

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.

UPA 01 00:02:37.0.0.9, 5.10N, 82.80W, h43km, 125km, MW4.7
UCR 01 00:02:38.4.1.4, 5.33N, 82.77W, h10km, MW4.0
ISC 01 00:02:38.0.1.8, 5.32N, 82.09, 82.76W, 0.10, h10km, n42,

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

Table with columns: MTO3, MTO3, MTO3, etc. Includes stations like Esciquillas, Escay, FAGO, etc.

IDC 01 00:56:05.6.4.8.4.45S, 144.22E, h115km, 40km, mb3.6/6,
mb1 3.9/8, mb1mx3.6/29, mb1mp4.1/8, MS3.4/1, Ms3.4/1,
ms1mx2.4/36, Error ellipse: s-maj=49.4km s-min=18.7km
az=93.0
NEIC 01 00:56:07.2.4.4.5S, 0.1x144.1E, 0.2, h125km, 5km,
mb4.1/12, Error ellipse: s-maj=24.4km s-min=13.6km
az=57.0

ISC 01 00:56:05.0.9.4.2S, 0.10x144.2E, 0.1, h110km, n24,
c085/23, mb3.9/9, Near north coast of New Guinea

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

IDC 01 00:43:13.5.3.6.4.31S, 135.79E, h0km, mb3.0/1,
mb1 3.4/3, mb1mx3.1/33, mb1mp3.1/3, ML3.1/2, Error
ellipse: s-maj=152.1km s-min=33.6km az=80.0, Irian
Jaya region

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

UCR 01 00:48:19.9.1.1, 13.03N, 89.71W, h29km, 4km, ML3.6,
mb3.6(NEIC)
SNET 01 00:48:20.0.1.0, 13.03N, 89.70W, h29km, 4km, ML3.6
NEIC 01 00:48:20.0.5, 12.97N, 89.69W, 0.2, h32km, 26km,
Error ellipse: s-maj=26.4km s-min=6.4km az=64.0

GCG 01 00:48:20.0.5, 12.98N, 89.14W, h4km, 16km, MD3.9
ISC 01 00:48:19.1.1, 8.1295N, 0.07, 89.70W, 0.05, h25km, 13km,
n52, c064/73, 2D, Off coast of central America

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

IDC 01 01:05:35.2.2.8.2, 42N, 126.77E, h0km, mb3.2/3,
mb1 3.4/3, mb1mx3.2/35, mb1mp3.2/3, Error ellipse:
s-maj=270.7km s-min=26.9km az=66.0, Northern
Molucca Sea

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

IDC 01 01:28:43.1.1.0, 35.75N, 0.22E, h8km, 22km, mb4.0/18,
Error ellipse: s-maj=20.3km s-min=6.0km az=155.0,
PRXIMO

CRAIG 01 01:28:43.5.35.63N, 0.36E, ML3.2
ISC 01 01:28:41.4.1.2, 35.66N, 0.06, 0.36E, 0.04, h32km, 9km,
n42, c280/63, Northern Algeria

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

Table with columns: EMAL, EMAL, EMAL, etc. Includes stations like Malaga-Limoner, Chera, Adamuz, etc.

Table with columns: ESDC, ESDC, ESDC, etc. Includes stations like Sonsea Array, Horta de San J, etc.

MAN 01 01:43:37.4, 17.27N, 120.01E, h19km, mb4.4, ML3.3,
MS3.1, 1C, Luzon

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

KRSZO 01 02:43:00.4.0.9, 44.28N, 15.73E, h12km, ML2.9/11, Error
ellipse: s-maj=4.9km s-min=2.8km az=59.0

PRU 01 02:43:01.5.0.0, 44.38N, 15.62E, h0km
VIE 01 02:43:04.9.1.1, 44.50N, 16.18E, h25km, mb2.1/3, ml2.3/8,
Error ellipse: s-maj=8.3km s-min=7.3km az=50.0 112 km
NNW of Split

