, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CO06 Fray Jorge, VA01 Torpederas, and various other stations.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like TRQA Torquist, PB01 IPOP Station P, and various other stations.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like VVDA Vanda, TA0E Nuku Hiva Island, and various other stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lac du Bonnet, Orovile, JOBA, PLID, SCHD, etc.

IDC 24 09:38:37.81, 1.38:55N:65.46E, h0km, mb3.6/6, mb1 3.8/14, mb1mx3.6/60, mbtmp3.7/14, ML4.4/8, MS3.2/6, Ms1 3.3/6, ms1mx2.9/52, Error ellipse: s-maj=22.1km s-min=12.9km az=159.0

ISU 24 09:38:38.80, 38.48N:65.40E, h5km ISC 24 09:38:38.80, 38.60N:0.07, 65.47E:0.04, h10km, n21, c2510/24, mb3.6/5, Southeastern Uzbekistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PKMR, BUXR, Samarkand, TMD, etc.

MOS 24 09:39:02.81, 1.4, 38:77N:20:49E, h14km, mb4.8/11, Error ellipse: s-maj=8.2km s-min=4.2km az=86.6

IDC 24 09:39:02.70, 38.78N:20:57E, h0km, ML4.2/22, mb1 4.4/30, mb1mx4.2/55, mbtmp4.2/30, ML4.0/8, MS3.2/11, Ms1 3.3/11, ms1mx3.0/50, Error ellipse: s-maj=13.5km

s-min=13.1km az=168.0 PDG 24 09:39:04.20, 7.38:75N:20:48E, h11km, 1km, MD4.5/2, ML4.5/7, Error ellipse: s-maj=0.9km s-min=1.1km az=0.0 NEIC 24 09:39:04.52, 2.38:75N:0.05:20:55E:0.06, h8km, 5km, Error ellipse: s-maj=7.9km s-min=6.2km az=219.0

THE 24 09:39:05.0, 38:76N:20:56E, h10km, 1km, ML4.1/8 Error ellipse: s-maj=1.5km s-min=0.5km az=100.0 ATH 24 09:39:05.3, 38:73N:20:60E, h12km, ML4.0/19, Error ellipse: s-maj=1.4km s-min=0.8km az=284.0

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P Pg 09 39 07.1 -0.3 DRAG Draganolefakad 0.07 178 P S Pg 09 39 06.9 -0.5

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 06.9 -0.5 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

Code Station Name Az' Az'' Phase ID Time Res ISC DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1 DRAG Draganolefakad 0.07 178 P S Pg 09 39 07.4 -0.1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like MORH Mrgy, Hungary, MORH Mrgy, Hungary, MORH Mrgy, Hungary, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, etc.

LVSN 24 09:45:00.0-2.8, 57.95N-28.33E, h0km,42km, ML2.4

EST 24 09:45:15.4-0.1, 59.25N-27.74E, h0km, ML 1.7(HEL).

Explosion

HEL 24 09:45:16.0-1.0, 59.26N-27.67E, h0km, ML1.8

Explosion, Belarus-Northern Russia

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other details. Includes stations like EEO4 Vaivara Sinima, EEO5 Udria, Vaivara, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNA Nana, PTBL Pontes e Lacer, ETMB Extrema, BDFB Brasilia, etc.

IDC 24 11:25:43.2, 0.8, 30S, 125.25E, h0km, mb3.6/1, mb1 3.5/4, mb1mx3.1/31, mbtmp3.3/4, ML3.2/2, Error ellipse: s-maj=106.3km s-min=29.3km az=67.0, Timor region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makranhi Array.

NEIC 24 11:34:56.7, 0.7, 37.17N, 0.02, 97.802W, 0.009, h5km, 6km, Error ellipse: s-maj=2.5km s-min=0.9km az=194.0

NEIC 24 11:34:56.3, 0.7, 37.17N, 0.02, 97.80W, 0.01, h4km, 6km, mb_L2, 6/12, ML2.5/19, Error ellipse: s-maj=2.4km s-min=1.1km az=57.0, Kansas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAN01 Argonia South, KAN05 Bluff City Nor, WRA Argonia West S, etc.

IDC 24 11:56:19.5, 1.2, 38.52N, 20.36E, h0km, mb3.7/6, mb1 3.8/10, mb1mx3.6/39, mbtmp3.7/10, ML3.5/3, MS3.1/7, Ms1 3.1/7, ms1mx2.7/61, Error ellipse: s-maj=2.4, 1km s-min=18.7km az=50.0

THE 24 11:56:21.1, 38.37N, 20.42E, h12km, ML3 8/6, Error ellipse: s-maj=1.6km s-min=0.4km az=289.0

ATH 24 11:56:21.4, 38.37N, 20.47E, h12km, 1km, ML3.7/16, Error ellipse: s-maj=1.6km s-min=0.6km az=267.0

PDG 24 11:56:21.7, 0.5, 38.22N, 20.08E, h35km, 4km, ML3.9/7, Error ellipse: s-maj=1.8km s-min=2.2km az=0.0

ISC 24 11:56:21.0, 0.7, 38.37N, 0.02, 20.42E, 0.03, h15km, 4km, n105, r137/138, mb3.8/6, MS2.8/3, 5C-4D, Greece

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEF4 Livadi, DMLN Damoulianata-K, DMLN Damoulianata-K, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TREB Trebinje, ANOY Anoya, BRY Bratogost, etc.

MAN 24 11:59:01.5, 9.89N, 124.10E, h11km, mb4.0, ML2.8, MS2.5, Mindanao

CNRM 24 12:07:49.3, 36.55N, 9.39W, h126km, ml2.3, INMG 24 12:07:51.8, 36.66N, 9.74W, h16km, 4km, ML2.2, Error ellipse: s-maj=4.9km s-min=3.6km az=39.0

IGL 24 12:07:51.5, 36.64N, 9.74W, h15km, ML2.0, MDD 24 12:07:51.1, 1.9, 36.67N, 9.79W, h19km, 7km, mbL2.6/10, Error ellipse: s-maj=16.0km s-min=12.1km az=15.0, PRXIMO

ISC 24 12:07:48.8, 2.4, 36.59N, 0.08, 9.83W, 0.09, h31km, 14km, n43, r143/75, 5C, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PFVI Vila Bispo, MORF Marneleite, MORF Marneleite, etc.

24d 12h

Table with columns: EVO, Evora, 2.41 36 eSn, Sn, 12 08 54.5 -0.2, 12 08 56.8, DHRM DHARAMSHALA, 8.42 302 eP, Pn, 12 26 19.4 +1.7, 12 27 50.4 -2.4, KIRV Kirov, comp=Z,2.0nm,0.9s, pmax, pmax, 39.08 331ceP, P, 12 31 43.1 +0.9, 12 32 00.4 -0.4, NRIK Nori'sk, comp=Z,3.7nm,0.7s,baz=185,slow=5.8,SNR=5.8, LR, LR, 12 31 17.4, NRIK Nori'sk, comp=Z,1.28nm,19.9s,baz=182,slow=39, LR, LR, 12 32 01.5 +0.7, NRIK Nori'sk, 41.33 20eP, P, 12 32 01.3 +0.5, NRIK Nori'sk, 41.33 20eP, P, 12 32 08.1, KLR Kul'dur, comp=Z,1.1nm,1.1s, 41.53 46 i/P, P, 12 32 03.6 +0.9, KLR Kul'dur, comp=Z,1.0nm,1.6s, pmax, pmax, 12 32 03.6 +0.9, PRGR Permogore, 42.38 333 eP, P, 12 32 10.3 +0.8, PRGR Permogore, comp=Z,1.2nm,1.3s, pmax, pmax, 12 32 10.3 +0.8, MOS Moscow, 43.44 323 eP, P, 12 32 17.6 -0.6, MOS Moscow, 43.44 323 eP, P, 12 32 23.7, OBN Obninsk, 43.81 322 i/P, P, 12 32 21.4 +0.3, OBN Obninsk, 43.81 322 i/P, P, 12 32 27.1, OBN Obninsk, 43.81 322 i/P, P, 12 34 01.0, OBN Obninsk, comp=Z,1.4nm,1.1s, MLR, MLR, 12 32 26.7 -0.2, OBN Obninsk, comp=Z,1.2nm,1.3s, MLR, MLR, 12 32 26.7 -0.2, KLMR Klimovskoe, 44.54 330 eP, P, 12 32 26.7 -0.2, KLMR Klimovskoe, 44.54 330 eP, P, 12 32 34.1, KLMR Klimovskoe, comp=Z,2.5nm,1.4s, AMP, P, 12 32 34.1, KLMR Klimovskoe, comp=Z,2.5nm,1.4s, ePP, PP, 12 32 10.2 -0.5, KLMR Yakutsk, 44.94 28ceP, P, 12 32 29.1 -1.0, KLMR Yakutsk, 44.94 28ceP, P, 12 32 29.6 -0.5, YAK Yakup, 44.94 28eP, P, 12 32 29.1 -1.0, YAK Yakup, 47.11 129 LR, LR, 12 32 04.5 +0.2, AKASG Malin Array Be, 47.21 314 P, P, 12 32 47.8 -0.3, AKASG Malin Array Be, comp=Z,2.7nm,0.6s,baz=77,slow=7.7,SNR=8.4, P, P, 12 32 47.8 -0.3, AKASG Malin Array Be, 47.21 314 P, P, 12 32 47.8 -0.3, AKASG Malin Array Si, 47.21 314 P, P, 12 32 47.1 -1.1, AKASG Malin Array Si, 47.21 314 P, P, 12 32 47.1 -1.1, AKASG Malin Array Si, 47.21 314 P, P, 12 32 49.3, AKASG Malin Array Si, comp=Z,4.6nm,0.8s, P, P, 12 32 04.4 +1.3, MLR Muntele Rosu, 49.11 307 P, P, 12 33 02.9 -0.2, MLR Muntele Rosu, comp=Z,1.2nm,0.9s,baz=162,slow=2.9,SNR=11, P, P, 12 33 02.9 -0.2, MLR Tiksi, 49.83 17 P, P, 12 33 08.3 +0.3, MLR Tiksi, comp=Z,5.4nm,0.7s,baz=206,slow=4.6,SNR=6.6, P, P, 12 33 07.1 -0.9, TIXI Tiksi, 49.83 17 Iamb, Iamb, 12 33 09.3, TIXI Tiksi, comp=Z,8.0nm,0.8s, Iamb, Iamb, 12 33 09.3, VSU Vasula, 49.89 324 i/P, P, 12 33 10.4 +1.8, FINES FINESS Array B, 50.86 328 P, P, 12 33 16.0 +0.1, FINES FINESS Array B, comp=Z,3.5nm,0.5s,baz=105,slow=7.9,SNR=13, P, P, 12 33 16.2 +0.3, FINES FINESS Array B, 50.86 328 i/P, P, 12 33 16.2 +0.3, FINES FINESS Array B, comp=Z,7.0nm,0.8s, pmax, pmax, 12 33 14.3 -1.6, FINES ARCES Array B, 50.86 328 P, P, 12 33 35.0 +0.7, FINES ARCES Array B, comp=Z,4.3nm,0.7s,baz=92,slow=6.2,SNR=9.9, P, P, 12 33 34.4 +0.1, ARCES ARCES Array B, 53.34 338 P, P, 12 33 42.5 +2.2, ARCES ARCES Array B, 54.01 246 P, P, 12 33 42.5 +2.2, KMBO Klimba Mboago, comp=Z,1.5nm,0.5s,baz=41,slow=7.9,SNR=6.4, P, P, 12 33 45.5 +2.2, KMBO Klimba Mboago, 54.01 246 i/P, P, 12 33 45.5 +2.2, KMBO Klimba Mboago, comp=Z,2.0nm,0.5s, pmax, pmax, 12 33 43.5 +3.3, KMBO Klimba Mboago, 54.01 246 P, Iamb, Iamb, 12 33 45.9, KMBO Klimba Mboago, comp=Z,5.6nm,1.1s, Iamb, Iamb, 12 33 49.0 +0.9, SEY Seymchan, 55.24 31 P, P, 12 33 58.8 0.0, HFS Hagfors, 56.72 326 P, P, 12 34 02.6 -0.4, GERES GERES Array B, 57.25 312 P, P, 12 34 02.6 -0.4, GERES GERES Array B, 57.25 312 P, P, 12 34 02.6 -0.4, SAUI Saumiaki, 57.49 122 P, P, 12 34 04.4 -0.6, NB2 NORSA Subarra, 57.94 327 P, P, 12 34 07.1 -0.4, NB2 NORSA Subarra, 57.94 327 P, P, 12 34 07.1 -0.4, NOA NORSA Array B, 57.94 327 P, P, 12 34 06.5 -1.0, NOA NORSA Array B, comp=Z,1.7nm,0.8s,baz=90,slow=7.0,SNR=4.2, LR, LR, 13 00 31.8, NOA NORSA Array B, comp=Z,5.6nm,2.1s,baz=270,slow=3.8, LR, LR, 13 00 31.8, SPB2 Spitsbergen Ar, 58.31 347 P, P, 12 34 09.2 -0.6, BILL Bilbilino, 58.31 347 P, P, 12 34 27.5 -1.9, BILL Bilbilino, 58.31 347 P, P, 12 34 35.5, BILL Bilbilino, 58.31 347 P, P, 12 35 12.2, BILL Bilbilino, 58.31 347 P, P, 12 36 44.0, DGZ Jazator, Alta, 21.69 5 i/P, P, 12 29 06.4 0.0, DGZ Jazator, Alta, comp=Z,3.0nm,0.9s, pmax, pmax, 12 29 06.4 0.0, BELL Kesra, 63.05 298 P, P, 12 34 43.9 +1.0, BELL Kesra, comp=Z,5.0nm,0.8s,baz=99,slow=16,SNR=4.2, P, P, 12 34 49.1 +0.3, NOR Nord, 64.07 351 i/P, P, 12 34 55.1, NOR Nord, comp=Z,7.4nm,1.1s, Iamb, Iamb, 12 34 55.1, WRA Warramunga Arr, 67.65 129 P, P, 12 35 13.7 +1.0, WRA Warramunga Arr, comp=Z,2.0nm,0.6s,baz=321,slow=6.4,SNR=17, P, P, 12 35 13.7 +1.0, WRA Warramunga Arr, 67.65 129 P, P, 12 35 18.1 +5.4, WRAB Tennant Creek, 67.65 129 i/P, P, 12 35 18.1 +5.4, WRAB Tennant Creek, comp=Z,2.0nm,1.0s, pmax, pmax, 12 35 18.1 +5.4, WB2 Warramunga Arr, 67.66 129 P, P, 12 35 13.4 +0.6, WB2 Warramunga Arr, comp=Z,4.3nm,0.7s, Iamb, Iamb, 12 35 18.5, ASAR Alice Springs, 69.93 132 P, P, 12 35 28.1 +1.1, ASAR Alice Springs, comp=Z,1.9nm,0.8s,baz=313,slow=5.9,SNR=12, P, P, 12 35 28.1 +1.1, NEEM North Greenlan, 71.45 351 i/P, P, 12 35 38.0 +1.1, NEEM North Greenlan, 71.45 351 i/P, P, 12 35 36.6, ESDC Somasca Array, 71.77 306 P, P, 12 35 37.6 -0.4, ESDC Somasca Array, comp=Z,0.8nm,0.8s,baz=54,slow=9.6,SNR=5.1, P, P, 12 35 37.6 -0.4, EUNU Eureka, 71.99 358 Iamb, Iamb, 12 35 39.2 +0.5, EUNU Eureka, comp=Z,6.7nm,1.1s, Iamb, Iamb, 12 35 39.2 +0.5, SUMG Summit, 72.51 345 P, P, 12 35 43.2 +0.9, SUMG Summit, comp=Z,1.7nm,1.2s, pmax, pmax, 12 35 43.2 +0.9, SUMG Summit, 72.51 345 i/P, P, 12 35 42.9 +0.6, SUMG Summit, comp=Z,1.3nm,1.1s, Iamb, Iamb, 12 35 50.2, SUMG Summit, 72.51 345 P, P, 12 35 43.2 +0.9, ICESG Greenland IceS, 75.07 342 eP, P, 12 35 56.5 +0.4, ICESG Greenland IceS, comp=Z,3.3nm,4.4s, Iamb, Iamb, 12 35 56.5 +0.4, TOLK Toolk Lake Re, 75.71 18 P, P, 12 36 00.2 -0.4, IMAR Indian Mountain, 76.22 21 P, P, 12 36 03.9 -0.4, IMAR Indian Mountain, 76.22 21 P, P, 12 36 05.9 +0.9, COLD Coldfoot, 76.48 19 P, P, 12 36 07.7, COLD Coldfoot, comp=Z,7.0nm,1.0s, Iamb, Iamb, 12 36 07.7, H2IK Melozitna Rive, 76.73 21 P, P, 12 36 07.8 +1.4, H2IK Melozitna Rive, 76.73 21 P, P, 12 36 08.8, H2IK Melozitna Rive, comp=Z,7.2nm,1.0s, Iamb, Iamb, 12 36 12.9 +0.5, MLY Manly, 77.79 21 P, P, 12 36 15.0, MLY Manly, comp=Z,6.9nm,1.1s, Iamb, Iamb, 12 36 15.0, TORD Torodi Ar, 77.89 279 P, P, 12 36 16.1 +2.3, TORD Torodi Ar, comp=Z,2.9nm,0.9s,baz=53,slow=5.2,SNR=8.8, P, P, 12 36 15.2 +1.4, TORD Torodi Ar, 77.89 279 P, P, 12 36 15.2 +1.4, BMAR Burnett Mountain, 77.90 17 P, P, 12 36 14.6 +1.6, BMAR Burnett Mountain, 77.90 17 P, P, 12 36 13.9 +0.2, A36M Sachs Harbour, 78.06 9 P, P, 12 36 15.4, A36M Sachs Harbour, 78.06 9 P, P, 12 36 15.4, POKR Poker Plat Res, 78.76 20 Iamb, Iamb, 12 36 19.8, POKR Poker Plat Res, comp=Z,3.0nm,1.1s, Iamb, Iamb, 12 36 19.8, COLA College, 78.80 20 i/P, P, 12 36 17.6 -0.3, COLA College, comp=Z,6.0nm,1.1s, pmax, pmax, 12 36 17.6 -0.3, ILAR Eielson Array, 79.17 20 P, P, 12 36 19.9 -0.1, ILAR Eielson Array, comp=Z,2.2nm,0.8s,baz=293,slow=4.4,SNR=24, P, P, 12 36 19.9 -0.1, ILAR Inuvik, 79.17 20 P, P, 12 36 19.7 -0.3, ILAR Inuvik, 79.17 20 P, P, 12 36 23.6 +0.2, INK Inuvik, 79.17 20 P, P, 12 36 23.6 +0.2, INK Inuvik, comp=Z,4.0nm,1.0s, pmax, pmax, 12 36 23.6 +0.2, INK Inuvik, 79.82 14 P, P, 12 36 23.6 +0.2, INK Inuvik, comp=Z,4.0nm,1.0s, P, P, 12 36 23.6 +0.2

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Table with columns: DHRM DHARAMSHALA, 8.42 302 eP, Pn, 12 26 19.4 +1.7, 12 27 50.4 -2.4, KIRV Kirov, comp=Z,2.0nm,0.9s, pmax, pmax, 39.08 331ceP, P, 12 31 43.1 +0.9, 12 32 00.4 -0.4, NRIK Nori'sk, comp=Z,3.7nm,0.7s,baz=185,slow=5.8,SNR=5.8, LR, LR, 12 31 17.4, NRIK Nori'sk, comp=Z,1.28nm,19.9s,baz=182,slow=39, LR, LR, 12 32 01.5 +0.7, NRIK Nori'sk, 41.33 20eP, P, 12 32 01.3 +0.5, NRIK Nori'sk, 41.33 20eP, P, 12 32 08.1, KLR Kul'dur, comp=Z,1.1nm,1.1s, 41.53 46 i/P, P, 12 32 03.6 +0.9, KLR Kul'dur, comp=Z,1.0nm,1.6s, pmax, pmax, 12 32 03.6 +0.9, PRGR Permogore, 42.38 333 eP, P, 12 32 10.3 +0.8, PRGR Permogore, comp=Z,1.2nm,1.3s, pmax, pmax, 12 32 10.3 +0.8, MOS Moscow, 43.44 323 eP, P, 12 32 17.6 -0.6, MOS Moscow, 43.44 323 eP, P, 12 32 23.7, OBN Obninsk, 43.81 322 i/P, P, 12 32 21.4 +0.3, OBN Obninsk, 43.81 322 i/P, P, 12 32 27.1, OBN Obninsk, 43.81 322 i/P, P, 12 34 01.0, OBN Obninsk, comp=Z,1.4nm,1.1s, MLR, MLR, 12 32 26.7 -0.2, OBN Obninsk, comp=Z,1.2nm,1.3s, MLR, MLR, 12 32 26.7 -0.2, KLMR Klimovskoe, 44.54 330 eP, P, 12 32 26.7 -0.2, KLMR Klimovskoe, 44.54 330 eP, P, 12 32 34.1, KLMR Klimovskoe, comp=Z,2.5nm,1.4s, AMP, P, 12 32 34.1, KLMR Klimovskoe, comp=Z,2.5nm,1.4s, ePP, PP, 12 32 10.2 -0.5, KLMR Yakutsk, 44.94 28ceP, P, 12 32 29.1 -1.0, KLMR Yakutsk, 44.94 28ceP, P, 12 32 29.6 -0.5, YAK Yakup, 44.94 28eP, P, 12 32 29.1 -1.0, YAK Yakup, 47.11 129 LR, LR, 12 32 04.5 +0.2, AKASG Malin Array Be, 47.21 314 P, P, 12 32 47.8 -0.3, AKASG Malin Array Be, comp=Z,2.7nm,0.6s,baz=77,slow=7.7,SNR=8.4, P, P, 12 32 47.8 -0.3, AKASG Malin Array Be, 47.21 314 P, P, 12 32 47.8 -0.3, AKASG Malin Array Si, 47.21 314 P, P, 12 32 47.1 -1.1, AKASG Malin Array Si, 47.21 314 P, P, 12 32 47.1 -1.1, AKASG Malin Array Si, 47.21 314 P, P, 12 32 49.3, AKASG Malin Array Si, comp=Z,4.6nm,0.8s, P, P, 12 32 04.4 +1.3, MLR Muntele Rosu, 49.11 307 P, P, 12 33 02.9 -0.2, MLR Muntele Rosu, comp=Z,1.2nm,0.9s,baz=162,slow=2.9,SNR=11, P, P, 12 33 02.9 -0.2, MLR Tiksi, 49.83 17 P, P, 12 33 08.3 +0.3, MLR Tiksi, comp=Z,5.4nm,0.7s,baz=206,slow=4.6,SNR=6.6, P, P, 12 33 07.1 -0.9, TIXI Tiksi, 49.83 17 Iamb, Iamb, 12 33 09.3, TIXI Tiksi, comp=Z,8.0nm,0.8s, Iamb, Iamb, 12 33 09.3, VSU Vasula, 49.89 324 i/P, P, 12 33 10.4 +1.8, FINES FINESS Array B, 50.86 328 P, P, 12 33 16.0 +0.1, FINES FINESS Array B, comp=Z,3.5nm,0.5s,baz=105,slow=7.9,SNR=13, P, P, 12 33 16.2 +0.3, FINES FINESS Array B, 50.86 328 i/P, P, 12 33 16.2 +0.3, FINES FINESS Array B, comp=Z,7.0nm,0.8s, pmax, pmax, 12 33 14.3 -1.6, FINES ARCES Array B, 50.86 328 P, P, 12 33 35.0 +0.7, FINES ARCES Array B, comp=Z,4.3nm,0.7s,baz=92,slow=6.2,SNR=9.9, P, P, 12 33 34.4 +0.1, ARCES ARCES Array B, 53.34 338 P, P, 12 33 42.5 +2.2, ARCES ARCES Array B, 54.01 246 P, P, 12 33 42.5 +2.2, KMBO Klimba Mboago, comp=Z,1.5nm,0.5s,baz=41,slow=7.9,SNR=6.4, P, P, 12 33 45.5 +2.2, KMBO Klimba Mboago, 54.01 246 i/P, P, 12 33 45.5 +2.2, KMBO Klimba Mboago, comp=Z,2.0nm,0.5s, pmax, pmax, 12 33 43.5 +3.3, KMBO Klimba Mboago, 54.01 246 P, Iamb, Iamb, 12 33 45.9, KMBO Klimba Mboago, comp=Z,5.6nm,1.1s, Iamb, Iamb, 12 33 49.0 +0.9, SEY Seymchan, 55.24 31 P, P, 12 33 58.8 0.0, HFS Hagfors, 56.72 326 P, P, 12 34 02.6 -0.4, GERES GERES Array B, 57.25 312 P, P, 12 34 02.6 -0.4, GERES GERES Array B, 57.25 312 P, P, 12 34 02.6 -0.4, SAUI Saumiaki, 57.49 122 P, P, 12 34 04.4 -0.6, NB2 NORSA Subarra, 57.94 327 P, P, 12 34 07.1 -0.4, NB2 NORSA Subarra, 57.94 327 P, P, 12 34 07.1 -0.4, NOA NORSA Array B, 57.94 327 P, P, 12 34 06.5 -1.0, NOA NORSA Array B, comp=Z,1.7nm,0.8s,baz=90,slow=7.0,SNR=4.2, LR, LR, 13 00 31.8, NOA NORSA Array B, comp=Z,5.6nm,2.1s,baz=270,slow=3.8, LR, LR, 13 00 31.8, SPB2 Spitsbergen Ar, 58.31 347 P, P, 12 34 09.2 -0.6, BILL Bilbilino, 58.31 347 P, P, 12 34 27.5 -1.9, BILL Bilbilino, 58.31 347 P, P, 12 34 35.5, BILL Bilbilino, 58.31 347 P, P, 12 35 12.2, BILL Bilbilino, 58.31 347 P, P, 12 36 44.0, DGZ Jazator, Alta, 21.69 5 i/P, P, 12 29 06.4 0.0, DGZ Jazator, Alta, comp=Z,3.0nm,0.9s, pmax, pmax, 12 29 06.4 0.0, BELL Kesra, 63.05 298 P, P, 12 34 43.9 +1.0, BELL Kesra, comp=Z,5.0nm,0.8s,baz=99,slow=16,SNR=4.2, P, P, 12 34 49.1 +0.3, NOR Nord, 64.07 351 i/P, P, 12 34 55.1, NOR Nord, comp=Z,7.4nm,1.1s, Iamb, Iamb, 12 34 55.1, WRA Warramunga Arr, 67.65 129 P, P, 12 35 13.7 +1.0, WRA Warramunga Arr, comp=Z,2.0nm,0.6s,baz=321,slow=6.4,SNR=17, P, P, 12 35 13.7 +1.0, WRA Warramunga Arr, 67.65 129 P, P, 12 35 18.1 +5.4, WRAB Tennant Creek, 67.65 129 i/P, P, 12 35 18.1 +5.4, WRAB Tennant Creek, comp=Z,2.0nm,1.0s, pmax, pmax, 12 35 18.1 +5.4, WB2 Warramunga Arr, 67.66 129 P, P, 12 35 13.4 +0.6, WB2 Warramunga Arr, comp=Z,4.3nm,0.7s, Iamb, Iamb, 12 35 18.5, ASAR Alice Springs, 69.93 132 P, P, 12 35 28.1 +1.1, ASAR Alice Springs, comp=Z,1.9nm,0.8s,baz=313,slow=5.9,SNR=12, P, P, 12 35 28.1 +1.1, NEEM North Greenlan, 71.45 351 i/P, P, 12 35 38.0 +1.1, NEEM North Greenlan, 71.45 351 i/P, P, 12 35 36.6, ESDC Somasca Array, 71.77 306 P, P, 12 35 37.6 -0.4, ESDC Somasca Array, comp=Z,0.8nm,0.8s,baz=54,slow=9.6,SNR=5.1, P, P, 12 35 37.6 -0.4, EUNU Eureka, 71.99 358 Iamb, Iamb, 12 35 39.2 +0.5, EUNU Eureka, comp=Z,6.7nm,1.1s, Iamb, Iamb, 12 35 39.2 +0.5, SUMG Summit, 72.51 345 P, P, 12 35 43.2 +0.9, SUMG Summit, comp=Z,1.7nm,1.2s, pmax, pmax, 12 35 43.2 +0.9, SUMG Summit, 72.51 345 i/P, P, 12 35 42.9 +0.6, SUMG Summit, comp=Z,1.3nm,1.1s, Iamb, Iamb, 12 35 50.2, SUMG Summit, 72.51 345 P, P, 12 35 43.2 +0.9, ICESG Greenland IceS, 75.07 342 eP, P, 12 35 56.5 +0.4, ICESG Greenland IceS, comp=Z,3.3nm,4.4s, Iamb, Iamb, 12 35 56.5 +0.4, TOLK Toolk Lake Re, 75.71 18 P, P, 12 36 00.2 -0.4, IMAR Indian Mountain, 76.22 21 P, P, 12 36 03.9 -0.4, IMAR Indian Mountain, 76.22 21 P, P, 12 36 05.9 +0.9, COLD Coldfoot, 76.48 19 P, P, 12 36 07.7, COLD Coldfoot, comp=Z,7.0nm,1.0s, Iamb, Iamb, 12 36 07.7, H2IK Melozitna Rive, 76.73 21 P, P, 12 36 07.8 +1.4, H2IK Melozitna Rive, 76.73 21 P, P, 12 36 08.8, H2IK Melozitna Rive, comp=Z,7.2nm,1.0s, Iamb, Iamb, 12 36 12.9 +0.5, MLY Manly, 77.79 21 P, P, 12 36 15.0, MLY Manly, comp=Z,6.9nm,1.1s, Iamb, Iamb, 12 36 15.0, TORD Torodi Ar, 77.89 279 P, P, 12 36 16.1 +2.3, TORD Torodi Ar, comp=Z,2.9nm,0.9s,baz=53,slow=5.2,SNR=8.8, P, P, 12 36 15.2 +1.4, TORD Torodi Ar, 77.89 279 P, P, 12 36 15.2 +1.4, BMAR Burnett Mountain, 77.90 17 P, P, 12 36 14.6 +1.6, BMAR Burnett Mountain, 77.90 17 P, P, 12 36 13.9 +0.2, A36M Sachs Harbour, 78.06 9 P, P, 12 36 15.4, A36M Sachs Harbour, 78.06 9 P, P, 12 36 15.4, POKR Poker Plat Res, 78.76 20 Iamb, Iamb, 12 36 19.8, POKR Poker Plat Res, comp=Z,3.0nm,1.1s, Iamb, Iamb, 12 36 19.8, COLA College, 78.80 20 i/P, P, 12 36 17.6 -0.3, COLA College, comp=Z,6.0nm,1.1s, pmax, pmax, 12 36 17.6 -0.3, ILAR Eielson Array, 79.17 20 P, P, 12 36 19.9 -0.1, ILAR Eielson Array, comp=Z,2.2nm,0.8s,baz=293,slow=4.4,SNR=24, P, P, 12 36 19.9 -0.1, ILAR Inuvik, 79.17 20 P, P, 12 36 19.7 -0.3, ILAR Inuvik, 79.17 20 P, P, 12 36 23.6 +0.2, INK Inuvik, 79.17 20 P, P, 12 36 23.6 +0.2, INK Inuvik, comp=Z,4.0nm,1.0s, pmax, pmax, 12 36 23.6 +0.2, INK Inuvik, 79.82 14 P, P, 12 36 23.6 +0.2, INK Inuvik, comp=Z,4.0nm,1.0s, P, P, 12 36 23.6 +0.2

1490

Table with columns: DHRM DHARAMSHALA, 8.42 302 eP, Pn, 12 26 19.4 +1.7, 12 27 50.4 -2.4, KIRV Kirov, comp=Z,2.0nm,0.9s, pmax, pmax, 39.08 331ceP, P, 12 31 43.1 +0.9, 12 32 00.4 -0.4, NRIK Nori'sk, comp=Z,3.7nm,0.7s,baz=185,slow=5.8,SNR=5.8, LR, LR, 12 31 17.4, NRIK Nori'sk, comp=Z,1.28nm,19.9s,baz=182,slow=39, LR, LR, 12 32 01.5 +0.7, NRIK Nori'sk, 41.33 20eP, P, 12 32 01.3 +0.5, NRIK Nori'sk, 41.33 20eP, P, 12 32 08.1, KLR Kul'dur, comp=Z,1.1nm,1.1s, 41.53 46 i/P, P, 12 32 03.6 +0.9, KLR Kul'dur, comp=Z,1.0nm,1.6s, pmax, pmax, 12 32 03.6 +0.9, PRGR Permogore, 42.38 333 eP, P, 12 32 10.3 +0.8, PRGR Permogore, comp=Z,1.2nm,1.3s, pmax, pmax, 12 32 10.3 +0.8, MOS Moscow, 43.44 323 eP, P, 12 32 17.6 -0.6, MOS Moscow, 43.44 323 eP, P, 12 32 23.7, OBN Obninsk, 43.81 322 i/P, P, 12 32 21.4 +0.3, OBN Obninsk, 43.81 322 i/P, P, 12 32 27.1, OBN Obninsk, 43.81 322 i/P, P, 12 34 01.0, OBN Obninsk, comp=Z,1.4nm,1.1s, MLR, MLR, 12 32 26.7 -0.2, OBN Obninsk, comp=Z,1.2nm,1.3s, MLR, MLR, 12 32 26.7 -0.2, KLMR Klimovskoe, 44.54 330 eP, P, 12 32 26.7 -0.2, KLMR Klimovskoe, 44.54 330 eP, P, 12 32 34.1, KLMR Klimovskoe, comp=Z,2.5nm,1.4s, AMP, P, 12 32 34.1, KLMR Klimovskoe, comp=Z,2.5nm,1.4s, ePP, PP, 12 32 10.2 -0.5, KLMR Yakutsk, 44.94 28ceP, P, 12 32 29.1 -1.0, KLMR Yakutsk, 44.94 28ceP, P, 12 32 29.6 -0.5, YAK Yakup, 44.94 28eP, P, 12 32 29.1 -1.0, YAK Yakup, 47.11 129 LR, LR, 12 32 04.5 +0.2, AKASG Malin Array Be, 47.21 314 P, P, 12 32 47.8 -0.3, AKASG Malin Array Be, comp=Z,2.7nm,0.6s,baz=77,slow=7.7,SNR=8.4, P, P, 12 32 47.8 -0.3, AKASG Malin Array Be, 47.21 314 P, P, 12 32 47.8 -0.3, AKASG Malin Array Si, 47.21 314 P, P, 12 32 47.1 -1.1, AKASG Malin Array Si, 47.21 314 P, P, 12 32 47.1 -1.1, AKASG Malin Array Si, 47.21 314 P, P, 12 32 49.3, AKASG Malin Array Si, comp=Z,4.6nm,0.8s, P, P, 12 32 04.4 +1.3, MLR Muntele Rosu, 49.11 307 P, P, 12 33 02.9 -0.2, MLR Muntele Rosu, comp=Z,1.2nm,0.9s,baz=162,slow=2.9,SNR=11, P, P, 12 33 02.9 -0.2, MLR Tiksi, 49.83 17 P, P, 12 33 08.3 +0.3, MLR Tiksi, comp=Z,5.4nm,0.7s,baz=206,slow=4.6,SNR=6.6, P, P, 12 33 07.1 -0.9, TIXI Tiksi, 49.83 17 Iamb, Iamb, 12 33 09.3, TIXI Tiksi, comp=Z,8.0nm,0.8s, Iamb, Iamb, 12 33 09.3, VSU Vasula, 49.89 324 i/P, P, 12 33 10.4 +1.8, FINES FINESS Array B, 50.86 328 P, P, 12 33 16.0 +0.1, FINES FINESS Array B, comp=Z,3.5nm,0.5s,baz=105,slow=7.9,SNR=13, P, P, 12 33 16.2 +0.3, FINES FINESS Array B, 50.86 328 i/P, P, 12 33 16.2 +0.3, FINES FINESS Array B, comp=Z,7.0nm,0.8s, pmax, pmax, 12 33 14.3 -1.6, FINES ARCES Array B, 50.86 328 P, P, 12 33 35.0 +0.7, FINES ARCES Array B, comp=Z,4.3nm,0.7s,baz=92,slow=6.2,SNR=9.9, P, P, 12 33 34.4 +0.1, ARCES ARCES Array B, 53.34 338 P, P, 12 33 42.5 +2.2, ARCES ARCES Array B, 54.01 246 P, P, 12 33 42.5 +2.2, KMBO Klimba Mboago, comp=Z,1.5nm,0.5s,baz=41,slow=7.9,SNR=6.4, P, P, 12 33 45.5 +2.2, KMBO Klimba Mboago, 54.01 246 i/P, P, 12 33 45.5 +2.2, KMBO Klimba Mboago, comp=Z,2.0nm,0.5s, pmax, pmax, 12 33 43.5 +3.3, KMBO Klimba Mboago, 54.01 246 P, Iamb, Iamb, 12 33 45.9, KMBO Klimba Mboago, comp=Z,5.6nm,1.1s, Iamb, Iamb, 12

1495

Table with columns: Station, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KDJ, SEW, M22K, MDOK, etc.

2015 NOV

Table with columns: Station, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NEA2, DHRM, I23K, etc.

24d 13h

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

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Kingsbay, Callahan, Wreka Blue Hor, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KLMR, SHME, SHME, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KTK1, Little Huntoon, Kaiserville, etc.

24d 14h

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

IDC 24 14:07:01.8,2.3,6.31S, 129.30E, h193km, 27km, mb2.9/2, mb1 3.2/6, mb1mx2.8/46, mbtmp3.6/6, Error ellipse: s-maj=49.4km s-min=14.0km az=80.0

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

EAF 24 14:13:02.3, 1.9, 2.6:03S, 29.94E, h10km, MD3.7

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

IDC 24 14:15:38.3, 1.8, 7.70S, 127.96E, h181km, 21km, mb3.4/4, mb1 3.7/8, mb1mx3.3/40, mbtmp4.1/8, MS3.1/1, Ms1 3.1/1, ms1mx2.4/24, Error ellipse: s-maj=31.0km s-min=20.3km az=103.0

NEIC 24 14:15:39.1, 1.9, 7.56S, 0.09, 127.85E, 0.09, h168km, 8km, mb4.1/1, Error ellipse: s-maj=13.2km s-min=11.8km az=142.0

DJA 24 14:15:39.3, 0.2, 8.3, 12.9E, h157km, 6km, M4.3/12, mb3.4/8, mb4.2/12, MLv4.5/12, MWMB3.1/5

ISC 24 14:15:40.1, 0.6, 7.78S, 0.06, 127.84E, 0.05, h200km, n54, e2352.58, mb3.9/10, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like SAUI, SOEI, AAI, BATI, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA, WBA, PSA00, etc.

IDC 24 14:38:04.6, 15.0, 1.21N, 127.16E, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.6/48, mbtmp3.9/4, ML3.3/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/41, Error ellipse: s-maj=241.1km s-min=62.3km az=163.0

DJA 24 14:38:10.6, 0.3, 1.1N, 3.12E, h10km, M4.0/10, mb4.6/2, MLv3.6/10

NEIC 24 14:38:12.7, 0.9, 0.7N, 0.2, 127.4E, 0.1, h14km, 6km, mb4.1/8, Error ellipse: s-maj=25.9km s-min=12.4km az=208.0

ISC 24 14:38:11.3, 1.9, 0.8N, 0.1, 127.53E, 0.09, h10km, 10km, n25, e098/28, mb3.9/7, Halmahera

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

IDC 24 14:38:04.6, 15.0, 1.21N, 127.16E, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.6/48, mbtmp3.9/4, ML3.3/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/41, Error ellipse: s-maj=241.1km s-min=62.3km az=163.0

DJA 24 14:38:10.6, 0.3, 1.1N, 3.12E, h10km, M4.0/10, mb4.6/2, MLv3.6/10

NEIC 24 14:38:12.7, 0.9, 0.7N, 0.2, 127.4E, 0.1, h14km, 6km, mb4.1/8, Error ellipse: s-maj=25.9km s-min=12.4km az=208.0

ISC 24 14:38:11.3, 1.9, 0.8N, 0.1, 127.53E, 0.09, h10km, 10km, n25, e098/28, mb3.9/7, Halmahera

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

1502

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

IDC 24 14:45:51.8, 0.7, 40.26N, 73.29E, h0km, mb4.0/16, mb1 4.1/24, mb1mx3.9/64, mbtmp4.0/24, ML3.3/8, MS3.2/1, Ms1 3.2/1, ms1mx2.5/50, Error ellipse: s-maj=12.6km s-min=9.9km az=111.0

MOS 24 14:45:53.3, 1.8, 40.38N, 73.19E, h13km, mb4.4/10, Error ellipse: s-maj=7.1km s-min=4.5km az=69.8

MOS Felt (I-V) at Chaychi, Alga-Bas; (IV) at Kara-Shoro, Gul'cha, Toguz-Gulak, Kurack; (III-IV) at Osh.

NEIC 24 14:45:54.1, 1.2, 40.41N, 0.04, 73.18E, 0.06, h10km, 1km, mb4.6/4, Error ellipse: s-maj=8.2km s-min=6.7km az=62.0

KRNET 24 14:45:55.8, 0.1, 40.41N, 73.25E, h19km, mb4.6 NNC 24 14:45:57.0, 1.4, 40.54N, 73.28E, h6km, 8km, mb4.9, mpv4.6, Error ellipse: s-maj=11.2km s-min=5.2km az=176.0

BUI 24 14:45:57.0, 0.4, 40.74N, 73.65E, h15km, mb4.5/3, mb4.0/7, ML4.6/3, Ms4.1/1, Ms7.3/7

SOME 24 14:45:57.0, 0.4, 40.53N, 73.37E, h5km, MS3.6

ISC 24 14:45:53.3, 1.1, 40.42N, 0.03, 73.30E, 0.02, h4km, 7km, n238, e190/300, mb4.4, 44C, 44C-26D, Kyrgyzstan

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

1503

Table with columns: DRK, Karamyk, 1.48 231, P, Pg, 14 46 22.6 +0.9, MTBS, Maitube, 3.58 40, Pg, 14 47 01.4 -0.6, UZB, Uzynbulak, 5.08 56, ePN, Pn, 14 47 09.4 -0.9

2015 NOV

Table with columns: DRK, Karamyk, 1.48 231, P, Pg, 14 46 22.6 +0.9, MTBS, Maitube, 3.58 40, Pg, 14 47 01.4 -0.6, UZB, Uzynbulak, 5.08 56, ePN, Pn, 14 47 09.4 -0.9

24d 14h

Table with columns: UZB, Uzynbulak, 5.08 56, ePN, Pn, 14 47 09.4 -0.9, UZB, Uzynbulak, 5.08 56, Pg, 14 47 28.1 -2.5, UZB, Shalkode, 5.36 57, eP, Pg, 14 47 39.0 +3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCH, JNBK, JKB, JOT, etc.

INET 24 17:23:55.8, 10.01N;84.22W, h78km, MW3.5
UCR 24 17:23:58.6, 1.1, 10.16N;84.13W, h90km, 2km, MW4.2

UPA 24 17:23:59.6, 3.1, 10.19N;84.04W, h10km, 50km, MW3.9
ISC 24 17:24:00.0, 1.0, 10.20N;84.13W, h10km, 0.04, h61km, 7.20000"

n58, c0597174, 18C-22D, Costa Rica
Fault plane solution: Np1=141.09000", 551.557000", 7.22000"

Main table for station 1505, listing codes, station names, and seismic data.

DCJ 24 17:26:27.9, 1.9, 34.81N;138.40E, h0km, mb3.4/2, mb1.3/6.2, mb1mx3.2/29, mbtmp3.4/2, Error ellipse:

s-maj=80.7km s-min=21.4km az=86.0
JMC 24 17:26:31.0, 1.0, 35.61N;140.00E, h65km, 2km, M2.9

ISC 24 17:26:31.0, 1.0, 35.61N;140.00E, h75km, 8km, n16, c108/27, Near east coast of eastern Honshu

Table for station 1506, listing codes, station names, and seismic data.

NOU 24 17:39:08.2, 19.41S;169.19E, h156km, MLV3.2/6, Vanuatu Islands, Vanuatu Islands

Table for station 1507, listing codes, station names, and seismic data.

DCJ 24 17:47:36.1, 0.8, 1.42N;31.04E, h0km, mb3.7/5, mb1.3/8.7, mb1mx3.6/33, mbtmp3.7/7, ML4.3/3, MS3.2/6, Mst 3.1/6, ms1mx2.9/36, Error ellipse: s-maj=19.5km s-min=12.0km az=92.0

NEIC 24 17:47:39.3, 0.1, 1.46N;0.08;31.08E;0.08, h10km, 1km, mb4.2/4, Error ellipse: s-maj=16.9km s-min=9.2km az=310.0

EAF 24 17:47:39.6, 3.8, 1.34N;31.02E, h0km, 107km, MD3.5
ISC 24 17:47:37.4, 0.7, 1.41N;0.05;31.07E;0.05, h10km, n24, c189/30, mb4.0/7, MS3.1/4, Uganda

Table for station 1508, listing codes, station names, and seismic data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIL, MBAR, MBAR, MBAR, etc.

MBAR comp=2.332nm, 19.4s, baz=358, slow=47
MBAR Mbarara 2.03 189 Pn
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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include N53A, S39A, S39A, M53A, M53A, etc.

SDCO Great Sand Dun 57.98 328 P
DRLN Deer Lake 60.91 10 P
PDAR Pinedale Array 63.79 329 P

PDAR Pinedale Array 63.79 329 P
DLB Dimbokro 68.18 78 P

DLB Dimbokro 68.18 78 P
GDM Pearl Lake 68.78 328 P

GDM Pearl Lake 68.78 328 P
BMO Blue Mountains 69.27 327 P

BMO Blue Mountains 69.27 327 P
SNA Sanae 73.11 162 P

SNA Sanae 73.11 162 P
TORD Torodi Arr. Be 76.05 74 P

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ATH 24 18:15:59.1, 38.37N;20.45E, h13km, 1km, ML2.8/10, Error ellipse: s-maj=2.2km s-min=0.6km az=278.0

THE 24 18:15:59.2, 38.37N;20.45E, h11km, 1km, ML2.78, Error ellipse: s-maj=1.2km s-min=0.3km az=269.0

ISC 24 18:15:58.6, 0.8, 38.37N;20.02;20.43E;0.03, h16km, 5km, n52, c05618/0, Greece

Table for station 1509, listing codes, station names, and seismic data.

Table for station 1510, listing codes, station names, and seismic data.

Table for station 1511, listing codes, station names, and seismic data.

Table for station 1512, listing codes, station names, and seismic data.

Table for station 1513, listing codes, station names, and seismic data.

Table for station 1514, listing codes, station names, and seismic data.

Table for station 1515, listing codes, station names, and seismic data.

Table for station 1516, listing codes, station names, and seismic data.

Table for station 1517, listing codes, station names, and seismic data.

Table for station 1518, listing codes, station names, and seismic data.

Table for station 1519, listing codes, station names, and seismic data.

Table for station 1520, listing codes, station names, and seismic data.

Table for station 1521, listing codes, station names, and seismic data.

Table for station 1522, listing codes, station names, and seismic data.

Table for station 1523, listing codes, station names, and seismic data.

Table for station 1524, listing codes, station names, and seismic data.

Table for station 1525, listing codes, station names, and seismic data.

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Table for station 1527, listing codes, station names, and seismic data.

Table for station 1528, listing codes, station names, and seismic data.

Table for station 1529, listing codes, station names, and seismic data.

24d 20h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like BURAR Bucovina Array, CFR Caraliu, KOLS Kolonice sedl, etc.

NOU 24 19:45:09.3,38.34S:175.68E,h218km,MLV3.6/8, North Island, New Zealand
WEL 24 19:45:14.4,0.9,38.5S:176.1E,h175km,7km,M2.9/37, s-min=5.7,MLV2.9/37, Error ellipse: s-maj=0.0km s-min=0.0km az=160.8, North Island

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Lists numerous stations including RATZ Rangitukia, KATZ Kakarama, RITZ Rihia Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like JDC 24 19:55:44.6,0.2,31.35N:138.58E,h420km,M3.4, etc.

2015 NOV

Table with columns: J/TCN, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like Tanabenahech, JWCY Kouya, BSO1 Boso 1, etc.

IDC 24 20:13:53.7,12.0,21.90S:179.44W,h0km,mb3.9/3, mb1 3.9/5, mb1mx3.5/30, mbtmp3.9/3, Error ellipse: s-maj=425.5km s-min=91.4km az=140.0, Fiji Islands

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

IDC 24 20:18:20.5,1.9,3.12S:130.69E,h0km,mb3.7/4, mb1 3.9/5, mb1mx3.5/31, mbtmp3.7/5, ML3.6/1, Error ellipse: s-maj=96.0km s-min=24.4km az=70.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like FAKI Fak Fak, MASOI Masoii, etc.

IDC 24 20:18:22.9,0.9,3.1S:130.1E,h130.76E:0.05,h10km,n11, s=243/10,mb3.6/3, Seram

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

DJA 24 20:23:07.9,0.3,7.3S:3.10E, h10km,M4.4/16,mb4.3/7, mb5.5/1,MLV4.4/16,MB(W)5.0/1

IDC 24 20:19:02.1,0.1,2.1,6.56S:105.06E,h53km,16km,mb3.8/18, mb1 4.0/19, mb1mx3.8/35, mbtmp4.1/19, ML5.0/2, MS3.3/5, Ms1 3.3/5, ms1mx2.9/45, Error ellipse: s-maj=20.5km s-min=9.3km az=37.0

NEIC 24 20:15:12.0,1.3,6.59S:0.08:105.13E:0.09,h65km,5km, mb4.5/15, Error ellipse: s-maj=15.3km s-min=7.3km az=51.0

IDC 24 20:23:09.3,0.5,6.75S:0.07:105.00E:0.05,h49km,n91, s=160/87,mb4.5/36,MS3.1/4, Sunda Strait

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like SB/JJ Serang, KASH Kota Agung, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like SBUJ Sibiu, ED/FE Ende, Flores, etc.

1508

Table with columns: FITZ, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like Fitzroy Crossi, FITZ Alice Springs, etc.

IDC 24 20:32:55.8,1.3,12.62N:87.71W,h0km,mb4.0/8, mb1 4.2/10, mb1mx3.9/35, mbtmp3.9/10, ML3.3/2, MS3.0/4, Ms1 3.0/4, ms1mx2.8/35, Error ellipse: s-maj=37.7km s-min=22.2km az=54.0

INET 24 20:32:56.9,12.44N:88.26W,h19km,MW3.9 SNET 24 20:33:04.7,1.1,12.57N:88.26W,h37km,4km,ML4.4 UCR 24 20:33:04.6,1.6,12.56N:88.26W,h38km,93km,ML4.3

NEIC 24 20:33:06.6,1.6,12.65N:0.07:88.01W:0.07,h75km,8km, mb4.3/48,MD4.4(SNET), Error ellipse: s-maj=12.3km s-min=7.2km az=219.0

IDC 24 20:33:04.1,0.9,12.58N:0.05:88.18W:0.04,h63km,8km, n154, s=112/176,mb4.3/31,6C-14D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like JUCU Jucuarin, CNCH Conchagua, etc.

24d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PCAS Casimiro, COI Coimbra, and various other regional stations.

2015 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BNI Bardonecchia, BOSA Boshof, and various other regional stations.

1510

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like APE Apeiranthos, LVC Limon Verde, and various other regional stations.

1511

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CLL, Colim, PVCC, BRG, JAVC, etc.

2015 NOV

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

24d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RIMA, RIMA, CBN, JSRW, SIRT, GURU, etc.

24d 20h

Table with columns for station call letters, frequency, and various signal quality metrics (eP, I, P, LR, etc.). Includes stations like ICESG, W52L, TKL, VNA1, etc.

2015 NOV

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like L44A, SIUC, S44A, UOSS, etc.

1512

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like ARU, ARU, WMOK, WMOK, etc.

24d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MIPR, ASAK, MTRV, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like BMAR, BKAR, NRK, etc.

1514

Table with columns for station name, frequency, power, and other technical details. Includes stations like P18K, KOSA, MAW, etc.

NEIC 24.21:01.31.7e.1.4.20.25S.0.1x1.177.5W.0.1, h510km,6km, mb4.3/39. Error ellipse: s-maj=18.6km s-min=15.7km az=133.0

NEIC 24.1:14.29.5f.1.7.23.22S.0.0m-0.7m-67.1W.0.1, h215km,14km, Error ellipse: s-maj=15.0km s-min=9.8km az=83.0

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like MSVF, NIUE, AFI, etc.

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like LVC, PB15, PB06, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ITRB Iurama, ARAG Araguaia, CLDB Caldeia, etc.

NOU 24 21:15:02.5, 14:06S; 167.30E, h154km, mb5.1/41, Vanuatu Islands

IDC 24 21:15:03.3, 13.14, 40S; 167.31E, h144km, 10km, mb4.4/33, mb1.4/36, mb1mx4.3/57, mbtmp4.8/36, MS3.2/1, Ms1.3/2.1, ms1mx2.7/39, Error ellipse: s-maj=12.1km

NEIC 24 21:15:05.0, 1.7, 14, 40S; 167.20E; 0.09, h151km, 5km, mb4.8/55, Error ellipse: s-maj=13.4km s-min=11.4km az=69.0

ISC 24 21:15:04.1, 0.3, 14, 38S; 0.05, 167.22E; 0.06, h150km, n226, s1912/234, mb4.9/93, 5C-3D, Vanuatu Islands

Main table of station data for 2015 NOV, columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, SANVU Saraoutou, SANVU Saraoutou, etc.

Main table of station data for 2015 NOV, columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, FAKI Fak Fak, FAKI Fak Fak, etc.

Table of station data for 24d 21h, columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HHC comp=E,590nm,19.3s, HHC comp=E,590nm,19.3s, HHC comp=E,590nm,19.3s, etc.

IDC 24 21:19:54.8, 0.7, 31.92S; 72.10W, h0km, mb4.4/9, mb1.4/31, mb1mx4.1/35, mbtmp4.2/13, ML3.8/4, MS3.6/1, Ms1.3/1, ms1mx3.2/17, Error ellipse: s-maj=25.0km

VAO 24 21:19:55.0, 0.4, 31.91S; 72.17W, h10km, mb4.5, NEIC 24 21:19:56.1, 2.4, 31.87S; 0.03, 72.20W, 0.08, h10km, 1km, mb4.6/22, ML4.4(GUC), Error ellipse: s-maj=11.5km

GUC 24 21:19:56.0, 0.7, 31.86S; 72.21W, h34km, 2km, ML4.4, ISC 24 21:19:55.3, 1.9, 31.87S; 0.03, 72.22W, 0.06, h6km, 11km, s-min=18.7km

Table of station data for Chile, columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VA06 Catapilco, VA06 Catapilco, VA06 Catapilco, etc.

24d 22h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Fray Jorge, El Roble, Curacav, San Esteban, etc.

2015 NOV

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Pedro Velho, El Apazole, Neumayer Olymp, etc.

1516

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like IPOC Station P, Aoudauna, Ponta de Pedra, etc.

THE 24 21:46:50.2,38.73N-20.60E, h6km±1km, ML2.0/1, Error ellipse: s-maj=1.6km s-min=0.4km az=51.0, Greece

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Dragano-Lefkad, Lefkada island, Nydri-Lefkada, etc.

ATH 24 21:47:36.0,38.47N-20.48E, h14km±2km, ML1.5/1, Error ellipse: s-maj=3.8km s-min=0.7km az=111.0, Greece

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Fiskardo, Livadi, Kephall, etc.

SKHL 24 21:59:13.1±0.2, 43.60N±147.70E, h40km±5km, mb4.4/2 JMA 24 21:59:13.0±0.3, 43.53N±147.58E, h34km, M3.5

ISC 24 21:59:11.9±2.7, 43.56N±147.7E±0.1, h45km±n15, KUR12/25, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Yuzh-Kuril'sk, Nemuro-2, Nemuro-Hokkai, etc.

TAP 24 22:12:08.7, 24.52N-122.46E, h9km, ML3.0, M2.4 JMA 24 22:12:09.4, 24.45N-122.52E, h23km±1km, M2.4

ISC 24 22:12:08.9±0.9, 24.49N±102.122.50E±0.02, h16km±8km, n67, ±0.55/125, 01, Taiwan region

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Yonagunijimaku, Yonaguni jima, etc.

1519

Table with columns: Station, City, Time, and other details. Includes stations like PEL, Deidehue, MT02, BRU2, etc.

2015 NOV

Table with columns: Station, City, Time, and other details. Includes stations like LAPC, SSV, GBA1, etc.

24d 22h

Table with columns: Station, City, Time, and other details. Includes stations like SMRT, ALJI, DUB01, etc.

24d 22h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like COYC Coyhaique, SOR Soroa, and various other stations.

2015 NOV

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Z41A Richland Creek, Z41A tazewell, and various other stations.

1520

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like O53A New Philadelphia, O53A Miami Univ., and various other stations.

24d 22h

Table with columns: Call Sign, Name, Comp, Freq, Power, Mode, and other details. Includes entries like DLMT Dillon, VCNR Virginia City, PAHR Pat Rah Range, etc.

2015 NOV

Table with columns: Call Sign, Name, Comp, Freq, Power, Mode, and other details. Includes entries like E07A Sunnyside, H04A Detroit Lake, HOOD Mount Hood Mea, etc.

1522

Table with columns: Call Sign, Name, Comp, Freq, Power, Mode, and other details. Includes entries like PMAFR, PMAFL, PNCL, PNCF, etc.

PBRG	comp=Z,4um,1.7s	epP	P	22 58 43.6	-1.5		
PBRG		eS	P	23 05 48.3	+2.0		
GOG	Mont Gurugu	78.63	51	P	22 56 40.0	+1.2	
JBK	JBK	78.63	52	P	22 56 40.0	+1.0	
SFJD	Kangerlussuaq	78.61	8	P	22 56 37.6	+1.3	
SFJD				*pp	pP	22 58 45.4	-0.5
SFJD	comp=Z,2um,1.0s						
SFJD	Kangerlussuaq	78.81	8	P	P	22 56 37.5	-1.3
SFJD						22 56 44.8	
SFJD	comp=Z,346nm,0.7s						
SFJD	Kangerlussuaq	78.81	8	P	P	22 56 37.2	-1.7
SFJD	Kangerlussuaq	78.81	8		P	22 56 37.6	+1.3
SFJD						22 58 45.4	+0.5
SFJD						22 56 40.0	+1.1
FIGU	Figigu	78.89	54	pP	P	22 56 42.0	+1.6
TAF	Tafarot	78.93	51	P	P	22 56 42.0	+1.6
DY2G	Dye2	78.99	10	P	P	22 56 39.5	-0.7
DY2G						22 56 47.1	
CHAS	comp=Z,28um,2.3s						
CHAS	Isla Isabel II	79.05	51	P	P	22 56 41.0	+0.1
CHAS						23 06 00.5	+9.0
PAB	San Pablo	79.29	46	P	S	22 56 43.0	+0.8
PAB						22 56 43.0	+0.8
PAB	comp=Z,3um,1.5s						
PAB	San Pablo	79.29	46	P	P	22 56 42.9	+0.8
PAB	San Pablo	79.29	46	P	P	22 56 43.0	+0.8
PAB	San Pablo	79.29	46	P	P	22 56 43.4	+1.2
PAB	Bella Bella	79.40	328	P	P	22 56 42.5	+0.2
BBB						22 56 48.7	+0.8
BBB	Bella Bella	79.40	328	P	P	22 56 42.8	+0.4
BBB						22 56 53.0	
QSPA	comp=Z,4um,1.1s						
QSPA	South Pole Qui	79.51	180	PKPPKP	P	23 03 27.6	
QSPA	comp=Z,163nm,1.0s,baz=339,slo=1.9,SNR=9.5						
QSPA	South Pole Qui	79.51	180	pP	P	22 56 43.6	+0.7
ESDC	Sonsec Array	79.61	46	P	P	22 56 44.8	+0.9
ESDC	comp=Z,683nm,0.9s,baz=252,slo=4.6,SNR=268						
ESDC						22 58 50.9	-0.3
ESDC	comp=Z,713nm,1.3s,baz=254,slo=4.6,SNR=6.5						
ESDC						23 15 26.8	-0.8
ESDC	comp=Z,13nm,0.8s,baz=42,slo=2.4,SNR=7.3						
ESDC						23 23 19.9	-1.0
ESDC	comp=Z,36nm,1.1s,baz=59,slo=2.4,SNR=5.2						
ESDC	Sonsec Array	79.61	46	P	P	22 56 44.4	+0.6
ESDC						22 56 48.6	
ESDC	comp=Z,6um,1.8s						
ESDC	Sonsec Array	79.61	46	P	pP	22 58 50.9	-0.3
ESDB						22 56 44.8	+0.9
ESDB						22 56 48.6	
ANGG	comp=Z,7um,1.9s						
ANGG	Ammassalik, Gr	79.95	13	P	P	22 56 44.0	-0.8
ANGG						22 56 47.9	
ANGG	comp=Z,632nm,0.7s						
ANGG	Ammassalik, Gr	79.95	13	P	P	22 56 43.8	-1.1
ANGG	Ammassalik, Gr	79.95	13	P	P	22 56 44.1	-0.8
ANGG						22 58 51.6	-0.8
YKA	Yellowknife Ar	80.33	341	pP	P	22 56 47.0	+0.1
YKA	comp=Z,3um,0.8s,baz=127,slo=6.3,SNR=2118						
YKA						22 58 53.7	-0.9
YKA	comp=Z,165nm,0.8s,baz=127,slo=6.5,SNR=5.3						
YKA						23 15 24.5	-2.5
YKA	comp=Z,21nm,0.6s,baz=70,slo=8.4,SNR=10						
YKA						23 23 10.1	-1.6
YKA	comp=Z,24nm,0.9s,baz=327,slo=1.5,SNR=4.6						
YKA	Yellowknife Ar	80.33	341	P	P	22 56 46.2	-0.7
YKA						22 56 52.5	-2.0
YKA						22 56 56.0	+3.2
YKA						22 56 47.9	+0.1
YKA						22 56 50.9	+2.2
YKA						22 56 56.0	+1.8
YKA						22 56 57.0	+2.4
YKA						22 56 58.2	+1.1
YKA						22 56 57.8	-0.5
YKA						22 57 02.0	
YKA	comp=Z,2um,1.0s						
YKA	Greenland Ices	82.49	11	P	P	22 56 57.4	-0.9
YKA						22 56 57.4	-0.9
YKA						22 56 59.0	-0.5
YKA						22 57 20.1	
CCAI	comp=Z,188nm,0.9s						
CCAI	Carmenellis	83.13	36	eP	P	22 57 01.5	+0.1
CRAG	Craig	83.64	330	P	P	22 57 03.8	0.0
CRAG						22 57 02.9	-0.9
CRAG						22 57 03.4	-0.4
CRAG						22 57 13.4	+1.0
DLBC	Dease Lake	83.69	333	Iamb	Iamb	22 57 08.8	
UPNV	comp=Z,2um,0.9s						
UPNV	Upernavik	83.78	4	P	P	22 57 03.5	-0.7
UPNV						22 57 10.0	
BORG	comp=Z,298nm,0.9s						
BORG	Borgarnes	83.81	19	PKKPbc	PKKPbc	23 15 17.8	-1.2
BORG						22 57 05.8	+1.4
BORG						22 59 14.0	+0.4
BORG						22 57 13.5	
BORG	comp=Z,4um,1.1s						
BORG	Borgarnes	83.81	19	P	P	22 57 05.8	+1.4
BORG						22 57 13.5	
BORG	comp=Z,4um,1.1s						
BORG	WRigley	83.82	339	pP	pP	22 59 13.9	+0.4
BORG						22 57 04.5	0.0
DSB	Dublin	83.83	33	P	P	22 57 04.4	-0.5
DSB	Dublin	83.83	33	-0.5	P	22 57 04.3	-0.5
HTL	Hartland	83.90	36	eP	P	22 57 05.2	0.0
DYA	Yadsworth	83.99	36	eP	P	22 57 05.1	-0.6
WTLY	Watson Lake, Y	84.06	335	P	P	22 57 06.2	+0.3
WTLY						22 57 06.1	-0.4
RSBS	Rosebush, Pemb	84.16	35	eP	P	22 57 06.8	-0.9
WIN	Windhoek	84.21	112	P	P	22 57 06.8	-0.9
WIN						22 57 06.8	-0.9
WIN	comp=Z,796nm,0.9s						
WIN	Windhoek	84.21	112	P	P	22 57 06.8	-0.9
WIN	Windhoek	84.21	112	P	P	22 57 07.0	-1.7
WIN						22 59 08.7	-3.3
WIN						22 59 11.2	-5.8
WIN	Windhoek	84.21	112	P	P	22 57 07.9	-0.2
GMM	Mts of Mourne	84.51	32	eP	P	22 57 08.0	-0.3
JVM	Valle D.L. Mar	84.52	38	eP	P	22 57 07.7	-0.6
JSJ	Saint Aubin	84.53	38	P	P	22 57 08.0	-0.3
JSJ	Saint Aubin	84.53	38	P	P	22 57 08.4	+0.1
JSJ						22 57 09.4	+0.8
TGNT	Hyland Airport	84.63	336	P	P	23 06 46.7	+0.7
TGNT						22 57 09.1	-0.4
CLGH	Cloghs, Cushen	84.80	32	eP	P	22 57 08.4	-1.2
YRC	Rhoscolyn	84.81	34	eP	P	22 57 09.3	-0.8
WPS	Cemaes, Angles	84.92	33	eP	P	22 57 09.0	-1.1
WLF1	Llynfaes	84.92	34	eP	P	22 57 10.1	-0.3
WLF1						22 57 09.5	-1.1
WME	Myndd Eilian	85.02	33	eP	P	22 57 10.3	-0.9
LLW	Llanuwchllyn	85.14	34	eP	P	22 57 10.4	-0.8
WIM	Isle of Man	85.14	33	eP	P	22 57 13.1	+1.1
RAR	Rarotonga	85.15	249	P	P	22 59 22.5	-0.1
RAR	comp=Z,805nm,0.9s,baz=200,slo=4.1,SNR=50						
RAR						22 57 12.9	+0.9
RAR						22 57 13.2	+1.1
RAR						22 57 11.7	-0.3

RAR	MCH1	Michaelchurch	85.16	35	eP	P	22 59 23.2	+0.6
RAR	MCH1	Michaelchurch	85.16	35	eP	P	22 57 10.4	-1.0
RAR	MCH1					22 57 11.1	-0.9	
RAR	IS3NA	TSUMEB INFRASO	85.19	109	P	P	22 57 20.0	+7.5
RAR		baz=268,slo=1.7,SNR=2.1						
RAR	TSUM	Tsumeb	85.20	109	P	P	22 57 12.4	-0.1
RAR	TSUM					22 57 12.4	-0.1	
RAR	TSUM	Tsumeb	85.20	109	P	P	22 57 12.2	-0.3
RAR	TSUM					22 57 22.1		
RAR	comp=Z,3um,0.8s							
RAR	TSUM	Tsumeb	85.20	109	P	pP	22 59 21.4	-0.7
RAR	TSUM					22 57 12.6	+0.1	
RAR	TSUM					22 59 22.0	-0.6	
RAR	TSUM	Tsumeb	85.20	109	pP	pP	22 59 21.6	-0.6
RAR	TSUM					22 56 43.0	+2.4	
RAR	TSUM	Tsumeb	85.20	109	eP	SKSAC	22 57 10.0	-0.9
RAR	TSUM	Kirk Michael	85.25	33	eP	P	22 57 18.6	
RAR	TSUM					22 57 18.6		
RAR	OLDB	Oldbury-Upon-S	85.28	36	eP	P	22 57 11.0	-0.9
RAR	OLDB					22 57 18.4		
RAR	comp=Z,1um,1.2s							
RAR	Setif	85.41	52	P	P	22 57 15.0	+2.0	
RAR	FOEL	Foel Wyifa	85.41	34	eP	P	22 57 11.9	-0.7
RAR	GALL	Galloway	85.43	32	eP	P	22 57 11.0	-1.5
RAR	GALL					22 57 19.1		
RAR	comp=Z,1um,1.0s							
RAR	HLM1	Long Myrd	85.44	35	eP	P	22 57 12.1	-0.6
RAR	HLM1					22 57 19.2		
RAR	comp=Z,1um,1.1s							
RAR	SIT	Sitka	85.47	330	P	P	22 57 12.7	0.0
RAR	SIT					22 57 12.7	0.0	
RAR	comp=Z,2um,1.4s							
RAR	SIT	Sitka	85.47	330	P	P	22 57 12.7	

24d 22h

Table with columns for station name, frequency, power, and signal quality. Includes stations like SOCI, ABPO, VRRH, GINR, etc.

2015 NOV

Table with columns for station name, frequency, power, and signal quality. Includes stations like WAKE, SLWR, ABKAR, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like UGL, KURK, KURK, etc.