ISC 01 02:43:00.1.0.9, 44.32N, 0.02, 15.91E, 0.03, h13km, 7km,
n61, c197/97, Northwestern Balkan Peninsula

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

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
VLI	comp=E,18604μm,0.5s					
VLI	Veliai	0.41	31	P	Pn	03 43 13.0 +0.2
VLI						03 43 20.9 -1.1
MNVA	Monemvasia	0.44	42	S	Pn	03 43 13.2 +0.2
MNVA	comp=N,16385μm,0.3s					03 43 21.9
MNVA						03 43 21.9
ANKY	Antikythira,0.5s	0.71	134	P	Pn	03 43 17.4 +1.7
ANKY	Antikythira Is					03 43 28.0 +1.0
ANKY	comp=N,13374μm,0.4s					03 43 30.5
ANKY						03 43 31.9
ANKY	Antikythira Is	0.71	134	P	Pn	03 43 17.6 +1.9
ANKY						03 43 28.0 +1.0
PYL	comp=E,7μm,0.3s					
PYL	PYLOS	0.92	306	P	Pn	03 43 19.9 +1.8
PYL						03 43 33.9 +2.6
PYL	comp=E,4410μm,0.5s					03 43 35.3
PYL						03 43 46.0
PYL	comp=N,3398μm,0.9s					
PYL	PYLOS	0.92	306	P	Pn	03 43 19.9 +1.8
ITM	Ithomi	1.01	324	S	Pn	03 43 21.7 +2.5
ITM						03 43 35.8 +2.5
ITM	comp=N,4986μm,0.3s					03 43 39.4
ITM						03 43 40.2
ITM	comp=E,5252μm,0.3s					
ITM	Ithomi	1.01	324	P	Pn	03 43 21.7 +2.5
ITM						03 43 35.8 +2.5
VLX	comp=E,3μm,0.3s					
VLX	Vlachokerasia	1.03	347	P	Pn	03 43 21.8 +2.3
VLX						03 43 43.0
VLX	comp=E,5468μm,0.6s					03 43 48.7
VLX						03 43 48.7
VLX	comp=N,2839μm,0.8s					
VLX	Vlachokerasia	1.03	347	P	Pn	03 43 22.4 +2.8
KRND	KRANIDI	1.09	21	S	Pn	03 43 22.0 +1.8
KRND						03 43 35.7 +0.8
KRND	comp=E,8434μm,0.4s					03 43 38.1
KRND						03 43 38.2
KRND	comp=N,6561μm,0.4s					
KRND	KRANIDI	1.09	21	P	Pn	03 43 22.0 +1.8
KRND						03 43 36.7 +1.8
YDRA	Hydra	1.17	33	P	Pn	03 43 22.9 +1.7
EPID	Epidavros	1.30	16	P	Pn	03 43 25.8 +2.9
EPID						03 43 41.8 +2.0
IMMV	Iera Moni Meta	1.39	130	S	Pn	03 43 26.5 +2.4
IMMV						03 43 50.8
IMMV	comp=N,3103μm,0.6s					03 43 53.4
IMMV						03 43 53.4
IMMV	comp=N,3412μm,0.4s					
IMMV	Iera Moni Meta	1.39	130	P	Pn	03 43 26.5 +2.4