AGMN	Agassiz Nation	62.15 342	S	S	23 07 49.1 -4.8
AGMN	Agassiz Nation	62.15 342	P	I Amb	23 00 15.0 -0.4
AGMN	Agassiz Nation	62.15 342	P	I Amb	23 00 24.3
SCI2	San Clemente I	62.28 316	P	P	23 00 18.0 +1.4
SCI2	San Clemente I	62.28 316	S	S	23 07 59.3 +3.2
RRX	Edison Barstow	62.34 318	P	S	23 00 18.9 +1.8
RRX	Edison Barstow	62.34 318	S	S	23 07 59.6 +2.6
BFSC	Mount Baldy Ra	62.41 317	P	P	23 00 19.0 +1.4
BFSC	Mount Baldy Ra	62.41 317	S	S	23 08 00.7 +2.8
CIS	Catalina Islan	62.43 316	P	S	23 00 19.0 +1.4
CIS	Catalina Islan	62.43 316	S	S	23 08 00.6 +2.5
PFBCR	Castelo Branco	62.46 37	eP	P	23 00 18.0 +0.3
GSC	Goldstone, Bar	62.48 319	P	P	23 00 19.6 +1.6
GSC	Goldstone, Bar	62.48 319	S	S	23 08 01.8 +3.1
SHOC	Shoshone, Teco	62.50 320	P	S	23 00 19.3 +1.2
SHOC	Shoshone, Teco	62.50 320	S	S	23 08 01.4 +2.6
CALA	Caldeira	62.51 37	eP	P	23 00 18.6 +0.5
CALA	Caldeira	62.51 37	eS	S	23 08 00.0 +1.1
HOR	Horta	62.51 37	eS	S	23 07 58.9 +0.1
FMP	Fort Macarthur	62.52 316	P	S	23 00 19.6 +1.4
FMP	Fort Macarthur	62.52 316	S	S	23 08 01.8 +2.7
PCED	Cedros	62.54 37	eP	P	23 00 18.6 +0.4
PCED	Cedros	62.54 37	eS	S	23 08 05.4 +6.3
PCAN	Candelaria	62.56 37	eP	P	23 00 17.3 -1.0
PCAN	Candelaria	62.56 37	eS	S	23 08 01.5 +2.1
PCAN	Candelaria	62.56 37	eS	S	23 00 17.7 -1.1
PICO	Pico	62.62 37	eP	P	23 00 18.0 +0.6
PICO	Pico	62.62 37	eS	S	23 00 21.2 +1.9
PRN	Pahroc Range	62.68 322	eP	P	23 00 19.2 -0.1
PPNO	Prainha do Nor	62.69 37	eP	P	23 08 03.3 +2.8
PPNO	Prainha do Nor	62.69 37	eS	S	23 00 20.3 +0.6
PID	Ribeirinha	62.76 37	eP	P	23 08 03.4 +1.5
PID	Ribeirinha	62.76 37	eS	S	23 00 21.8 +1.4
DECC	Green Verdugo	62.87 317	P	P	23 08 06.2 +2.8
DECC	Green Verdugo	62.87 317	S	S	23 00 19.4 -0.9
ROSA	Rosais	62.87 37	eP	P	23 08 05.3 +2.2
ROSA	Rosais	62.87 37	eS	S	23 00 21.2 +0.9
ROSA	Rosais	62.87 37	eS	S	23 00 21.0 +0.7
ROSA	Rosais	62.87 37	I Amb	I Amb	23 00 31.2
PMAN	Manadas	62.90 37	eP	P	23 00 21.3 +0.8
PMAN	Manadas	62.90 37	eS	S	23 08 03.4 -0.1
MDND	Maddock	63.00 339	P	P	23 00 21.5 +0.5
MDND	Maddock	63.00 339	S	S	23 08 03.1 -1.4
EDW2	Edwards Air Fo	63.01 318	P	P	23 00 22.5 +1.1
EDW2	Edwards Air Fo	63.01 318	S	S	23 08 05.2 +0.1
SNCC	San Nicolas Is	63.10 315	P	P	23 00 23.2 +1.2
SNCC	San Nicolas Is	63.10 315	S	S	23 08 09.3 +3.1
LRMC	Laurel Mtn Rd	63.16 318	P	P	23 00 23.6 +1.2
LRMC	Laurel Mtn Rd	63.16 318	S	S	23 08 10.2 +3.2
SRBC	Serra Branca	63.20 37	eP	P	23 00 23.2 +0.8
SRBC	Serra Branca	63.20 37	eS	S	23 08 11.1 +4.0
DUG	Dugway, Tooele	63.20 325	S	S	23 08 07.9 +0.5
DUG	Dugway, Tooele	63.20 325	P	P	23 00 23.9 +1.3
DUG	Dugway, Tooele	63.20 325	P	P	23 02 23.4 +0.3
FURC	Furnace Creek	63.22 320	P	P	23 00 24.2 +1.6
FURC	Furnace Creek	63.22 320	S	S	23 08 10.7 +3.3
PGRA	Graciosa	63.23 37	eP	P	23 00 21.8 -0.8
PGRA	Graciosa	63.23 37	eS	S	23 08 07.9 +0.5
PGRA	Graciosa	63.23 37	eS	S	23 08 07.3 -1.0
BD01	Boulder Array	63.27 329	S	S	23 00 23.3 +0.2
PD31	Pinedale Array	63.27 329	eP	P	23 00 23.4 +0.3
PDAR	Pinedale Array	63.27 329	P	P	23 00 23.4 +0.3
PDAR	Pinedale Array	63.27 329	S	S	23 08 08.1 -0.2
PDAR	Pinedale Array	63.27 329	P	P	23 08 08.8 -1.8
PDAR	Pinedale Array	63.27 329	P	P	23 02 23.3 +0.2
PDAR	Pinedale Array	63.27 329	P	P	23 02 24.2 0.0
OSI	Osito Audit: C	63.34 317	P	P	23 00 24.5 +1.0
OSI	Osito Audit: C	63.34 317	S	S	23 08 10.5 +1.4
MPMC	Manual Prospec	63.38 319	P	P	23 00 24.9 +1.0
MPMC	Manual Prospec	63.38 319	S	S	23 08 11.6 +1.8
ADH	Angra Heroismo	63.42 37	eP	P	23 00 24.8 +1.0
ADH	Angra Heroismo	63.42 37	eS	S	23 08 12.2 +2.4
PSCM	Serra do Cume	63.52 37	eS	S	23 08 11.1 0.0
PAGU	Aguafua, Azore	63.53 37	eP	P	23 00 23.0 -1.5
SCZ2	Santa Cruz Isl	63.60 316	P	P	23 00 26.2 +1.1
SCZ2	Santa Cruz Isl	63.60 316	S	S	23 08 14.6 +2.4
R11A	Troy Canyon, C	63.60 322	P	P	23 00 26.9 +1.7
R11A	Troy Canyon, C	63.60 322	S	S	23 08 15.3 +2.9
PSMA	Santa Maria	63.67 40	eP	P	23 00 25.6 +0.1
PSMA	Santa Maria	63.67 40	eS	S	23 08 10.8 -2.1
ARVC	Arvin	63.71 317	P	P	23 00 27.2 +1.5
ARVC	Arvin	63.71 317	S	S	23 08 15.6 +2.2
PSMN	Pico do Norte	63.72 40	eP	P	23 00 25.3 -0.5
PSMN	Pico do Norte	63.72 40	eS	S	23 08 10.7 -2.8
SHEL	Horse Pasture	63.73 103	P	P	23 00 26.3 0.0
SHEL	Horse Pasture	63.73 103	P	P	23 00 27.0 +0.7
SHEL	Horse Pasture	63.73 103	P	P	23 00 26.3 0.0
SHEL	Horse Pasture	63.73 103	I Amb	I Amb	23 00 31.0
ISA	Isabella, Lake	63.78 318	P	P	23 00 27.7 +1.4
ISA	Isabella, Lake	63.78 318	S	S	23 08 17.5 +3.0
PDA	Ponta Delgada	63.80 39	eP	P	23 08 14.5 +0.1
PSET	Seta Cidades	63.82 39	eP	P	23 00 25.5 -0.9
PSET	Seta Cidades	63.82 39	eS	S	23 08 13.4 -1.2
ULM	Lac du Bonnet	63.88 343	P	P	23 00 25.9 -0.6
ULM	Lac du Bonnet	63.88 343	S	S	23 08 09.4 -5.5
ULM	Lac du Bonnet	63.88 343	P	P	23 00 25.9 -0.6
ULM	Lac du Bonnet	63.88 343	P	P	23 09 07.7 -0.9
ULM	Lac du Bonnet	63.88 343	P	P	23 07 16.2

ULM	Lac du Bonnet	63.88 343	P	P	23 00 25.6 -0.8
ULM	Lac du Bonnet	63.88 343	P	P	23 00 25.8 -0.7
ULM	Lac du Bonnet	63.88 343	P	P	23 00 30.0 +3.5
GRON	Grota Negra	63.90 39	eS	S	23 08 20.3 +4.6
CMLA	Cha da Macela	63.90 39	eP	P	23 00 26.4 -0.5
CMLA	Cha da Macela	63.90 39	eS	S	23 08 17.4 +1.8
SBC	Santa Barbara	63.91 316	P	P	23 00 28.1 +1.1
SBC	Santa Barbara	63.91 316	S	S	23 08 18.0 +2.2
PCALD	Caldeiras da R	63.95 39	eP	P	23 00 26.4 -0.8
PCALD	Caldeiras da R	63.95 39	eS	S	23 08 17.1 +1.0
CWC	Cottonwood Cre	63.99 319	P	P	23 00 29.1 +1.4
CWC	Cottonwood Cre	63.99 319	S	S	23 08 19.6 +2.6
BART	Pico Bartolome	64.13 39	eS	S	23 08 18.9 +0.4
LCH	Last Change Ra	64.19 320	P	I Amb	23 00 30.0 +1.1
LCH	Last Change Ra	64.19 320	I Amb	I Amb	23 00 38.4
PKM	Mcperson Peak	64.23 317	P	P	23 00 30.7 +1.5
PKM	Mcperson Peak	64.23 317	S	S	23 08 22.2 +2.1
PKM	Mcperson Peak	64.23 317	P	P	23 00 30.9 +1.5
YES	Vestal, Richgr	64.29 318	P	P	23 08 23.4 +3.1
YES	Vestal, Richgr	64.29 318	S	S	23 08 23.4 +3.1
TPH	Tonopah	64.44 321	P	P	23 00 31.7 +1.2
TPH	Tonopah	64.44 321	I Amb	I Amb	23 00 35.3
TPH	Tonopah	64.44 321	P	P	23 02 33.6 +1.3
TIN	Tinemaha, Big	64.45 319	P	P	23 00 31.9 +1.4
TIN	Tinemaha, Big	64.45 319	S	S	23 08 26.1 +3.6
SMMC	Simmler	64.59 317	P	P	23 00 33.0 +1.7
SMMC	Simmler	64.59 317	S	S	23 08 27.2 +3.1
LAO	LASA Array	64.67 334	S	S	23 08 24.7 +0.2
VOG	Vallley Oaks Go	64.77 318	P	P	23 00 32.9 +0.5
VOG	Vallley Oaks Go	64.77 318	S	S	23 08 26.1 +0.2
SCHO	Schefferville	64.79 3	P	P	23 00 31.6 -0.5
SCHO	Schefferville	64.79 3	P	P	23 29 08.4 +1.6
SCHO	Schefferville	64.79 3	P	P	23 37 18.6
SCHO	Schefferville	64.79 3	P	P	23 00 31.6 -0.5
SCHO	Schefferville	64.79 3	P	P	23 00 31.5 -0.7
SCHO	Schefferville	64.79 3	I Amb	I Amb	23 00 40.6
RLMT	Red Lodge	64.86 331	S	S	23 08 26.1 -1.1
H17A	Grant Village	64.96 330	P	P	23 00 35.3 +1.6
H17A	Grant Village	64.96 330	S	S	23 08 30.6 +2.0
MACI	Morro de la Ar	65.09 52	P	I Amb	23 00 35.4 +0.6
MACI	Morro de la Ar	65.09 52	I Amb	I Amb	23 00 38.6
MACI	Morro de la Ar	65.09 52	P	P	23 02 37.0 +0.1
MACI	Morro de la Ar	65.09 52	P	P	23 00 36.4 +1.1
MLAC	Mammoth, Mammo	65.18 320	P	P	23 08 34.2 +2.8
MLAC	Mammoth, Mammo	65.18 320	S	S	23 08 34.2 +2.8
MLAC	Mammoth, Mammo	65.18 320	S	S	23 08 36.0 +0.5
DMGT	Dagmar	65.24 336	S	S	23 08 32.7 +1.5
DMGT	Dagmar	65.24 336	P	P	23 00 37.1 +1.0
NVAR	Minna Array Bea	65.33 321	P	P	23 02 40.7 +2.3
NVAR	Minna Array Bea	65.33 321	P	P	23 29 06.6 -1.2
NVAR	Minna Array Bea	65.33 321	P	P	23 37 23.3
NVAR	Minna Array Bea	65.33 321	P	P	23 00 37.6 +1.4
NVAR	Minna Array Bea	65.33 321	P	P	23 02 39.5 +1.1
YERR	Yerington	66.25 321	P	P	23 00 43.1 +1.3
BOZ	Bozeman (W)	66.34 330	S	S	23 08 45.2 +0.6
BOZ	Bozeman (W)	66.34 330	P	P	23 00 42.5 +0.3
BOZ	Bozeman (W)	66.34 330	P	P	23 02 45.1 +0.1
BOZ	Bozeman (W)	66.34 330	I Amb	I Amb	23 02 51.4
HLID	Hailey	66.36 327	S	S	23 08 47.9 +3.0
HLID	Hailey	66.36 327	S	S	23 00 43.9 +1.5
SAO	San Andreas Ge	66.38 318	P	P	23 00 43.0 +0.5
SAO	San Andreas Ge	66.38 318	P	P	23 02 45.2 +0.1
SAO	San Andreas Ge	66.38 318	P	P	23 00 45.8 +0.8
PMOZ	Porto Moniz, M	66.77 48	eP	P	23 02 49.6 +1.6
PMOZ	Porto Moniz, M	66.77 48	eS	S	23 08 53.1 +3.1
PMOZ	Porto Moniz, M	66.77 48	P	P	23 00 45.9 +0.8
PMOZ	Porto Moniz, M	66.77 48	P	P	23 00 45.3 +0.3
PMOZ	Porto Moniz, M	66.77 48	P	P	23 00 46.2 +1.2
FUL	Funchal	66.91 48	eP	P	23 00 46.1 +0.4
FUL	Funchal	66.91 48	eS	S	23 02 50.1 +1.3
FUL	Funchal	66.91 48	eS	S	23 08 53.1 +1.8
PMAR	Madeira	66.93 48	I Amb	I Amb	23 00 46.7 +0.6
PMAR	Madeira	66.93 48	eP	P	23 02 49.6 +0.4
EGMT	Eagleton	67.24 333	S	S	23 08 55.6 +0.8
EGMT	Eagleton	67.24 333	P	P	23 00 47.9 +0.4
EGMT	Eagleton	67.24 333	P	P	23 02 49.2 -1.6
PMPS	Porto Santo	67.52 48	I Amb	I Amb	23 00 50.5 +1.1
PMPS	Porto Santo	67.52 48	eP	P	23 02 54.4 +1.6
PMPS	Porto Santo	67.52 48	eS	S	23 09 02.1 +3.7
PMPS	Porto Santo	67.52 48	P	P	23 00 50.5 +1.0
PMPS	Porto Santo	67.52 48	P	P	23 02 53.9 +1.0
LIC	Lamto	67.77 79	ePKP1	P	23 09 02.7 +4.1
LIC	Lamto	67.77 79	ePKP1	P	23 00 52.3 +0.9
TIC	Toumodi	67.78 79	ePKP1	P	23 00 53.1 +1.1
WVOR	Wild Horse Val	67.98 324	I Amb	I Amb	23 00 53.1 +0.9
TAE	Nuku Hiva Isla	68.00 264	I Amb	I Amb	23 00 54.0 +1.1
TAE	Nuku Hiva Isla	68.00 264	P	P	23 02 57.1 +0.4
TAE	Nuku Hiva Isla	68.00 264	P	P	23 00 53.9 +1.1
TAE	Nuku Hiva Isla	68.00 264	P	P	23 00 53.6 +0.8
TAE	Nuku Hiva Isla	68.00 264	P	P	23 02 56.1 -0.6
TAE	Nuku Hiva Isla	68.00 264	P	P	23 00 55.0 +2.0
DBIC	Dimbokro	68.04 79	P	P	23 00 53.5 +0.5
DBIC	Dimbokro	68.04 79	P	P	23 02 58.1 +1.4
DBIC	Dimbokro	68.04 79	P	P	23 09 03.8 -1.4
DBIC	Dimbokro	68.04 79	P	P	23 28 55.5 -1.0
DBIC	Dimbokro	68.04 79	P	P	

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SNAA	Sanae	73.69 162	P	P	23 01 25.1 +0.1
SNAA	Sanae	73.69 162	P	P	23 01 25.8 +0.8
SNAA	Sanae	73.69 162	P	P	23 01 25.4 +0.4
SNAA	Sanae	73.69 162	P	P	23 01 30.4
SNAA	Sanae	73.69 162	P	P	23 03 32.9 +1.2
NRS	Narsarsuaq	73.87 13	P	P	23 01 25.5 +0.5
NRS	Narsarsuaq	73.87 13	P	P	23 01 28.4
NRS	Narsarsuaq	73.87 13	P	P	23 01 25.5 +0.5
NRS	Narsarsuaq	73.87 13	P	P	23 01 25.6 -0.3
NRS	Narsarsuaq	73.87 13	P	P	23 01 27.1
NRS	Narsarsuaq	73.87 13	P	P	23 03 32.7 0.0
NLWA	Neilton Lookou	73.93 326	P	P	23 01 28.4 +1.6
A04D	Lummi Island	74.08 327	P	P	23 01 28.8 +1.4
A04D	Lummi Island	74.08 327	P	P	23 01 28.8 +1.4
A04D	Lummi Island	74.08 327	P	P	23 10 13.7 +2.3
A04D	Lummi Island	74.08 327	P	P	23 01 28.6 -0.6
A04D	Lummi Island	74.08 327	P	P	23 01 18.6 +3.9
A04D	Lummi Island	74.08 327	P	P	23 01 31.6 +2.5
A04D	Lummi Island	74.08 327	P	P	23 01 31.4 +2.3
A04D	Lummi Island	74.08 327	P	P	23 01 32.1 +1.6
A04D	Lummi Island	74.08 327	P	P	23 01 32.5 +1.9
A04D	Lummi Island	74.08 327	P	P	23 03 38.5 +0.5
A04D	Lummi Island	74.08 327	P	P	23 01 33.2 +1.8
A04D	Lummi Island	74.08 327	P	P	23 03 39.5 +0.8
A04D	Lummi Island	74.08 327	P	P	23 01 31.8 +0.3
A04D	Lummi Island	74.08 327	P	P	23 03 38.4 -0.2
A04D	Lummi Island	74.08 327	P	P	23 01 34.0 +2.0
A04D	Lummi Island	74.08 327	P	P	23 01 34.1 +1.9
A04D	Lummi Island	74.08 327	P	P	23 03 40.1 +0.4
A04D	Lummi Island	74.08 327	P	P	23 01 33.9 +1.9
A04D	Lummi Island	74.08 327	P	P	23 03 41.3 +2.1
A04D	Lummi Island	74.08 327	P	P	23 01 23.8 +3.5
A04D	Lummi Island	74.08 327	P	P	23 01 32.5 +0.4
A04D	Lummi Island	74.08 327	P	P	23 01 35.7
A04D	Lummi Island	74.08 327	P	P	23 03 40.7 +1.5
A04D	Lummi Island	74.08 327	P	P	23 01 34.1 +2.1
A04D	Lummi Island	74.08 327	P	P	23 01 34.0 +1.2
A04D	Lummi Island	74.08 327	P	P	23 01 34.6 +1.3
A04D	Lummi Island	74.08 327	P	P	23 01 37.2
A04D	Lummi Island	74.08 327	P	P	23 01 24.5 +1.9
A04D	Lummi Island	74.08 327	P	P	23 01 35.0 +1.8
A04D	Lummi Island	74.08 327	P	P	23 03 42.1 +1.6
A04D	Lummi Island	74.08 327	P	P	23 01 26.8 +4.2
A04D	Lummi Island	74.08 327	P	P	23 01 34.5 +1.3
A04D	Lummi Island	74.08 327	P	P	23 01 24.5 +1.9
A04D	Lummi Island	74.08 327	P	P	23 01 35.1 +1.8
A04D	Lummi Island	74.08 327	P	P	23 01 35.6 +2.2
A04D	Lummi Island	74.08 327	P	P	23 03 43.2 +2.5
A04D	Lummi Island	74.08 327	P	P	23 01 26.9 +3.9
A04D	Lummi Island	74.08 327	P	P	23 01 35.9 +1.5
A04D	Lummi Island	74.08 327	P	P	23 03 43.9 +2.1
A04D	Lummi Island	74.08 327	P	P	23 01 31.5 +3.6
A04D	Lummi Island	74.08 327	P	P	23 01 36.1 +1.5
A04D	Lummi Island	74.08 327	P	P	23 01 45.4
A04D	Lummi Island	74.08 327	P	P	23 01 27.1 +2.0
A04D	Lummi Island	74.08 327	P	P	23 01 36.0 +1.5
A04D	Lummi Island	74.08 327	P	P	23 01 27.2 +2.0
A04D	Lummi Island	74.08 327	P	P	23 01 36.0 +1.4
A04D	Lummi Island	74.08 327	P	P	23 03 43.6 +1.6
A04D	Lummi Island	74.08 327	P	P	23 01 28.4 +3.1
A04D	Lummi Island	74.08 327	P	P	23 01 37.1 +1.6
A04D	Lummi Island	74.08 327	P	P	23 03 45.6 +2.6
A04D	Lummi Island	74.08 327	P	P	23 01 30.4 +3.4
A04D	Lummi Island	74.08 327	P	P	23 01 35.3 +0.2
A04D	Lummi Island	74.08 327	P	P	23 01 37.8
A04D	Lummi Island	74.08 327	P	P	23 01 35.2 +0.2
A04D	Lummi Island	74.08 327	P	P	23 01 37.7 +1.8
A04D	Lummi Island	74.08 327	P	P	23 03 44.9 +1.5
A04D	Lummi Island	74.08 327	P	P	23 01 31.9 +4.1
A04D	Lummi Island	74.08 327	P	P	23 01 37.5 +1.4
A04D	Lummi Island	74.08 327	P	P	23 01 39.5
A04D	Lummi Island	74.08 327	P	P	23 01 30.0 +1.8
A04D	Lummi Island	74.08 327	P	P	23 01 37.6 +1.4
A04D	Lummi Island	74.08 327	P	P	23 03 46.3 +2.7
A04D	Lummi Island	74.08 327	P	P	23 01 32.4 +4.2
A04D	Lummi Island	74.08 327	P	P	23 01 37.1 +1.4
A04D	Lummi Island	74.08 327	P	P	23 01 30.0 +1.8
A04D	Lummi Island	74.08 327	P	P	23 01 39.4 +2.8
A04D	Lummi Island	74.08 327	P	P	23 01 38.1 +1.8
A04D	Lummi Island	74.08 327	P	P	23 03 46.4 +2.5
A04D	Lummi Island	74.08 327	P	P	23 01 32.2 +3.5
A04D	Lummi Island	74.08 327	P	P	23 01 38.7 +1.6
A04D	Lummi Island	74.08 327	P	P	23 03 47.1 +2.4
A04D	Lummi Island	74.08 327	P	P	23 01 33.9 +3.8
A04D	Lummi Island	74.08 327	P	P	23 01 38.3 +1.2
A04D	Lummi Island	74.08 327	P	P	23 03 46.2 +1.5
A04D	Lummi Island	74.08 327	P	P	23 01 39.6 +2.5
A04D	Lummi Island	74.08 327	P	P	23 01 38.0 0.0
A04D	Lummi Island	74.08 327	P	P	23 03 46.9 +1.2
A04D	Lummi Island	74.08 327	P	P	23 01 24.5 -7.3
A04D	Lummi Island	74.08 327	P	P	23 01 38.1 -1.3
A04D	Lummi Island	74.08 327	P	P	23 01 37.5 -0.5
A04D	Lummi Island	74.08 327	P	P	23 01 39.9
A04D	Lummi Island	74.08 327	P	P	23 03 46.1 +0.5
A04D	Lummi Island	74.08 327	P	P	23 01 39.4 +1.5
A04D	Lummi Island	74.08 327	P	P	23 03 47.7 +2.2
A04D	Lummi Island	74.08 327	P	P	23 01 33.9 +2.7
A04D	Lummi Island	74.08 327	P	P	23 01 39.4 +1.5
A04D	Lummi Island	74.08 327	P	P	23 03 48.4 +2.8
A04D	Lummi Island	74.08 327	P	P	23 01 34.8 +3.1
A04D	Lummi Island	74.08 327	P	P	23 01 33.9 +3.8
A04D	Lummi Island	74.08 327	P	P	23 01 36.1 +3.3
A04D	Lummi Island	74.08 327	P	P	23 01 39.8 +1.3
A04D	Lummi Island	74.08 327	P	P	23 03 47.9 +1.6
A04D	Lummi Island	74.08 327	P	P	23 01 36.5 +3.6
A04D	Lummi Island	74.08 327	P	P	23 01 47.8 +2.3
A04D	Lummi Island	74.08 327	P	P	23 01 40.4 +1.0
A04D	Lummi Island	74.08 327	P	P	23 01 49.4
A04D	Lummi Island	74.08 327	P	P	23 03 49.5 +2.0
A04D	Lummi Island	74.08 327	P	P	23 01 40.0 +1.1
A04D	Lummi Island	74.08 327	P	P	23 03 48.4 +1.7
A04D	Lummi Island	74.08 327	P	P	23 01 36.4 +2.7
A04D	Lummi Island	74.08 327	P	P	23 01 41.6 +2.2
A04D	Lummi Island	74.08 327	P	P	23 03 48.0 +0.6
A04D	Lummi Island	74.08 327	P	P	23 01 41.8 +2.3
A04D	Lummi Island	74.08 327	P	P	23 03 48.2 +0.7
A04D	Lummi Island	74.08 327	P	P	23 01 41.3 +1.8
A04D	Lummi Island	74.08 327	P	P	23 01 39.8 -0.8
A04D	Lummi Island	74.08 327	P	P	23 01 37.5 +2.5
A04D	Lummi Island	74.08 327	P	P	23 03 51.0 +2.9
A04D	Lummi Island	74.08 327	P	P	23 02 46.6 -1.6

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MDT	Midelt	76.31 53	P	P	23 01 42.0 +1.7
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 41.2 +1.0
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 49.8 +1.7
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 38.0 +1.8
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 41.6 +1.3
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 38.7 +2.3
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 40.3 +1.9
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.3 +1.4
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 51.0 +2.1
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 40.4 +2.8
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.4 +1.4
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.1 +1.2
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 51.2 +2.3
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 43.2 +2.3
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.2 +1.3
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 50.6 +1.8
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 39.6 +2.1
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.1 +1.2
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 44.2
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 49.5 +0.7
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.6 +1.5
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.2 +4.4
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.1 +1.5
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 50.0 +1.0
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 43.7 +2.6
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.9 +3.0
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 42.8 +1.3
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 51.4 +1.9
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 45.0 +3.1
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 43.5 +0.5
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 51.1 0.0
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 43.1 +1.5
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 45.6 +2.4
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 46.5 +4.5
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 44.4 +0.8
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 52.6 +0.9
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 43.3 +0.6
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 44.9 +0.8
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 54.1 +1.8
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 44.7 +1.0
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 45.6 +0.9
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 55.3 +2.3
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 46.0 +1.2
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 45.6 +0.9
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 46.1 +1.4
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 49.6
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 48.0 +2.7
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 46.4 +0.7
PCAS	Casmillo, Conde	76.35 45	P	P	23 03 55.4 +1.4
PCAS	Casmillo, Conde	76.35 45	P	P	23 01 4

1535

Table with columns: RES, comp, pmax, pmax, and various call signs like RESolute Bay, RESolute Bay, RESolute Bay, etc.

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Table with columns: HPAH, Hawaii Prepara, 88.41 291, P, Iamb, P, Iamb, 23 02 42.5 +1.1, etc.

24d 22h

Table with columns: VRDI, Verde Repeater, 90.47 333, P, Iamb, P, Iamb, 23 02 50.3 +0.2, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like LBTB, FETA, DAG, M24K, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like KNK, WAT6, SML, ASSE, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like SKDS, OVD, H24K, CEL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBS, KVR, KVS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BUR08, BURAR, BURAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VSR, VSR, comp-Z,400nm,0.6s, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like H11N1, H11S2, H11S1, etc.

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

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like KSH, ZAK, H0S1, etc.

24d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSWJU, K919, K918, K919, K918, K919, K918, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like HALB, PKIN, PKGI, GOSI, GALS, PALK, PALK, PALK, etc.

1540

Table with columns for station name, frequency, power, and other technical details. Includes stations like VA06, CO06, CO06, CO06, etc.

IDC 24 23:44:14.1.0.9.1054S:71.02W, h604km, 11km, mb3.6/16, mb 1.3/8.22, mb1mx3.7/40, mbtm4.6/22, Error ellipse: s-maj=12.5km s-min=9.7km az=10.0

VAO 24 23:44:14.1.0.3.71.0161S:71.47W, h595km, mb4.4 NEIC 24 23:44:14.0.2.2.10.565S:0.06:71.0W:0.1, h595km, 6km, mb4.6/193, Error ellipse: s-maj=17.1km s-min=9.1km az=81.0

ISC 24 23:44:13.9.0.3.10.555S:0.05:71.05W:0.06, h602km, n420, o8983/349, mb4.6/107, 1D, Peru-Brazil border region

Table with columns for Code, Station Name, Az, Az30, Op, Phase ID, Time, Res, h, s, ISC. Includes stations like CZSB, CZSB, ETMB, ETMB, etc.

IDC 24 23:42:03.5.1.5.31.83S:71.65W, h0km, mb4.5/2, mb1 4.0/5, mb1mx3.8/35, mbtm4.0/5, ML3.7/3 Error ellipse: s-maj=70.4km s-min=30.6km az=107.0 NEIC 24 23:42:07.0.1.3.31.73S:0.04:71.9W:0.1, h15km, 5km, mb4.7/3, ML4.1(9C), Error ellipse: s-maj=12.8km s-min=5.8km az=91.0

Table with columns: Station, Frequency, Power, and other details. Includes stations like PTBL, MACA, OTAV, etc.

Table with columns: Station, Frequency, Power, and other details. Includes stations like U56A, TKL, Y45A, etc.

Table with columns: Station, Frequency, Power, and other details. Includes stations like V52A, SWET, T59A, etc.

Table with columns: Station, Frequency, Power, and other details. Includes stations like MNXT, MMYN, P40A, etc.

25d Oh

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like Taylorsville, Glass, University of Ozark Folk Cen, etc.

2015 NOV

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like ILAR Eielson Array, ESKA Eskdalemuir Arr, etc.

1544

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like IPMB Ipermeri, SMTB Santa Maria do, etc.

1545

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like V52A Sevierville, N4TX Nacogdoches, and U49A Red Boiling Sp.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PKME Peaks-Kenny Pk, CBKS Cedar Bluff, and JFWS Jewell Farm.

25d Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KIC Kosan Boka, EGMT Egleton, and PLID Pearl Lake.

25d Oh

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MESA, INK, EPYK, DAWY, etc.

2015 NOV

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KNRA, MTN, JMS, etc.

1546

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CLL, CLC, CLM, etc.

25d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALF01 Guarapari-ES, GUA01 Guaratinga, BA, CMC01 Camacan, BA, etc.

IDC 25 01:55:44.9, 0.7, 9.43S, 115.04E, h0km, mb4, 0/10, mb1 4.1/10, mb1mx3.8/35, mbtmp4.0/10, Error ellipse: s-maj=29.4km s-min=17.5km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGBI Denpasar, DNP Denpasar, DNP Jagaj, Banyuw, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNRA Kununurra, MTN Manton Dam, WB0 Warramunga Arr, etc.

25 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S3 Diego Garcia H, SONM Songoing Array, MK31 Makanchi Array, etc.

IDC 25 02:22:51.2, 1.1, 13.18N, 144.30E, h127km, 8km, mb3.3/6, mb1 3.6/6, mb1mx3.3/41, mbtmp3.7/6, Error ellipse: s-maj=37.3km s-min=23.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guamo, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

AEIC 25 02:23:16.3, 4.2, 52.7N, 0.3, 174.6W, 0.1, h212km, 8km, Error ellipse: s-maj=38.3km s-min=9.2km az=168.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOKL Mount Kliuchef, ATKA Atka Island, GSTR Great Sitkin T, etc.

ATH 25 02:30:25.0, 38.65N, 20.58E, h10km, 2km, ML1.9/3, Error ellipse: s-maj=2.4km s-min=0.8km az=79.0, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRAG Dragano-Lefkad, EVGI Lefkada island, NYDR Nydri-Lefkada, etc.

1548

Table with columns: VLS, S, Sg, AML, Time, Res, ISC. Includes stations like VLS comp=E, 284um, 0.1s, VLS comp=N, 448um, 0.2s, etc.

SKO 25 02:30:52.2, 41.38N, 20.96E, h15km, TIR 25 02:30:54.0, 41.67N, 21.67E, h5km, M2.9, ATH 25 02:30:54.4, 41.44N, 21.05E, h101km, 3km, ML3.1/7, Error ellipse: s-maj=3.3km s-min=1.4km az=242.0

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

25d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ, URZ Urewera, RIGZ Rimuhau, SNGZ Shannon Statio, etc.

GII 25 03:01:22.6:0.3, 33.60N:35.13E, h11km, Mm1.5/3
GRAL 25 03:01:22.3:0.3, 33.70N:35.13E, h25km, 7km, MD2.6
ISC 25 03:01:22.8:2.2, 33.77N:0.1:35.12E:0.08, h19km, 4km, n10,
e0534/18, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DQRL Deir Qamar, DQRL SHBL, RCHY Chebaa, etc.

ARE 25 03:12:24.2:5, 15.66S:0.05:71.86W:0.08, h13km, 4km,
Error ellipse: s-maj=11.3km s-min=4.9km az=64.0
VAO 25 03:12:27.6:0.5, 15.60S:71.88W, h10km, mb4.3
NEIC 25 03:12:29.2:1.5, 15.64S:0.06:71.94W:0.08, h28km, 5km,
mb4.6/43, ML4.5(ARE), Error ellipse: s-maj=11.9km
s-min=4.1km az=69.0
IDC 25 03:12:30.4:2.7, 15.49S:71.44W, h38km, 23km, mb3.9/11,
mb1.4/1/5, mb1mx4.0/38, mb1mp4.2/15, ML3.8/4, Error
ellipse: s-maj=21.1km s-min=14.4km az=60.0
ISC 25 03:12:29.8:0.4, 15.61S:0.05:71.91W:0.06, h35km, n135,
e1866/142, mb4.5/26, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AP01 Chacalluta, PB12 IPOC Station P, TA01 Diego Arcarena, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BO01 Tunca, PTGA Pitinga, BO02 Sierra Bellavii, etc.

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

TIR 25 03:14:46.5:38.49N:20.43E, h12km, Md4.0
NEIC 25 03:14:47.9:1.4, 38.52N:0.03:20.53E:0.04, h14km, 4km,
Error ellipse: s-maj=4.9km s-min=4.4km az=154.0
PDG 25 03:14:47.5:0.8, 38.53N:20.48E, h15km, 1km, ML3.9/13,
Error ellipse: s-maj=1.1km s-min=1.4km az=0.0
ATH 25 03:14:47.9:38.53N:20.55E, h14km, ML4.2/15, Error
ellipse: s-maj=1.5km s-min=0.6km az=286.0
THE 25 03:14:48.0, 38.53N:20.52E, h12km, ML4.3/14, Error
ellipse: s-maj=1.0km s-min=0.5km az=283.0
MOS 25 03:14:48.0:1.5, 38.59N:20.39E, h28km, mb4.7/9, Error
ellipse: s-maj=7.5km s-min=4.4km az=78.1
IDC 25 03:14:52.1:1.3, 38.62N:20.55E, h42km, 13km, mb4.0/25,
mb1.4/0.4/1, mb1mx3.9/67, mb1mp4.1/41, ML3.6/14, MS3.8/1,
Ms1.3/9.1, ms1mx3.1/37, Error ellipse: s-maj=11.7km
s-min=10.0km az=30.0
ISC 25 03:14:47.7:0.6, 38.55N:0.01:20.52E:0.02, h16km, 3km,
n330, e1972/429, mb4.3/35, 39C-12D, Greece

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

25d 4h

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Table with columns for station call letters, frequency, and signal strength. Includes stations like KSAR, KSAR, KS19, KHSB, KSIJA, KSCEA, KSCHE, KSCIN, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like SONM, CD2, YAK, YAK, YAK, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like PDGK, PDGK, PDGK, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like O22K Cooper Landing, COLD Coldfoot, BWN Brown, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like M26K Nabesna, M26K Nabesna, MCARA McCarthy VSAT, etc.

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

25d 5h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like PNTR Pine Nut, BHZH Black Hill Sta, KWHZ Kaweka Forest, etc.

2015 NOV

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like TPFO Pinon Flats, BELC Belle Mtn. Jos, VOIR Little Creek M, etc.

1556

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like MNXT Cornudas Mount, MNXX Cornudas Mount, MSTX Muleshoe, etc.

BUJ 25 05:02:02.0, 29.71N-90.02E, h38km, mB4.8/7, mB4.6/20, ML4.8/4
MOS 25 05:02:05.0, 29.62N-89.90E, h90km, mB4.5/13, Error ellipse: s-maj=9.7km s-min=5.9km az=110.1
NDI 25 05:02:05.7, 29.61N-90.02E, h143km, 41km, ML4.6, mB4.7(NEIC)
NEIC 25 05:02:06.2, 29.69N-90.08, 89E, h77km, 6km, mB4.7/5, Error ellipse: s-maj=11.1km s-min=10.8km az=177.0
IDC 25 05:02:08.0, 29.62N-89.95E, h104km, 6km, mB3.9/21, mB1.4/2, mB1.1mx3.8/42, mB1mP4.2/24, MS3.5/1, MS1 3.5/1, mS1mx3.1/30, Error ellipse: s-maj=9.6km az=56.0
DMN 25 05:02:08.0, 29.81N-89.75E, h60km, M4.7/11, Error ellipse: s-maj=9.5km s-min=7.7km az=164.0
ISC 25 05:02:06.3, 29.566N-104.899E, h85km, 5km, h85km, p-P, N168, s166/194, mB4.6/47, 4C-2D, Xizang

1559

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like S.JMO, PVMO, KEWM, etc.

IDC 25 06:52:13.4.4.1, 36°13'N, 71°39'E, h51km, 34km, mb3.7/6, m1 3.9/12, mb1mx3.6/48, mbtmp4.0/12, ML3.9/6, Error ellipse: s-maj=36.3km s-min=24.6km az=173.0

NNC 25 06:52:19.9.4.8, 36°19'N, 71°04'E, h0km, mb4.5, mpv4.3, Error ellipse: s-maj=38.1km s-min=28.1km az=169.0

ISC 25 06:52:18.4.0.7, 36°42'N, 0°05'71.52E, 0.09, h100km, n44, c245/49, mb3.5/5, 5C-5D, Afghanistan-Tajikistan border region

Main table for station 1559 with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like CEP, CHCP, THW, SARP, AML, UCH, EKSZ, AAK, AAK, AAK, AAK, KK09, CHMS, USP, TKM2, TKM2, TKM2, MDOK, MDOK, GEYT, GEYT, OTUK, OTUK, DANN, MKAR, KOLN, GKN, DMN, KKN, PKIN, PKI, GUN, KURBB, JIRN, AB31, AB31, RAMN, TAPN, ODAN, BVAR, AKTO, AKTO, AKTO, ZALV, KBZ, FINES, ARCES, NB2, NOA, WRA, etc.

Code Station Name Δ AZ Phase ID Time Res. Includes MARMO, NMEM, WALK.

2015 NOV

Main table for station 2015 NOV with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like NMMO, NMMO, PENMO, PENMO, CATM, CATM, PGVM, PGVM, PPLM, PPLM, PPBM, PPBM, PPSB, PPSB, PVMO, PVMO, SJJMO, SJJMO, KEWM, KEWM, KEWM, KEWM, HENM, HENM, WADM, WADM, WADM, WADM, TOPM, TOPM, MATM, MATM, MATM, MATM, FLRT, FLRT, LMDM, LMDM, EPRM, EPRM, DWDM, DWDM, HICK, HICK, GLAT, GLAT, LNXT, LNXT, LNXT, LNXT, PEBM, PEBM, UTMT, UTMT, GNAL, GNAL, HART, HART, PBMO, PBMO, PBMO, PBMO, CGMG, CGMG, T45B, T45B, T45B, T45B, T45B, T45B, LPAR, LPAR, S44A, S44A, S44A, S44A, SFTN, SFTN, SILUC, SILUC, HBAR, HBAR, HBAR, HBAR, HBAR, HBAR, LCAR, LCAR, LCAR, LCAR, W45A, W45A, W45A, W45A, W45A, W45A, MET, MET, WWT, WWT, WWT, WWT, WWT, WWT, WWT, WWT, FVM, FVM, FVM, FVM, PLAL, PLAL, PWLA, PWLA, CCM, CCM, CCM, CCM, T47A, T47A, T47A, T47A, NHIN, NHIN, FCAR, FCAR, SLM, SLM, SLM, SLM, MGMO, MGMO, V48A, V48A, V48A, V48A, Q44A, Q44A, Q44A, Q44A, WHAR, WHAR, WHAR, WHAR, OLIL, OLIL, OLIL, OLIL, W41B, W41B, W41B, W41B, W41B, W41B, U40A, U40A, Y45A, Y45A, Y45A, Y45A, Y45A, Y45A, CLTN, CLTN, R40A, R40A, R40A, R40A, X48A, X48A, X48A, X48A, U49A, U49A, U49A, U49A, P43A, P43A, WCI, WCI, WCI, WCI, WCI, WCI, S39A, S39A, S39A, S39A, S39A, S39A, SWET, SWET, X40A, X40A, X40A, X40A.

25d 7h

Main table for station 25d 7h with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like X40A, X40A, X40A, X40A, Z47A, Z47A, P40A, P40A, P46A, P46A, W39A, W39A, W39A, W39A, W39A, W39A, W50A, W50A, W50A, W50A, W50A, W50A, N41A, N41A, V51A, V51A, V51A, V51A, SFIN, SFIN, SFIN, SFIN, X51A, X51A, P38A, P38A, P38A, P38A, R50A, R50A, R50A, R50A, V22A, V22A, V22A, V22A, SS1A, SS1A, M44A, M44A, TUL1, TUL1, WSNC, WSNC, N47A, N47A, Q51A, Q51A, T35A, T35A, V53A, V53A, BG3, BG3, QUOK, QUOK, OK03, OK03, P51A, P51A, L46A, L46A, SCIA, SCIA, W35A, W35A, KSU1, KSU1, KSU1, KSU1, BLOK, BLOK, K43A, K43A, R53A, R53A, ACSO, ACSO, JFWS, JFWS, N35A, N35A, PAUL, PAUL, K38A, K38A, LOOK, LOOK, L48A, L48A, V55A, V55A, X34A, X34A, O52A, O52A, P53A, P53A, N51A, N51A, Q54A, Q54A, R32A, R32A, U32A, U32A, WMOK, WMOK, I37A, I37A, N53A, N53A, O54A, O54A, M52A, M52A, M53A, M53A, SPMN, SPMN, K31A, K31A.

NNC 25 07:24:56.7.0.4, 45°44'N, 81°13'E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=7.8km s-min=2.0km az=127.0

Table with columns: Call Sign, Location, Frequency, Power, and other technical details. Includes entries like TRCB Terra Rica, ACHE Chepes, PEON Peixe, etc.

Table with columns: Call Sign, Location, Frequency, Power, and other technical details. Includes entries like NBAN Anadia - AL, NBVP Pedro Velho, NBFR Rio Formoso, etc.

Table with columns: Call Sign, Location, Frequency, Power, and other technical details. Includes entries like OK029 comp-Z,53nm,0.8s, R40A Maddies Statio, BINA comp-Z,14nm,0.6s, etc.

25d 9h

Table with columns: SRU, SRU, comp-Z, 59.71 325, P, P, 09 35 28.4 +0.5, 09 35 29.1, IAMB, IAMB, 09 35 29.4 +1.0, 59.80 318, P, P, 09 35 29.4 +1.0, 59.87 317, P, P, 09 35 29.5 +0.5, 59.91 322, P, P, 09 35 30.3 +1.2, 59.92 326, P, P, 09 35 30.5 +1.1, 59.93 340, P, P, 09 35 28.4 -0.4, 59.93 326, IAMB, IAMB, 09 35 29.0, 59.95 325, P, P, 09 35 30.2 +0.8, 59.98 343, IAMB, IAMB, 09 35 28.7 +0.7, 60.05 318, P, P, 09 35 30.9 +0.8, 60.09 326, IAMB, IAMB, 09 35 31.1 +0.8, 60.16 333, P, P, 09 35 31.4 +0.7, 60.16 333, IAMB, IAMB, 09 35 31.5 +0.8, 60.18 331, P, P, 09 35 31.4 +0.5, 60.18 331, IAMB, IAMB, 09 35 31.5 +0.7, 60.21 327, IAMB, IAMB, 09 35 31.7 +0.5, 60.23 325, P, P, 09 35 32.1 +0.7, 60.26 324, P, P, 09 35 32.9 +1.4, 60.37 317, P, P, 09 35 33.1 +1.0, 60.48 324, P, P, 09 35 34.4 +1.4, 60.52 318, P, P, 09 35 34.5 +1.4, 60.57 341, P, P, 09 35 32.5 -0.6, 60.57 341, IAMB, IAMB, 09 35 32.9 -0.2, 60.77 337, P, P, 09 35 35.2 +0.8, 60.78 320, P, P, 09 35 36.0 +1.1, 60.96 325, P, P, 09 35 36.8 +0.7, 61.17 325, P, P, 09 35 37.1 +0.4, 61.11 318, P, P, 09 35 38.0 +1.0, 61.11 318, P, P, 09 35 38.1 +1.2, 61.17 325, P, P, 09 35 39.2 +1.2, 61.26 326, IAMB, IAMB, 09 35 39.6, 61.27 321, P, P, 09 35 39.8 +1.7, 61.32 317, IAMB, IAMB, 09 35 40.2 +1.2, 61.44 339, P, P, 09 35 39.2 +0.4, 61.44 339, P, P, 09 35 39.5 +0.7, 61.49 326, P, P, 09 35 40.3 +0.9, 61.52 317, P, P, 09 35 40.5 +1.0, 61.59 326, P, P, 09 35 41.3 +1.2, 61.65 317, P, P, 09 35 41.1 +0.7, 61.75 325, P, P, 09 35 41.8 +0.7, 61.75 325, P, P, 09 35 42.0 +0.9, 61.78 329, P, P, 09 35 43.0, 61.78 329, P, P, 09 35 41.1 -0.2, 61.78 329, P, P, 09 35 41.2 -0.2, 61.78 329, P, P, 09 35 41.5 +0.2, 61.78 329, P, P, 09 35 41.2 -0.1, 61.78 329, P, P, 09 35 41.4 -0.6, 61.78 329, P, P, 09 35 41.0 -0.3, 61.79 318, P, P, 09 35 42.2 +0.8, 61.84 319, P, P, 09 35 42.7 +1.2, 61.84 323, P, P, 09 35 42.7 +0.7, 61.89 317, P, P, 09 35 43.2 +0.6, 62.00 319, P, P, 09 35 43.5 +0.6, 62.01 327, P, P, 09 35 43.0 +0.2, 62.29 326, P, P, 09 35 43.5 +0.7, 62.30 343, IAMB, IAMB, 09 35 43.9 -0.3, 62.35 317, IAMB, IAMB, 09 35 44.1, 62.35 317, P, P, 09 35 46.0 +1.1, 62.36 325, P, P, 09 35 45.5 +0.5, 62.42 318, P, P, 09 35 46.4 +1.1, 62.42 318, P, P, 09 35 46.5 +1.1, 62.57 328, P, P, 09 35 46.6 +0.3, 62.57 319, P, P, 09 35 47.6 +0.9, 62.70 326, P, P, 09 35 48.2 +0.5, 62.80 320, P, P, 09 35 48.9 +1.0, 62.86 329, P, P, 09 35 48.6 +0.3, 62.89 329, P, P, 09 35 48.3 +0.9, 62.91 316, P, P, 09 35 49.5 +1.0, 62.91 329, P, P, 09 35 49.1 +0.5, 62.93 318, P, P, 09 35 49.3 +0.8, 63.01 329, P, P, 09 35 49.8 +0.5, 63.04 321, IAMB, IAMB, 09 35 50.5 +1.0, 63.04 321, IAMB, IAMB, 09 35 51.4, 63.08 329, P, P, 09 35 50.0 +0.3, 63.15 329, P, P, 09 35 50.5 +0.4, 63.19 317, P, P, 09 35 52.1 +1.5, 63.25 3, P, P, 09 35 49.5 -0.8, 63.25 3, P, P, 09 36 20.0 -0.2, 63.25 3, P, P, 09 37 55.4 +0.9, 63.25 3, IAMB, IAMB, 09 35 50.0 -0.2, 63.25 3, IAMB, IAMB, 09 37 55.8, 63.25 3, IAMB, IAMB, 09 35 50.0 -0.2, 63.29 326, P, P, 09 35 51.9 +0.9, 63.34 331, P, P, 09 35 52.1 +0.8, 63.46 330, P, P, 09 35 53.7 +1.7, 63.50 330, P, P, 09 35 52.3 -0.1, 63.50 324, P, P, 09 35 53.2 +0.8, 63.65 317, P, P, 09 35 54.7 +1.5, 63.69 336, P, P, 09 35 53.9 +0.8, 63.69 336, IAMB, IAMB, 09 35 54.1 +1.0, 63.69 336, IAMB, IAMB, 09 35 54.5, 63.74 330, P, P, 09 35 55.5 +1.6, 63.84 320, P, P, 09 35 55.3 +0.8, 63.85 330, P, P, 09 35 56.0 +1.5, 63.85 330, IAMB, IAMB, 09 35 56.8, 63.88 330, P, P, 09 35 56.1 +1.3, 63.92 320, P, P, 09 35 56.0 +0.9

Table with columns: NVAR, NVAR, comp-Z, 09 36 23.7 0.0, 09 36 21.4 +1.5, 09 35 55.8 +0.7, 09 35 56.3 +0.8, 09 35 57.2 +0.6, 09 35 58.4 +1.8, 09 35 01.3 +0.7, 09 36 01.4 +0.7, 09 36 02.2 +1.3, 09 36 02.9, 09 36 01.6 +0.8, 09 36 01.9 +1.0, 09 36 01.8 +0.9, 09 36 02.4 +1.2, 09 36 02.7 +0.9, 09 36 04.5 +1.8, 09 36 05.0, 09 36 03.4 +0.8, 09 36 05.3 +1.7, 09 36 05.8, 09 36 05.6 +1.6, 09 36 06.1, 09 36 05.1 +0.8, 09 36 06.2 +1.1, 09 36 07.2, 09 36 06.3 +0.5, 09 36 06.4 +0.5, 09 36 07.2, 09 36 07.3 +1.3, 09 36 11.9 +0.7, 09 36 12.6 +1.1, 09 36 13.8, 09 36 12.8 +0.3, 09 36 13.9 +0.9, 09 36 14.3 +1.3, 09 36 15.0, 09 36 16.6 +1.3, 09 36 17.1, 09 36 15.6 +0.3, 09 36 16.7 +0.9, 09 36 19.0 -0.2, 09 36 18.3 -0.7, 09 36 19.5 -0.3, 09 36 21.3 +1.5, 09 36 21.9, 09 36 20.9 +0.1, 09 36 27.8 0.0, 09 36 21.1 +0.4, 09 36 20.0 +0.1, 09 36 21.8 +1.4, 09 36 35.9, 09 36 22.1 +1.7, 09 36 23.6, 09 36 21.5 +0.9, 09 36 20.8 -0.2, 09 36 21.0 0.0, 09 36 22.5 +0.3, 09 36 23.0, 09 36 24.1 +1.2, 09 36 23.1 +0.1, 09 36 24.5 +0.9, 09 36 23.1 -0.5, 09 36 23.2 -0.3, 09 36 24.3 +0.5, 09 36 26.3 +1.9, 09 36 25.8, 09 36 25.7 +1.0, 09 36 27.6 +1.0, 09 36 29.0 +1.5, 09 36 28.9 +0.7, 09 36 30.2 +2.1, 09 36 30.6, 09 36 29.0 +0.7, 09 36 28.5 +0.2, 09 36 30.0 +1.3, 09 36 30.9, 09 36 30.5 +1.4, 09 36 31.3, 09 36 29.9 +0.5, 09 36 30.5 +0.6, 09 36 31.9, 09 38 34.8 -3.2, 09 36 31.3 +1.1, 09 36 32.3 +1.8, 09 36 32.5 +1.0, 09 36 32.6, 09 36 33.9 +1.9, 09 36 37.0, 09 36 33.5 +1.3, 09 36 34.0 +1.2, 09 36 34.6 +1.4, 09 36 35.6 +0.3, 09 36 36.7 +1.2, 09 38 47.3, 09 44 59.4 -1.6, 09 36 36.6 +0.5, 09 36 37.0, 09 36 37.9 +1.0, 09 36 37.8 -0.1, 09 36 38.4, 09 38 44.1 -2.5, 09 36 40.6 +1.3, 09 36 41.0, 09 36 43.5 +0.2, 09 36 45.0 +1.0, 09 36 49.2 +0.1, 09 36 50.6 +0.5, 09 36 50.9 +0.2

Table with columns: LLLB, LLLB, comp-Z, IAMB, IAMB, 09 36 52.2, 09 38 59.5 -1.2, 09 36 52.2 0.0, 09 35 01.5 +0.1, 09 37 01.5 +0.1, 09 37 01.8 +0.4, 09 37 05.0 0.0, 09 38 16.4 +0.3, 09 45 54.0 -2.7, 09 37 03.9 -1.0, 09 39 15.9 -0.2, 09 37 11.6 +0.2, 09 37 12.7, 09 37 17.6 +0.2, 09 39 28.6 -1.3, 09 37 17.8 +0.4, 09 37 20.9 +1.2, 09 39 33.9 +1.6, 09 37 29.5 -0.5, 09 37 30.3, 09 37 35.3 +0.3, 09 37 35.4 +0.4, 09 37 36.2 +0.6, 09 37 36.1 +0.6, 09 37 41.0 +1.1, 09 37 46.1 +1.3, 09 40 01.2, 09 37 46.1 +0.2, 09 37 46.3, 09 40 01.6 +0.8, 09 37 46.2 +0.4, 09 40 02.5, 09 37 45.6 +0.5, 09 37 47.9 +1.2, 09 37 48.9, 09 37 50.5 +0.9, 09 37 51.9 +0.5, 09 37 51.2 0.0, 09 37 51.6, 09 40 06.4 -0.4, 09 37 51.8 +0.5, 09 40 07.5, 09 37 52.5 +0.8, 09 37 54.4 +0.6, 09 37 55.6 +0.3, 09 37 58.2 +0.9, 09 37 58.5 +1.2, 09 38 03.7, 09 37 59.2 +0.1, 09 40 15.1 -0.1, 09 38 00.1, 09 38 00.5 +1.1, 09 37 59.7 +0.4, 09 38 00.1 +0.6, 09 38 00.5, 09 38 00.5, 09 38 01.4 -0.5, 09 38 01.9 +1.1, 09 38 04.0 +0.1, 09 38 04.2 +0.3, 09 38 04.5 +0.5, 09 38 05.8 +0.5, 09 38 06.5 +0.8, 09 38 06.2 +0.6, 09 38 06.6 +0.9, 09 38 06.2 +0.4, 09 40 21.4 -1.1, 09 38 05.9 +0.2, 09 38 06.1 +0.4, 09 38 06.9, 09 38 07.0 +0.2, 09 38 07.1 +0.3, 09 38 08.1, 09 38 07.2 +0.1, 09 38 07.4 +0.3, 09 38 08.2, 09 38 07.8 +0.3, 09 38 07.7 +0.6, 09 38 10.5 +0.5, 09 38 10.5 +0.5, 09 38 10.6 +0.5, 09 38 11.5, 09 38 12.1 +1.3, 09 40 26.9 -1.2, 09 38 11.9 +0.9, 09 38 12.9, 09 38 15.7 +0.4, 09 38 16.3, 09 38 15.9 +0.1, 09 38 16.0 +0.1, 09 38 17.2, 09 38 15.9 +0.2, 09 38 15.9 -0.1

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25d 10h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, AKTO Aktyubinsk, FNA Florina, etc.

ISC 25 09:45:41.7, 0.6, 8.80N, 40:35W, h0km, mb4.0/11, mb1.4/5/18, mb1mx4.2/49, mbtmp4.4/18, ML3.9/11, MS3.8/11, Ms1.3/9/11, ms1mx3.5/50, Error ellipse: s-maj=19.6km s-min=13.5km, az=151.0

NEIC 25 09:45:44.2, 1.0, 8.8N, 0:1.40, 3W, 0.1, h10km, 1km, mb4.9/78, Error ellipse: s-maj=20.2km s-min=16.6km az=156.0

ISC 25 09:45:43.4, 0.4, 8.83N, 0:06, 40:37W, 0:07, h10km, n160, 057/148, mb4.8/53, MS3.9/10, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like NBMO Morrinhos-CE, ROSB Rosrio, MDP Montagnes des, etc.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like TBGT Tabatinga, AM, JAKH Jacmel, OCAC Ocana, etc.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, BMAR Burm Mountain, AKTO Aktyubinsk, etc.

25d 10h

Table with columns for station call letters, frequency, and signal strength. Includes stations like TXAR, TX31, TX32, ROSC, Z41A, 247A, BARC, Z38A, 152A, W45A, W46A, W47A, W48A, W49A, X40A, X40B, SC01, MIAR, MIAR, MIAR, LOOK, GOGA, GOGA, X48A, X48A, X37A, X37A, Y52A, SDV, SDV, SDV, MACC, FPAL, FPAL, PLAL, PLAL, W41B, WHAR, WHAR, W39A, W39A, W39A, LPAR, SWET, SWET, WMOK, WMOK, FCAR, FCAR, MNTX, MNTX, FNO, FNO, LCAR, OK025, JSC, JSC, TUL1, TUL1, CPCT, CPCT, BG3, BG3, WVT, WVT, BCOK, BCOK, U40A, U40A, HHAR, MSTX, MSTX, GSVT, U38A, HICK, PARMO, TKL, TKL, TKL, PBMO, PBMO, BIRD, BIRD, AMTX, AMTX, AMTX, KMSC, U49A, U49A.

2015 NOV

Table with columns for station call letters, frequency, and signal strength. Includes stations like T45A, MGMO, T47A, W57A, W57A, BAUV, BAUV, TZTN, TZTN, TZTN, V55A, V55A, SRIG, SRIG, T50A, S39A, S39A, S44C, S44C, S44C, 121A, 121A, 121A, CCM, CCM, R40A, R40A, U56A, U56A, CNCC, BNM, S51A, S51A, WCI, WCI, WCI, ATAH, ATAH, OLIL, Q44A, Q44A, ANMO, ANMO, ANMO, ANMO, R50A, R50A, R50A, B32A, R32A, R32A, KSU1, KSU1, TUC, TUC, R53A, R53A, P46A, P46A, T25A, P48A, P48A, Q52A, Q52A, T60A, X18A, Q54A, Q54A, 214A, 214A, 214A, S22A, S22A, 053A, M50C, 054A, 054A, L40A, L40A, P57A, P57A, TBGT, O56A, O56A, GLA, GLA, ISCO, N54A, N54A, N54A, JFWS, M53A, M53A, M53A, PDMCI, SSPA, P60A, P60A, SWSC, BC3, BC3, IRM, ERPA, ERPA, KNB, M57A, M57A.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like BELC, ECSD, PFO, N59A, GMRC, MTPU, BRNJ, BRNJ, Q16A, MURC, CCUT, CCUT, P17A, MVU, HEC, TMUT, TCRU, TCRU, PAL, RDMU, SHPR, BINY, BINY, SPMN, SPMN, SC12, BFSC, K12A, K22A, L59A, MPU, PSUT, PSUT, NLU, KSCT, EDW2, MPMC, DUG, DUG, TCUT, J58A, R11A, DELO, L61B, PDAR, PDAR, PDAR, BW06, BGU, PKM, VES, HVU, LONY, LONY, LONY, REDW, ELK, TPAW, NVAR, NVAR, NVAR, MDPB, LHV, FRNY, KVN, LBHN, AGMN, PTGA, PTGA, ETMB, RLMT, BMN, MACA, MACA, YERR, PNTR, HLID, HLID, PAHR, BOZ, MFID, PKME, ULM, ULM, ULM, WVOR, EGMT, MSO, M04C, I07A, M02C, L04D, MDP, MDP, J04D.

Table with columns: ID, Name, Az, El, P, R, Az, El, P, R. Contains station data for the left half of the page.

Table with columns: ID, Name, Az, El, P, R, Az, El, P, R. Contains station data for the middle section of the page.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res, h, m, s, ISC. Contains station data for the right half of the page, including a large block of text at the bottom.

ATH 25 10:51:35.7,36.19N;23:33E,h72km,3km,ML3.6/6,Error ellipse: s-maj=4.1km s-min=1.8km az=238.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KTHA Kythira Island, ANKY Antikythira Is, MNVA Monemvasia, etc.

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

IDC 25 10:54:51.8,3.3,13.47N;125.53E,h0km,mb3.5/4, mb1 3.7/4, mb1mx3.4/71, mbmtmp3.5/4, Error ellipse: s-maj=199.6km s-min=28.4km az=67.0

IDC 25 11:06:13.6,0.9,14.57N;55.12E,h0km,mb3.8/11, mb1 4.0/11, mb1mx3.6/66, mbmtmp3.8/11, MS3.5/4, Ms1 3.5/4, ms1mx3.0/50, Error ellipse: s-maj=26.1km s-min=20.4km az=136.0

IDC 25 11:06:15.7,0.5,14.61N;0.0855E,0.1,h14km,n47, o#82/39,mb4.1/19,MS3.4/3, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOCV Socotra, ATD Arta Tunnel, HRA Herat, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOSA Boshof, SONM Cape Leeuwin H, USRK USSuriyark Ar, etc.

IDC 25 11:11:47.9,0.8,15.253S;173:37W,h0km,mb4.2/8, mb1 4.5/8, mb1mx4.0/41, mbmtmp4.2/8, MS3.7/12, Ms1 3.7/12, ms1mx3.5/36, Error ellipse: s-maj=44.2km s-min=17.4km az=146.0

NEIC 25 11:11:50.0,2.2,15.058S;0.05:172:94W,0.08,h10km,1km, mb4.8/53, Error ellipse: s-maj=14.2km s-min=5.9km az=245.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI 419nm,0.3s,baz=180,slow=9,SNR=29, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QZR Quartz Range, TAOE Nuku Hiva Is, H11S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, MCQ Macquarie Isla, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WB0 Warramunga Arr, WB2 Warramunga Arr, WRB Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MJAR Matsuhiro Arr, MJB9 Matsu-Tunnel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, N19K Bonanza Creek, ELK Elko, etc.

Table with columns: Call Sign, Frequency, Mode, Power, SNR, and other parameters. Includes stations like AAK, USP, AML, ZAA0, ZALV, etc.

Table with columns: Call Sign, Frequency, Mode, Power, SNR, and other parameters. Includes stations like J20K, K2AK, K2AK, K2AK, etc.

Table with columns: Call Sign, Frequency, Mode, Power, SNR, and other parameters. Includes stations like MNK, MNK, MNK, MNK, etc.

IDC 25 11:32:37.4 1.3 36.22S:53.00E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.4/59, mbtmpr3.8/3, Error ellipse: s-maj=47.6km s-min=38.5km az=140.0

NEIC 25 11:32:39.9 1.4 36.31S:09.53E:0.2, h10km, 1km, mb4.6/1.6, Error ellipse: s-maj=22.9km s-min=15.4km

ISC 25 11:32:38.6 0.6 36.25S:01.10E:0.1, h10km, n28, o656/26, mb4.3/10, South Indian Ocean

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

25d 13h

JMA 25 13:10:45.6:0.1,23.47N,121.65E,h48km,2km,M3.8
 TAP 25 13:10:46.5:23.51N,121.63E,h48km,ML3.5,C
 ISC 25 13:10:46.7:1.2,23.48N,0.02,121.68E,0.02,h43km,5km,
 n110,c0994/195,1C,Taiwan

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
HGSD	Ruisui	0.23 272	P	13 10 54.5	-0.1
HGSD	baz=264		S		
TEGC	Jichi Village	0.26 331	P	13 10 54.8	-0.1
TEGC	baz=342		S		
ECBN	Changbin	0.27 231	i P	13 10 55.1	+0.2
ECBN	baz=212		i S		
EGFH	Guangfu	0.29 309	P	13 10 55.0	-0.2
EGFH	baz=300		S		
EGFH	baz=300		S		
EHY	Hungye	0.33 274	eP	13 10 54.9	-0.6
EHY	baz=268		S		
EYUL	Yuli	0.36 248	P	13 10 56.2	+0.3
EYUL	baz=250		eS		
EYUL	Yu-li	0.36 256	eP	13 10 55.4	-0.6
EYUL	baz=257		S		
YULB	Yuli	0.37 250	i P	13 10 55.5	-0.5
TWFI	Yuli	0.37 250	i P	13 10 55.5	-0.5
TWFI	baz=252		S		
TEYL	Yanliu Villag	0.39 349	eP	13 10 56.5	+0.2
TEYL	baz=5.0		eS		
ESL	Shilin	0.40 326	i P	13 10 55.6	-0.7
ESL	baz=325		S		
FULB	Fulli	0.45 231	eP	13 10 56.7	-0.3
FULB	baz=235		eS		
CHKT	Chengkung	0.48 217	eP	13 10 57.7	+0.3
CHKT	baz=202		S		
HWA	Hwalien	0.50 352	eP	13 10 58.0	+0.4
HWA	baz=3.0		eS		
ETM	Tongmen	0.51 341	eP	13 10 57.1	-0.6
WVDT	WVDT	0.56 299	eP	13 10 58.2	-0.2
WVDT	baz=302		eS		
ECS	Chishang	0.57 228	eP	13 10 58.2	-0.4
ECS	baz=221		S		
TWD	Chiawan	0.60 353	i P	13 10 58.5	-0.5
TWD	baz=351		eS		
EDH	Donghe	0.61 214	eP	13 10 58.5	-0.6
EDH	baz=218		eS		
OWD	Renai	0.66 316	i P	13 10 59.2	-0.6
OWD	baz=218		i P		
YUS	Yu-Shan	0.67 271	i P	13 10 59.8	-0.4
YUS	baz=272		eS		
ELDTW	Lidau	0.67 244	eP	13 10 58.0	-1.1
ELDTW	baz=236		S		
ETL	Fush Village	0.67 356	eP	13 10 59.0	-0.9
ETL	baz=352		eS		
NACB	Ninganchiao	0.69 354	P	13 10 59.3	-0.8
NACB	baz=349		S		
SSLB	Suanglung	0.73 295	P	13 10 60.0	-0.7
SSLB	baz=294		S		
CHGB	Renai	0.74 321	i P	13 11 00.5	-0.5
CHGB	baz=330		eS		
ETLH	Xiulin Townshi	0.74 346	eP	13 10 59.8	-1.1
ETLH	baz=343		eS		
WHF	Hehuan Shan	0.76 330	eP	13 11 00.4	-1.0
WHF	baz=334		eS		
LONT	Longtian	0.76 221	i P	13 10 59.9	-1.2
LONT	baz=215		eS		
LONT	baz=215		eS		
ALS	Alishan	0.80 272	i P	13 11 02.2	+0.3
ALS	baz=277		S		
SMLT	Sun Moon Lake	0.82 299	P	13 11 01.7	-0.2
SMLT	baz=300		eS		
LDUT	Ludao	0.83 193	eP	13 11 00.9	-1.1
LDUT	baz=182		eS		
FUSS	Fushou	0.86 333	i P	13 11 02.3	-0.3
FUSS	baz=336		eS		
TWGBT	Beinan	0.86 220	eP	13 11 01.0	-1.4
TWGBT	baz=214		eS		
TYC	Yuch	0.86 299	P	13 11 02.4	0.0
TYC	baz=300		eS		
TWG	Pinliang	0.86 220	eP	13 11 01.2	-1.3
TWG	baz=214		eS		
STYH	Taoyuan	0.89 250	eP	13 11 02.9	+0.2
STYH	baz=240		P		
TWT	Tachien	0.89 329	eP	13 11 02.8	-0.2
TWT	baz=333		eS		
TDCB	Techi	0.90 328	P	13 11 02.9	-0.3
TDCB	baz=333		eS		
WCS	Beigang Elemen	0.91 309	P	13 11 02.9	-0.1
WCS	baz=317		P		
CHNS	Tsauling	0.93 277	P	13 11 03.5	+0.2
CHNS	baz=275		eS		
CHNS	baz=275		eS		
WJS	Zhushan	0.93 291	P	13 11 04.0	+0.6
WJS	baz=290		eS		
ENA	Nanau	0.94 4	eP	13 11 03.2	-0.4
ENA	baz=17		eP		
EWUT	Wuta	0.96 5	eP	13 11 03.0	-0.8
EWUT	baz=20		eS		

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NNSB	Datong	0.98 344	P	Pn	13 11 03.7	-0.4
NNSB	baz=349		eS	Sn	13 11 15.9	-1.0
TPUB	Taipei	0.98 259	eP	Pn	13 11 04.7	+0.6
TPUB	baz=256		eS	Sn	13 11 18.1	+1.3
NNS	Nan Shan	0.99 344	eP	Pn	13 11 04.0	-0.4
NNS	baz=355		eS	Sn	13 11 16.8	-0.5
WNT	Mingjian	0.99 294	eP	Pn	13 11 05.2	+1.0
WNT	baz=282		eS	Sn	13 11 18.2	+1.2
WTP	Ta-pu	1.01 257	eP	Pn	13 11 04.9	+0.5
WTP	baz=260		eS	Sn	13 11 18.7	+1.2
WNTI	Nantou City	1.01 295	eP	Pn	13 11 04.9	+0.4
WNTI	baz=295		eS	Sn	13 11 05.2	+0.3
WHP	Taichung City	1.04 320	eP	Pn	13 11 05.2	+0.3
WHP	baz=322		eS	Sn	13 11 18.4	+0.1
WGK	Gukeng	1.04 281	eP	Pn	13 11 05.0	+0.1
WGK	baz=280		eS	Sn	13 11 04.7	-0.4
WWF	Wufeng	1.06 302	eP	Pn	13 11 06.0	+0.8
WWF	baz=302		eS	Sn	13 11 20.5	+1.7
WDLH	Douliu	1.06 281	P	Pn	13 11 05.9	+0.6
WDLH	baz=280		eS	Sn	13 11 05.9	+0.6
SLGT	Liugui	1.07 243	eP	Pn	13 11 05.2	+1.6
SLGT	baz=238		eS	Sn	13 11 05.7	+0.3
SGST	Jiashian	1.08 249	P	Pn	13 11 20.7	+1.4
SGST	baz=237		eS	Sn	13 11 06.2	+0.6
CHN1	Nanshi	1.10 255	eP	Pn	13 11 21.3	+1.6
CHN1	baz=251		eS	Sn	13 11 04.2	-1.6
ECL	Taimali	1.11 217	eP	Pn	13 11 18.2	-1.6
ECL	baz=211		eS	Sn	13 11 06.0	+0.1
WYL	Yuanlin Townsh	1.11 296	eP	Pn	13 11 20.4	+0.4
WYL	baz=286		eS	Sn	13 11 06.3	+0.4
HWK	Hsiyung	1.11 259	eP	Pn	13 11 21.3	+1.2
HWK	baz=256		eS	Sn	13 11 06.3	+0.4
SNST	Tainan City	1.12 257	eP	Pn	13 11 21.1	+1.0
SNST	baz=254		eS	Sn	13 11 06.4	+0.3
NDT	Datong Townshi	1.12 352	eP	Pn	13 11 07.0	+0.8
NDT	baz=306		eS	Sn	13 11 21.7	+1.2
TCU	Taichung	1.13 306	eP	Pn	13 11 06.1	0.0
TCU	baz=306		eS	Sn	13 11 20.6	+0.1
TWC	Suao	1.13 8	eP	Pn	13 11 05.8	-0.5
TWC	baz=22		eS	Sn	13 11 05.8	-0.5
NDS	Dongshan	1.15 2	eP	Pn	13 11 06.7	+0.3
NDS	baz=357		eS	Sn	13 11 21.3	+0.4
CHY	Chiayi	1.15 271	P	Pn	13 11 05.9	-0.6
CHY	baz=268		eS	Sn	13 11 07.8	+1.0
ENTT	Nioudou	1.16 355	eP	Pn	13 11 24.0	+2.2
ENTT	baz=1.0		eS	Sn	13 11 07.6	+0.6
WCHH	Zhanghua	1.19 300	eP	Pn	13 11 07.6	+0.6
WCHH	baz=300		eS	Sn	13 11 07.6	+0.6
TWQ1	Liyutan	1.19 316	eP	Pn	13 11 24.0	+1.9
TWQ1	baz=317		eS	Sn	13 11 06.7	-0.3
WTK	Tuku	1.20 280	eP	Pn	13 11 23.2	+1.1
WTK	baz=279		eS	Sn	13 11 07.9	+0.7
SSD	Sandimen	1.21 233	eP	Pn	13 11 23.6	+1.1
SSD	baz=227		eS	Sn	13 11 07.2	-0.2
YHNB	Yeheng	1.21 347	eP	Pn	13 11 22.5	-0.1
YHNB	baz=1.0		eS	Sn	13 11 07.5	0.0
NSK	Sanguang	1.22 346	eP	Pn	13 11 22.5	-0.3
NSK	baz=226		eS	Sn	13 11 08.3	+0.9
TSMG	Majia	1.23 231	eP	Pn	13 11 24.2	+1.4
TSMG	baz=226		eS	Sn	13 11 07.2	-0.3
TWE	Neicheng	1.23 360	eP	Pn	13 11 08.4	+0.7
TWE	baz=357		eS	Sn	13 11 25.9	+2.3
NSY	Sanji	1.25 318	eP	Pn	13 11 08.1	+0.2
NSY	baz=319		eS	Sn	13 11 24.4	+0.7
WRL	Guo'erlin Hig	1.26 289	eP	Pn	13 11 08.3	+0.2
WRL	baz=288		eS	Sn	13 11 08.8	+0.7
WDJ	Dajia District	1.28 312	eP	Pn	13 11 26.3	+2.1
WDJ	baz=313		eS	Sn	13 11 08.3	+0.1
ICHU	Yijhu	1.29 265	eP	Pn	13 11 25.2	+0.8
ICHU	baz=262		eS	Sn	13 11 08.3	-0.1
MASBT	Mashibuluo	1.30 228	eP	Pn	13 11 26.4	+1.1
MASBT	baz=219		eS	Sn	13 11 26.4	+1.1
NWLT	Wulai	1.30 353	eP	Pn	13 11 08.5	0.0
NWLT	baz=219		eS	Sn	13 11 08.9	+0.5
NSTT	Nanjuang	1.30 332	eP	Pn	13 11 09.2	+0.6
NSTT	baz=7.0		eS	Sn	13 11 25.9	+1.1
LIOB	Emei	1.31 333	eP	Pn	13 11 09.2	+0.4
LIOB	baz=322		eS	Sn	13 11 26.4	+1.1
NMLH	Miaoili	1.33 322	eP	Pn	13 11 26.4	+1.1
NMLH	baz=323		eS	Sn	13 11 26.4	+1.1
TWMI	Shoushan	1.33 241	P	Pn	13 11 28.5	+3.2
TWMI	baz=236		S	Sn	13 11 26.8	+1.4
WTCT	Taifeng	1.33 287	eP	Pn	13 11 08.2	-0.7
WTCT	baz=276		eS	Sn	13 11 09.3	+0.1
EAST	Anshuo	1.34 215	eP	Pn	13 11 27.0	+1.1
EAST	baz=204		eS	Sn	13 11 11.0	+1.0
CHN8	Yiji	1.35 264	eP	Pn	13 11 09.5	-0.9
CHN8	baz=263		eS	Sn	13 11 11.0	+0.2
CHN8	baz=263		eS	Sn	13 11 30.1	+1.2
SSPT	Xinbi	1.43 226	eP	Pn	13 11 11.7	+0.6
SSPT	baz=208		eS	Sn	13 11 29.9	+0.6
LAY	Lan-yu	1.44 185	eP	Pn	13 11 12.6	+0.6
LAY	baz=173		eS	Sn	13 11 12.6	+0.6
SCZT	Fangliu	1.48 222	eP	Pn	13 11 12.6	+0.6
SCZT	baz=206		eS	Sn	13 11 13.2	+0.8
TIPB	Shuangxi	1.49 5	eP	Pn	13 11 14.2	+0.8
TIPB	baz=2.0		eS	Sn	13 11 14.2	+0.8
YOJ	Yonaguni jima	1.56 51	P	Pn	13 11 14.2	+0.8
YOJ	baz=369		eP	Sn	13 11 14.2	+0.8
NWF	Wu-fen Shan	1.58 3	eP	Pn	13 11 14.2	+0.8
NWF	baz=369		eP	Sn	13 11 14.2	+0.8
YMO1	YMO1	1.66 357	eP	Pn	13 11 14.2	+0.8

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PHUB	Peng-hu	1.93 271	eP	Pn	13 11 16.7	-0.4
PHUB	baz=269		eS	Sn	13 11 39.9	-0.3
PNG	Penghu	1.95 273	eP	Pn	13 11 16.9	-0.4
PNG	baz=271		eS	Sn	13 11 39.7	-0.9
HATJ	Hateruma jima	2.03 73	P	Pn	13 11 18.7	+0.3
HATJ	baz=271		eS	Sn	13 11 43.2	+0.6
IRIF	Iriomote-Funau	2.06 65	P	Pn	13 11 19.4	+0.6
IRIF	baz=271		eS	Sn	13 11 19.4	+0.6
JKRS	Kuro-shima	2.26 70	P	Pn	13 11 22.3	+0.7
JKRS	baz=271		eS	Sn	13 11 50.0	+1.7
JJ	Ishigaki jima	2.42 68	P	Pn	13 11 23.8	0.0
JJ	baz=271		eS	Sn	13 11 52.0	-0.2
JISG						

25d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB10, PB04, PB07, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BOAV, CMCO1, NBIT, etc.

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

IDC 25 15:40:13.9;343.0,54:08N;43:34E, h0km, Error ellipse: s-maj=148.9km s-min=86.5km az=135.0, Baltic States-Belarus-Northern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I43RU, I31KZ, I46RU.

IDC 25 15:49:03.8;1.2,4:35S;133:88E, h0km, mb3.9/4, m1.4/4.9, mb1mx3.9/40, mbmtm4.2/9, ML4.3/5, MS3.3/4, ML1.3/3.4, ms1mx2.7/48, Error ellipse: s-maj=37.1km s-min=20.6km az=69.0

NEIC 25 15:49:06.3;2.7,4:15S;101:133.8E;0.1, h33km,9km, mb4.2/1.0, Error ellipse: s-maj=20.9km s-min=11.6km az=224.0

DJA 25 15:49:07.4;0.3,4:3S;13:4E, h10km, M4.4/1.0, mB5.2/2, mb4.5/1.0, MLv4.3/6, Mw(mB)4.5/2

ISC 25 15:49:05.0;0.6,4:36S;05:133.70E;0.06, h10km, n44, c2814/0, mb4.0/5, Irian Jaya region

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

25d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK Ala-Archa, FRU1 Bishkek, and many others.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KLMR Klimovskoe, AKASG Malin Array Be, and many others.

1580

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like A36M comp=Z,4.6nm,0.9s, L27K Beaver Creek, and many others.

25d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lithakia, Ano Chora, KASSIOP, Kerkira, Drossia, etc.

THE 25 17:51:26.4, 38.72N-20.60E, h12km, ML3.7/5, Error ellipse: s-maj=0.9km s-min=0.4km az=294.0

ATH 25 17:51:26.5, 38.72N-20.62E, h12km, ML3.4/9, Error ellipse: s-maj=1.8km s-min=0.8km az=296.0

ICD 25 17:51:26.5, 10.0, 39.03N-20.80E, h0km, mb3.7/4, mb1 3.7/5, mb1mx3.4/4.5, mbtmp3.7/5, ML3.5/1, Error ellipse: s-maj=195.0km s-min=30.3km az=33.0

ISC 25 17:51:25.9, 0.7, 38.72N-0.02-20.60E, 0.04, h14km, 4km, n59, c=46/70, mb3.7/4, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dragano-Lefkada, Nydri-Lefkada, Lefkada island, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRO Drossia, KEK Kerkira, SERG Sergoula, etc.

NEIC 25 17:57:45.8, 1.7, 35.88N-0.02-96.90W, 0.02, h5km, 2km, Error ellipse: s-maj=4.1km s-min=3.0km az=135.0

TUL 25 17:57:45.8, 1.5, 35.88N-0.02-96.87W, 0.02, h5km, 6km, ML3.0, mb, Lg2.6/28(NEIC), Error ellipse: s-maj=3.5km s-min=1.6km az=131.0

ANF 25 17:57:46.1, 0.2, 35.91N-96.89W, h5km, ML2.9/10, Error ellipse: s-maj=2.8km s-min=2.1km az=160.0

ISC 25 17:57:45.9, 0.9, 35.89N-0.03-96.89W, 0.02, h11km, 6km, n53, c=72/55, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OK031 S. Brethren Rd, OK033 Cody Creek RV, OK033 Mehlan, etc.

1582

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, SONM Songino Array, etc.

IDC 25 17:58:38.5, 0.0, 14.68N-54.97E, h0km, mb3.9/13, mb1 4.0/13, mb1mx3.8/6.0, mbtmp3.9/13, MS3.1/3, Ms1 3.1/3, ms1mx2.7/4.6, Error ellipse: s-maj=24.0km s-min=18.2km az=133.0

NEIC 25 17:58:40.5, 1.7, 14.56N-0.08-55.0E, 0.1, h10km, 1km, mb4.0/8, Error ellipse: s-maj=20.0km s-min=12.0km az=292.0

ISC 25 17:58:39.9, 0.6, 14.55N-0.09-54.9E, 0.1, h14km, n30, c=1928/23, mb3.9/15, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOCY Socotra, ARTA Tunnel, RAYN Ar Rayn, etc.

IDC 25 18:06:25.9, 2.2, 14.53N-16.08E, h0km, mb3.7/5, mb1 3.7/5, mb1mx3.4/7.8, mbtmp3.7/5, Error ellipse: s-maj=62.6km s-min=31.2km az=163.0, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KURBS Kurchatov Arr, etc.

25d 18h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GAR Garm, AKTO Chuyangaron, NIL Nilore, etc.

2015 NOV

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GZR Gura Zlata, BRTR Keskin Array B, GERES GRESS Array B, etc.

1584

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

Table with columns: ID, Name, Time, Frequency, and other details. Includes entries like PB07 IPOC Station P, PB09 IPOC Station P, PB04 IPOC Station P, etc.

Table with columns: ID, Name, Time, Frequency, and other details. Includes entries like V55A comp=Z,9.5nm,0.6s, X48A Hartsele, U48A King, etc.

Table with columns: ID, Name, Time, Frequency, and other details. Includes entries like T25A Trinidad, D62A Allappont, L34A Bjergsden Farm, etc.

Table with columns: ID, Name, Time, Frequency, and other details. Includes entries like VLD0 ECSD, X16A Lo Mia Camp, M16A Mesa Verde, etc.

25d 18h

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like USA0B, USRKR, USRKR, USRKR, etc.

2015 NOV

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like TAU, KOLN, DANN, PYUN, etc.

1588

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like PET, PET, PET, ZSN, etc.

1591

2015 NOV

25d 19h

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like BMR, CJR, CJR, KWP, KWP, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like ABTA, WTTA, WTTA, WTTA, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like DBIC, ACCO, TIC, M53A, etc.

25d 19h

Table with columns for station name, frequency, and other technical details. Includes stations like DZM, MONT, NOUC, ONTNC, etc.

2015 NOV

Table with columns for station name, frequency, and other technical details. Includes stations like FAKI, ANAZ, FORT, etc.

1592

Table with columns for station name, frequency, and other technical details. Includes stations like KEST, TORD, IDC, SKHL, etc.

25d 21h

Table with columns for station name, frequency, and other technical details. Includes stations like ITBZ, GRMI, NHRD, CHMN, ISHB, etc.

2015 NOV

Table with columns for station name, frequency, and other technical details. Includes stations like GROC, GROC, GROC, ONI, WSRAR, etc.

1596

Table with columns for station name, frequency, and other technical details. Includes stations like AKTO, AKTO, NIL, NIL, KARATAY, etc.

1597

Table with columns for station call letters, city, frequency, power, and other technical details. Includes stations like FRU1 Bishkek, COPA Copaceanca, IAS lasi, etc.

2015 NOV

Table with columns for station call letters, city, frequency, power, and other technical details. Includes stations like BRZS, FURI Furi, OBN Obninsk, etc.

25d 21h

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

25d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRAC Vranov, SOKA Soboth, KRALC Kraliky, etc.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like VLC Villacollemand, SOTA Sankt Quirin, SOTA Sankt Quirin, etc.

1598

Table with columns for station name, frequency, power, and other technical details. Includes stations like LVZ Lovozero, LVZ Louzere, LVZ Dourbes, etc.

1601

Table with columns: Station Name, Frequency, Class, Mode, and other parameters. Includes stations like HTW, MBPA, C05A, etc.

2015 NOV

Table with columns: Station Name, Frequency, Class, Mode, and other parameters. Includes stations like C03A, F05D, OCP, etc.

25d 21h

Table with columns: Station Name, Frequency, Class, Mode, and other parameters. Includes stations like SANI, SNI, TMT, etc.

Technical notes and coordinates for stations, including IDs like IDC 25 21:50:01.4, 1.9, 13.19N:93.63E, h0km, mb3.7/4, etc.

Technical notes and coordinates for stations, including IDs like IDC 25 21:50:00.4, 1.4, 13.8N:0.1x92.9E=0.1, h35km, n18, etc.

25d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JEM Erimo, JTHR Tokachihiroo, JTHR Iburiatsumo, etc.

2015 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINES FINESS Array B, NOA NORSAR Array S, AKASA Malin Array B, etc.

1602

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSR Koster, SWZ Schweizer, HRAO HarRAO, etc.

az=222.0
IDC 25 22:44:45.6:8.3, 6.64N-95.13E, h170km, 75km, mb3.3/10,
mb1 3.5/11, mb1mx3.2/46, mbtmp3.8/11, MS3.1/3,
Ms1 3.5/13, ms1mx3.4/20, Error ellipse: s-maj=59.9km
s-min=13.6km az=56.0

ISC 25 22:44:30.8:0.7, 6.54N,0.09,-94.93E,0.008, h35km, n49,
o574/39, mb4.2/20, MS3.5/9, Nicobar Islands region

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

MAN 25 22:56:40.4, 4.91N, 126.57E, h1km, mb5.0, ML3.9, MS3.9
NEIC 25 22:56:42.7:2.2, 4.77N,0.05,-126.35E,0.07, h57km, 7km,
mb4.4/30, Error ellipse: s-maj=10.7km s-min=7.2km
az=79.0

IDC 25 22:56:43.6:1.4, 4.69N,126.20E, h73km, 13km, mb3.8/16,
mb1 4.0/20, mb1mx3.8/49, mbtmp4.2/20, Error ellipse:
s-maj=23.6km s-min=8.8km az=79.0

DJA 25 22:56:46.2:0.7, 4.16N, 126.61E, h59km, 6km, M4.5/24,
mb5.1/8, mb4.6/24, MLV4.5/15, Mw(MB)4.4/8

ISC 25 22:56:45.9:0.4, 4.67N,0.04,-126.24E,0.06, h100km, n96,
o1996/102, mb4.2/30, Tolau Islands

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

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their data points.

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

IDC 25 23:31:28.5:2.6, 3.33N-128.65E, h0km, mb3.2/3,
mb1 3.4/3, mb1mx3.3/32, mbtmp3.2/3, MS2.7/1, Ms1 2.7/1,
ms1mx2.4/12, Error ellipse: s-maj=172.9km
s-min=28.7km az=68.0, North of Halmahera

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

NOU 25 23:31:50.5, 14.62S-167.12E, h126km, MLV4.3/6,
Vanuatu Islands, Vanuatu Islands

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

MAN 25 23:32:11.2, 10.28N-124.76E, h2km, mb4.2, ML3.1, MS2.8,
Leyte

IDC 25 23:48:44.0:1.0, 34.31N-25.47E, h0km, mb3.9/9,
mb1 4.0/16, mb1mx3.8/58, mbtmp3.9/16, ML3.6/7, Error
ellipse: s-maj=20.3km s-min=15.3km az=28.0

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

26d Oh

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

ADC 25 23:49.34.0.0, 10.495:71.08W, h591km, 12km, mb3.2/10, mb1 3.4/15, mb1mx3.2/45, mbtmp4.2/15, Error ellipse: s-maj=18.3km s-min=11.7km az=30.0

VAO 25 23:49:34.4.0.3, 10.465:71.16W, h593km, 4km, mb4.2 NEIC 25 23:49:34.4.1.5, 10.525:71.10W.0.1, h592km, 7km, mb4.2/25, Error ellipse: s-maj=18.9km s-min=13.9km az=77.0

ISC 25 23:49:34.5.0.4, 10.515:0.06:71.13W.0.07, h602km, n95, +0984/100, mb4.1/19, Peru-Brazil border region

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

2015 NOV

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

MOS 25 23:50:00.3.0.0, 40.87N:46.55E, h2km, MPVA2.8 DRS 25 23:50:02.9.0.0, 40.48N:46.27E, h23km DDA 25 23:50:05.0, 40.82N:46.74E, h60km, 2.7km, ML1.8

ISC 25 23:50:03.8.2.4, 40.70N.10.146:55E.0.04, h19.9km, 4km, n16, +0168/31, Eastern Caucasus

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

ADC 25 23:58:41.1.3.6, 7.23N:94.06E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.3/4.1, mbtmp3.6/5, Error ellipse: s-maj=153.3km s-min=22.6km az=62.0, Nicobar Islands region

1604

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S3, H08S2, H08S1, etc.