AHT	Artemida-Makis	1.40	327	P	Pn	03 43 27.8 +3.6
MHLO	Agia Marina, M	1.43	76	P	Pn	03 43 25.9 +1.4
MHLO						03 43 46.9
MHLO	comp=N,6472μm,0.4s					03 43 47.1
MHLO						03 43 47.1
MHLO	comp=E,5049μm,0.4s					
MHLO	Agia Marina, M	1.43	76	P	Pn	03 43 25.8 +1.2
VAM	Vamos	1.57	127	S	Pn	03 43 28.7 +3.0
VAM						03 43 49.9 +4.0
VAM	comp=N,2960μm,0.3s					03 43 56.4
VAM						03 43 57.6
VAM	comp=E,3126μm,0.5s					
VAM	Vamos	1.57	127	P	Pn	03 43 28.5 +2.2
LOUT	Loutrakia	1.64	8	P	Pn	03 43 30.0 +2.7
LTK	Loutrakia	1.67	8	P	Pn	03 43 29.9 +2.1
STKA	Kalavryta, Ach	1.73	346	P	Pn	03 43 32.7 +4.2
ATH	Athens Observa	1.81	27	P	Pn	03 43 31.6 +2.1
ATH						03 43 53.3 +1.6
ATHU	Athens Univers	1.83	29	P	Pn	03 43 31.4 +1.6
ATHU						03 43 53.7 +1.5
PTL	Penteli	1.93	29	P	Pn	03 43 33.2 +2.0
DION	Dionisos Attik	1.98	30	P	Pn	03 43 31.7
DION						03 43 56.8 +0.8
KALE	Kalithrea	2.07	348	P	Pn	03 43 36.4 +3.3
IDEI	Anoyia	2.10	120	P	Pn	03 43 34.2 +0.7
EREA	Erertria	2.18	26	P	Pn	03 43 37.9 +1.9
EREA						03 44 04.9 +1.7
EREA	comp=E,580nm,0.3s					
PDO	Prodomos	2.52	332	P	Pn	03 43 43.6 +4.4
AGG	Agios Georgios	2.67	354	P	Pn	03 43 43.8 +2.5
NYDR	Nydri-Lerkada	2.82	327	P	Pn	03 43 46.4 +3.2
IGT	Igoumenitsa	3.66	330	ePn	Pn	03 43 56.4 +1.8
IGT						03 43 52.7
FNA	Florina	4.53	347	ePn	Pn	03 44 08.0 +1.5
FNA						03 44 56.1 -1.7
SRS	Serrai	4.80	8	ePn	Pn	03 44 14.1 +4.0
SLUM	Salum	5.30	156	P	Pn	03 44 18.4 +1.5
SLUM	baz=160					03 45 04.2 -1.3
SKO	Skojpie	5.68	351	eSn	Pn	03 45 24.1 -1.9
PDG	Podgorica	6.61	337	ePn	Pn	03 44 35.5 +0.7
HCY	Herceg Novi	6.89	333	ePn	Pn	03 44 38.3 +0.2
ZAPS	Zavoj	6.90	360	ePn	Pn	03 44 42.6 +3.8
TREB	Trebinje	7.17	334	ePn	Pn	03 44 41.6 -0.9
DBRK	Dubrovnik	7.20	332	ePn	Pn	03 44 41.0 -1.9
DBRK						03 45 52.1 -1.1
IVAS	Ivanjica	7.46	346	ePn	Pn	03 44 46.4 -0.4
IVAS						03 45 01.2 -2.4
SWA2		7.48	161	P	Pn	03 44 47.0 +0.3
SWA2	baz=165					03 46 00.8 -9.3
STON	Ston	7.54	331	ePn	Pn	03 44 45.9 -1.6
STON						03 46 01.4 -1.0
STON	Ston	7.54	331	ePn	Pn	03 44 45.6 -2.0
GRUS	Gruza	7.66	349	ePn	Pn	03 44 50.1 +0.9
GRUS						03 46 11.5 -2.9
RUDO	Rudo	7.67	342	ePn	Pn	03 44 49.1 -0.3
BBLs	Lazići	7.90	343	ePn	Pn	03 44 52.6 +0.1
BBLs						03 46 14.3 -6.0
BBLs	Lazići	7.90	343	ePn	Pn	03 44 52.0 -0.5
DIVS	Divibare	7.99	346	ePn	Pn	03 44 53.6 -0.2
DIVS						03 46 17.1 -5.5
DIVS	Divibare	7.99	346	ePn	Pn	03 44 52.9 -0.9
TRUS	Trudelj	8.04	348	eSn	Pn	03 46 18.7 -4.9
MAKA	Makarska	8.17	330	iPn	Pn	03 44 55.1 -1.0
MAKA						03 46 18.2 -8.5
HAPS	Han Pijesak, BI	8.22	341	ePn	Pn	03 44 55.4 -1.5
RICI	Riceje	8.29	331	ePn	Pn	03 44 56.9 -0.2
RICI						03 46 21.8 -8.2
HVAR	Hvar	8.32	327	ePn	Pn	03 44 57.5 -0.7
HVAR						03 46 21.5 -8.9
KLJV	Kijevo	9.01	330	iPn	Pn	03 45 07.5 -0.1
KLJV						03 46 38.6 -8.8
FRGS	Fruska Gora	9.05	347	ePn	Pn	03 45 08.3 -2.5
ZIRJ	Zirje	9.06	326	ePn	Pn	03 45 06.6 -1.6
ZIRJ						03 46 38.7 -1.0
MGRS	Mrkonjić Grad	9.10	334	ePn	Pn	03 45 08.2 -0.7
MORI	Morici	9.19	327	ePn	Pn	03 45 08.8 -1.3
BLV	Banja Luka	9.36	335	ePn	Pn	03 45 12.2 -0.1
HNAT	Natroun	9.46	193	P	Pn	03 45 14.9 +1.0
HNAT	baz=194					
DUGI	Dugi Otok	9.52	325	ePn	Pn	03 45 15.0 -0.5
UDBI	Udbina	9.70	329	iPn	Pn	03 45 17.5 +0.4
GLL	Jalalaj	10.16	129	P	Pn	03 45 22.4 -1.1
GLL	baz=190					
MORH	Mrgy, Hungar	10.29	344	ePn	Pn	03 45 23.1 -2.0
HFRF	Wahat Farafira	10.36	151	P	Pn	03 45 25.3 -0.9
HNBS	Bani Suef	10.61	134	P	Pn	03 45 28.8 -0.7
HNBS	baz=193					
CRES	Cresnjev	10.90	332	ePn	Pn	03 45 32.3 -1.1
CEY	Cerbnica	11.24	329	ePn	Pn	03 45 34.9 -3.1
SOKA	Sokobanja	11.78	333	ePn	Pn	03 45 44.7 -0.7
SOKA	comp=E,0.3nm,0.2s					
OBKA	Obir	11.82	332	ePn	Pn	03 45 46.3 +0.3
OBKA	comp=E,0.4nm,0.2s					
MOA	Molin	13.05	334	ePn	Pn	03 46 03.4 +0.8
MOA	comp=E,0.8nm,0.4s					