DJA 26 00:15:03.7.0.4, 1°N.3°12'7E, h10km, M3.2/5, MLV3.2/5 IDC 26 00:15:03.8.2.2, 0.89N:127.39E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/46, mbtmp3.7/3, MS3.5/1, Ms1 3.5/1, ms1mx2.6/43, Error ellipse: s-maj=167.2km s-min=27.4km az=66.0

ISC 26 00:15:05.3.1.6, 1.0N.0.1:127.5E.0.2, h10km, n6, +0055/6, mb3.7/3, Halmahera

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

BUI 26 00:17.18.1.0.0, 4.95S:145.77E, h197km, mB5.1/34, mb5.2/72 IDC 26 00:17:20.8.0.7, 4.78S:145.25E, h179km, 6km, mb4.7/37, mb1 4.7/43, mb1mx4.6/58, mbtmp5.2/43, MS4.0/4, Ms1 4.0/4, ms1mx3.2/34, Error ellipse: s-maj=8.9km s-min=6.0km az=97.0

MOS 26 00:17:20.7.0.7, 4.75S:145.22E, h190km, mB5.1/39, Error ellipse: s-maj=9.6km s-min=5.0km az=110.1 NEIC 26 00:17:22.8.1.4, 4.79S:0.06:145.15E.0.07, h187km, 5km, mB5.1/35, Error ellipse: s-maj=10.7km s-min=8.8km az=70.0

GCMT 26 00:17:23.8.0.3, 4.73S:0.02:145.21E.0.03, h202km, 3km, MW5.1/93, Moment Tensor Solution. s13.c15: s93.c12; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=4.49; 2.2; Mw=3.97; 2.4; Mb=0.52; 2.7; Mo=0.53; 19; Mo=2.73; 2.2; Mw=3.03; 2.0; Best double couple: Ms=8.9300; 10^16 NPa; s93.0000; 3.46.0000; 1.132.0000; Nf2: 0.326.0000; 3.58.0000; 1.55.0000; Principal axes: T 5.580, Plg=0.000; Azm=32.000; N 0.6140, Plg=20.000; Azm=125.000; P -6.199, Plg=61.000; Azm=290.000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 26 00:17:23.8.0.2.5, 5.2S:14.5E, h192km, 3km, M4.9/80, mb5.3/80, mb5.4/49, MLV5.4/6, MW(mB)4.9/49

ISC 26 00:17:25.0.0.5, 4.75S:0.04:145.18E.0.05, h187km, 4km, n17, n8km, cp-P, n446, +0107/47.1, mb5.1/178, 3C-13D, Near north coast of New Guinea

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

CTA 26 00:49.0.0.1, 0.9m, 0.3s, baz=354, slow=16, SNR=14 CTAO 26 00:49.0.0.1, 0.9m, 0.3s, baz=354, slow=16, SNR=14 CTAO 26 00:49.0.0.1, 0.9m, 0.3s, baz=354, slow=16, SNR=14

CTAO 26 00:49.0.0.1, 0.9m, 0.3s, baz=354, slow=16, SNR=14 CTAO 26 00:49.0.0.1, 0.9m, 0.3s, baz=354, slow=16, SNR=14

MTN 26 00:57.2.0.1, 0.9m, 0.3s, baz=354, slow=16, SNR=14 MTN 26 00:57.2.0.1, 0.9m, 0.3s, baz=354, slow=16, SNR=14

MSAI 26 00:59.5.0.4, 0.9m, 0.3s, baz=354, slow=16, SNR=14 AAI 26 00:59.5.0.4, 0.9m, 0.3s, baz=354, slow=16, SNR=14

PATS 26 01:15.0.0.7, 0.9m, 0.3s, baz=354, slow=16, SNR=14 GUMO 26 01:21.2.0.0, 0.9m, 0.3s, baz=354, slow=16, SNR=14

GUMO 26 01:22.4.0.0, 0.9m, 0.3s, baz=354, slow=16, SNR=14 GUMO 26 01:22.4.0.0, 0.9m, 0.3s, baz=354, slow=16, SNR=14

GUMO 26 01:22.4.0.0, 0.9m, 0.3s, baz=354, slow=16, SNR=14 GUMO 26 01:22.4.0.0, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WBO 26 01:22.4.0.0, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WBO 26 01:22.4.0.0, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WRO 26 01:21.2.0.2, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WRO 26 01:21.2.0.2, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WRAB 26 01:23.9.0.6, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WRAB 26 01:23.9.0.6, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14

WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14 WRA 26 01:24.0.0.5, 0.9m, 0.3s, baz=354, slow=16, SNR=14

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BATI, LUWI, DAV, MMR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MJAR, BKN, KSR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PEAOB, PETK, ZEA, etc.

26d 0h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KDJ, Kajsay, KSH, ARXS, etc.

2015 NOV

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like SCM, MCK, WATE, NEA2, etc.

1606

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like A36M, KIRV, NVAR, YKA, etc.

26d Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MARP, MACC, HZTE, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MACA, MACA, M54A, etc.

1608

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SIV, PTLB, SNOB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like RND Reindeer, MCK McKinley, NEA2 Nena, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSP Chvalec, OSTO Osto, UPC Upice, etc.

26d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JNU, JMN, JHS, JWF, KRSR, etc.

GUC 26.00:45:29.2, 0.9, 31.45S, 71.22W, h16km, 13km, ML3.7
IDC 26.00:45:32.7, 2.7, 32.01S, 72.33W, h59km, 29km, mb3.6/1,
mb1.3/7.4, mb1mx3.4/3.4, mbtrp3.7/4, ML3.5/3, MS3.2/1,
ms1.3/2.1, ms1mx2.8/1.8, Error ellipse: s-maj=46.6km,
s-min=29.0km az=110.0

ISC 26.00:45:26.5, 3.2, 31.61S, 0.06, 71.9W, 0.2, h1km, 20km, n23,
a152Z22, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Fray Jorge, Catapilco, El Roble, San Esteban, Peidehue, etc.

GUC 26.00:51:34.4, 0.7, 31.69S, 72.14W, h36km, 2km, ML3.5
IDC 26.00:51:36.0, 2.7, 31.81S, 71.04W, h0km, mb3.6/1,
mb1.3/7.2, mb1mx3.5/2.7, mbtrp3.6/2, ML3.4/1, Error
ellipse: s-maj=133.2km s-min=44.5km az=97.0

ISC 26.00:51:31.9, 1.8, 31.69S, 0.03, 72.3W, 0.1, h13km, 10km,
n24, a152Z42, 3C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Fray Jorge, Catapilco, El Roble, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ROCH, VA03, MT02, GO04, etc.

ANF 26.00:56:02.6, 0.4, 36.91N, 97.76W, h4km, ML4.3/15, Error
ellipse: s-maj=4.2km s-min=3.6km az=31.0

NEIC 26.00:56:02.8, 1.1, 36.92N, 0.03, 97.78W, 0.05, h5km, 7km,
Error ellipse: s-maj=7.6km s-min=1.7km az=55.0

IDC 26.00:56:02.1, 0.9, 37.02N, 97.78W, h0km, mb3.9/1,
mb1.4/1.4, mb1mx3.6/4.2, mbtrp3.8/4, ML3.4/5, Error
ellipse: s-maj=12.8km s-min=11.2km az=124.0

NEIC 26.00:56:02.5, 36.91N, 97.80W, h4km, Moment Tensor
Solution. Moment tensor: Scale 10^13Nm; Mr=2.52;
Mss=1.48; Mss=1.04; Mss=4.43; Mss=3.07; Mss=0.02; Fault plane
solution: Mbs:82000*10^13 NPT:14.00000, 333.00000,
lambda:152.00000. NP2:260.00000, 875.00000,
lambda:90.00000. Principal axes: T:5.8175, P1g24.0000,
Az=327.0000, N:0.0030, P1g29.0000, Az=71.0000, P:
-5.8206, P1g51.0000, Az=204.0000;

TUL 26.00:56:02.5, 1.1, 36.95N, 0.03, 97.81W, 0.04, h5km, 6km,
ML3.7, mb_Lg3.5/101(NEIC), Mw3.3, 1/14(SLM) Error
ellipse: s-maj=6.7km s-min=0.6km az=224.0

ISC 26.00:56:02.8, 0.7, 36.95N, 0.02, 97.84W, 0.02, h13km, 24km,
n170, a159Z181, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Manchester OK, Grant County #, Caldwell West, etc.

1610

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WMOK, KSU1, CBKS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like SALV Santo Antonio, ISCO Idaho Springs, SLBS Sierra La Laguna, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like H10N2 ASCENSION HYDR61.04, H10N1 ASCENSION HYDR61.05, A36M Sächs Harbour, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like WRA comp=Z,0.8nm,0.5s, ASAR Alice Springs, etc.

NIC 26 01:50:08.6:0.0,35:63N:31.46E, h11km, ML2.6/3
DDA 26 01:51:11.2,35:68N:31.61E, h7km,4km, ML2.0
ISC 26 01:50:10.6:1.3,35:54N:0.04:31.60E:0.04,h13km,11km,
n14,r150/25,Cyprus region

26d 2h

2015 NOV

1614

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Includes stations like ILLIamna Low So, ILLIamna Southw, ILLIamna Volcan, etc.

Table with columns: SCM, Sheep Creek Mo, 3.40, 52, IAML, 02 20 22.7. Includes stations like TATA, TTTA, TTA, etc.

Table with columns: ZALV, Zalesovo Beam, 57.51, 324, P, P, 02 28 29.1 +0.3. Includes station ZALV and detailed beam information.

1615 2015 NOV 26th 2h

Table with columns: Station Name, Frequency, Power, Direction, Time, and other parameters. Includes stations like XMAS Kiriritimati, SYDH Sydney Hard Rock, and various other regional stations.

Table with columns: Station Name, Frequency, Power, Direction, Time, and other parameters. Includes stations like PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, and various other regional stations.

Table with columns: Station Name, Frequency, Power, Direction, Time, and other parameters. Includes stations like KSM Kuching, KSM Kuching, and various other regional stations.

26d 2h

Table with columns for station ID, name, coordinates, elevation, and various signal quality metrics (P, I, A, M, B, etc.).

2015 NOV

Table with columns for station ID, name, coordinates, elevation, and various signal quality metrics (P, I, A, M, B, etc.).

1616

Table with columns for station ID, name, coordinates, elevation, and various signal quality metrics (P, I, A, M, B, etc.).

Table with columns: J26L, Name, RA, Dec, P, M, Date, Mag. Includes entries like Joseph Creek, Neumayer-Stat, Flag Ranch, Boulder Array, etc.

Table with columns: Name, RA, Dec, P, M, Date, Mag. Includes entries like Kurbs Kurchatov Arra, KURBB, KSH, AAK, AAK, NEEM, NOR, etc.

Table with columns: Name, RA, Dec, P, M, Date, Mag. Includes entries like BRTR Keskin Array B, BRTR, BRTR, BRTR, etc.

26d 3h

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like VRAC Vranov, PLN, TANN, WERD, etc.

2015 NOV

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like BFO Black Forest, SOKA, PERS, etc.

1618

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like MK31, AB31, IDC 26 03, etc.

Table with columns: DRK, Karamyk, 0.22 170, eP, Pg, 03 31 07.5, 0.0, etc. Lists various seismic events with station codes and magnitudes.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station details and event parameters for the 2015 NOV period.

Table with columns: ESL, Shilin, 1.64 235, i P, Pn, 04 49 29.1, -0.4, etc. Lists seismic events with station codes and magnitudes.

IDC 26 03:40:17.1±3.1, 33°39'S; 179°80'W, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.4/29, mbtmp3.7/3, ML3.5/1, MS3.4/1, Ms1 3.4/1, ms1mx2.7/29, Error ellipse: s-maj=66.7km

NNC 26 04:57:52.5±1.0, 54°24'N; 86°11'E, h0km, 5km, mb3.9, mpv3.2, 8C-6D, Error ellipse: s-maj=14.1km s-min=5.6km az=158.0, Suspected Mining explosion., Southwestern Siberia

26d 5h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BLOK Salt Plains WL, KAN14 Manchester OK, BCOCK Bluff Creek, N, Norfolk Rd, etc.

2015 NOV

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like P43A Skaggs, Pawnee, ECDSD EROS Data Cent, L40A Anamosa, Y22D IRIS PASSCAL I, SUSD Miller, etc.

1620

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ETMB Extrema, MG02 Cerro Sombrero, GO10 Punta Arenas, TBGT Tabatinga, AM, BDFB Brasilia, etc.

Table with columns: WHAR, comp-Z, Iamb_Lg, Pn, 05 17 22.4, 05 16 01.4 +1.5, 05 16 00.7 +0.4, 05 16 02.4 +1.0, 05 16 03.7 +1.6, 05 16 03.5 +0.8, 05 16 07.1 +0.1, 05 16 10.2 -0.1, 05 17 46.5, 05 16 12.0 +0.2, 05 16 12.7 +0.5, 05 17 53.8, 05 17 45.3, 05 16 14.6 -0.6, 05 18 00.8, 05 16 20.8 +0.3, 05 16 21.8 +1.1, 05 18 05.8, 05 18 18.0, 05 18 20.0, 05 18 21.1, 05 18 36.8, 05 18 30.1, 05 18 30.7, 05 16 58.5 +2.0, 05 18 35.7, 05 18 54.0, 05 16 39.1 -0.4, 05 19 04.1, 05 16 45.4 +0.4, 05 19 09.0, 05 19 17.7, 05 16 46.2 +1.2, 05 19 28.5, 05 19 30.1, 05 19 29.4, 05 16 56.2 +1.3, 05 16 54.4 -0.5, 05 19 21.3, 05 19 35.2, 05 19 48.2, 05 17 28.5 -2.0, 05 22 29.9 -0.3

RSPR 26 05:18:11.5, 19:22N-68:60W, h35km, 31km, MD3.4/5
NEIC 26 05:18:12.8-1.5, 19:3N:0.1:68.41W:0.02, h36km, 74km,
Error ellipse: s-maj=21.6km s-min=3.2km az=183.0
ISC 26 05:18:11.4-1.9, 19:1N:0.2:68.61W:0.08, h35km, n29,
o577/28, 5C-1D, North Atlantic Ocean

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

NNC 26 05:19:22.0-4.0, 42:53N:70:44E, h0km, mb3.5, mpv2.8,
Error ellipse: s-maj=2.1km s-min=1.4km az=16.0,
Suspected Mining explosion.
KRNET 26 05:19:23.4-0.1, 42:40N:70:70E, h12km, mb3.0
ISC 26 05:19:21.5-0.8, 42:58N:0:04:70.63E:0.04, h0km, n18,
o559/32, 22C-13D, Central Kazakhstan

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

Table with columns: KK02, Karatay Array, 0.53 351, Pp, 05 19 33.6 0.0, 05 19 41.5 -0.3, 05 19 33.6 0.0, 05 19 41.5 -0.3, 05 19 33.7 0.0, 05 19 41.5 -0.4, 05 19 33.8 +0.1, 05 19 42.1 +0.1, 05 19 33.6 -0.1, 05 19 41.8 -0.3, 05 19 33.7 -0.1, 05 19 41.6 -0.6, 05 19 34.0 0.0, 05 19 42.5 -0.4, 05 19 42.5 -0.4, 05 19 56.5 -1.0, 05 19 48.9 +0.4, 05 20 07.3 +0.5, 05 19 51.6 +0.5, 05 20 11.8 -0.7, 05 20 04.5 +0.1, 05 20 34.5 +0.8, 05 20 05.2 +1.3, 05 20 35.7 +0.3, 05 20 16.0 -0.2, 05 20 57.1, 05 20 13.2 -1.4, 05 20 49.4 -1.5, 05 20 32.4 +0.5, 05 21 23.1, 05 22 55.2

PRU 26 05:22:33.6-0.0, 51:44N:16:19E, h0km
VIE 26 05:22:34.7-1.6, 51:33N:16:08E, h0km, mb2.3/2, m12.6/3,
Error ellipse: s-maj=10.3km s-min=8.2km az=47.0 70 km
KK09 WWN of Wrocław Suspected Mining Induced
ISC 26 05:22:38.1-2.5, 51:47N:0:05:16.20E:0.03, h0km, n23,
o65/45, Poland

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

MAN 26 05:30:31.4, 13:67N:120:75E, h16km, mb4.0, ML2.8,
MS2.4, Mindoro
IDC 26 05:37:07.0-8.3, 36:99N:71:32E, h84km, 30km, mb3.7/3,
mb1 3.6/9, mb1mx3.3/48, mbmt3.8/9, Error ellipse:
s-maj=120.6km s-min=22.5km az=161.0
NNC 26 05:37:12.2-4.8, 37:44N:71:24E, h118km, 98km, mb3.2,
mpv3.9, Error ellipse: s-maj=45.8km s-min=27.4km
ISC 26 05:37:12.2-2.0, 37:5N:0:1:71:21E:0.10, h100km, n25,
o153/29, mb4.1/3, 6C-1D, Afghanistan-Tajikistan border
region

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

Table with columns: AAK, Ala-Archa, 5.76 25, Pn, 05 38 35.9 +0.5, 05 39 40.3 +0.2, 05 38 35.8 +0.5, 05 38 35.6 +0.2, 05 38 42.9 -0.1, 05 38 44.0 -0.3, 05 38 43.7 -0.5, 05 39 57.3 +1.2, 05 38 47.0 -0.6, 05 38 47.2 -1.6, 05 39 35.8 -2.4, 05 41 30.9 -1.7, 05 40 30.0 -2.5, 05 40 28.7 +0.6, 05 40 30.6 +0.2, 05 43 05.0 -3.3, 05 40 53.3 +1.4, 05 40 54.2 +2.3, 05 43 46.0 -3.5, 05 41 26.3 +0.7, 05 44 09.9 0.0, 05 44 39.1 -0.3, 05 45 06.9 -0.3

CRAAG 26 05:40:52.0, 36:62N:5:24E, M12.7
MDD 26 05:40:53.0-0.6, 36:89N:5:37E, h0km, mb4.2/12, Error
ellipse: s-maj=9.1km s-min=5.1km az=48.0, PRXIMO
LDG 26 05:40:55.2-0.3, 36:80N:5:05E, h30km, M13.2/11, Error
ellipse: s-maj=6.6km s-min=4.3km az=154.0
ISC 26 05:40:51.6-1.0, 36:94N:0:05:35E:0.05, h10km, n51,
o24/83, Northern Algeria

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

26d 5h

Table with columns: Code, Station Name, Az, El, Pn, P, M, S, and various numerical values.

B/JJ 26 05:45:15.0, 0.0, 9.20S: 71.30W, h610km, mb6.5/65
MOS 26 05:45:17.0, 0.0, 9.13S: 71.30W, h610km, mb6.2/22, Error ellipse: s-maj=7.9km s-min=5.4km az=83.4

ARE 26 05:45:17.0, 0.0, 9.69S: 71.65W, h637km, Error ellipse: s-maj=0.0km s-min=0.0km az=90.0
BDF 26 05:45:17.0, 0.0, 9.27S: 71.34W, h609km, Error ellipse: s-maj=0.0km s-min=0.0km az=90.0

BGR 26 05:45:17.0, 0.0, 9.42S: 71.50W, h613km, 1.3km, mb6.6, mb6_BB7.0
NEIC 26 05:45:18.3, 0.1, 9.19S: 71.29W, h602km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; M1=1.05;

Mw=0.02; Mw=0.07; Mw=0.04; Mw=0.25; Mw=0.65; Fault plane solution: Mo1.27000x10^19 Np1.9x3.624000x3.294000; lambda=98.43000; NP2.0x172.35000; 360.42000; lambda=85.17000; Principal axes: T 1.3641; Plg15.0000; Azm259.0000; N -0.0708; Plg4.0000; Azm350.0000; P -1.2333; Plg74.0000; Azm95.0000;

NEIC 26 05:45:18.4, 2.1, 9.18S: 0.08x71.26W: 0.08, h603km, 3km, mb6.1/853, Mw=6.7/122, Mw=6.7/74, Mw=6.7/MLG.5(ARE)
Error ellipse: s-maj=12.2km s-min=10.8km az=66.0
VAO 26 05:45:18.0, 0.2, 9.27S: 71.33W, h605km, 2km, mb6.2, IDC 26 05:45:18.0, 0.2, 9.13S: 71.25W, h610km, 2km, mb5.4/48, mb1 5.4/56, mb1mx5.4/59, mb1mp6.3/56, Error ellipse: s-maj=5.5km s-min=4.3km az=78.0

GCMT 26 05:45:20.4, 0.1, 9.14S: 0.01x71.35W: 0.01, h614km, Mw=7.1/64, Moment Tensor Solution. s164.0431; s157.0287; Moment tensor: Scale 10^19Nm; M1=1.07; Mw=0.17; Mw=0.90; Mw=0.14; Mw=0.19; Mw=0.65;

NEIC 26 05:45:21.9, 1.3S: 71.07W, h610km, Moment Tensor Solution. Duration: 8.2; Moment tensor: Scale 10^19Nm; M1=1.07; Mw=0.17; Mw=0.90; Mw=0.14; Mw=0.19; Mw=0.65; Fault plane solution: Mo1.21000x10^19 Np1.1x3.45000x3.45000; lambda=82.0000; NP2.0x170.0000; 363.0000; lambda=87.0000; Principal axes: T 1.3190; Plg18.0000; Azm258.0000; N -0.0390; Plg2.0000; Azm349.0000; P -1.3520; Plg72.0000; Azm87.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to mantle waves, cutoff=125s. Triangular moment-rate function

UCR 26 05:45:24.8, 1.9, 9.70S: 72.28W, h692km, 900km, mb6.7(NEIC)
DNK 26 05:45:31.8, 3.8, 7.67S: 71.19W, h700km, 33km, mb5.9
NEIC 26 05:45:34.3, 9.32S: 70.76W, h601km, Moment Tensor Solution. Duration: 8.2; Moment tensor: Scale 10^19Nm; M1=0.98; Mw=0.03; Mw=0.94; Mw=0.08; Mw=0.19; Mw=0.71; Fault plane solution: Mo1.21000x10^19 Np1.1x5.9000x3.631000; lambda=87.37585; 353.16039; lambda=97.14459; Principal axes: T Plg12.0151; Azm262.5346; N Plg3.9009; Azm353.3662; P Plg77.3491; Azm1.0151; Peru-Brazil border region

Table with columns: Code, Station Name, Az, El, Pn, P, M, S, and various numerical values.

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2015 NOV

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1622

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Table with columns: Code, Station Name, Az, El, Pn, P, M, S, and various numerical values.

Table with columns: Code, Station Name, Az, El, Pn, P, M, S, and various numerical values.

26d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TKL Tuckaleechee C, 833A Chaparral WMA, SWET Sewanee, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TXAR comp=Z,30nm,0.8s, TXAR comp=Z,63nm,0.9s, TXAR comp=Z,12nm,0.8s, etc.

1624

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like S39A Bolivar, M54A Oil Creek, M54A Oil Creek, etc.

1627

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like Lilloet, Cowichan Lake, Vila Bisbo, etc.

2015 NOV

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like Coimbra, Estremoz, Vila Real, etc.

26d 5h

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like Hotspring, Greenville Isla, Orange, etc.

Table with columns for station name, frequency, power, and status. Includes stations like MJAR, MJAR, MJAR, etc.

Table with columns for station name, frequency, power, and status. Includes stations like PYUN, BOSH, HYB, etc.

Table with columns for station name, frequency, power, and status. Includes stations like GYA, UGM, UGM, etc.

NEIC 26 05:56:05.1_1.7.9.07S:0.07:71.3W:0.1, h603km, 6km, mb4.9/15, MLS.1(ARE) Error ellipse: s-maj=16.4km s-min=10.7km az=82.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRU, TBGT, etc.

26d 6h

Table with columns for call sign, name, frequency, and other technical details. Includes stations like LVC Limon Verde, PB06 IROC Station P, PTGA Pitinga, etc.

2015 NOV

Table with columns for call sign, name, frequency, and other technical details. Includes stations like BINY Binghamton, WFIN Wesley, SFIN Lafayette, etc.

1634

Table with columns for call sign, name, frequency, and other technical details. Includes stations like DAWY comp=Z,42nm,1.4s, M27K Edge Creek, AK, BOSAR Beaver Creek, etc.

BDF 26 06:01:26.5, 4, 9, 26S, 0.09, 70.8W, 0.1, h591km, 6km,
 Error ellipse: s-maj=0.0km s-min=0.0km az=165.0
 ISC 26 06:01:22.9, 0.4, 9, 18S, 0.05, 71.28W, 0.07, h608km, 5km,
 h610km, pP, N148, e086/165, mb4.4/5.1, Peru-Brazil
 border region

Code	Station Name	AZ	Phase	ISC	Time	Res
					h m s	ISC
CZSB	Cruzeiro do Su	2.02 315	Op	P	06 02 37.0	+0.2
CZSB	Cruzeiro do Su	2.02 315	P	P	06 02 37.8	-0.4
ETMB	Extrema	5.04 98	eP	P	06 02 57.1	+0.5
ETMB	Extrema	5.04 98	P	P	06 02 57.1	+0.5
TBTG	Tabatinga, AM	5.14 15	eP	P	06 02 58.6	+1.1
TBTG	Tabatinga, AM	5.14 15	P	P	06 02 58.6	+1.1
NNA	Nana	6.14 242	P	P	06 03 05.5	0.0
NNA	Nana	6.14 242	S	S	06 04 28.0	-1.8
NNA	Nana	6.14 242	P	P	06 03 06.0	+0.3
ATAH	Atahualpa	7.33 236	P	P	06 03 18.1	+1.2
ATAH	Atahualpa	7.33 236	S	S	06 04 50.9	+1.0
LPAZ	La Paz	7.70 157	P	P	06 03 20.9	+0.4
LPAZ	La Paz	7.70 157	P	P	06 03 20.5	+0.1
SAML	Samuel	8.00 89	P	P	06 03 23.2	+0.6
PB16	IPOC Station P	9.28 169	P	P	06 03 34.0	-1.2
PB12	IPOC Station P	9.42 174	P	P	06 03 34.6	-1.7
PB11	IPOC Station P	10.08 174	P	P	06 03 47.1	-1.1
TAO2	Huaquique	11.08 174	P	P	06 03 51.6	-1.0
PB08	IPOC Station P	11.09 170	P	P	06 03 52.5	-0.5
VLB	Vilena	11.50 110	eP	P	06 03 57.0	+0.2
SILV	Vilena	11.50 110	P	P	06 03 57.4	+0.5
VIB	San Ignacio	14.80 125	P	P	06 04 02.4	+0.2
MACA	Manacapuru-AM	12.11 61	eP	P	06 04 02.9	+0.1
MACA	Manacapuru-AM	12.11 61	P	P	06 04 03.0	+0.1
PB07	IPOC Station P	12.55 174	P	P	06 04 06.7	-0.6
PB04	IPOC Station P	13.12 175	P	P	06 04 15.9	+0.2
PTLB	Ponte Lacer	13.19 119	P	P	06 04 15.9	+0.2
LVC	Limon Verde	13.55 171	P	P	06 04 18.4	+0.9
LVC	Limon Verde	13.55 171	S	S	06 06 42.8	+2.4
LVC	Limon Verde	13.55 171	P	P	06 04 16.4	-1.0
LVC	Limon Verde	13.55 171	P	P	06 04 18.6	+1.1
PB06	IPOC Station P	13.55 173	P	P	06 04 17.4	+0.2
PTGA	Pitinga	14.04 54	P	P	06 04 22.5	+0.4
PTGA	Pitinga	14.04 54	P	P	06 04 22.7	+0.5
PB15	IPOC Station P	14.06 173	P	P	06 04 21.8	-0.5
PB10	IPOC Station P	14.27 177	P	P	06 04 23.8	-0.3
PDRB	Porto dos Gas	14.51 101	eP	P	06 04 25.6	-0.9
CLDB	Colider	15.14 98	eP	P	06 04 34.6	+0.6
BOAV	Boa Vista	15.42 43	P	P	06 04 37.1	+1.1
BOAV	Boa Vista	15.42 43	P	P	06 04 38.7	+1.3
NOBG	Novo Progresso	15.90 84	eP	P	06 04 40.0	+0.8
ITTB	Itaitiba	16.16 74	eP	P	06 04 42.5	+1.0
BAUV	El Baul	18.29 10	P	P	06 05 02.4	+1.5
MGTC	Monterria, Cord	18.37 346	P	P	06 05 02.5	+0.8
AGDS	Aquidaua	18.77 128	P	P	06 05 06.0	+0.9
PCRV	Puerto La Cruz	20.33 19	P	P	06 05 20.6	+1.1
CPUP	Villa Florida	21.59 144	P	P	06 05 29.6	-0.8
CPUP	Villa Florida	21.59 144	P	P	06 05 30.4	-0.1
MDP	Montagnes des	23.88 53	P	P	06 05 45.8	-0.8
BDFB	Brasilia	23.60 108	P	P	06 05 49.5	+0.9
BDFB	Brasilia	23.60 108	P	P	06 05 49.5	+0.9
MT05	Renca	24.10 179	P	P	06 05 53.5	+0.7
MT09	Talagante	24.48 179	P	P	06 05 56.6	+0.3
ITOB	Itaqui	25.48 148	P	P	06 05 59.9	-1.0
BO01	Tunca	25.09 180	Iamb	Iamb	06 06 01.7	+0.2
BO01	Tunca	25.09 180	Iamb	Iamb	06 06 02.5	
ITAB	Concordia	25.49 137	P	P	06 06 04.5	-0.6
BO02	Sierra Bellavi	25.50 179	P	P	06 06 05.9	+0.8
BO02	Sierra Bellavi	25.50 179	Iamb	Iamb	06 06 06.5	
MATN	Matagalpa	26.35 326	P	P	06 06 14.3	+1.4
MATN	Matagalpa	26.35 326	Iamb	Iamb	06 06 14.9	
OBIP	Obispado Ponce	27.44 10	P	P	06 06 22.3	+0.1
PLTB	Pedras Altas	27.83 146	eP	P	06 06 24.6	-0.8
PLTB	Pedras Altas	27.83 146	P	P	06 06 24.2	-1.2
LC01	Cunco	29.59 181	P	P	06 06 40.4	-0.3
TRQA	Tornquist	29.95 165	P	P	06 06 43.3	+0.4
TRQA	Tornquist	29.95 165	Iamb	Iamb	06 06 44.1	
APG	El Apazote	30.64 321	P	P	06 06 51.1	+1.0
PLCA	Paso Flores	31.43 179	P	P	06 06 56.2	-0.2
PLCA	Paso Flores	31.43 179	Iamb	Iamb	06 06 56.7	+0.4
PLCA	Paso Flores	31.43 179	P	P	06 06 56.9	
LL01	San Ignacio de	33.08 182	P	P	06 07 09.8	-0.3
LL01	San Ignacio de	33.08 182	Iamb	Iamb	06 07 10.4	
CMIG	Matias Romero	35.02 318	P	P	06 07 27.2	+0.6
COYC	Coyhaique	36.27 181	P	P	06 07 36.7	+0.2
GO09	Cerro Castillo	41.97 181	P	P	06 08 23.2	+1.1
GO09	Cerro Castillo	41.97 181	Iamb	Iamb	06 08 24.1	
EFI	East Falkland	43.73 168	P	P	06 08 36.3	+0.6
GOGA	Godfrey	49.31 345	P	P	06 08 37.3	-0.1
GOGA	Godfrey	49.31 345	Iamb	Iamb	06 08 44.2	
Z47A	Carrollton	45.08 340	P	P	06 08 45.6	-0.7
Z47A	Carrollton	45.08 340	Iamb	Iamb	06 09 10.1	
USHA	Ushuaia	45.59 178	P	P	06 08 50.8	+0.9
USHA	Ushuaia	45.59 178	P	P	06 08 55.1	-0.2
V52A	Sevierville	46.28 346	P	P	06 09 17.9	
T57A	Hurt	46.54 351	P	P	06 08 57.5	+0.2
T57A	Hurt	46.54 351	Iamb	Iamb	06 09 15.5	
MIAR	Mount Ida	48.35 335	P	P	06 09 10.7	-0.2
MIAR	Mount Ida	48.35 335	Iamb	Iamb	06 09 34.6	
WHAR	Wooley Hollow	48.48 337	P	P	06 09 11.2	-0.6
WHAR	Wooley Hollow	48.48 337	Iamb	Iamb	06 09 22.6	
PBMO	Poplar Bluff	49.13 340	P	P	06 09 15.5	-1.1
PBMO	Poplar Bluff	49.13 340	Iamb	Iamb	06 09 17.4	
X37A	Clayton	49.13 334	P	P	06 09 17.1	+0.3
X37A	Clayton	49.13 334	Iamb	Iamb	06 09 17.2	
P53A	Whipple	49.32 350	P	P	06 09 18.2	+0.3
P53A	Whipple	49.32 350	Iamb	Iamb	06 09 18.3	
TXAR	Lajitas Array	49.40 322	P	P	06 09 18.6	-0.2
TXAR	Lajitas Array	49.40 322	P	P	06 10 30.2	+0.6
TX32	Lajitas Array	49.40 322	P	P	06 09 18.9	+0.1
TX32	Lajitas Array	49.40 322	Iamb	Iamb	06 09 19.7	
SIUC	Southern Illin	49.58 341	P	P	06 09 19.2	-0.6
SIUC	Southern Illin	49.58 341	Iamb	Iamb	06 09 19.5	
S39A	Bolivar	50.99 337	P	P	06 09 29.2	-0.8
M53A	Wi Miller and	51.10 351	P	P	06 09 30.9	+0.1
M53A	Wi Miller and	51.10 351	Iamb	Iamb	06 09 40.2	
N49A	Columbus Grove	51.25 347	P	P	06 09 31.3	-0.6
N49A	Columbus Grove	51.25 347	P	P	06 09 32.6	+0.2
BFIN	Lafayette	51.43 345	P	P	06 09 31.6	-1.6
BFIN	Lafayette	51.43 345	Iamb	Iamb	06 09 47.9	
MNTY	Cornudas Mount	52.12 323	P	P	06 09 38.2	-0.2
MSTX	Muleshoe	52.30 327	P	P	06 09 39.6	-0.1

Code	Station Name	AZ	Phase	ISC	Time	Res
					h m s	ISC
J47A	Summer	53.61 348	P	P	06 09 47.7	-0.9
J47A	Summer	53.61 348	Iamb	Iamb	06 10 01.7	
SCIA	State Center	54.68 340	P	P	06 09 55.3	-0.9
PMSA	Palmer Station	55.74 176	P	P	06 10 04.0	+0.9
PMSA	Palmer Station	55.74 176	Iamb	Iamb	06 10 04.0	+0.9
D62A	Allapoint, All	56.05 2	P	P	06 10 05.8	+0.3
D62A	Allapoint, All	56.05 2	Iamb	Iamb	06 10 16.9	
BATG	Bathurst New B	56.40 4	P	P	06 10 08.2	+0.3
DRLC	Great Sand Dun	56.59 328	P	P	06 10 10.6	+0.7
SDNO	Deer Lake	56.43 10	Iamb	Iamb	06 10 27.9	-0.4
DRLN	Deer Lake	56.43 10	Iamb	Iamb	06 10 44.5	
EYMM	Ely	59.63 344	P	P	06 10 28.9	-0.7
E28A	Huff	61.41 337	P	P	06 10 42.1	+0.7
E28A	Huff	61.41 337	Iamb	Iamb	06 10 42.5	
GWY	Greenwater Val	62.11 319	P	P	06 10 46.8	+0.5
PDAR	Pineville Array	62.38 329	P	P	06 10 48.0	-0.1
PDAR	Pineville Array	62.38 329	P	P	06 12 46.0	-0.6
ULM	Lac du Bonnet	62.95 343	P	P	06 10 50.3	-0.9
ULM	Lac du Bonnet	62.95 343	P	P	06 10 50.2	-0.9
ULM	Lac du Bonnet	62.95 343	P	P	06 11 02.0	+0.4
NVAR	NVAR	62.95 343	P	P	06 13 03.0	+1.6
NVAR	NVAR	62.95 343	P	P	06 13 03.0	+1.6
KVN	Wentworth Lakes	64.75 331	P	P	06 11 03.5	+0.4
EGMT	Eagleton	66.33 333	P	P	06 11 12.9	+0.3
EGMT	Eagleton	66.33 333	Iamb	Iamb	06 11 23.9	
DBIC	Dimbokro	68.04 79	P	P	06 11 23.8	+0.2
DBIC	Dimbokro	68.04 79	P	P	06 11 23.5	-0.1
DBIC	Dimbokro	68.04 79	Iamb	Iamb	06 11 23.9	
WDC	Whiskeytown Da	68.42 320	P	P	06 11 24.4	-1.0
WDC	Whiskeytown Da	68.42 320	P	P	06 11 29.2	+0.4
YBH	Yreka Blue Hor	69.17 321	P	P	06 11 29.4	-0.6
KOWA	Kowa	70.72 71	P	P	06 11 39.9	+0.3
KOWA	Kowa	70.72 71	P	P	06 11 39.8	+0.2
KOWA	Kowa	70.72 71	Iamb	Iamb	06 11 40.5	
EDM	Edmonton	71.70 335	P	P	06 11 44.9	+0.3
EDM	Edmonton	71.70 335	Iamb	Iamb	06 11 50.1	
VNA1	Neumayer Olymp	72.43 163	P	P	06 11 48.4	-0.1
VNA1	Neumayer-Olymp	72.43 163	P	P	06 11 50.5	+1.0
VNA2	Neumayer-Watz	72.99 162	P	P	06 11 51.6	-0.1
SNAAS	Sanae	74.62 162	P	P	06 12 00.8	-0.2
SNAAS	Sanae	74.62 162	P	P	06 12 00.9	0.0
SNAAS	Sanae	74.62 162	Iamb	Iamb	06 12 01.9	
TORD	Torodi Arr. Bea	75.77 74	P	P	06 12 07.8	-0.5
TORD	Torodi Arr. Bea	75.77 74	P	P	06 14 15.7	+2.0
TORD	Torodi Arr. Bea	75.77 74	Iamb	Iamb	06 12 08.9	
ESDC	Sonsec Array	78.77 47	P	P	06 12 25.7	+1.1
ESDC	Sonsec Array	78.77 47	P	P	06 12 25.7	+1.1
YKA	Yellowknife Arr	78.77 341	P	P	06 12 23.7	-0.2
YKA	Yellowknife Arr	78.77 341	P	P	06 14 30.4	-0.4
YKA	Yellowknife Arr	78.77 341	P	P	06 12 24.1	+0.1
YKA	Yellowknife Arr	78.77 341	P	P	06 12 35.2	+0.3
QSPA	South Pole Qui	80.84 180	P	P	06 12 35.4	+0.4
QSPA	South Pole Qui	80.84 180	P	P	06 12 35.7	
DLBC	Dease Lake	82.26 333	P	P	06 12 42.8	+1.0
DLBC	Dease Lake	82.26 333	Iamb	Iamb	06 12 58.3	
SUMG	Summit	84.33 9	P	P	06 12 51.0	-1.1
SUMG	Summit	84.33 9	P	P	06 14 57.0	-4.2
SUMG	Summit	84.33 9	P	P	06 12 52.2	+0.2
TSMU	Tsumeb	85.97 109	P	P	06 13 00.7	-0.1
VNDA	Vanda	88.52 190	P	P	06 13 12.5	+1.1
VNDA	Vanda	88.52 190	P	P	06 13 12.2	+0.2
INK	Inuvik	88.64 341	P	P	06 13 29.2	-1.0
INK	Inuvik	88.64 341	P	P	06 13 29.2	-1.0
GERES	GERES Array B	93.55 41	P	P	06 13 34.8	-0.4
GERES	GERES Array B	93.55 41	P	P	06 19 22.2	-0.8
ZALV	Zalesovo					

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Alcalda de J, Alcalda de L, Comit de Eme, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mare, Loyalty, Pines Island, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ouen Island, Mont Dzumac, Koumaka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ETL, NTST, NACB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC, SUR, SUT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KWHZ Kaweka Forest, KAHZ Kahuranaki, WNVZ Wahianoa, etc.

DNK 26 08:17:16.0...4.4, 69.35N, 31.89W, h11 km, 22km, ML3.7, Eastern Kalaallit Nunaat

Main table for 26d 8h section, listing various stations and their coordinates. Includes stations like ICESG Greenland Ices, SCO Scoresbysund, SUMG Summit, etc.

IDC 26 08:56:1.1, 8.326S, 140.89E, h0km, mb3.0/1, mb1 3.7/2, mb1mx3.1/28, mbtmp3.4/2, ML3.6/1, Error ellipse: s-maj=63.9km s-min=10.7km az=81.0, Irian Jaya

Table for IDC 26 08:56:1.1, listing stations like JAY Jayapura, WRA Warramunga Arr, ASAR Alice Springs, LPAZ La Paz, etc.

ISG 26 08:32:13.6...0.5, 7.32S, 0.05E, 127.70E, 0.06, h200km, n63, a1971/67, mb3.9/11, Banda Sea

Table for ISG 26 08:32:13.6, listing stations like SAUI Saumlaki, WRA Warramunga Arr, ASAR Alice Springs, LPAZ La Paz, etc.

Main table for 2015 NOV section, listing stations like COEN Coen, AS31 Alice Springs, ASAR Alice Springs, etc.

NNC 26 08:48:04.8...1.6, 37.71N, 78.54E, h0km, mb4.2, mpv3.8, 4C-2D, Error ellipse: s-maj=13.6km s-min=10.5km, az=77.0, Southern Xinjiang

Table for NNC 26 08:48:04.8, listing stations like SATY Saty, UZB Uzunbulak, TNSS Tian-Shan, etc.

IDC 26 08:54:36.5...0.2, 58.18N, 11.26E, h0km, mb1 3.6/3, mb1mx3.2/50, mbtmp3.6/3, ML2.4/4, Error ellipse: s-maj=19.6km s-min=15.3km az=87.0, UPP 26 08:54:36.5...0.2, 58.18N, 11.26E, h0km, ML2.3, Explosion DNK 26 08:54:36.1...1.6, 58.17N, 11.20E, h0km, ML2.4, ML2.4(UPP), Explosion BER 26 08:54:37.1...0.7, 58.18N, 11.25E, h0km, ML1.8, ML2.4(UPP), Suspected explosion

Table for IDC 26 08:54:36.5, listing stations like TJOU Tjoern, VANU Vaenersborg, STRU Stroemstad, etc.

Table for 1638 section, listing stations like FABU Falkenberg, GNOU Gnosioje, KONO Kongsberg, etc.

IDC 26 08:56:55.5...1.8, 4.43N, 125.41E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.4/49, mbtmp3.7/4, Error ellipse: s-maj=124.0km s-min=22.4km az=68.0, DJA 26 08:56:01.1...1.0, 4.43N, 125.41E, h0km, M4.2/10, mb4.2/4, mb4.8/2, MLv4.1/10, Mw(mb)4.0/2, MAN 26 08:56:02.2...1.4, 59N, 124.56E, h0km, mb4.2, ML3.1, MS3.1, ISC 26 08:56:02.2...1.4, 4.0N, 124.77E, 0.06, h35km, n9, a1967/12, mb3.7/4, Celebes Sea

Table for IDC 26 08:56:55.5, listing stations like SGSI Sangihe, GTOI Gorontalo, MRSI Marisa, etc.

IDC 26 08:56:01.3...1.0, 22.85S, 171.38E, h0km, mb4.3/9, mb1 4.5/11, mb1mx4.2/36, mbtmp4.3/11, ML4.1/2, MS4.1/21, Ms1.4/121, ms1mx3.9/38, Error ellipse: s-maj=32.4km s-min=22.9km az=159.0, NEIC 26 08:56:09.3...2.1, 22.72S, 0.09E, 171.20E, 0.08, h47km, 4km, mb4.7/19, Error ellipse: s-maj=12.5km s-min=10.4km az=171.0, NOU 26 08:56:11.9...22.48S, 170.64E, h0km, mb6.8/14, Southeast of Loyalty Islands, ISC 26 08:56:07.8...0.5, 22.79S, 0.07E, 171.23E, 0.06, h35km, n81, a1909/63, mb4.6/18, MS4.1/16, Southeast of Loyalty Islands

Table for IDC 26 08:56:01.3, listing stations like MARNC Mare, Loyalty, PINNC Pines Island, QUENC Ouen Island, etc.

NEIC 26 09:46:36.3±1.1, 37.17N±0.03, 97.80W±0.02, h4km, 5km, mb_Lg2.0/4, ML2.1/23, Error ellipse: s-maj=4.5km s-min=1.4km az=209.0

NEIC 26 09:46:36.3±1.3, 37.17N±0.02, 97.80W±0.01, h12km±3km, Error ellipse: s-maj=2.9km s-min=1.6km az=194.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Argonia South, Bluff City North, Caldwell West, etc.

IDC 26 09:59:19.8±2.7, 64.65N±30.37E, h0km, mb1 3.0/2, mb1mx2.9/29, mbtmp3.2/ML2.0/2, Error ellipse: s-maj=46.2km s-min=9.6km az=101.0, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like FINESS Array B, ARCESS Array B, etc.

WEL 26 10:51:11.6±1.1, 33.5°S±22.18°E±3.9, h304km±21km, M4.2/7, mb4.6/6, ML5.0/3, MLv4.5/7, Mw(mb)3.9/6, Error ellipse: s-maj=0.1km s-min=0.0km az=118.3, South of Kermadec Islands

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including Matakaoa Point, Waioamatatini S, Te Kaha, etc.

Table with columns: KIW, Kapiti Island, 8.53 205, P, Sn, 10 53 11.8 ±0.2, etc.

IDC 26 11:20:36.6±0.7, 73.9N±94.44E, h0km, mb3.4/4, mb1 3.5/5, mb1mx3.4/5.1, mbtmp3.4/5, ML3.1/1, Error ellipse: s-maj=298.0km s-min=23.5km az=59.0, Nicobar Islands region

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

TUL 26 11:24:33.6±1.1, 36.95N±0.02, 97.82W±0.02, h4km, 6km, ML2.5, mb_Lg2.3/12(NEIC), Error ellipse: s-maj=3.1km s-min=2.3km az=215.0

NEIC 26 11:24:33.8±1.1, 36.93N±0.02, 97.82W±0.03, h6km±7km, Error ellipse: s-maj=3.1km s-min=2.9km az=80.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Grant County #, Manchester OK, etc.

OKCSV OKLAHOMA CITY 1.55 168 Pn 11 25 02.3 ±0.4 R32A Long Quarter, 1.66 335 Pn 11 25 03.9 ±0.5 FNO Franklin, 1.70 168 Iamb_Lg 11 25 37.2 ±0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Leonard, Tecumseh, Wichita Mounds, etc.

IDC 26 11:25:13.2±1.5, 34.28N±25.19E, h0km, mb3.6/4, mb1 3.6/6, mb1mx3.5/4.1, mbtmp3.6/6, ML4.0/2, Error ellipse: s-maj=28.9km s-min=22.4km az=79.0, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Anoyia, Malin Array B, etc.

IDC 26 11:39:35.1±5.6, 64.9N±93.85E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.2/4.5, mbtmp3.4/4, ML3.1/1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/2.6, Error ellipse: s-maj=264.9km s-min=28.8km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Prapat, Lembang, Diego Garcia H, etc.

IDC 26 11:56:33.3±1.6, 17.73S±168.27E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.8/3.0, mbtmp3.7/6, ML4.1/1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/3.9, Error ellipse: s-maj=55.4km s-min=28.5km az=135.0

NOU 26 11:56:39.5±1.7, 17.97S±168.11E, h15km, MLv4.6/18, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Devils Point, Rantapou, Saratou, etc.

Table with columns: DZM, Mont Dzumac, 4.47 202, Pn, 10 53 26.0 ±0.8, etc.

IDC 26 12:16:30.0±3.3, 20.68S±177.44W, h481km±24km, mb3.5/5, mb1 3.6/8, mb1mx3.3/3.9, mbtmp4.4/8, Error ellipse: s-maj=70.0km s-min=18.7km az=151.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Alice Springs, Songoing Array, etc.

IDC 26 12:16:33.1±0.7, 19.88S±10.17, h717.7W±0.1, h500km, n32, ±281/39, mb4.1/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Nonavsu, Afiamalu, Matakaoa Point, etc.

JMA 26 12:27:02.9±0.1, 40.27N±142.28E, h38km±1km, M3.7, JMA Fell II JT

IDC 26 12:27:04.3±2.5, 40.23N±142.39E, h66km±23km, mb3.2/6, mb1 3.4/9, mb1mx3.3/3.8, mbtmp3.5/9, MS2.6/1, Ms1 2.6/1, ms1mx2.2/2.8, Error ellipse: s-maj=28.6km s-min=16.0km az=102.0

IDC 26 12:27:03.1±2.1, 40.25N±10.04, h42.23E±0.08, h4km±10km, n26, ±124/29, mb3.5/6, 2C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JKEN, JKH, JTH, etc.

KMA 26 12:42:18.3±0.4, 36.40N±128.75E, h13km±3km, Error ellipse: s-maj=2.8km s-min=2.3km az=162.0, South Korea

Table with columns: KBZ, Khabaz, 87.97, 4 P, P, 13 12 12.8 +0.6, 13 51 33.6, 13 12 13.6 -0.1, 13 12 14.6, 13 50 25.2, 13 12 22.8 0.0, 13 12 25.2 0.0, 13 12 23.0 +0.1, 13 12 24.6 +0.6, 13 12 24.5 +0.5, 13 12 22.3 -0.1, 13 12 30.5 +1.1, 13 12 29.0 +1.3, 13 12 29.6 +1.1, 13 12 30.7 +0.4, 13 12 35.1 -0.1, 13 12 34.8 -0.3, 13 48 02.4, 13 57 29.5, 13 58 48.4, 13 13 03.8 +2.4, 13 13 02.4 -1.0, 13 13 08.5 -0.1, 13 13 13.5 -0.1, 13 13 16.8 +4.4, 13 18 49.2 +0.4, 13 19 02.3 +0.2, 13 19 07.4 -1.0, 13 19 41.9 +0.7, 13 19 17.7 +0.5, 13 19 45.1 -0.1, 13 19 21.8 +1.6, 13 19 57.8 -0.6, 13 19 24.5 +1.6, 13 20 05.9 0.0

IDC 26 13:13:30.3; 1.3, 8'23S; 125'48E, h0km, mb3.9/4, mb1 4.0/8, mb1mx3.6/47, mbtmp3.8/8, ML3.6/4, MS3.1/4, Ms1 3.1/4, ms1mx2.6/46, Error ellipse: s-maj=38.0km s-min=19.6km az=86.6

ISC 26 13:13:34.6-0.9, 8.40S; 0'08; 125'6E; 0'1, h35km, n10, a256E/12, mb4.0/4, Timor region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC, BATI, Baumata, 2.65 227 Pn, 13 14 15.2 +0.4, BATI, 1.4nm, 0.3s, baz=225, slow=1.3, SNR=8.9, 8.1nm, 0.3s, baz=30, slow=22, SNR=2.4, BATI, 8.1nm, 0.3s, baz=30, slow=22, SNR=2.4, LR, 13 15 29.8, SUJI, 1.1nm, 0.3s, baz=103, slow=21, SNR=8.1, SUJI, 0.6nm, 0.3s, baz=103, slow=21, SNR=8.1, LR, 13 20 33.9, FITZ, 0.6nm, 0.3s, baz=103, slow=21, SNR=8.1, Pn, 13 15 52.5 +1.5, FITZ, 0.5nm, 0.3s, baz=13, slow=11, SNR=18, Pn, 13 17 34.9 -3.2, WRA, 0.2nm, 0.3s, baz=316, slow=13, SNR=16, Pn, 13 16 54.9 +1.5, WRA, 0.1nm, 0.3s, baz=326, slow=27, SNR=2.9, Sn, 13 19 31.5 +0.8, ASAR, 0.1nm, 0.3s, baz=321, slow=11, SNR=14, P, 13 17 34.9 +2.1, ASAR, 0.0nm, 0.3s, baz=317, slow=18, SNR=3.0, S, 13 20 36.5 -4.4, LEM, 0.2nm, 0.3s, baz=317, slow=18, SNR=3.0, LR, 13 24 41.2, CMAR, 0.2nm, 0.3s, baz=317, slow=18, SNR=3.0, LR, 13 20 43.8 -1.5, SONM, 0.1nm, 0.8s, baz=139, slow=6.0, SNR=3.6, P, 13 23 28.0 +0.4, SONM, 1.0nm, 0.8s, baz=167, slow=7.2, SNR=5.2, P, 13 24 27.0 0.0, MKAR, 2.3nm, 0.8s, baz=132, slow=8.2, SNR=16, P, 13 24 47.3 -1.3, ZALV, 1.4nm, 0.8s, baz=127, slow=4.3, SNR=5.0, LR, 13 58 48.2, ZALV, 1.4nm, 0.8s, baz=127, slow=4.3, SNR=5.0, LR, 13 58 48.2

NNC 26 13:18:41.4-0.2, 43'06N; 76'82E, h0km, mb2.4, mpv2.5, Error ellipse: s-maj=3.0km s-min=0.9km az=164.0, KRNET 26 13:18:41.3-0.1, 43'03N; 76'84E, h19km, mb2.1, SOME 26 13:18:42.1, 43'05N; 76'82E, h15km

ISC 26 13:18:40.5-0.8, 43'07N; 0'02; 76'86E; 0'02, h12km, 5km, n37, a0563/72, 16C-7D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC, TNSS, Tian-Shan, 0.07 114 eP, 13 18 44.0 +0.5, TNSS, 122nm, 0.2s, 0.07 114 P, 13 18 45.4 -0.3, TNSS, 122nm, 0.2s, 0.07 114 P, 13 18 44.0 +0.5, TNSS, 122nm, 0.2s, 0.15 15 eP, 13 18 44.2 +0.1, AAA, 16nm, 0.1s, 0.15 15 eP, 13 18 45.8 -0.9, MDOK, 62nm, 0.1s, 0.17 54 eP, 13 18 45.6 -0.1, MDOK, 8.2nm, 0.2s, 0.17 54 eP, 13 18 48.4 +1.0, MDOK, 19nm, 0.2s, 0.17 54 eP, 13 18 45.5 -0.1, MDOK, 3.5nm, 0.4s, 0.17 54 eP, 13 18 48.3 +1.0, MDOK, 16nm, 0.5s, 0.17 54 eP, 13 18 45.6 -0.1, MDOK, 8.2nm, 0.2s, 0.17 54 eP, 13 18 48.4, KOTS, 28nm, 0.3s, 0.25 47 eP, 13 18 47.4 +0.4, KOTS, 13nm, 0.1s, 0.25 47 eP, 13 18 51.2 +1.7, KOTS, 29nm, 0.2s, 0.25 47 P, 13 18 47.4 +0.4, KOTS, 13nm, 0.2s, 0.25 47 P, 13 18 51.2 +1.7, MTBS, 13nm, 0.1s, 0.32 282 eP, 13 18 48.1 -0.1, MTBS, 9.2nm, 0.1s, 0.32 282 P, 13 18 52.3 +0.8, MTBS, 13nm, 0.1s, 0.32 282 P, 13 18 48.1 -0.1, ANVS, 9.2nm, 0.1s, 0.66 115 eP, 13 18 54.1 +0.2, ANVS, 9.2nm, 0.1s, 0.66 115 eP, 13 18 54.1 +0.2, KST, 5.4nm, 0.2s, 0.66 268 eP, 13 18 53.9 +0.6, KST, 5.4nm, 0.2s, 0.66 268 eP, 13 19 02.4 +0.3, KST, 5.2nm, 0.2s, 0.66 268 P, 13 18 53.9 +0.6, KST, 5.4nm, 0.2s, 0.66 268 P, 13 19 02.4 +0.3

Table with columns: KTBS, Karatobe, 0.66 349 eP, Pn, 13 18 54.5 -1.2, KTBS, 13nm, 0.3s, 0.66 349 P, Pn, 13 19 03.4 +0.3, KTBS, 13nm, 0.3s, 0.66 349 P, Pn, 13 18 54.5 -1.2, DGS, 2.9nm, 0.1s, 0.82 283 eP, Pn, 13 18 57.0 +0.4, DGS, 1.9nm, 0.2s, 0.82 283 P, Pn, 13 18 57.0 +0.4, DGS, 2.9nm, 0.1s, 0.82 283 P, Pn, 13 18 57.0 +0.4, DGS, 1.9nm, 0.2s, 0.82 283 P, Pn, 13 18 57.0 +0.4, BOOM, 2.8nm, 0.1s, 0.89 230 eP, Pn, 13 18 57.4 -0.3, BOOM, 2.8nm, 0.1s, 0.89 230 eP, Pn, 13 18 57.4 -0.3, KUU, 0.4nm, 0.2s, 0.91 336 eP, Pn, 13 18 58.9 -0.2, KUU, 0.4nm, 0.2s, 0.91 336 P, Pn, 13 18 58.9 -0.2, KUU, 0.4nm, 0.2s, 0.91 336 P, Pn, 13 18 58.9 -0.2, ULHL, 5.1nm, 0.3s, 0.94 209 eP, Pn, 13 19 11.1 -1.0, ULHL, 5.1nm, 0.3s, 0.94 209 eP, Pn, 13 19 11.1 -1.0, ULHL, 5.1nm, 0.3s, 0.94 209 eP, Pn, 13 19 11.1 -1.0, TKM2, 0.7nm, 0.1s, 0.94 262 eP, Pn, 13 18 58.6 -0.2, TKM2, 0.7nm, 0.1s, 0.94 262 eP, Pn, 13 18 58.6 -0.2, TKM2, 0.7nm, 0.1s, 0.94 262 eP, Pn, 13 18 58.6 -0.2, KDJ, 0.4nm, 0.2s, 0.96 166 eP, Pn, 13 18 59.1 -0.1, KDJ, 0.4nm, 0.2s, 0.96 166 eP, Pn, 13 18 59.1 -0.1, SATY, 10nm, 0.1s, 1.13 90 P, Pn, 13 19 02.9 +0.6, SATY, 10nm, 0.1s, 1.13 90 P, Pn, 13 19 02.9 +0.6, SATY, 10nm, 0.1s, 1.13 90 P, Pn, 13 19 02.9 +0.6, PRZ, 1.2nm, 0.1s, 1.27 117 eP, Pn, 13 19 04.5 0.0, PRZ, 1.2nm, 0.1s, 1.27 117 eP, Pn, 13 19 04.5 0.0, ARXS, 1.5nm, 0.2s, 1.34 31 P, Pn, 13 19 06.9 +0.6, ARXS, 1.5nm, 0.2s, 1.34 31 P, Pn, 13 19 06.9 +0.6, ARXS, 1.5nm, 0.2s, 1.34 31 P, Pn, 13 19 06.9 +0.6, KBK, 5.5nm, 0.3s, 1.47 254 eP, Pn, 13 19 08.0 +0.3, KBK, 5.5nm, 0.3s, 1.47 254 eP, Pn, 13 19 08.0 +0.3, TARG, 0.5nm, 0.2s, 1.51 152 eP, Pn, 13 19 09.2 +0.6, TARG, 0.5nm, 0.2s, 1.51 152 eP, Pn, 13 19 09.2 +0.6, TARG, 0.5nm, 0.2s, 1.51 152 eP, Pn, 13 19 09.2 +0.6, BLB, 0.9nm, 0.1s, 1.56 48 P, Pn, 13 19 10.6 +0.1, BLB, 0.9nm, 0.1s, 1.56 48 P, Pn, 13 19 10.6 +0.1, UZB, 3.2nm, 0.1s, 1.58 86 eP, Pn, 13 19 11.1 +0.2, UZB, 3.2nm, 0.1s, 1.58 86 eP, Pn, 13 19 11.1 +0.2, UZB, 3.2nm, 0.1s, 1.58 86 eP, Pn, 13 19 11.1 +0.2, UZB, 0.5nm, 0.2s, 1.58 86 P, Pn, 13 19 31.8 +0.4, UZB, 0.5nm, 0.2s, 1.58 86 P, Pn, 13 19 31.8 +0.4, UZB, 0.5nm, 0.2s, 1.58 86 P, Pn, 13 19 31.8 +0.4, USP, 2.9nm, 0.2s, 1.74 277 eP, Pn, 13 19 12.7 +0.4, USP, 2.9nm, 0.2s, 1.74 277 eP, Pn, 13 19 12.7 +0.4, PDGK, 0.2nm, 0.2s, 1.94 81 P, Pn, 13 19 17.5 -0.2, PDGK, 0.2nm, 0.2s, 1.94 81 P, Pn, 13 19 17.5 -0.2, PDGK, 0.2nm, 0.2s, 1.94 81 P, Pn, 13 19 17.5 -0.2, PDGK, 1.4nm, 0.2s, 1.94 81 eP, Pn, 13 19 43.5 +0.6, PDGK, 1.4nm, 0.2s, 1.94 81 eP, Pn, 13 19 43.5 +0.6

MAN 26 13:23:43.9, 10'07N; 123'57E, h1km, mb3.9, ML2.7, MS2.2, Cebu

IDC 26 13:26:01.7; 1.0, 8'79S; 158'38E, h0km, mb3.77, mb1 3.9/7, mb1mx3.7/40, mbtmp3.7/7, MS3.5/3, Ms1 3.5/3, ms1mx2.9/46, Error ellipse: s-maj=26.4km s-min=19.5km az=2.0

ISC 26 13:26:06.0, 9.85S; 0'2; 158'40E; 0'09, h29km, n10, a0590/9, mb3.87, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC, HNR, Honiara, 1.63 111 Pn, 13 26 31.7 -1.0, HNR, 146nm, 0.3s, baz=262, slow=4.3, SNR=47, S, 13 26 56.5 +0.9, HNR, 219nm, 0.3s, baz=229, slow=23, SNR=18, LR, 13 27 29.6, PMG, 0.4nm, 0.9s, baz=240, slow=37, LR, 13 32 50.0, WRA, 1.0nm, 0.9s, baz=70, slow=9.3, SNR=6.7, LR, 13 41 43.6, ASAR, 1.2nm, 0.9s, baz=70, slow=9.3, SNR=6.7, P, 13 31 51.2 -0.6, STKA, 1.2nm, 0.9s, baz=70, slow=9.3, SNR=6.7, P, 13 31 53.2 +1.1, FITZ, 1.2nm, 0.9s, baz=70, slow=9.3, SNR=6.7, P, 13 32 39.4 -0.4, SONM, 1.0nm, 0.9s, baz=70, slow=9.3, SNR=6.7, P, 13 37 32.5 +1.0, TIXI, 1.0nm, 0.9s, baz=130, slow=6.2, SNR=4.6, LR, 14 14 55.5, ILAR, 0.6nm, 0.9s, baz=207, slow=7.8, SNR=4.5, P, 13 38 32.6 0.0, MKAR, 0.1nm, 0.3s, baz=94, slow=5.8, SNR=6.3, P, 13 38 48.3 -0.5

IDC 26 13:37:11.4; 1.7, 16'15S; 177'54W, h457km, 17km, mb3.3/8, mb1 3.6/10, mb1mx3.2/40, mbtmp4.1/10, Error ellipse: s-maj=36.1km s-min=17.2km az=145.0

ISC 26 13:37:10.1-0.8, 16'25S; 0'2; 177'4W; 0'1, h450km, n12, a154/13, mb3.6/8, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC, MSVF, Nonsavu, 4.65 251 P, 13 39 38.5 +1.2, AFI, 8.9nm, 0.3s, baz=81, slow=5.7, SNR=9.9, P, 13 38 40.5 -2.5, DZM, 0.2nm, 0.3s, baz=152, slow=21, SNR=3.0, P, 13 40 34.2 -1.7, URZ, 0.2nm, 0.3s, baz=152, slow=21, SNR=3.0, P, 13 41 34.1 +0.3, STKA, 0.6nm, 0.9s, baz=303, slow=25, SNR=1.6, P, 13 44 07.8 +0.6, WRA, 0.6nm, 0.9s, baz=303, slow=25, SNR=1.6, P, 13 44 50.2 -1.4, ASAR, 6.2nm, 0.5s, baz=86, slow=8.5, SNR=172, P, 13 44 54.0 +0.2, NVAR, 0.8nm, 0.7s, baz=220, slow=8.5, SNR=2.7, P, 13 48 19.0 +1.3, ILAR, 0.8nm, 0.7s, baz=220, slow=8.5, SNR=2.7, P, 13 48 19.0 +1.3, TXAR, 0.6nm, 0.9s, baz=210, slow=6.6, SNR=4.7, P, 13 48 56.2 +2.6

Table with columns: PDAR, Pinedale Array, 85.44, 43 P, P, 13 49 00.5 +1.1, BRTR, Keskin Array B, 144.29, 37 PKP, PKPdf, 13 55 54.7 +0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC, BATI, Baumata, 2.61 223 Pn, 13 39 16.5 +0.7, BATI, 3.6nm, 0.3s, baz=329, slow=8.8, SNR=2.1, Sn, 13 39 48.9 +0.6, FITZ, 4.6nm, 0.3s, baz=168, slow=24, SNR=1.9, Pn, 13 40 53.9 -0.2, FITZ, 0.2nm, 0.3s, baz=353, slow=8.3, SNR=1.4, Sn, 13 42 34.3 -1.0, FITZ, 0.4nm, 0.3s, baz=319, slow=21, SNR=6.5, LR, 13 46 15.9, WRA, 0.1nm, 0.3s, baz=317, slow=14, SNR=12, Sn, 13 41 57.0 -1.0, WRA, 0.1nm, 0.3s, baz=317, slow=14, SNR=12, Sn, 13 41 57.0 -1.0, ASAR, 0.1nm, 0.3s, baz=321, slow=24, SNR=1.5, Pn, 13 42 35.9 +0.4, MKAR, 0.4nm, 0.6s, baz=138, slow=7.5, SNR=4.3, P, 13 49 26.4 0.0, AAK, 0.8nm, 0.2s, baz=68, slow=34, SNR=3.9, LR, 14 23 29.9

IDC 26 13:40:08.5-0.8, 6'79N; 73'00W, h157km, 15km, mb3.2/6, mb1 3.6/9, mb1mx3.4/34, mbtmp3.8/9, Error ellipse: s-maj=40.5km s-min=7.8km az=134.0, RSNC 26 13:40:09.3; 1.1, 6'83N; 73'11W, h153km, 3km, ML3.7, Mw3.9, Fault plane solution: NPT1098.000007, a: 675.000007, A: -142.000007, ISC 26 13:40:08.6-0.7, 6'83N; 73'10W; 0'03, h159km, 5km, n50, a1556/89, mb3.4/6, 1C-5D, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC, BARC, Barichara, 0.25 199 eP, Pn, 13 40 30.2 -0.1, BARC, 0.9nm, 0.1s, 0.25 199 eP, Pn, 13 40 45.2 -1.8, BARC, 0.9nm, 0.1s, 0.25 199 eP, Pn, 13 40 45.2 -1.8, PAMC, 0.65 38 eP, Pn, 13 40 33.1 +0.8, PAMC, 0.65 38 eP, Pn, 13 40 50.1 -0.3, PAMC, 0.65 38 eP, Pn, 13 40 52.5, BRRC, 0.67 295 eP, Pn, 13 40 32.0 +0.2, BRRC, 0.67 295 eP, Pn, 13 40 48.5 -1.1, BRRC, 0.67 295 eP, Pn, 13 40 52.2, RUSC, 0.93 179 eP, Pn, 13 40 34.2 0.0, RUSC, 0.93 179 eP, Pn, 13 40 53.1 -0.8, RUSC, 0.93 179 eP, Pn, 13 40 53.1 -0.8, TAMC, 1.36 107 eP, Pn, 13 40 38.7 +1.3, TAMC, 1.36 107 eP, Pn, 13 40 58.8 +0.8, TAMC, 1.36 107 eP, Pn, 13 40 59.8, PTBC, 1.38 258 eP, Pn, 13 40 36.8 -0.9, PTBC, 1.38 258 eP, Pn, 13 40 58.2 -1.7, PTBC, 1.38 258 eP, Pn, 13 41 04.3, OCAC, 1.42 351 eP, Pn, 13 40 38.3 0.0, OCAC, 1.42 351 eP, Pn, 13 41 00.1 -1.0, OCAC, 1.42 351 eP, Pn, 13 41 08.7, SPBC, 1.51 220 eP, Pn, 13 40 39.1 -0.1, SPBC, 1.51 220 eP, Pn, 13 41 01.4 -1.2, SPBC, 1.51 220 eP, Pn, 13 41 06.0, ZARAGOZA, 1.87 291 eP, Pn, 13 40 42.8 0.0, ZARAGOZA, 1.87 291 eP, Pn, 13 41 08.0 -1.0, ZARAGOZA, 1.87 291 eP, Pn, 13 41 13.4, NORC, 2.16 235 eP, Pn, 13 40 46.0 -0.1, NORC, 2.16 235 eP, Pn, 13 41 14.9 -0.2, NORC, 2.16 235 eP, Pn, 13 41 20.2, SMLC, 2.19 334 eP, Pn, 13 40 46.4 0.0, SMLC, 2.19 334 eP, Pn, 13 41 14.9 -0.8, SMLC, 2.19 334 eP, Pn, 13 41 20.9, ROSC, 2.32 212 P, Pn, 13 40 50.2 +1.9, ROSC, 2.32 212 P, Pn, 13 41 19.3 +0.2, ROSC, 2.32 212 P, Pn, 13 40 49.9 +1.6, ROSC, 2.32 212 P, Pn, 13 41 20.1 +1.1, ROSC, 2.32 212 P, Pn, 13 41 24.9

HELIC, Santa Helena, 2.49 255 eP, Pn, 13 40 50.7 +0.3, HELIC, 2.49 255 eP, Pn, 13 41 22.6 -0.2, HELIC, 2.49 255 eP, Pn, 13 41 28.3, UREC, 2.58 291 eP, Pn, 13 40 50.0 -1.2, UREC, 2.58 291 eP, Pn, 13 41 20.8 -3.3, UREC, 2.58 291 eP, Pn, 13 41 34.0

SOCV, Socops, 2.66 57 eP, Pn, 13 40 52.1 0.0, SOCV, 2.66 57 eP, Pn, 13 41 24.1 -1.6, LLIC, 2.74 351 eP, Pn, 13 40 54.6 +1.5, LLIC, 2.74 351 eP, Pn, 13 41 30.4 +2.8, GUY2, 2.76 235 eP, Pn, 13 40 54.4 +0.6, GUY2, 2.76 235 eP, Pn, 13 41 29.0 +0.3, GUY2C, 2.76 235 eP, Pn, 13 41 36.7

PTGC, Puerto Gaitan, 2.78 160 eP, Pn, 13 41 53.5 -0.2, PTGC, 2.78 160 eP, Pn, 13 41 27.0 -1.6, PTGC, 2.78 160 eP, Pn, 13 41 28.7, CBCC, Ciudad Bolivar, 3.05 252 eP, Pn, 13 40 57.8 +0.6, CBCC, 3.05 252 eP, Pn, 13 41 35.0 +0.3, CBCC, 3.05 252 eP, Pn, 13 41 40.0

DBBC, Dabeiba, 3.09 274 eP, Pn, 13 40 57.7 +0.1, DBBC, 3.09 274 eP, Pn, 13 40 54.3 -1.2, SDD, 3.19 50 eP, Pn, 13 40 59.8 +0.9, SDD, 3.19 50 eP, Pn, 13 41 36.6 -1.3, SDV, 3.19 50 eP, Pn, 13 40 59.7 +0.9, SDV, 3.19 50 eP, Pn, 13 41 37.2 -0.7, SDV, 3.19 50 eP, Pn, 13 41 40.5

MOTC, Monteria, 3.20 308 eP, Pn, 13 40 57.2 -1.7, MOTC, 3.20 308 eP, Pn, 13 41 35.7 -2.1, MOTC, 3.20 308 eP, Pn, 13 41 51.2, ARGC, Ariguani, 3.22 339 eP, Pn, 13 40 58.1 -1.0, ARGC, 3.22 339 eP, Pn, 13 41 38.5 +0.2, ARGC, 3.22 339 eP, Pn, 13 41 47.7

ANIL, Santa Ana, 3.26 225 eP, Pn, 13 41 00.7 +0.8, ANIL, 3.26 225 eP, Pn, 13 41 02.4 +0.5, ELOOR, 3.59 87 eP, Pn, 13 41 46.0 -0.9, ORTC, 3.60 217 eP, Pn, 13 41 47.5 +0.5, ORTC, 3.60 217 eP, Pn, 13 41 51.7, ORTC, 3.60 217 eP, Pn, 13 41 51.7

CVALL, Valledupar, 3.66 358 eP, Pn, 13 41 04.2 -0.6, CVALL, 3.66 358 eP, Pn, 13 41 47.2 -1.3, CVALL, 3.66 358 eP, Pn, 13 41 53.0, SJCC, San Jacinto, 3.68 326 eP, Pn, 13 41 03.9 -1.1, SJCC, 3.68 326 eP, Pn, 13 41 45.4 -3.5, SJCC, 3.68 326 eP, Pn, 13 42 00.1

PLMC, San Jos del P, 3.70 239 eP, Pn, 13 41 05.8 +0.5, PLMC, 3.70 239 eP, Pn, 13 41 47.3 -2.0, PLMC, 3.70 239 eP, Pn, 13 41 54.0, LCCB, Los crdobas, 3.81 302 eP, Pn, 13 41 08.9 +2.1, LCCB, 3.81 302 eP, Pn, 13 41 49.7 -2.2, LCCB, 3.81 302 eP, Pn, 13 41 55.0

comp=Z, 106nm, 0.3s

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like SAN JOSE DEL G, YOTOCO, SANTA MARTA, MACC, etc.

BUL 26 13:42:04.9.1.2.25:31S:28:51E, h10km, MD3.7
EAF 26 13:42:05.1.1.25:30S:28:49E, h10km, MD3.6
ISC 26 13:42:03.8.1.3.25:32S:0:07:28:50E, 0.06, h10km, n8,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like LBTB, MOPANI, MSNA, BOSHA, BOSA, etc.

IDC 26 13:42:24.6.0.4.9:68S:71:16W, h606km, 4km, mb4.0/34,
mb1.4/242, mb1mx4.1/51, mb1m5.0/42, Error ellipse:
s-maj=3.3km s-min=1.1km az=50.0

NEIC 26 13:42:24.5.2.0.9:76S:0:09:71:3W, 0.1, h606km, 7km,
mb4.9/327, Error ellipse: s-maj=17.1km s-min=13.0km
az=70.0

BDF 26 13:42:24.2.1.9:69S:0:09:71:2W, 0.1, h591km, 5km,
Error ellipse: s-maj=16.2km s-min=12.6km az=71.0

BAZ 26 13:42:24.0.0.3.9:25S:71:15W, h593km, mb4.8
BUI 26 13:42:27.0.0.0.9:80S:71:30W, h616km, mb5.4/5
ISC 26 13:42:24.2.0.3.9:75S:0:04:71:18W, 0.05, h607km, 3km,

n639, 1:108/652, mb4.8/194, 63C-216D, Fault plane
solution: NP12:205.21568, 387.29458, 1.22, 68.843:
NP2:114.07429, 367.14213, 3.117, 0.0393: Principal
axes: T P1g17.9417r, Azm71.9999r; N P1g66.9644r,
Azm211.5962r; P P1g13.9631r, Azm337.3820r;

Peru-Brazil border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CRUZERO DO SU, EXTREMA, TABATINGA, NANA, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like PAEZ BELALCAZA, IPOC STATION P, ORTEGA, PITINGA, etc.

26d 13h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like GUANDU, RIBONI, ALF01, etc.