SNET 01 04:28:05.70.9, 14°51'N; 89°20'W, h2km, 4km, ML3.4
INET 01 04:28:06.4, 14°53'N; 89°23'W, h1km, MW3.9
GCG 01 04:28:07.9, 0.8, 15°40'N; 89°54'W, h77km, MD3.6
ISC 01 04:28:04.8, 1.9, 14°55'N; 05°49'11W, 0.09, 1h2km, 10km, n17, c086/24, 2C, Guatemala

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ESQI	Esquipulas	0.23	272	Op	ISC	04 28 09.9 +0.3
ESQI						04 28 12.1 -0.9
MTO3	Montecristo	0.29	238	eP	Pg	04 28 10.9 +0.1
MTO3						04 28 15.0 +0.2
TACO	Tacachico	0.62	2021	eP	Pb	04 28 17.5 +0.2
TACO						04 28 26.7 +0.2
MRL	Marmol	0.77	313	eP	Pb	04 28 20.6 +1.1
MRL						04 28 31.2 +0.5
CEDA	San Andres	0.79	201	eP	Sb	04 28 20.8 -1.1
CEDA						04 28 31.8 +0.4
CEDA	comp=Z,2μm,0.4s					04 28 41.5
BOQS	Boqueron	0.83	192	eP	Pn	04 28 21.7 -0.8
RTR	El Retiro	0.83	219	eP	Pn	04 28 21.4 -1.2
SNJE	San Jose	0.83	215	eP	Pb	04 28 21.2 -0.1
SBSL	San Blas	0.87	215	eP	Pb	04 28 21.5 -0.5
CEVE	Cerro Verde	0.88	215	eP	Pn	04 28 22.1 -1.1
CEVE						04 28 34.7 +0.8
CEVE	comp=Z,2μm,0.4s					04 28 39.5
LFRS	El Faro	0.92	177	eP	Pn	04 28 23.1 -0.7
JAVIA	Jayaque - finc	0.95	200	eP	Pn	04 28 23.4 -0.8
COEG	Centro de Oper	0.95	167	eP	Pn	04 28 23.7 -0.4
COEG						04 28 43.0
POSS	Presa 15 de Se	1.06	150	eP	Pn	04 28 25.7 +0.1
PQSS						04 28 44.6
PQSS	comp=Z,827nm,0.1s					
PQSS	Las Nubes	1.20	272	eP	Pg	04 28 28.8 +0.8
NBG						04 28 45.6 +2.0
PCG	Pacaya	1.46	264	eP	Sg	04 28 33.8 +0.9
FUG	Fuego 3	1.68	267	eP	Pg	04 28 37.2 +0.1
FUG						04 28 44.6

IDC 01 04:30:35.72.5, 14°23'S; 167°25'E, h177km, 23km, mb3.7/11, mb1.3/9.12, mb1mx3.7/35, mbmp4.2/12, Error ellipse: s-maj=27.8km s-min=16.9km az=138.0
NEIC 01 04:30:36.6, 1.0, 14°35'S; 167°37.0E; 0.2, h191km, 7km, mb4.3/16, Error ellipse: s-maj=24.8km s-min=15.0km az=108.0

ISC 01 04:30:37.4, 0.6, 14°36'S; 0°08.167°3E; 0.1, h200km, n40, c086/42, mb4.0/16, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SANVU	Saraoutou	0.9	187	Op	ISC	04 31 06.3 -1.5
DZM	Mont Dzumac	7.71	186	P	Pn	04 32 28.7 +1.6
DZM						04 33 54.3 -0.1
DZM	0.3nm, 0.3s, baz=48, slow=17, SNR=3.2					
EIDS	Elids	18.79	232	P	P	04 34 41.3 -0.6
EIDS						04 34 48.5
CTAO	Charters Tower	20.92	251	P	Iamb	04 35 04.7 -0.1
CTAO						04 35 07.1
ARMA	Armidale	21.55	220	P	Iamb	04 35 12.4 +1.0
ARMA						04 35 34.6
COEN	Coen	23.43	268	P	Iamb	04 35 28.5 -0.4
COEN						04 35 31.1
BKZ	Black Stump Fm	25.99	164	P	P	04 35 50.7 -1.1
STKA	Stephens Creek	29.28	229	P	P	04 36 22.4 +1.2
STKA	comp=Z,6.0nm,0.9s, baz=55, slow=3.3, SNR=36					