26d 13h

BRNJ	Basking Ridge	50.28 357	I	Amb	13 50 26.7
SLBS	Sierra La Lagu	50.40 312	P	P	13 50 27.9 +0.3
OS4A	Avella	50.41 351	I	Amb	13 50 29.2
SSPA	Standing Stone	50.52 353	P	P	13 50 27.8 -0.2
SSPA	Standing Stone	50.52 353	P	P	13 50 27.7 -0.2
HHAR	Hobbs	50.56 336	Amb	Amb	13 50 28.4
N59A	State Game La	50.59 355	P	P	13 50 28.0 -0.6
N58A	Sunbury	50.60 355	I	Amb	13 50 29.2
O53A	New Philadelphia	50.61 350	P	P	13 50 28.4 -0.3
O53A	New Philadelphia	50.61 350	I	Amb	13 50 29.3
P49A	Miami Univ. Ec	50.62 346	P	P	13 50 27.3 -1.5
P49A	Miami Univ. Ec	50.62 346	I	Amb	13 50 27.8
P48A	Milroy	50.72 346	I	Amb	13 50 28.6
TUL1	Leonard	51.00 334	P	P	13 50 31.4 -0.2
N54A	Moraine State	51.11 351	P	P	13 50 32.5 +0.2
N54A	Moraine State	51.11 351	I	Amb	13 50 33.4
CCM	Cathedral Cave	51.12 340	P	P	13 50 31.4 -1.0
CCM	Cathedral Cave	51.12 340	I	Amb	13 50 31.5 -1.0
M57A	Sunshine Farm,	51.13 354	I	Amb	13 50 33.0
P46A	Rosedale	51.32 344	I	Amb	13 50 32.6
WMOK	Wichita Mounta	51.39 331	P	P	13 50 34.0 -0.5
OK405	Westminster Rd	51.41 333	I	Amb	13 50 35.6
M55A	Ridgeway	51.44 353	I	Amb	13 50 35.4
N51A	Ashland	51.46 349	I	Amb	13 50 34.8
M54A	Oil Creek Stat	51.60 352	P	P	13 50 35.6 -0.2
M54A	Oil Creek Stat	51.60 352	I	Amb	13 50 36.5
M53A	W Miller and	51.68 351	P	P	13 50 36.2 -0.2
BINY	Binghamton	51.88 355	P	P	13 50 37.7 -0.1
L56A	Greenwood	51.96 354	I	Amb	13 50 39.0
L61B	Northampton	51.96 359	P	P	13 50 37.6 -0.8
HRV	Adam Dzewonsk	52.00 360	P	P	13 50 38.4 -0.8
SFIN	Lafayette	52.01 345	P	P	13 50 36.8 -1.9
T35A	Sooner Cattle	52.16 334	I	Amb	13 50 40.5
O44A	Mansfield	52.17 343	I	Amb	13 50 38.8
ERPA	Erie	52.24 352	P	P	13 50 40.5 +0.2
TRY	Troy	52.28 358	I	Amb	13 50 41.4
WVNY	West Valley, N	52.35 353	I	Amb	13 50 41.5
K57A	Scipio Center	52.45 355	I	Amb	13 50 42.1
MNNY	MT Morris Dam	52.59 354	I	Amb	13 50 43.0
MNTX	Cornudas Mount	52.63 323	P	P	13 50 43.0 -0.4
HDIL	Hopeville	52.78 343	P	P	13 50 42.1 -2.1
KAN17	Caldwell West	52.82 333	I	Amb	13 50 44.5
MSTX	Muleshoe	52.83 327	P	P	13 50 44.6 -0.2
MSTX	Muleshoe	52.83 327	I	Amb	13 50 45.4
KAN14	Manchester	52.83 333	I	Amb	13 50 45.4
AMTX	Amarillo	52.95 328	P	P	13 50 45.5 -0.2
AMTX	Amarillo	52.95 328	I	Amb	13 50 46.2
AAM	Ann Arbor	53.05 348	P	P	13 50 45.0 -1.1
J59A	Piseco	53.05 357	I	Amb	13 50 46.8
LBNH	Lisbon	53.74 359	P	P	13 50 50.8 -0.1
L44A	Lake County Fo	53.91 345	P	P	13 50 50.2 -1.9
KSU1	Kansas State U	54.05 336	P	P	13 50 52.5 -0.8
KSU1	Kansas State U	54.05 336	I	Amb	13 50 53.3
LONV	Lake Ozonia	54.20 357	P	P	13 50 53.8 -0.4
L42A	Oliver, Polo	54.23 343	I	Amb	13 50 53.5
K43A	Burlington	54.51 345	I	Amb	13 50 55.6
121A	Cookes Peak, D	54.66 322	P	P	13 50 58.8 +0.9
121A	Cookes Peak, D	54.66 322	I	Amb	13 50 59.6
G62A	West of Eustis	54.72 1 P	P	P	13 50 58.0 +0.2
G62A	West of Eustis	54.72 1 P	I	Amb	13 50 59.1
SADO	Sadowa	54.74 353	P	P	13 50 57.0 -0.8
L40A	Anamosa	54.74 342	I	Amb	13 50 58.0
PKME	Peaks-Kenny Pk	54.79 2 P	P	P	13 50 58.4 +0.2
G65A	Princeton	54.79 3 I	Amb	Amb	13 50 59.3
319A	Douglas	54.81 320	I	Amb	13 50 100.3
CBKS	Cedar Bluff	55.15 333	P	P	13 51 00.9 -0.1
CBKS	Cedar Bluff	55.15 333	I	Amb	13 51 02.0
PMSA	Palmer Station	55.17 176 eP	P	P	13 51 01.3 +0.8
N35A	Tabor	55.19 338	I	Amb	13 51 00.8
JFWS	Jewell Farm	55.23 343	P	P	13 51 00.3 -1.1
SCIA	State Creek	55.24 340	P	P	13 51 00.5 -1.0
F64A	Sherman	55.42 2 P	P	P	13 51 02.8 +0.2
ANMO	Albuquerque	55.59 325	P	P	13 51 04.3 +0.1
ANMO	Albuquerque	55.59 325	I	Amb	13 51 55.1 +0.4
ANMO	Albuquerque	55.59 325	S	S	13 58 05.7 +0.3
ANMO	Albuquerque	55.59 325	P	P	13 51 04.5 +0.2
ANMO	Albuquerque	55.59 325	P	P	13 51 03.9 -0.4
K38A	Parkersburg	55.76 341	I	Amb	13 51 04.0
I42A	Windswept, Lux	55.77 345	I	Amb	13 51 04.9
H43A	Windswept, Lux	56.02 346	I	Amb	13 51 06.2
G45A	Suttons Bay	56.08 348	I	Amb	13 51 06.5
T25A	Trinidad	56.10 328	P	P	13 51 08.4 +0.7
T25A	Trinidad	56.10 328	I	Amb	13 51 09.3
E62A	Clayton Lake	56.13 1 P	P	P	13 51 07.9 +0.4
I40A	Norwalk	56.23 343	I	Amb	13 51 07.9
TUC	Tucson	56.38 320	P	P	13 51 10.0 +0.4

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TUC	Tucson	56.38 320	P	P	13 51 09.2 -0.5
D62A	Allapoint, All	56.61 2	I	Amb	13 51 11.8
BGNE	Belgrave	56.63 336	P	P	13 51 10.8 -0.3
BATG	Bathurst New B	56.96 4 P	P	P	13 51 12.8 -0.3
E46A	Sault Ste Mari	57.09 349	I	Amb	13 51 13.5
SDCO	Great Sand Dun	57.13 328	P	P	13 51 15.6 +0.8
SDCO	Great Sand Dun	57.13 328	I	Amb	13 51 16.4
I37A	Wesaca	57.19 341	I	Amb	13 51 14.5
214A	Organ Pipe Nat	57.48 318	P	P	13 51 18.0 +1.0
214A	Organ Pipe Nat	57.48 318	I	Amb	13 51 18.8
W18A	Petrified Fore	57.62 323	P	P	13 51 18.7 +0.6
E43A	Lone Tree Farm	57.64 347	I	Amb	13 51 17.3
S22A	4UR Ranch, Cre	57.83 327	P	P	13 51 20.2 +0.6
Q24A	Divide	57.86 329	P	P	13 51 20.5 +0.6
ECSD	Belvidere Data	58.04 338	P	P	13 51 19.7 -0.8
SPMM	Marine on St.	58.09 342	P	P	13 51 19.8 -1.1
SPMM	Marine on St.	58.09 342	I	Amb	13 51 20.5
MVCO	Mesa Verde	58.36 325	P	P	13 51 23.7 +0.5
MVCO	Mesa Verde	58.36 325	I	Amb	13 51 24.6
113A	Mohawk Valley,	58.61 318	P	P	13 51 25.1 +0.6
D41A	Chassel	58.65 346	I	Amb	13 51 24.5
ISCO	Idaho Springs	58.73 329	P	P	13 51 26.3 +0.7
WUAZ	Wupatki	58.87 322	P	P	13 51 27.5 +1.0
WUAZ	Wupatki	58.87 322	I	Amb	13 51 28.4
F36A	Milaca	58.99 342	I	Amb	13 51 26.0
E38A	The Farm, Brul	58.99 344	I	Amb	13 51 26.6
GLA	Glamis	59.49 318	P	P	13 51 31.2 +0.7
SUSD	Miller	59.52 337	P	P	13 51 30.0 -0.4
N23A	Red Feather La	59.73 330	P	P	13 51 32.6 +0.5
F33A	5 Mile Ranch,	59.76 340	I	Amb	13 51 31.9
PDMO	Parker Dam, Lak	59.82 319	P	P	13 51 33.3 +0.7
DRLN	Deer Lake	59.97 10	P	P	13 51 32.8 -0.4
DRLN	Deer Lake	59.97 10	I	Amb	13 51 33.5
EYMN	Ely	60.20 344	P	P	13 51 33.8 -1.0
EYMN	Ely	60.20 344	I	Amb	13 51 34.6
BC3	Big Chuekawall	60.27 318	P	P	13 51 36.7 +1.0
O20A	White River C1	60.33 328	P	P	13 51 36.7 +0.6
IRM	Iron Mountain	60.38 319	P	P	13 51 37.1 +0.7
MONP2	Monument Peak	60.46 317	P	P	13 51 37.9 +0.8
KNB	Kanab	60.74 322	I	Amb	13 51 41.3
SRU	San Rafael Sme	60.83 326	I	Amb	13 51 40.6
BELC	Belle Mtn. Jos	60.84 318	P	P	13 51 40.5 +0.9
PFO	Pinyon Flats O	60.91 317	P	P	13 51 40.9 +1.0
PFO	Pinyon Flats O	60.91 317	I	Amb	13 51 41.0 +1.0
PFO	Pinyon Flats O	60.91 317	P	P	13 51 38.3 -1.6
P18A	Preston Nutter	61.01 326	I	Amb	13 51 42.5
GMRC	Granite Mounta	61.10 319	P	P	13 51 42.3 +1.2
B35A	Bols, Littlefor	61.20 343	I	Amb	13 51 41.1
P17A	Butcher Ranch,	61.20 326	I	Amb	13 51 40.3
RSSD	Black Hills	61.34 334	P	P	13 51 43.3 +0.7
RSSD	Black Hills	61.34 334	I	Amb	13 51 44.1
K22A	Casper	61.34 331	P	P	13 51 43.2 +0.6
TMUT	Trail Mountain	61.34 325	I	Amb	13 51 44.2
RDMU	Red Mountain	61.34 327	I	Amb	13 51 44.0
MURC	Murrieta	61.40 317	P	P	13 51 44.0 +1.0
HEC	Hector, Ludlow	61.56 318	P	P	13 51 45.6 +1.4
TUQ	Turquoise Moun	61.67 319	P	P	13 51 45.9 +1.1
AGMN	Agassiz Nation	61.78 342	P	P	13 51 44.5 -0.6
RRX	Edison Bardso	62.02 318	P	P	13 51 48.4 +1.4
BFSC	Mount Baldy Ra	62.09 317	P	P	13 51 48.3 +0.7
CIS	Catalina Islan	62.12 316	P	P	13 51 49.3 +1.6
GSC	Goldstone, Bar	62.16 319	P	P	13 51 49.1 +1.2
SHOC	Shoshone, Teco	62.18 319	P	P	13 51 49.2 +1.2
DECC	Green Verdugo	62.55 317	P	P	13 51 51.8 +1.3
GWY	Greenwater Val	62.60 319	P	P	13 51 51.6 +0.7
MDND	Maddock	62.64 339	P	P	13 51 51.3 +0.6
EDW2	Edwards Air Fo	62.69 318	P	P	13 51 52.0 +0.7
LRMC	Laurel Mtn Rd	62.84 318	P	P	13 51 53.4 +1.0
DUG	Dugway, Toeel	62.86 325	P	P	13 51 53.5 +1.0
DUG	Dugway, Toeel	62.86 325	I	Amb	13 51 54.4
FURC	Furnace Creek,	62.90 320	P	P	13 51 54.0 +1.5
BW06	Butler Array	62.92 329	P	P	13 51 52.8 -0.1
PDAR	Pinedale Array	62.92 329	P	P	13 51 52.7 -0.2
PDAR	Pinedale Array	62.92 329	P	P	13 52 23.8 -0.4
PDAR	Pinedale Array	62.92 329	P	P	13 53 51.7 0.0
OSI	Oso Aduit	63.02 317	P	P	13 51 54.4 +0.9
MPMC	Manual Prospec	63.05 319	P	P	13 51 54.6 +0.8
R11A	Troy Canyon, C	63.27 322	P	P	13 51 56.5 +1.3
ARVC	Arvin	63.39 317	P	P	13 51 56.7 +0.7
ISA	Isabella, Lake	63.46 318	P	P	13 51 57.6 +1.3
ISA	Isabella, Lake	63.46 318	I	Amb	13 51 58.5
ULM	Lac du Bonnet	63.52 343	P	P	13 51 55.3 -1.0
ULM	Lac du Bonnet	63.52 343	I	Amb	13 51 55.2 -1.0
CWC	Cottonwood Cre	63.66 319	P	P	13 51 58.9 +1.2
LCH	Last Change Ra	63.86 320	P	P	13 51 60.0 +1.1

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PKM	Mpherson Peak	63.91 317	P	P	13 52 00.5 +1.2
VES	Vestal, Richgr	63.97 318	P	P	13 52 00.6 +1.2

SBUM	comp=Z,69nm,1.2s	I	Amb	I	Amb	14 01 43.4
ATKA	Atka Island comp=Z,150nm,0.9s	69.76	4	P	P	14 01 40.4 -0.6
JEW	Eniwetok	69.84	331	P	P	14 01 42.5 +0.8
CMJI	Cimerak	70.07	268	P	P	14 01 42.5 -1.2
YULB	Yu-li	70.30	304	P	P	14 01 43.7 -1.2
YULB				I	Amb	14 01 46.6
JKA	Kamikawa-asahi	70.31	332	P	P	14 01 45.4 +1.0
JKA				I	Amb	14 01 47.7
ASAJ	Asahikawa	70.31	332	P	P	14 01 45.4 +0.9
ASAJ				pmax	pmax	
NACB	Ninganchiao	70.46	304	P	P	14 01 45.5 -0.3
NACB				I	Amb	14 01 47.0
SSLB	Suanguilung	70.77	304	P	P	14 01 46.3 -1.4
SSLB				I	Amb	14 01 48.2
SSLB	Suanguilung	70.77	304	P	P	14 01 46.9 -0.7
TPUB	Tu-pu	71.97	303	P	P	14 01 46.9 -0.8
YHNB	Yeheng	70.88	305	P	P	14 01 48.0 -0.3
YHNB				I	Amb	14 01 49.8
YHNB	Yeheng	70.88	305	P	P	14 01 48.7 +0.4
KSM	Kuching	71.07	278	P	P	14 01 50.0 +0.4
KSM				P	P	14 01 50.2 +0.6
KSM	Kuching	71.07	278	P	P	14 01 50.5 +0.9
LEM	Lembang	71.13	269	P	P	14 01 50.3 +0.2
LEM				P	P	14 01 50.3 +0.2
CNJI	Cibinong	71.46	268	P	P	14 01 51.8 0.0
CBJI	Citek	71.97	269	P	P	14 01 52.9 +0.9
DBJI	Dramaga	72.03	269	P	P	14 01 55.3 +0.1
UNV	Unalaska Valle	72.17	8	P	P	14 01 54.2 -0.7
UNV				P	P	14 01 54.3 -0.7
UNV	Unalaska Valle	72.17	8	P	P	14 01 54.6 -0.4
QSPA	South Pole Qui	72.39	180	P	P	14 01 57.3 +0.9
QSPA				S	S	14 10 32.6 +1.4
QSPA				S	S	14 01 57.1 +0.8
YSS	Yuzh-Sakhalins	72.50	334	P	P	14 01 58.6 +1.6
YSS				pmax	pmax	
SBJI	Serang	72.74	267	P	P	14 02 00.5 +1.3
PET	Petrovlovsk	72.76	349	P	P	14 01 58.2 +0.2
PET				eS	eS	14 10 36.8 +1.5
PET				eSS	eSS	14 15 30.6 -3.1
PET	Petrovlovsk	72.76	347	P	P	14 01 58.2 -0.2
PET	Petrovlovsk	72.76	347	P	P	14 01 57.8 -0.6
PEA0B	Petrovlovsk	73.05	346	P	P	14 02 00.6 +0.5
PEA0B				pmax	pmax	
PEA0B	Petrovlovsk	73.05	346	P	P	14 02 00.6 +0.5
PEA0B				I	Amb	14 02 02.7
PETK	Petrovlovsk	73.05	346	P	P	14 01 59.9 -0.3
PETK				P	P	14 02 00.1 0.0
PETK	Petrovlovsk	73.05	346	P	P	14 02 00.1 0.0
PETK				P	P	14 02 02.5 +0.9
QZHK	Quanzhou	73.21	304	P	P	14 02 02.5 +0.9
QZHK				pmax	pmax	
KSR5	Korea Array	73.47	319	P	P	14 02 03.8 +1.0
UNV	Unalaska Valle	73.49	273	P	P	14 02 07.1 +1.3
UNV				P	P	14 02 06.4 -0.6
UNV	Unalaska Valle	73.49	273	P	P	14 02 06.4 -0.6
UNV				P	P	14 02 08.3 +0.2
UNV				P	P	14 02 08.2 -0.6
UNV	Unalaska Valle	73.49	273	P	P	14 02 11.9 -0.4
UNV				P	P	14 02 10.9 -1.5
UNV	Unalaska Valle	73.49	273	P	P	14 02 15.8 +1.6
UNV				P	P	14 02 14.5 +0.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 14.5 +0.3
UNV				P	P	14 02 15.7 +0.9
UNV	Unalaska Valle	73.49	273	P	P	14 02 18.1 +1.2
UNV				P	P	14 02 18.2 +0.2
UNV	Unalaska Valle	73.49	273	P	P	14 02 15.6 -0.4
UNV				P	P	14 02 15.4 -0.5
UNV	Unalaska Valle	73.49	273	P	P	14 02 19.6
UNV				I	Amb	14 02 16.9 0.0
UNV	Unalaska Valle	73.49	273	P	P	14 02 18.9 -0.1
UNV				P	P	14 02 19.1 +0.1
UNV	Unalaska Valle	73.49	273	P	P	14 02 21.5 +1.7
UNV				eP	eP	14 02 21.5 +1.4
UNV	Unalaska Valle	73.49	273	P	P	14 02 21.5 +1.4
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 21.5 +1.4
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 25.6 +1.2
UNV				P	P	14 02 27.4 +2.1
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.6 +1.4
UNV				I	Amb	14 02 28.2
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.4 +1.0
UNV				P	P	14 02 28.0
UNV	Unalaska Valle	73.49	273	P	P	14 02 27.6 +2.0
UNV				P	P	14 02 27.9 +0.8
UNV	Unalaska Valle	73.49	273	P	P	14 02 30.2
UNV				I	Amb	14 02 26.9 +0.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.8 +0.1
UNV				P	P	14 02 30.0 +1.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 29.1 +1.1
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 25.6 +1.2
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.6 +1.4
UNV				I	Amb	14 02 28.2
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.4 +1.0
UNV				P	P	14 02 28.0
UNV	Unalaska Valle	73.49	273	P	P	14 02 27.6 +2.0
UNV				P	P	14 02 27.9 +0.8
UNV	Unalaska Valle	73.49	273	P	P	14 02 30.2
UNV				I	Amb	14 02 26.9 +0.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.8 +0.1
UNV				P	P	14 02 30.0 +1.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 29.1 +1.1
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 25.6 +1.2
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.6 +1.4
UNV				I	Amb	14 02 28.2
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.4 +1.0
UNV				P	P	14 02 28.0
UNV	Unalaska Valle	73.49	273	P	P	14 02 27.6 +2.0
UNV				P	P	14 02 27.9 +0.8
UNV	Unalaska Valle	73.49	273	P	P	14 02 30.2
UNV				I	Amb	14 02 26.9 +0.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.8 +0.1
UNV				P	P	14 02 30.0 +1.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 29.1 +1.1
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 25.6 +1.2
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.6 +1.4
UNV				I	Amb	14 02 28.2
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.4 +1.0
UNV				P	P	14 02 28.0
UNV	Unalaska Valle	73.49	273	P	P	14 02 27.6 +2.0
UNV				P	P	14 02 27.9 +0.8
UNV	Unalaska Valle	73.49	273	P	P	14 02 30.2
UNV				I	Amb	14 02 26.9 +0.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.8 +0.1
UNV				P	P	14 02 30.0 +1.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 29.1 +1.1
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 25.6 +1.2
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.6 +1.4
UNV				I	Amb	14 02 28.2
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.4 +1.0
UNV				P	P	14 02 28.0
UNV	Unalaska Valle	73.49	273	P	P	14 02 27.6 +2.0
UNV				P	P	14 02 27.9 +0.8
UNV	Unalaska Valle	73.49	273	P	P	14 02 30.2
UNV				I	Amb	14 02 26.9 +0.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.8 +0.1
UNV				P	P	14 02 30.0 +1.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 29.1 +1.1
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 25.6 +1.2
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.6 +1.4
UNV				I	Amb	14 02 28.2
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.4 +1.0
UNV				P	P	14 02 28.0
UNV	Unalaska Valle	73.49	273	P	P	14 02 27.6 +2.0
UNV				P	P	14 02 27.9 +0.8
UNV	Unalaska Valle	73.49	273	P	P	14 02 30.2
UNV				I	Amb	14 02 26.9 +0.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.8 +0.1
UNV				P	P	14 02 30.0 +1.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 29.1 +1.1
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 25.6 +1.2
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.6 +1.4
UNV				I	Amb	14 02 28.2
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.4 +1.0
UNV				P	P	14 02 28.0
UNV	Unalaska Valle	73.49	273	P	P	14 02 27.6 +2.0
UNV				P	P	14 02 27.9 +0.8
UNV	Unalaska Valle	73.49	273	P	P	14 02 30.2
UNV				I	Amb	14 02 26.9 +0.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.8 +0.1
UNV				P	P	14 02 30.0 +1.3
UNV	Unalaska Valle	73.49	273	P	P	14 02 29.1 +1.1
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 25.6 +1.2
UNV				pmax	pmax	
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.6 +1.4
UNV				I	Amb	14 02 28.2
UNV	Unalaska Valle	73.49	273	P	P	14 02 26.4 +1.0
UNV				P	P	14 02 28.0

26d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BRY Bratogost, PHP Peshkopja, APE Apeiranthos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include OJK Ostrava-Krasne, OJC Ojcow, MORC Moravsky Berou, etc.

TIF 26 14:37:46.4, 42°18'N, 47°12'E, h11km, 1km
DRS 26 14:37:46.2, 42°18'N, 47°16'E, h9km, ML2.8/7, FELT

NORS 26 14:37:48.6, 42°18'N, 47°07'E, h5km, MPVA3.6
ISC 26 14:37:45.3, 42°18'N, 47°19'E, 0.06, h16km, 6km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BUJR Buynaksk, KRNK Karanay, DBC Dubki, etc.

MAN 26 14:40:14.3, 102°9N, 124°10E, h1km, mb3.8, ML2.5, MS2.0,

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include Leyte, MAN 26 14:47:07.1, 133°5N, 120°36E, h43km, mb3.9, ML2.7, etc.

ROM 26 15:35:53.6, 0.2, 39°14'N, 0°10', 15°41'E, 0.03, h277km, 1km, ML3.4/25, Error ellipse: s-maj=2.2km

NEIC 26 15:35:54.7, 1.9, 39°31'N, 0°09', 15°2E, 0.1, h267km, 9km, mb4.3/8, ML3.4(ROM), Error ellipse: s-maj=13.4km

ISC 26 15:36:13.3, 9.0, 39°56'N, 14°06'E, h520km, 141km, mb2.9/6, mb1.3, 0.7, mb1mx2.7, 790, mbtmp3.8/7, Error ellipse:

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IST3 Stromboli F, CET2 Cetararo, CAR1 Carolei, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MSRU, CUC Castruccio, CEL Celeste, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NOA, NB201, NC204, etc.

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

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

IDC 26 16:07:30.4, 0.9, 381.67S: 73.24W, h0km, mb4.0/8, mb1.4/10, mb1mx4.0/28, mb1mp4/10, ML3.8/2, MS3.6/12, Ms1.3/6.12, ms1mx3.4/27, Error ellipse: s-maj=26.3km s-min=13.6km az=71.0

ROM 26 16:10:31.8, 0.2, 44.547N: 0.0066.73E: 0.01, h6km, ML2.2/11, Error ellipse: s-maj=1.1km s-min=0.2km az=243.0

ROM 26 16:11:16.9, 0.1, 44.539N: 0.0056.685E: 0.006, h11km, ML1.9/4, Error ellipse: s-maj=0.5km s-min=0.3km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LR02, LR02, LR04, etc.

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

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

NEIC 26 16:07:33.2, 3.3, 38.83S: 0.04: 73.48W, 0.1, 10, h2km, 5km, mb4.5/12, ML4.7(GUC), Error ellipse: s-maj=11.2km s-min=5.3km az=88.0

STR 26 16:10:31.5, 0.2, 45.1N: 2.45E, h13km, 2km, MLV2.2/7, preliminary

GEN 26 16:10:31.4, 4.53N: 6.71E, h9km, 1km, ML2.1, LDG 26 16:10:31.6, 0.0, 44.53N: 6.67E, h7km, ML2.7/26, 2C-2D, Error ellipse: s-maj=1.0km s-min=0.6km az=54.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LR03, LR03, LR03, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LR03, LR03, LR03, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LR03, LR03, LR03, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LR03, LR03, LR03, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LR03, LR03, LR03, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LR03, LR03, LR03, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LR03, LR03, LR03, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LR03, LR03, LR03, etc.

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like COIG, R15V, EZSV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JAGI, JAGI Jajag, MEEK Meekatharra, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LBMI Labuha, KMSI Cibinong, SANI Sanana, etc.

IDC 26 16:45:54.5, 1.0, 6:23S, 149:23E, h0km, mb4.0/9, mb1.4/3.1, mb1mx3.1/29, mbtmp4.1/11, ML4.5/1, MS3.2/8, Ms1.3/2.8, ms1mx3.0/32, Error ellipse: s-maj=34.6km s-min=15.3km az=109.0

IDC 26 17:14:13.7, 1.3, 6:74N, 94:38E, h0km, mb3.9/8, mb1.4/0.10, mb1mx3.8/42, mbtmp3.9/10, ML4.0/2, MS3.0/5, Ms1.3/0.5, ms1mx2.8/36, Error ellipse: s-maj=54.4km s-min=17.8km az=57.0

IDC 26 17:29:49.1, 1.6, 14:70N, 0:07, 147:15E, h0km, mb3.9/11, mb1.4/1.12, mb1mx3.9/45, mbtmp4.0/12, ML4.5/1, MS3.0/5, Ms1.3/1.5, ms1mx2.8/29, Error ellipse: s-maj=29.4km s-min=16.2km az=107.0

DJA 26 16:46:04.0, 4.0, 7:53, 14:9E, h73km, mb4.6/14, mb6.1/2, mb4.4/14, ML4.7/3, Mw(mb)5.8/2

IDC 26 16:46:01.8, 0.5, 6:34S, 0:06, 149:08E, h0km, mb3.6/6km, mb4.6/35, Error ellipse: s-maj=11.4km s-min=8.6km az=114.0

ISC 26 17:29:51.6, 0.9, 14:66N, 0:09, 147:2E, 0:1, h33km, n43, s068/39, mb4.3/20, MS3.0/4, Mariana Islands region

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG, PMG, PMG, etc.

IDC 26 17:14:18.2, 0.8, 6:87N, 0:10, 94:6E, 0:1, h26km, n49, s1836/41, mb4.3/16, MS3.1/3, Nicobar Islands region

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LHMI, SRIT, PSI, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ANA2, GUMO, GUMO, etc.

MAN 26 18:01:53.0, 9:56N, 126:23E, h1km, mb3.8, ML2.6, MS2.1, Mindanao

ATH 26 18:03:29.5, 38:47N, 20:58E, h11km, 2km, ML2.2/6, Error ellipse: s-maj=2.5km s-min=0.7km az=278.0

THE 26 18:03:29.4, 38:47N, 20:55E, h10km, 1km, ML2.7/4, Error ellipse: s-maj=1.6km s-min=0.4km az=108.0

ISC 26 18:03:29.2, 0.9, 38:46N, 0:02, 20:58E, 0:03, h12km, 6km, n32, s053/51, Greece

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

Table of astronomical observations for 26d 18h, listing stations like CONA, OBKA, MORC, KRUC, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2015 NOV, listing stations like CMAR, ZAAO, ZALV, ZALV, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 1656, listing stations like SORM, BVAR, BRVK, WMQ, etc., with columns for station name, coordinates, and observation details.

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

Table of astronomical observations for 26d 18h, listing stations like GEYT, GEYT, ABKAR, etc., with columns for station name, coordinates, and observation details.

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

Table of astronomical observations for 2015 NOV, listing stations like ABKAR, ABKAR, AKTO, etc., with columns for station name, coordinates, and observation details.

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

Table of astronomical observations for 1656, listing stations like DPC, KLMR, KLMR, etc., with columns for station name, coordinates, and observation details.

26d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Manley, Tanana, Dot Lake, etc.

IDC 26 18:59:47.8:1.1, 31.56N:87.81E, h0km, mb3.6/7, mb1 3.7/9, mb1mx3.5/48, mbtmp3.6/9, ML2.6/2, MS4.1/1, MS1 4.1/1, ms1mx2.7/50, Error ellipse: s-maj=37.4km s-min=19.1km az=64.0

NEIC 26 18:59:49.2:0.9, 31.7N:0.2:87.8E:0.2, h11km, 4km, mb3.8/9, ML4.1(BJ), Error ellipse: s-maj=25.0km s-min=22.6km az=87.0

BUI 26 18:59:49.1:0.0, 31.90N:88.00E, h9km, mb4.0/3, ML4.0/2

ISC 26 18:59:49.2:0.7, 31.72N:0.09:87.94E:0.07, h10km, n25, z=20/23, mb3.8/7, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Lhasa, Simia, DHRM, etc.

IDC 26 19:01:15.3:1.6, 1.55N:126.54E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.4/38, mbtmp3.7/5, ML3.6/1, MS3.6/1, MS1 3.6/1, ms1mx2.7/33, Error ellipse: s-maj=114.1km s-min=19.4km az=69.0

DJA 26 19:01:20.7:0.4, 12.4E:12.6E, h10km, M3.9/13, mb4.2/6, mb4.5/1, MLV3.7/13, MW(MB)3.7/1

ISC 26 19:01:21.9:1.3, 1.5N:0.1:126.48E:0.09, h47km, n17, z=078/16, mb3.7/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tnati, Labuha, KMSI, etc.

MDD 26 19:05:33.5:0.7, 35.41N:1.08W, h0km, mblg2.2/7, Error ellipse: s-maj=11.1km s-min=4.2km az=36.0, PRXIMO

CRAAG 26 19:05:34.4, 35.39N:0.87W, ML2.7

2015 NOV

CNRM 26 19:05:35.7, 35.61N:1.18W, h11km, ml2.5

ISC 26 19:05:32.4:1.2, 35.55N:0.03:0.92W:0.04, h10km, 11km, n23, r166/39, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Djebel Tessala, Oran, etc.

IDC 26 19:16:53.8:10.0, 5.43S:153.99E, h150km, 70km, mb3.2/3, mb1 3.4/4, mb1mx3.1/37, mbtmp3.7/4, Error ellipse: s-maj=108.8km s-min=36.6km az=103.0, New Ireland region

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

IDC 26 19:17:47.5:2.1, 43.50N:105.31W, h0km, mb1 3.7/3, mb1mx3.4/57, mbtmp3.4/3, ML3.4/3, Error ellipse: s-maj=55.0km s-min=10.1km az=151.0

NEIC 26 19:17:49.5:0.9, 43.70N:0.06:105.26W:0.09, h0km, 2km, ML3.4/52, Error ellipse: s-maj=11.8km s-min=9.1km az=112.0

ISC 26 19:17:49.3:1.0, 43.71N:0.05:105.32W:0.05, h0km, n48, z=083/46, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Black Hills, Casper, Rawlins, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Eagle Creek, Snowmass, etc.

NNC 26 19:22:20.8:1.5, 42.91N:85.73E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=11.4km s-min=6.1km az=141.0

SOME 26 19:22:36.6, 42.82N:85.12E, h10km

ISC 26 19:22:34.0:2.4, 42.9N:0.1:85.09E:0.09, h10km, n25, z=1579/27, SC-2D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ketmen, Podgorny, etc.

IDC 26 19:29:51.1:2.8, 8.34S:133.33E, h0km, mb3.7/1, mb1 3.5/4, mb1mx3.3/31, mbtmp3.3/4, ML2.8/3, Error ellipse: s-maj=96.1km s-min=31.1km az=85.0, Ararufa Sea

0.5nm, 0.6s, baz=120, slow=7.2, SNR=5.2

MAN 26 19:31:51.0, 6.46N, 123.85E, h29km, mb4.7, ML3.6, MS3.5, Mindanao

IDC 26 19:40:26.1±9.1, 12.39S, 166.74E, h222km, 99km, mb3.4/5, mb1.3/5.6, mb1mx3.2/40, mbtmp3.9/6, Error ellipse: s-maj=91.8km s-min=26.7km az=153.0

ISC 26 19:40:24.2±1.6, 12.35S, 162.16E, h2, h200km, n6, s=109/6, mb3.7/5, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include stations like DZM, STKA, WRA, ASAR, FITZ, ILAR.

NNC 26 19:42:27.3±9.3, 36.40N, 170.46E, h0km, mb3.6, mpv3.3, 3C-2D, Error ellipse: s-maj=93.8km s-min=70.7km az=130.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include stations like KK02, AAK, AB31.

IDC 26 19:48:16.3±0.7, 0.87N, 127.38E, h0km, mb4.1/10, mb1.4/3.12, mb1mx4.0/36, mbtmp4.1/12, ML3.6/2, MS3.2/4, Ms1.3/2.4, ms1mx2.8/37, Error ellipse: s-maj=29.0km s-min=14.0km az=65.0

NEIC 26 19:48:19.8±2.6, 0.83N, 0.08E, 127.44E±0.05, h18km, 4km, mb4.5/29, Error ellipse: s-maj=12.1km s-min=6.8km az=167.0

DJA 26 19:48:19.5±0.2, 1.2±2.12°E, h10km, M4.2/18, mb4.5/18, mb5.0/7, MLv4.0/16, Mw(MB)4.3/7, MwMwp5.0/1, Mwp5.3/1

ISC 26 19:48:18.6±0.5, 0.90N, 107.06E, 127.48E±0.06, h10km, n75, s=151/69, mb4.4/28, Halmahera

Main table for the first section with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include stations like TINTI, LAMI, SANI, KMSI, SWI, SIJU, WRA, MSAI, GTOI, AAI, LUWI, LURI, MWI, FAKI, FAKI, APSI, TOLIZ, MPFI, TTSI, BNSI, SPSI, BKSI, KAPI, MYLDM, EDFI, BATI, KPJI, LEM, WBO, WRAB, WRA, WRA, WB2, WR0, PMG, AS31, NJ2, CMAR, STKA, MJAR, LZH, SHL, HHC, GTA, ULN, SONM, WMQ, PETK, MK31.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include stations like MKAR, MKAR, PRZ, MAKZ, KSH, BOOM, AAK, ZAAO, ZALV, ZALV, KBL, GAR, BTK, KURK, CHGR, KKAR, HRA, BRVK, NRKI, NRKI, ABKAR, VNSA, VNSA.

IDC 26 19:53:14.4±2.2, 7.12S, 130.34E, h492km, 25km, mb3.1/2, mb1.3/2.6, mb1mx2.9/20, mbtmp3.7/6, Error ellipse: s-maj=22.2km s-min=21.6km az=102.0

ISC 26 19:53:13.0±0.9, 7.06S, 130.2E±0.1, h150km, n6, s=323/10, Tanibar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include stations like SIJU, BATI, BATI, FITZ, WRA, WR0, MKAR, ZALV.

GUC 26 19:55:46.6±0.8, 31.34S, 72.21W, h48km, 3km, ML3.3, IDC 26 19:55:47.9±7.6, 31.41S, 72.34W, h35km, 5.7km, mb3.9/2, mb1.4/1.4, mb1mx3.6/27, mbtmp4.1/4, ML4.2/2, Error ellipse: s-maj=84.4km s-min=38.8km az=106.0

ISC 26 19:55:46.1±1.5, 31.35S, 72.3W±0.2, h20km, 6km, n21, s=059/29, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include stations like CO06, VA06, CO05, CO04, VA03, ROCH, VA03, MTO2, PEL, MT05, MT05, MT09, MTO9, MTO9, LCO, BO04, H03N1, H03N3, H03N3, PLCA, BDFB, TORD, ZALV.

IDC 26 19:59:58.7±1.8, 3.02S, 137.58E, h49km, 20km, mb3.9/7, mb1.3/1.1, mb1mx3.8/38, mbtmp4.2/11, ML3.9/3, MS3.1/8, Ms1.3/2.1, ms1mx2.9/32, Error ellipse: s-maj=15.0km s-min=13.8km az=78.0

NEIC 26 19:59:58.9±2.1, 3.00S, 0.07E, 137.46E±0.07, h36km, 8km, mb4.5/17, Error ellipse: s-maj=10.7km s-min=9.5km az=166.0

DJA 26 19:59:59.0±0.3, 3°S, 3°13'E, h56km, 4km, M4.4/28, mb5.3/6, mb4.5/28, MLv4.3/7, Mw(MB)4.7/6

ISC 26 19:59:59.0±0.3, 3.00S, 0.06E, 137.51E±0.05, h54km, n94, s=159/93, mb4.5/24, MS3.3/3, Irian Jaya

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include stations like SMP1, SRPI, GENI, JAY.

Main table for the second section with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include stations like JAY, JAY, FAKI, FAKI, FAKI, SIJU, SIJU, SWI, MASOHI, AAI, KDU, DRD, PMG, SANI, SANI, MTN, MTN, COEN, COEN, KMSI, SOEI, SOEI, SOEI, IWI, GTOI, KNRA, KNRA, KNRA, BATI, BATI, MRSI, APSI, MTSU, WBO, WR0, WR0, WRAB, WRAB, WRA, WRA, WRA, WRA, TOLIZ, TOLIZ, TOLIZ, KAPI, KAPI, MPFI, MPFI, CTAO, CTAO, PLAI, MYLDM, MYLDM, AS31, ASAR, ASAR, ASAR, ASAR, TSWI, BSKI, WRKA, PSA00, PSA00, STKA, BTKI, PPI, NJ2, NJ2, CM31, CM31, CMAR, CMAR, CMAR, CHTO, USRK, HHC, HHC, HHC, TAPN, ODAN, RAMM, JIRN, GUN, PKI, PKI, PKI, DMN, DMN, GKN, GKN, KOLN, PYUN, TLY, WMQ, MKAR, MKAR, MKAR, KSH, KSH, VNSA, SBA, SBA.

26d 20h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, QSPA South Pole Qui, and various other Antarctic stations.

SAJ 26:20:02:13.0,30.83S;71.43W,h10km,ML4.0
GUC 26:20:02:14.0,0.7,30.80S;71.40W,h52km,3km,ML3.5
ISC 26:20:02:14.4,1.3,30.79S;71.53W,0.06,h53km,n40,
+r13/52,1C-20,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, and various other Antarctic stations.

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Table with columns: VANDA, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like VANDA Vanda, QSPA South Pole Qui, and various other Antarctic stations.

IDC 26:20:04:21.8,4.2,26.12N;142.06E,h0km,mb4.1/5,
mb1.4/2.5,mb1mx3.6/52,mbtmp4.1/5, Error ellipse:
s-maj=196.8km s-min=99.7km az=178.0, Bonin Islands
region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like SONM Sogingo Array, ZALV Zalesovo Beam, and various other Antarctic stations.

IDC 26:20:08:23.0,7.0,52.70N;34.36W,h0km,mb3.8/15,
mb1.4/1.8,mb1mx3.9/49,mbtmp3.9/18,ML3.6/3,MS3.4/13,
Ms1.3/4.13,ms1mx3.1/46, Error ellipse: s-maj=20.5km
s-min=14.8km az=6.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like NRS Narsarsuaq, SJNN Saint John's, and various other Antarctic stations.

NEIC 26:20:08:25.4,1.8,52.77N;0.1:34.4W;0.2,h10km,2km,
mb4.5/29, Error ellipse: s-maj=21.3km s-min=16.6km
az=187.0

OTT 26:20:08:28.4,0.5,53.01N;34:73W,h18km,ML4.9/3,
Atlantic Ocean. 1380km northeast from Bonavia, NI
ISC 26:20:08:24.9,0.5,52.53N;0.1:34.40W;0.06,h10km,n70,
+r14/59,mb4.3/28,MS3.3/7, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like EKA Eskdalemuir Ar, GBN Guysborough, and various other Antarctic stations.

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Table with columns: X40A, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like X40A Basin Creek Fa, KOWA Kowa, and various other Antarctic stations.

IDC 26:20:30:20.9,1.6,6.44S;131.04E,h0km,mb3.8/4,
mb1.3/7.6,mb1mx3.5/38,mbtmp3.7/6,ML3.4/2, Error
ellipse: s-maj=122.2km s-min=28.6km az=74.0

ISC 26:20:30:21.1,0.9,6.13S;0.07:132.3E;0.1,h10km,n13,
+z267/14,mb3.9/4,Tanimar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like SAUI Sauniki, DRB Dannebrog, and various other Antarctic stations.

NEIC 26:20:50:46.3,1.2,10.65S;0.1:71.2W;0.2,h60km,11km,
mb4.2/6, Error ellipse: s-maj=25.4km s-min=19.0km
az=53.0

IDC 26:20:50:47.5,3.7,10.69S;70.88W,h616km,39km,mb3.4/2,
mb1.3/2.3,mb1mx2.7/27,mbtmp4.1/3, Error ellipse:
s-maj=67.9km s-min=45.6km az=140.0

VAO 26:20:50:48.3,0.5,10.44S;70.92W,h590km,7km,mb3.8
ISC 26:20:50:46.0,0.7,10.56S;0.09:71.1W;0.1,h60km,n42,
+r16/41,mb4.2/3,Perru-Brazil border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like CZSB Cruzeiro do Sul, CZSB Cruzeiro do Sul, and various other Antarctic stations.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like IPOC Station P, ACLA CERRO LA CRUZ, G003 Copiap, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like SWET Sewanee, PLAL Pickwick Lake, WLAR White Oak Lake, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like E28A Huff, PSUT Pine Spring, GWWY Greenwater Val, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like SUR Sutherland, SUR Troy Canyon, etc.

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Table with columns: ORL, ULN, SONM, etc. and rows for various stations like Orlik, Ulanbaatar, Songino Array, etc. Includes station codes, names, coordinates, and signal strength data.

IDC 27 00:49:21.8, 0.8, 55:78N, 110:23E, h0km, mb3.9/14, mb1 4.2/22, mb1mx4.0/47, mbtmp4.1/22, ML4.0/7, MS3.0/5, Ms1 3.0/5, ms1mx2.7/49, Error ellipse: s-maj=1.74km s-min=1.15km az=121.0

MOS 27 00:49:22.3, 1.0, 55:81N, 110:14E, h10km, mb4.5/7, Error ellipse: s-maj=8.4km s-min=5.9km az=69.9

NEIC 27 00:49:24.1, 1.0, 55:82N, 110:11E, h0.2, h10km, 1km, mb4.3/21, Error ellipse: s-maj=18.1km s-min=10.9km az=123.0

BYKL 27 00:49:24.0, 0.2, 55:72N, 110:21E, h8km, 2km, ISC 27 00:49:23.0, 1.0, 55:72N, 110:03, h10:19E, 0.02, h6km region n127, az07/194, mb4.2/21, 17C-5D, Lake Baykal region

Table with columns: Code, Station Name, Az, Time, Res, etc. and rows for stations like Nizh Angarsk, Kumora, Uoyan, etc. Includes station codes, names, coordinates, and signal strength data.

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Main table with columns: SVKR, UKT, SVKR, UKT, etc. and rows for various stations like Uakit, Suvo, Bodaibo, etc. Includes station codes, names, coordinates, and signal strength data.

27d 0h

Table with columns: IVK, TLY, ARS, etc. and rows for various stations like Talaya, Arshan, Khapcheranga, etc. Includes station codes, names, coordinates, and signal strength data.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z.

MATN	comp=Z,30nm,0.8s	IAMB	IAMB	00 57 48.5			
MATN							
CPSE	Cacapan Do Su	26.72 144	eP	P	01 00 48.3 +0.4		
JANB	Janaria	27.41 105	eP	P	00 57 45.6 -1.0		
VJNB	Vainiti 123	27.42 9	P	P	00 57 48.4 +0.5		
CBE	Ff, Capester	26.94 21	eP	P	00 57 46.9 -1.8		
MAGL	Barre de l'ile	26.94 21	eP	P	00 57 47.0 -1.6		
PET01	Ihanhem-SP	27.22 126	eP	P	00 57 50.4 -0.6		
JAKH	Jacmel	27.41 357	P	P	00 57 53.2 +0.5		
MLPR	Maguyes Islan	27.42 9	P	P	00 57 52.9 +0.1		
CRPR	Cabo Rojo, PR	27.44 8	P	P	00 57 52.6 -0.3		
MC01	Montos Claros	27.49 108	eP	P	00 57 53.7 +0.1		
CNBL	Canela	27.53 139	eP	P	00 57 53.2 -0.5		
OBIP	Obispado Ponce	27.55 9	IAMB	IAMB	00 57 54.7		
ROSB	Rosrio	27.61 78	eP	P	00 57 55.1 +0.6		
CDVI	St. Croix	27.63 13	P	P	00 57 53.9 -0.7		
PRSN	Puerto Rico Se	27.64 8	IAMB	IAMB	00 57 56.1		
PLTB	comp=Z,82nm,1.0s	27.65 146	eP	P	00 57 54.0 -0.6		
PLTB	Pedras Altas	27.65 146	P	P	00 57 53.8 -0.9		
PLTB					01 00 50.7 +0.4		
LGHN	Logne	27.69 357	P	P	00 57 55.4 +0.4		
LGHN					00 57 56.3		
SJG	comp=Z,67nm,0.6s	27.70 10	P	P	00 57 54.5 -0.7		
SJG	San Juan	27.70 10	P	P	00 57 54.5 -0.7		
SJG	comp=Z,38nm,0.5s,baz=0.2,slow=7.1,SNR=33						
SJG					01 01 51.8 -3.6		
SJG	comp=Z,9.9nm,0.5s,baz=0.2,slow=22,SNR=7.4						
SJG	San Juan	27.70 10	P	P	00 57 54.5 -0.7		
SJG					00 57 56.5		
SKI	comp=Z,47nm,0.6s	27.76 17	eP	P	00 57 58.1 +2.4		
SEUS	Saint Kitts	27.76 17	eP	P	00 57 57.5 +1.1		
SAE	St. Eustatius	27.84 17	P	P	00 57 56.3 +0.6		
AGPR	Saba	27.89 16	eP	P	00 57 56.2 +0.3		
AGPR	Aguaadilla, PR	27.90 10	P	P	00 57 56.2 -0.7		
GCPR	Guaynabo City	27.90 10	P	P	00 57 57.6		
GCPR					00 57 57.6		
GCPR	comp=Z,62nm,0.7s						
BSCB	Bom Sucesso	27.94 118	eP	P	00 57 57.5 +0.1		
CUPR	Culebra, Puert	28.05 12	P	P	00 57 57.3 -1.0		
MTDJ	Mount Denham	28.08 347	P	P	00 57 59.2 +0.5		
DIAM	Diamantina, MG	28.11 111	eP	P	00 57 59.5 +0.5		
SDDR	Presa de Saban	28.12 360	IAMB	IAMB	00 58 03.4		
SDDR							
PARB	Paraiba	28.13 123	eP	P	00 57 58.9 -0.1		
STVI	Saint Thomas	28.17 13	IAMB	IAMB	00 58 01.6		
TER01	Teruboro	28.18 136	eP	P	00 57 58.9 -0.4		
TGUH	Teguigalpa,Un	28.19 325	P	P	00 57 59.7 +0.1		
TGUH					00 58 23.1		
TGUH							
SMRT	St. Maarten	28.34 16	eP	P	00 57 59.5 -1.3		
ANWB	Willy Bob	28.37 19	eP	P	00 57 59.1 -1.8		
ANWB	Willy Bob	28.37 19	P	P	00 57 59.3 -1.7		
SC01	Santiago de lo	28.57 1	P	P	00 58 02.4 -0.3		
GTBY	Guantanamo Bay	29.32 352	P	P	00 58 09.2 +0.1		
GTBY					00 58 09.9		
MAN01	Angra dos Reis	29.33 121	eP	P	00 58 09.4 +0.1		
LC01	Cunco	29.46 181	P	P	00 58 10.2 +0.1		
LC01					00 58 15.4 -0.3		
VAS01	Vassouras-RJ	29.55 119	eP	P	01 01 11.2 -0.1		
MT03	Montecristo	29.68 322	P	P	00 58 13.1 +0.5		
TRQA	Tornquist	29.79 165	eP	P	00 58 12.4 -0.6		
TRQA	Tornquist	29.79 165	P	P	00 58 12.4 -0.4		
ESQI	Esquipulas	29.80 323	P	P	00 58 13.7 +0.2		
ESQI					00 58 20.1		
NBPS	comp=Z,33nm,0.7s	29.89 83	eP	P	00 58 14.9 +0.6		
LCCY	Pedro II - P	30.11 343	P	P	00 58 15.6 +0.3		
LR03	Blossom Villag	30.21 182	P	P	00 58 16.6 +0.1		
LR03	Panguipulli				00 58 19.2		
DUB01	comp=Z,82nm,1.6s	30.41 118	eP	P	00 58 18.2 -0.4		
SJMB	Friburgo-RJ	30.42 111	eP	P	00 58 19.1 0.0		
NBPN	Sao Joao De Ma	30.52 96	eP	P	00 58 20.2 +0.7		
GRTK	Grand Turco	30.64 0	P	P	00 58 20.4 0.0		
APG	El Apazote	30.82 321	P	P	00 58 23.3 +1.4		
BSFB	comp=Z,12nm,0.4s,baz=122,slow=6.3,SNR=16						
CAM01	Barra de Sao F	30.84 111	eP	P	00 58 22.0 -0.2		
GDU01	Campos-RJ	30.95 117	eP	P	00 58 23.2 +0.1		
PLCA	Guandu, BA	31.24 101	eP	P	00 58 26.6 +0.9		
PLCA	Paso Flores	31.29 179	P	P	00 58 26.4 +0.6		
PLCA	comp=Z,11nm,0.6s,baz=343,slow=2.4,SNR=9.8						
PLCA					01 01 00.5 +0.7		
PLCA	comp=Z,3.4nm,0.8s,baz=48,slow=5.4,SNR=4.3						
PLCA	Paso Flores	31.29 179	eP	P	00 58 26.3 +0.5		
PLCA	Paso Flores	31.29 179	eP	P	00 58 27.1 0.3		
NANO1	Guarapari, ES	31.29 109	eP	P	00 58 26.6 +0.5		
GUA01	Guaratininga, BA	31.37 107	eP	P	00 58 27.2 +0.5		
RIB01	Linhares ES	31.37 112	eP	P	00 58 26.9 +0.1		
ALF01	Guarapari-ES	31.41 114	eP	P	00 58 27.2 +0.2		
CMC01	Camacan, BA	31.48 104	eP	P	00 58 28.5 +0.9		
LL04	Puerto Octay	31.48 182	P	P	00 58 28.4 -0.4		
NBMO	Morrhinhos-CE	31.48 81	eP	P	01 01 00.4 +0.2		
NBIT	Ithape - BA	31.49 103	eP	P	00 58 29.1 +1.2		
NBPS	Pedra Branca-C	31.53 85	eP	P	00 58 28.8 +0.6		
PETF	Flores	31.99 325	P	P	00 58 32.4 +0.6		
PETF					01 01 03.7		
PETF	comp=Z,54nm,0.7s						
NBMA	Muriti-CE	32.11 89	eP	P	00 58 30.2 +0.5		
CCIG	Comitan	32.83 321	P	P	00 58 33.9 +0.5		
CCIG					00 58 41.0		
NBLA	comp=Z,30nm,0.6s	32.88 96	eP	P	00 58 39.4 -0.2		
LL01	San Ignacio de	32.95 182	IAMB	IAMB	00 58 40.0		
NBLA	comp=Z,7nm,0.6s	33.02 83	eP	P	00 58 41.8 +1.1		
NBLV	Cascavel-CE	33.02 83	eP	P	00 58 49.3 +1.0		
NBPA	Livramento - P	33.93 89	eP	P	00 58 48.6 +0.2		
SOR	Parau_RN	33.93 86	eP	P	00 58 49.1 +0.7		
NBAN	Soroa	33.95 340	eP	P	00 58 52.5 +0.9		
CMIG	Anadia - AL	34.40 94	P	P	00 58 53.5 +1.1		
CMIG	Matias Romero	35.20 318	P	P	00 58 59.8 +1.1		
CMIG	comp=Z,34nm,0.5s,baz=124,slow=6.4,SNR=53						
CMIG					01 01 11.6 +0.2		
CMIG	comp=Z,15nm,0.6s,baz=124,slow=2.7,SNR=8.3						
CMIG					01 03 49.0 -0.5		
NBRF	Rio Formoso -	35.59 92	eP	P	00 59 02.2 +0.2		
NBPV	Pedro Velho	35.64 88	eP	P	00 59 03.1 +0.6		
061Z	Ochoppi	36.23 345	P	P	00 59 07.5 +0.4		
TLIG	Iitapa	38.03 315	P	P	00 59 23.1 +1.1		
DWPF	Disney Wildern	38.51 345	P	P	00 59 25.7 +0.2		
DWPF	Disney Wildern	38.51 345	P	P	00 59 25.8 +0.3		
656A	Willston	39.99 344	P	P	00 59 30.7 -0.3		
MOIG	Morelia	41.29 314	IAMB	IAMB	00 59 48.8 +0.8		
MOIG					00 59 50.5		
553A	comp=Z,35nm,0.6s	41.30 342	P	P	00 59 48.2 +0.6		
G009	Cerro Castillo	41.84 181	P	P	00 59 52.6 +1.1		
BB5R	BB Station	41.91 8	P	P	00 59 52.2 -0.1		
451A	Vernon	42.10 341	IAMB	IAMB	00 59 53.5 -0.4		
451A					00 59 56.7		
257A	Skidaway Islan	42.13 347	P	P	00 59 54.8 +0.7		
TIGA	Tifton	42.24 344	P	P	00 59 54.9 -0.1		
TIGA					00 59 55.9		
352A	Blakely	42.25 343	IAMB	IAMB	00 59 58.9		
RGSR	comp=Z,35nm,0.7s	42.86 349	P	P	01 00 00.3 +0.6		
BRAL	Roger Stewart	43.04 340	P	P	01 00 01.0 -0.1		
NHSC	New Hope	43.05 349	P	P	01 00 01.7 +0.5		
NHSC	New Hope	43.05 349	P	P	01 00 01.5 +0.3		
EFI	East Falkland	43.58 168	P	P	01 00 05.8 +0.8		
EFI					01 01 39.1		
Y60A	comp=Z,53nm,1.1s	43.60 351	P	P	01 00 05.2 -0.3		
G010	Bunta Arenas	43.71 180	P	P	01 00 08.1 +2.0		
G010					01 01 40.6		
Y58A	Scranton	43.74 350	P	P	01 00 05.8 -0.7		

GOGA	Godfrey	44.08 345	P	P	01 00 08.7 -0.4		
GOGA	Godfrey	44.08 345	IAMB	IAMB	01 00 09.1		
ZAIG	comp=Z,49nm,1.1s	44.31 316	P	P	01 00 12.2 +0.8		
X58A	Rowland	44.31 350	IAMB	IAMB	01 00 11.1		
JSC	comp=Z,67nm,0.5s	44.41 348	IAMB	IAMB	01 00 11.9		
Z51A	Jenkinsville	44.45 343	IAMB	IAMB	01 00 11.9		
HODGE	comp=Z,59nm,0.5s	44.57 347	P	P	01 00 12.6 -0.3		
HODGE	Hodges	44.57 347	IAMB	IAMB	01 00 13.6		
Y52A	Libburn	44.66 345	IAMB	IAMB	01 00 13.4		
344A	Westbrook Farm	44.66 336	IAMB	IAMB	01 00 15.0		
KVXT	comp=Z,75nm,1.0s	44.87 326	P	P	01 00 17.4 +2.1		
W57A	Kingsville	45.01 350	IAMB	IAMB	01 00 16.7		
PAUL	Gilead	45.04 348	IAMB	IAMB	01 00 16.9		
441A	Pauline	45.10 333	IAMB	IAMB	01 00 17.4 +0.4		
441A	Defidder	45.10 333	IAMB	IAMB	01 00 18.7		
V61A	comp=Z,72nm,0.7s	45.16 354	P	P	01 00 17.0 -0.3		

27d Oh

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like S39A Bolivar, M54A Oil Creek Stat, M54A Oil Creek Stat, etc.

2015 NOV

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MOQ Mont Orford, 319A Douglas, MNTO Montreal, etc.

1668

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BELC Belle Mtn. Jns, PFO Pinyon Flats, PFO Pinyon Flats, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like VCNR Virginia City, PAHR Pah Rah Range, MPK Martis Peak, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like IVI Ivgitut, B06A Marblemont, R06A Rader Ridge, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like RES Resolute Bay, MPMY Sheldon Lake, SKAG Skagway, etc.

27d 1h

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HDA, IL31, ILAR, etc.

2015 NOV

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKASO, KBZ, DZM, etc.

1670

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LZH, TAPN, ODAN, etc.

IDC 2701.12:15.2.2.1.3:24N-125.44E, h0km, mb3.64, ... Error ellipse: s-maj=150.4km s-min=25.4km az=68.0

DJA 2701.01:12.48.20.6.1:1N.6x12.4Ez., h395km, 5km, M3.8/11, ...

ISC 2701.02:15.52.0.2.3.1.9N.0.2:124.21E.0.08, h350km, n14, ...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KMSI, GTOI, MRSI, etc.

ANF 2701.12:58.0.3.36:27N:97.40W, h5km, ML2.97, Error ellipse: s-maj=3.5km s-min=2.6km az=163.0

TUL 2701.12:58.3.1.5:36:25N:0.02:97.41W:0.05, h7km, 7km, ...

NEIC 2701.02:15.58.1.5.36:24N:0.004:97.42W:0.05, h5km, 2km, ...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OK033, OK029, CROK, etc.

27d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Neumayer Olymp, Neumayer-Watz, VNA1, VNA2, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC
SWZ Schweizer 1.57 265 eP Pg 01 45 00.7 +1.3

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SWZ, BOSa, BOSb, BOSc, etc.

172

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

1673

Table with columns: WB0, WARRAMUNGA ARR, 46.61 174, P, Iamb, P, 02 34 27.3 +3.6, etc.

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

2015 NOV

Main table with columns: YLYR, ULYUNKHAN, 1.00 147, PG, Pg, 02 38 22.2 -0.4, etc.

27d 2h

Table with columns: TUP, ARS, KPC, ZAK, MOY, ORL, SONM, IENR, KNGR, ZALV, TIXI, KURK, MKAR, KURBB, etc.

IDC 27 02:53:06.0±0.6, 16:93S×172:67W, h0km, mb4.4/17, mb1 4.6/17, mb1mx4.5/26, mbtmp4.4/17, ML4.9/1, MS3.9/19, Ms1 3.9/19, ms1mx3.8/28, Error ellipse: s-maj=24.5km s-min=15.4km az=136.0

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

Table of station data for 27d 5h, including station names, coordinates, and various parameters like SNR and error rates.

Main table of station data for 2015 NOV, listing stations like ARSA Arzberg, WATA Walderalm, and others with their respective coordinates and parameters.

Table of station data for 1674, including stations like LL04 Puerto Octay, GO05 Huala, and others with their coordinates and parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LAS PENAS INFR, La Paz, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PEIX Peixe, RCLB Rio Claro-Sao, PRPB Parauapebas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MVCO Mesa Verde, ATAH Atahualpa, MPU Maple Canyon, etc.

27d 6h

Table with columns: Code, Station Name, Az, El, Op, ISC, Time, Res. Includes stations like CMAR Chiang Mai Arr, YKA Yellowknife Arr, MKAR Makanchi Array, etc.

IDC 27 06:31:37.0, 2.5, 1.07N, 126.82E, h75km, 23km, mb3.8/9, mb1.3/9/12, mb1mx3.6/55, mbtmp4.1/12, MS3.4/9, Ms1.3.4/9, ms1mx3.1/11, Error ellipse: s-maj=2.6, 0km s-min=11.2km, az=69.0

DJA 27 06:31:36.2, 0.6, 1.1N, 3.3x12.7E, h29km, 7km, M4.5/19, mb4.6/10, mb4.9/3, MLV4.4/19, Mw(MB)4.2/3, NEIC 27 06:31:36.5, 1.7, 1.20N, 0.49, 126.90E, 0.07, h51km, 9km, mb4.5/20, Error ellipse: s-maj=14.1km, s-min=9.0km, az=197.0

ISC 27 06:31:35.7, 0.5, 1.20N, 0.06, 126.87E, 0.07, h50km, n73, s=141/75, mb4.5/20, MS3.4/10, Northern Molucca

Main table of station data for the 27d 6h period, including station names, coordinates, and operational status.

2015 NOV

Table of station data for the 2015 NOV period, including stations like ZALV Zalesovo Beam, KURK Kurchatov, KKAR Karatay Array, etc.

IDC 27 06:36:27.2, 0.5, 4.0, 34N: 140.07E, h0km, mb3.6/8, mb1.3/7/8, mb1mx3.5/45, mbtmp3.6/8, Error ellipse: s-maj=15.9km, s-min=8.2km, az=64.0

JMA 27 06:36:48.3, 0.2, 4.0, 52N: 140.10E, h177km, 2km, M2.9, ISC 27 06:36:47.6, 0.8, 4.0, 50N: 0.07, 140.10E, 0.1, h82km, 8km, n17, 0942/21, mb3.3/8, Eastern Honshu

Table of station data for the 2015 NOV period, including station names, coordinates, and operational status.

NEIC 27 06:54:59.0, 2.2, 8.34S: 103.125E, 14E, 0.06, h13km, 4km, mb4.7/27, Error ellipse: s-maj=9.2km, s-min=2.3km, az=113.0

DJA 27 06:54:59.4, 0.2, 8.2S: 121.5E, h10km, M4.5/30, mb4.6/30, mb5.0/11, MLV4.6/18, Mw(MB)4.4/11, MwMwp5.2/1, Mwmp4.5/3

IDC 27 06:54:59.3, 8.3, 8.24S: 125.07E, h28km, 23km, mb4.2/19, mb1.4/3/24, mb1mx4.1/54, mbtmp4.4/24, ML3.8/4, MS3.4/11, Ms1.3.3/11, ms1mx3.1/32, Error ellipse: s-maj=18.1km s-min=12.1km, az=78.0

ISC 27 06:54:59.7, 0.3, 8.46S: 103.44E, 125.20E, 0.05, h24km, n107, s=187/107, mb4.6/32, MS3.5/7, Timor region

Main table of station data for the 2015 NOV period, including station names, coordinates, and operational status.

1676

Main table of station data for the 1676 period, including station names, coordinates, and operational status.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like USRK, H11N2, H11N1, H11N3, SONMI, H11S1, H11S3, H11S2, ZALV, MKAR, MTN, MDM, H24K, IL31, IL31, ILAR, BMAR, DOT, SCRK, BCAR, WBO, WRA, WRA, ABKAR, SCRK, BCAR, WBO, WRA, WRA, ABKAR, NVAR, PDAR, SCHG, TXAR, H03N2, H03N3, H03N1.

IDC 27 08:01:34.0:1.4, 32:91Sx176:20W, h0km, mb4.2/3, mb1.4/4, mb1mx4.0, mbtrmp4.04, ML3.71, MCS.6/1, M5.1 3/6/1, ms1mx2.7/34, Error ellipse: s-maj=35.6km s-min=29.3km az=88.0

NEIC 27 08:01:35.7:1.0, 33:05S:0:06:178:1W, L0:1, h10km, 2km, mb4.4/10, Error ellipse: s-maj=22.8km s-min=5.3km az=115.0

WEL 27 08:01:35.0:0.9, 33:5:17x17:8W, L2:0, h33km, M4.7/13, mb4.9/6, ML5.3/13, MLV5.0/13, Mw(mb)4.2/6, Error ellipse: s-maj=0.0km s-min=0.0km az=108.4

ISC 27 08:01:36.7:0.9, 32:89S:0:06:177:9W, L0:1, h34km, n47, s:180/53, mb4.4/8, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like GLKZ, RIZ, MXZ, WMGZ, PKGZ, HAZ, PUZ, RUGZ, TWGZ, CNGZ, TKGZ, MWZ, URZ, URZ, URZ, RIGZ, SNGZ, KNZ, MTHZ, BKZ, THZ, LTZ, DZM, CTAO, AS31, ASAR, WB2, WRA, WRA, WBO, KNRA, FAKI, QSPA, QSPA, SNA, SNA, SNA, VNA3.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like VNA3, VNA2, VNA1, VNA1, FINES, NOA.

JMA 27 08:05:45.7:0.1, 23:81N:121:90E, h31km, 3km, M2.7, TAP 27 08:05:46.4, 23:85N:121:88E, h37km, ML3.4, C, ISC 27 08:05:46.1:1.1, 23:82N:121:89E, L0:02, h34km, 2km,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like TEYL, HWA, HWA, TWD, ETL, ETL, ESL, NACB, NACB, EGFH, EGFH, EHP, ETLH, ETLH, HGSD, EHY, ENA, ENA, EWUT, EWUT, WHF, WHF, OWD, OWD, YULB, CHGB, EYUL, EYUL, FUSS, FUSS, NNSB, NNSB, NNS, NNS, TWT, TWT, TDCB, NDS, NDS, FULB, FULB, NDT, NDT, SSSL, SSSL, CHKT, CHKT, ENT, ENT, SMLT, SMLT, TWE, TWE, YUS, YUS, WCS, WCS, TYC, TYC, YHNB, YHNB, WHP, WHP, NSK, NSK, EDH, EDH, EDH, EDH, NWLT, NWLT, ELDTW, ELDTW.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like ELDTW, NTC, NTC, ALS, ALS, WJS, WJS, WJS, WNT, WNT, CHNS, CHNS, NSTT, NSTT, LIOB, LIOB, LONT, LONT, TWQ1, TWQ1, TIPB, TIPB, TCU, TCU, NHDH, NHDH, NHDH, TWB1, TWB1, NSY, NSY, TWA, TWA, LDUT, LDUT, YOJ, YOJ, YOJ, STYH, STYH, NMLH, NMLH, WCHH, WCHH, WDLH, WDLH, WDLH, TWGZ, TWGZ, TWG, TWG, NWF, NWF, WDJ, WDJ, TPUB, TPUB, CHN4, CHN4, CHN4, WTP, WTP, NCUH, NCUH, NCUH, NCUH, TWS1, TWS1, YMO1, YMO1, YMO1, CHY, CHY, WTK, WTK, WRL, WRL, WRL, TWK, TWK, CHN1, CHN1, CHN1, SGST, SGST, SLGT, SLGT, SNST, SNST, WTCT, WTCT, ECL, ECL, ICHU, ICHU, SSD, SSD.

Table with columns: Name, Date, Time, Status, Location, and other details. Includes entries like WERN Wertitzgruen, GUNZ Gunzen, WERD Werda, etc.

Table with columns: Name, Date, Time, Status, Location, and other details. Includes entries like ARMA Armidale, ARMA Armidale, EKA Eskdalemuir, etc.

Table with columns: Name, Date, Time, Status, Location, and other details. Includes entries like PWL Eagle Plains, DOT Dot Lake, INK Inuvik, etc.

27d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARU Arti, GTA Gaotai, SHL Shillong, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BSD Bornholm Skovb, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JWT Wachi, JYTA Yamagatatanai, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOD2 Odawara 2, JMK Ichinoseki, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LAR1 LAR, BNDS Bandar-Abbas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SGSI Sangihe, TINTI Ternate, etc.

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

1686

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRAB comp=Z,1.8nm,0.8s, WRA Warramunga Arr, etc.

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

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

27d 11h

2015 NOV

1690

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ANMO, Albuquerque, CBN, P52A, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like RSSD, PSUT, PASC, SAML, etc.

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

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

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

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

SOME 27 11:54:31.4, 38:29'2N, 72:72'E, h20km
ISC 27 11:54:37.4, 6, 38:22'N, 0:3, 72:4E, 0.1, h35km, n5, c05/57/8,
2C-12D, Tajikistan
Code Station Name A° AZ° Phase ID Time Res
ISC h m s ISC

27d 12h

4°18'83, mb4.5/4.1, MS4.8/3, 1D, Myanmar

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like BRDH Bariahdaha, SHL Shillong, CHIANG Mai, etc.

2015 NOV

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like PMG Port Moresby, BURAR Bucovina Array, LOKD Lodwar, etc.

DJA 27 12:04:59.0±0.5, 2°S, 4°12'3E, h269km, 7km, M3.6/13, MLV3.6/13, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like LUWI Luvuk, APSI Ampana, GTOI Gorontalo, etc.

LJU 27 12:14:59.3, 46°16N, 14°35E, h10km, ML0.7, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like CRNS Crni Vrh, MOZS Mozanca, LJU Ljubljana, etc.

VIE 27 12:15:33.8±0.5, 47°61N, 14°35E, h0km, ml1.3/2, Error ellipse: s-maj=5.1km s-min=1.6km az=10.0, 7 km S of Spital am Pyhrn Suspected Mining explosion., Austria

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like MOA Molin, CONA Cedar Observa, CONA Constanța, etc.

IDC 27 12:29:37.2±3.5, 50°30'N, 27°62'E, h0km, mb1 3.7/3, mb1mx3.2/4.0, mbtmp3.7/3, ML2.7/3, Error ellipse: s-maj=40.0km s-min=12.3km az=11.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like AKASG Malin Array Be, FINES FINESS Array B, HFS Hagfors, etc.

TUL 27 12:32:17.4±0.9, 36°52'N, 02°09'28"E, h0km, 0.04, h7km, 2km, ML2.5, mb, Lg2.44(NEIC), Error ellipse: s-maj=4.6km s-min=3.1km az=89.0

NEIC 27 12:32:17.6±0.7, 36°53'N, 02°09'28"E, h0km, 0.04, h10km, 7km, Error ellipse: s-maj=5.3km s-min=2.3km az=77.0, Oklahoma

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like U32A Winter Ranch, CROK Carrier, KAN14 Manchester OK, etc.

IDC 27 12:36:39.8±1.1, 35°37'S, 179°58'W, h0km, mb4.3/5, mb1 4.5/6, mb1mx4.2/2.8, mbtmp4.4/6, ML4.2/1, Error ellipse: s-maj=33.2km s-min=30.1km az=158.0

1692

NEIC 27 12:36:41.8±2.0, 35°63'S, 0°09'179°44'W, 0.1, h10km, 1km, mb4.4/9, Error ellipse: s-maj=20.6km s-min=14.0km az=103.0

WEL 27 12:36:42.8±1.2, 36°51'N, 11°17'9W, 1.6, h33km, M4.3/13, ML4.5/13, MLV4.3/13, Error ellipse: s-maj=0.0km s-min=0.0km az=123.0

ISC 27 12:36:45.4±0.9, 35°59'S, 0°07'179°55'W, 0.1, h41km, n42, 4°19'49N, mb4.6/7, East of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like MXZ Matakaoa Point, UREWA Urewera, WRA Warramunga Arr, etc.

NMR		eS	Sn	12 52 44.0	-3.8
GLVR	Golovnino	4.21 32	eP	12 52 05.2	+0.2
GLVR			eS	12 52 50.4	-2.5
GLVR	comp=Z,184nm,0.3s		pmax		
GLVR	comp=N,470nm,0.3s		smax		
GLVR			smax		
JYT	comp=E,1µm,0.3s				
RUSJ	Yasato	4.35 205	Pn	12 52 06.7	-0.3
RUSJ	Misakicho	4.42 27	eP	12 52 08.8	+0.9
GRPR	Tuman	4.52 32	eS	12 52 56.7	-1.4
GRPR			eS	12 52 08.7	-0.7
GRPR	comp=Z,207nm,0.3s		pmax		
GRPR	comp=E,819nm,0.4s		smax		
GRPR			smax		
YUK	comp=N,951nm,0.3s		smax		
YUK	Yuzh-Kuril'sk	4.59 32	eP	12 52 10.7	+0.4
YUK			eS	12 52 58.8	-3.6
YUK	comp=N,70nm,0.3s		pmax		
YUK	comp=Z,201nm,0.3s		pmax		
YUK	comp=E,155nm,0.2s		smax		
YUK	comp=E,686nm,0.6s		smax		
YUK	comp=N,635nm,0.4s		smax		
MAJO	Matsushiro	4.95 224	eP	12 52 17.9	+2.7
MAJO			pmax		
MAJO	comp=Z,81nm,0.8s		pmax		
MAJO	Matsushiro	4.95 224	Pn	12 52 17.1	+1.8
MJAR	Matsushiro Arr	4.95 224	Pn	12 52 17.1	+1.9
MJAR	comp=Z,1.5nm,0.3s,baz=19,slow=12,SNR=76		LR		
MJAR	comp=Z,378nm,18.9s,baz=20,slow=41		LR	12 54 26.0	
MJAR	Matsushiro Arr	4.95 224	Pn	12 52 16.9	+1.7
MAT	Matsushiro	4.95 224	Pn	12 52 17.5	+2.3
MAT			eS	12 52 15.1	+3.9
JGF	Kuroka	6.11 223	P	12 52 33.2	+2.0
KUR	Kuril'sk	6.42 37	eP	12 52 35.3	0.0
KUR			eS	12 52 43.5	-3.8
KUR	comp=Z,111nm,0.7s		pmax		
KUR	comp=E,295nm,0.6s		smax		
KUR			smax		
INU	comp=N,117nm,0.3s		pmax		
YSS	Inuyama	6.48 223	Pn	12 52 38.5	+2.2
YSS	Yuzh-Sakhalins	6.75 2	eP	12 52 40.9	+1.0
YSS			pmax		
YSS	comp=Z,50nm,1.0s		pmax		
YSS	Yuzh-Sakhalins	6.75 2	Pn	12 52 41.4	+1.4
JHJ2	Mitsune	7.39 197	Pn	12 52 51.2	+2.5
JHJ	Hachijo jima 2	7.39 198	P	12 52 48.2	-0.5
JWT	comp=Z,15nm,0.3s,baz=80,slow=19,SNR=1.2		Pn	12 52 51.9	+2.5
USRK	Ussuriysk Ar.	8.73 301	P	12 53 09.6	+2.5
USRK	baz=104,slow=16,SNR=16		LR	12 56 26.9	
USRK	comp=Z,499nm,19.9s,baz=14,slow=37		LR	12 56 26.9	
USRK	Ussuriysk Ar.	8.73 301	Pn	12 53 08.3	+1.2
JMS	Saijo	9.04 238	Pn	12 53 11.2	-0.3
JHN	Monobe	9.42 229	Pn	12 53 15.9	-0.7
MDJ	Mudanjiang	10.48 299	Pn	12 53 30.3	-0.7
MDJ			pmax		
KSR5	comp=Z,23nm,2.3s		pmax		
KSR5	Korea Array	11.66 261	P	12 53 52.5	+5.3
KSR5	comp=Z,0.5nm,0.3s,baz=69,slow=14,SNR=4.6		P	12 53 48.7	-0.3
KLR	Kul'dur	11.80 323	P	12 53 50.4	+1.4
KLR	comp=Z,0.1nm,0.3s,baz=145,slow=16,SNR=2.9		Pn	12 53 50.4	+1.4
KLR			pmax		
PEAOB	Petropavlovsk-	16.57 34	P	12 54 56.0	+1.3
PEAOB			pmax		
PEAOB	comp=Z,60nm,1.5s		IAMB		
PEAOB	Petropavlovsk-	16.57 34	IAMB	12 54 56.0	+1.3
PEAOB			IAMB	12 55 22.0	
ZEA	Zeya	17.00 328	eP	12 54 56.4	-1.7
ZEA	comp=N,10.0nm,0.7s		pmax		
ZEA	comp=E,10.0nm,0.8s		pmax		
ZEA	comp=Z,10.0nm,0.8s		pmax		
MA2	Magadan	20.09 12	P	12 55 34.1	+0.8
MA2	comp=Z,74nm,1.5s		pmax		
MA2	Magadan	20.09 12	P	12 55 34.1	+0.8
MA2			IAMB	12 55 38.8	
NJ2	Nanjing	20.68 254	eP	12 55 40.8	+0.9
NJ2			pmax		
YAK	comp=Z,23nm,0.7s		pmax		
YAK	Yakutsk	23.20 345	P	12 56 04.2	-2.2
YAK	comp=Z,12nm,0.5s,baz=143,slow=3.5,SNR=13		P	12 56 03.4	-3.0
YAK	Yakutsk	23.20 345	eP	12 56 14.0	-2.4
YAK			eP	12 56 33.0	
YAK			eS	12 59 49.9	
YAK			S	13 00 10.9	-4.2
YAK			eSS	13 00 35.2	+0.7
YAK			eSS	13 01 19.8	+2.9
YAK			e	13 07 08.6	
YAK	comp=Z,35nm,0.9s		pmax		
YAK	comp=N,11nm,1.2s		pmax		
YAK	comp=E,5.0nm,1.1s		pmax		
YAK	comp=Z,238nm,4.9s		pmax		
YAK	comp=E,516nm,6.0s		pmax		
YAK	comp=N,250nm,6.0s		smax		
YAK	comp=E,468nm,6.8s		smax		
YAK			smax		
HHC	comp=N,230nm,4.9s		smax		
HHC	Hu-ho-hao-te	23.43 282	eP	12 56 09.0	0.0
HHC			pmax		
HHC	comp=N,8.0nm,0.7s		pmax		
HHC			pmax		
SEY	Seymchan	23.53 11	P	12 56 09.8	+0.1
SEY	comp=N,4.9nm,0.6s,baz=187,slow=9.5,SNR=12		P	12 56 17.8	-0.3
SSLB	Suanglung	24.40 234	P	12 56 39.4	
SSLB			IAMB		
YULB	Yu-li	24.48 233	P	12 56 18.8	0.0
YULB	comp=Z,23nm,1.1s		IAMB	12 56 21.2	
BTO	Baotou	24.63 282	eP	12 56 19.5	-0.6
TPUB	Ta-pu	24.96 234	P	12 56 23.7	+0.6
BOD	Bodaibo	25.38 323	eP	12 56 26.1	-0.5
BOD			pmax		
ULN	comp=Z,17nm,0.8s		pmax		
ULN	Ulanbaatar	26.40 299	eP	12 56 35.3	-0.8
ULN			pmax		
ULN	comp=Z,3.0nm,0.6s		pmax		
ULN	Ulanbaatar	26.40 299	P	12 56 35.1	-1.1
SONM	Songino Array	26.84 299	P	12 56 40.0	-0.1
SONM	comp=Z,2.8nm,0.5s,baz=102,slow=9.7,SNR=18		P	12 56 40.0	-0.1
SONM	Songino Array	26.84 299	P	12 56 40.3	+0.2
SONM			pmax		
SONM	comp=Z,6.0nm,1.2s		pmax		
SONM	Songino Array	26.84 299	P	12 56 40.3	+0.2
ZAK	Zakamensk	29.07 304	eP	12 56 59.3	-0.6
ZAK			pmax		
H11N2	WAKE ISLAND Hy 29.26 127	T	T	13 02 74.8	
H11N1	WAKE ISLAND Hy 29.25 127	T	T	13 02 56.4	
H11N3	WAKE ISLAND Hy 29.26 127	T	T	13 02 53.9	
H11S1	WAKE ISLAND Hy 30.06 129	T	T	13 02 55.3	

H11S3	WAKE ISLAND Hy 30.06 129	T	T	13 02 58.3	
H11S2	WAKE ISLAND Hy 30.07 129	T	T	13 02 56.5	
BILL	Bilibino	30.76 17	eP	12 57 16.1	+1.5
BILL			ePP	12 57 29.6	-0.4
BILL			eSP	12 57 39.4	+1.4
BILL			e	12 58 10.5	
BILL				13 00 16.0	
BILL	comp=Z,15nm,2.0s		SS	13 03 59.0	-2.8
BILL			MLR		
BILL	comp=Z,49nm,16.0s		MLR		
BILL	Bilibino	30.76 17	P	12 57 16.0	+1.4
BILL	Tiksi	32.26 352	P	12 57 26.8	-0.8
BILL	comp=Z,1.1nm,0.3s,baz=105,slow=12,SNR=1.1		P	12 57 28.0	+0.3
BILL	Tiksi	32.26 352	eP	12 57 28.0	+0.3
BILL			pmax		
GTA	comp=Z,10.0nm,2.3s		pmax		
GTA	Gaotai	32.53 283	eP	12 57 31.0	+0.3
GTA			pmax		
KMI	comp=Z,5.0nm,1.1s		pmax		
KMI	Kunming	36.33 258	↑P	12 58 05.0	+1.2
KMI			pP	12 58 17.5	-2.1
KMI			sP		
KMI			pmax		
DGZ	comp=Z,18nm,0.9s		pmax		
DGZ	Jazzator, Alta	39.28 303	iP	12 58 29.1	+0.8
DGZ			pmax		
WMQ	comp=Z,33nm,0.7s		pmax		
WMQ	Urumqi	40.22 294	eP	12 58 36.0	-0.1
WMQ			pmax		
ZAAO	comp=Z,19nm,0.7s		pmax		
ZAAO	Zalesovo Array	40.45 310	P	12 58 37.9	+0.2
ZAAO			IAMB	12 58 38.4	
ZALV	comp=Z,5.5nm,0.5s,baz=92,slow=7.9,SNR=28		P	12 58 37.9	+0.1
ZALV	Zalesovo Beam	40.45 310	P	12 58 40.0	+0.1
ZALV			PcP		
ZALV	comp=Z,1.3nm,0.4s,baz=89,slow=3.6,SNR=3.8		P	13 00 40.0	+0.1
ZALV	Zalesovo Beam	40.45 310	P	12 58 38.0	+0.3
ZALV	Zalesovo Beam	40.45 310	P	12 58 38.0	+0.3
CNBA	Chernabura Isl	40.58 49	P	12 58 42.9	+4.2
NRIK	Noril'sk	40.76 334	P	12 58 40.7	+0.6
NRIK	comp=Z,2.2nm,0.3s,baz=38,slow=1.7,SNR=5.0		LR	13 16 47.1	
CHTO	comp=Z,161nm,18.2s,baz=166,slow=38		P	12 58 57.6	-0.8
CHTO	Chiang Mai	42.92 253	P	12 58 57.6	-0.8
CHTO			pmax		
CHTO	comp=Z,4.0nm,0.8s		pmax		
CHTO	Chiang Mai	42.92 253	P	12 58 57.6	-0.8
CMAR	comp=Z,0.9nm,0.3s,baz=49,slow=6.8,SNR=7.2		P	12 58 59.5	-0.7
CMAR	Chiang Mai Arr	43.15 253	P	12 59 00.6	+0.4
CMAR			pmax		
CMAR	comp=Z,1.0nm,0.4s		pmax		
CMAR	Chiang Mai Arr	43.15 253	P	12 58 59.9	-0.3
MK31	Makanchi Array	43.20 299	P	12 59 00.4	+0.1
MK31			pmax		
MK31	comp=Z,4.0nm,0.7s		pmax		
MK31	Makanchi Array	43.20 299	P	12 59 00.4	+0.1
MKAR	comp=Z,4.4nm,0.6s,baz=84,slow=10,SNR=36		P	12 59 00.4	+0.1
MKAR	Makanchi Array	43.20 299	P	12 59 00.0	0.0
MKAR	Makanchi Array	43.20 299	P	12 59 01.2	+1.0
A21K	Barrow	43.23 24	P	12 59 07.3	
A21K	comp=Z,11nm,1.1s		IAMB		
J20K	Novita River	43.27 35	P	12 59 02.1	+1.6
K20K	Telida	43.27 36	P	12 59 02.5	+1.8
K20K			IAMB	12 59 03.5	
MAKZ	comp=Z,12nm,1.1s		pmax		
MAKZ	Makanchi	43.40 300	P	12 59 01.9	-0.1
MAKZ			pmax		
MAKZ	comp=Z,7.0nm,0.8s		pmax		
MAKZ	Makanchi	43.40 300	P	12 59 01.9	-0.1
MAKZ			IAMB	12 59 05.8	
IMAR	comp=Z,6.7nm,0.8s		pmax		
IMAR	Indian Mountain	43.53 32	P	12 59 04.4	+1.7
KURK	Kurchatov	44.68 306	P	12 59 12.5	+0.4
KURK	Kurchatov	44.68 306	P	12 59 11.8	-0.2
KURB	Kurchatov Arr	44.76 306	P	12 59 12.5	-0.2
TOLK	comp=Z,16nm,0.6s,baz=82,slow=6.6,SNR=81		P	12 59 14.4	+1.6
TOLK	Took Lake Res	45.30 29	P	12 59 23.2	+1.4
SML	Sawmill	45.98 38	P	12 59 36.0	0.0
SML			IAMB	12 59 36.0	0.0
PDGK	comp=Z,19nm,1.2s		pmax		
PDGK	Podgornoye	46.08 296	P	12 59 23.5	0.0
POKR	Poker Plat Res	46.15 33	P	12 59 25.4	+1.9
POKR			IAMB	12 59 39.1	
HDA	Harding Lake	46.40 34	P	12 59 25.8	+0.3
IL31	Kakar	46.40 34	P	12 59 25.3	+0.8
ILAR	Eielson Array	46.40 34	P	12 59 26.4	+0.8
ILAR	comp=Z,1.3nm,0.7s,baz=266,slow=5.8,SNR=18		P	12 59 26.0	+0.5
ILAR	Eielson Array	46.40 34	P	12 59 29.2	+1.3
TAPN	Taplejung	46.60 272	eP	12 59 29.2	+1.3
ODAN	comp=Z,8.7nm,0.4s		pmax		
ODAN	Odara	47.09 271	eP	12 59 32.2	+0.5
KLU	Klutina	47.16 38	P	12 59 32.9	+1.3
BMAR	Burnt Mountain	47.18 30	P	12 59 33.5	+1.9
JIRN	Jiri	47.61 273	eP	12 59 36.4	+0.5
RAMN	comp=Z,15nm,0.6s		pmax		
RAMN	Rainey	47.65 272	eP	12 59 36.3	+0.2
SCRK	comp=Z,8.7nm,0.3s		pmax		
SCRK	Sand Creek	47.73 35	P	12 59 36.8	+0.

27d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NC204 NORSTAR Array S, NB201 NORSTAR Array S, NB2 NORSTAR Subarra, etc.

NEIC 27 13:16:44.9,0.9,19.9S:0.2:175.4W:0.1, h247km, 11km, mb4.3/20 Error ellipse: s-maj=24.1km s-min=15.6km az=200.0

IDC 27 13:16:47.0,2.9,20.07S:175.80W:h250km,25km, mb3.4/5, s-maj=3.9, mb1mx3.5/4, mbtmp4.2/7 Error ellipse: s-maj=25.1km s-min=20.2km az=113.0

ISC 27 13:16:47.0,1.0,20.17S:0.07:175.8W:0.1, h250km, n72, az=133/79, mb4.3/15, Tonga Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, TOO Toolangi, COEN Coen, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, ILAR Eielson Array, VNA3 Neumayer Olymp, etc.

IDC 27 13:29:52.0,6.8,7.29S:120.37E,h568km,119km, mb2.4/2, mb1 2.6/4, mb1mx2.2/3.4, mbtmp3.4/4, Error ellipse: s-maj=224.6km s-min=32.8km az=48.0, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, etc.

IDC 27 13:46:00.4,2.1,0.64N:125.39E,h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/24, mbtmp3.4/3, Error ellipse: s-maj=191.2km s-min=27.8km az=64.0, Northern Molucca Sea

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

REN 27 13:52:29.4,2.4,37.42N:0.03:117.10W:0.03, h14km, 2km, ML2.5/11, ML2.4/54(NEIC), Error ellipse: s-maj=4.9km s-min=3.2km az=219.0

NEIC 27 13:52:29.1,1.7,37.42N:0.03:117.07W:0.03, h9km, 9km, Error ellipse: s-maj=5.0km s-min=3.8km az=193.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCH Last Change Ra, TPH Tonopah, DSP Deep Springs, etc.

IDC 27 14:26:55.0:13.0,36.18N:70.16E,h177km,73km, mb3.3/3, mb1 3.1/6, mb1mx2.9/42, mbtmp3.7/6, Error ellipse: s-maj=200.6km s-min=94.8km az=80.0

NVC 27 14:27:03.7,4.9,37.04N:170.59E,h0km, mb4.2, mpv3.8, Error ellipse: s-maj=57.8km s-min=53.7km az=127.0

ISC 27 14:27:00.2,1.8,36.66N:0.1:170.5E:0.2, h204km, n15, az=156/19, 4C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, UCH Uchtor, KK09 Karatay Array, etc.

IDC 27 14:18:56.9,2.1,19.73S:177.14W,h0km, mb3.8/4, mb1 4.0/4, mb1mx3.8/33, mbtmp3.8/4, Error ellipse: s-maj=176.8km s-min=34.0km az=158.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, ASKA Alice Springs, WRA Warrungarra Arr, etc.

IDC 27 14:22:28.6,2.7,30.68S:71.82W,h0km, mb3.8/1, mb1 3.7/3, mb1mx3.6/22, mbtmp3.6/3, ML3.5/2, Error ellipse: s-maj=127.7km s-min=39.8km az=94.0

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO06 Fray Jorge, CO05 La Serena, GO04 Tololo Observa, etc.

IDC 27 14:32:32.5,2.2,44.04N:0.09:44.99E,h16km, MPVA3.5, n14, az=64/26, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRTR Priterechnaya, TRKR Terskaya, BTKR Batakoyurt, etc.

IDC 27 14:26:55.0:13.0,36.18N:70.16E,h177km,73km, mb3.3/3, mb1 3.1/6, mb1mx2.9/42, mbtmp3.7/6, Error ellipse: s-maj=200.6km s-min=94.8km az=80.0

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

IDC 27 14:26:55.0:13.0,36.18N:70.16E,h177km,73km, mb3.3/3, mb1 3.1/6, mb1mx2.9/42, mbtmp3.7/6, Error ellipse: s-maj=200.6km s-min=94.8km az=80.0

NVC 27 14:27:03.7,4.9,37.04N:170.59E,h0km, mb4.2, mpv3.8, Error ellipse: s-maj=57.8km s-min=53.7km az=127.0

ISC 27 14:27:00.2,1.8,36.66N:0.1:170.5E:0.2, h204km, n15, az=156/19, 4C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, UCH Uchtor, KK09 Karatay Array, etc.

IDC 27 14:18:56.9,2.1,19.73S:177.14W,h0km, mb3.8/4, mb1 4.0/4, mb1mx3.8/33, mbtmp3.8/4, Error ellipse: s-maj=176.8km s-min=34.0km az=158.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, ASKA Alice Springs, WRA Warrungarra Arr, etc.

IDC 27 14:22:28.6,2.7,30.68S:71.82W,h0km, mb3.8/1, mb1 3.7/3, mb1mx3.6/22, mbtmp3.6/3, ML3.5/2, Error ellipse: s-maj=127.7km s-min=39.8km az=94.0

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

IDC 27 14:26:55.0:13.0,36.18N:70.16E,h177km,73km, mb3.3/3, mb1 3.1/6, mb1mx2.9/42, mbtmp3.7/6, Error ellipse: s-maj=200.6km s-min=94.8km az=80.0

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

IDC 27 14:26:55.0:13.0,36.18N:70.16E,h177km,73km, mb3.3/3, mb1 3.1/6, mb1mx2.9/42, mbtmp3.7/6, Error ellipse: s-maj=200.6km s-min=94.8km az=80.0

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

IDC 27 14:26:55.0:13.0,36.18N:70.16E,h177km,73km, mb3.3/3, mb1 3.1/6, mb1mx2.9/42, mbtmp3.7/6, Error ellipse: s-maj=200.6km s-min=94.8km az=80.0

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

IDC 27 14:26:55.0:13.0,36.18N:70.16E,h177km,73km, mb3.3/3, mb1 3.1/6, mb1mx2.9/42, mbtmp3.7/6, Error ellipse: s-maj=200.6km s-min=94.8km az=80.0

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for Oklahoma, CROK, KAN10, GCO2, U32A, etc.

GUC 27 14:47:48.7±0.6, 30.82S; 72.76W, h25km, ML3.4, IDC 27 14:47:49.5±1.6, 30.91S; 72.57W, h0km, mb3.4/1, mb1 3.9/3, mb1mx3.7/18, mbmtpp3.6/3, ML3.8/2, Error ellipse: s-maj=99.3km s-min=35.9km az=82.0

ISC 27 14:47:52.4±3.1, 30.88S; 0.04; 72.6W±0.1, h24km±23km, n24, c144/35, 1C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for W39A, BLOK, BKOK, etc.

IDC 27 15:14:54.5±2.1, 6.85S; 129.45E, h0km, mb3.9/1, mb1 3.7/3, mb1mx3.4/22, mbmtpp3.5/3, ML3.5/2, Error ellipse: s-maj=144.8km s-min=30.7km az=68.0

ISC 27 15:15:07.3±1.3, 7.00S; 0.09; 129.8E±0.2, h104km, n10, c257/9, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for SAU, DRN, MTN, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for ASAR, WRKA, MKAR, etc.

IDC 27 15:43:09.0±4.0, 0.37; 17N; 71.81E, h133km, 32km, mb3.4/7, mb1 3.3/12, mb1mx3.2/66, mbmtpp3.8/12, MS2.2/1, Ms1 2.2/1, ms1mx2.1/34, Error ellipse: s-maj=40.0km s-min=18.4km az=122.0

NCC 27 15:43:15.5±7.2, 37.66N; 71.75E, h141km, 124km, mb3.1, mp3.0, Error ellipse: s-maj=67.0km s-min=42.5km az=6.0

ISC 27 15:43:09.5±0.7, 37.24N; 0.07; 71.82E±0.06, h142km, n36, c156/41, mb3.4/7, 3C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for AML, UCH, EKSZ, AAK, etc.

BUI 27 15:46:41.2±0.0, 2.88N; 96.57E, h50km, mB5.0/22, NEIC 27 15:46:42.8±1.8, 2.85N; 0.06; 96.54E±0.08, h45km, 6km, mb5.0/68, Error ellipse: s-maj=11.4km s-min=8.0km az=69.0

KLM 27 15:46:42.2±84N; 96.41E, h38km, mb5.0, DJA 27 15:46:43.0±0.4, 3.1N; 2.9E±1.1, h35km, 3km, M4.7/43, mb5.0/43, mb5.2/13, MLV4.9/18, Mw(mB)4.6/13

MOS 27 15:46:44.3±0.8, 2.97N; 96.67E, h27km, mb5.2/33, Error ellipse: s-maj=9.4km s-min=5.3km az=112.1

IDC 27 15:46:47.7±1.6, 3.02N; 96.74E, h83km, 14km, mb4.5/37, mb1 4.5/40, mb1mx4.3/60, mbmtpp4.8/40, MS3.7/25, Ms1 3.7/25, ms1mx3.5/47, Error ellipse: s-maj=13.1km s-min=8.5km az=53.0

ISC 27 15:46:41.8±0.3, 2.90N; 0.04; 96.16E±0.04, h33km, n339, c1547/344, mb5.0/117, MS3.8/28, 8C-7D, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for SINS, TPTI, MLSI, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for MASI, KSI, MNAI, etc.

27d 15h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like FAKI, MEEK, GTA, KNRA, MORW, etc.

2015 NOV

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ZAK, QIS, OOD, MLY, TLY, COEN, etc.

1696

Table with columns for call sign, frequency, power, and other technical details. Includes stations like YAK, YAK, YAK, YAK, YAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DEL Delary, FAUS Fauske, BJUU Bjuv, etc.

NIED 27 15:50:24.8, 41.919N:142.332E, h69km, MW3.9, Moment Tensor Solution...

JMA 27 15:50:24.7, 41.919N:142.332E, h69km, M3.5, Broadband fault plane solution: P waves...

JMA Felt J1, NEIC 27 15:50:25.6, 41.842N:142.322E, h68km, 9km, mb4.3/6, Error ellipse: s-maj=8.8km s-min=5.6km

IDC 27 15:50:27.2, 42.011N:142.36E, h77km, 13km, mb3.6/15, mb1.3/2.0, mb1mx3.5/5.8, mbtmp3.9/2.0, MS2.7/2, Ms1.2/2.2, ms1mx2.4/2.8, Error ellipse: s-maj=18.5km s-min=11.1km az=118.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JNEK Hidakawa-nobuka, JSHD Hidakashinhida, ERM Erimo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Arr, ELAR Eielson Array, BLAR Borovoye Array, etc.

IDC 27 16:28:20.9, 1.7, 17.56S:179.88E, h617km, 15km, mb3.2/5, mb1.3/4.6, mb1mx2.9/4.9, mbtmp4.2/6, Error ellipse: s-maj=33.0km s-min=25.5km az=176.0

ISC 27 16:28:19.7, 1.7, 17.55S:179.88E:0.2, h600km, n9, s129g, mb3.7/5, Fijil Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, DZM Mont Dumac, STKA Stephens Creek, etc.

IDC 27 16:35:48.8, 1.0, 6.32S:104.23E, h0km, mb4.1/2.1, mb1.4/1.2, mb1mx3.9/5.5, mbtmp4.1/2.2, ML5.2/1, MS3.1/6, Ms1.3/1.6, ms1mx2.8/3.5, Error ellipse: s-maj=32.8km s-min=13.7km az=88.0

NEIC 27 16:35:50.3, 1.5, 6.77S:109.103, 9E:0.1, h29km, 4km, mb4.4/1.6, Error ellipse: s-maj=18.7km s-min=8.6km az=54.0

DJA 27 16:35:56.3, 0.7, 7.7S:10.40E, h53km, 8km, M4.3/13, mb4.3/5, mb4.9/1, MLv4.2/13, Mw(MB)4.2/1

ISC 27 16:35:49.8, 0.5, 6.32S:103.61E, h24km, n94, ISC 27 16:35:47, mb4.3/5, MS3.1, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KASI Kota Agung, LWLI Liwa, BLSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NJ2, STKA Stephens Creek, STKA Gaotai, etc.

IDC 27 16:37:10.2, 1.7, 1.89S:127.32E, h0km, mb3.0/2, mb1.3/2.4, mb1mx3.0/4.9, mbtmp3.4/5.1, ML3.0/2, Error ellipse: s-maj=43.0km s-min=29.0km az=70.0

Halmaheira

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARU Arti, PETK Petrovlovsk, VANDA Vanda, etc.

KRSC 27 16:43:40.1, 1.5576N:165.89E, h33km, 13km, ML3.5, Komandoro Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BKI Bering, BKT Krotobogovo, BKB Mys Kozlova, etc.

IDC 27 16:44:36.5, 1.9, 9.28S:126.40E, h0km, mb3.5/1, mb1.3/6.5, mb1mx3.2/4.0, mbtmp3.4/5.1, MS3.0/1, Ms1.3/0.1, ms1mx2.4/2.1, Error ellipse: s-maj=34.9km s-min=27.7km az=61.0

ISC 27 16:44:40.6, 1.5, 9.3S:0.1, 126.48E:0.10, h35km, n6, s184g, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

KRSC 27 16:51:45.4, 1.9, 5.5S:165.87E, h38km, 17km, ML4.3, IDC 27 16:51:50.2, 1.1, 5.63N:165.08E, h0km, mb3.7/6, mb1.3/9.7, mb1mx3.5/4.4, mbtmp3.6/7.7, ML2.7/1, MS2.9/6, Ms1.2/9.6, ms1mx2.7/4.0, Error ellipse: s-maj=34.1km s-min=22.1km az=164.0

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

27d 17h: 148, 130/56, mb3.7/6, MS3.2/3, Komandorsky Islands region

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

27d 17h: 16:52:46.4, 3.55:66N, 165:45E, h0km, mb3.3/4, mb1.3/8/2, mb1mx3.6/25, mbtm3.5/2, Error ellipse: s-maj=280.6km s-min=62.3km az=159.0, South of Kermadec Islands

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

27d 17:03:09.4, 3.1, 16:51S, 66:69E, h0km, mb3.7/6, mb1.3/9/6, mb1mx3.5/34, mbtm3.7/6, MS3.1/1, Ms1 3.0/1, ms1mx2.6/43, Error ellipse: s-maj=106.0km s-min=26.7km az=51.0

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

NIED 27 17:16:42.2, 3.1, 08N, 128:65E, h4km, MW3.4, Moment tensor: Scale 10^14Nm, Min=0.19, Mns0.96, Mkt0.77, Mns0.38, Mns0.96, Mns0.37, Fault plane solution: M1.39000x10^14 NP1.21.00000, 3.86.00000, lambda.160.00000, NP2.112.00000, delta.1.00000, 4.4.00000

JMA 27 17:16:42.1, 0.3, 31.08N, 128:65E, h4km, 3km, M3.5, Northwest of Ryukyu Islands

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

MAN 27 17:35:56.0, 12:94N, 124:77E, h1km, mb5.1, ML4.1, MS4.2, DC 27 17:35:55.7, 0.9, 12:93N, 124:98E, h0km, mb3.9/9, mb1.4/1/10, mb1mx3.8/38, mbtm3.9/10, MS3.3/4, Ms1.3/4/3, ms1mx2.8/43, Error ellipse: s-maj=45.6km s-min=15.6km az=62.0

NEIC 27 17:36:06.5, 2.2, 12:82N, 124:6E, 0.2, h87km, 8km, mb4.1/9, Error ellipse: s-maj=39.1km s-min=12.8km az=55.0

ISC 27 17:36:01.3, 0.9, 12:39N, 125:0E, 0.2, h41km, n30, mb5.0/20, mb3.9/11, MS3.5/5, Samar

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

27d 17:55:46.4, 1.3, 55:51N, 165:69E, h0km, mb3.3/6, mb1.3/5/7, mb1mx3.3/57, mbtm3.3/7, ML2.5/1, MS3.1/4, Ms1.3/1/4, ms1mx2.7/33, Error ellipse: s-maj=37.6km s-min=21.9km az=162.0

KRSC 27 17:55:46.7, 1.1, 55:52N, 165:67E, h31km, 13km, ML4.3, MOS 27 17:55:49.7, 0.9, 55:56N, 165:70E, h34km, mb4.5/4, Error ellipse: s-maj=12.6km s-min=6.8km az=45.8

ISC 27 17:55:48.6, 0.7, 55:59N, 165:68E, 0.07, h10km, n67, mb4.1/17, mb3.6/10, 4C-3D, Komandorsky Islands region

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

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

27d 17:55:46.4, 1.3, 55:51N, 165:69E, h0km, mb3.3/6, mb1.3/5/7, mb1mx3.3/57, mbtm3.3/7, ML2.5/1, MS3.1/4, Ms1.3/1/4, ms1mx2.7/33, Error ellipse: s-maj=37.6km s-min=21.9km az=162.0

KRSC 27 17:55:46.7, 1.1, 55:52N, 165:67E, h31km, 13km, ML4.3, MOS 27 17:55:49.7, 0.9, 55:56N, 165:70E, h34km, mb4.5/4, Error ellipse: s-maj=12.6km s-min=6.8km az=45.8

ISC 27 17:55:48.6, 0.7, 55:59N, 165:68E, 0.07, h10km, n67, mb4.1/17, mb3.6/10, 4C-3D, Komandorsky Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAK Asacha, KDRH Khodutka, YAK Yakutsk, etc.

IDC 27 17:57:36.21, 2.55:97N:166:01E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.4/56, mbtmp3.4/6, ML2.5/1, Error ellipse: s-maj=54.5km s-min=23.5km az=168.0

KRSC 27 17:57:40.4, 0.9, 55:64N:165:00E, h43km, 13km, ML3.8

ISC 27 17:57:39.0, 0.9, 55:64N:165:00E, h20km, n22, s151:23, mb3.5/5, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BKI Bering, MKZ Mys Kozlova, TUMD Tumrok D, etc.

JMA 27 18:02:11.4, 0.6, 44:55N:148:42E, h128km, M3.7

IDC 27 18:02:12.5, 4.2, 45:18N:148:06E, h170km, 36km, mb3.2/9, mb1 3.3/10, mb1mx3.1/49, mbtmp3.6/10, Error ellipse: s-maj=34.7km s-min=22.1km az=74.0

ISC 27 18:02:07.9, 1.0, 45:01N:148:30E, 0.1, h132km, n26, s234:32, mb3.4/9, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NEM2 Nemuro 2, JRA Rausu, JKSJ Kusurishibetsu, etc.

IDC 27 18:04:25.8, 5.9, 6:42S:148:79E, h139km, 42km, mb3.1/2, mb1 3.1/4, mb1mx3.0/44, mbtmp3.4/4, MS3.8/1, Ms1 3.8/1, ms1mx2.6/18, Error ellipse: s-maj=97.2km s-min=50.8km az=123.0, New Britain region

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

NEIC 27 18:07:59.6, 2.8, 26:44S:0:06:177:1W:0:2, h5km, 6km, mb4.5/15, Error ellipse: s-maj=20.6km s-min=6.1km az=106.0

IDC 27 18:08:02.4, 1.0, 26:67S:177:48W, h0km, mb3.9/7, mb1 4.1/8, mb1mx4.0/38, mbtmp4.0/8, ML4.9/1, MS3.4/6, Ms1 3.4/6, ms1mx3.1/22, Error ellipse: s-maj=29.7km s-min=22.7km az=108.0

ISC 27 18:08:07.5, 0.6, 26:66S:108:177:7W:0:1, h35km, n37, s172:29, mb4.2/11, MS3.3/6, 1C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, NIUE Niue, etc.

ISC 27 18:08:07.5, 0.6, 26:66S:108:177:7W:0:1, h35km, n37, s172:29, mb4.2/11, MS3.3/6, 1C, South of Fiji Islands

ISC 27 18:08:07.5, 0.6, 26:66S:108:177:7W:0:1, h35km, n37, s172:29, mb4.2/11, MS3.3/6, 1C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, BBOO Bucklebo, AS31 Alice Springs, etc.

ISC 27 18:10:40.7, 2.4, 39:30N:117:95E, h0km, mb3.8/11, mb1 3.9/13, mb1mx3.8/44, mbtmp3.8/13, ML4.0/2, MS3.1/6, Ms1 3.2/6, ms1mx2.8/41, Error ellipse: s-maj=29.8km s-min=15.8km az=40.0

NEIC 27 18:10:40.7, 2.4, 39:30N:117:95E, 0.1, h29km, 7km, mb4.2/6, Error ellipse: s-maj=27.8km s-min=8.9km az=207.0

ISC 27 18:10:39.4, 0.7, 39:44N:0:2:117:94E:0:08, h20km, n32, s151:27, mb3.9/13, MS3.0/1, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BJT Baijiatau, KRSR Wonju Array Si, KRSR Korea Array, etc.

ISC 27 18:10:39.4, 0.7, 39:44N:0:2:117:94E:0:08, h20km, n32, s151:27, mb3.9/13, MS3.0/1, Northeastern China

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

KRSC 27 18:25:04.0, 1.2, 55:66N:165:92E, h40km, 14km, ML3.6, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BKI Bering, KBTR Krutoberegovo, KBRG Krutoberegovo, etc.

MAN 27 18:25:50.5, 13:54N:120:49E, h33km, mb3.9, ML2.7, MS2.3, Mindoro

IDC 27 18:51:08.1, 2.8, 33:38S:178:64W, h0km, mb3.9/2, mb1 4.1/3, mb1mx3.6/32, mbtmp3.9/3, ML3.5/1, Error ellipse: s-maj=67.5km s-min=37.5km az=118.0

NEIC 27 18:51:09.7, 1.2, 33:65S:0:1:178:5W:0:2, h10km, 2km, mb4.3/7, Error ellipse: s-maj=32.9km s-min=4.8km az=123.0

ISC 27 18:51:13.0, 1.6, 33:65S:0:1:178:5W:0:2, h41km, n13, s151:15, mb4.1/7, South of Kermadec Islands

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

IDC 27 18:58:48.8, 0.8, 10:28N:91:61E, h0km, mb3.9/11, mb1 4.0/13, mb1mx3.8/44, mbtmp3.8/13, ML4.0/2, MS3.4/12, Ms1 3.3/12, ms1mx3.1/39, Error ellipse: s-maj=30.3km s-min=14.3km az=58.0

NEIC 27 18:58:53.1, 2.0, 10:29N:0:07:91:62E:0:08, h27km, 6km, mb4.4/24, Error ellipse: s-maj=11.9km s-min=10.8km az=83.0

NDI 27 18:58:55.0, 4.2, 10:69N:91:49E, h12km, 44km, mb4.5, ML4.1, mb4.4(NEIC)

ISC 27 18:58:51.1, 0.6, 10:29N:0:06:91:63E:0:06, h17km, n83, s0:97:72, mb4.3/23, MS3.4/10, 1C, Andaman Islands

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KBTR, KBG, Krutoberegovo, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BMAR, Burtt Mountain, MJAR, Matushiro Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AC02, Maricunga, PB04, IPOC Station P, etc.

1703

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like AODB, LPA, Panguipulli, etc.

2015 NOV

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like EFI, PRAC, BOAV, etc.

27d 21h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like HOPE, SVB, ESPN, etc.

27d 21h

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like ASCN Ascension, 456A Hilliard, 451A Vernon, etc.

2015 NOV

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like MET Memphis-Engin, BLA Blacksburg, BLA Blackburg, etc.

1704

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like TUL1 baz=155, SNR=136, U38A Granite, WMOK Wichita Mounta, etc.

27d 21h

Table with columns: Code, Name, Value, Unit, Status, Date, Time, etc. Includes entries like CEDROS, DECC, PICO, SHOC, PIOC, etc.

2015 NOV

Table with columns: Code, Name, Value, Unit, Status, Date, Time, etc. Includes entries like PMAR, MDND, MLAC, AHID, etc.

1706

Table with columns: Code, Name, Value, Unit, Status, Date, Time, etc. Includes entries like M02C, K04D, L04D, F10A, etc.

EVO			S	S	21 23 40.2 +1.0	
EVO	Evora	85.95	44	eP	21 12 59.6 +0.7	
	comp-Z,299nm,1.6s					
EVO	Evora	85.95	44	ePP	21 16 19.4 0.0	
ENIL	Comil	85.97	47	P	21 13 02.5 +3.5	
SMIR	Smir Dam	86.03	46	P	21 13 03.7 +3.7	
PSBE	So Bento	86.04	43	eP	21 13 00.0 +0.6	
	comp-Z,444nm,1.5s					
B06A	Marblemount	86.07	329	IAMB	IAMB	21 13 02.1
PMTG	Montargil	86.13	44	eP	21 13 00.3 +0.5	
	comp-Z,118nm,1.3s					
CEU	Ceuta	86.15	48	P	21 12 58.5 -1.5	
CEU	Ceuta	86.15	48	P	21 23 40.1 +7.8	
D03D	Eldon	86.16	327	P	21 13 00.2 +0.4	
	baz=134,SNR=19					
B05A	Bryant	86.18	328	P	21 12 59.8 -0.1	
	baz=135,SNR=30					
PESTR	Estremoz	86.41	44	eP	21 13 01.6 +0.4	
	comp-Z,237nm,1.6s					
PESTR	Estremoz	86.41	44	↑P	21 13 01.6 +0.4	
PESTR	Estremoz	86.41	44	↑P	21 13 03.0 -0.7	
PESTR	Estremoz	86.41	44	↑P	21 13 02.0 +0.8	
PESTR	Estremoz	86.41	44	IAMB	21 13 23.7	
	comp-Z,119nm,1.3s					
PESTR	Estremoz	86.41	44	P	21 13 04.9 +3.7	
NLWA	Neilton Lookou	86.44	327	↑P	21 13 03.0 +1.8	
NLWA	Neilton Lookou	86.44	327	IAMS_20	21 148 15.9	
	comp-Z,6um,22.0s					
PCAS	Casmilo	86.54	43	eP	21 13 01.8 0.0	
	comp-Z,193nm,1.5s					
LJA	Lijar	86.70	47	P	21 13 05.2 +2.5	
PALE	Palemas	86.75	49	P	21 13 06.0 +3.0	
A04D	Lummi Island	86.79	328	P	21 13 03.6 +0.8	
	baz=134,SNR=9.9					
PMRV	Marv???	86.86	44	eP	21 13 04.2 +0.8	
	comp-Z,91nm,1.2s					
PMRV	Marv???	86.86	44	ePP	21 16 27.0 +0.1	
PMRV	Marv???	86.86	44	eLQ	21 23 40.7 +1.6	
PMRV	Marv???	86.86	44	eLR	21 38 18.9	
PMRV	Marv???	86.86	44	eLR	21 41 21.8	
	comp-Z,5um,22.0s					
TDRA	Tendrara	86.90	51	P	21 13 07.0 +3.0	
FIGM	Figuiç	86.97	53	P	21 13 07.0 +2.7	
PCBR	Castelo Branco	87.05	43	eP	21 13 05.7 +1.4	
	comp-Z,118nm,1.5s					
PCBR	Castelo Branco	87.05	43	ePP	21 16 32.1 +3.8	
PGC	Sidney	87.10	328	P	21 13 04.6 +0.3	
PGC	Sidney	87.10	328	IAMB	21 13 08.0	
	comp-Z,107nm,1.1s					
JBK	JBK	87.22	50	P	21 13 08.4 +2.9	
EMAL	Malaga-Limoner	87.27	47	P	21 13 06.1 +0.7	
EMAL	Malaga-Limoner	87.27	47	P	21 23 56.6 +1.4	
PVIS	Viseu	87.31	42	eP	21 13 07.0 +1.4	
	comp-Z,94nm,1.4s					
MTE	Manteigas	87.34	43	eP	21 13 06.0 -0.2	
	comp-Z,108nm,1.2s					
MTE	Manteigas	87.34	43	eS	21 23 42.8 -1.0	
MTE	Manteigas	87.34	43	eLQ	21 36 40.0	
MTE	Manteigas	87.34	43	eLR	21 41 59.3	
	comp-Z,6um,22.0s					
MTE	Manteigas	87.34	43	↑P	21 13 05.9 +0.2	
MTE	Manteigas	87.34	43	IAMB	21 13 05.8 0.0	
MTE	Manteigas	87.34	43	IAMS_20	21 51 29.5	
	comp-Z,79nm,0.8s					
GOG	Mont Gururu	87.40	49	P	21 13 09.0 +2.8	
TAF	Tafarot	87.51	11	↑P	21 13 11.0 +3.9	
IVI	Ivigtut	87.59	11	↑P	21 13 07.2 +0.8	
IVI	Ivigtut	87.59	11	P	21 13 06.7 +0.3	
LLBL	Lillooet	87.73	330	IAMB	21 13 10.4	
	comp-Z,86nm,1.1s					
PVRL	Vila Real	87.75	42	eP	21 13 07.9 +0.2	
	comp-Z,48nm,1.0s					
POLO	Lamas de O. I	87.75	42	eP	21 13 08.1 +0.3	
	comp-Z,42nm,1.0s					
POLO	Lamas de O. I	87.75	42	ePP	21 16 34.9 +0.8	
CHAS	Isla Isabel I	87.77	49	P	21 13 06.0 +1.8	
CHAS	Isla Isabel I	87.77	49	P	21 24 00.8 +1.3	
PGAV	Gavieira, Arco	87.82	41	eP	21 13 09.1 +1.0	
	comp-Z,103nm,1.1s					
PGAV	Gavieira, Arco	87.82	41	ePP	21 16 35.7 +1.1	
PGAV	Gavieira, Arco	87.82	41	eLR	21 21 13.9 +3.4	
PGAV	Gavieira, Arco	87.82	41	eLR	21 36 37.3	
PGAV	Gavieira, Arco	87.82	41	eLR	21 41 29.4	
	comp-Z,9um,20.0s					
NRS	Narsarsuaq	88.04	12	iP	21 13 08.4 -0.1	
MVO	Moncorvo	88.10	43	eS	21 13 10.6 +1.2	
MVO	Moncorvo	88.10	43	eS	21 23 52.9 +1.9	
MVO	Moncorvo	88.10	43	eLQ	21 36 43.8	
MVO	Moncorvo	88.10	43	eLR	21 42 01.2	
	comp-Z,9um,20.0s					
OZB	Mount Ozzard	88.31	327	P	21 13 10.9 +0.7	
	comp-Z,92nm,1.0s					
PBRG	Braganca	88.65	42	eP	21 13 12.5 +0.5	
	comp-Z,104nm,1.3s					
PBRG	Braganca	88.65	42	ePP	21 16 40.1 -1.1	
PAB	San Pablo	88.87	45	P	21 13 12.8 -0.3	
PAB	San Pablo	88.87	45	P	21 13 12.8 -0.3	
	comp-Z,98nm,1.1s					
PAB	San Pablo	88.87	45	↑P	21 13 12.9 -0.3	
PAB	San Pablo	88.87	45	IAMB	21 13 12.8 -0.3	
PAB	San Pablo	88.87	45	IAMB	21 13 16.5	
	comp-Z,98nm,1.1s					
PAB	San Pablo	88.87	45	P	21 13 15.8 +2.7	
CBB	Campbell River	88.95	328	P	21 13 14.7 +1.5	
	comp-Z,7um,18.0s					
ESBC	Cebasa	89.18	45	P	21 13 16.8	
	comp-Z,71nm,1.1s					
E5D	Sonessa Array	89.18	45	P	21 13 14.4 -0.1	
	comp-Z,35nm,0.9s,baz=249,slow=4.5,SNR=67					
ESDC	Sonessa Array	89.19	45	P	21 53 37.2	
	comp-Z,6um,18.1s,baz=250,slow=3.6					
ESBB	Sonessa Array	89.19	45	P	21 13 15.5 +0.9	
CASY	Casey	89.20	180	↑P	21 13 14.7 +0.5	
CASY	Casey	89.20	180	↑P	21 13 29.5 -0.5	
CASY	Casey	89.20	180	↑P	21 13 13.8 -0.4	
CASY	Casey	89.20	180	IAMB	21 13 30.1	
	comp-Z,131nm,0.8s					
MATP	Matopu	89.32	112	eP	21 13 16.5 +0.7	
MATP	Matopu	89.32	112	eP	21 13 16.5 +0.7	
BLWY	Bulawayo	89.54	112	eP	21 13 16.7 -0.2	
BLWY	Bulawayo	89.54	112	eP	21 13 16.7 -0.2	
MSNA	Messina	89.75	114	eP	21 13 18.4 +0.7	
MSNA	Messina	89.75	114	eP	21 13 18.4 +0.7	
NUUK	Nuuk	89.90	8	iP	21 13 18.8 +1.6	
CART	Cartagena	90.02	48	P	21 13 17.1 -1.2	
CART	Cartagena	90.02	48	S	21 24 10.8 +1.8	
CART	Cartagena	90.02	48	IAMS_20	21 50 38.8	
	comp-Z,58nm,1.2s					
MXZ	Matalaka Point	90.46	228	IAMS_20	21 43 38.0	
	comp-Z,5um,22.0s					
MOZ	McQueen's Vall	90.61	220	IAMS_20	21 43 23.5	
	comp-Z,4um,22.0s					
KHZ	Kahutera	90.83	222	↑P	21 13 27.2 +5.0	
URZ	Urewera	90.89	227	IAMS_20	21 44 34.3	
	comp-Z,6um,21.9s,baz=211,slow=2.9					
URZ	Urewera	90.89	227	IAMS_20	21 44 12.2	
	comp-Z,6um,22.0s					
NNZ	Nelson	91.62	223	IAMS_20	21 43 59.3	
	comp-Z,3um,22.0s					
LBZ	Lake Benmore	91.63	219	IAMS_20	21 46 38.5	
	comp-Z,5um,20.0s					
KRI	Karoi	91.86	109	eP	21 13 28.5 +0.8	
KRI	Karoi	91.86	109	eP	21 13 28.5 +0.8	
CRZF	Crozet Islands	92.00	144	IAMS_20	21 50 45.5	
	comp-Z,3um,19.0s					
RAO	Raoul Island	92.02	237	IAMS_20	21 44 56.5	
	comp-Z,3um,21.9s,baz=134,slow=2.9					
HIZ	Haiti	92.22	226	IAMS_20	21 45 41.5	
	comp-Z,5um,20.0s					
SFJD	Kangerlussuaq	92.74	8	P	21 13 28.2 -2.1	
	comp-Z,58nm,1.0s,baz=202,slow=5.0,SNR=12					
SFJD	Kangerlussuaq	92.74	8	P	21 13 30.5 +0.2	
	comp-Z,88nm,1.1s					
SFJD	Kangerlussuaq	92.74	8	iP	21 13 30.3 +0.1	
SFJD	Kangerlussuaq	92.74	8	IAMB	21 13 32.5	
	comp-Z,15nm,0.9s					
SFJD	Kangerlussuaq	92.74	8	P	21 13 30.5 +0.2	
SFJD	Kangerlussuaq	92.74	8	IAMB	21 13 33.1	

DY2G	Dye2	92.83	9	iP	P	21 13 30.7 -0.4
DY2G	Dye2	92.83	9	IAMB	IAMB	21 13 33.4
	comp-Z,102nm,0.8s					
ANGG	Ammassalik, Gr	93.59	13	iP	P	21 13 35.1 +0.8
ANGG	Ammassalik, Gr	93.59	13	IAMB	IAMB	21 13 36.8
	comp-Z,38nm,0.8s					
YKA	Yellowknife Ar	93.83	341	P	P	21 13 34.6 -0.8
	comp-Z,69nm,1.0s,baz=129,slow=5.5,SNR=88					
YKA	Yellowknife Ar	93.83	341	P	P	21 30 40.4 -0.7
	comp-Z,2.7nm,1.1s,baz=350,slow=1.5,SNR=5.5					
MAHO	Mahon	94.73	48	P	P	21 13 39.5 -0.6
MAHO	Mahon	94.73	48	S	P	21 24 43.6 -7.5
ILULI	Ilulissat	94.80	7	iP	P	21 13 38.7 -1.1
OUZ	Omahuta	94.82	228	IAMS_20	IAMS_20	21 45 49.0
	comp-Z,6um,22.0s					
ICESG	Greenland IceS	96.27	11	iP	P	21 13 46.1 -0.9
ICESG	Greenland IceS	96.27	11	IAMB	IAMB	21 13 48.6
	comp-Z,27nm,0.8s					
KEST	Kesra	96.42	54	P	P	21 13 46.7 -1.4
	comp-Z,26nm,0.9s,baz=251,slow=4.6,SNR=11					
KEST	Kesra	96.42	54	P	LR	21 56 59.9
	comp-Z,7um,21.8s,baz=203,slow=3.5					
KEST	Kesra	96.42	54	P	P	21 13 48.6 +0.5
DLBC	Dease Lake	96.47	333	P	IAMB	21 13 48.5 +0.8
DLBC	Dease Lake	96.47	333	P	P	21 13 51.4
	comp-Z,68nm,1.1s					
WTLY	Watson Lake, Y	97.02	335	P	Pdfif	21 13 52.8 +2.5
	baz=129					
WRGLY	Wrigley	97.14	339	P	Pdfif	21 13 52.1 +1.5
	baz=133					
SSB	Saint Sauveur	97.45	43	P	Pdfif	21 13 52.8 +0.3
SSB	Saint Sauveur	97.45	43	prmax	prmax	21 13 52.8 +0.3
	comp-Z,33nm,1.1s					
SSB	Saint Sauveur	97.45	43	MLR	MLR	21 13 54.8 +2.3
SSB	Saint Sauveur	97.45	43	MLR	MLR	21 13 52.8 +0.2
SSB	Saint Sauveur	97.45	43	MLR	MLR	21 13 55.6 +2.3
SSB	Saint Sauveur	97.45	43	MLR	MLR	21 13 57.4 +0.1
SSB	Saint Sauveur	97.45	43	MLR	MLR	21 14 01.5
SSB	Saint Sauveur	97.45	43	MLR	MLR	21 14 00.0 +2.4
SSB	Saint Sauveur	97.45	43	MLR	MLR	21 13 58.3 +0.1
	comp-Z,29nm,1.2s					
BNI	Bardonecchia	98.69	44	P	Pdfif	21 13 58.3 +0.1
BNI	Bardonecchia	98.69	44	P	Pdfif	21 14 02.7 +1.1
BNI	Bardonecchia	98.69	44	P	Pdfif	21 14 08.0
	comp-Z,27nm,0.8s					
DOU	Dourbes	99.69	39	dP	Pdfif	21 14 03.6 +1.3
SNF	Seneffe	99.70	39	dP	Pdfif	21 14 04.3 +2.0
	comp-Z,33nm,0.9s					
UCC	Uccle	99.88	38	dP	Pdfif	21 14 04.5 +1.4
	comp-Z,11nm,1.1s					
BMRO	Maredsous	99.89	39	dP	Pdfif	21 14 04.2 +1.0
	comp-Z,45nm,1.0s					
FARO	Faro, Yukon	100.06	335	Pdfif	Pdfif	21 14 05.7 +2.0
	baz=125,SNR=13					
RCHB	Rochefort	100.08	39	dP	Pdfif	21 14 04.9 +0.9
	comp-Z,22nm,1.0s					
BGES	Geaves	100.11</				

Table with columns: ALNE, AI Ain, SNR=10, 131.31, 79, P, PKIKP, 21 19 32.5 +0.1, etc.

Table with columns: ZAAO, Zalesovo Array, 145.54, 26, PKPbc, PKPbc, 21 19 56.3 -0.2, etc.

Table with columns: TLY, comp=Z.22nm, 0.7s, baz=222, slow=4.0, SNR=13, PKPbc, PKIKP, 21 20 16.2 +0.6, etc.

WHF	Hahuan Shan	1.38 217	P	Pn	00 52 58.8 +0.8
WHF			eS	S	00 53 24.8 -0.2
NMLH	Miaoili	1.45 241	P	Pn	00 52 59.0 +1.0
NMLH			eS	S	00 53 24.6 -0.4
WHP	Taichung City	1.48 229	P	Pn	00 52 59.0 +0.6
WHP			eS	S	00 53 25.1 -0.7
CHGB	Renai	1.50 218	P	Pn	00 52 59.7 +1.0
CHGB			S	S	00 53 26.7 +0.4
NSY	Sanyi	1.53 237	P	Pn	00 52 59.7 +0.9
NSY			eS	S	00 53 26.7 +0.4
TWQ1	Liuytan	1.56 235	P	Pn	00 52 59.7 +0.7
TWQ1			eS	S	00 53 26.7 -0.1
OWD	Renai	1.58 215	eP	Pn	00 53 00.3 +1.0
OWD			eS	S	00 53 27.6 +0.2
ESL	Shilin	1.59 205	P	Pn	00 52 58.7 -0.5
ESL			eS	S	00 53 24.6 -2.6
WCS	Beigang Elemen	1.66 224	P	Pn	00 53 00.5 +0.6
WCS			eS	S	00 53 27.6 -0.6
WDJ	Dajia District	1.66 237	P	Pn	00 53 00.0 +1.0
WDJ			eS	S	00 53 27.1 -1.2
IRIF	Iriomote-Funau	1.68 123	P	S	00 53 00.0 0.0
IRIF			S	S	00 53 27.9 -0.7
EGFH	Guangfu	1.72 204	P	Pn	00 52 59.6 -0.8
EGFH			eS	S	00 53 26.4 -2.9
TCU	Taichung	1.75 231	P	Pn	00 53 01.6 +0.9
SMLT	Sun Moon Lake	1.79 221	P	Pn	00 53 01.7 +0.5
SMLT			eS	S	00 53 29.9 -0.8
TYC	Yuchr	1.80 222	P	Pn	00 53 01.7 +0.6
TYC			eS	S	00 53 29.9 -0.6
SSLB	Suangleung	1.84 218	P	Pn	00 53 01.9 +0.4
SSLB			eS	S	00 53 30.3 -1.0
SSLB	Suangleung	1.84 218	Pn	Pn	00 53 01.4 -0.1
WCHH	Zhanghua	1.88 232	P	Pn	00 53 02.3 +0.4
WCHH			eS	S	00 53 31.4 -0.5
HGSD	Ruisui	1.88 202	P	Pn	00 53 02.3 +0.4
HGSD			eS	S	00 53 31.6 -0.4
HATJ	Hateruma jima	1.90 128	P	Pn	00 53 02.7 +0.7
HATJ			S	S	00 53 31.2 -1.0
EHY	Hungye	1.91 204	P	Pn	00 53 01.3 -0.9
EHY			eS	S	00 53 28.8 -3.6
WNT	Mingjian	1.93 225	P	Pn	00 53 03.0 +0.6
WNT			eS	S	00 53 33.4 +0.6
WJS	Zhushan	1.94 223	P	Pn	00 53 03.2 +0.7
WJS			eS	S	00 53 32.7 -0.3
JKRS	Kuro-shima	1.95 121	P	Pn	00 53 03.2 +0.7
JKRS			S	S	00 53 32.0 -1.0
JJU	Ishigaki jima	2.00 116	P	Pn	00 53 03.2 +0.3
JJU			S	S	00 53 31.7 -2.1
YULB	Yu-li	2.02 204	P	Pn	00 53 02.6 -0.6
YULB			eS	S	00 53 30.0 -4.4
YULB	Yu-li	2.02 204	Pn	Pn	00 53 02.3 -0.9
JISG	Ishigakijimahi	2.05 108	P	Pn	00 53 03.8 +0.4
JISG			S	S	00 53 33.6 -1.1
EYUL	Yuli	2.05 203	eP	Pn	00 53 02.8 -0.7
EYUL			eS	S	00 53 31.6 -3.4
WRL	Guolierlin Hig	2.12 231	P	Pn	00 53 04.7 +0.5
WRL			eS	S	00 53 37.0 0.0
ALS	Alshan	2.14 216	P	Pn	00 53 05.4 +0.6
ALS			eS	S	00 53 37.0 0.0
CHNS	Tsauling	2.14 220	P	Pn	00 53 05.1 +0.6
CHNS			eS	S	00 53 36.6 0.0
WDLH	Douliu	2.16 224	P	Pn	00 53 05.4 +0.8
WDLH			eS	S	00 53 36.6 -0.1
FULB	Fuli	2.20 202	P	Pn	00 53 05.2 +0.1
FULB			eS	S	00 53 36.2 -1.4
MATB	Ma-tsu	2.20 294	eP	Pn	00 53 05.2 +0.2
MATB			eS	S	00 53 06.2 +0.7
WTK	Tuku	2.25 227	P	Pn	00 53 38.4 -0.1
WTK			eS	S	00 53 38.4 -0.1
CHKT	Chengkung	2.27 199	eP	Pn	00 53 05.6 -0.1
CHKT			eS	S	00 53 35.9 -2.9
CHN2	Minshiang	2.31 222	P	Pn	00 53 06.9 +0.7
CHN2			eS	S	00 53 39.8 +0.2
ELDTW	Lidau	2.31 207	P	Pn	00 53 06.8 +0.5
ELDTW			eS	S	00 53 38.3 -1.6
CHY	Chiayi	2.37 223	P	Pn	00 53 07.5 +0.7
CHY			eS	S	00 53 39.5 -1.1
JTY	Tarama	2.37 104	P	Pn	00 53 07.5 +0.7
JTY			S	S	00 53 40.4 -0.2
WTF	Szhu	2.40 228	P	Pn	00 53 07.6 +0.5
TPUB	Ta-pu	2.40 216	P	Pn	00 53 07.7 +0.5
TPUB			eS	S	00 53 41.2 -0.2
TPUB	Ta-pu	2.40 216	Pn	Pn	00 53 06.9 -0.3
EDH	Donghe	2.41 200	P	Pn	00 53 06.9 -0.3
EDH			eS	S	00 53 39.9 -1.5
STYH	Taoyuan	2.44 212	P	Pn	00 53 08.2 +0.7
STYH			eS	S	00 53 40.8 -1.1
XPSS	Dashi	2.44 313	eP	Pn	00 53 07.5 0.0
XPSS			eS	S	00 53 40.8 -1.1
WTP	Ta-pu	2.46 216	P	Pn	00 53 08.2 +0.5
WTP			eS	S	00 53 40.8 -1.1
TWK	Hsiangyong	2.51 218	P	Pn	00 53 08.8 +0.5
TWK			eS	S	00 53 43.8 +0.3
LONT	Longtian	2.53 202	iP	Pn	00 53 07.8 -0.6
LONT			eS	S	00 53 41.0 -2.7
LYJJ	Jianjiangzhen	2.53 301	P	Pn	00 53 08.9 +0.5

SNST	Tainan City	2.54 217	P	Pn	00 53 09.2 +0.6
CHN1	Nanshi	2.55 216	P	Pn	00 53 09.3 +0.5
CHN1			eS	S	00 53 42.7 -1.6
ICHU	Yijhu	2.56 223	eP	Pn	00 53 09.3 +0.5
SGST	Jiashian	2.61 214	P	Pn	00 53 09.3 -0.1
SGST			eS	S	00 53 43.1 -2.2
CHN8	Yijhu	2.61 224	eP	Pn	00 53 09.9 +0.5
CHN8			eS	S	00 53 42.2 -3.9
TWG	Pinlang	2.62 203	Pn	Pn	00 53 08.7 -0.8
TWGBT	Beinan	2.62 203	eP	Pn	00 53 08.7 -0.8
LDUT	Ludao	2.65 194	P	Pn	00 53 09.3 -0.5
LDUT			eS	S	00 53 42.2 -3.9
SLGT	Lugui	2.65 212	eP	Pn	00 53 10.7 +0.8
SLGT			eS	S	00 53 45.4 -0.8
TTN	Taitung	2.66 201	eP	Pn	00 53 09.7 -0.2
SSHA	Shanhua	2.72 220	eP	Pn	00 53 11.2 +0.6
CHN3	Shinhua	2.73 218	P	Pn	00 53 12.1 +1.4
SCLT	Jiali	2.75 222	eP	Pn	00 53 11.4 +0.6
JIRB	Irabujima	2.75 98	P	Pn	00 53 11.7 +0.8
JIRB			eS	S	00 53 47.4 -0.6
PTMZ	Houxiangcun	2.78 266	P	Pn	00 53 11.4 +0.2
PTMZ			iS	S	00 53 47.4 -1.1
JJKM	Ikemajima	2.80 96	P	Pn	00 53 12.6 +1.1
JJKM			S	S	00 53 49.2 +0.1
SCST	Cishan	2.81 213	eP	Pn	00 53 13.1 +1.4
TAH1	Yung-k'ang	2.83 219	eP	Pn	00 53 12.8 +1.0
SSD	Sandimen	2.87 210	P	Pn	00 53 13.2 +1.0
SSD			eS	S	00 53 50.2 -0.3
ECL	Taimali	2.87 203	eP	Pn	00 53 14.0 +1.7
TSMG	Majia	2.90 209	P	Pn	00 53 13.6 +1.0
TSMG			eS	S	00 53 50.1 -1.0
TWMT	Shoushan	2.90 214	P	Pn	00 53 14.4 +1.7
JMJ2	Miyako jima3	2.91 99	P	Pn	00 53 13.9 +1.3
JMJ2			S	S	00 53 50.9 -0.3
PNG	Penghu	2.92 235	eP	Pn	00 53 12.8 -0.1
PNG			eS	S	00 53 49.8 -1.7
PHUB	P'eng-hu	2.94 234	eP	Pn	00 53 13.0 0.0
PHUB			eS	S	00 53 15.0 +1.8
SGLT	Jiouru	2.95 212	P	Pn	00 53 13.2 0.0
MHZQ	Yeshan	2.96 287	eP	Pn	00 53 13.2 0.0
MHZQ			iS	S	00 53 51.7 -0.5
JOGS	Gusukube	2.97 99	P	Pn	00 53 14.7 +1.3
JOGS			eS	S	00 53 52.4 -0.1
MASBT	Mashibuluo	2.99 209	P	Pn	00 53 14.5 +0.9
MASBT			S	S	00 53 52.2 -0.7
EAST	Anshuo	3.11 203	P	Pn	00 53 15.3 +0.3
EAST			eS	S	00 53 15.9 +0.8
TAW	Tawu	3.11 202	eP	Pn	00 53 16.4 +1.2
SAPT	Xinbi	3.13 208	P	Pn	00 53 17.2 +1.5
SAPT			eS	S	00 53 17.2 +1.5
SCZT	Fangliu	3.20 207	P	Pn	00 53 16.8 +0.7
SCZT			eS	S	00 53 55.6 -1.8
VCHM	Qimei	3.23 231	eP	Pn	00 53 15.5 -0.9
VCHM			eS	S	00 53 17.0 +0.3
LAY	Lan-yu	3.25 190	eP	Pn	00 53 16.8 +0.1
LAY			eS	S	00 53 56.8 -1.8
OZH	Quanzhou	3.26 265	P	Pn	00 53 16.8 +0.1
OZH			S	S	00 53 56.8 -1.8
OZH			smax	smax	
OZH			smax	smax	
SLIU	Shizi	3.28 203	P	Pn	00 53 17.7 +0.7
SLIU			eS	S	00 53 58.2 -0.8
WLCH	Liujiu	3.33 210	eP	Pn	00 53 19.2 +1.7
WLCH			eS	S	00 53 19.5 0.0
HEN	Hengchun	3.49 202	eP	Pn	00 53 19.5 0.0
HEN			eS	S	00 53 20.7 +1.2
KNM	Kimmen	3.50 257	eP	Pn	00 53 04.7 +1.1
KNM			eS	S	00 53 20.7 +0.8
TWK1	Hengchun	3.53 201	eP	Pn	00 53 20.6 +0.7
TWK1			eS	S	00 53 19.6 -0.2
TWKB	Hengchun	3.53 201	P	Pn	00 53 19.6 -0.2
TWKB			eS	S	00 54 02.7 -1.5
KNMB	Chin-men Tao	3.53 258	iP	Pn	00 53 19.9 0.0
KNMB			eS	S	00 53 21.4 +1.3
KNMB			eS	S	00 53 21.4 +1.3
TSEB	Hengchuen, Pin	3.54 200	P	Pn	00 53 28.6 +0.1
TSEB			eS	S	00 54 09.5 +1.3
ZPLA	Ao Xicun	4.24 253	eP	Pn	00 53 28.6 +0.1
ZPLA			eS	S	00 54 09.5 +1.3
NJ2	Nanjing	7.37 337	P	Pn	00 54 17.7 -1.1
NJ2			pmax	pmax	
NJ2			pmax	pmax	
JMZ	Minamidaio 2	8.19 84	Pn	Pn	00 54 17.7 -1.1
JMZ			pmax	pmax	
WHN	Wuhan	8.70 309	P	Pn	00 54 26.3 +1.0
WHN			pmax	pmax	
JNU	Nakatsue	10.92 42	P	P	00 54 56.7 -2.8
JNU			S	S	00 56 57.6 +1.7
JNU			S	S	00 54 51.9 -1.8
JNU			Pn	Pn	00 54 57.1 +0.4
JNU			Pn	Pn	00 55 12.4 +1.2
JNU			P	P	00 55 17.6 +1.5
JNU			P	P	00 55 15.9 -0.3
JNU			P	P	00 55 20.0 -0.2
JNU			P	P	00 55 22.4 +1.6
JNU			P	P	00 55 23.0 +2.2
JNU			P	P	00 55 23.4 +1.6
JNU			P	P	00 55 23.8 +1.9
JNU			P	P	00 55 22.5 -0.4
JNU			P	P	00 55 22.9 -0.8
JNU			P	P	00 55 20.2 -0.8
JNU			P	P	00 55 24.0 +0.2
JNU			P	P	00 55 22.9 -0.8
JNU			P	P	00 55 23.0 -0.8
JNU			P	P	00 55 20.2 -1.4
JNU			P	P	00 55 24.1 -0.4
JNU			Pn	Pn	00 55 20.8 -2.0
JNU			P	P	00 55 28.0 +1.7

JHS	Saijio	13.55 42	Pn	Pn	00 55 26.3 -0.5
JHS			Pn	Pn	00 55 30.7 +1.8
KSCWO	Cheorwon	13.57 18	P	P	00 55 31.3 +1.5
KSCWO			P	P	00 55 33.0 +2.2
KSJJA	Hwacheon	13.74 19	P	P	00 55 33.0 +1.8
KSJJA			P	P	00 55 35.2 +1.9
HWCB	Hwacheon	13.74 19	P	P	00 55 36.3 +2.2
HWCB			P	P	00 55 36.6 +2.3
KSJM	Jumunjin	13.78 22	P	P	00 55 39.0 +0.1
KSJM			P	P	00 56 10.6 -0.7
SEHB	SEOHWA	13.96 20	P	P	00 56 15.0 0.0
SEHB			P	P	00 56 12.3 +1.0
GYA	Guiyang	14.02 278	P	P	00 56 16.0 +0.3</

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK, MK31, MKAR, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, M30M, A36M, etc.

28d 2h

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include GSG, ETKA, GSMY, etc.

BJI 28 02:51:04.2-0.0, 43:57N, 146:51E, h56km, mB5.6/53, mb5.6/74, Ms4.9/50, Ms7.4/670

BGR 28 02:51:05.9-0.0, 43:55N, 146:75E, h33km, mb6.0, mB. BB6.0, Ms5.0

SKHL 28 02:51:06.5-0.0, 43:20N, 146:70E, h79km, 1km, mb6.2/13, ms5.0/8

MOS 28 02:51:06.4-0.9, 43:28N, 146:49E, h77km, mb6.2/84, MS4.9/22, Error ellipse: s-maj=5.8km s-min=3.4km az=115.1

MOS Felt (III-IV) at Malokuril'skoe, Yuzhno-Kuril'sk, Golovnino, Goryachiye Klyuchi, (II-III) at Kuril'sk.

NEIC 28 02:51:07.5, 43:39N, 146:44E, h66km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.39; Mss=0.84; Mss=0.45; Mss=0.59; Mrr=1.54; Fault plane solution: Ms2.790000, NP1: 142.100000; lambda=18.220000; lambda=7.790000; NP2: 239.500000; s85.570000; lambda=108.060000; Principal axes: T 2.5322, Plg40.0000; Azm346.0000; N 0.4614, Plg18.0000; Azm240.0000; P -2.9936, Plg45.0000; Azm132.0000;

NEIC 28 02:51:07.8-0.1, 43:39N, 146:46E, h71km, 1km, mb5.8/694, Mwb5.6/29, Mww5.6 Error ellipse: s-maj=12.5km s-min=10.3km az=286.0

GCMT 28 02:51:08.8-0.1, 43:33N, 146:56E, h71km, 1km, MW5.5/151, Moment Tensor Solution. s122,c219; s151,c300; Duration: 1s5 Moment tensor: Scale 10^17 Nm; Mrr=0.43; Mss=0.03; Mss=0.27; Mss=0.03; Mrr=1.11; Ms2.00; Ms2.00; Ms2.03; Mrr=1.34; Best double couple: Ms2.668000, NP1: 137.000000; lambda=13.000000; NP2: 238.000000; s85.000000; lambda=114.000000; Principal axes: T 2.6760, Plg36.0000; Azm349.0000; N -0.0120, Plg24.0000; Azm240.0000; P -2.6600, Plg45.0000; Azm125.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NIED 28 02:51:08.1-0.1, 43:22N, 146:50E, h71km, MW5.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^17Nm; Mrr=0.43; Mss=1.09; Mss=0.67; Mss=1.61; Mss=0.24; Mrr=1.11; Fault plane solution: Ms2.790000, NP1: 142.100000; lambda=13.000000; NP2: 239.500000; s84.000000; lambda=114.000000; NP2: 136.000000; s25.000000; lambda=14.000000;

JMA 28 02:51:08.1-0.1, 43:22N, 146:50E, h71km, 2km, M5.6 JMA Felt IV 1.

IDC 28 02:51:08.0-0.3, 43:34N, 146:56E, h75km, 2km, mb5.4/38, mb1.5/44, mb1mx5.4/50, mbtmp5.7/44, MS4.6/28, Ms1.4/6/28, ms1mx4.5/36, Error ellipse: s-maj=8.0km s-min=7.0km az=156.0

NEIC 28 02:51:11, 43:34N, 146:48E, h80km, Moment Tensor Solution. Duration: 10s0 Moment tensor: Scale 10^17Nm; Mrr=0.49; Mss=1.59; Mss=1.10; Mss=1.97; Mss=0.03; Mrr=1.21; Fault plane solution: Ms2.790000, NP1: 142.100000; lambda=13.000000; NP2: 238.000000; s85.000000; lambda=114.000000; NP2: 136.000000; s25.000000; lambda=14.000000; Principal axes: T 2.8707, Plg33.0000; Azm349.0000; N -0.3716, Plg27.0000; Azm240.0000; P -2.4991, Plg45.0000; Azm119.0000;

ISC 28 02:51:07.1-0.2, 43:37N, 146:47E, h69km, 1km, h69km; pP-P, n1680, s19151/1580, mb5.8/603, 517C-235D, Fault plane solution: NP1: 191.04727; s825.97045; lambda=19.33815; NP2: 83.53655; s81.66215; lambda=114.68411; Principal axes: T Plg47.5818; Azm19.49888; N Plg24.4061; Azm259.7235; P Plg32.2196; Azm153.1074; Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include NEM2, NMR, NMR, etc.

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

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

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

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2015 NOV

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include YUK, YUK, GRPR, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JKHN, JKHN, JRJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JNSB, JNSB, RUSJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JNK, JNK, JAK, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JTRK, JTRK, JAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JOB, JOB, KUR, etc.

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

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Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JUMP, JUMP, JCH, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JCH, JCH, JEM, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JEM, JEM, JER, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JER, JER, JKA, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Rows include JKA, JKA, JSAJ, etc.

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

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1716

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

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

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

1717

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like NKLL, VLA, JSG, INU, etc.

2015 NOV

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like GOCB, KSBAR, KSGBI, etc.

28d 2h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like SONM, WHN, H11N2, etc.

28d 2h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Koktuh Hills, Big Mountain, White Mountain, Bonanza Creek, etc.

2015 NOV

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Palmer, Reindeer, Glory Hole Creek, Murphy Dome, etc.

1718

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MESA, YAH, BVCY, CTG, etc.

1719 **2015 NOV** **28d 2h**

TKM2 Tokmak 2	50.22 295	i P	P	02 59 56.8 +0.6
TKM2		pmax	pmax	
BTLS Baital	50.31 299c	i P	S	02 59 56.7 +0.2
BTLS		eS	P	03 07 02.2 -1.8
OPA Opana	50.55 97	P	P	02 59 58.4 -0.2
OPA		pmax	pmax	
OPA Opana	50.55 97	P	P	02 59 58.4 -0.2
RAMN Ramite	50.57 272	eP	P	02 59 59.6 +0.6
CHMS Chumysh	50.74 296	P	P	03 00 00.8 +0.9
KBK Karagaybulak	50.77 295	P	P	03 00 01.5 +1.2
CRAG Craig	50.82 46	P	P	03 00 02.7 +2.5
SBUM Sibiu	50.86 226	P	P	03 00 02.0 +1.0
WRAK Wrangell Islan	50.87 45	P	P	03 00 02.9 +2.3
WRAK Wrangell Islan	50.87 45	P	P	03 00 02.1 +1.6
FRU1 Bishkek	50.91 296	IAMB	IAMB	03 00 04.4
TGNT Hyland Airport	50.98 38	P	P	03 00 03.3 +1.9
KKN Kakani	51.05 273	eP	P	03 00 03.2 +0.6
AAK Ala-Archa	51.08 296	i P	P	03 00 03.5 +1.0
AAK Ala-Archa	51.08 296c	i P	P	03 00 03.2 +0.6
AAK Ala-Archa	51.08 296	eP	P	03 00 03.2 +0.6
AAK Ala-Archa	51.08 296	eP	P	03 00 02.5 -0.1
PKI Pulchoki	51.08 273	eP	P	03 00 03.2 +0.2
PKIN Phulchoki	51.09 273	eP	P	03 00 03.2 +0.3
DMN Daman	51.28 273	eP	P	03 00 05.1 +0.7
DLBC Dease Lake	51.29 42	P	P	03 00 05.7 +1.9
GKN Gorkha	51.40 274	eP	P	03 00 05.5 +0.4
KSH Kashi	51.54 291	p P	p P	03 00 10.5 +4.5
KSH KSH		p P	p P	03 00 27.5 +3.9
KSH KSH		s P	s P	03 00 33.0 +1.5
KSH KSH		s P	s P	03 02 13.3 +1.0
KSH KSH		s S	s S	03 07 26.3 +4.9
KSH KSH		s S	s S	03 07 52.0 +0.8
KSH KSH		s S	s S	03 09 52.0 +2.1
KSH KSH		s S	s S	03 11 00.5 +2.7
KSH comp=Z,86nm,1.5s			pmax	
KSH comp=Z,710nm,3.0s			pmax	
KSH comp=Z,1µm,15.6s		LR	LR	
KSH comp=Z,700nm,15.3s		LR	LR	
BKB Balikpapan	51.75 219	P	P	03 00 06.8 -0.8
AML Almayashu	51.84 295	i P	P	03 00 09.5 +1.0
DANN Dangsing	51.84 275	eP	P	03 00 09.6 +1.0
DIB Dawson Inlet	52.06 49	IAMB	IAMB	03 00 34.4
KOLN Koldanda	52.28 274	eP	P	03 00 12.5 +0.7
MTKI Muara Teweih	52.41 221	P	P	03 00 12.5 -0.1
WRGLY Wrigley	52.43 35	P	P	03 00 13.8 +1.8
PMG Port Moresby	52.53 179	P	P	03 00 12.6 -0.7
PMG Port Moresby	52.53 179	P	P	03 00 12.6 -0.7
PMG Puithan	52.54 275	eP	P	03 00 14.5 +0.8
KSM Kuching	52.70 228	P	P	03 00 16.0 +1.3
KSM Kuching	52.70 228	P	P	03 00 14.1 -0.6
RUBB Prince Rupert	52.80 47	IAMB	IAMB	03 00 45.4
SPSI Sidrap Palu	52.92 214	P	P	03 00 17.8 +1.5
SAPU Saumlaki	52.94 199	P	P	03 00 15.6 -0.8
DZA Taraz	53.02 297	eP	P	03 00 15.5 -1.4
SVE Sverdlovsk	53.08 317	i P	P	03 00 17.8 +0.8
SVE Grenville Isla	53.16 47	IAMB	IAMB	03 00 44.1
BNSI Bone	53.18 214	P	P	03 00 18.9 +0.7
KKAR Karatay Array	53.45 298	P	P	03 00 20.4 +0.4
KKAR Karatay Array	53.45 298	P	P	03 00 20.4 +0.4
SRIT Nakonsitamara	53.52 244	IAMB	IAMB	03 00 42.3
POHA Pohakuiloa	53.56 97	P	P	03 00 21.9 +0.6
KAPI Kappang	53.88 214	P	P	03 00 22.7 -0.6
KAPI Kappang	53.88 214	P	P	03 00 22.4 -1.0
KBKI Kotabaru	53.89 169	P	P	03 00 23.6 -0.3
HNR Honiara	53.97 213	P	P	03 02 45.1
HNR Honiara	53.97 163	P	P	03 00 24.5 +0.6
HNR Honiara	53.97 163	P	P	03 00 24.5 +0.6
IUG Iuzhnyy	54.22 297	eP	S	03 00 26.0 +0.3
ARU Arti	54.28 317c	i P	P	03 00 25.6 -0.2
ARU Arti		*PP	s P	03 00 45.4 +1.9
ARU Arti		*SP	p P	03 00 54.5 +3.2
ARU Arti		S	S	03 01 26.4
ARU Arti		S	S	03 07 59.3 +1.3
ARU Arti		SS	SS	03 10 04.2
ARU Arti		SS	SS	03 11 35.4 -4.7
ARU Arti		MLR	MLR	
ARU Arti		MLR	MLR	
HOPEN Hopen	54.84 346	eP	P	03 00 25.4 -0.4
BBB Bella Bella	54.89 49	P	P	03 00 28.1 -1.4
NOR Nord	54.95 357	i P	P	03 00 28.7 -1.6
SMLA Simla	55.04 282	i P	P	03 00 31.6 0.0
DHRM DHARAMSHALA	55.04 283	i P	P	03 00 50.0 +0.7
DHRM Spitsbergen Ar	55.06 349	eP	P	03 00 32.1 +0.2
SPAD Spitsbergen Ar	55.06 349	eP	P	03 00 30.9 -0.1
SPB2 Spitsbergen Ar	55.06 349	eP	P	03 00 36.9
SPITS Spitsbergen Ar	55.06 349	P	P	03 00 31.0 -0.1
KBS Kingsbay	55.07 350	P	P	03 00 30.3 -0.9
KBS Kingsbay	55.07 350	P	P	03 00 29.9 -1.3
KBS Kingsbay	55.07 350	eP	P	03 00 29.7 -1.5
KBS Kingsbay	55.07 350	eP	P	03 00 30.3 -0.9
TAS Tashkent	55.11 296	P	P	03 00 32.3 +0.3
TAS comp=Z,218nm,1.1s			pmax	

TAS Tashkent	55.11 296	P	P	03 00 32.3 +0.3
KULM Kulim	55.34 240	P	IAMB	03 00 34.0 0.0
BHK Bhekra	55.42 283	i P	P	03 00 35.3 +0.9
RES Resolute Bay	55.47 16	P	P	03 00 34.4 +0.4
GAR Garm	55.61 294	P	P	03 00 35.1 -0.7
IPM Ipoth	55.73 239	P	P	03 00 36.7 0.0
IPM Hornsund (broa)	56.05 348	eP	L	03 00 38.2 0.0
HSPB Hornsund (broa)	56.05 348	eL	L	03 10 16.8
HSPB		eL	L	03 20 33.3
HSPB		eL	L	03 20 39.0 -0.5
MYKOM Kota Tinggi	56.12 235	P	IAMB	03 01 01.0
MMRI Maumere	56.26 209	P	P	03 00 39.7 -0.7
MMRI Maumere	56.26 209	P	P	03 00 39.1 -1.4
MMRI Maumere	56.26 209	P	IAMB	03 01 02.0
NDI New Delhi	56.38 279	i P	P	03 00 41.5 +0.2
YKA Yellowknife Ar	56.39 33	P	P	03 00 41.4 +0.6
NIL Nilore	56.43 287	P	P	03 00 42.2 +0.6
NIL Nilore	56.43 287	P	P	03 00 42.2 +0.6
NIL Nilore	56.43 287	P	P	03 00 42.4 +0.1
AYAN Aya Nagar	56.56 279	eP	P	03 01 01.3
AYAN Ende, Flores	56.56 210	i x	x	03 00 41.0 -1.7
EDFI Ende, Flores	56.56 210	i x	x	03 00 43.2 +0.1
SOEI Ende, Flores	56.56 210	i x	x	03 00 45.5 +0.7
AB31 Akbulak array	56.91 309	i P	P	03 00 45.8 +0.8
AB31 Akbulak array	56.91 309	i P	P	03 00 46.2 -0.4
COEN Coen	57.21 184	P	P	03 00 47.0 -0.2
KUDL Kundal	57.41 311	P	P	03 00 48.5 +0.3
AKTO Aktyubinsk	57.49 322	i P	P	03 00 49.5 +0.2
KIRV Kirov	57.59 322	i P	P	03 00 49.8 +0.4
PRGR Permogorsk	57.61 326	eP	s P	03 01 14.7 -0.4
PRGR Permogorsk	57.61 326	eP	s P	03 01 14.7 -0.4
OZB Mount Ozzard	57.92 51	IAMB	IAMB	03 01 21.9
LVZ Lovozero	57.94 336c	i P	P	03 00 51.2 -0.5
LVZ Lovozero	57.94 336	P	P	03 00 50.9 -0.9
TULEG Lovozero	58.28 9	i P	IAMB	03 00 52.0 -1.9
TULEG Lovozero	58.28 9	i P	IAMB	03 00 54.6
APA Apatity	58.52 336	i P	P	03 00 54.4 -1.3
APA Apatity	58.52 336	i P	P	03 01 20.1
APA Apatity	58.52 336	i P	P	03 08 49.0 -4.6
APA Apatity	58.52 336	i P	P	03 09 04.0 -1.1
APA Apatity	58.52 336	i P	P	03 10 37.0
SRBI Singaraja	58.56 217	P	P	03 00 57.3 +0.7
KBAL Kabal	58.85 290	P	P	03 00 58.0 -0.8
KBAL Kabal	58.85 290	P	P	03 00 58.0 -0.8
KEV Kevo	58.89 339	P	P	03 00 57.8 -0.4
KEV Kevo	58.89 339	P	P	03 00 57.8 -0.4
KEV Kevo	58.89 339	P	P	03 00 57.8 -0.4
NEEM North Greenlan	58.96 4	i P	P	03 00 58.0 -1.0
BKNI Bangkinang	58.97 236	P	P	03 00 59.8 +0.3
LLBL Lillooet	59.06 48	IAMB	IAMB	03 01 30.0
HAMF Hammerfest	59.10 341	eP	P	03 00 59.6 -0.1
ARAO ARCES Array S	59.43 339	eP	P	03 01 01.8 -0.2
ARCES ARCES Array B	59.43 339	eP	P	03 01 01.6 -0.3
ARCES ARCES Array B	59.43 339	eP	P	03 01 01.6 -0.3
ARCES ARCES Array B	59.43 339	eP	P	03 01 01.7 -0.3
BHPL Bhopal	59.45 274	i P	P	03 01 02.5 -0.4
BHPL Bhopal	59.45 274	i P	P	03 01 02.6 -0.2
AJM Ajmer	59.52 279	i P	P	03 01 03.8 +0.5
AJM Ajmer	59.52 279	i P	P	03 01 21.4
AJM Ajmer	59.52 279	i P	P	03 01 04.8 +1.3
NW4 Lummi Island	59.61 50	IAMB	IAMB	03 01 34.8
A014 Neilton Loukou	59.66 52	IAMB	IAMB	03 01 03.6 -0.6
DAG Danmarks Havn	59.76 356	i P	P	03 01 04.6
DAG Danmarks Havn	59.76 356	i P	P	03 01 04.6
WISH Wishkah	59.87 52	IAMB	IAMB	03 01 36.5
SMRI Semarang	59.88 222	P	P	03 01 05.3 -0.4
D03D Eldon	60.03 51	P	P	03 01 07.9 +1.4
B05A Bryant	60.20 50	P	P	03 01 08.5 +0.9
E03A Lebam	60.30 53	IAMB	IAMB	03 01 39.2
GSI Gunungsitoli	60.35 240	P	P	03 01 09.1 0.0
KT1K Kutaukeino	60.37 340	eP	P	03 01 08.8 +0.3
B06A Marblemont	60.40 50	IAMB	IAMB	03 01 39.0
D04E Lakebay	60.41 52	P	P	03 01 11.3 +2.2
KLMR Klimovskoe	60.49 327c	i P	P	03 01 09.3 0.0
KLMR Klimovskoe	60.49 327c	i P	P	03 04 49.5
KLMR Klimovskoe	60.49 327c	i P	P	03 01 09.3 0.0
KLMR Klimovskoe	60.49 327c	i P	P	03 01 09.3 0.0
KLMR Klimovskoe	60.49 327c	i P	P	03 01 11.0
KLMR Klimovskoe	60.49 327c	i P	P	03 04 49.5
KLMR Klimovskoe	60.49 327c	i P	P	03 22 58.4
KLMR Klimovskoe	60.49 327c	i P	P	03 22 58.4
KLMR Klimovskoe	60.49 327c	i P	P	03 25 39.6
UGM Wanagama	60.58 222	P	P	03 01 09.9 -0.7
JETT Jetton, Norway	60.67 341	eP	P	03 01 12.0 +1.5
E04D Cinebar	60.87 52	P	P	03 01 13.9 +1.8
HEBO Mount Hebo	60.91 54	IAMB	IAMB	03 01 44.2
TRO Tromso	60.96 341	eP	P	03 01 12.8 +0.4
KNRA Kununurra	60.97 200	P	P	03 01 12.9 -0.1
KNRA Kununurra	60.97 200	P	P	03 01 13.8
MASI Maura Aman, Be	61.02 233	P	P	03 01 13.4 -0.2
C06D Leavenworth	61.06 50	P	P	03 01 14.9 +1.4
BLSI Bandar Lampung	61.16 229	P	P	03 01 14.7 +0.2
G03D McMinville, Or	61.20 54	P	P	03 01 16.2 +1.8
F04A Ambay	61.30 53	IAMB	IAMB	03 01 45.7
I02E Swisshome, OR	61.47 55	P	P	03 01 18.1 +1.8
COR Corvallis	61.53 54	P	P	03 01 18.3 +1.6
COR Corvallis	61.53 54	P	P	03 01 18.3 +1.6
COR Corvallis	61.53 54	P	P	03 01 18.3 +1.6
COR Corvallis	61.53 54	P	P	03 01 18.3 +1.6
COR Corvallis	61.53 54	P	P	03 01 18.3 +1.6
SAVNI Savanah	61.54 157	P	P	03 01 16.2 -0.7
MNAI Manna	61.60 231	P	P	03 01 18.1 +0.6
B08A Colville Reser	61.69 49	IAMB	IAMB	03 01 29.4

Table with columns: Name, Address, Phone, Email, Website, and other details for various businesses and individuals.