1d 4h

XAN	Xi'an	56.28 317	P	P	04 46 11.2	0.0
XAN			pP	pP	04 46 22.1	-1.3
XAN			pPmax	pPmax		
XAN	comp-Z,9.0nm,1.4s					
XAN	comp-Z,240nm,4.9s		pmax	pmax		
XAN	comp-Z,280nm,21.5s		LR	LR		
XAN	comp-Z,290nm,19.3s		LR	LR		
XAN	comp-Z,530nm,21.3s		LR	LR		
KMI	Kunming	56.38 305	IP	P	04 46 12.2	-0.1
KMI			pP	pP	04 46 24.9	+0.5
KMI			sP	sP	04 46 33.4	+4.1
KMI			SS	SS	04 54 03.5	+3.0
KMI			SS	SS	04 57 50.9	+2.7
KMI	comp-Z,10.0nm,1.3s			pmax		
KMI	comp-Z,150nm,4.0s			pmax		
KMI	comp-Z,190nm,21.2s		LR	LR		
KMI	comp-Z,230nm,21.8s		LR	LR		
KMI	comp-Z,420nm,37.1s		LR	LR		
CM31	Chiang Mai Arr	57.10 296	P	P	04 46 17.4	+0.2
CMAR	Chiang Mai Arr	57.10 296	P	P	04 46 18.0	+0.8
CMAR	comp-Z,2.3nm,0.5s,baz=113,slow=5.5,SNR=17		pP	pP	04 46 28.9	-0.6
CMAR	comp-Z,4.6nm,0.9s,baz=116,slow=5.1,SNR=3.5		pP	pP	05 10 46.8	
CHTO	Chiang Mai	57.22 296	P	P	04 46 17.4	-0.6
CD2	Chengdu	58.27 311	eP	P	04 46 25.5	+0.2
CD2			S	S	04 54 25.0	+0.2
CD2	comp-Z,10.0nm,0.5s			pmax		
CD2	comp-Z,460nm,15.2s		LR	LR		
CD2	comp-Z,550nm,14.7s		LR	LR		
PETK	Petrovskovsk-	58.53 4	P	P	04 46 27.9	+1.3
PPT	Papeete	58.64 107	LR	LR	05 06 47.6	
HHC	Hu-ho-hao-te	58.89 325	eP	P	04 46 31.7	+2.3
HHC			S	S	04 54 32.6	0.0
HHC	comp-Z,13nm,1.1s			pmax		
HHC	comp-Z,150nm,5.8s			pmax		
HHC	comp-Z,250nm,18.0s		LR	LR		
HHC	comp-Z,340nm,18.0s		LR	LR		
HHC	comp-Z,480nm,18.2s		LR	LR		
LZH	Lanzhou	60.88 317	eP	P	04 46 44.0	+0.7
LZH			pP	pP	04 46 55.3	-0.3
LZH			sP	sP	04 47 06.0	+5.5
LZH			PP	PP	04 49 01.6	+3.8
LZH	comp-Z,26nm,1.3s			pmax		
LZH	comp-Z,120nm,5.4s		LR	LR		
LZH	comp-Z,250nm,16.0s		LR	LR		
LZH	comp-Z,370nm,15.7s		LR	LR		
LZH	comp-Z,380nm,17.8s		LR	LR		
GTA	Gaotai	65.33 318	eP	P	04 47 13.7	+0.9
GTA			pP	pP	04 47 24.4	-0.8
GTA			sP	sP	04 47 28.6	-1.5
GTA	comp-Z,4.0nm,0.9s			pmax		
GTA	comp-Z,77nm,6.5s		LR	LR		
GTA	comp-Z,110nm,18.2s		LR	LR		
GTA	comp-Z,240nm,17.8s		LR	LR		
GTA	comp-Z,240nm,17.8s		LR	LR		
SHL	Shillong	65.63 301	P	P	04 47 14.6	-0.4
ULN	Ulanbaatar	65.92 329	P	P	04 47 16.7	+0.3
ULN			Iamb	Iamb	04 47 29.1	
SONM	Songino Array	66.24 328	P	P	04 47 19.2	+0.8