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LTK	Loutraki	84.15	319	P	P	03 03 29.1	-1.6
TAOE	Nuku Hiva Isla	84.17	108	eLR	LR	03 29 51.5	
TAOE	Nuku Hiva Isla	84.17	108	eT	T	04 36 11.4	
IGT	Igoumitas	84.19	321	P	P	03 03 31.0	+0.2
ANX	Ano Chora	84.20	320	LP	LP	03 03 30.9	-0.1
PPT	Papeete	84.25	121	LR	LR	03 39 48.1	
PPT2	Papeete2	84.27	121	eS	S	03 13 52.0	+0.5
PPT2	Papeete2	84.27	121	eLR	LR	03 29 50.3	
PPT2	Papeete2	84.27	121	eT	T	04 36 26.7	
SERG	Sergoula	84.28	319	P	P	03 03 30.9	-0.4
KEK	Kerkira	84.29	322	P	P	03 03 31.3	0.0
THAL	Thalero	84.29	319	P	P	03 03 30.4	-0.9
TRIZ	Trizonia	84.31	319	P	P	03 03 31.0	-0.4
PAE	Paea	84.32	121	eT	T	04 36 29.8	
ELF	Efpalio	84.34	319	P	P	03 03 31.8	+0.3
ALIK	Alik, Aigiali	84.38	319	P	P	03 03 32.7	+1.0
SGRT	San Giovanni R	84.38	325	IAMB	IAMB	03 03 32.7	
T42A	Van Buren	84.41	43	IAMB	IAMB	03 03 52.8	
VLC	Villacollemand	84.43	330	P	P	03 03 32.4	+0.5
LAKA	Lakka	84.46	319	P	P	03 03 32.1	-0.1
W39A	Magazine	84.47	46	P	P	03 03 32.3	0.0
N49A	Columbus Grove	84.48	36	IAMB	IAMB	03 03 53.6	
OLIL	Olney	84.50	40	IAMB	IAMB	03 03 53.5	
GUR	Goura	84.52	319	P	P	03 03 32.0	-0.6
KLV	Kalavryta, Ach	84.53	319	P	P	03 03 32.1	-0.5
MNTQ	Montreal, Queb	84.60	27	IAMB	IAMB	03 04 01.9	
MSSA	Maissana	84.61	331	IAMB	IAMB	03 03 33.6	
OSSC	Osservatorio P	84.66	329	P	P	03 03 32.8	-0.3
NYDR	Nydrif-Lefkada	84.68	320	P	P	03 03 33.5	+0.3
JCT	Junction City	84.72	53	P	P	03 03 33.9	+0.3
JCT	Junction City	84.72	53	IAMB	IAMB	03 03 55.1	
EVGI	Lefkada Island	84.77	320	P	P	03 03 34.2	+0.5
STIA	Sitia Lasithi	84.80	315	P	P	03 03 34.6	+0.7
ZKR	Zakros	84.80	315	P	P	03 03 34.5	+0.6
DRO	Drossia	84.81	319	P	P	03 03 34.5	+0.5
AQU	L'Aquila	84.82	327	IAMB	IAMB	03 03 33.7	-0.3
AQU	L'Aquila	84.82	327	IAMB	IAMB	03 03 35.9	
RLS	Riolos of Patr	84.84	320	P	P	03 03 34.6	+0.5
BLO	Bloomington	84.87	39	IAMB	IAMB	03 03 55.2	
MATE	Matera	84.89	324	UP	P	03 03 34.3	0.0
WHTX	Lake Whitney	84.92	50	P	P	03 03 35.0	+0.4
WHTX	Lake Whitney	84.92	50	IAMB	IAMB	03 03 56.2	
BNI	Bardonecchia	84.95	333	P	P	03 03 34.4	-0.3
BNI	Bardonecchia	84.95	333	P	P	03 03 34.4	-0.3
BNI	Bardonecchia	84.95	333	P	P	03 03 34.4	-0.3
BNI	Bardonecchia	84.95	333	P	P	03 03 34.4	-0.3
N9A	Covington	85.02	37	IAMB	IAMB	03 03 55.8	
MIAR	Mount Ida	85.08	46	P	P	03 03 35.5	+0.2
MIAR	Mount Ida	85.08	46	IAMB	IAMB	03 03 56.8	
P48A	Milroy	85.13	38	IAMB	IAMB	03 03 56.3	
LCAR	Lake Charles	85.13	43	IAMB	IAMB	03 03 56.5	
VLS	Valsamata	85.16	320	P	P	03 03 35.8	+0.1
FRNY	Flat Rock	85.19	27	P	P	03 03 36.8	+1.1
FRNY	Flat Rock	85.19	27	P	P	03 03 35.1	+0.5
FRNY	Flat Rock	85.19	27	P	P	03 03 34.9	+1.1
HRKL	Herakleio	85.22	316	P	P	03 03 36.5	+0.5
KSTL	Kastelli Herak	85.24	316	P	P	03 03 35.7	-0.4
BATG	Bathurst New B	85.26	22	IAMB	IAMB	03 03 37.0	
W41B	Gary Marvly V	85.28	45	IAMB	IAMB	03 03 36.5	+0.2
Z38A	Mt. Pleasant	85.32	48	IAMB	IAMB	03 03 57.9	
ITM	Ithomi	85.33	319	P	P	03 03 36.1	-0.4
IDI	Anoyia	85.35	316	P	P	03 03 36.2	-0.6
DRLN	Deer Lake	85.39	15	IAMB	IAMB	03 03 43.4	
P49A	Miami Univ. Ec	85.39	37	P	P	03 03 36.7	-0.1
F62A	Pittsford Farm	85.40	25	IAMB	IAMB	03 04 06.5	
CASP	Castiglione de	85.43	329	IAMB	IAMB	03 03 37.4	
SSB	Saint Sauveur	85.45	334	P	P	03 03 37.3	+0.2
SSB	Saint Sauveur	85.45	334	P	P	03 03 37.3	+0.2
SSB	Saint Sauveur	85.45	334	P	P	03 03 37.3	+0.2
SSB	Saint Sauveur	85.45	334	P	P	03 03 37.3	+0.2
MMNY	Mt. Morris Dam	85.49	31	IAMB	IAMB	03 03 58.3	
WVNY	West Valley, N	85.50	32	IAMB	IAMB	03 03 58.7	
M53A	Wl Miller and	85.51	34	P	P	03 03 37.6	+0.2
X40A	Basin Creek Fa	85.51	45	P	P	03 03 37.4	-0.1
X40A	Basin Creek Fa	85.51	45	IAMB	IAMB	03 03 58.9	
ACSO	Alum Creek Sta	85.56	36	P	P	03 03 37.6	0.0
ACSO	Alum Creek Sta	85.56	36	IAMB	IAMB	03 03 59.2	
VAM	Vamos	85.61	316	P	P	03 03 38.3	+0.4
IMMV	Iera Monti Meta	85.67	316	P	P	03 03 38.4	+0.1
WCI	Wyandotte Cave	85.74	39	P	P	03 03 38.8	+0.2
WCI	Wyandotte Cave	85.74	39	P	P	03 03 38.8	+0.2
WCI	Wyandotte Cave	85.74	39	P	P	03 03 38.8	+0.2
WCI	Wyandotte Cave	85.74	39	P	P	03 03 38.8	+0.2
435B	Jarrell	85.76	51	P	P	03 03 39.3	+0.5
G62A	West of Eustis	85.84	25	IAMB	IAMB	03 04 00.1	
M54A	Oil Creek Stat	85.85	33	P	P	03 03 39.0	-0.1
M54A	Oil Creek Stat	85.85	33	IAMB	IAMB	03 04 00.1	
J58A	Remsen	85.90	29	IAMB	IAMB	03 04 00.3	
VT1	Waterbury	85.92	27	IAMB	IAMB	03 04 00.9	
LPAR	Lepanto	85.93	43	P	P	03 03 40.8	+1.3
LPAR	Lepanto	85.93	43	P	P	03 03 39.5	+1.0
TIP	Timpagrande	86.08	323	UP	P	03 03 41.2	+0.9
TIP	Timpagrande	86.08	323	IAMB	IAMB	03 03 42.0	
J59A	Plesio	86.09	29	IAMB	IAMB	03 04 01.2	
L56A	Greenwood	86.13	31	IAMB	IAMB	03 04 01.7	
O52A	Adamsville	86.14	35	IAMB	IAMB	03 04 02.0	
P51A	Williamsport	86.15	36	IAMB	IAMB	03 04 01.8	
N54A	Moraine State	86.19	33	P	P	03 03 40.9	+0.2
A49A	Shelbyville	86.20	38	IAMB	IAMB	03 04 02.2	
H62A	Milan	86.22	26	IAMB	IAMB	03 04 01.9	

M55A	Ridgway	86.24	32	IAMB	IAMB	03 04 02.7	
LBNH	Lisbon	86.27	27	P	P	03 03 42.6	+1.5
LBNH	Lisbon	86.27	27	P	P	03 03 42.6	+1.5
LBNH	Lisbon	86.27	27	P	P	03 03 42.6	+1.5
O53A	New Philadelphia	86.29	35	P	P	03 03 41.2	0.0
P52A	Corning	86.42	35	P	P	03 03 41.9	-0.1
P52A	Corning	86.42	35	IAMB	IAMB	03 04 02.5	
ACCN	Adirondack Com	86.45	28	IAMB	IAMB	03 04 03.3	
Z41A	Richland Creek	86.48	46	P	P	03 03 43.2	+0.9
R50A	Paris	86.59	38	IAMB	IAMB	03 04 04.0	
NATX	Nacodogoches	86.64	48	P	P	03 03 44.5	+1.4
BINY	Binghamton	86.66	30	P	P	03 03 43.1	+0.1
BINY	Binghamton	86.66	30	P	P	03 03 43.2	+0.1
BINY	Binghamton	86.66	30	IAMB	IAMB	03 04 03.7	
O54A	Blue Knob Sta	86.69	34	IAMB	IAMB	03 04 05.0	
WVW	Waverly	86.72	41	P	P	03 03 43.6	+0.2
WVW	Waverly	86.72	41	P	P	03 03 43.5	+0.1
WVW	Waverly	86.72	41	P	P	03 03 43.6	+0.2
WVW	Waverly	86.72	41	IAMB	IAMB	03 04 03.7	
P53A	Whipple	86.86	35	IAMB	IAMB	03 04 05.1	
I63A	Otisfield	86.87	26	IAMB	IAMB	03 04 06.3	
M57A	Sunshine Farm	86.98	31	IAMB	IAMB	03 04 06.3	
FFD	Franklin Falls	87.05	27	IAMB	IAMB	03 04 07.0	
SSPA	Standing Stone	87.30	32	P	P	03 03 46.4	+0.3
SSPA	Standing Stone	87.30	32	P	P	03 03 45.8	-0.3
SSPA	Standing Stone	87.30	32	IAMB	IAMB	03 04 07.4	
O56A	Blue Knob Sta	87.34	33	P	P	03 03 46.8	+0.3
MCWV	Mont Chateau	87.35	34	P	P	03 03 47.0	+0.5
S51A	Beattyville	87.44	38	IAMB	IAMB	03 04 08.0	
CLTN	Cedars of Leba	87.46	40	IAMB	IAMB	03 04 08.4	
V48A	Smith Brothers	87.51	41	IAMB	IAMB	03 04 08.4	
PLAL	Pickwick Lake	87.52	42	P	P	03 03 47.1	-0.2
PLAL	Pickwick Lake	87.52	42	IAMB	IAMB	03 04 08.2	
R53A	Hurricane	87.59	36	IAMB	IAMB	03 04 08.8	
N59A	State Game Lan	87.86	31	P	P	03 03 48.9	+0.1
KSC2	Kent School, K	87.97	29	IAMB	IAMB	03 04 09.5	
PAGS	Pennsylvania G	88.10	32	IAMB	IAMB	03 04 11.3	
BCX	Boston College	88.22	27	P	P	03 03 50.7	+0.3
BCX	Boston College	88.22	27	IAMB	IAMB	03 04 11.5	
P57A	Homestead Farm	88.23	33	IAMB	IAMB	03 04 11.8	
S54A	Dingess, Beck	88.31	36	IAMB	IAMB	03 04 12.3	
TZTN	Tazewell	88.37	38	P	P	03 03 51.7	+0.4
TZTN	Tazewell	88.37	38	IAMB	IAMB	03 04 12.7	
R55A	Martinsburg	88.40	35	P	P	03 03 52.3	+0.7
X48A	Hartselle	88.45	42	IAMB	IAMB	03 04 12.5	
VBMS	Vicksburg	88.49	45	P	P	03 03 53.1	+1.1
V50A	Signal Mountain	88.67	40	IAMB	IAMB	03 03 52.3	+0.2
ZAIG	Zacaleca	88.71	60	P	P	03 03 54.4	+0.9
SDMD	Soldier's Deli	88.76	32	IAMB	IAMB	03 04 14.1	
WUPA	West Chester U	88.78	31	IAMB	IAMB	03 04 15.1	
CPCT	Cooper Cam, 1	88.83	39	IAMB	IAMB	03 04 14.7	
P60A	Greenville	88.87	31	P	P	03 03 53.5	-0.1
Z47A	Carrollton	88.95	43	P	P	03 03 54.6	+0.5
FPAL	Fort Payne	89.06	41	IAMB			

28d 4h

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

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

TIF 28 03:04:26.7, 42.35N, 43.03E, h7km
DDA 28 03:04:27.4, 42.35N, 43.02E, h3km, 3km, ML3.0
ISK 28 03:04:27.5, 42.35N, 42.99E, h9km, ML3.1/8
ISC 28 03:04:27.5, 42.34N, 43.03E, 43.04E, 0.02, h4km, 2km, n39, c068/61, Western Caucasus

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

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Table with columns: EMRE, Erzurum, Aziziy, 2.78 215, P, Pg, 03 05 19.7, -1.1. Includes stations like BAYT, Koyt, etc.

IDC 28 03:07:07.7, 1.9, 3.89N, 127.33E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.4/4, mbtmp3.9/4, Error ellipse: s-maj=143.7km s-min=24.2km az=65.0, Talaud Islands

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

IDC 28 04:03:29.0, 2.2, 32.84S, 178.27W, h0km, mb4.3/2, mb1 4.1/4, mb1mx4.1/19, mbtmp4.3/3, ML4.3/1, MS3.5/5, Ms1 3.5/5, ms1mx3.2/26, Error ellipse: s-maj=60.4km s-min=33.7km az=125.0

NEIC 28 04:03:39.1, 3.1, 32.82S, 0.06, 178.5W, 0.2, h21km, 5km, mb4.5/9, Error ellipse: s-maj=23.8km s-min=8.6km az=90.0

ISC 28 04:03:35.0, 1.0, 32.8S, 0.1, 178.5W, 0.2, h32km, n23, mb1 4.1/4, mb1mx4.1/19, mbtmp4.3/3, ML4.3/1, MS3.5/5

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

IDC 28 04:27:39.5, 2.7, 8.04S, 113.03E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.1/29, mbtmp3.3/4, ML2.9/1, Error ellipse: s-maj=153.9km s-min=27.6km az=49.0

DJA 28 04:27:43.5, 0.3, 8.54, 111.3E, h10km, M3.9/16, mb4.2/1, MLV3.8/16

ISC 28 04:27:43.3, 1.3, 8.53S, 0.08, 112.71E, 0.03, h25km, 12km, n21, c1838/27, mb3.4/3, Jawahar

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

IDC 28 04:43:04.5, 1.0, 38.71N, 20.61E, h0km, mb3.7/7, mb1 3.7/13, mb1mx3.6/47, mbtmp3.6/13, ML3.4/5, MS3.3/1, Ms1 3.3/1, ms1mx2.3/49, Error ellipse: s-maj=18.1km s-min=16.5km az=34.0

PDG 28 04:43:06.1, 0.7, 38.68N, 20.53E, h11km, 1km, ML3.5/14, Error ellipse: s-maj=1.1km s-min=1.8km az=0.0

THE 28 04:43:06.8, 38.64N, 20.61E, h11km, ML3.8/7, Error ellipse: s-maj=1.6km s-min=0.5km az=101.0

ATH 28 04:43:06.9, 38.64N, 20.62E, h11km, 1km, ML3.5/15, Error ellipse: s-maj=1.5km s-min=0.6km az=286.0

ISC 28 04:43:06.5, 0.7, 38.66N, 0.02, 20.58E, 0.03, h14km, 4km, n126, c1927/167, mb3.9/7, 4C-6D, Greece

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

1724

Table with columns: FSK, comp, E, 38um, 0.3s, S, Sg, 04 43 14.4, +0.2. Includes stations like FSK, Fiskardo, etc.

28th 5h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DELO Deloro Mine, LBNH Lisbo, and many others.

2015 NOV

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PKME Peaks-Kenny Pk, ODNJ Ogdensburg, and many others.

1726

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BRLS, KBK Karagaybulak, and many others.

IDC 28 05:43:26.0, 3.2, 9.17S: 122.15E, h141km, 35km, mb3.3/1, mb1 3.2/4, mb1mx2.8/35, mbtmp3.6/4, Error ellipse: s-maj=71.9km s-min=25.4km az=72.0, Savu Sea

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, and many others.

SJA 28 05:44:35.2, 1.1, 30.46S: 72.35W, h10km, ML5.2, MWS.2, GUC 28 05:44:37.0, 0.7, 30.34S: 72.34W, h32km, 4km, ML5.4

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MOS Mos, NEIC Neic, and many others.

cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. ISC 28 05:44:38.2-1.0,30.39S-0.03:72.23W,0.04,h4km,5km, n507,0171/472,mb5.1/39,MS5.3/81,11C-13D,Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes (CO06, CO07, etc.).

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes (PB14, H03N1, H03N2, etc.).

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes (ALF01, ITTB, SJMB, etc.).

28d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like V53A Saluda, TXAR Lajitas Array, and many others.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like MPMC Manual Prospect, FURC Furnace Creek, and many others.

1728

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, and many others.

28d 7h

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

2015 NOV

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

1730

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RTLS, ASAL, RCTV, ZON, AAGR, VA03, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Error ellipse, Chera, Chirah Chowk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, NNC, OHH, SALK, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like RABC Rab, KBA Koelnbreinsper, KBA, etc.

MAN 28 09:11:36.2, 7.92N; 128.39E, h176km, mb4.3, ML3.1, MS2.8
IDC 28 09:11:38.3; 1.0, 4.56N; 128.39E, h0km, mb3.77, mb1 3.8/7, mb1mx3/7.39, mbtmp3.77, MS2.92, Ms1 2.9/2, ms1mx2.5/37, Error ellipse: s-maj=63.8km s-min=17.9km az=80.0

ISC 28 09:11:44.7; 1.0, 4.5N; 0.1; 128.4E; 0.4, h46km, n8, az092/7, mb3.4/7, North of Halmahera

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Time, Res, and other parameters. Includes stations like JOW Kunigami, FITZ Fitzroy Cross, WRA Warramunga Arr, etc.

MAN 28 09:15:31.0, 11.02N; 125.62E, h10km, mb4.6, ML3.4, MS3.3

IDC 28 09:15:18.1; 1.8, 11.45N; 126.69E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/39, mbtmp3.6/5, Error ellipse: s-maj=177.2km s-min=20.9km az=68.0, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Time, Res, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, etc.

MAN 28 09:28:21.1, 13.24N; 120.47E, h5km, mb3.9, ML2.7, MS2.2, Mindoro

IDC 28 09:52:53.0; 1.6, 21.95N; 145.14E, h0km, mb3.7/6, mb1 3.9/6, mb1mx3.5/54, mbtmp3.7/6, MS3.1/1, Ms1 3.1/1, ms1mx2.2/61, Error ellipse: s-maj=49.5km s-min=32.1km az=84.0, Mariana Islands region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Time, Res, and other parameters. Includes stations like JAY Jayapura, SONM Songoing Array, WRA Warramunga Arr, etc.

BGR 28 09:55:40.1; 0.0, 52.14N; 153.65E, h33km, mb5.3, Ms4.2

KRSC 28 09:56:29.9; 1.4, 52.47N; 153.10E, h536km, 27km, ML5.5

BUI 28 09:56:30.6; 0.0, 52.64N; 152.93E, h528km, mb4.9/31, mb4.9/32

SKHL 28 09:56:31.2; 0.2, 52.50N; 152.80E, h534km, 8km, mb5.6/12, msh5.5/8

NEIC 28 09:56:31.9; 1.6, 52.67N; 152.7E; 0.1, h510km, 5km, mb4.7/428, Error ellipse: s-maj=12.3km s-min=6.5km az=60.0

MOS 28 09:56:31.1; 0.0, 52.65N; 152.79E, h521km, mb4.8/57, Error ellipse: s-maj=6.2km s-min=4.2km az=83.2

IDC 28 09:56:33.0; 0.5, 52.68N; 152.70E, h527km, 5km, mb4.2/43, mb1 4.3/50, mb1mx4.2/63, mbtmp5.1/50, Error ellipse: s-maj=6.8km s-min=5.2km az=121.0

ISC 28 09:56:31.8; 0.3, 52.55N; 152.87E; 0.0, h523km, 3km, h521km, pP-P, n1099, r1940/1054, mb4.7/349, 38C-63D, Northwest of Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Time, Res, and other parameters. Includes stations like MIPR Malaya Ipe'l'ka, MIPR, etc.

Main table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Includes stations like MIPR Malaya Ipe'l'ka, MIPR, APC Apacha, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Includes stations like TYV comp=Z,93nm,0.5s, TYV, etc.

Table with columns: IZTM, Tenmabayashi, 14.26 219, P, P, 09 59 32.0 -1.9, etc. Includes rows for ZEA, YAK, JSD, KIW, etc.

Table with columns: I21K, Tanana, 30.10 44, Iamb, Iamb, 10 03 35.1, etc. Includes rows for CAST, PPLA, HHC, etc.

Table with columns: L27K, Beaver Creek, 34.80 46, Iamb, Iamb, 10 02 40.7, etc. Includes rows for M27K, BVCY, BARN, etc.

28d 9h

2015 NOV

1734

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like NEEM, MDOK, BJO1, SVE, SVE, TARG, BTLS, LSA, ARU, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like L04D, K04D, DMN, GKN, DANN, N2IH, K05A, M04C, STEI, N02D, LOF, KOLN, PYUN, SWI, FAUS, SJUI, O02D, FFC, FFC, FFC, FFC, PLID, O03E, NBB30, NBB17, NBB13, ILULI, KONS, MORO, EGMT, NIL, NIL, BELG, ICESG, ICESG, BOZ, BOZ, HLID, FIA1, FINES, FINES, SANI, YERR, NSS, SFJD, MOS, KBL, KBL, KBL, KBL, RLMT, DGMT, SBUM, LAO, LAO, DY2G, DY2G, OBN, OBN, TPH, VSU, VSU, HWUT, VES, AAL, VRH, BW06, PDAR, R11A, LPSR, LPSR, MTSE, DUG, ISA, PMG, PMG, PMG, KSM, MOL, JLU, MPMC, FURC, D0M, D0M, ULM, UPP, MPU, AKN, NC303, NC303.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like NC405, VSR, VSR, VORD, VORD, NB2, NB0A, EDW2, NC602, DECC, E28A, GSC, RDMU, K22A, K22A, TMUT, MVU, RSSD, RSSD, RSSD, P17A, FOO, TUO, HYA, GEYT, GEYT, SKAR, ISAL, HEC, SRU, BBRO, AGMN, AGMN, OSL, HRA, SUE, MNK, MNK, MNK, MNK, MNK, MNK, MNK, MNK, MURC, O20A, O20A, KONO, KONO, KONO, PABE, ASK, BER, BELC, PFO, B35A, ODD1, N23A, IRM, HYKOM, BC3, PDMCI, IVI, IVI, SUSD, IKP, SMCO, F33A, KMY, ISCO, HOMB, GLA, GLA, SUW, SUW, EYMN, EYMN, WUAZ, WUAZ, SNART, MIVCO, Y14A, Q24A.

1735 2015 NOV 28d 9h

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like NCK, S22A, AKASG, etc.

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like TESR, CLL, TRPA, etc.

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like FNO, CONA, SGP, etc.

28d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KALN, SMDO, HOQ, KBA, SOHO, etc.

2015 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CCI, ACCN, O53A, O53B, etc.

1736

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PAB, PAB, PCAS, KEST, etc.

IDC 28 09:59:48.1±3.5, 17.69N, 145.88E, h245km, 31km, mb3.2/4, mb1 3.5/5, mb1mx2.9/56, mbtmp3.9/5, Error ellipse: s-maj=119.6km s-min=23.6km az=114.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUMO, WRA, FITZ, ILAR.

IDC 28 10:12:12.1±1.7, 21.43S, 66.88W, h209km, 53km, mb4.3/1, mb1 3.8/3, mb1mx3.3/29, mbtmp4.4/3, Error ellipse: s-maj=75.7km s-min=28.1km az=9.0, Southern Bolivia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LPAZ, LPAZ, SIV, SIV, TORD, MKAR.

NEIC 28 10:21:57.6±1.9, 4.59S, 0.09, 149.65E, 0.10, h565km, 6km, mb4.6/65, Error ellipse: s-maj=13.9km s-min=13.3km

DJA 28 10:21:57.0±3.0, 3.5°S, 4.15°E, h574km, 4km, M4.5/31, mb4.8/8, mb4.7/31, MLv4.7/3, Mw(mb)4.1/8, IDC 28 10:21:57.0±5.0, 4.66S, 149.61E, h573km, 5km, mb3.7/24, mb1 3.9/28, mb1mx3.7/46, mbtmp4.7/28, Error ellipse: s-maj=9.3km s-min=6.8km az=91.0

ISC 28 10:21:58.0±0.3, 4.63S, 0.05, 149.65E, 0.06, h577km, n186, 0.90/200, mb4.5/64, Bismarck Sea

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

28d 12h

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

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

SOME 28 11:42:33.2, 40.93N, 69.88E, h5km
NNC 28 11:42:35.7, 2.0, 40.96N, 69.91E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=15.0km, s-min=9.3km, az=46.0

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

JMA 28 11:48:37.1, 0.3, 31.31N, 128.81E, h15km, 9km, M3.5
IDC 28 11:48:37.5, 1.4, 31.21N, 128.64E, h0km, mb3.3/3, Mb1 3.4/5, mb1mx3.4/9, mbmtpp3.3/5, ML3.1/2, MS2.7/1, Ms1 2.7/1, ms1mx2.3/29, Error ellipse: s-maj=39.0km s-min=25.9km, az=91.0

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

2015 NOV

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

IDC 28 11:56:46.0, 999.0, 50.22N, 56.62E, h0km, Error ellipse: s-maj=227.0km, s-min=20.9km, az=78.0, Western Kazakhstan

IDC 28 12:13:02.3, 0.7, 30.38N, 131.32E, h0km, mb4.2/2.0, mb1 4.4/2.3, mb1mx4.2/5.7, mbtmp4.3/2.3, ML3.9/3, MS3.7/1.9, Ms1 3.7/1.9, ms1mx3.4/6.0, Error ellipse: s-maj=17.7km s-min=16.1km, az=87.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMNT, JMTN, JTN, etc.

IDC 28 12:13:08.8, 0.8, 30.35N, 131.35E, h0km, 7km, n206.1, 19.96/208, mb4.6/7.3, MS3.8/2.0, 15C-20, Kyushu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMW, JNU, JOW, etc.

1740

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTO, GUMO, GYA, etc.

Table with columns: MHQZ, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Yeshan, Jianjiangzhen, XPS5, etc.

IDC 28 12:57:11.6:0.5, 1.89N, 126.45E, h0km, mb4.2/16, mb1.4/218, mb1mx4.0/51, mbtmp4.1/18, ML3.8/2, MS3.6/2, Ms1.3/2, ms1mx2.7/49, Error ellipse: s-maj=35.5km s-min=9.8km az=73.0

DJA 28 12:57:17.6:0.3, 2.1N, 127.7E, h0km, mb4.2/12, mb4.5/7, mb4.8/3, ML3.4/1, Mw1.6/10, Mb1.4/3, NEIC 28 12:57:18.0:1.2, 1.93N, 0.192, 126.65E, 0.09, h4km, 7km, mb4.3/22, Error ellipse: s-maj=16.3km s-min=8.8km az=224.0

ISC 28 12:57:18.3:0.5, 1.99N, 0.044, 126.73E, 0.06, h47km, n62, s1549/69, mb3.4/25, Northern Molucca Sea

Main table for 28d 13h section, listing station names, coordinates, and seismic data for various stations like TNTI, SGTI, LBTI, etc.

Table with columns: MSVF, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Stephens Creek, WRA, etc.

IDC 28 13:07:12.4:2.4, 8.20S, 125.53E, h0km, mb3.4/1, mb1.3/6.5, mb1mx3.3/53, mbtmp3.4/5, ML3.1/4, Error ellipse: s-maj=54.5km s-min=27.2km az=65.0, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI, FITZ, WRA, etc.

ISK 28 13:11:02.7:34.75N, 26.64E, h30km, ML3.5/15, ATH 28 13:11:04.5:34.91N, 26.82E, h9km, 4km, ML3.2/3, Error ellipse: s-maj=9.0km s-min=2.1km az=356.0

THE 28 13:11:05.9:35.10N, 26.72E, h0km, 1km, ML2.9/4, Error ellipse: s-maj=6.1km s-min=1.0km az=163.0

DDA 28 13:11:06.5:35.19N, 27.09E, h6km, 4km, ML2.6, ISC 28 13:11:04.9:1.5, 35.02N, 0.09, 26.78E, 0.04, h18km, 4km, n33, s131/49, Crete

Main table for 2015 NOV section, listing station names, coordinates, and seismic data for various stations like ZKR, NPS, ARG, etc.

MW5.3/132, Moment Tensor Solution. s102.c169; s132.c246; Duration: 1s11. Moment Tensor Scale 10^17 Nm; Mw=0.44z;0.0; M0=0.89z;0.0; Mxx=0.45z;0.1; Mxy=0.53z;0.4; Mxz=0.65z;0.1; Myx=0.23z;0.3; Best double couple: Mo1.14400z.017; NP1.8z207.00000z; 853.00000z, lambda=161.00000z. NP2.8z106.00000z; 875.00000z, lambda=39.00000z. NP3.2z1.256z0.17; 1.256z0.17z4.0000z, Azm161.0000z; N -0.222z0.17; 1.256z0.17z4.0000z; P -1.033z0.17; 1.256z0.17z4.0000z; Azm60.0000z; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DSN 28 13:11:37.4:0.7, 15.32N, 59.37E, h1km, mb5.8/7, ML5.7/2, Ms4.9/17, Error ellipse: s-maj=12.8km s-min=7.5km az=94.0

NEIC 28 13:11:38.9:2.9, 15.23N, 0.08, 59.53E, 0.09, h10km, 1km, mb5.6/130, Ms2.5/0.84, Mw5.4/40, Mw5.4/40, Error ellipse: s-maj=14.6km s-min=12.7km az=110.0

NEIC 28 13:11:39.1, 15.22N, 59.51E, h4km, Moment Tensor Solution. Moment Tensor Scale 10^17Nm; Mr=0.55; Mw0.77; Mxx0.23; Mxy-1.33; Myx0.57; Mz0.30; Fault plane solution: Mo1.63000z0.17; NP1.8z210.72000z; 827.48000z, lambda=155.23000z. NP2.8z98.46000z; 878.85000z, lambda=64.72000z. Principal axes: T 1.656z0.17; 1.656z0.17z4.0000z; Azm168.0000z; N -0.053z0.17; 1.656z0.17z4.0000z; P -1.603z0.17; 1.656z0.17z4.0000z; Azm373.0000z; OMAN 28 13:11:42.0:0.1, 15.61N, 59.28E, h10km, mb6.6/30, mb5.8/4, Ms4.7/19, Mw5.5/15, Error ellipse: s-maj=1.1km s-min=1.0km az=305.0

NEIC 28 13:11:43.15, 10N, 59.37E, h2km, Moment Tensor Solution. Duration: 8s0 Moment tensor: Scale 10^17Nm; Mr-0.51; Mw0.129; Mxx-0.77; Mxy1.0; Myx0.72; Mz0.03; Fault plane solution: Mo1.34000z0.17; NP1.8z27.00000z; 886.00000z, lambda=178.00000z. NP2.8z117.00000z; 888.00000z, lambda=0.00000z. Principal axes: T 1.526z0.17; 1.526z0.17z4.0000z; Azm145.0000z; N -0.053z0.17; 1.526z0.17z4.0000z; P -1.029z0.17; 1.526z0.17z4.0000z; Azm252.0000z; ISC 28 13:11:38.6:0.5, 15.27N, 0.03, 59.48E, 0.03, h13km, 2km, h13km; P-P, n849, s198/918, Ms5.5/276, MS4.9/123, 155C-191D, Fault plane solution: NP1.8z121.4434z; 883.75626z, lambda=33.52189z. NP2.8z215.56419z; 856.70296z, lambda=172.52351z. Principal axes: T Plg18.1366z, Azm173.1042z; N Plg55.9685z; Azm292.1198z; P Plg27.7161z; Azm73.1949z; Owen Fracture Zone

Main table for 1742 section, listing station names, coordinates, and seismic data for various stations like SHAO, DMTO, DQD, etc.

MSNA	Messina	47.23 218	eP	P	13 20 12.1 +0.6
MSNA	Messina	47.23 218	eP	P	13 20 12.1 +0.6
PLIT	Plitvice	47.23 218	iP	P	13 20 11.5 +0.1
DUGI	Dugi Otok	47.26 317	iP	P	13 20 11.4 -0.1
EGYH	Egyhazaskeszo	47.30 322	eP	P	13 20 12.6 +0.8
QJC	Qjow	47.33 326	eL	L	13 20 12.3 +0.4
QJC	comp=Z,910nm,25.3s				
QJC	Qjow	47.33 326	IAMB	IAMB	13 20 13.2
MOPA	Mopani	47.33 216	eP	P	13 20 12.3 0.0
MOPA	Mopani	47.33 216	eP	P	13 20 12.3 0.0
PRGR	Perngore	47.35 351	eP	P	13 20 10.2 -1.7
PRGR	comp=Z,37nm,1.0s				
PTJ	Puntjarka	47.46 319	P	P	13 20 13.5 +0.4
LOBO	Lohor	47.50 320	iP	P	13 20 13.3 -0.1
LHSI	Lahat	47.56 110	P	P	13 20 16.1 +1.9
NVLJ	Novallja	47.60 317	iP	P	13 20 13.6 -0.5
OZLU	Ozalj	47.65 319	iP	P	13 20 15.1 +0.6
ISAL	Salakas	47.67 335	eP	P	13 20 15.3 +0.7
BEL	Belsk	47.72 328	eP	P	13 20 16.3 +1.3
BEL	comp=Z,874nm,21.5s				
BOJS	Bojanci	47.74 318	eP	P	13 20 15.6 +0.3
CRES	Cresnjev	47.74 319	iP	P	13 20 15.5 +0.2
KLMR	Klimovskoe	47.75 347	eP	P	13 20 13.5 -1.5
KLMR			e		13 21 38.6
KLMR			eS		13 22 06.0
KLMR			eS		13 27 13.2 +2.4
KLMR	comp=Z,300nm,1.2s				
KLMR	Klimovskoe	47.75 347	eP	P	13 20 13.6 -1.5
KLMR			AMP		13 20 16.6
KLMR	comp=Z,300nm,1.2s				
KLMR			eP		13 21 38.1 -5.9
KLMR			eP		13 22 06.6 -0.1
KLMR			eS		13 27 13.3 +2.4
KLMR			eS		13 27 13.3 +2.4
KLMR			LO		13 36 21.3
KLMR			LO		13 36 21.3
KLMR			LR		13 40 28.8
SMOL	Smolenice	47.77 323	eP	P	13 20 16.0 +0.6
SMOL			eP		13 20 16.0 +0.6
AQU	L'Aquila	47.78 314	P	P	13 20 16.0 +0.6
AQU			eP		13 20 16.7 +1.1
AQU	L'Aquila	47.78 314	IAMB	IAMB	13 20 16.7 +1.1
AQU			IAMB		13 20 36.4
MODS	Motra-Piesok	47.79 323	eP	P	13 20 15.1 -0.5
MODS			eP		13 20 17.0 +1.3
MODS	comp=Z,49nm,1.0s				
JAVC	Velka Javorina	47.80 324	eP	P	13 20 15.1 -0.5
JAVC			e		13 20 29.6
ZST	Bratislava	47.81 323	eP	P	13 20 16.2 +0.5
ZST	Bratislava	47.81 323	eP	P	13 20 16.2 +0.5
SOP	Sopron	47.89 322	eP	P	13 20 16.6 +0.3
SUW	Suwalki	47.90 332	eL	L	13 20 16.9 +0.6
SUW			eL		13 41 04.1
SUW	comp=Z,765nm,26.5s				
SUW	Suwalki	47.90 332	eP	P	13 20 16.3 0.0
SUW	Suwalki	47.90 332	IAMB	IAMB	13 20 17.5
SUW	comp=Z,59nm,0.8s				
OKC	Ostrava-Krasne	48.03 325	eP	P	13 20 18.0 +0.6
OKC	Ostrava-Krasne	48.03 325	eP	P	13 20 18.0 +0.6
ENH	Enshi	48.10 619	iP	P	13 20 16.5 -1.8
VISS	Visnje	48.13 313	iP	P	13 20 18.6 +0.3
NRCRA	Norcicia	48.14 314	IAMB	IAMB	13 20 21.2
QIZ	Qiongzong	48.15 78	P	P	13 20 19.0 +0.2
QIZ			S		13 27 22.5 +4.8
QIZ			eP		13 20 18.3 +0.5
QIZ	comp=Z,43nm,2.2s				
QIZ			LR		13 20 18.3 +0.5
QIZ	comp=Z,2um,14.7s				
QIZ			LR		13 20 22.8 +0.7
QIZ	comp=Z,2um,16.2s				
QIZ			LR		13 20 22.8 +0.7
QIZ	comp=Z,2um,21.1s				
RIY	Rijeka	48.16 318	iP	P	13 20 18.4 -0.1
RIY	Rijeka	48.16 318	iP	P	13 20 18.2 -0.3
XAN	Xian	48.17 58	eP	P	13 20 25.3 -2.1
XAN			eP		13 20 25.3 -2.1
XAN			eP		13 20 31.0 +8.3
XAN	comp=Z,38nm,1.4s				
XAN			eP		13 20 31.0 +8.3
XAN	comp=Z,330nm,4.9s				
XAN			LR		13 20 31.0 +8.3
XAN	comp=Z,1um,16.5s				
XAN			LR		13 20 31.0 +8.3
XAN	comp=Z,1um,16.7s				
XAN			LR		13 20 31.0 +8.3
XAN	comp=Z,2um,15.2s				
SMRN	Sveta Marina	48.26 317	iP	P	13 20 18.9 -0.3
ARSA	Arzberg	48.32 321	iP	P	13 20 20.4 +0.7
MORC	Moravsky Berou	48.34 325	iP	P	13 20 20.7 +0.9
MORC	Moravsky Berou	48.34 325	iP	P	13 20 20.7 +0.9
MORC	Moravsky Berou	48.34 325	iP	P	13 20 20.2 +0.4
MORC			e		13 20 32.8
MORC	Moravsky Berou	48.34 325	eP	P	13 20 20.4 +0.6
MORC			IAMB		13 20 21.2
CEY	Cepknic	48.37 318	iP	P	13 20 20.0 -0.1
SOKA	Sotho	48.37 320	iP	P	13 20 20.6 +0.4
SOKA	comp=Z,54nm,1.0s,SNR=19				
CONA	Conrad Observa	48.42 322	iP	P	13 20 21.0 +0.4
CONA	comp=Z,55nm,1.0s,SNR=15				
LJU	Ljubljana	48.42 319	iP	P	13 20 21.2 +0.7
LJU	Ljubljana	48.42 319	iP	P	13 20 21.2 +0.7
BRJN	Brijuni	48.47 317	iP	P	13 20 21.1 +0.2
PABE	Paberze	48.53 334	eP	P	13 20 21.4 +0.3
PABE	Paberze	48.53 334	IAMB	IAMB	13 20 22.4
LWLI	Lwla	48.54 111	P	P	13 20 23.5 +1.5
OBKA	Obir	48.60 319	iP	P	13 20 22.6 +0.5
KRUC	Moravsky	48.64 323	eP	P	13 20 22.4 +0.3
KRUC			e		13 20 34.9
VRAC	Vranov	48.64 324	iP	P	13 20 23.3 +1.1
VRAC	Vranov	48.64 324	iP	P	13 20 23.3 +1.1
VRAC	Vranov	48.64 324	iP	P	13 20 22.8 +0.7
VRAC			e		13 20 35.2
MURB	Monte Urbino	48.70 315	IAMB	IAMB	13 20 25.5
KRLC	Kraljiky	49.01 325	eP	P	13 20 24.8 +0.6
KRLC	Kraljiky	49.01 325	eP	P	13 20 24.8 +0.6
KLSI	Klasi	49.11 110	P	P	13 20 25.4 -0.1
KLSI	comp=Z,298nm,comp=Z,19nm,1.3s				
KEST	Keasa	49.04 304	P	P	13 20 25.6 +0.1
KEST	comp=Z,7.7nm,0.8s,baz=19s,slow=4.0,SNR=6.8				
KEST			LR		13 41 52.7
MOY	Monday	49.09 33	eP	P	13 20 26.2 +0.5
MOY			eP		13 20 26.2 +0.5
MOY	comp=Z,108nm,1.7s				
KLI	Kotabumi	49.20 110	P	P	13 20 40.8 +1.4
MYKA	Terra Mystica	49.23 319	iP	P	13 20 26.8 0.0
MYKA	comp=Z,47nm,0.8s,SNR=14				
TREC	Trest	49.27 323	eP	P	13 20 27.6 +0.6
TREC	Trest	49.27 323	eP	P	13 20 27.6 +0.6
PUL	Pulkovo	49.29 341	eP	P	13 20 27.8 +0.9
PUL			eP		13 20 27.8 +0.9
PUL	comp=Z,129nm,0.6s				
PPBI	Pangkal Pinang	49.30 107	P	P	13 20 39.5 +1.2
DPC	Dobruska-Polom	49.30 325	eP	P	13 20 27.6 +0.3
DPC			eP		13 20 38.4
DPC			AMS		13 41 50.0
DPC	comp=Z,700nm,21.4s				
DPC	Dobruska-Polom	49.30 325	eP	P	13 20 27.6 +0.3
DPC			MLR		13 20 27.6 +0.3
MOA	Molin	49.35 321	iP	P	13 20 28.0 +0.4
MOA	comp=Z,33nm,0.7s,SNR=17				
OSTC	Ostas	49.46 325	eP	P	13 20 28.9 +0.5
OSTC			AMS		13 46 10.0
OSTC	comp=Z,1um,19.4s				

VSU	Vasula	49.51 338	eP	P	13 20 28.3 -0.3
VSU	Vasula	49.51 338	iP	P	13 20 27.6 -0.9
UPC	Upice	49.55 325	eP	P	13 20 29.8 +0.7
UPC	Upice	49.55 325	eP	P	13 20 29.8 +0.7
KSP	Ksiaz	49.56 325	eP	L	13 20 29.7 +0.6
KSP			eL		13 42 09.1
CHVC	Chvalec	49.57 325	eP	P	13 20 29.7 +0.4
STAL	STALIGIAL	49.67 318	IAMB	IAMB	13 20 31.3
ZAK	Zakamensk	49.68 36	eP	P	13 20 30.2 0.0
ZAK			eP		13 20 30.2 0.0
CASP	Castiglione de	49.69 314	P	P	13 20 29.8 -0.5
CKRC	Cesky Krumlov	49.75 322	eP	P	13 20 31.6 +1.0
CKRC			eP		13 20 44.2
CKRC			eP		13 20 44.7
CKRC			AMS		13 41 40.0
VSL	Villasalto	49.84 309	IAMB	IAMB	13 20 46.9
ABTA	Abfaltersbach	49.98 319	iP	P	13 20 32.5 -0.1
ABTA	comp=Z,62nm,0.8s,SNR=23				
GEC2	GERESS Array S	50.12 322	eL	L	13 42 26.6
GERES	GERESS Array B	50.12 322	P	P	13 20 32.8 -0.7
GERES	comp=Z,5.6nm,0.8s,baz=120,slow=7.9,SNR=18				
GERES			P		13 21 52.5 -0.5
GERES	comp=Z,4.3nm,0.8s,baz=138,slow=7.7,SNR=4.6				
GERES			LR		13 45 20.6
ZCCA	Zocca	50.12 316	P	P	13 20 34.4 +0.8
PRU	Pruhonice	50.14 324	eP	P	13 20 33.8 +0.3
PRU			eP		13 20 45.8
PRU			eS		13 27 56.8 +1.2
PRU			AMS		13 43 20.0
PRU	comp=Z,900nm,13.9s				
PRU	Pruhonice	50.14 324	eP	P	13 20 33.8 +0.3
PRU			eS		13 27 56.8 +1.2
PRU			MLR		13 43 20.0
CTI	Castel Tesino	50.27 318	IAMB	IAMB	13 20 36.0
KHC	Kasperske Hory	50.31 322	eP	P	13 20 34.4 -0.6
KHC			eP		13 20 45.5
KHC			eS		13 27 59.8 +1.2
KHC			AMS		13 46 00.0
KHC	comp=Z,1um,19.8s				
KHC	Kasperske Hory	50.31 322	eP	P	13 20 34.4 -0.6
KHC			eP		13 27 59.8 +1.2
KHC			MLR		13 46 00.0
KHC	comp=Z,1um,19.8s				
KHC	Kasperske Hory	50.31 322	IAMB	IAMB	13 20 35.7
KHC	comp=Z,38nm,0.9s				
GKP	Gorka Klasztor	50.32 328	eP	P	13 20 35.9 +1.0
GKP			eL		13 46 15.1
GKP	comp=Z,816nm,19.2s				
GKP	Gorka Klasztor	50.32 328	eP	P	13 20 35.7 +0.8
PVCC	Panska Ves	50.37 324	eP	P	13 20 35.8 +0.5
PVCC			eP		13 20 35.8 +0.5
PVCC	Panska Ves	50.37 324	eP	P	13 20 35.8 +0.5
SONM	Songino Array	50.39 40	P	P	13 20 36.4 +0.8
SONM	comp=Z,21nm,0.7s,baz=236,slow=7.9,SNR=168				
SONM			P		13 21 52.5 -1.6
SONM	comp=Z,7.2nm,1.0s,baz=265,slow=3.6,SNR=3.6				
SONM			LR		13 46 15.5
SONM	comp=Z,1um,18.6s,baz=268,slow=4.1				
SONM	Songino Array	50.39 40	IAMB	IAMB	13 20 36.4 +0.8
SONM			IAMB		13 20 49.9
BTO	Baotou	50.46 50	eP	P	13 20 36.3 0.0
BTO			S		13 27 50.0 +0.2
BTO	comp=Z,3um,17.4s				
BTO			LR		13 46 15.5
TLY	Talaya	50.52 34	P	P	13 20 37.2 +0.8
TLY	comp=Z,20nm,0.7s,baz=242,slow=8.6,SNR=14				
TLY			LR		13 43 51.0
TLY	comp=Z,1um,18.2s,baz=241,slow=38				
TLY	Talaya	50.52 34	eP	P	13 20 38.2 +1.8
TLY			eS		13 28 06.0 +1.6
TLY	comp=Z,186nm,1.6s				
TLY			MLR		13 43 38.0
TLY	comp=Z,3um,16.0s				
TLY	Talaya	50.52 34	IAMS_20	IAMS_20	13 43 38.0
TLY	comp=Z,1um,18.0s				
WET	Wetzell	50.74 322	eL	L	13 42 46.5
WET	comp=Z,592nm,21.1s				
WTTA	Wattenberg	50.74 319	iP	P	13 20 37.7 -0.6</

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Table with columns for station call letters, frequency, and other technical details. Includes stations like BCIA Clavier, KNMB Chin-men Tao, BGES Gesve, etc.

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Table with columns for station call letters, frequency, and other technical details. Includes stations like PBGR Braganca, TTSI Tana Toraja, MVO Moncorvo, etc.

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Table with columns for station call letters, frequency, and other technical details. Includes stations like MBWA Marble Bar, JWT Wachi, GRNR Gornny, etc.

Table with columns: Code, Station Name, Az, Alt, P, Pd, 1325, 13.9, +0.3, etc. Includes entries like CAST Castle Rocks, VNA3 Neumayer Olymp, J2SK Harding Lake, etc.

NEIC 28 13:22:53.1±1.7, 33.5S:0.1±1.78:6W:0.2, h10km, 2km, mb4.5/18 Error ellipse: s-maj=24.9km s-min=19.2km az=75.0

IDC 28 13:22:58.2±2.8, 33.5S:178.62W, h45km, 22km, mb4.3/3, mb1 4.5/5, mb1mx3.9/36, mbtmp4.6/5, ML4.6/3, MS3.5/1, Ms1 3.5/1, ms1mx3.0/35, Error ellipse: s-maj=33.7km s-min=19.6km az=113.0

WEL 28 13:23:56.8, 37°S:42°17'9"E:99.9, h56km, 19km, M2.8/12, ML3.1/12, MLV2.8/12, Error ellipse: s-maj=3.6km s-min=0.5km az=97.3

ISC 28 13:22:56.6±0.7, 33.42S:0.07:178.6W:0.1, h41km, n58, r160/61, mb4.6/12, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Alt, P, Pd, Time, Res. Includes entries like RAO Raoul Island, MXZ Matakoao Point, WNGZ Watomatatini S, etc.

Table with columns: WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WB0 Fort Forrest, WND Vanda, etc. Includes various station codes and coordinates.

IDC 28 13:39:15.1±0.3, 37.63N:126.94E, h0km, mb4.8/42, mb1 4.8/43, mb1mx4.7/53, mbtmp4.8/43, ML4.8/1, MS4.7/21, Ms1 4.7/21, ms1mx4.5/43, Error ellipse: s-maj=14.3km s-min=7.7km az=77.0

DJA 28 13:39:18.3±0.7, 4°N:4°12'7"E, h17km, 6km, M5.0/33, mb5.4/30, mb5.1/33, MLV5.1/13, Mw(MB)4.9/30, MwMwp5.1/13, MwP5.4/13

GCMT 28 13:39:21.3±0.2, 3.84N:0.01:127.13E:0.01, h102km, 2km, MW5.5/110, Moment Tensor Solution. s10, c10; s110, c184; Duration: t=3 Moment tensor: Scale 10^17 Nm; Mn:-1.91±0.4; M1:1.76±0.3; M2:0.15±0.4; M3:0.19±0.4; M4:0.61±0.3; M5:0.26±0.3; Best double couple: M1: 96000±1017; M2: 2790000±8470000; M3: 10300000±; Principal axes: T: 1.9690, Plg1: 0000°, Azm18.0000°; N: -0.0020, Plg9: 0000°, Azm288.0000°; P: -1.9630, Plg8: 0000°, Azm117.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

KLM 28 13:39:22.3±1.1N:127.26E, h72km, mb5.3, BUJ 28 13:39:22.6±0.0, 3.54N:126.85E, h90km, mb5.4/48, mb4.9/68

NEIC 28 13:39:23.3±2.3, 3.66N:0.08:126.95E:0.09, h69km, 6km, mb5.2/57, Error ellipse: s-maj=14.5km s-min=10.4km az=61.0

MOS 28 13:39:25.1±1.4, 3.79N:127.01E, h92km, mb5.1/33, MS4.8/7, Error ellipse: s-maj=9.9km s-min=4.6km az=114.2

ISC 28 13:22:6.0±4.3, 3.75N:103.126:98E:0.05, h55km, 3km, h55km:pp-P, n446, r186/473, mb5.1/117, MS4.8/46, 28C-26D, Talaud Islands

Table with columns: Code, Station Name, Az, Alt, P, Pd, Time, Res. Includes entries like SGSI Sangihe, TNTI Ternate, DAV Davao City, etc.

Table with columns: KMMI Kalianget, MTN Mantam Dam, MTN Mantam Dam, DNP Denpasar, KDU Kakadu, JAGI Jagaj, Banyuwya, etc. Includes various station codes and coordinates.

28d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA, CMAR, ENH, CHTO, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC, BTO, USRK, ARMA, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BOD, PETK, ZSN, MK31, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BILL Bilibino, NR1K Noril'sk, AR31 Akbulak array, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ARCES ARCESS Array B, FINES FINES Array B, AKASG Malin Array Be, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like W39A Magazine, DBIC Dimbokrot, PLCA Paso Flores, etc.

IDC 28 13:58:12.8,0.9,3.64N,126.73E,h0km,mb4.0/8, mb1 4.2/9,mb1mx3.8/40,mbtmp4.1/9,ML4.2/1, Error ellipse: s-maj=71.1km s-min=15.0km az=68.0

ACLS 28 13:58:15.4,0.8,4.7N,127.1E,h10km,ML4.0/9,mb4.1/5, ML4.0/9

NEIC 28 13:58:20.8,0.8,3.7N,127.0E,h10km,ML4.0/9,mb4.1/5, Error ellipse: s-maj=21.9km s-min=7.9km az=218.0

ISC 28 13:58:19.1,0.8,3.74N,127.0E,h0.07,h48km,n38, r=1500/40,mb4.2/15,Talau Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SANGHE, Ternate, Labuha, Cibonong, Gorontalo, Sanana, Warrungarra, Sorong, etc.

GUC 28 14:14:59.7,0.8,32.24S,71.79W,h28km,4km,ML3.4 SJA 28 14:15:03.0,32.50S,71.74W,h10km,ML4.0

ISC 28 14:14:59.2,1.4,32.32S,71.89W,0.06,h19km,ML4.0, n40,r136/52,7C-1D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CATAPILCO, Torpederas, EI Roble, Peldehue, Curacav, etc.

Table with columns: AC04, Ache, VCA, GO03, APLL, ACLC, MRA, TCA. Includes station names and coordinates.

IDC 28 14:15:52.8,1.2,25.47N,141.36E,h138km,10km, mb3.6/17,mb1 3.8/18,mb1mx3.5/50,mbtmp4.0/18, Error ellipse: s-maj=21.2km s-min=13.6km az=101.0

JMA 28 14:15:54.0,1.2,25.48N,140.97E,h33km,ML4.6 ISC 28 14:15:54.2,0.8,25.48N,141.4E,0.01,h150km,n30, SJA 28 14:15:54.3,0.8,25.48N,141.4E,0.01,h150km,n30

ISC 28 14:15:54.3,0.8,25.48N,141.4E,0.01,h150km,n30, SJA 28 14:15:54.3,0.8,25.48N,141.4E,0.01,h150km,n30

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH2, JHH3, Chichi jima, Chichijima, Hachioji jima, etc.

IDC 28 14:18:23.8,1.9,23.54S,179.88W,h542km,19km,mb3.2/7, mb1 3.4/10,mb1mx3.1/42,mbtmp4.2/10, Error ellipse: s-maj=33.2km s-min=17.1km az=150.0

ISC 28 14:18:22.5,0.8,23.54S,179.8W,0.1,h532km,n25, r=211/25,mb3.7/7,South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF, DZM, MOZ, HAZ, TOZ, TWGZ, URZ, etc.

IDC 28 14:22:07.0,2.3,3.73N,126.83E,h0km,mb3.5/3, mb1 3.7/3,mb1mx3.2/44,mbtmp3.5/3, Error ellipse: s-maj=165.6km s-min=29.5km az=66.0,Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, MKAR, etc.

KMA 28 14:33:37.2,0.4,33.50N,127.15E,h111km,2km, Error ellipse: s-maj=4.0km s-min=1.1km az=133.0,South Korea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSJJU, GMDB, KSSGS, etc.

Table with columns: SNR=8.0, KSJDO, KSJAH, BOSB. Includes station names and coordinates.

NOU 28 14:44:21.3, 18.77S,177.61W,h632km,mb4.8/57,Fiji Islands region

IDC 28 14:44:21.9,1.0, 18.83S,177.70W,h626km,10km, mb3.5/11,mb1 3.8/15,mb1mx3.5/39,mbtmp4.5/15, Error ellipse: s-maj=17.0km s-min=12.6km az=128.0

NEIC 28 14:44:22.6,2.1, 18.9S,0.1,177.7W,0.1,h621km,6km, mb4.8/35, Error ellipse: s-maj=19.8km s-min=15.0km az=133.0

ISC 28 14:44:23.0,1.4, 18.75S,177.69W,0.08,h65km, n147,r150/152,mb4.8/53,11C-5D,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LKBA, TAVE, DGTI, MSVF, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like CZSB Cruzeiro do Sul, BOAV Boa Vista, BTBG Tabatinga, etc.

SJA 28 14:47:41.0,0.9,24.42S:67.18W,h199km,6km,ML3.9, MW4.0
IDC 28 14:47:42.5,1.5,24.34S:66.95W,h168km,12km,mb3.5/6, mb1 3.6/12,mb1mx3.5/25,mbtmp3.9/12, Error ellipse: s-maj=20.9km s-min=15.3km az=17.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Code Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like PB15 IPOC Station P, PB15 IPOC Station P, ASTB Santa Barbara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like YJA Yavi, PB06 IPOC Station P, PB06 Horco Molle, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like ALOL LOMAS DE OLMED, AC02 Maricunga, AC02 Maricunga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like PB09 IPOC Station P, PB09 IPOC Station P, PB10 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like PB02 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like G003 Copiap, G003 Copiap, PATCX Punta Patache, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like PB08 IPOC Station P, TA01 Diego Aracena, TA01 Diego Aracena, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like CLDB Colider, CZSB Cruzeiro do Sul, BB19 Bebedouro, etc.

comp=Z,0.6nm,0.3s,baz=269,slow=9.1,SNR=5.3
NPBG Novo Progresso 20.62 35 P P 14 52 06.3 -1.6
PEXB Peixe 21.66 59 P P 14 52 17.2 -1.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like PRPB Parauapebas, GUA01 Guaratinga, GDU01 Guandu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like DBIC Dimob, TORD Torodi Ara, PDAR Pinedale Arra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like YKA Yellowknife Arr, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 28 15:25:49.4,1.2,33.24S:178.61W,h0km,mb4.3/3, mb1 4.5/5,mb1mx4.0/25,mbtmp4.3/4, Error ellipse: s-maj=191.9km s-min=25.6km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 28 15:25:49.4,1.2,33.24S:178.61W,h0km,mb4.3/3, mb1 4.5/5,mb1mx4.0/25,mbtmp4.3/4, Error ellipse: s-maj=191.9km s-min=25.6km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like WRA Warramunga Arr, WBZ Warramunga Arr, FITZ Fitzroy Crossi, etc.

comp=Z,4.9nm,1.8s,baz=90,slow=36
GSPA South Pole Qui 56.75 180 P P 15 35 36.2 +2.0
GSPA South Pole Qui 56.75 180 P Iamb 15 35 36.7 +2.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like VNA2 Neumayer-Watz, KURBB Kurchatov Arr, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like SHI Shiraz, SHI AHRAM, SHI KAZI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like LAR1 LAR, KLNJ Kolanjang, BNSD Bandar-Abbas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like IRAM Rameshch, IMEH Mirshah, ISAD Sadrabad, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like IBRJ Brojen, IBRJ Negar Kerman, SHME Shamm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like KRBR Kerman, KRBR Kerman, KRBR TVBKB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like BANOM Banah, BANOM Banah, BANOM Banah, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like YZKH Yazd, YZKH Na'in, NASN Na'in, etc.

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PTLB	Pontes e Lacer	26.06 148	eP	P	17 50 21.5 +0.2
PTLB	Pontes e Lacer	26.06 148	P	P	17 50 19.3 -2.0
257A	Skidaway Island	26.12 344	P	P	17 50 21.0 -0.6
TIGA	Tifton	26.41 339	P	P	17 50 23.6 -0.7
250A	Grady	27.91 335	P	P	17 50 39.7 +2.1
250A	comp-Z,20nm,0.6s		I	Amb	17 50 41.1
152A	Waverly Hall	27.92 339	P	P	17 50 39.8 +2.0
152A	comp-Z,17nm,0.8s		I	Amb	17 50 41.2
GOGA	Godfrey	28.18 341	P	P	17 50 42.8 +2.8
GOGA	Godfrey	28.18 341	P	P	17 50 41.2 +1.3
GOGA	Godfrey	28.18 341	P	P	17 50 42.8 +2.8
JSC	Jenkinsville	28.37 346	P	P	17 50 42.8 +1.1
BIRD	Birdtown, Kers	28.53 347	P	P	17 50 45.3 +2.2
BIRD	comp-Z,41nm,1.6s		I	Amb	17 51 03.9
HODGE	Hodges	28.58 344	P	P	17 50 46.3 +2.7
HODGE	comp-Z,19nm,1.3s		I	Amb	17 51 36.2
Z51A	Franklin	28.67 339	P	P	17 50 45.4 +1.0
Y52A	Liburn	28.79 341	P	P	17 50 47.3 +1.9
Y52A	comp-Z,26nm,1.3s		I	Amb	17 50 48.4
346A	Big Creek Hill	28.87 330	P	P	17 50 47.4 +1.2
V58A	Windy Wild, Pi	28.98 350	P	P	17 50 51.0 +0.4
V58A	comp-Z,37nm,1.6s		I	Amb	17 51 50.8
BG3	Lake Jocassee	29.48 343	P	P	17 50 54.2 +2.6
BG3	comp-Z,22nm,1.4s		I	Amb	17 51 53.9
Z47A	Carrollton	29.73 334	P	P	17 50 56.0 +2.3
V55A	Taylorville	29.86 347	P	P	17 50 57.9 +3.0
V55A	comp-Z,22nm,1.4s		I	Amb	17 51 36.2
FPAL	Fort Paine	29.93 339	P	P	17 50 57.1 +1.6
VBMS	Vicksburg	30.07 329	P	P	17 50 59.3 +2.6
VBMS	comp-Z,14nm,0.8s		I	Amb	17 51 00.8 +2.1
T59A	Double "B" Far	30.30 353	P	P	17 51 00.8 +2.1
T59A	comp-Z,13nm,0.6s		I	Amb	17 51 02.2
CPCT	Cooper Cave	30.39 341	P	P	17 51 01.9 +2.3
CPCT	comp-Z,62nm,2.0s		I	Amb	17 51 33.5
X48A	Hartselle	30.39 337	P	P	17 51 01.5 +1.9
X48A	comp-Z,20nm,0.7s		I	Amb	17 51 02.7
W50A	Signal Mountai	30.42 340	P	P	17 51 02.3 +2.4
W50A	comp-Z,14nm,0.6s		I	Amb	17 51 03.0
V52A	Sevierville	30.47 343	P	P	17 51 02.7 +2.4
V52A	comp-Z,8.8nm,0.6s		I	Amb	17 51 42.1
T57A	Hurt	30.58 350	P	P	17 51 02.9 +1.7
U54A	Nelsons Funny	30.64 346	P	P	17 51 04.0 +2.2
U54A	comp-Z,19nm,0.7s		I	Amb	17 51 08.1
V51A	Loudon	30.66 342	P	P	17 51 04.4 +2.5
V51A	comp-Z,24nm,1.1s		I	Amb	17 51 05.4
ARAG	Araguiana, MT	30.71 137	eP	P	17 51 02.3 -0.3
V45A	Yeager Farm, C	30.95 333	P	P	17 51 04.2 +0.2
PEXB	Peixe	30.97 127	eP	P	17 51 05.6 +0.6
BLA	Blacksburg	31.00 349	P	P	17 51 05.0 +0.1
BLA	comp-Z,39nm,1.6s		I	Amb	17 51 50.9
JSRW	J. Sargeant Re	31.05 353	P	P	17 51 05.1 -0.3
TZTN	Tazewell	31.11 344	P	P	17 51 07.7 +0.8
TZTN	comp-Z,33nm,1.4s		I	Amb	17 51 07.5 +0.3
PLAL	Pickwick Lake	31.26 336	P	P	17 51 10.3
PLAL	comp-Z,16nm,0.8s		I	Amb	17 51 08.1
S57A	Dark Hollow, R	31.27 351	P	P	17 51 08.5 +1.2
S57A	comp-Z,46nm,1.9s		I	Amb	17 51 49.2
R58B	Mineral	31.32 353	P	P	17 51 09.9 +2.2
R58B	comp-Z,27nm,1.5s		I	Amb	17 51 59.0
HKT	Hockley	31.44 320	P	P	17 51 10.2 +1.4
V48A	Smith Brothers	31.44 338	P	P	17 51 10.8 +1.9
CBN	Corbin Frederi	31.50 353	P	P	17 51 13.1 +3.8
CBN	comp-Z,17nm,0.8s		I	Amb	17 51 11.1 +1.1
CLTN	Cedars of Leba	31.58 339	P	P	17 51 11.1 +1.1
CLTN	comp-Z,11nm,0.5s		I	Amb	17 51 12.8
S54A	Dinges Beckl	31.75 348	P	P	17 51 13.6 +2.1
W45A	Hickory Valley	31.88 334	P	P	17 51 13.2 +0.6
NATX	Nacogdoches	31.98 324	P	P	17 51 15.5 +1.8
NATX	comp-Z,137nm,0.8s		I	Amb	17 51 15.0 +1.3
AQDB	Aquidauana	32.04 146	eP	P	17 51 14.6 +0.4
AQDB	Aquidauana	32.04 146	P	P	17 51 13.8 -0.4
CCAR	Cane Creek	32.05 330	P	P	17 51 15.6 +1.4
WVT	Waverly	32.17 337	P	P	17 51 16.8 +1.7
WVT	comp-Z,25nm,1.1s		I	Amb	17 51 15.5 +0.5
ZAIG	Zacatecas	32.54 302	P	P	17 51 20.3 +1.3
833A	Chapparral WMA,	32.84 314	P	P	17 51 21.3 +0.2
833A	comp-Z,125nm,6.5s		I	Amb	17 51 23.2 +0.4
P60A	Greenville	32.94 356	P	P	17 51 24.9 +3.1
P60A	comp-Z,175nm,0.8s		I	Amb	17 51 24.3 +1.6
X40A	Basin Creek Fa	33.04 329	P	P	17 51 23.2 +0.4
X40A	comp-Z,18nm,0.8s		I	Amb	17 51 24.9
435B	Jarrell	33.12 319	P	P	17 51 24.9 +1.4
435B	comp-Z,151,SNR=7.1		I	Amb	17 51 22.3 -1.3
MVL	Millersville	33.18 355	P	P	17 51 23.8 -0.1
MVL	comp-Z,9.6nm,0.5s		I	Amb	17 51 27.7
W41B	Gary Maivly,	33.29 331	P	P	17 51 26.4 +1.4
W41B	comp-Z,14,SNR=9.3		I	Amb	17 51 26.9 +1.0
BDFB	Brasilia	33.36 132	P	P	17 51 26.9 +1.0
BDFB	comp-Z,4.8nm,0.5s,ba		I	Amb	17 51 28.1
WHAR	Woolly Hollow	33.41 331	P	P	17 51 26.9 +1.0
WHAR	comp-Z,25nm,0.8s		I	Amb	17 51 28.1
MIAR	Mount Ida	33.47 328	P	P	17 51 27.3 +0.8
MIAR	comp-Z,141,SNR=7.4		I	Amb	17 51 26.6 +0.1
MIAR	Mount Ida	33.47 328	P	P	17 51 26.6 +0.1
WCI	Wyandotte Cave	33.50 341	P	P	17 51 29.1 +2.4
WCI	comp-Z,15nm,0.7s		I	Amb	17 51 28.0 +1.3
WCI	Wyandotte Cave	33.50 341	P	P	17 51 29.1 +2.4
WCI	comp-Z,15nm,0.7s		I	Amb	17 51 29.3
LCAR	Lake Charles	33.51 333	P	P	17 51 27.3 +0.5
LCAR	comp-Z,15nm,0.6s		I	Amb	17 51 32.4 +4.1
O56A	Blue Knob Stat	33.68 352	P	P	17 51 32.4 +4.1
O56A	comp-Z,170nm,0.8s		I	Amb	17 51 30.8 +2.5
P52A	Corning	33.69 347	P	P	17 51 29.4 +1.1
P52A	comp-Z,19nm,0.6s		I	Amb	17 51 32.5
LUPA	Lehigh Unions	33.71 357	P	P	17 51 30.4 +2.0
LUPA	comp-Z,23nm,0.8s		I	Amb	17 51 30.7 +1.9
BRNJ	Basking Ridge	33.76 336	P	P	17 51 30.7 +1.9
BRNJ	comp-Z,175,SNR=5.1		I	Amb	17 51 30.2 +1.1
PBMO	Poplar Bluff	33.78 334	P	P	17 51 30.0 +0.6
FCAR	Ozark Folk Cen	33.81 332	P	P	17 51 31.4
FCAR	comp-Z,29nm,0.9s		I	Amb	17 51 31.9 +2.1
WHXT	Lake Whitney,	33.84 321	P	P	17 51 31.9 +2.1
WHXT	comp-Z,153nm,0.8s		I	Amb	17 51 30.8 +0.4
SDBA	SAO DESIDERIO	33.88 124	eP	P	17 51 34.3 +3.7
SSPA	Standing Stone	33.96 353	P	P	17 51 34.8 +3.3
SSPA	comp-Z,175,SNR=6.1		I	Amb	17 51 34.8 +3.3
N59A	State Game Lan	34.05 356	P	P	17 51 34.8 +3.3
N59A	comp-Z,17nm,0.7s		I	Amb	17 51 35.8
N59A	Palisades	34.06 359	P	P	17 51 34.0 +2.6
N59A	comp-Z,175,SNR=13		I	Amb	17 51 33.4 +1.6
W39A	Magazine	34.08 329	P	P	17 51 33.4 +1.6
W39A	Magazine	34.08 329	P	P	17 51 32.5 +0.8

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O52A	Adamsville	34.08 348	P	I	Amb	17 51 33.2 +1.5
O52A	comp-Z,14nm,0.6s		I	Amb	17 51 36.1	
S44A	Carbondale	34.09 337	P	P	17 51 32.2 +0.4	
S44A	comp-Z,24nm,0.6s		I	Amb	17 51 34.1	
O53A	New Philadelph	34.09 349	P	P	17 51 34.4 +2.6	
O53A	comp-Z,34nm,1.3s		I	Amb	17 51 33.4 +1.6	
O53A	New Philadelph	34.09 349	P	P	17 51 35.6	
O53A	comp-Z,34nm,1.3s		I	Amb	17 51 35.4 +0.7	
SIUC	Southern Illin	34.09 337	P	P	17 51 32.5 +0.7	
TRNY	Table Rock, Ra	34.20 358	P	P	17 51 35.3 +2.7	
TRNY	comp-Z,13nm,0.7s		I	Amb	17 51 36.3	
JCT	Junction City	34.41 317	P	P	17 51 35.3 +0.6	
JCT	comp-Z,26nm,1.5s		I	Amb	17 51 36.3	
BLO	Bloomington	34.43 341	P	P	17 51 35.8 +1.1	
ACSO	Alum Creek Sta	34.45 347	P	P	17 51 37.9 +3.0	
M63A	Gales Ferry	34.46 131	P	P	17 51 36.0 +1.1	
X37A	Clayton	34.46 326	P	P	17 51 35.4 +0.3	
X37A	comp-Z,16nm,1.1s		I	Amb	17 51 37.2	
U40A	Yellville	34.53 331	P	P	17 51 37.3 +1.6	
U40A	comp-Z,14,SNR=52		I	Amb	17 51 37.3 +1.6	
U40A	Yellville	34.53 331	P	P	17 51 37.0 +1.3	
ITRB	Iturama	34.55 140	eP	P	17 51 36.6 +0.6	
N54A	Moraine State	34.56 351	P	P	17 51 40.0 +4.2	
N54A	comp-Z,168nm,0.8s		I	Amb	17 51 38.4 +2.5	
N54A	Moraine State	34.56 351	P	P	17 51 40.5	
M57A	Sunshine Farm,	34.57 355	P	P	17 51 39.1 +3.2	
M57A	comp-Z,12nm,0.5s		I	Amb	17 51 39.9	
Z35A	Perchovene, Sa	34.64 323	P	P	17 51 35.7 -0.9	
KSPA	Kerstone Colle	34.69 356	P	P	17 51 39.3 +2.4	
IPMB	Iramer, GO	34.77 135	eP	P	17 51 38.3 +0.3	
FVM	French Village	34.80 336	P	P	17 51 38.5 +0.5	
MGMO	Mountain Grove	34.91 333	P	P	17 51 39.2 +0.3	
MGMO	comp-Z,14nm,0.8s		I	Amb	17 51 40.9	
M54A	Oil Creek Stat	35.05 351	P	P	17 51 42.9 +2.9	
M54A	comp-Z,19nm,1.1s		I	Amb	17 51 42.0 +2.0	
M54A	Oil Creek Stat	35.05 351	P	P	17 51 44.0	
CCM	Cathedral Cave	35.21 335	P	P	17 51 42.9 +1.4	
CCM	comp-Z,148nm,0.8s		I	Amb	17 51 42.5 +1.1	
CCM	Cathedral Cave	35.21 335	P	P	17 51 45.5 +3.0	
BINY	Binghamton	35.34 356	P	P	17 51 45.5 +3.0	
BINY	comp-Z,175nm,0.8s		I	Amb	17 51 44.4	
BINY	Binghamton	35.34 356	P	P	17 51 44.5 +2.0	
U38A	Gravette	35.35 330	P	P	17 51 42.4 -0.3	
U38A	comp-Z,16nm,0.9s		I	Amb	17 51 44.0	
L56A	Greenwood	35.41 354	P	P	17 51 43.1 0.0	
L56A	comp-Z,17nm,0.9s		I	Amb	17 51 47.1	
PCMB	Paceambur	35.42 143	eP	P	17 51 43.9 +0.4	
TRCB	Terra Rica	35.57 146	eP	P	17 51 45.4 +0.7	
HRV	Adam Dzewonsk	35.58 231	P	P	17 51 47.3 +2.8	
ABTX	Abilene, Hawle	35.65 320	P	P	17 51 46.5 +1.2	
ABTX	comp-Z,28nm,0.7s		I	Amb	17 51 45.8 +0.5	
ABTX	Abilene, Hawle	35.65 320	P	P	17 51 47.5	
TUL1	Leonard	35.68 327	P	P	17 51 46.1 +0.7	
TUL1	comp-Z,24nm,0.8s		I	Amb	17 51 45.3 -0.2	
TUL1	Leonard	35.68 327	P	P	17 51 46.9	
SFIN	Lafayette	35.71 341	P	P	17 51 47.5 +1.9	
SFIN	comp-Z,156nm,0.8s		I	Amb	17 51 47.0 +1.4	
WVNY	Way Valley, N	35.71 341	P	P	17 51 47.5 +1.6	
WVNY	comp-Z,20nm,0.6s		I	Amb	17 51 47.1	
S39A	Bolivar	35.83 332	P	P	17 51 47.1 +0.4	
S39A	comp-Z,17nm,0.7s		I	Amb	17 51 49.1	
JANB	Januarja	35.83 127	eP	P	17 51 47.2 +0.1	
X34A	Smith Ranch, R	35.87 324	P	P	17 51 48.1 +1.0	
X34A	comp-Z,19nm,0.7s		I	Amb	17 51 49.3	
P43A	Skaggs, Pawnee	35.88 338	P	P	17 51 47.8 +0.7	
P43A	comp-Z,26nm,0.8s		I	Amb	17 51 49.2	
K57A	Scipio Town	35.91 356	P	P	17 51 48.8 +1.5	
K57A	comp-Z,19nm,0.7s		I	Amb	17 51 51.1	
FNO	Franklin	36.09 325	P	P	17 51 48.5 -0.5	
CPUP	Villa Florida	36.31 156	eP	P	17 51 51.0 +0.1	
QUOK	Quay	36.37 327	P	P	17 51 51.5 +0.2	
J58A	Remsen	36.46 357	P	P	17 51 55.6	
TXAR	Lajitas Array	36.52 312	P	P	17 51 54.0 +1.2	
TXAR	comp-Z,13nm,0.7s,ba		I	Amb	17 51 15.2 +2.0	

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Table with columns: MONP2, Monument Peak, 47.85 309, P, P, 17 53 26.3 +1.7, etc. Lists various astronomical objects and their coordinates.

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Table with columns: I04A, Tendick Farm, 56.66 319, P, P, 17 54 29.6 +0.4, etc. Lists astronomical objects for November 2015.

1762

Table with columns: O18K, Koktuh Hills, 80.20 330, P, P, 17 56 55.8 +0.8, etc. Lists astronomical objects with detailed parameters.

1762: IDC 28 17:54:08.2, 2.6, 5.54S, 130.76E, h47km, 37km, mb3.3/1, mb1 3.7/5, mb1mx3.3/27, mbtm3.7/5, ML3.8/4, Error ellipse: s-maj=79.9km s-min=23.6km az=88.0

Table with columns: Code, Station Name, Delta X, Delta Y, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists station data for the 1762 event.

1762: IDC 28 17:58:49.4, 7.2, 6.93N, 273.12W, h161km, 48km, mb3.3/1, mb1 3.5/2, mb1mx3.0/23, mbtm3.7/2, Error ellipse: s-maj=88.5km s-min=54.0km az=57.0

mb1 3.5/10, mb1mx3.4/25, mbtmp4.2/10, Error ellipse: s-maj=42.0km s-min=18.7km az=135.0

NEIC 28 19:00:29.0±0.2, 0.7, 20.7S, 1°17'0.0W, 0.1, h518km, 9km, mb4.3/26, Error ellipse: s-maj=21.4km s-min=19.8km az=136.0

ISC 28 19:00:29.0±0.2, 0.7, 20.7S, 1°17'0.0W, 0.1, h534km, n50, c0888/49, mb4.2/21, Fijil Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

Table with columns: PLTB, Pedras Altas, 19.79 137, P, Iamb, Iamb, 19 14 40.5 -0.6, 19 14 43.4. Includes BDFB, Brasiilia, 20.63 87, P, S, 19 14 52.2 +1.8.

Table with columns: DBIC, Dimbokro, 68.26 75, P, P, 19 21 08.8 +0.8, 19 21 07.6 -0.4. Includes TORO, Torodi Arr, 76.68 71, P, P, 19 21 58.5 +0.6.

DJA 28 19:41:55.6±0.6, 6.6'S, 3°10'E, h206km, 10km, M3.7/9, mb3.5/4, mb5.1/3, Mv3.8/9, Mw(mb)4.5/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes SAUI, Saumlaki, 2.53 145, P, Op, ISC, 19 42 42.2 +2.0.

ISC 28 19:55:11.3±5.6, 6.04S, 147.24E, h0km, mb3.0/1, mb1 3.4/3, mb1mx3.0/36, mbtmp3.3/3, ML2.3/2, Error ellipse: s-maj=84.9km s-min=43.3km az=93.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes PMG, Port Moresby, 3.35 181, Pn, Pn, 19 56 06.1 +1.4.

ISC 28 20:14:26.1±1.4, 52°96'N, 33°40'W, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.4/61, mbtmp3.7/5, MS3.4/2, M1 3.5/2, ms1mx2.7/40, Error ellipse: s-maj=43.4km s-min=32.8km az=12.0

ISC 28 20:14:27.4±1.2, 53°0'N, 02°33'W, 0.2, h10km, n9, 019267/7, mb3.6/5, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes ESDC, Sonseca Array, 24.09 112, Lf, Lf, 20 26 59.2.

NEIC 28 20:21:08.3±1.3, 2°92'N, s-maj=152.4km s-min=13.2km az=59.0

ISC 28 20:21:08.4±0.8, 2°87'N, 122°42'E, h556km, 9km, mb3.3/22, mb1 3.4/27, mb1mx3.3/45, mbtmp4.3/27, Error ellipse: s-maj=12.5km s-min=7.7km az=79.0

DJA 28 20:19:01.0±0.4, 3°N, 5°12'E, h517km, 4km, M4.3/18, mb4.5/13, mb4.8/12, ML2.1/18, Mw(mb)4.0/12

ISC 28 20:18:20.2±0.3, 2.84N, 0°05'12.33E, 0.06, h552km, n171, c1105/194, mb4.2/59, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes GTOI, Gorontalo, 2.28 164, P, Op, ISC, 20 22 17.3 -2.2.

Table with columns: BATI, 1.4nm, 0.3, baz=288, slow=20, SNR=1.8, 19 24 41.1 +0.8. Includes DRS, Darwin Rock St, 17.37 151, P, P, 19 24 43.9 +1.3.

Table with columns: FITZ, Fitzroy Crossf, 21.05 171, P, P, 20 25 14.2 +0.4. Includes IPM, Iloh, 21.38 275, P, P, 20 25 17.1 +0.3.

Table with columns: IPM, Iloh, 21.38 275, P, P, 20 25 17.1 +0.3. Includes IPM, Iloh, 21.38 275, P, P, 20 25 17.1 +0.3.

Table with columns: WRA, Warramunga Arr, 25.51 153, P, P, 20 25 52.1 -1.3. Includes WRA, Warramunga Arr, 25.51 153, P, P, 20 25 52.1 -1.3.

Table with columns: WRA, Warramunga Arr, 25.51 153, P, P, 20 25 52.1 -1.3. Includes WRA, Warramunga Arr, 25.51 153, P, P, 20 25 52.1 -1.3.

Table with columns: JMM, Marumori, 38.73 24, P, P, 20 27 44.3 -1.0. Includes JMM, Marumori, 38.73 24, P, P, 20 27 44.3 -1.0.

Table with columns: LSA, Lhasa, 39.88 315, P, P, 20 27 56.5 +1.7. Includes LSA, Lhasa, 39.88 315, P, P, 20 27 56.5 +1.7.

Table with columns: RAMM, Ramit, 41.80 308, eP, P, 20 28 11.0 +0.6. Includes RAMM, Ramit, 41.80 308, eP, P, 20 28 11.0 +0.6.

Table with columns: USAOB, Usuriysk Arr, 42.05 10, P, P, 20 28 11.2 -0.6. Includes USAOB, Usuriysk Arr, 42.05 10, P, P, 20 28 11.2 -0.6.

Table with columns: USAOB, Usuriysk Arr, 42.05 10, P, P, 20 28 11.2 -0.6. Includes USAOB, Usuriysk Arr, 42.05 10, P, P, 20 28 11.2 -0.6.