SONM	comp-Z,2.1nm,0.6s,baz=139,slow=5.9,SNR=16		pP	pP	04 47 29.4	-1.5
SONM	comp-Z,15nm,1.0s,baz=136,slow=5.6,SNR=24		pP	pP	04 47 18.6	+0.2
SONM	Casey	66.24 328	P	P	04 47 22.4	-0.9
CASY	Casey	67.09 197	P	P	04 47 24.4	
TLY	Talaya	70.04 331	P	P	04 47 42.3	+0.2
VNDA	Vanda	72.28 178	P	P	04 47 55.4	+0.4
VNDA	comp-Z,9.8nm,1.0s,baz=337,slow=7.7,SNR=10		LR	LR	05 17 44.6	
BILL	Bilbino	74.02 6	P	P	04 48 06.1	+0.7
WMQ	Urumqi	75.42 318	eP	P	04 48 14.3	+0.1
WMQ			pP	pP	04 48 25.3	-1.6
WMQ	comp-Z,11nm,1.3s			pmax		
WMQ	comp-Z,110nm,5.1s		LR	LR		
WMQ	comp-Z,650nm,28.9s		LR	LR		
WMQ	comp-Z,1µm,29.2s		LR	LR		
WMQ	comp-Z,550nm,29.1s		LR	LR		
WMQ	Urumqi	75.42 318	P	P	04 48 14.0	-0.2
WMQ			Iamb	Iamb	04 48 26.4	
TIXI	Tiksi	78.36 353	P	P	04 48 29.7	-0.4
ZSN	Zaisan	78.61 320	eP	P	04 48 30.6	-1.4
MKAR	Makanchi Array	80.03 319	P	P	04 48 39.6	-0.2
MKAR	comp-Z,4.0nm,1.0s,baz=100,slow=6.7,SNR=19		pP	pP	04 48 50.5	-2.0
MKAR	comp-Z,6.8nm,1.0s,baz=99,slow=7.5,SNR=16		LR	LR	05 24 04.6	
MKAR	Makanchi Array	80.03 319	P	P	04 48 39.0	-0.8
RC01	Rabbit Creek A	80.22 25	P	P	04 48 41.9	+1.4
MAKZ	Makanchi	80.24 319	P	P	04 48 40.8	-0.2
SHLS	Shalkode	80.65 315	eP	P	04 48 41.6	-2.8
ZAAO	Zalesovo Array	81.03 327	P	P	04 48 43.8	-1.1
ZALV	Zalesovo Beam	81.03 327	P	P	04 48 43.7	-1.2
ZALV	comp-Z,2.2nm,0.5s,baz=114,slow=6.6,SNR=17		pP	pP	04 48 54.7	-3.0
KPKS	Kokpek	81.48 315	eP	P	04 48 46.5	-1.3
SATY	Saty	81.57 315	eP	P	04 48 47.4	-0.8
MLY	Manley	81.88 21	P	P	04 48 51.3	+2.1
MCK	McKinley	81.88 23	P	P	04 48 50.9	+1.6
TDK	Taldygorghan	82.09 317	eP	P	04 48 49.6	-1.2
NEA2	Nenana	82.26 22	P	P	04 48 52.2	+1.0
I23K	Minto, Yukon-K	82.44 21	P	P	04 48 54.1	+2.0
SEM	Semipalatinsk	82.46 322	eP	P	04 48 50.9	-2.0
MDOK	Miedeo	82.55 315	eP	P	04 48 53.3	-0.2
WRH	Wood River Hill	82.57 22	P	P	04 48 53.6	+0.8
AAA	Alma-Ata	82.66 315	eP	P	04 48 53.9	0.0
CCB	Clear Creek Bu	82.76 22	P	P	04 48 54.8	+1.0
CHKK	Chushkaly	82.77 315	eP	P	04 48 53.3	-1.1
TCOL	CIGO, UAF Yank	82.85 22	P	P	04 48 54.8	+0.6
HDA	Harding Lake	82.92 23	P	P	04 48 55.5	+0.5