Table with columns: USAOB, Usuriysk Arr, 42.05 10, P, P, 20 28 11.2 -0.6. Includes USAOB, Usuriysk Arr, 42.05 10, P, P, 20 28 11.2 -0.6.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TIKSI, TALAYA, YAKUTSK, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MCKINLEY, ILAR, BCAR, etc.

28d 21h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like FIA1, FINES, FINES Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RLMT Red Lodge, CLL Collim, SCHO Schefferville, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEIC 28 21:45:31.2, 0.9, 19.33N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PDRP comp=E,96m,0.4s, IGRP InterUniversit, etc.

IDC 28 21:59:25.8-1.5, 3.72N, 126.73E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.2/4, mbtmp3.3/4, Error ellipse: s-maj=140.3km s-min=23.3km az=69.0, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONMI Songino Array, etc.

GUC 28 22:13:53.9, 0.7, 23.55S, 68.37W, h125km, 5km, ML3.4 IDC 28 22:13:54.0, 2.5, 23.44S, 68.22W, h134km, 15km, mb3.1/2, mb1 3.3/4, mb1mx3.2/4, mbtmp3.6/4, Error ellipse: s-maj=60.5km s-min=21.8km az=180.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsau, KNTN Kanton, RAR Rarotonga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KODAK Kodiak Island, QSPA South Pole Qui, MOD Modoc Plateau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEA2 Nenana, RIDG Independent Ri, RIDG Independent Ri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC
SJIJ Sorong 6.28 137 0 1 0.1

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S. Includes stations like ARCES, FINES, AKASG, MNK, etc.

DC 28 22:32:45.0-0.7, 3.81N, 126.83E, h0km, mb4.8/25, mb1.4/8/26, mb1mx4.6/47, mbmp4.8/26, ML4.3/1, MS4.1/4, Ms1.4/1.4, ms1mx3.9/11, Error ellipse: s-maj=20.7km s-min=13.8km az=74.0

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S. Includes stations like TINTI, SIJI, TOLIZ, FAKI, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S. Includes stations like ASAR, CMAR, CHTO, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S. Includes stations like AAK, ZAAO, ZALV, etc.

Table with columns: CRPR, IAML, 23 30 35.3, etc. Includes stations like Isla Desecho, St. Maarten, SABA, etc.

IDC 28-23:33:24.81, 3.44; 52N:24:64E, h0km, mb3.3/2, mb1 3.4/4, mb1mx3.2/60, mbmtpp3.3/4, ML2.9/2, Error ellipse: s-maj=48.0km s-min=29.4km az=128.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes stations like SIVA, GVD, MBK, etc.

INET 28-23:47:28.8, 10.26N:86.43W, h15km, MW4.6
IDC 28-23:47:33.0-7.0, 10.69N:86.11W, h0km, mb4.4/18, mb1 4.1/10, mb1mx4.4/11, mbmtpp4.4/19, ML4.1/1, MS4.1/10, MS1 4.1/10, ms1mx3.7/33, Error ellipse: s-maj=24.1km s-min=11.7km az=39.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes stations like SAJU, HZTE, HZAI, etc.

Table with columns: VBMS, IAMB, IAMB, 23 52 38.9, etc. Includes stations like 152A, 146A, 154A, etc.

28d 23h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BLA Blacksburg, T57A Hurt, S44C Carbonate, QUOK Quay, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like GLMI Grayling, ECSD EROS Data Cent, J59A Piesco, GLA Glamis, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BUCC Buck Mountain, H04D Lebanon, F05D White Salmon, ITRB Iturama, etc.

IDC 28 23:55:60.0 ± 1.4, 46.0°08'S; 167.18°E, h0km, mb3.6/3,
mb1 3.9/4, mb1mx3.4/4.1, mbtmp3.7/4, ML3.2/1, MS3.7/1,
Ms1 3.7/1, ms1mx2.8/2.9, Error ellipse: s-maj=59.5km
s-min=35.9km az=5.0
WEL 28 23:56:13.7 ± 1.0, 46.0°08'S; 167.18°E, h57km, 8km, M4.2/9,
ML4.5/9, MLV4.2/9, Error ellipse: s-maj=0.0km
s-min=0.0km az=38.8

ISC 28 23:56:11.7 ± 0.8, 45.875°S; 0.06; 166.94°E; 0.06, h88km, 6km,
n60, c100/64, mb3.5/3, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

PDG 29 00:02:43.7 ± 1.0, 38.74°N; 20.46°E, h0km, 11km, ML3.8/11,
Error ellipse: s-maj=1.2km s-min=1.7km az=0.0
MOS 29 00:02:43.2 ± 1.2, 38.74°N; 20.43°E, h0km, mb4.5/8, Error
ellipse: s-maj=7.7km s-min=5.5km az=84.3
IDC 29 00:02:43.5 ± 0.7, 38.80°N; 20.58°E, h0km, mb4.1/13,

mb1 4.0/24, mb1mx3.8/60, mbtmp3.9/24, ML3.6/10, MS3.8/3,
Ms1 3.8/3, ms1mx3.1/50, Error ellipse: s-maj=13.0km
s-min=12.1km az=161.0
NEIC 29 00:02:44.7 ± 2.0, 38.75°N; 0.05; 20.55°E; 0.05, h5km, 4km,
mb4.3/21, ML3.9(ATH), ML4.2(TH), Error ellipse:
s-maj=7.6km s-min=4.7km az=213.0
THE 29 00:02:44.3, 38.73°N; 20.63°E, h8km, ML4.2/12, Error
ellipse: s-maj=0.9km s-min=0.4km az=108.0
IASPEI 29 00:02:44.3 ± 0.8, 38.73°N; 0.02; 20.64°E; 0.03, h11km, 4km,
mb4.1/24, Error ellipse: s-maj=3.7km s-min=2.4km
az=88.1, GTS selection from ISC bulletin GTS identified by
Bondar and McLaughlin (2009) selection criteria Bondar and
McLaughlin. A new truth data set for seismic
studies, <i>Seism. Res. Lett.</i>, 80:4, 465-472,
2009

ATH 29 00:02:44.5, 38.72°N; 20.65°E, h6km, 1km, ML3.9/22, Error
ellipse: s-maj=1.4km s-min=0.6km az=292.0
ISC 29 00:02:44.7 ± 0.6, 38.73°N; 0.02; 20.62°E; 0.11, h11km, 3km,
n280, c1949/339, mb4.1/24, 14C-7D, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Deva, Moslavina, Kovagottos, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KLMMR, Klimovskoe, Aktubinsk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBD, ISFB, IGHG, etc.

MED_RC 29 00:28:08.0-0.2,38:91N-37:81E, h24km, 1km, MW5.1/31, Moment Tensor Solution...

Table with columns for station name, frequency, power, and other technical details. Includes stations like AMIS, AHWZ, SHK1, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like MALTA, ELBS, COAL, KVAR, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like KARO, MACK, COAL, KVAR, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like GOF, BTLR, GROC, GROC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Sonseca Array, San Pablo, Makanchi, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Lamto, Bodaibo, Lanzhou, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BOSA, Boshof, Sachs Harbour, etc.

DC 29 00:47:48.6: 1.1, 30:62S:70:51W, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.7/20, mbtpr3.7/4, ML3.3/1, MS2.8/1, Ms1 2.7/1, ms1mx2.6/19, Error ellipse: s-maj=55.2km, s-min=28.3km az=93.0, NEIC 29 00:47:50.4: 1.5, 30:32S:03:71.67W:0.06, h27km, 8km, Error ellipse: s-maj=8.5km s-min=2.1km az=112.0 GUC 29 00:47:50.4: 0.6, 30:34S:71:54W, h17km, 2km, ML4.2 ISC 29 00:47:47.1: 1.4, 30:35S:03:71.80W:0.07, h7km, 8km, n49, c1167/0, mb3.9/3, 4C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like Fray Jorge, La Serena, etc.

29d 1h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CO05 La Serena, G004 Tololo Observa, etc.

NEIC 29 01:04:06.2 1.9, 4.03N; 0.05x126.49E; 0.06, h34km, 4km, mb4.4/33, Error ellipse: s-maj=9.3km s-min=7.7km az=99.0

DJA 29 01:04:08.4 0.4, 4 N, 3.3 E, 12.7E, h10km, M4.5/11, mb4.4/5, mb4.9/4, MLV4.6/1.1, Mw(M3)4.2/3

IDC 29 01:04:10.5 2.9, 4.02N; 1.53E, h75km, 27km, mb3.8/17, mb1.4/0.18, mb1mx3.743, mbtmp4.2/18, Error ellipse: s-maj=31.9km s-min=11.0km az=75.0

ISC 29 01:04:09.0 4.0, 4.08N; 0.05x126.60E; 0.07, h45km, n78, i=147/127, mb4.4/31, Talaud Islands

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SGGSI Sangihe, DAV Davao City (W), etc.

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Main table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like EIDS Eidsvold, ZLH Lanzhou, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WB2 Warramunga Arr, IPM Ipoh, etc.

ISK 29 01:07:19.2, 38.79N; 37.85E, h7km, ML2.3/4 DDA 29 01:07:19.2, 38.83N; 37.80E, h7km, 4km, ML2.1, Turkey

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like HEKM Malatya_Hekim, HEKM Malatya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN kangal_SIVAS, KEMA Kemaliye, MALT Malatya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

ISK 29 01:46:19.5, 38.83N, 37.84E, h3km, ML3.4/20
DDA 29 01:46:19.5, 38.86N, 37.84E, h18km, MW3.8
ISC 29 01:46:20.0, 8.38, 38.84N, 0.02, 37.86E, 0.02, h14km, 6km, n45, c1501/62, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HEKM Malatya_Hekimh, DARE Darende-Malatya, ARPR Arapgir-MALATY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN kangal_SIVAS, KEMA Kemaliye, MALT Malatya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN kangal_SIVAS, KEMA Kemaliye, MALT Malatya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN kangal_SIVAS, KEMA Kemaliye, MALT Malatya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN kangal_SIVAS, KEMA Kemaliye, MALT Malatya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN kangal_SIVAS, KEMA Kemaliye, MALT Malatya, etc.

Table with columns: YEDI, Yedisu-Bingol, BNGB Bingli, MAZI Mazidag, CEYR Ceyhan, CMRD Camardi-Nigde, KARA Karaisalı. Includes time and res values.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGSI Sangihe, DAV Davao City (W), DAV Davao City (E), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), DAV Davao City (E), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APSI Ampapa, MPSI Mapaga, MYLMD Lahad Datu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMU Guam, LEM Lembang, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WBO Warramunga Arr, WRAB Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WBS2 Warramunga Arr, WRO Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WBS2 Warramunga Arr, WRO Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WBS2 Warramunga Arr, WRO Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, PRZ Przewalski, PRZ Przewalski, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRK Kurchatov, NRK Kurchatov, NRK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRK Kurchatov, NRK Kurchatov, NRK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRK Kurchatov, NRK Kurchatov, NRK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRK Kurchatov, NRK Kurchatov, NRK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRK Kurchatov, NRK Kurchatov, NRK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRK Kurchatov, NRK Kurchatov, NRK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRK Kurchatov, NRK Kurchatov, NRK Kurchatov, etc.

Table with columns for YOA, Smax, and various station identifiers (e.g., SVKR, KMO, UKT) and their associated frequencies and signal strengths.

Table with columns for TUP, Smax, and various station identifiers (e.g., Tyrgan, Ulan-Yde, Fofonovo) and their associated frequencies and signal strengths.

Table with columns for SONM, Pn, and various station identifiers (e.g., Songino Array, Yakutsk, Kul'dur) and their associated frequencies and signal strengths.

29d 5h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ESDC Sonseca Array, BMO Blue Mountains, PDAR Pinedale Array, WRA Warrungarra Arr, ASAR Alice Springs, TORO Torodi Arr, etc.

NEIC 29 03:40:18.8±2.7, 19:64N±0.04:70:77W±0.05, h28km, 6km, mb4.0/12, Error ellipse: s-maj=7.3km s-min=4.5km az=64.0

OSPL 29 03:40:19.2±1.8, 19:67N±0.72W, h10km±10km, ML3.7, ISC 29 03:40:16.9±0.6, 19:71N±0.04:70:74W±0.04, h10km, n56, r152/59, Dominican Republic region

Main table for 29d 5h section, listing seismic stations and their parameters. Includes stations like SC01 Santiago de lo, LONA1 Toro Cenizo, SDDR Presa de Sabán, etc.

ISC 29 03:58:52.4±0.9, 45:14N±28:18W, h0km, mb3.7/12, mb1.3/1.3, mb1mx3.6/6.5, mbtmp3.7/13, ML3.6/1, MS3.7/16, Ms1.3/7.16, ms1mx3.4/4.8, Error ellipse: s-maj=27.6km s-min=19.4km az=29.0

ISC 29 03:58:54.5±0.9, 45:11N±02:28'20"W±0.1, h14km, n26, r087/15, mb3.7/12, MS3.6/15, Northern Mid-Atlantic Ridge

Table for 29d 5h section, listing seismic stations and their parameters. Includes stations like ESDC Sonseca Array, DAVOX Davos/Dischmat, SCHQ Schefferville, etc.

2015 NOV

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ROSC El Rosal, BVAR Borovoye Array, TXAR Lajitas Array, etc.

ISC 29 04:09:48.2±3.3, 11:118S±162:64E, h56km±27km, mb3.3/5, mb1.3/6.7, mb1mx3.4/3.7, mbtmp3.7/7, ML3.9/2, Error ellipse: s-maj=32.3km s-min=19.3km az=58.0

ISC 29 04:09:47.5±1.1, 11:11S±0:162:7E±0.2, h46km, n13, r146/8, mb3.5/5, Bougainville-Solomon Islands region

Table for 2015 NOV section, listing seismic stations and their parameters. Includes stations like HNR Honiara, DZM Mont Dzumac, WRA Warrungarra Arr, etc.

ISC 29 04:25:45.5±3.0, 0:87S±99:99E, h90km±35km, mb3.3/5, mb1.3/4.7, mb1mx3.2/4.4, mbtmp3.6/7, Error ellipse: s-maj=13.4km s-min=18.2km az=57.0

DJA 29 05:25:46.2±0.3, 1:3±3:1±10:0E±, h65km±5km, M3.9/12, mb4.2/1, mb5.3/2, MLV3.7/12, Mw(mb)4.7/2, ISC 29 05:25:45.7±0.8, 0:78S±0:06:100:09E±0.06, h100km, n18, r156/21, mb3.5/5, Southern Sumatra

Table for 2015 NOV section, listing seismic stations and their parameters. Includes stations like PDSI Padang, PDI Padang Panjang, BKKI Bangkinang, etc.

ISC 29 04:36:39.2±1.7, 2:23S±138:96E, h0km, mb3.2/2, mb1.3/6.3, mb1mx3.3/3.3, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=31.0km s-min=24.9km az=2.0, Irian Jaya

Table for 2015 NOV section, listing seismic stations and their parameters. Includes stations like JAY Jayapura, WRA Warrungarra Arr, ASAR Alice Springs, etc.

MAN 29 04:42:34.0±6.2, 99N±125:93E, h28km, mb4.2, ML3.0, MS2.6, Mindanao

Table for 2015 NOV section, listing seismic stations and their parameters. Includes stations like NNC 29 04:43:24.6±9.1, 37:16N±69:31E, h0km, mb3.7, mpv3.4, 2C-3D, Error ellipse: s-maj=73.7km s-min=63.4km az=30.0, Afghanistan-Tajikistan border region

Table for 2015 NOV section, listing seismic stations and their parameters. Includes stations like PMG Fort Moresby, WRA Warrungarra Arr, ASAR Alice Springs, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DCZ Deep Cove, DCZ Mavora Lakes, MSZ Milford Sound, etc.

ATH 29 05:14:08.3±9.9, 6N±23:64E, h7km±2km, ML1.9/6, Error ellipse: s-maj=2.9km s-min=0.9km az=132.0, Aegean Sea

Table for 1784 section, listing seismic stations and their parameters. Includes stations like PAIG Paliouri, PAIG comp=N,49196µm, 0.1s, PLG Polygyros, etc.

THE 29 05:15:06.8±38.4, 8N±20:45E, h12km±1km, ML1.7/4, Error ellipse: s-maj=2.0km s-min=0.5km az=106.0, Greece

Table for 1784 section, listing seismic stations and their parameters. Includes stations like FSK Fiskardo, EVGI Lefkada island, KEF4 Livadi, etc.

ISC 29 05:18:47.5±6.1, 23:90N±108:73W, h0km, mb3.7/2, mb1.4/0.5, mb1mx3.7/4.0, mbtmp3.7/5, ML3.7/3, MS3.4/16, Ms1.3/4.16, ms1mx3.2/3.8, Error ellipse: s-maj=111.3km s-min=26.7km az=146.0

Table for 1784 section, listing seismic stations and their parameters. Includes stations like KEF3 Kipouria, KEF3 Valsamata, VLS Valsamata, etc.

MEX 29 05:18:53.0±1.0, 24:34N±109:13W, h10km, MD4.2, ISC 29 05:18:52.1±0.8, 24:08N±109:109:12W±0.05, h22km, n117, r125/101, mb4.3/10, MS3.3/10, Gulf of California

Table for 1784 section, listing seismic stations and their parameters. Includes stations like SLBS Sierra La Lagu, SLBS Sierra La Lagu, LPIG La Paz, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LENM Lemitar, BNM Barren Site, X18A Snowflake, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like INK Inuvik, ILAR Eielson Array, H03N2 Juan Fernandez, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SBZ Shahbuz, SBZ IGDIR, SBZ IGDIR, etc.

Strait, New Zealand
WEL 29 07:11:06.5,0.8,40.9'S,173.33'E, h162km,7km, M2.8/13,
ML2.8/13, MLv2.8/13, Error ellipse: s-maj=0.0km
s-min=0.0km az=93.5, Cook Strait

DJA 29 07:15:59.0,0.5,1.9'N,9.12'E, h10km, M2.5/4, MLv2.5/4,
Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like DUWZ, QRTZ, NNEZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MRSI, GTOI, etc.

DJA 29 07:16:47.4,0.4,4'S,4.12'E, h10km, M4.2/10, mb4.5/5,
mB4.9/2, MLv4.0/10, Mw(mB)4.2/2

IDD 29 07:16:50.9,2.3,3.56S:126.79E, h57km,24km, mb3.6/4,
mb1.3/9.8, mb1mx3.4/37, mbmtpp4.0/6, ML3.9/4, Error
ellipse: s-maj=18.9km s-min=14.6km az=96.0

ISC 29 07:16:49.3,0.8,3.58S:0.06:126.71E:0.06, h35km, n22,
r193/23, mb3.9/4, Buru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AAI, SNI, SWI, etc.

IDD 29 07:22:52.7,2.7,6.22S:130.10E, h124km,31km, mb3.6/2,
mb1.3/7.6, mb1mx3.2/36, mbmtpp4.0/6, Error ellipse:
s-maj=53.5km s-min=17.9km az=81.0

ISC 29 07:22:50.5,0.9,6.22S:0.07:130.1E:0.12, h100km, n6,
r327/18, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SUI, FITZ, WRA, etc.

NEIC 29 07:34:17.6,2.0,15.78S:0.10:175.28W:0.09,
h303km,5km, mb4.4/80, Error ellipse: s-maj=14.7km
s-min=12.2km az=155.0

IDD 29 07:34:17.6,1.7,15.77S:175.28W, h309km, 16km,
mb3.9/14, mb1.4/1.8, mb1mx3.9/38, mbmtpp4.5/16, Error
ellipse: s-maj=17.3km s-min=11.1km az=132.0

NOU 29 07:34:18.4,15.82S:175.08W, h334km, mb4.5/26, Tonga
Islands

ISC 29 07:34:16.8,0.3,15.81S:0.07:175.29W:0.06, h300km,
n198, r06/189, mb4.4/64, 7C-17D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AFI, DGTI, NIUE, etc.

TAU Tasmania Unive 41.79 222 P P 07 41 37.5 -0.1

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations like STKA, HTT, OOD, etc.

KRSC 29 07:15:48.2,2.1,51.01N:160.43E, h81km,25km, ML3.7,
Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KDTR, RUS, MTRV, etc.

29d 8h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists various stations like DAWY Dawson, SDCO Great Sand Dun, BJL Beijing, etc.

JMA 29 07:37:12.5, 35.94N, 136.33E, h6km±1km, M2.9, Western Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like KJG Kaga, JYTA Yamagatatanai, etc.

JMA 29 07:38:31.9, 0.1, 38.32N, 141.86E, h47km±1km, M4.1

Broadband fault plane solution: P waves. NP1: 0.194, 0.0000, 0.20, 0.0000, 1.84, 0.0000. NP2: 0.20, 0.0000, 0.87, 0.0000, 1.92, 0.0000. Principal axes: T: P1g65.0000, Azm293.0000; N: P1g2.0000; Azm199.0000; P1g25.0000; Azm108.0000.

JMA 29 07:38:32.0, 38.32N, 141.86E, h47km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

Mn: 0.77, Mw: 0.10; Ms: 0.68; Mo: 0.02; Mw: 0.10; Mw: 0.78. Fault plane solution: Mo: 1.1000x10^15 NP1: 0.8, 0.0000, 0.68, 0.0000, 1.78, 0.0000. NP2: 0.217, 0.0000, 0.825, 0.0000, 1.17, 0.0000.

NEIC 29 07:38:32.5, 1.3, 38.33N, 0.06, 141.9E, 0.1, h49km, 5km, mb4.4/18 Error ellipse: s-maj=13.3km s-min=7.8km az=117.0

ICD 29 07:38:33.0, 0.6, 38.31N, 141.97E, h60km±3km, mb3.7/18, mb1.3/0.23, mb1mx3.8/40, mbtmp4.0/23, MS3.0/6, Ms1.3/0.6, ms1mx2.8/43, Error ellipse: s-maj=15.4km s-min=12.3km az=99.0

ISC 29 07:38:31.9, 0.5, 38.28N, 0.04, 141.94E, 0.1, h49km, 4km, h49km±P-P, n101, f111/109, mb4.3/30, 13D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like JIKH Ishinomakiobu, JIO Ouri, etc.

2015 NOV

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like JIO Kesennunamotoy, JIKM JKMT, etc.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like AKASG Main Array Be, AKASG, etc.

ICD 29 07:53:46.1, 3.6, 34.75N, 22.25E, h0km, mb3.9/3, mb1.3/8.4, mb1mx3.5/33, mbtmp3.7/4, ML2.8/1, Error ellipse: s-maj=67.7km s-min=31.5km az=12.0 THE 29 07:53:58.9, 35.09N, 23.08E, h7km±2km, ML3.1/4, Error ellipse: s-maj=3.2km s-min=1.3km az=73.0 ATH 29 07:53:58.3, 35.09N, 23.01E, h13km±9km, ML3.1/2, Error ellipse: s-maj=19.0km s-min=2.0km az=263.0 ISC 29 07:53:59.5, 2.8, 35.11N, 0.1, 23.1E, 0.2, h61km±15km, n16, c117/21, mb4.0/3, Crete

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like ANKY Antikythira Is, ANKY, etc.

NIED 29 08:10:43.3, 31.30N, 128.59E, h8km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

Mn: 2.92, Mw: 0.40; Ms: 3.32; Mo: 1.24; Mw: 5.97; Mw: 2.52. Fault plane solution: Mo: 7.22000x10^14 NP1: 0.358, 0.0000, 0.71, 0.0000, 1.148, 0.0000. NP2: 0.256, 0.0000, 0.60, 0.0000, 1.22, 0.0000.

JMA 29 08:10:43.2, 0.3, 31.30N, 128.59E, h8km±3km, M3.6, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like JSU Shikoshiki, JSU, etc.

KRNET 29 08:15:58.1, 0.1, 39.59N, 74.32E, h14km, mb3.3, NNC 29 08:16:04.4, 1.8, 39.97N, 74.34E, h9km±3km, mpv3.3, Error ellipse: s-maj=14.6km s-min=6.9km az=169.0

SOME 29 08:16:03.0, 4.0, 39.59N, 74.57E, h5km, ISC 29 08:15:58.8, 1.6, 39.53N, 0.06, 74.19E, 0.03, h2km±12km, n48, c105/82, 31C-12D, Southern Xijiang

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like SFK Sufi-Kurgan, SALK Salom-Alik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAKAK Makarska, DIVS Divibare, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NAO01, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLAI Plampang, FITZ Fitzroy Crossi, etc.

29d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TORO, ERD, SONSEA, etc.

Code Station Name Azimuth Phase ID Time Res
DZM Mont Dzumac 7.60 175 Op Pn 11 58 00.8 +0.3

IDC 29 11:56:08.9:14.0, 14.46S:-165.78E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.4/5.1, mbtmp3.7/4, ML3.1/1, Error ellipse: s-maj=251.3km s-min=39.0km az=57.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08S1, H08S2, etc.

IDC 29 12:00:33.9:4.2, 17.20S:-66.40E, h0km, mb4.0/6, mb1 4.2/6, mb1mx3.6/6.3, mbtmp4.0/6, MS3.6/5, Ms1 3.6/5, ms1mx3.1/4.6, Error ellipse: s-maj=118.1km s-min=30.1km az=61.0, Mauritius-Reunion region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08S1, H08S2, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTZ, Ruatahuna, RTZ, etc.

IDC 29 12:13:45.8:2.1, 6.26S:-129.90E, h140km, 28km, mb3.0/1, mb1 3.4/6, mb1mx3.1/4.2, mbtmp4.0/6, Error ellipse: s-maj=39.8km s-min=20.3km az=96.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIJ, Sorong, SIJ, etc.

MAN 29 12:29:40.0, 13.74N:-120.72E, h18km, mb4.1, ML2.8, MS2.5, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA, NIED, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKC, Kuchinoerabu, etc.

IDC 29 12:40:47.6:3.0, 7.11S:-129.11E, h136km, 43km, mb3.0/1, mb1 3.2/5, mb1mx2.8/3.5, mbtmp3.5/5, Error ellipse: s-maj=70.8km s-min=21.5km az=91.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIJ, Sorong, SIJ, etc.

IASPEI 29 12:58:40.9:0.8, 38.71N:0.02:20.62E:0.03, h9km, 4km, Error ellipse: s-maj=4.2km s-min=2.7km az=102.6, GT5 selection from ISC bulletin GT5 identified by Bondar and McLaughlin (2009) selected criteria Bondar and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

THE 29 12:58:41.3, 38.72N:20.61E, h8km, 1km, ML3.5/11, Error ellipse: s-maj=1.1km s-min=0.7km az=83.0

ATH 29 12:58:41.5, 38.71N:20.63E, h7km, 1km, ML3.3/18, Error ellipse: s-maj=1.5km s-min=0.6km az=290.0

ISC 29 12:58:40.8:0.8, 38.72N:0.02:20.61E:0.03, h10km, 4km, n66, 0:59:91.1, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DRAG, Dragano-Lefkad, etc.

Table with columns: IGT, comp=N, 2642um, 0.3s, AML, AML, 12 59 14.6, etc. Includes stations like VTN, RLS, RLS, RLS, etc.

13 29 13:24:00.5-1.9, 15'46Sx175.26W, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.4/37, mbtmp3.7/4, ML4.0/1, Error ellipse: s-maj=197.5km s-min=30.5km az=157.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I, S, C. Includes stations like AFI, AFI, STKA, WRA, ASAR, etc.

13 29 13:31:40.2 1.8, 10.99Sx124.65E, h0km, mb3.4/1, mb1 3.5/4, mb1mx3.1/34, mbtmp3.3/4, ML3.3/3, Error ellipse: s-maj=77.3km s-min=21.4km az=53.0, DJA 29 13:31:45.7-0.4, 11.5'S, 9.12'E, h85km, 18km, M3.7/7, mb3.8/4, MLV3.7/7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I, S, C. Includes stations like BATI, BATI, BATI, SOE, SOE, EDFI, WBSI, PLAII, FITZ, FITZ, FITZ, WTI, WRA, WRA, ASAR, ASAR, MKAR, etc.

JMA 29 13:42:52.8-0.3, 35.44N, 137.14E, h301km, 3km, M2.8, IDC 29 13:42:53.7-1.4, 35.89N, 138.16E, h328km, 12km, mb2.8/3, mb1 3.0/4, mb1mx2.5/56, mbtmp3.5/4, Error ellipse:

s-maj=49.0km s-min=19.0km az=57.0, ISC 29 13:42:53.2-1.3, 35.55N, 0.1137.00E, 0.09, h300km, n15, o=544/16, mb2.9/3, Western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I, S, C. Includes stations like JYTA, JYTA, JGF, JGF, JYTA, JYTA, etc.

IDC 29 13:53:45.7-2.0, 8.28S, 125.64E, h0km, mb3.1/1, mb1 3.4/5, mb1mx3.1/39, mbtmp3.3/5, ML3.1/4, Error ellipse: s-maj=49.6km s-min=28.9km az=74.0, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I, S, C. Includes stations like BATI, BATI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR, etc.

TAP 29 14:04:35.7, 23.18N, 121.04E, h16km, ML1.1, A, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I, S, C. Includes stations like ELDTW, ELDTW, FULB, FULB, STYH, STYH, LONT, LONT, EYUL, EYUL, CHKT, CHKT, EDH, EDH, YUS, YUS, YULB, YULB, TWG, TWG, TWGBT, TWGBT, TPUB, TPUB, ALS, ALS, WTP, WTP, WTP, WTP, EHY, EHY, EHY, EHY, TTN, TTN, CHN4, CHN4, CHN1, CHN1, HGSD, HGSD, TWK, TWK, TWK, TWK, CHN5, CHN5, CHNS, CHNS, ECL, ECL, etc.

NEIC 29 14:28:43.1-2.5, 19.50N, 0.09-65.50W, h36km, 44km, Error ellipse: s-maj=13.0km s-min=7.2km az=188.0, RSPR 29 14:28:43.5, 19.55N, 65.48W, h63km, 11km, MD3.4/8, ISC 29 14:28:39.6-1.9, 19.57N, 0.09-65.45W, 0.05, h16km, n46, o=555/46, 9C-40, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I, S, C. Includes stations like CUPR, CUPR, CUPR, CUPR, CUPR, CUPR, etc.

Table with columns: STVI, Saint Thomas, 1.30 159, Pn, 14 29 03.4 +0.3, etc. Includes stations like STVI, STVI, STVI, STVI, STVI, STVI, etc.

IDC 29 14:42:25.2-2.0, 5.33S, 145.71E, h66km, 18km, mb3.8/12, mb1 4.0/16, mb1mx3.8/30, mbtmp4.2/16, MS3.1/2, MS1 3.0/2, ms1mx2.7/21, Error ellipse: s-maj=19.6km s-min=10.9km az=60.0, NEIC 29 14:42:27.2-2.0, 5.40S, 0.03-145.66E, 0.08, h79km, 7km, az=85.0, DJA 29 14:42:29.3-0.4, 6.5'S, 3.14'E, h91km, 6km, M4.5/20, mb5.2/5, mb4.5/20, MLV4.4/5, Mv(m)B.4/6.5, ISC 29 14:42:27.4-0.4, 5.45S, 0.05-145.61E, 0.06, h86km, n109, o=1523/11, mb4.7/45, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I, S, C. Includes stations like MANU, MANU, PMG, PMG, PMG, PMG, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like COEN Coen, WRA Warramunga Arr, WR0 Warramunga Arr, AS31 Alice Springs, etc.

GUC 29 16:12:17.2-0.8,27.74S,69.34W,h92km,14km,ML3.8, 1C-2D, Northern Chile

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like GO03 Copiap, AC02 Maricunga, VCA Vinchina, etc.

PGC 29 16:18:22.7-3.4,49.39N,129.75W,h10km,ML3.1/35, ML3Sn3.2/33,Mw3.8/33,221km Wsw of Pt. Hardy, BC Vancouver Island, Canada Region

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like BPBC Brooks Peninsula, ACB4 ACB4, LCO Las Campanas, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like SPLB Strathcona Par, BTB Butte Lake, OZB Mount Ozzard, etc.

PGC 29 16:20:53.0-0.5,66.04N,120.37W,h5km,ML3Sn2.1/0, Mw3.9/10,23km south of Fort St. John, BC British Columbia, Canada, British Columbia

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like BMBC Bull Mountain, NB05 Northern BC 5, FSB Fort St James, etc.

PGC 29 16:20:53.0-0.5,66.04N,120.37W,h5km,ML3Sn2.1/0, Mw3.9/10,23km south of Fort St. John, BC British Columbia, Canada, British Columbia

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like BMBC Bull Mountain, NB05 Northern BC 5, FSB Fort St James, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like KITB Kifimat, SLEB Sale Mountain, EDM Edmonton, etc.

INET 29 16:45:13.8,9.59N,84.80W,h15km,MD1.9,ML3.5, Costa Rica

NEIC 29 16:46:11.7,2.8,18.53N,0.05,70.48W,0.02,h10km,2km, ML4,1/29,Error ellipse: s-maj=7.7km s-min=3.1km

OSPL 29 16:46:13.0,2.1,18.44N,0.70,45W,h7km,12km,ML3.9, ISC 29 16:46:11.7,1.1,18.46N,0.04,70.47W,0.03,h9km,10km, s-maj=10.0km, s-min=3.1km

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like LOSC1 San Cristobal, SDD Santo Domingo, SDD Santo Domingo, etc.

WEL 29 17:01:54.6,2.2,39.5S,87.15E,22.0,h5km,10km,MO.6/3, ML1.2/5,MLV.0/5,Error ellipse: s-maj=0.0km s-min=0.0km az=81.5, North Island

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like TWZ Taurewa, FWZ Far West T-bar, TRVZ Tarua, etc.

WEL 29 17:02:03.0,5.4,30.3S,177.6E,21.0,h37km,6km,M2.0/10, ML2.3/13,MLV.2/10,Error ellipse: s-maj=0.0km s-min=0.0km az=98.7, North Island

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like WPHZ Waipukurau, DVHZ Dannevirke, TSZ Takapari Road, etc.

29d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KWHZ Kaweka Forest, MCHZ McNeill Hill, etc.

MAN 29 17:26:40.0, 13:54N, 119:61E, h20km, mb3.8, ML2.6, MS2.1, Philippine Islands region

ISK 29 17:34:34.5, 38:84N, 37:83E, h5km, ML3.6/20, IDC 29 17:34:35.1, 2.4, 38:86N, 37:82E, h0km, mb2.3, 7/3, mb1 3.6/5, mb1mx2.4/27, mbtrmp3.5/5, ML2.6/2, MS2.7/2, ms1 2.7/2, ms1mx2.4/43, Error ellipse: s-maj=47.4km s-min=13.9km az=172.0

DDA 29 17:34:35.2, 38:86N, 37:83E, h16km, MW3.9, ISC 29 17:34:35.8, 0.8, 38:85N, 0:02, 37:84E, 0:02, h11km, g6km, m66, c125/88, mb3.8/3, Turkey

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HEKM Malatya_Hekimh, DARE Darende-Malaty, etc.

ATH 29 17:54:11.6, 34:55N, 26:52E, h16km, 9km, ML3.0/1, Error ellipse: s-maj=13.6km s-min=2.3km az=60.0, DDA 29 17:54:13.0, 34:53N, 26:35E, h15km, 553km, ML2.4, ISC 29 17:54:11.2, 2.0, 34:6N, 0:1, 26:52E, 0:06, h10km, n13, c28/17/16, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZKR Zakros, NPS Neapolis, etc.

2015 NOV

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IMMV Iera Moni Meta, DAT Datica, etc.

DJA 29 18:26:18.9, 0:5, 7:5, 4:1, 13:0E, h192km, 11km, M3.9/7, mB4.5/2, mb3.8/7, MLV3.9/6, Mw(mB)3.7/2, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI FAKI, SOEI Soe, etc.

JMA 29 18:29:47.5, 24:68N, 122:33E, h41km, 2km, M2.7, TAP 29 18:29:48.2, 24:69N, 122:31E, h6km, ML3.4, D, ISC 29 18:29:46.8, 1.0, 24:73N, 0:02, 122:36E, 0:02, h12km, 8km, n101, c19/04/172, 1C, Taiwan region

Main station list table for 2015 NOV with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS baz=302, EGS baz=302, TWB1 Santiaog Chiao, etc.

1798

Main station list table for 1798 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ETLH baz=233, HWA Hwallin, HWA baz=217, etc.

29d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TRCB Terra Rica, MT05 Renca, and various local and national stations.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like HELC Santa Helena, USHA Ushuaia, PAMCO Pamplona, and various international and national stations.

1800

Table with columns for station name, frequency, power, and other technical details. Includes stations like GOGA Godfrey, GOGA Godfrey, X58A Rowland, and various international and national stations.

1801

Table with columns: Station ID, Name, Frequency, Class, Mode, Time, and other parameters. Includes stations like Shelbville, Mont Chateau, W39A Magaziny, etc.

2015 NOV

Table with columns: Station ID, Name, Frequency, Class, Mode, Time, and other parameters. Includes stations like Weston, M55A Ridgway, O49A Covington, etc.

29d 18h

Table with columns: Station ID, Name, Frequency, Class, Mode, Time, and other parameters. Includes stations like Y22D IRIS PASCALL I, I45A Fountain, etc.

29d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Kashi, SATY, SATY PRZ, etc.

2015 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Liwa, BLSI, BLSI Bandar Lampung, etc.

1804

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SNY, KSRs, KSRs, etc.

29d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like K02D Willamet Mer, NEW Newport, G05D Wamic, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KULM Kulim, TOLIZ Tolut, KSM Kuching, etc.

1806

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ 0.2nm,0.3s, baz=149, slow=13, SNR=1.8, etc.

30d Oh

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res. Includes stations like WRA Warramunga Arr, WRA Alice Springs, ASAR Alice Springs, ESDC Sonseca Array.

VAO 29 23:48:12.8 0.0, 5.2, 22:775:68.71W, h122km, mb4.3
NEIC 29 23:48:13.7 2.3, 22:855:03.68W, 0.10, 1.0, h115km, 12km, Error ellipse: s-maj=13.8km s-min=2.3km

IDD 29 23:48:13.8 0.0, 4.2, 22:675:68.59W, h104km, 3km, mb3.8/10, mb1 3.9/13, mb1mx3.8/23, mbtmp4.1/13, Error ellipse: s-maj=17.8km s-min=12.6km az=12.0

GUC 29 23:48:14.0 0.0, 8.2, 22:825:68.49W, h104km, 5km, ML4.2
ISC 29 23:48:13.5 0.0, 5.2, 22:845:04.68W, 53W, 0.05, h108km, 4km, n120, s1904/138, mb2.9, 7C-1D, Northern Chile

Main table for 30d Oh section, listing station codes (LVC, LVC, LVC, etc.), station names (Limon Verde, IPOC Station P, etc.), and various parameters like Az, Phase ID, Op, Time, Res.

2015 NOV

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res. Includes stations like SNDB Serra Nova Dou, VAO Valinhos, NPGBO Novo Progresso, BDFB Brasilia.

MACA Manacapuru-AM, MACA Manacapuru-AM, MACA Manacapuru-AM, PEKB PEKB, BSCB Bom Sucesso, ITTB Itaituba, PTGA Pitinga

DIAM Diamantina, MG, JANB Januaria, SMTB Santa Maria do, PRPB Parauapebas, SDBA SAO DESIDERIO, MALB Monte Alegre, BSFB Barra de Sao F, BOAV Boa Vista

MCPB Macapa, AP, GUA01 Guaratinga, BA, GDU01 Guandu, BA, VNAJ Neumayer Olymp, VNAZ Neumayer-Watz, TORO Torodi Ar, BZ

TORD Torodi Ar, BZ, BOSA Boshof, DXBR Dimbokro, PDAR Pinedale Array, ULM Lac du Bonnet, TORO Torodi Ar, BZ

YKA Yellowknife Ar, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

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ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array

1810

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res. Includes stations like FAKI Fak Fak, BBOO Buckleboe, NNZ Nelson, SNZO South Karori, ILAR Eielson Array.

JMA 30 00:55:26.8 0.1, 23:37N:122:05E, h32km, M3.0
TAP 30 00:55:26.9 2.3, 38N:122:04E, h32km, ML3.5, C
ISC 30 00:55:26.1 1.0, 23:37N:122:05E, h30km, 10km, n125, s0875/197, Taiwan region

Code Station Name Az Phase ID Op Time Res

Main table for 1810 section, listing station codes (ECBN, ECBN, TEGC, etc.), station names (Changbin, Jichi Village, etc.), and various parameters like Az, Phase ID, Op, Time, Res.

30 2h

Table with columns: STA, Reutte, 18.69 319 eP, P, 01 08 55.0+0.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 30 01:12:13.0e.1.1.5.92N:127.10E, h0km, mb4.4/7, mb1 4.5/7, mb1mx3.9/38, mbtmp4.7/7, MS2.6/2, Ms1 2.8/2, ms1mx2.4/43, Error ellipse: s-maj=60.5km s-min=15.0km az=62.0

MAN 30 01:12:20.5, 5.76N:126.51E, h1km, mb4.6, ML3.5, MS3.3 NEIC 30 01:12:23.0, 1.8, 5.61N:109.126.5E:0.2, h67km, 6km, mb4.3/15, Error ellipse: s-maj=24.0km s-min=12.7km az=78.0

ISC 30 01:12:23.0, 5.8, 5.8N:0.1, 126.8E:0.2, h83km, n34, s092/31, mb4.2/16, Mindanao

Main table for station data in the first column, including codes like DAV, WRA, WRM, etc.

GUC 30 01:14:06.2, 0.8, 35.04S:70.61W, h14km, 3km, ML3.3 SJA 30 01:14:06.0, 35.13S:70.76W, h10km, ML4.0

ISC 01:14:05.8, 1.35, 0.85S:0.04, 70.67W:0.04, h11km, 9gkm, n27, r102/41, 10C-1D, Chile-Argentina border region

Main table for station data in the second column, including codes like BO02, G005, etc.

2015 NOV

Table with columns: MT02, Curacav, 1.86 348 i/P, Pn, 01 14 38.1+0.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

JMA 30 01:39:41.7, 0.2, 31.36N:128.69E, h14km, 2km, ML4.2 NIED 30 01:39:41.7, 31.36N:128.69E, h14km, MW4.2, Moment Tensor Solution, s3, Moment tensor: Scale 10^15Nm

ISC 30 01:39:42.1, 1.1, 31.22N:128.43E, h0km, mb3.5/5, mb1 3.7/8, mb1mx3.6/43, mbtmp3.6/8, ML3.72, MS3.6/13, Ms1 3.6/13, ms1mx3.3/33, Error ellipse: s-maj=30.3km s-min=18.2km az=87.0

ISC 30 01:39:42.5, 0.8, 31.34N:0.05, 128.83E:0.06, h10km, n26, s1943/22, mb3.6/5, MS3.6/10, 1C, Northwest of Ryukyu Islands

Main table for station data in the third column, including codes like JSJ, JFU, JSU, etc.

IDC 30 02:31:19.12, 0.6, 82N:94.06E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/50, mbtmp3.8/7, Error ellipse: s-maj=27.7, 1km s-min=7.5km az=132.0

NEIC 30 02:31:22.4, 2.0, 7.03N:0.07S:94.1E:0.1, h16km, 6km, mb4.1/4, Error ellipse: s-maj=21.7km s-min=9.5km az=74.0

ISC 30 02:31:22.9, 0.9, 7.0N:0.1, 94.5E:0.1, h26km, n21, s116/18, mb3.8/9, Nicobar Islands region

Main table for station data in the fourth column, including codes like LHMI, SRIT, KULM, etc.

IDC 30 02:31:43.6, 6.1, 23.17S:179.97E, h497km, 42km, mb3.0/2, mb1 3.3/2, mb1mx2.9/34, mbtmp3.9/2, Error ellipse: s-maj=178.0km s-min=45.8km az=157.0, South of Fiji Islands

Main table for station data in the fifth column, including codes like OKC, MORC, etc.

1812

Table with columns: WRA, 0.6nm, 1.0s, baz=94, slow=3.9, SNR=4.6, ScP, ScP, 02 43 38.9 -0.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 30 02:41:46.9, 2.5, 46.48N:152.56E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.6/47, mbtmp3.8/8, ML2.21, Error ellipse: s-maj=65.8km s-min=28.4km az=179.0

MOS 30 02:41:56.3, 1.4, 47.07N:152.64E, h59km, mb4.3/5, Error ellipse: s-maj=25.8km s-min=11.3km az=76.8 NEIC 30 02:41:57.2, 0.7, 46.9N:0.1, 152.7E:0.2, h59km, 6km, mb4.2/14, Error ellipse: s-maj=22.4km s-min=16.7km az=148.0

SKHL 30 02:41:58.5, 0.8, 47.40N:152.50E, h72km, 2km, mb4.5/3 ISC 30 02:41:57.8, 1.0, 47.1N:0.1, 152.8E:0.1, h56km, n53, s1940/47, mb3.9/13, Kuril Islands

Main table for station data in the sixth column, including codes like KUR, SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LANS Liptovska Anna, VRAC Zalesovo Beam, etc.

IDC 30 03:16:44.8±2.7, 19.925x178.09W, h611km, 20km, mb2.9/4, mb1 3.2/5, mb1mx2.9/23, mbtmp3.9/5, Error ellipse: s-maj=67.5km s-min=18.2km az=150.0, NEIC 30 03:16:46.0±0.9, 19.9S, 0.2x178.3W±0.1, h597km, 16km, mb4.1/12, Error ellipse: s-maj=26.3km s-min=15.2km az=140.0

ISC 30 03:16:44.8±0.9, 19.8S:0.1x178.2W±0.1, h600km, n24, r1523/26, mb3.7/9, Fiji Islands Region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MSVF Nonsavu, URZ Urewera, QRTZ Quartz Range, etc.

IDC 30 03:30:10.9±0.6, 11.16N:125.87E, h0km, mb4.1/16, mb1 4.2/16, mb1mx4.0/47, mbtmp4.1/16, MS3.2/6, Ms1 3.2/6, ms1mx2.9/47, Error ellipse: s-maj=30.6km s-min=13.3km az=73.0, MAN 30 03:30:12.7, 11.36N:126.35E, h67km, mb5.0, ML3.9, MS3.9

NEIC 30 03:30:23.1±1.5, 11.22N±0.09, 125.8E±0.1, h90km, 7km, mb4.3/23, Error ellipse: s-maj=20.1km s-min=13.4km az=85.0

ISC 30 03:30:23.4±0.5, 11.20N±0.07x125.8E±0.1, h100km, n66, r0596/58, mb4.2/34, Samar

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like DAV Davao City, JOW Kunigami, GUMO Guam, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like RAMN Ramite, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, etc.

IDC 30 03:33:40.3±0.6, 24N:124.47E, h26km, mb4.5, ML3.3, MS3.2, MAN 30 03:33:24.8±2.6, 6.22N:126.77E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.3/47, mbtmp3.7/3, Error ellipse: s-maj=206.8km s-min=26.8km az=66.0, Mindanao

IDC 30 03:41:42.3±0.9, 27.73S:65.28E, h0km, mb4.1/11, mb1 4.3/11, mb1mx3.9/39, mbtmp4.1/11, MS3.4/7, Ms1 3.4/7, ms1mx3.1/47, Error ellipse: s-maj=32.4km s-min=20.0km az=70.0, NEIC 30 03:41:44.0±0.8, 27.7S:0.1x65.15E±0.07, h10km, 12km, mb4.5/14, Error ellipse: s-maj=21.9km s-min=10.4km az=167.0

ISC 30 03:41:43.8±0.7, 27.7S:0.1x65.2E±0.2, h10km, n42, r056/31, mb4.5/16, MS3.5/7, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 30 04:28:18.6±2.4, 10.59N±0.07, 62.54W±0.05, h76km, 8km, mb4.3/37, Mw3.7(CAR), Error ellipse: s-maj=10.1km s-min=6.2km az=156.0, TRN 30 04:28:17.6, 10.69N:62.64W, h30km, MD4.2, IDC 30 04:28:17.5±2.5, 10.77N:62.70W, h87km, 26km, mb3.5/12, mb1 3.7/12, mb1mx3.6/38, mbtmp3.9/12, MS2.5/1, Ms1 2.5/1, ms1mx2.2/24, Error ellipse: s-maj=28.4km s-min=16.1km az=27.0, FUNJ 30 04:28:18.6±1.0, 10.62N:62.54W, h32km, MW3.7, CAR 30 04:28:18.6±1.0, 10.62N:0.06±2.54W±0.05, h32km, 5km, Error ellipse: s-maj=0.0km s-min=0.0km az=58.0, ISC 30 04:28:16.0±0.7, 10.60N:0.04±2.59W±0.03, h77km, 7km, n134, r1552/159, mb4.2/30, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ZALV Zalesovo Beam, SONM Songino Array, AKASG Mainin Array, etc.

IDC 30 04:00:53.5±2.1, 23.81N:92.63E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.5/51, mbtmp3.6/5, Error ellipse: s-maj=81.9km s-min=22.3km az=68.0, India-Bangladesh border region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, SONM Songino Array, etc.

SJA 30 04:03:56.0±3.1, 16S:72.35W, h10km, ML4.1, GUC 30 04:03:58.8±0.8, 31.24S:71.81W, h35km, 6km, ML3.5, ISC 30 04:03:54.8±3.2, 31.20S:0.03±72.18W±0.08, h2km, 23km, n50, r1599/63, SC-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CO06 Fray Jorge, CO06 La Serena, CO05 Catapilco, etc.

30 5h

Table with columns: TRN, Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like Trinidad (W), Brigand Hill, Cumana_UDO, Grenada Fort F, Grenville, etc.

2015 NOV

Table with columns: ESDC, Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like Torodi Arr. Bea, Yellowknife Arr, Dawson, etc.

1814

Table with columns: WRAB, Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like Tennant Creek, Warramunga Arr, etc.

30d 6h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like Pakihiroa, Puketiti, Raukumara Rang, etc.

2015 NOV

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like Clavier, Court-Saint-Et, Winterswijk, etc.

1816

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like IDC 30 05:58:41.6, Bati, Fitz, etc.

1819

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BNSI Bone, KAPI Kappang, DAV Davao City, MYLDM Lahad Datu, etc.

SOME 00 08:39:51.8, 39.65N, 75.73E, h5km, MS4.0
IDC 00 08:39:58.1, 0.7, 39.68N, 75.59E, h0km, mb4.2/2.0,
mb1.4, 3/27, mb1mx4.1/63, mbtmp4.2/27, ML3.8/7, MS3.9/28,
M51 3.9/28, ms1mx3.7/44, Error ellipse: s-maj=13.9km
s-min=12.8km az=76.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSH Kashi, SFK Sufi-Kurgan, SALK Salom-Alik, etc.

2015 NOV

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AAK Ala-Archa, AAK Karamyk, FRU1 Bishkek, etc.

30d 8h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KOTS Sogdiny, SGDS Sogdiny, BTK Batken, etc.

30d 9h

Table with 5 columns: Station Name, Frequency, Band, Mode, and Signal. Includes stations like ZALV, MKAR, SONMI.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Includes stations like RTV, DVP, LIFNC, etc.

NNC 30 09:15:09.8±1.2, 39.78N; 75.58E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=8.8km s-min=7.0km az=148.0

SOME 30 09:15:15.7, 40.02N; 75.55E, h5km

KRNET 30 09:15:17.8±0.1, 39.94N; 75.42E, mb2.9

ISC 30 09:15:14.0±1.4, 39.93N; 0.05:75.56E, 0.03, h15km±13km, n49, r1514/74, 19C-10D, Southern Xinjiang

Main table for 30d 9h section with 5 columns: Code, Station Name, Frequency, Band, Mode. Includes stations like SFK, OHH, ULHL, UCH, TARG, etc.

2015 NOV

Table with 5 columns: Station Name, Frequency, Band, Mode, Signal. Includes stations like KOTS, BTk, BTK, KRBS, etc.

ISC 30 09:18:40.7±10.0, 24.31S; 179.74E, h513km±138km, mb3.1/3, mb1 3.5/4, mb1mx3.1/19, mbtmp4.2/4, Error ellipse: s-maj=94.6km s-min=29.8km az=6.0, South of Fiji Islands

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Includes stations like URZ, ASAR, WRA, TXAR.

SOME 30 09:23:29.9, 39.73N; 75.55E, h5km

KRNET 30 09:23:36.9±0.1, 39.88N; 75.57E, h0km, mb4.0, mpv3.6

Error ellipse: s-maj=3.0km s-min=10.8km az=155.0

ISC 30 09:23:38.2±1.1, 40.07N; 0.05:75.50E, 0.03, h10km, n63, r1534/93, 31C-20D, Kyrgyzstan-Xinjiang border region

Main table for 2015 NOV section with 5 columns: Code, Station Name, Frequency, Band, Mode. Includes stations like SFK, OHH, ULHL, UCH, TARG, etc.

1822

Main table for 1822 section with 5 columns: Station Name, Frequency, Band, Mode, Signal. Includes stations like MTBS, ANVS, MRKS, DGS, etc.

TUL 30 09:49:12.8±1.3, 36.75N; 0.02:98.06W, 0.06, h6km±4km, ML4.9, mb4.4/85(NEIC), mb_Lg5.2/113(NEIC), Mw4.7/190(NEIC), Error ellipse: s-maj=6.2km s-min=2.3km az=87.0

DC 30 09:49:12.8±0.4, 36.83N; 97.99W, h0km, mb4.3/18, mb1 4.4/28, mb1mx4.3/54, mbtmp4.3/28, ML3.8/8, MS4.3/43, Ms1 4.3/43, ms1mx4.2/50, Error ellipse: s-maj=8.3km s-min=7.4km az=6.0

NEIC 30 09:49:13.6, 36.74N; 98.00W, h5km, Moment Tensor Solution: Moment tensor: Scale 10^16Nm; Mrr=0.15; Mss=1.48; Mpp=1.33; Mss=0.47; Mss=0.50; Mrr=0.18; Fault

plane solution: M=1.58000x10^16 Np1.3x125.04000^...
Error ellipse: s-maj=7.8km s-min=3.0km az=262.0
NEIC 30 09:49:13.6:1.1,36.77N:97.95W, h10km,8km,ML6.2/14

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res. Lists various seismic stations and their parameters.

Table with columns: KSCO, Kaye Shedlock, Az, Phase ID, Op, ISC, h, m, s, Res. Lists seismic events and station data for Kaye Shedlock.

Table with columns: PVMO, Portageville, Az, Phase ID, Op, ISC, h, m, s, Res. Lists seismic events and station data for Portageville.

30d 9h

I40A	Norwalk	9.06	36	P	Pn	09 51 24.1	0.0
V48A	Smith Brothers	9.07	93	P	Pn	09 51 24.4 +0.1	
V48A	Smith Brothers	9.07	93	P	Pn	09 51 24.4 +0.7	
121A	Cookes Peak, D	9.12	245	P	Pn	09 51 26.0 +0.8	
121A	Cookes Peak, D	9.12	245	P	Pn	09 51 26.2 +1.0	
F33A	5 Mile Ranch,	9.15	7	P	Pn	09 51 24.8 -0.5	
SFIN	Lafayette	9.25	64	P	Pn	09 51 26.6 -0.2	
SFIN	Lafayette	9.25	64	P	Pn	09 51 26.7 0.0	
SFIN	Lafayette	9.25	64	P	Pn	09 51 26.7 0.0	
SPMM	Marine on St.	9.30	23	P	Pn	09 51 27.1 -0.4	
SPMM	Marine on St.	9.30	23	Iamb	Lg	09 54 13.8	
SPMM	Marine on St.	9.30	23	P	Pn	09 51 27.3 -0.2	
H01L	Wandotte Cave	9.31	54	P	Pn	09 51 27.8 +0.1	
WCJ	Hansell Quarry C	9.39	78	P	Pn	09 51 29.0 +0.2	
WCJ	Wyandotte Cave	9.39	78	P	Pn	09 51 29.0 +0.2	
WCJ	Wyandotte Cave	9.39	78	P	Pn	09 51 29.3 +0.5	
WCJ	Wyandotte Cave	9.39	78	P	Pn	09 51 29.3 +0.5	
L44A	Lake County Fo	9.47	52	P	Pn	09 51 29.7 -0.1	
L44A	Lake County Fo	9.47	52	P	Pn	09 51 29.6 -0.1	
L44A	Lake County Fo	9.47	52	P	Pn	09 51 29.9 +0.1	
K43A	Burlington	9.50	48	P	Pn	09 51 30.4 +0.3	
K43A	Burlington	9.50	48	P	Pn	09 51 30.5 +0.3	
F36A	Milaca	9.68	19	P	Pn	09 51 31.2 -1.4	
W18A	Petrified Fore	9.68	264	P	Pn	09 51 33.3 +0.4	
U49A	Red Boiling Sp	9.80	88	P	Pn	09 51 35.1 +0.8	
U49A	Red Boiling Sp	9.80	88	P	Pn	09 51 35.2 +0.8	
SWET	Sewanee	9.88	95	P	Pn	09 51 36.5 +1.1	
Y49A	Blount Mountai	9.88	104	P	Pn	09 51 35.7 +0.2	
I42A	Draeger Farm,	9.91	41	P	Iamb	09 51 35.7 -0.2	
I42A	Draeger Farm,	9.91	41	P	Iamb	09 54 46.4	
I42A	Draeger Farm,	9.91	41	P	Pn	09 51 35.7 -0.2	
E28A	Huff	10.00	349	P	Pn	09 51 37.3 +0.2	
E28A	Huff	10.00	349	P	Pn	09 51 37.2 +0.1	
R49A	Shelbyville	10.28	78	P	Pn	09 51 41.4 +0.5	
R49A	Shelbyville	10.28	78	P	Pn	09 51 41.3 +0.3	
R49A	Shelbyville	10.28	78	P	Pn	09 51 41.3 +0.3	
FPAL	Fort Payne	10.30	99	P	Pn	09 51 42.2 +0.9	
G40A	Rib Lake	10.32	32	P	Pn	09 51 41.2 -0.2	
W50A	Signal Mountai	10.38	95	P	Pn	09 51 43.1 +0.8	
N47A	Urbana	10.42	63	P	Pn	09 51 42.1 -0.7	
N47A	Urbana	10.42	63	P	Pn	09 51 42.1 -0.7	
BRAL	Brewton	10.65	118	P	Pn	09 51 45.8 -0.2	
PDAR	Pinedale Array	10.73	307	Pn	Pn	09 51 47.0 -0.4	
PDAR	Pinedale Array	10.73	307	Pn	Pn	09 53 47.8 +0.1	
PDAR	Pinedale Array	10.73	307	Pn	Lg	09 54 46.3	
BW06	Boulder Array	10.74	307	P	Pn	09 51 46.5 -0.9	
BW06	Boulder Array	10.74	307	P	Pn	09 51 46.4 -0.9	
250A	Grady	10.79	113	P	Pn	09 51 47.5 -0.4	
P49A	Miami Univ., Ec	10.80	71	P	Pn	09 51 46.9 -1.1	
X51A	Calhoun	10.89	98	P	Pn	09 51 50.1 +0.7	
X51A	Calhoun	10.89	98	P	Pn	09 51 50.1 +0.7	
WUJAZ	Wupatki	10.91	267	P	Pn	09 51 50.3 +0.6	
H43A	Windswept, Lux	10.91	42	P	Pn	09 51 48.5 -1.1	
E38A	The Farm, Brul	10.93	24	Pn	Pn	09 51 49.0 -0.8	
R50A	Paris	10.94	78	P	Pn	09 51 50.0 0.0	
R50A	Paris	10.94	78	P	Pn	09 51 50.0 0.0	
R50A	Paris	10.94	78	P	Pn	09 51 50.0 0.0	
V51A	Loudon	11.04	91	P	Pn	09 51 52.1 +0.7	
Z51A	Franklin	11.04	104	P	Pn	09 51 51.8 +0.4	
MDND	Maddock	11.13	354	P	Pn	09 51 51.0 -1.6	
MDND	Maddock	11.13	354	P	Pn	09 51 52.1 -0.5	
O49A	Covington	11.22	68	P	Pn	09 51 52.5 -1.3	
O49A	Covington	11.22	68	P	Pn	09 51 52.5 -1.3	
TUC	Tucson	11.46	251	P	Pn	09 51 58.1 +0.9	
S51A	Beattyville	11.50	81	P	Pn	09 51 57.9 +0.3	
S51A	Beattyville	11.50	81	P	Pn	09 51 57.9 +0.3	
I45A	Fountain	11.51	47	P	Pn	09 51 57.7 0.0	
I45A	Fountain	11.51	47	P	Pn	09 51 57.7 0.0	
N49A	Columbus Grove	11.52	65	P	Pn	09 51 56.6 -1.3	
N49A	Columbus Grove	11.52	65	P	Pn	09 51 56.6 -1.3	
TKL	Tuckaleehee C	11.53	91	Pn	Pn	09 51 58.2 +0.2	
TKL	Tuckaleehee C	11.53	91	Pn	Lg	09 55 10.8	
TKL	Tuckaleehee C	11.53	91	Pn	Lg	09 56 35.6	
TKL	Tuckaleehee C	11.53	91	Pn	LR	09 56 35.6	
TZTN	Tazewell	11.59	87	P	Pn	09 51 58.5 -0.4	
TZTN	Tazewell	11.59	87	P	Pn	09 51 59.5 +0.6	
AGMN	Agassiz Nation	11.62	7	P	Pn	09 51 56.1 -3.2	
F42A	Maple Grove Fa	11.63	36	P	Pn	09 51 58.2 -1.2	
V52A	Sevierville	11.64	90	P	Pn	09 51 59.9 +0.3	
152A	Waverly Hall	11.65	107	P	Pn	09 52 00.3 +0.6	
LAO	LASA Array	11.66	331	P	Pn	09 51 58.7 -1.1	
LAO	LASA Array	11.66	331	P	Pn	09 51 59.8 0.0	
L48A	N Adams	11.68	60	P	Pn	09 51 59.3 -0.8	
L48A	N Adams	11.68	60	P	Pn	09 51 59.3 -0.8	
Q51A	Peebles	11.78	75	P	Pn	09 52 00.4 -1.0	
Q51A	Peebles	11.78	75	P	Pn	09 52 00.4 -1.0	
451A	Vernon	11.88	118	P	Pn	09 52 02.8 -0.1	
RLMT	Red Lodge	11.93	318	P	Pn	09 52 03.0 -0.6	
J47A	Summer	11.97	53	P	Pn	09 52 03.9 -0.1	
J47A	Summer	11.97	53	P	Pn	09 52 03.9 -0.1	
B35A	Bob, Littlefor	11.99	14	P	Pn	09 52 02.6 -1.8	
P51A	Williamsport	12.05	73	P	Pn	09 52 04.1 -1.1	
P51A	Williamsport	12.05	73	P	Pn	09 52 04.1 -1.1	

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DUG	Dugway, Tooele	12.12	291	P	Pn	09 52 05.9 -0.4	
DUG	Dugway, Tooele	12.12	291	P	Pn	09 52 05.9 -0.4	
EYMN	Ely	12.14	21	P	Pn	09 52 03.8 -2.6	
EYMN	Ely	12.14	21	P	Pn	09 52 04.0 -2.4	
H17A	Grant Village	12.23	312	P	Pn	09 52 07.3 -0.5	
ACSO	Alum Creek Sta	12.24	69	P	Pn	09 52 06.2 -1.5	
V53A	Saluda	12.30	91	P	Pn	09 52 08.9 +0.4	
V53A	Saluda	12.30	91	P	Pn	09 52 08.9 +0.4	
GOGA	Godfrey	12.35	101	P	Pn	09 52 08.9 -0.2	
AAM	Ann Arbor	12.35	59	P	Pn	09 52 08.0 -1.2	
D41A	Chassel	12.43	31	P	Pn	09 52 08.2 -2.0	
M50A	Fremont	12.49	64	P	Pn	09 52 10.0 -1.0	
M50A	Fremont	12.49	64	P	Pn	09 52 10.0 -1.0	
DGMT	Dagmar	12.55	341	P	Pn	09 52 10.6 -1.4	
DGMT	Dagmar	12.55	341	P	Pn	09 52 11.0 -0.9	
Q52A	Bidwell	12.61	75	P	Pn	09 52 11.7 -1.0	
Q52A	Bidwell	12.61	75	P	Pn	09 52 11.7 -1.0	
P52A	Corning	12.79	72	P	Pn	09 52 13.7 -1.5	
R53A	Hurricane	12.81	78	P	Pn	09 52 15.2 -0.3	
R53A	Hurricane	12.81	78	P	Pn	09 52 15.2 -0.3	
N51A	Ashland	12.84	66	P	Pn	09 52 14.9 -1.1	
N51A	Ashland	12.84	66	P	Pn	09 52 14.9 -1.1	
GLMI	Graying	12.91	47	P	Pn	09 52 14.6 -2.3	
154A	Montrose	12.92	104	P	Pn	09 52 17.2 +0.2	
U54A	Nelsons Funny	12.98	86	P	Pn	09 52 17.4 -0.5	
U54A	Nelsons Funny	12.98	86	P	Pn	09 52 17.4 -0.5	
TIGA	Tifton	13.05	110	P	Pn	09 52 18.0 -0.8	
553A	Crawfordville	13.06	116	P	Pn	09 52 18.2 -0.8	
O52A	Adamsville	13.08	70	P	Pn	09 52 17.2 -2.0	
O52A	Adamsville	13.08	70	P	Pn	09 52 17.2 -2.0	
214A	Organ Pipe Nat	13.16	253	P	Pn	09 52 20.7 +0.3	
K50A	Casco	13.23	58	P	Pn	09 52 19.4 -1.8	
K50A	Casco	13.23	58	P	Pn	09 52 19.4 -1.8	
S54A	Dingess, Beckl	13.31	81	P	Pn	09 52 21.7 -0.7	
S54A	Dingess, Beckl	13.31	81	P	Pn	09 52 21.7 -0.7	
P53A	Whipple	13.34	73	P	Pn	09 52 21.0 -1.7	
P53A	Whipple	13.34	73	P	Pn	09 52 21.0 -1.7	
PDMC	Parker Dam, Lak	13.40	264	P	Pn	09 52 25.1 +1.6	
BOZ	Bozeman (W)	13.53	315	P	Pn	09 52 25.8 +0.4	
V55A	Taylorville	13.55	89	P	Pn	09 52 24.9 -0.7	
V55A	Taylorville	13.55	89	P	Pn	09 52 24.9 -0.7	
ULM	Lac du Bonnet	13.56	6	Pn	Pn	09 52 20.9 -4.7	
ULM	Lac du Bonnet	13.56	6	Pn	Pn	09 54 43.6 -1.3	
ULM	Lac du Bonnet	13.56	6	Pn	Lg	09 56 10.3	
ULM	Lac du Bonnet	13.56	6	Pn	LR	09 57 54.5	
O53A	New Philadelphia	13.58	70	P	Pn	09 52 23.7 -2.3	
KM5C	Kings Mountain	13.58	92	P	Pn	09 52 25.0 -1.1	
KM5C	Kings Mountain	13.58	92	P	Pn	09 52 25.6 -0.4	
255A	Hazlehurst	13.68	106	P	Pn	09 52 26.6 -0.8	
Q54A	Coxs Mills	13.72	76	P	Pn	09 52 27.1 -0.9	
Q54A	Coxs Mills	13.72	76	P	Pn	09 52 27.1 -0.9	
M52A	Chesterland	13.74	65	P	Pn	09 52 25.9 -2.3	
M52A	Chesterland	13.74	65	P	Pn	09 52 25.9 -2.3	
N53A	Lisbon	13.96	68	P	Pn	09 52 28.8 -2.4	
N53A	Lisbon	13.96	68	P	Pn	09 52 28.8 -2.4	
BLA	Blacksburg	14.04	83	P	Pn	09 52 32.1 -0.3	
BLA	Blacksburg	14.04	83	P	Pn	09 52 32.1 -0.3	
ELK	Elko	14.04	292	Pn	Pn	09 52 34.5 +1.9	
ELK	Elko	14.04	292	Pn	Lg	09 56 32.8	
R11A	Troy Canyon, C	14.06	282	P	Pn	09 52 33.8 +1.0	
U56A	King	14.15	86	P	Pn	09 52 34.2 +0.3	
U56A	King	14.15	86	P	Pn	09 52 34.2 +0.3	
O54A	Avella	14.20	71	P	Pn	09 52 33.4 -1.1	
O54A	Avella	14.20	71	P	Pn	09 52 33.4 -1.1	
EGMT	Eagleton	14.20	326	P	Pn	09 52 33.4 -1.2	
M53A	W Miller and	14.21	66	P	Pn	09 52 31.8 -2.9	
IRM	Iron Mountain	14.24	265	P	Pn	09 52 35.1 0.0	
R55A	Marlington	14.25	79	P	Pn	09 52 34.4 -0.9	
R55A	Marlington	14.25	79	P	Pn	09 52 34.4 -0.9	
HLID	Hailey	14.27	303	P	Pn	09 52 35.7 +0.1	
GMRC	Granite Mounta	14.50	267	P	Pn	09 52 41.0 +2.3	
MCWV	Mont Chateau	14.54	73	P	Pn	09 52 37.0 -2.1	
TUQ	Turquoise Moun	14.58	270	P	Pn	09 52 40.0 +0.2	
Y57A	Sumter	14.60	96	P	Pn	09 52 39.1 -0.9	
Y57A	Sumter	14.60	96	P	Pn	09 52 39.1 -0.9	
N54A	Moraine State	14.62	68	P	Pn	09 52 37.3 -2.9	
N54A	Moraine State	14.62	68	P	Pn	09 52 37.3 -2.9	
BC3	Big Chuckwall	14.62	263	P	Pn	09 52 39.6 -0.8	
ALLY	Alegheny Colle</						

1825

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Matias Romero, Callahan, Tendick Farm, etc.

2015 NOV

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Malin Array Be, Rarotonga, USSuriyok Ar, etc.

30d 11h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Guangfu, Tongmen, Renai, etc.

30d 12h

Table with columns: MOPA, BOSA, KRI, etc. and values for various stations and times.

IDC 30 11:50:29.0.5, 10:51N-63:53W, h0km, mb4.2/16, mb1 4.4/19, mb1mx3.2/41, mbtmp4.3/19, ML4.2/3, MS3.5/12, Ms1 3.5/12, ms1mx3.3/36, Error ellipse: s-maj=13.9km s-min=9.4km az=153.0

TRN 30 11:50:30.8, 10:57N-63:73W, h7km, MD4.4, VAO 30 11:50:31.6, 10:48N-63:67W, h10km, mb4.6, FUNV 30 11:50:32.9, 10:49N-63:66W, h4km, MW4.2, NEIC 30 11:50:32.5, 10:46N-63:63W, h0km, mb4.6/29, Mwr4.2(CAR), Error ellipse: s-maj=10.7km s-min=8.9km az=161.0

CAR 30 11:50:33.2, 10:47N-63:65W, h5km, 4km, Error ellipse: s-maj=9.7km s-min=7.4km az=167.0, ISC 30 11:50:32.3, 10:47N-63:68W, h1km, n193, 0:145/207, mb4.5/27, MS3.6/8, 3C, Near coast of Venezuela

Main table for 30d 12h section, listing station names, coordinates, and various data points.

2015 NOV

Main table for 2015 NOV section, listing station names, coordinates, and various data points.

1826

Main table for 1826 section, listing station names, coordinates, and various data points.

1827

Table with columns: LEM, Lg, Lg, 12 20 35.6, 26m, 0.3s, baz=293, slow=22, SNR=16, LEMBANG, 0.85 77 P Pn, etc.

IDC 30 12:26:45.7±2.3, 30°42'S-177°77'W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.8/1.1, mbtm3.9/3, MS3.0/1, ms1mx2.5/2.2, Error ellipse: s-maj=53.1km s-min=23.0km az=112.0

ISC 30 12:26:49.9±2.0, 30°45'S-177°6'W, h0.33, h33km, n7, a1502.7, mb3.9/3, Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, RAO Raoul Island, 1.14 348 LR LR, etc.

THR 30 12:49:52.1±0.3, 29°65'N-51°29'E, h14km, gkm, ML3.1, TEH 30 12:49:52.0, 29°65'N-51°31'E, h11km, ML3.2, KISR 30 12:49:59.0, 29°63'N-50°76'E, h44km, 272km, ML3.7

ISC 30 12:49:51.8±1.1, 29°62'N-0°06.51'E, e0.04, h10km, n33, a195/36, Southern Irian

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, KAZI Kazerun, 0.34 89 eP e, SHI Shiraz, 1.10 88 eP e, etc.

ROM 30 12:50:03.8±0.1, 45.733N, 0.0077-9.781E±0.0005, h10km, ML2.0/8, 1C, Error ellipse: s-maj=0.8km s-min=0.2km az=199.0, Northern Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, MDI Monti di Nese, 0.07 312 Op P, etc.

2015 NOV

Table with columns: MERATA, 0.26 257 P AML Pg, 12 50 09.0 -0.1, MERATA, comp=N, 754μm, 0.4s, MERATA, comp=E, 906μm, 1.1s, etc.

IDC 30 12:50:05.7±1.3, 34°16'N-140°38'E, h67km±12km, mb3.7/12, mb1.3/9/17, mb1mx3.7/3.7, mbtm4.1/1.7, Error ellipse: s-maj=21.6km s-min=11.2km az=87.0

NEIC 30 12:50:05.3±1.5, 34°17'N-0°05.140'E±0.1, h62km, gkm, mb4.2/10.2, Error ellipse: s-maj=12.3km s-min=6.8km az=102.0

JMA 30 12:50:06.0±0.2, 34°24'N-140°37'E, h61km±3km, M4.1, JMA Felt 1 J1

NIED 30 12:50:06.0, 34°24'N-140°37'E, h61km, MW4.0, Moment Tensor Solution, s3 Moment: Scale 10^15Nm, Mn=0.14, Mw=0.68, Ms=0.82, Mw=0.63, Fault plane solution: M1: 10000°1015° NP1: 44.00000°, 88.00000°, 2-133.00000°, NP2: 309.00000°, 843.00000°, 2-7.00000°

ISC 30 12:50:04.7±0.9, 34°18'N-0°04.140'E±0.005, h61km, gkm, n74, a1943/82, mb4.2/1.7, 9C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, BSO1 Boso 1, 0.62 40 Op P, etc.

Table with columns: ASAJ, 1.4nm, 0.3s, baz=204, slow=9.1, SNR=18, S Sn, 12 54 10.3 -7.2, JKA Kamikawa-asahi, 10.06 9 P Pn, etc.

ROM 30 12:51:03.4±0.1, 42.737N, 0°004.13'214E±0.009, h10km, ML1.7/7, 4C-5D, Error ellipse: s-maj=0.6km s-min=0.3km az=266.0, Central Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, NRCA Norcia, 0.12 323 Op P, etc.

30d 13h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TERO, CESI, CSPI, GIGS, OFFI, FIAM, GUMA, T0110, MMUR, PIGN, DOSS, MAGA, CAPR, MABI, MDI, MERA, BERNI, MUGIO, VARE, FUSIO.

2015 NOV

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CROK, BLOK, BCOK, GCOK, QUOK, KAN05, OKCSW, KAN01, KAN10, KAN08, KAN09, KAN12, TUL1, TUL2, LOOK, R32A, R32B, R32C, X37A, X37B, X37C, X37D, X37E, X37F, X37G, X37H, X37I, X37J, X37K, X37L, X37M, X37N, X37O, X37P, X37Q, X37R, X37S, X37T, X37U, X37V, X37W, X37X, X37Y, X37Z, W39A, W39B, W39C, W39D, W39E, W39F, W39G, W39H, W39I, W39J, W39K, W39L, W39M, W39N, W39O, W39P, W39Q, W39R, W39S, W39T, W39U, W39V, W39W, W39X, W39Y, W39Z, WHAR, WLAR, N33A, N33B, N33C, N33D, N33E, N33F, N33G, N33H, N33I, N33J, N33K, N33L, N33M, N33N, N33O, N33P, N33Q, N33R, N33S, N33T, N33U, N33V, N33W, N33X, N33Y, N33Z, R40A, R40B, R40C, R40D, R40E, R40F, R40G, R40H, R40I, R40J, R40K, R40L, R40M, R40N, R40O, R40P, R40Q, R40R, R40S, R40T, R40U, R40V, R40W, R40X, R40Y, R40Z, N35A, N35B, N35C, N35D, N35E, N35F, N35G, N35H, N35I, N35J, N35K, N35L, N35M, N35N, N35O, N35P, N35Q, N35R, N35S, N35T, N35U, N35V, N35W, N35X, N35Y, N35Z, NATX, BGNE, T42A, CCAR, CCM, P40A, P40B, P40C, P40D, P40E, P40F, P40G, P40H, P40I, P40J, P40K, P40L, P40M, P40N, P40O, P40P, P40Q, P40R, P40S, P40T, P40U, P40V, P40W, P40X, P40Y, P40Z, T25A, HBAR, PBMO, L34A, L34B, L34C, L34D, L34E, L34F, L34G, L34H, L34I, L34J, L34K, L34L, L34M, L34N, L34O, L34P, L34Q, L34R, L34S, L34T, L34U, L34V, L34W, L34X, L34Y, L34Z, FVM, 143A, 143B, 143C, 143D, 143E, 143F, 143G, 143H, 143I, 143J, 143K, 143L, 143M, 143N, 143O, 143P, 143Q, 143R, 143S, 143T, 143U, 143V, 143W, 143X, 143Y, 143Z, S44A, S44B, S44C, S44D, S44E, S44F, S44G, S44H, S44I, S44J, S44K, S44L, S44M, S44N, S44O, S44P, S44Q, S44R, S44S, S44T, S44U, S44V, S44W, S44X, S44Y, S44Z, W45A, P43A, L40A, PHWY, SUSD, L42A.

1828

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JFWS, I40A, RWWY, K22A, PMG, WRA, ASAR, FITZ, ILAR, BARC, BRRC, PAMC, RUSC, PTBC, TAMC, OCAC, SPBC, ZARC, NORC, SMLC, ROSC, HELC, UREC, VILC, CBOC, DBBC, ANIL, PRAC, ORTC, ELOV, PLMC, SJOCC, YOTC, MACC, MARP, GARC, JPK, VMT, GLI, FID.

KLU	comp=E,2um,0.4s	0.56	62	P	Pg	13 58 17.1	-0.1	
KLU	Klutina	baz=243,SNR=58		S	Sg	13 58 24.3	-0.3	
KLU	Klutina	baz=243		S	Sg	13 58 16.9	-0.3	
KLU	Klutina	0.56	62	Pg	Sg	13 58 24.4	-0.3	
KLU	Klutina	comp=N,792nm,0.5s	0.56	62	IAML	13 58 24.9		
KLU	Divide	comp=E,421nm,0.4s		IAML		13 58 31.0		
DIV	Divide	0.58	100	Pg	Pg	13 58 16.8	-0.8	
DIV	Divide	13 58 24.3	-1.0	Pg	Pg	13 58 18.4	-0.1	
SCM	Sheep Creek Mo	baz=164,SNR=97	0.63	343	P	Sg	13 58 27.1	+0.1
SCM	Sheep Creek Mo	baz=164		S	Sg	13 58 18.5	-0.1	
SCM	Sheep Creek Mo	0.63	343	Pg	Pg	13 58 27.6	+0.3	
SCM	Knik Glacier	baz=104,SNR=156	0.75	285	P	Sb	13 58 20.5	-0.2
KNK	Knik Glacier	baz=104		S	Sg	13 58 31.0	+0.2	
KNK	Knik Glacier	0.75	285	Pg	Pg	13 58 20.5	-0.2	
KNK	Knik Glacier	baz=104		S	Sg	13 58 31.0	+0.2	
PWL	Port Wells	baz=60,SNR=47	0.77	242	P	Sb	13 58 20.4	-0.8
PWL	Port Wells	baz=60		S	Sg	13 58 30.7	-0.7	
PWL	Port Wells	0.77	242	Pg	Pg	13 58 20.5	-0.7	
PWL	Port Wells	baz=60		S	Sg	13 58 30.7	-0.7	
SML	Sawmill	baz=131,SNR=79	0.88	312	P	Sb	13 58 22.4	-0.8
SML	Sawmill	baz=131		S	Sb	13 58 35.4	+1.0	
SML	Sawmill	0.88	312	Pg	Pg	13 58 22.4	-0.8	
SML	Sawmill	baz=131		S	Sb	13 58 35.4	+1.0	
SML	Sawmill	0.88	312	Pg	Pg	13 58 22.4	-0.8	
PS12	TAPS Pump St12	0.90	73	P	Pg	13 58 22.2	-1.4	
M24K	Tolsona, Glenn	baz=204,SNR=92	0.95	22	P	Pg	13 58 24.1	-0.5
M24K	Tolsona, Glenn	baz=204		S	Sg	13 58 36.9	-0.2	
M24K	Tolsona, Glenn	0.95	22	Pg	Pg	13 58 24.1	-0.5	
M24K	Tolsona, Glenn	baz=204		S	Sg	13 58 36.9	-0.2	
M24K	Tolsona, Glenn	0.95	22	IAML	Pg	13 58 24.1	-0.5	
GHO	Glory Hole Cre	comp=E,590nm,1.0s	1.09	301	Pb	13 58 26.4	-0.2	
GHO	Glory Hole Cre	comp=N,876nm,0.6s	1.09	301	IAML	13 58 44.0		
GHO	Glory Hole Cre	1.09	301	IAML		13 58 45.2		
PS11	TAPS Pump St11	1.10	39	Pb	Pb	13 58 26.9	+0.1	
PMR	Palmer	baz=108,SNR=84	1.11	290	P	Pb	13 58 26.5	-0.4
PMR	Palmer	baz=108		S	Sg	13 58 42.0	-0.1	
PMR	Palmer	1.11	290	Pb	Pb	13 58 26.5	-0.4	
PMR	Palmer	comp=N,787nm,0.6s	1.11	290	IAML	13 58 42.7	+0.8	
PMR	Palmer	1.11	290	IAML		13 58 43.6		
BMRM	Bremner River	comp=E,534nm,0.5s	1.17	102	Pb	13 58 26.8	-1.1	
BMRM	Bremner River	baz=284		S	Sg	13 58 43.3	-0.6	
BMRM	Bremner River	baz=284		Pb	Pb	13 58 27.4	-0.5	
BMRM	Bremner River	comp=E,653nm,0.8s	1.17	102	IAML	13 58 46.0		
BMRM	Bremner River	1.17	102	IAML		13 58 46.6		
N25K	Chitina, Valde	comp=N,581nm,0.8s	1.19	71	Pb	13 58 27.0	-1.2	
N25K	Chitina, Valde	baz=253,SNR=26		S	Sn	13 58 45.0	+1.2	
N25K	Chitina, Valde	baz=253		S	Sn	13 58 27.5	-0.7	
N25K	Chitina, Valde	1.19	71	IAML		13 58 48.2		
N25K	Chitina, Valde	1.19	71	IAML		13 58 27.5	-0.7	
GOAT	Goat Mountain	1.27	120	Pn	Pn	13 58 29.4	+0.3	
RC01	Rabbit Creek A	baz=83,SNR=17	1.36	265	P	Pn	13 58 30.7	+0.4
RC01	Rabbit Creek A	baz=83		S	Sn	13 58 49.2	+1.2	
RC01	Rabbit Creek A	1.36	265	Pn	Pn	13 58 30.7	+0.4	
RC01	Rabbit Creek A	comp=N,613nm,0.4s	1.36	265	IAML	13 58 54.1		
RC01	Rabbit Creek A	1.36	265	IAML		13 58 56.0		
RAGM	Ragged Mountai	comp=E,588nm,0.2s	1.40	126	Pb	13 58 31.9	+0.2	
WAT6	Susitna Watana	baz=165,SNR=49	1.41	345	P	Pb	13 58 30.1	-0.9
WAT6	Susitna Watana	baz=165		S	Sn	13 58 49.5	+0.2	
WAT6	Susitna Watana	1.41	345	Pn	Pn	13 58 30.1	-0.9	
WAT6	Susitna Watana	1.41	345	Pn	Pn	13 58 31.5	0.0	
HARP	HAARP	baz=217,SNR=60	1.45	35	P	Pn	13 58 31.7	+0.2
HARP	HAARP	baz=217		Pn	Pn	13 58 31.7	+0.2	
GLB	Gilahina Butte	1.45	81	Pn	Pn	13 58 32.8	+0.2	
GLB	Gilahina Butte	comp=E,355nm,0.4s	1.53	81	IAML	13 58 55.5		
GLB	Gilahina Butte	1.53	81	IAML		13 58 55.6		
O22K	Cooper Landing	comp=N,387nm,0.6s	1.55	242	P	Pn	13 58 32.5	-0.4
O22K	Cooper Landing	baz=60,SNR=29		S	Sn	13 58 53.8	+1.1	
O22K	Cooper Landing	baz=60		Pn	Pn	13 58 33.6	+0.7	
FIS	Fire Island	1.59	268	Pn	Pn	13 58 34.0	+0.6	
HMT	Hamilton	1.59	123	Pn	Pn	13 58 34.0	+0.4	
M22K	Willow	baz=108,SNR=30	1.61	290	P	Pn	13 58 37.7	0.0
M22K	Willow	baz=108		Pn	Pn	13 58 34.8	+0.2	
SEW	Seward	1.61	290	Pn	Pn	13 58 34.7	+1.0	
SEW	Seward	baz=46		S	Sn	13 58 56.5	+0.9	
SEW	Seward	1.61	229	Pn	Pn	13 58 35.1	+0.5	
VRDI	Verde Repeater	1.69	89	Pn	Pn	13 58 35.5	+0.5	
SLKM	Skilak Lake	1.76	247	Pn	Pn	13 58 36.7	+0.9	
NICHA	Nichawak Mount	1.77	123	Pn	Pn	13 58 36.7	+0.7	
BERG	Berg Lake	1.80	116	Pn	Pn	13 58 36.7	+0.3	
KAIM	Kayak Island	1.81	135	P	Pn	13 58 36.8	+0.4	
KAIM	Kayak Island	1.81	135	Pn	Pn	13 58 36.6	+0.1	
KAIM	Kayak Island	comp=N,227nm,0.6s	1.81	135	IAML	13 59 09.3		
KAIM	Kayak Island	1.81	135	IAML		13 59 09.4		
Q23K	Middleton Isla	comp=E,194nm,0.5s	1.83	170	P	Pb	13 58 36.5	-0.2
Q23K	Middleton Isla	baz=350		Sb	Sb	13 58 30.2	+1.5	
Q23K	Middleton Isla	baz=350		Pn	Pn	13 58 37.5	+0.8	
Q23K	Middleton Isla	1.83	170	IAML		13 59 07.0		
Q23K	Middleton Isla	comp=N,272nm,0.6s	1.83	170	IAML	13 59 19.3		
MID	Middleton Isla	comp=E,294nm,1.1s	1.83	170	Pn	13 58 37.6	+0.8	
MID	Middleton Isla	1.83	170	IAML		13 59 07.0		
MID	Middleton Isla	1.83	170	IAML		13 59 09.9		
WAT7	Susitna Watana	comp=N,246nm,0.7s	1.84	332	Pn	13 58 37.5	+0.5	
DHY	Denali Highway	baz=174,SNR=73	1.86	354	P	Pn	13 58 37.4	0.0
DHY	Denali Highway	baz=174		S	Sb	13 59 02.8	0.0	
DHY	Denali Highway	1.86	354	Pn	Pn	13 58 37.5	+0.1	
DHY	Denali Highway	1.86	354	IAML		13 59 06.1		
PAX	Paxson	comp=N,251nm,0.5s	1.88	21	P	Pn	13 58 38.1	+0.6
PAX	Paxson	baz=203,SNR=26	1.88	21	Pn	13 58 38.2	+0.6	
MCARA	McCarthy VSAT	1.90	84	P	Pn	13 58 38.1	+0.5	
MCARA	McCarthy VSAT	baz=267,SNR=11		Sb	Sg	13 59 05.9	-1.2	
MCARA	McCarthy VSAT	baz=267		Pn	Pn	13 58 38.9	+1.2	
MCARA	McCarthy VSAT	1.90	84	IAML		13 59 09.8		
MCARA	McCarthy VSAT	1.90	84	IAML		13 59 09.9		
CRQM	Crque	comp=E,324nm,0.5s	1.92	103	Pn	13 58 39.2	+1.1	
CRQM	Crque	1.92	103	IAML		13 59 10.1		
CRQM	Crque	comp=N,288nm,0.8s	1.92	103	IAML	13 59 11.9		
CRQM	Crque	1.92	103	IAML		13 59 11.9		

SUCK	Suckling Hills	1.95	125	Pn	Pn	13 58 38.6	+0.2	
SUCK	Suckling Hills	1.95	125	IAML		13 59 08.3		
SUCK	Suckling Hills	1.95	125	IAML		13 59 08.8		
CUT	Chullina	comp=N,272nm,0.6s	1.97	308	P	Pn	13 58 40.0	+1.3
CUT	Chullina	baz=126,SNR=44		Pn	Pn	13 58 40.1	+1.5	
KHIT	Khitrov Hills	1.98	112	Pn	Pn	13 58 39.5	+0.7	
GRIN	Grindle Hills	2.02	117	Pn	Pn	13 58 40.0	+0.6	
TGNA	Tana Glacier	2.06	102	Pn	Pn	13 58 41.0	+0.9	
TGL	Tana Glacier	comp=E,211nm,0.6s	2.06	102	IAML	13 59 11.6		
TGL	Tana Glacier	2.06	102	IAML		13 59 12.2		
CAPN	Captain Cook N	comp=N,189nm,0.7s	2.10	259	Pb	Pb	13 58 43.2	-0.5
CAPN	Captain Cook N	baz=75		Pn	Pn	13 58 41.9	+0.6	
WAX	Waxell Ridge	2.15	110	IAML		13 59 21.5		
WAX	Waxell Ridge	2.15	110	IAML		13 59 21.5		
PTPK	Pattly Peak	2.17	89	Pn	Pn	13 58 43.2	+1.6	
M26K	Nabesna, AK	baz=240	2.21	56	P	Pn	13 58 43.2	+1.1
M26K	Nabesna, AK	baz=240		Sb	Sb	13 59 14.5	+1.8	
M26K	Nabesna, AK	2.21	56	Pn	Pn	13 58 44.1	+2.0	
M26K	Nabesna, AK	comp=N,143nm,0.6s	2.21	56	IAML	13 59 15.5		
BALM	Salpa	2.24	93	Pn	Pn	13 58 43.6	+1.1	
KIAG	Kiagna River	2.25	96	Pn	Pn	13 58 43.7	+1.0	
PS10	TAPS Pump St10	2.27	14	Pn	Pn	13 58 44.8	+2.0	
SNH	Sunshine Point	2.28	116	IAML		13 58 43.9	+1.0	
SNH	Sunshine Point	comp=E,132nm,0.9s	2.28	116	IAML	13 59 22.1		
SNH	Sunshine Point	2.28	116	IAML		13 59 38.7		
MENT	Mentasta	2.29	40	Pn	Pn	13 58 44.9	+1.8	
MENT	Mentasta	2.29	40	IAML		13 59 20.7		
MENT	Mentasta	comp=E,218nm,0.7s	2.29	40	IAML	13 59 22.7		
ISLE	Juniper Island	2.34	104	Pn	Pn	13 58 44.5	+0.7	
ISLE	Juniper Island	2.34	104	IAML		13 59 22.3		
ISLE	Juniper Island	comp=N,135nm,0.7s	2.34	104	IAML	13 59 28.0		
RND	Reindeer	2.36	339	IAML		13 58 46.0	+2.0	
RND	Reindeer	2.36	339	IAML		13 59 21.3		
RND	Reindeer	comp=E,149nm,0.6s	2.36	339	IAML	13 59 22.4		
RND	Reindeer	2.36	339	IAML		13 59 22.4		
STLK	Strandline Lak	2.37	279	Pn	Pn	13 58 42.9	-1.4	
L26K	Log Cabin Wild	2.42	42	IAML		13 58 47.6	+2.1	
L26K	Log Cabin Wild	2.42	42	IAML		13 59 27.4		
L26K	Log Cabin Wild	2.42	42	IAML		13 59 27.4		
L26K	Log Cabin Wild	comp=N,135nm,0.4s	2.42	42	IAML	13 59 27.8		
SPU	Mount Spurr	2.47	271	Pn	Pn	13 58 46.7	+1.1	
BAGL	Bagley Icefield	2.49	105	Pn	Pn	13 58 47.0	+1.2	
SPCR	Spurr Chakacha	2.55	272	P	Pn	13 58 47.5	+0.8	
SPCR	Spurr Chakacha	baz=87		S	Sn	13 59 18.8	+1.5	
BARN	Barnard Glacie	2.57	92	Pn	Pn	13 58 48.5	+1.4	
M27K	Edge Creek, AK	2.66	63	P	Pn	13 58 48.9	+1.6	
M27K	Edge Creek, AK	2.66	63	Pn	Pn	13 58 50.6	+2.3	
MESA	MESA	2.67	111	P	Pn	13 58 48.9	+0.4	
MESA	MESA	baz=295		S	Sn	13 59 22.2	+1.6	
MESA	MESA	2.67	111	IAML		13 58 49.0	+0.4	
MESA	MESA	comp=N,162nm,0.7s	2.67	111	IAML	13 59 34.3		
MESA	MESA	2.67	111	IAML		13 59 40.1		
MCK	McKinley	2.67	341	Pn	Pn	13 58 50.5	+2.2	
MCK	McKinley	baz=159,SNR=59	2.67	341	Pn	13 58 50.5	+2.2	
MCK	McKinley	2.67	341	IAML		13 58 50.9	+2.5	
MCK	McKinley	comp=N,140nm,0.8s	2.67	341	IAML	13 59 28.5		
MCK	McKinley	2.67	341	IAML		13 59 30.9		
YAH	Yahtse	2.69	107	Pn	Pn	13 58 49.7	+0.9	
YAH	Yahtse	comp=E,130nm,0.3s	2.69	107	IAML	13 59 14.9		
YAH	Yahtse	2.69	107	IAML		13 59 15.3		

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tana Toraja, Bonito, Sidrap Palu, etc.

JMA 30 14:08:35.4±0.2, 33°89N-137°66E, h365km, M3.0
IDC 30 14:08:37.0±0.9, 34°00N-137°58E, h333km, 1.2km, mb2.8/3, mb1.3, 1/10, mb1mx2.9/52, mbtmp3.7/10, Error ellipse: s-maj=23.4km s-min=15.6km az=92.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like n24, c253/31, mb3.0/3, etc.

TAP 30 14:11:49.5, 23°84N-122°68E, h62km, 1km, ML2.6, D
JMA 30 14:11:50.2±0.2, 23°39N-122°58E, h15km, M1.9
ISC 30 14:11:48.1±1.1, 23°87N-103°122'62E, 0'102, h13km, 9km, n62, c0593/118, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yonagunijimaka, Yonaguni jima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tachien, Cheung, etc.

NOU 30 14:30:47.9, 15°40S-167°60E, h117km, MLv3.9/4, Vanuatu Islands, Vanuatu Islands

MAN 30 14:42:36.5, 13°38N-120°46E, h77km, mb3.9, ML2.6, MS2.2, Mindoro

VAO 30 14:45:21.9±0.3, 24°24S-67°11W, h159km, mb5.2
MOS 30 14:45:22.9±1.4, 24°25S-67°13W, h174km, mb5.1/42, Error ellipse: s-maj=11.7km s-min=5.6km az=107.6
Bull 30 14:45:23.0±0.0, 24°30S-67°00W, h160km, mb5.1/4
IDC 30 14:45:23.1±0.7, 24°23S-66°98W, h163km, 6km, mb4.6/17, mb1.4, 7/23, mb1mx4.7/27, mbtmp5.1/23, MS3.9/6, h1.3, 9/6, ms1mx3.4/32, Error ellipse: s-maj=10.8km s-min=7.7km az=67.0
NEIC 30 14:45:24.3±0.2, 24°30S-67°20W-0.1, h179km, 6km, mb5.0/425, Md4.6(SJA), Mw1.5(3/GUC), Error ellipse: s-maj=19.0km s-min=3.5km az=84.0
GUC 30 14:45:24.3±0.7, 24°31S-67°46W, h208km±11km, ML5.5, MW5.3
SJA 30 14:45:25.2±0.5, 24°29S-67°23W, h150km, ML4.9, MW4.8
GCMT 30 14:45:28.3±0.2, 24°35S-01°67'24W±0.01, h188km, 1km, MW5.2/117, Moment Tensor Solution. s72, c87, s117, c176. Duration: 19.0 Moment tensor: Scale 10^17 N/m. Mn-0.81±0.1; Mw0.01±0.02; Mo0.82±0.02; Mo0.06±0.01; Mw-0.07±0.02; Mo-0.36±0.02. Best double couple: Mo.89100±10^17, NP1±0.176±0.00000, 833.000000, λ-92.000000. Principal axes: T 0.8920, P12.00000, Azm85.00000; N -0.0010, P11.00000, Azm354.00000; P -0.8910, P178.00000, Azm258.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 30 14:45:22.8±0.5, 24°28S-01°03-67°13W±0.03, h166km±4km, n950, s122887, mb5.0/246, 56C-171D, Fault plane solution: NP1±0.356±0.0395, 858.88594, λ-88.78088. NP2±0.173±0.7772, 831.13554, λ-92.01884. Principal

axes: T Plg13.8779°, Azm85.1480°; N Plg1.0437°, Azm175.4059°; P Plg76.0814°, Azm269.6217°;
Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time Res	ISC
						h m s	
SLA	San Lorenzo	1.55	107	P	Pn	14 45 57.8	+3.4
SLA	San Lorenzo	1.55	107	P	Pn	14 45 57.8	+3.4
SLA					Sn	14 46 21.4	+2.9
					IAML		
HJA	Humahuaca	1.90	56	eP	Pn	14 46 01.8	+3.5
HJA					IAML	14 46 30.4	
FSA	Cafayete	2.11	151	eP	Pn	14 46 02.7	+2.4
FSA					Sn	14 46 31.1	+1.7
LVC	Limon Verde	2.33	315	P	Pn	14 46 05.4	+2.4
LVC					Sn	14 46 35.3	+1.2
LVC					IAML		
LVC	Limon Verde	2.33	315	eP	Sn	14 46 05.2	+2.1
LVC					Sn	14 46 35.8	+1.7
LVC					Sn	14 46 05.8	+2.5
LVC	Limon Verde	2.33	315	eP	Sn	14 46 05.9	+2.2
LVC					Sn	14 46 37.3	+3.3
LVC					IAML	14 46 41.4	
PB15	IPOC Station P	2.39	296	eP	Pn	14 46 05.5	+1.9
PB15					Sn	14 46 36.8	+1.4
PB15					Sn	14 46 05.8	+2.2
PB15	IPOC Station P	2.39	296	eP	Pn	14 46 05.9	+2.2
PB15					Sn	14 46 36.8	+1.6
PB15					IAML	14 46 38.8	
YJA	Yavi	2.56	36	eP	Pn	14 46 09.1	+3.1
YJA					Sn	14 46 42.4	+3.0
YJA					IAML	14 46 45.2	
PB06	IPOC Station P	2.73	304	eP	Pn	14 46 09.5	+1.9
PB06					Sn	14 46 43.1	+0.7
PB06					IAML	14 46 46.8	
PB06	IPOC Station P	2.73	304	eP	Pn	14 46 09.5	+1.9
PB06					Sn	14 46 43.7	+1.3
PB06					IAML	14 46 46.6	
AHML	Horco Molle	2.98	147	eP	Pn	14 46 12.5	+1.9
AHML					Sn	14 46 47.1	+1.9
AHML					Sn	14 46 48.7	+0.9
AHML					IAML	14 46 52.2	
PB14	IPOC Station P	3.00	263	eP	Pn	14 46 11.8	+0.6
PB14					Sn	14 46 54.5	+1.1
PB14					IAML	14 46 54.6	
PB14	IPOC Station P	3.00	263	eP	Pn	14 46 11.8	+0.6
AC02	Maricunga	3.12	215	eP	Pn	14 46 14.3	+1.5
AC02					IAML	14 47 12.6	
AC02	Maricunga	3.12	215	eP	Pn	14 46 14.3	+1.5
AC02					Sn	14 46 56.2	+4.5
AC02					IAML	14 47 01.9	
PB10	IPOC Station P	3.22	283	eP	Pn	14 46 14.1	+0.5
PB10					Sn	14 46 51.3	+1.7
PB10					IAML	14 46 58.1	
PB10	IPOC Station P	3.22	283	eP	Pn	14 46 14.6	+1.1
PB10					Sn	14 46 53.0	+0.1
PB10					IAML	14 46 59.9	
PB03	IPOC Station P	3.28	312	eP	Pn	14 46 15.8	+1.4
PB03					Sn	14 46 54.6	0.0
PB03					IAML	14 46 55.9	
PB03	IPOC Station P	3.28	312	eP	Pn	14 46 15.8	+1.4
PB03					Sn	14 46 53.9	+0.7
PB03					IAML	14 46 56.0	
PB04	IPOC Station P	3.38	304	eP	Pn	14 46 16.8	+1.0
PB04					Sn	14 46 56.4	+0.6
PB04					Sn	14 46 16.7	+1.0
PB04					Sn	14 46 57.1	+0.2
PB04					IAML	14 47 01.8	
PB07	IPOC Station P	3.59	314	eP	Pn	14 46 19.6	+1.3
PB07					Sn	14 47 00.9	+0.8
PB07					Sn	14 46 19.5	+1.1
PB07					Sn	14 46 19.5	+1.1
PB07					IAML	14 47 01.9	+0.2
PB07					IAML	14 47 04.6	
PB01	IPOC Station P	3.88	325	eP	Pn	14 46 22.6	+0.6
PB01					Sn	14 46 23.0	+0.7
PB01					Sn	14 46 23.0	+0.9
PB01					Sn	14 47 09.1	+0.8
PB01					IAML	14 47 10.7	
PB02	IPOC Station P	3.89	319	eP	Pn	14 46 23.1	+0.8
PB02					Sn	14 47 08.1	+0.5
PB02					Sn	14 46 23.0	+0.8
PB02					Sn	14 47 08.0	+0.1
PB02					IAML	14 47 11.9	
CYA	Choya	4.32	164	eP	Pn	14 46 29.0	+1.4
CYA					Sn	14 47 19.6	+2.9
CYA					IAML	14 47 19.6	
GO03	Copiap	4.33	220	eP	Pn	14 46 27.3	+0.5
GO03					Sn	14 47 17.0	+1.5
GO03					Sn	14 46 26.9	+0.8
GO03					Sn	14 47 22.0	+0.5
PATCX	Punta Patache	4.43	320	eP	Pn	14 46 28.8	+0.3
PATCX					Sn	14 46 29.3	+0.2
PATCX					Sn	14 47 22.4	+1.5
PATCX					IAML	14 47 29.3	
PB08	IPOC Station P	4.52	335	eP	Pn	14 46 32.4	+1.8
PB08					Sn	14 47 24.1	+0.6
PB08					Sn	14 46 32.1	+1.5
PB08					Sn	14 46 32.0	+1.4
PB08					IAML	14 47 25.1	+1.5
VCA	Vinchina	4.55	192	eP	Pn	14 46 32.5	+1.8
VCA					Sn	14 47 19.1	+4.7
VCA					IAML	14 48 02.1	
TA01	Diego Aracena	4.65	322	Pn	Pn	14 46 31.7	+0.2
TA02	Huachuque	4.86	325	Pn	Pn	14 46 34.3	+0.3
PB11	IPOC Station P	5.07	332	eP	Pn	14 46 37.1	+0.4
PB11					Sn	14 47 07.6	+0.9
PB11					Sn	14 46 37.4	+1.3
PB11					IAML	14 47 37.5	
ACLC	CERRO LA CRUZ	5.13	178	eP	Pn	14 46 38.9	+0.6
ACLC					IAML	14 48 07.7	
AC04	Llanos de Chal	5.28	221	Pn	Pn	14 46 38.1	+2.0
LCO	Las Campanas	5.70	213	Pn	Pn	14 46 43.8	+2.0
LCO					Sn	14 46 43.8	+2.0
LCO					IAML	14 47 55.4	
PB16	IPOC Station P	6.11	339	eP	Pn	14 46 54.8	+0.4
PB16					Sn	14 46 52.4	+2.3
AF01	Chacalluta	6.59	332	Pn	Pn	14 46 54.7	+2.8
CO05	La Serena	6.71	212	Pn	Pn	14 46 56.6	+3.4
GO04	Tololo Observa	6.72	208	Pn	Pn	14 46 55.9	+3.4
GO04					Sn	14 46 58.0	+1.3
ZON	Zonda	7.37	190	Pn	Pn	14 47 07.0	+0.8
ZON					Sn	14 47 07.0	+0.8
CO06	Fray Jorge	7.52	211	Pn	Pn	14 46 38.9	+3.0
RTVC	Cerro Valdivia	7.66	189	eS	Sn	14 48 31.7	+5.7
RTVC					IAML	14 49 05.3	
LPAZ	La Paz	8.00	353	P	Pn	14 47 18.0	+1.2
					IAML	14 48 02.5	+8.5, SNR=231

LPAZ	MRA	MRA	S	S	S	S	S	S
LPAZ	comp=Z,3.2nm,0.3s,baz=332,slow=20,SNR=9.4	La Paz	8.00	353	P	Pn	14 47 18.0	+1.2
MRA		San Martin	8.21	172	eS	Sn	14 48 41.0	-1.0
MRA					IAML	14 49 00.3		
VA03	comp=Z,34nm,0.7s	San Esteban	8.98	199	P	Pn	14 47 26.4	-2.7
CPUP		Villa Florida	9.10	105	P	Pn	14 47 29.2	-1.4
CPUP	comp=Z,3.9nm,0.3s,baz=289,slow=12,SNR=65	Villa Florida	9.10	105	eP	Pn	14 47 29.4	-1.3
CPUP		Villa Florida	9.10	105	Pn	Pn	14 47 29.4	-0.7
CPUP		Villa Florida	9.10	105	Pn	Pn	14 47 29.4	-1.3
PEL		Peidehue	9.37	199	P	Pn	14 47 31.5	-2.7
PEL		Peidehue	9.37	199	P	Pn	14 47 31.5	-2.7
MT09		Curacav	9.62	201	P	Pn	14 47 33.3	-4.1
SIV	comp=Z,14nm,0.3s,baz=216,slow=12,SNR=428	San Ignacio	10.01	36	P	Pn	14 47 41.6	-1.2
SIV					S	14 49 26.9	-7.2	
MT09	baz=228,slow=16,SNR=3.2	Talagante	10.05	199	Pn	Pn	14 47 39.1	-4.1
MT01		Popeta	10.21	200	Pn	Pn	14 47 40.4	-4.8
BO01		Tunca	10.65	198	Pn	Pn	14 47 47.6	-3.4
ITQB		Itaqui	10.80	122	eP	Pn	14 47 52.2	-0.8
ITQB		Itaqui	10.80	122	Pn	Pn	14 47 51.3	-1.7
BO02		Sierra Bellavi	10.95	196	Pn	Pn	14 47 54.1	-0.9
AC0D		Aquidauana	11.23	73	eP	Pn	14 47 57.2	-0.5
AQDD		Aquidauana	11.23	73	Pn	Pn	14 47 56.7	-2.0
PTLB		Pontes e Lacer	11.56	42	Pn	Pn	14 48 02.4	-0.5
PTLB		Pontes e Lacer	11.56	42	Pn	Pn	14 48 01.4	-1.5
VLB		Vilhen	13.03	31	Pn	Pn	14 48 20.1	-1.8
PP1B		Ponte de Pedra	13.23	62	Pn	Pn	14 48 23.5	-0.9
TRCB		Terra Rica	13.38	87	eP	Pn	14 48 25.1	-1.0
TRCB		Terra Rica	13.38	87	Pn	Pn	14 48 24.0	-2.3
SALV		Santo Antonio	13.59	54	eP	Pn	14 48 28.4	-0.6
CP5B		Capacava Do Su	13.61	120	eP	Pn	14 48 28.6	-0.5
PTGB		Pitanga	13.73	95	eP	Pn	14 48 30.6	-0.1
ITAB		Itacora	13.84	105	Pn	Pn	14 48 31.8	-0.2
ITAB		Concordia	13.84	105	Pn	Pn	14 48 31.1	-0.6
VA04		Juan Fernandez	13.85	225	Pn	Pn	14 48 32.2	+0.2
PLTB		Pedras Altas	14.08	125	eP	Pn	14 48 32.3	+0.2
PLTB		Pedras Altas	14.08	125	Pn	Pn	14 48 32.8	-2.2
ETMB								

30d 14h

Table with columns: Station, Frequency, Class, Power, and Signal. Includes stations like Kings Mountain, Windy Hill, P, 14.55 17.1, etc.

2015 NOV

Table with columns: Station, Frequency, Class, Power, and Signal. Includes stations like Lajitas Ar. Si, Woolly Hollow, Hickman, Penman, etc.

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Table with columns: Station, Frequency, Class, Power, and Signal. Includes stations like N51A, Oil Creek Stat, Oil Creek Stat, etc.

G65A	comp=Z,37nm,1.5s	Iamb	Iamb	14 56 33.9			
L42A	Oliver, Polo	69.16 342	P	P	14 56 10.6 -0.4		
L42A	comp=Z,19nm,0.7s	Iamb	Iamb	14 56 11.2			
BNM	Barren Site	69.17 326	P	P	14 56 13.3 +1.8		
G62A	West of Eustis	69.23 357	P	P	14 56 12.4 +1.0		
G62A	comp=Z,30nm,1.4s	Iamb	Iamb	14 56 14.5			
PKME	Peaks-Kenny Pk	69.23 358	P	P	14 56 11.7 +0.5		
PKME	Peaks-Kenny Pk	69.23 358	P	P	14 56 11.8 +0.5		
LENM	Lemitar	69.36 325	P	P	14 56 14.9 +2.3		
H9A	Point Hope	69.39 348	P	P	14 56 11.6 -0.7		
H9A	comp=Z,28nm,0.6s	Iamb	Iamb	14 56 12.6			
K43A	Burlington	69.46 343	P	P	14 56 12.7 -0.1		
GBN	Guyborough	69.53 4	P	P	14 56 13.3 +0.2		
PLVO	Plevna	69.57 352	P	P	14 56 14.1 +0.6		
SADO	Sadowa	69.58 351	P	P	14 56 13.7 +0.2		
SADO	comp=Z,18nm,0.5s	Iamb	Iamb	14 56 14.1			
L40A	Anamosa	69.67 341	P	P	14 56 14.1 0.0		
L40A	comp=Z,46nm,1.1s	Iamb	Iamb	14 56 14.6			
ANMO	Albuquerque	69.71 326	P	P	14 56 16.4 +1.7		
ANMO	comp=Z,55nm,1.8s	pmx	pmx				
ANMO	Albuquerque	69.71 326	P	P	14 56 16.5 +1.7		
ANMO	Albuquerque	69.71 326	P	P	14 56 16.1 +1.3		
ANMO	comp=Z,18nm,0.8s	Iamb	Iamb	14 56 17.1			
CBKS	Cedar Bluff	69.79 333	P	P	14 56 15.8 +0.8		
CBKS	comp=Z,45nm,0.7s	pmx	pmx				
CBKS	Cedar Bluff	69.79 333	P	P	14 56 16.1 +1.1		
CBKS	Cedar Bluff	69.79 333	P	P	14 56 15.8 +0.8		
F64A	Sherman	69.81 359	P	P	14 56 15.1 +0.2		
LMN	Caledonia Moun	69.82 2	P	P	14 56 14.4 -0.5		
LMN	comp=Z,37nm,1.4s	Iamb	Iamb	14 56 20.0			
N35A	Tabor	70.01 337	P	P	14 56 16.3 +0.1		
TUC	Tucson	70.02 322	P	P	14 56 16.8 +0.2		
TUC	comp=Z,48nm,1.5s	pmx	pmx				
TUC	Tucson	70.02 322	P	P	14 56 18.0 +1.4		
TUC	comp=Z,48nm,1.5s	Iamb	Iamb	14 56 16.8 +0.2			
SCIA	State Center	70.14 340	P	P	14 56 17.1 +0.1		
SCIA	State Center	70.14 340	P	P	14 56 16.6 -0.4		
SCIA	comp=Z,25nm,0.9s	Iamb	Iamb	14 56 19.2			
JFWS	Jewell Farm	70.17 342	P	P	14 56 16.9 -0.3		
JFWS	comp=Z,49nm,1.4s	pmx	pmx				
JFWS	Jewell Farm	70.17 342	P	P	14 56 17.3 +0.1		
JFWS	Jewell Farm	70.17 342	P	P	14 56 16.9 -0.3		
T25A	Trinidad	70.46 329	P	P	14 56 20.9 +1.6		
T25A	Trinidad	70.46 329	P	P	14 56 20.4 +1.0		
TRQ	Mont Tremblant	70.48 355	P	P	14 56 19.0 0.0		
N33A	J Bar K, Exete	70.56 336	P	P	14 56 20.0 +0.4		
N33A	comp=Z,19nm,0.8s	Iamb	Iamb	14 56 20.6			
K38A	Parkersburg	70.67 340	P	P	14 56 19.5 -0.6		
K38A	comp=Z,21nm,0.6s	Iamb	Iamb	14 56 20.6			
H42A	Draeger Farm,	70.72 343	P	P	14 56 20.3 -0.1		
H42A	comp=Z,37nm,0.7s	Iamb	Iamb	14 56 21.1			
214A	Organ Pipe Nat	70.93 320	P	P	14 56 24.1 +2.1		
H43A	Windswept, Lux	70.97 345	P	P	14 56 21.2 -0.7		
G45A	Suttons Bay	71.02 346	P	P	14 56 21.8 -0.4		
G45A	comp=Z,25nm,0.9s	Iamb	Iamb	14 56 22.6			
D62A	Allapoint, All	71.04 359	P	P	14 56 22.4 +0.1		
H40A	Norwalk	71.17 342	P	P	14 56 22.8 -0.4		
K3C0	Kaye Shedlock'	71.18 331	P	P	14 56 24.9 +1.3		
K3C0	comp=Z,20nm,0.8s	Iamb	Iamb	14 56 25.7			
K3C0	Kaye Shedlock'	71.18 331	P	P	14 56 24.5 +0.9		
K3C0	comp=Z,28nm,0.7s	Iamb	Iamb	14 56 25.7			
BATG	Bathurst New B	71.22 1	P	P	14 56 23.8 +0.4		
L34A	Swendsen Farm,	71.25 337	P	P	14 56 23.5 -0.1		
L34A	comp=Z,46nm,0.8s	Iamb	Iamb	14 56 25.2			
BGNE	Belgrade	71.40 336	P	P	14 56 25.4 +0.7		
BGNE	comp=Z,150,SNR=20						
SDCO	Great Sand Dun	71.46 329	P	P	14 56 25.0 +0.3		
SDCO	Great Sand Dun	71.46 329	P	P	14 56 27.2 +1.8		
SDCO	Great Sand Dun	71.46 329	P	P	14 56 26.7 +1.3		
W18A	Petrified Fore	71.55 324	P	P	14 56 27.7 +1.8		
W18A	comp=Z,25nm,0.9s	Iamb	Iamb	14 56 27.1 +1.3			
W18A	Petrified Fore	71.55 324	P	P	14 56 28.4		
X16A	Lo Mia Camp, P	71.95 323	P	P	14 56 28.6 +0.3		
X16A	comp=Z,29nm,1.0s	Iamb	Iamb	14 56 31.8			
E46A	Sault Ste Mari	72.01 348	P	P	14 56 28.0 -0.1		
H13A	Mohawk Valley,	72.08 320	P	P	14 56 30.3 +1.4		
S22A	4UR Ranch, Cre	72.10 328	P	P	14 56 30.8 +1.5		
S22A	comp=Z,142,SNR=7						
I37A	Lemond, Waseca	72.10 340	P	P	14 56 28.5 -0.2		
Q24A	Divide	72.27 330	P	P	14 56 32.0 +1.7		
Q40A	Rib Lake	72.33 343	P	P	14 56 29.5 -0.6		
Q40A	comp=Z,36nm,1.5s	Iamb	Iamb	14 56 31.6			
MVCO	Wickenburg	72.48 321	P	P	14 56 32.0 +0.7		
MVCO	Mesa Verde	72.50 326	P	P	14 56 33.2 +1.6		
MVCO	comp=Z,141,SNR=19						
MVCO	Mesa Verde	72.50 326	P	P	14 56 32.1 +0.5		
E43A	Lone Tree Farm	72.59 346	P	P	14 56 31.4 -0.1		
E43A	comp=Z,29nm,0.7s	Iamb	Iamb	14 56 32.6			
VLD0	Val d'Or	72.65 353	P	P	14 56 32.2 +0.4		
KOWA	Kowa	72.66 65	P	P	14 56 32.5 -0.2		
K31A	O'Neill	72.68 336	P	P	14 56 32.9 +0.6		
WUAZ	Wupatki	72.73 323	P	P	14 56 35.1 +2.2		
WUAZ	comp=Z,138,SNR=18						
WUAZ	Wupatki	72.73 323	P	P	14 56 33.7 +0.8		
WUAZ	comp=Z,23nm,0.9s	Iamb	Iamb	14 56 35.7			
COWI	Conover	72.83 344	P	P	14 56 32.9 -0.1		
ECSD	EROS Data Cent	72.89 338	P	P	14 56 33.7 +0.3		
ECSD	EROS Data Cent	72.89 338	P	P	14 56 33.4 0.0		
ECSD	comp=Z,33nm,1.2s	Iamb	Iamb	14 56 34.3			
GLA	Glamis	72.91 319	P	P	14 56 35.5 +1.6		
SPMN	Marine on St.	73.02 341	P	P	14 56 34.0 -0.2		
SPMN	comp=Z,156						
SPMN	Marine on St.	73.02 341	P	P	14 56 33.9 -0.2		
SPMN	comp=Z,21nm,0.8s	Iamb	Iamb	14 56 34.6			
ISCO	Idaho Springs	73.16 330	P	P	14 56 35.1 -0.4		
ISCO	comp=Z,14nm,1.0s	pmx	pmx				
ISCO	Idaho Springs	73.16 330	P	P	14 56 37.1 +1.6		
ISCO	Idaho Springs	73.16 330	P	P	14 56 35.0 -0.4		
ISCO	Idaho Springs	73.16 330	P	P	14 56 36.7 +0.3		
SMCO	Snowmass	73.30 329	P	P	14 56 39.1		
SMCO	comp=Z,17nm,0.7s	Iamb	Iamb	14 56 39.1			
SYO	Syowa Base	73.34 159	eP	eP	14 56 36.6 +0.8		
SYO	Syowa Base	73.34 159	eP	eP	14 56 47.4 -3.8		
SYO	Syowa Base	73.34 159	eP	eP	14 57 18.4 +1.1		
IKP	In-Ko-Pah, Jac	73.39 318	P	P	14 56 38.9 +2.1		
IKP	comp=Z,134,SNR=5.2						
PDMCI	Parker Dam,Lak	73.39 321	P	P	14 56 38.5 +1.9		
PDMCI	comp=Z,136						

SWSC	Sam W. Stewart	73.41 319	P	P	14 56 38.6 +1.9		
D41A	Chassel	73.59 345	P	P	14 56 38.0 +0.5		
DRLN	Deer Lake	73.70 7	P	P	14 56 38.0 0.0		
BC3	Big Chukcawall	73.70 320	P	P	14 56 40.5 +1.9		
MONP2	Monument Peak	73.75 318	P	P	14 56 40.7 +1.8		
BAR	Barrett	73.76 318	P	P	14 56 40.1 +1.4		
F36A	Milica	73.81 341	Iamb	Iamb	14 56 39.3 +0.4		
F36A	comp=Z,22nm,0.8s						
W13A	Hualapai Moun	73.82 322	P	P	14 56 40.5 +1.1		
IRM	Iron Mountain	73.87 320	P	P	14 56 41.5 +2.0		
U15A	North Rim	73.90 323	P	P	14 56 41.4 +1.6		
NEE2	Needles Airpor	74.00 321	P	P	14 56 41.6 +1.5		
109C	Camp Elliot, M	74.16 318	P	P	14 56 42.7 +1.6		
N23A	Red Feather, L	74.19 330	P	P	14 56 43.1 +1.7		
N23A	comp=Z,144,SNR=9.9						
BELC	Belle Mtn. Jos	74.27 319	P	P	14 56 43.9 +2.1		
SUSD	Miller	74.33 337	P	P	14 56 41.9 +0.1		
SUSD	Miller	74.33 337	P	P	14 56 41.9 +0.1		
SUSD	Miller	74.33 337	P	P	14 56 42.7		
VNDA	Vanda	74.41 190	P	P	14 56 43.9 +1.9		
VNDA	comp=Z,9.6nm,0.8s,baz=126,slow=5.6,SNR=40						
VNDA	Vanda	74.41 190	P	P	14 56 42.2 +0.3		
GMRC	Granite Mounta	74.42 320	P	P	14 56 46.1 +2.3		
KNB	Kanab	74.62 324	P	P	14 56 45.6 +1.7		
KNB	comp=Z,66nm,1.2s	pmx	pmx				
KNB	Kanab	74.62 324	P	P	14 56 45.6 +1.7		
KNB	comp=Z,66nm,1.2s	Iamb	Iamb	14 56 48.5			
F33A	5 Mile Ranch,	74.64 339	P	P	14 56 43.4 -0.2		
O20A	White River Ci	74.65 328	P	P	14 56 45.9 +1.8		
O20A	White River Ci	74.65 328	P	P	14 56 45.3 +1.3		
O20A	comp=Z,26nm,0.8s	Iamb	Iamb	14 56 46.5			
MURC	Murrieta	74.71 318	P	P	14 56 46.3 +2.0		
LCMT	Little Creek M	74.85 323	P	P	14 56 46.6 +1.4		
SRU	San Rafael Swe	74.98 326	P	P	14 56 46.3 +0.3		
SRU	comp=Z,26nm,0.6s	pmx	pmx				
SRU	San Rafael Swe	74.98 326	P	P	14 56 46.3 +0.3</		

30d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WVOR, AKASG, and many others.

2015 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like J20K, AKASG, and many others.

1834

Table with columns for station name, frequency, power, and other technical details. Includes stations like HYB, DGZ, and many others.

30d 16h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VNA3, VNA2, MKAR, ZALV, ARCES, FINES, KEST.

TUL 30 16:23:12.7:0.8,35.78N:0.04:98.51W:0.05,h0km,7km, ML2.5,mb,Lg2.39(NEIC),Error ellipse: s-maj=5.6km s-min=5.4km az=63.0

NEIC 30 16:23:12.8:1.0,35.77N:0.003:98.52W:0.05,h3km,7km, Error ellipse: s-maj=6.0km s-min=3.3km az=57.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BCOK, CROK, OK025, FNO, G02, KA14, X34A, OK031, KAN10, KAN17, W35A, KAN13, KAN01, KAN08, QUOK, KAN09, T35A, LOOK, TUL1, R32A, X37A, ABTX, U38A, U38A, S39A, T25A, MGMO, T42A.

BUI 30 16:27:20.9:0.0,36.47N:70.56E,h120km,mb4.8/6, mb4.4/8

IDC 30 16:27:22.8:3.5,36.26N:71.18E,h95km,27km,mb3.6/10, mb1.3/6,mb1mx3.3/6,mbtmp4.0/16,Error ellipse: s-maj=28.9km s-min=19.8km az=160.0

NEIC 30 16:27:26.2:4.36,52N:106.6:0.09,h126km,5km, mb4.3/20,Error ellipse: s-maj=10.6km s-min=8.4km az=118.0

NNC 30 16:27:31.4:2.4,36.95N:71.12E,h139km,20km,mb3.3, mpv4.2,Error ellipse: s-maj=21.1km s-min=11.3km az=26.0

IDC 30 16:27:27.6:0.5,36.50N:105.7:1.6E:0.06,h150km,n100, z=254/101,mb3.9/16,8C-5D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GAR, KBL, CHGR, CEP, DRK, CHCP, NIL, BTK, THW, SARR, KSH, KSH, KSH, TAS, AML, UCH, EK52, KK02, KK02, KKAR, AAK, AAK, BHK, KBK, FRU1, BOOM, CHMS, USP, TKM2, TKM2, KDJ, MDOE, PRZG, PDG, KUDL, KUDL, AJMI, GEYT, GEYT, GYA0B, OTUK, MAZK, MAZK, MAZK, MK31, MK31, MKAR, MKAR, DANN, KOLN, GKN, BHPH, BHPH, BHPH, WMQ, WMQ, WMQ, DMN.

2015 NOV

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KKN, PKIN, PKI, KURBB, GUN, AB31, AB31, ABKAR, ABKAR, KURK, JIRN, RAMM, BRV, BRV, BRV, ODAN, AKTO, AKTO, BOK, BOK, ZAAO, ZAAO, ZALV, ZALV, ARU, ARU, HHC, HHC, HHC, AKASO, AKASO, NR1K, NR1K, BURAR, BURAR, FIAT, FINES, FINES, FINES, ARCES, ARCES, ARCES, MSEY, MSEY, NC405, NC405, NC303, NC303, NB201, NB201, NOA, NOA, NC204, NC204, TORO, TORO, INK, INK, INK, YKA, YKA, ASAR, ASAR, IDC 30 16:39:48.4:1.2,2.97S:137.99E,h0km,mb4.0/7, mb1.4/3/1,mb1mx3.9/43,mbtmp4.1/11,ML4.5/4,MS2.7/4, MS1.7/4,ms1mx2.4/29,Error ellipse: s-maj=37.6km s-min=18.3km az=109.0

1836

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SIJI, BATI, BATI, FITZ, WRA, WRA, ASAR, ASAR, LEM, LEM, MKAR, MKAR, AEIC 30 16:50:02.0:1.53:8N:0.1:157.3W:0.2,h12km,9km, Error ellipse: s-maj=22.4km s-min=10.5km az=153.0, NEIC 30 16:49:59.5:1.1,53.77N:0.10:157.4W:0.2,h17km,9km, ML3.5/13,ML3.7(AEIC),Error ellipse: s-maj=19.0km s-min=9.5km az=135.0, South of Alaska

Table with columns for station name, frequency, power, and other technical details. Includes stations like CPUP Villa Florida, VA05 Santo Domingo, and various other call signs.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BELC Belle Mtn. Jos, GYMR Granite Mounta, and various other call signs.

Table with columns for station name, frequency, power, and other technical details. Includes stations like N25K Chitina, HARP HAARP, and various other call signs.

MAN 30 17:04:05.1, 17:57N-121:41E, h27km, mb4.6, ML3.5, MS3.3
NEIC 30 17:04:10.5-2.1, 17:70N-108:121.8E-0.2, h81km, 8km, mb4.2/6, Error ellipse: s-maj=26.3km s-min=11.1km az=87.0

Table with columns for Code, Station Name, A, Z, Phase ID, Time, Res. Includes stations like TGY Tagaytay City, TGY 27m, 0.3s, and various other call signs.

PDGK Podgornoye 6.72 59 fLg Lg 17 52 22.3
AB31 Akbulak array 12.26 322 fPn Pn 17 51 39.6 -2.7

comp=Z,25nm,18.1s,baz=534,slow=34

ANF 30 18:36:22.9,0.2,48.18N,122.40W,h10km,3km,ML2.9/8,
Error ellipse: s-maj=2.4km s-min=2.3km az=89.0

NEIC 30 18:00:44.0,4.0,6.36730N,0.008,98.06W,0.02,h5km,1km,
mb_Lg,2.3/4,Error ellipse: s-maj=3.0km s-min=2.4km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Grant County #, Carrier, Manchester OK, Anthony SW Sta, etc.

NEIC 30 18:26:23.4,1.9,48.19N,122.36W,0.02,h16km,4km,
Error ellipse: s-maj=1.8km s-min=1.8km az=155.0

PGC 30 18:36:24.1,0.3,48.19N,122.36W,h16km,ML3.0,
ML2.3/25,65km northeast of Seattle, Wa Washington

ISC 30 18:36:23.5,0.8,48.21N,122.37W,0.01,h18km,5km,
n166,1905/224,Washington

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Skagit Valley, Bryant, South Whidbey, etc.

IDC 30 18:30:10.5,1.0,58.38N,31.82W,h0km,mb3.77,
mb1.3/9.8,mb1mx3.744,mbtmp3.8/8,ML4.1/1,MS3.6/18,

NEIC 30 18:17:13.2,1.8,58.54N,0.09,32.1W,0.1,h14km,5km,
mb4.4/17,Error ellipse: s-maj=15.6km s-min=6.3km

ISC 30 18:12:3.0,7.5855N,0.13190W,0.08,h13km,n47,
r161/26,mb4.2/16,MS3.5/14,Reykjanes Ridge

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Narsarsuaq, Borg, SFJD, etc.

comp=Z,25nm,18.1s,baz=534,slow=34

ANF 30 18:36:22.9,0.2,48.18N,122.40W,h10km,3km,ML2.9/8,
Error ellipse: s-maj=2.4km s-min=2.3km az=89.0

PNSN 30 18:36:23.9,48.21N,122.35W,h16km,MD2.7, Fault plane
solution: NP 1.3,140.00000,820.00000,lambda.00000

SEA 30 18:36:23.9,1.8,48.21N,122.35W,0.02,h16km,4km,
ML3.0/107,ML2.7/40(NEIC),Error ellipse: s-maj=2.0km

NEIC 30 18:26:23.4,1.9,48.19N,122.36W,0.02,h16km,4km,
Error ellipse: s-maj=1.8km s-min=1.8km az=155.0

PGC 30 18:36:24.1,0.3,48.19N,122.36W,h16km,ML3.0,
ML2.3/25,65km northeast of Seattle, Wa Washington

ISC 30 18:36:23.5,0.8,48.21N,122.37W,0.01,h18km,5km,
n166,1905/224,Washington

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SVOH, B05A, B05A, etc.

HOPB Bowen Island 1.35 333 S Sn 18 37 04.1 -0.6

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BIB, FMW, OBSR, etc.

NOU 30 18:41:24.8, 18.79S, 169.56E, h237km, MLV3.8/10,
Vanatu Islands

IDC 30 18:41:32.0,14.0, 18.83S, 168.33E, h250km,28km,
mb3.5/4,mb1.3/6.5,mb1mx3.1/35,mbtmp4.0/5,Error

ISC 30 18:41:24.5,2.7, 18.77S, 169.33E, h250km,n12,
r1509/13,mb3.7/4, Vanatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTV, DVP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Taoyuan, Tuku, Ludao, Tsauhsan, etc.

NNC 30 19:39:28.9-3.6, 37.93N-74.63E, h0km, mb3.7, mpv3.3, 5C-3D, Error ellipse: s-maj=29.3km s-min=20.7km az=141.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK, MRKS, TKM2, KST, DGS, IUG, MDOK, etc.

NNC 30 19:43:27.5-3.6, 36.38N-70.49E, h189km, 72km, mb2.7, mpv3.6, 3C-3D, Error ellipse: s-maj=37.9km s-min=19.7km az=13.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK02, AAK, TKM2, AB31, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Takarajima, Amami Oshima, Tokunoshima, etc.

ANF 30 19:47:10.9-0.5, 36.33N-99.23W, h0km, ML4.2/6, Error ellipse: s-maj=6.7km s-min=5.1km az=108.0

NEIC 30 19:47:11.4-0.8, 36.40N-0.02-99.23W, h0km, 2km, Error ellipse: s-maj=6.0km s-min=3.3km az=258.0

TUL 30 19:47:11.4-1.2, 36.35N-0.05-99.22W, h0km, 3km, ML3.3, mb, Lg3.0/58(NEIC), Error ellipse: s-maj=7.1km s-min=2.0km az=150.0

ISC 30 19:47:10.6-0.5, 36.37N-0.03-99.30W, h10km, n100, s=1936/96, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U32A, U32A, OK032, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LOOK, KSU1, KSU1, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and Time. Includes stations like Kaye Shedlock, Mountain Grove, Belgrade, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and Time. Includes stations like Sevierville, Lac du Bonnet, SADO, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and Time. Includes stations like Punta Arditia, Macarena, Betania, etc.

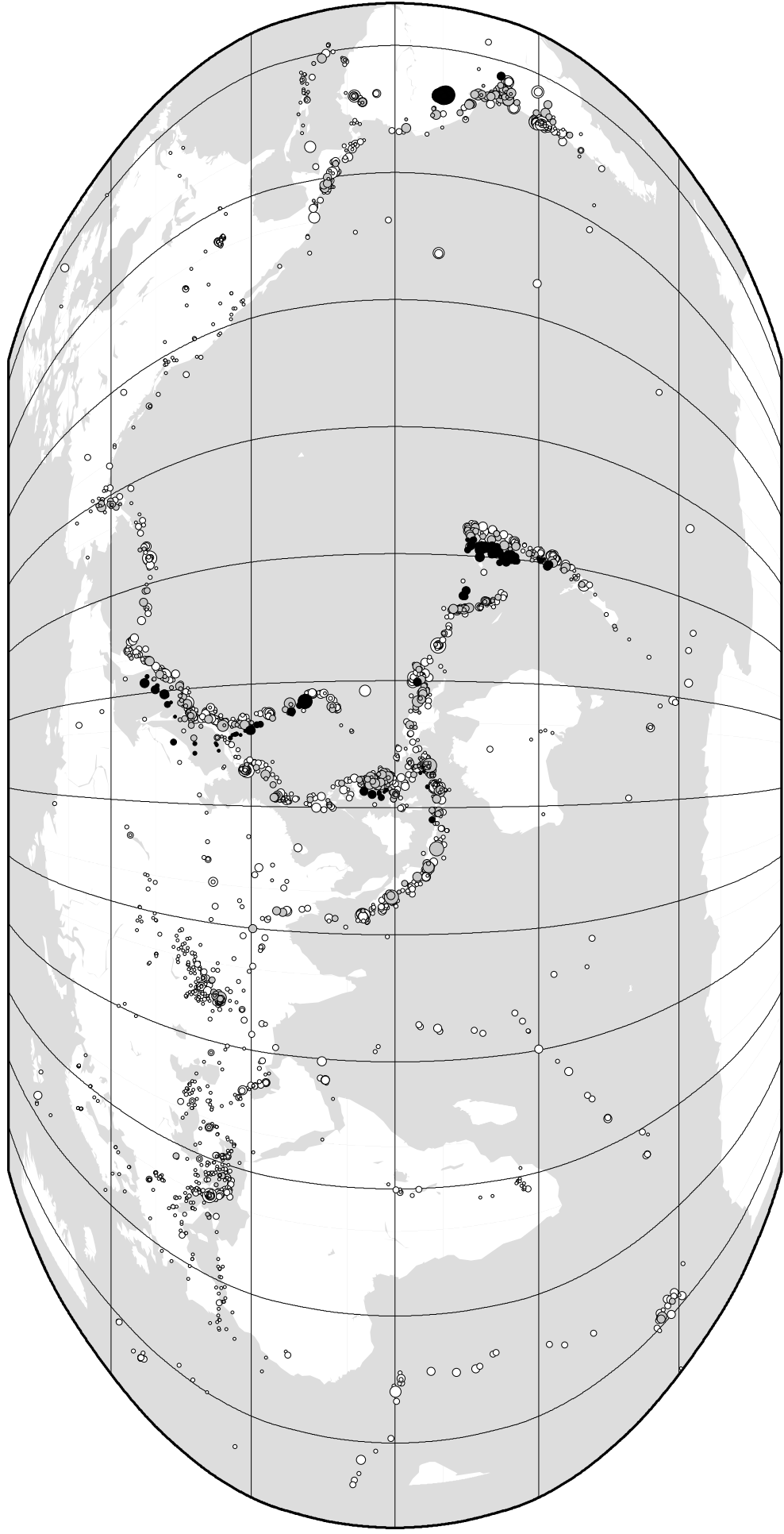
USRK	Ussuriysk Ar.	64.56 333	P	P	22 33 26.2 +0.9
KIWB	Kanaga Island	65.17 11	P	P	22 33 29.3 +0.2
VNDA	Vanda	65.42 181	P	P	22 33 30.4 +0.1
VNDA	comp-Z,1.8nm,0.9s,baz=327,slow=6,SNR=3.8				
VNDA	Vanda	65.42 181	P	P	22 33 30.4 +0.1
PETK	Petrovavljovsk	65.51 354	P	P	22 33 31.0 -0.2
PETK	comp-Z,6.0nm,0.8s,baz=171,slow=12,SNR=4.8				
PETK	Petrovavljovsk	65.51 354	P	P	22 33 31.6 +0.4
MDJ	MDJ	65.98 332	P	P	22 33 35.8 +1.4
MDJ	comp-Z,1.7nm,0.9s				
MDJ	MDJ	65.98 332	I	Amb	22 33 36.3
MDJ	comp-Z,1.20nm,4.1s				
MDJ	Mudanjiang	65.98 332	I	Amb	22 33 36.3
ATKA	Atka Island	66.08 12	P	P	22 33 34.9 +0.1
WHN	Wuhan	66.17 311	P	P	22 33 36.0 +0.1
CN2	Changchun	67.41 329	eP	P	22 33 42.5 -0.9
CN2	comp-Z,10.0nm,0.9s				
NIKH	Nikolski High	68.05 15	P	P	22 33 46.9 -0.2
ENH	Enshi	69.68 309	I	Amb	22 33 58.6
GYA	Guiyang	71.19 304	P	P	22 34 01.5 +0.5
GYA	comp-Z,14nm,0.7s				
CSI	Gumungisitoli	70.36 276	P	P	22 34 01.4 -0.8
CSI	comp-Z,13nm,0.7s				
SPIA	Saint Paul Is	71.56 13	P	P	22 34 08.3 -0.1
XAN	Xi'an	71.90 312	P	P	22 34 11.3 +0.3
XAN	comp-Z,12nm,0.6s				
KMI	Kunming	72.89 301	P	P	22 34 18.5 +1.3
KMI	comp-Z,15nm,0.9s				
HHC	Hu-ho-hao-te	73.58 319	eP	P	22 34 24.0 +3.2
HHC	comp-Z,5.0nm,0.8s				
HHC	HHC	73.58 319	eP	P	22 34 24.0 +3.2
CMAR	Chiang Mai Arr	73.83 293	P	P	22 34 23.3 +0.7
CMAR	comp-Z,4.2nm,0.6s,baz=118,slow=4.4,SNR=24				
CMAR	Chiang Mai Arr	73.83 293	P	P	22 34 22.6 0.0
CHTO	Chiang Mai	73.95 294	P	P	22 34 23.7 +0.4
BTO	Baotou	74.44 318	eP	P	22 34 28.3 +2.5
BTO	comp-Z,12nm,0.6s				
OHAK	Old Harbor	76.43 21	P	P	22 34 36.4 0.0
OHAK	comp-Z,16nm,0.8s				
LZH	Lanzhou	76.53 312	P	P	22 34 39.8 +2.0
LZH	comp-Z,2.7nm,1.3s				
P18K	Big Mountain,	77.48 19	P	P	22 34 42.2 -0.2
QSPA	South Pole Qui	77.86 180	P	P	22 34 44.0 -0.6
QSPA	comp-Z,24nm,1.1s				
N19K	Bonanza Creek	78.84 18	P	P	22 34 50.7 +0.9
N19K	comp-Z,21s				
N19K	Bonanza Creek	78.84 18	P	P	22 34 49.4 -0.4
O20K	Slope Mountain	78.85 19	P	P	22 34 50.8 +0.9
ANM	Nome	79.28 12	P	P	22 34 52.5 +0.5
ANM	comp-Z,20nm,0.7s				
ANM	Nome	79.28 12	P	P	22 34 52.5 +0.5
ANM	ANM	79.28 12	I	Amb	22 34 53.9
L19K	White Mountain	79.81 17	P	P	22 34 55.5 +0.6
L19K	comp-Z,16nm,1.0s				
L19K	White Mountain	79.81 17	P	P	22 34 54.3 -0.7
L19K	White Mountain	79.81 17	I	Amb	22 34 58.2
CAPN	Captain Cook N	79.85 19	P	P	22 34 55.6 +0.6
CAPN	comp-Z,12nm,0.9s				
BILL	Bilibino	79.98 360	P	P	22 34 55.2 -0.5
ULN	Ulaanbaatar	80.02 324	P	P	22 34 56.5 0.0
TTA	Tatalina	80.09 16	P	P	22 34 56.5 0.0
TTA	comp-Z,21s				
TTA	Tatalina	80.09 16	P	P	22 34 56.3 -0.2
TTA	comp-Z,9.7nm,0.9s				
O22K	Cooper Landing	80.11 20	P	P	22 34 56.8 +0.4
O22K	comp-Z,23s				
L20K	Farewell, AK	80.33 17	P	P	22 34 57.9 +0.2
SONM	Songino Array	80.38 323	P	P	22 34 58.9 +0.4
GTA	Gaotai	80.83 314	eP	P	22 35 02.5 +1.5
GTA	comp-Z,2.7nm,0.7s,baz=133,slow=6.3,SNR=5.1				
GTA	Gaotai	80.83 314	eP	P	22 36 08.5 +4.4
GTA	Gaotai	80.83 314	eP	P	22 36 31.5 -0.8
GTA	Gaotai	80.83 314	eP	P	22 38 08.5 -1.1
GTA	comp-Z,7.0nm,1.2s				
M22K	Willow	80.92 19	P	P	22 35 00.1 -0.4
PMR	Palmer	81.12 20	P	P	22 35 00.3 -0.4
PMR	Palmer	81.12 20	P	P	22 35 01.7 0.0
PMR	Palmer	81.12 20	P	P	22 35 00.8 -1.0
PMR	Palmer	81.12 20	I	Amb	22 35 04.1
PPLA	Purkeypile	81.14 18	P	P	22 35 02.2 +0.1
PPLA	comp-Z,13nm,0.7s				
PPLA	Purkeypile	81.14 18	I	Amb	22 35 02.0 -0.1
PPLA	Purkeypile	81.14 18	I	Amb	22 35 08.3
KNK	Knik Glacier	81.21 20	P	P	22 35 02.2 -0.1
GLI	Glacier Island	81.29 21	P	P	22 35 02.5 -0.3
GHO	Glory Hole Cre	81.32 19	I	Amb	22 35 04.4
CUT	Chulitna	81.36 19	P	P	22 35 02.6 -0.4
CUT	Chulitna	81.36 19	P	P	22 35 01.3 -1.7
FID	Port Fidalgo	81.42 21	P	P	22 35 03.2 -0.2
SML	Sawmill	81.54 20	P	P	22 35 03.9 -0.2
SML	Sawmill	81.54 20	P	P	22 35 03.1 -1.0
SML	Sawmill	81.54 20	I	Amb	22 35 04.7
CAST	Castle Rocks	81.58 17	P	P	22 35 03.6 -0.6
CAST	comp-Z,13nm,0.6s				
CAST	Castle Rocks	81.58 17	P	P	22 35 03.7 -0.6
J20K	Novinta River	81.59 16	P	P	22 35 03.9 -0.3
J20K	comp-Z,21s				
J20K	Novinta River	81.59 16	P	P	22 35 04.9 -0.7
J20K	Novinta River	81.59 16	I	Amb	22 35 07.0
CHUM	Lake Minchumir	81.87 17	P	P	22 35 05.5 -0.1
CHUM	comp-Z,15nm,0.7s				
SCM	Sheep Creek Mo	81.89 20	P	P	22 35 06.2 +0.2
SCM	comp-Z,22s,SNR=5.4				
SCM	Sheep Creek Mo	81.89 20	P	P	22 35 04.8 -1.2
SCM	Sheep Creek Mo	81.89 20	P	P	22 35 06.6 +0.5
HMT	Hamilton	81.93 22	P	P	22 35 17.1
KTH	Kantishna Hill	82.02 18	P	P	22 35 05.7 -0.9
KTH	comp-Z,29nm,1.1s				
KTH	Kantishna Hill	82.02 18	I	Amb	22 35 07.3
KLU	Klutina	82.13 21	P	P	22 35 07.3 +0.1
KLU	comp-Z,12nm,0.7s				
KLU	Klutina	82.13 21	I	Amb	22 35 07.1 -0.1
KLU	Klutina	82.13 21	I	Amb	22 35 08.0
TRF	Thorofare Moun	82.13 18	P	P	22 35 06.8 -0.4
TRF	comp-Z,9.6nm,0.8s				
TRF	Thorofare Moun	82.13 18	P	P	22 35 06.7 -0.6
TRF	Thorofare Moun	82.13 18	I	Amb	22 35 08.2
BMRM	Bremner River	82.23 22	P	P	22 35 07.6 -0.1
BMRM	comp-Z,17nm,0.8s				
BMRM	Bremner River	82.23 22	I	Amb	22 35 10.5
BPBW	Bear Paw Mtn.	82.41 17	P	P	22 35 08.7 +0.1
M24K	Tolsona, Glenn	82.47 20	P	P	22 35 09.8 +0.9
M24K	comp-Z,22s,SNR=5.7				
N25K	Chitina, Valde	82.67 21	P	P	22 35 10.3 +0.3
MESA	MESA	82.69 23	P	P	22 35 10.4 +0.1
MESA	comp-Z,22s,SNR=9.0				
MESA	MESA	82.69 23	P	P	22 35 10.4 +0.1

MCK	McKinley	82.75 18	P	P	22 35 10.1 -0.2
MCK	McKinley	82.75 18	I	Amb	22 35 10.8
DHY	Denali Highway	82.76 19	P	P	22 35 10.6 +0.1
DHY	Denali Highway	82.76 19	I	Amb	22 35 11.1
ISLE	Isle of Sheba	82.82 23	P	P	22 35 10.6 -0.3
VRDI	Verde Repeater	82.82 22	I	Amb	22 35 11.3
GLB	Gilahina Butte	82.83 21	I	Amb	22 35 11.8
I21K	Tanana	82.96 16	P	P	22 35 11.8 +0.5
HARP	HAARP	83.02 20	P	P	22 35 11.9 +0.2
O02D	Mt. Diablo Mer	83.03 47	P	P	22 35 13.4 +1.1
MCARA	McCarthy VSAT	83.08 22	P	P	22 35 11.9 -0.1
MCARA	McCarthy VSAT	83.08 22	I	Amb	22 35 16.0
H21K	Melozitina Rive	83.11 16	I	Amb	22 35 13.7
MLY	Manley	83.19 17	P	P	22 35 12.6 0.0
LO2E	Cave Junction	83.22 44	P	P	22 35 13.9 +0.7
PINM	Pinnacle	83.30 24	P	P	22 35 13.2 0.0
PAX	Paxson	83.31 20	P	P	22 35 12.5 -0.8
NEA2	Nenana	83.34 17	P	P	22 35 12.4 -0.8
NEA2	Nenana	83.34 17	I	Amb	22 35 13.0
PKM	Mpchspon Peak	83.35 52	P	P	22 35 15.0 +0.7
WDC	Whiskeytown Da	83.36 46	P	P	22 35 13.0 -0.8
WDC	Whiskeytown Da	83.36 46	I	Amb	22 35 15.6
PNL	Peninsula	83.37 24	P	P	22 35 13.4 -0.2
K02D	Williamette Mer	83.39 44	P	P	22 35 14.8 +0.7
N02D	Trinity Center	83.39 46	P	P	22 35 15.0 +0.8
J01E	Myrtle Point	83.39 43	P	P	22 35 14.9 +0.9
M02C	Callahan	83.44 45	P	P	22 35 15.5 +1.1
I23K	Minto, Yukon-K	83.67 17	P	P	22 35 14.2 -0.6
VBH	Yreka Blue Hor	83.67 45	P	P	22 35 16.1 +0.5
ORV	Oroville	83.72 47	I	Amb	22 35 17.0
M26K	Nabesna, AK	83.76 21	P	P	22 35 15.8 +0.3
M26K	Nabesna, AK	83.76 21	I	Amb	22 35 16.7
O03E	Paynes Creek	83.77 47	P	P	22 35 16.5 +0.4
H09A	Harding Lake	83.84 18	P	P	22 35 15.6 -0.2
MENT	Mentasta	83.87 20	I	Amb	22 35 17.4
TCOL	CIGO, UAF Yank	83.90 18	P	P	22 35 15.5 -0.5
TCOL	CIGO, UAF Yank	83.90 18	P	P	22 35 14.7 -1.4
I03D	Drain, OR	83.99 43	P	P	22 35 17.6 +0.6
CMB	Columbia Collie	84.00 49	I	Amb	22 35 18.4
RIDG	Independent Ri	84.04 19	P	P	22 35 17.2 +0.3
L26K	Log Cabin Wild	84.06 20	P	P	22 35 17.3 +0.3
L26K	Log Cabin Wild	84.06 20	I	Amb	22 35 17.9
ILAR	Laramie	84.12 18	P	P	22 35 16.6 -0.6
LSA	Lhasa	84.12 302	P	P	22 35 17.1 -1.5
M27K	Edge Creek, AK	84.13 21	P	P	22 35 17.8 +0.3
M27K	Edge Creek, AK	84.13 21	I	Amb	22 35 18.5
L04D	Klamath Falls	84.14 45	P	P	22 35 18.3 +0.4
MAW	Mawson	84.22 202	P	P	22 35 17.6 -0.2
MAW	Mawson	84.22 202	P	P	22 35 18.0 +0.2
YUK3	Moose Creek	84.27 22	P	P	22 35 18.6 +0.3
M04C	Maciel	84.30 45	P	P	22 35 19.6 +0.8
J25K	Salcha River,	84.48 19	P	P	22 35 19.0 -0.1
SCRK	Sand Creek	84.48 19	P	P	22 35 19.1 -0.1
MWC	Mount Wilson	84.50 53	I	Amb	22 35 21.2
BVCY	Beaver Creek	84.53 22	P	P	22 35 19.3 0.0
EMB	Emerald Bay	84.53 48	I	Amb	22 35 21.4
YUK6	Outpost Mounta	84.56 24	P	P	22 35 19.7 0.0
G03D	McMinville, O	84.64 42	P	P	22 35 21.1 +0.8
ISA	Isabella, Lake	84.64 52	P	P	22 35 21.1 0.0
ISA	Isabella, Lake	84.64 52	I	Amb	22 35 22.0
J04D	Umpqua Nationa	84.65 44	P	P	22 35 21.3 +0.7
BEKR	Beckwith	84.65 47	I	Amb	22 35 21.6
I04A	Tendick Farm,	84.66 43	P	P	22 35 21.0 +0.5
YUK4	Talbot Arm	84.69 23	P	P	22 35 20.7 +0.3
H04D	Lebanon	84.72 42	P	P	22 35 21.6 +1.0
EDW2	Edwards Air Fo	84.76 53	P	P	22 35 21.8 +0.6
HYT	Haines Junctio	84.82 24	P	P	22 35 21.0 +0.1
MDPB	Devils Postpil	84.83 50	I	Amb	22 35 23.1
SKAG	Skagway	84.92 26	P	P	22 35 21.5 +0.2
PNTR	Pine Nut	84.94 48	I	Amb	22 35 23.8
J26L	Joseph Creek	84.97 19	P	P	22 35 21.9 +0.4
COLD	Coldfoot	84.98 15	P	P	22 35 21.5 0.0
COLD	Coldfoot	84.98 15	I	Amb	22 35 23.6
F04D	Rainier, OR	85.14 41	P	P	22 35 23.4 +0.7
CRWC	Cottonwood Cre	85.20 51	P	P	22 35 23.7 +0.3
LWMC	Laurel Mtn Rd	85.26 47	P	P	22 35 23.7 +0.3
J05D	Fort Rock, OR	85.26 44	P	P	22 35 24.6 +1.0
TIN	Tinemaha, Big	85.28 51	P	P	22 35 24.4 +0.7
PAHR	Pah Rah Range	85.30 48	I	Amb	22 35 25.4
MONP	Monument Peak	85.39 55	P		

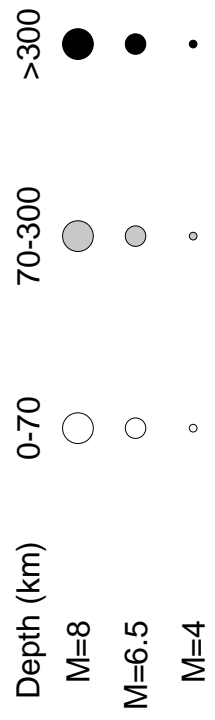
IDC 30 22:57:33.0-4.5,9:40N-83:54W,h0km,mb3.5/3,mb1 3.9/4,
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 s-maj=128.9km s-min=17.2km az=22.0
 ISC 30 22:57:28.8-1.4,10:63N-0:04-82:98W,0:03,h24km±14km,
 n64,ε1555/89,mb3.3/3,4C-12D,North of Panama

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BATAN	Batan	0.66	217	eP	22 57 42.7	+0.1
BATAN				eS	22 57 51.9	+0.5
BATAN	Batan	0.66	217	iP	22 57 42.8	+0.1
BATAN				eS	22 57 50.1	-0.3
MRVA	Moravia de Chi	0.92	210	eP	22 57 46.1	-0.2
CVTR	Volcan Turrial	0.98	232	eP	22 57 47.3	-0.1
RAFA	San Rafael, Vo	1.06	231	iP	22 57 48.5	0.0
RIMA	Rio Macho	1.22	226	iP	22 57 50.8	+0.1
HDC	Heredia	1.28	241	eP	22 57 52.2	-0.1
HDC	Heredia	1.28	241	iP	22 57 52.3	-0.1
HDC				eS	22 58 07.3	-0.6
CNI2	El Empalme, Bo	1.30	157	eP	22 57 52.7	+0.2
CNI2				eS	22 58 07.9	-0.2
CRPO	Crater poas	1.30	251	eP	22 57 52.7	-0.2
CDM	Cerro de Muert	1.32	216	eP	22 57 52.2	0.0
LCR2	La Lucha 2	1.34	229	iP	22 57 52.8	+0.5
LCR2				eS	22 58 08.2	-1.4
DRK0	Durika	1.38	191	eP	22 57 53.3	+0.5
DRK0	Durika	1.38	191	eP	22 57 53.5	+0.5
DRK0				eS	22 58 09.6	-0.9
COVE	Coope Vega, Sa	1.40	274	iP	22 57 53.8	-0.6
COVE				eS	22 58 10.2	-0.5
PEZE	Perez Zeledon,	1.42	209	iP	22 57 53.7	+0.4
SRBA	San Rafael, Bu	1.44	195	iP	22 57 54.0	+0.4
SRBA				eS	22 58 10.9	-0.9
EDBA	Buenos Aires	1.49	191	eP	22 57 55.2	-0.6
POTG	Potrero Grande	1.57	185	eP	22 57 55.9	+0.5
EDDO	Dominical	1.62	213	eP	22 57 57.9	-0.2
EDDO				eP	22 57 58.0	-0.2
EDDO				eS	22 58 18.0	-0.1
FORC	Fortuna	1.67	265	iS	22 58 19.4	-0.2
ARE1	Arenal 1	1.72	265	iP	22 57 59.4	-0.4
ARE1				eS	22 58 18.7	+0.1
EDPN	Palmar Norte	1.72	196	eP	22 57 59.6	-0.2
EDPN				eS	22 58 21.6	+0.6
CASO	Castillo	1.74	264	iP	22 57 59.9	-0.6
CASO				iS	22 58 20.7	-0.9
MLIR3	Monte Lirio, C	1.83	175	eS	22 58 21.4	0.0
BC3P	Paso Ancho	1.84	169	eP	22 58 01.0	-0.9
BC3P				eS	22 58 22.3	+0.5
BRU2	Volcan	1.85	171	eP	22 58 00.8	+1.2
BRU2				eS	22 58 22.2	+0.3
CHGR2	Aguacate	1.87	154	iP	22 58 00.8	+1.4
CHGR2				eS	22 58 23.2	+0.9
LNBO3	Los Naranjos,	1.90	164	eP	22 58 01.6	+1.6
LNBO3				eS	22 58 23.9	+0.7
JACO	JACO, Garabito	1.92	240	iP	22 58 01.6	+1.6
BCO2	Palmira	1.95	167	eP	22 58 02.0	+1.4
BCO2				eS	22 58 24.7	+0.2
JTS	Las Juntas de	1.97	260	iP	22 58 02.3	+1.5
JTS	8.9nm,0.3s,baz=130,slow=16,SNR=23			Lg	22 58 25.3	
JTS	86nm,0.3s,baz=127,slow=20,SNR=54			Lg	22 58 25.3	
JTS	Las Juntas de	1.97	260	iP	22 58 02.3	+1.5
JTS	Las Juntas de	1.97	260	eP	22 58 02.5	-1.6
JTS				eS	22 58 25.3	+0.6
PTEN	Parque Tenorio	1.98	273	iP	22 58 02.0	+1.1
PTEN				iS	22 58 24.9	-0.2
ESPN	Las Esperanzas	2.02	320	eP	22 58 02.7	+1.2
CDITO	Canoas	2.05	177	eP	22 58 03.3	+1.5
LAFE	Finca La Fe, P	2.07	247	iP	22 58 04.5	-1.2
CUI	Cuipilapa	2.15	271	iP	22 58 04.6	+1.4
HORN3	Hornillas	2.17	272	iP	22 58 04.6	+1.1
GUAL3	Gualaca, Chiri	2.19	162	eP	22 58 05.3	+1.5
GUAL3				eS	22 58 30.7	+0.5
LESP3	La Esperanza,	2.22	175	eP	22 58 05.5	+1.3
DVD	David	2.24	167	eP	22 58 06.1	+1.6
DVD				eS	22 58 32.1	+0.7
LOCO3	Loma Colorada,	2.27	166	eP	22 58 06.4	+1.5
CHIR3	Chiriqui UPA,	2.31	164	eP	22 58 07.0	+1.6
CHIR3				eS	22 58 33.5	+0.3
BUEV	Buena Vista	2.39	274	iP	22 58 08.2	+1.5
PTPM	Petroterminal	2.41	178	eP	22 58 08.0	+1.2
PTPM				eS	22 58 35.5	0.0
GBS3	Finca Las Img	2.44	274	iP	22 58 07.4	+0.2
HZTE	Horizontes, Gu	2.58	272	iP	22 58 10.7	+1.6
PRVC	Isla de Provid	3.15	30	eP	22 58 19.2	+2.1
PNME	Penonome	3.37	129	eP	22 58 21.6	+1.5
BCIP	Isla Barro Col	3.42	115	eP	22 58 21.4	+0.7
BCIP	Isla Barro Col	3.42	115	eP	22 58 22.0	+1.3
BCIP				eS	22 58 58.4	-2.1
GAMB1	Gamboa	3.55	115	iP	22 58 24.5	+2.0
GAMB1				eS	22 59 02.4	-1.5
LCBC	Los crdobas,	6.75	105	eP	22 59 09.9	+3.4
LCBC				eS	23 00 20.3	-2.4
MOTC	Monteria, Cord	7.44	104	eP	22 59 18.9	+2.9
MOTC				eS	23 00 32.7	-7.0
DBBC	Dabeiba	7.59	118	eP	22 59 21.0	+2.9
SJCC	San Jacinto, C	7.71	95	eP	22 59 22.2	+2.4
UREC	San Jos de Ur	7.89	111	eP	22 59 24.4	+2.2
APG	El Apazote	8.50	302	Pn	22 59 42.0	+1.1
APG	0.3nm,0.3s,baz=127,slow=11,SNR=3.8			Pn	22 59 42.0	+1.1
ZARC	Zaragoza, Cauc	8.60	111	eP	22 59 34.7	+2.7
ZARC				eS	23 01 03.2	-5.2
TXAR	Lajitas Array	26.83	317	P	23 03 22.1	+1.4
TXAR	0.3nm,0.8s,baz=145,slow=9.5,SNR=4.1			P	23 03 22.1	+1.4
PDAR	Pinedale Array	39.52	329	P	23 05 10.8	+1.3
PDAR	0.5nm,0.8s,baz=146,slow=9.7,SNR=4.1			P	23 05 10.8	+1.3
ESDC	Sonseca Array	74.86	52	P	23 09 22.7	+1.5
ESDC	0.4nm,0.6s,baz=262,slow=6.4,SNR=2.3			P	23 09 22.7	+1.5

ISC Computed Locations for November 2015



Robinson Projection, centred on 0°N, 130°E



3396 Events