2015 FEB

ILAR	Eielsen Array	83.17 22	P	P	04 48 55.2	-0.7
ILAR	comp-Z,2.0nm,0.6s,baz=251,slow=4.7,SNR=29		LR	LR	05 24 39.3	
ILAR	comp-Z,178nm,18.5s,baz=255,slow=36		LR	LR		
ILAR	Eielsen Array	83.17 22	P	P	04 48 56.3	+0.4
COLD	Coldfoot	83.22 19	P	P	04 48 57.5	+1.3
KUU	Kurly	83.23 315	eP	P	04 48 55.4	-1.4
NIL	Nilore	83.37 305	P	P	04 48 57.2	-0.5
KURK	Kurchatov	83.55 322	P	P	04 48 57.5	-0.6
SCRK	Sand Creek	83.83 24	P	P	04 49 01.9	+1.9
AAK	Ala-Archa	84.25 314	P	P	04 49 02.0	-0.2
AAK			Iamb	Iamb	04 49 14.2	
SGDS	Sogindy	84.34 315	eP	P	04 49 01.3	-1.2
BCAR	Beaver Creek A	84.45 25	P	P	04 49 03.8	+1.2
MAW	Mawson	84.56 203	LR	LR	05 23 24.9	
BTLS	Baital	85.10 316	eP	P	04 49 04.9	-1.2
HYT	Haines Junction	85.52 28	P	P	04 49 08.3	+0.2
HYT			Iamb	Iamb	04 49 23.9	
NRIK	Noril'sk	86.18 341	P	P	04 49 12.5	+1.5
NRIK	comp-Z,1.1nm,0.3s,baz=113,slow=6.2,SNR=4.0		P	P	04 49 11.5	+0.5
NRIK	Noril'sk	86.18 341	P	P	04 49 11.5	+0.5
NRIK			Iamb	Iamb	04 49 22.9	
DZA	Taraz	86.59 313	eP	P	04 49 13.4	-0.2
KKAR	Karatay Array	87.22 314	P	P	04 49 16.3	-0.4
IUG	Iuzhnyy	87.40 313	eP	P	04 49 16.2	-1.6
EPYK	Eagle Plains	87.68 23	P	P	04 49 20.0	+1.6
DLBC	Dease Lake	88.51 31	P	P	04 49 23.7	+1.2
BRVK	Borovoye	89.11 323	P	P	04 49 24.6	+0.9
K02D	Williamette Mer	89.75 47	P	P	04 49 29.5	+0.7
O02D	Mt. Diablo Mer	90.08 50	P	P	04 49 30.4	0.0
I03D	Drain, OR	90.10 46	P	P	04 49 31.1	+0.9
M02C	Callahan	90.18 49	P	P	04 49 31.6	+0.8
N02D	Trinity Center	90.24 49	P	P	04 49 32.1	+0.1
HUM0	Hull Mountain	90.25 47	P	P	04 49 32.1	+1.0
HUM0			Iamb	Iamb	04 49 46.1	
WDC	Whiskeytown Da	90.32 49	Iamb	Iamb	04 49 33.6	
YBH	Yreka Blue Hor	90.33 46	P	P	04 49 32.8	+1.2
YBH			Iamb	Iamb	04 49 46.6	
H04D	Lebanon	90.64 46	P	P	04 49 33.2	+0.4
L04D	Klamath Falls	90.69 48	P	P	04 49 33.4	+0.1
D03D	Eldon	90.77 42	P	P	04 49 34.2	+0.9
I04T	Tendick Farm,	90.79 46	P	P	04 49 33.6	0.0
O03E	Paynes Creek	90.84 50	P	P	04 49 34.4	+0.5
D04E	Lakebay	90.94 43	P	P	04 49 35.3	+1.2
J04D	Umpqua Nationa	90.94 47	P	P	04 49 35.0	+0.5
M04C	Macdoel	90.98 48	P	P	04 49 35.2	+0.6
ORV	Oroville	91.00 51	Iamb	Iamb	04 49 36.3	
K04D	Chiloquin, OR	91.14 47	P	P	04 49 35.5	+0.2
J05D	Fort Rock, OR	91.58 47	P	P	04 49 37.7	+0.3
I05D	Terrebonne,	91.62 46	P	P	04 49 37.4	0.0
CMB	Columbia Colle	91.71 52	Iamb	Iamb	04 49 52.9	
G05D	Wamic, OR	91.73 45	P	P	04 49 38.3	+0.5
BEKR	Beavorth	91.90 50	Iamb	Iamb	04 49 51.5	
VNCR	Virginia City	92.40 51	Iamb	Iamb	04 49 54.2	
PNTR	Pine Nut	92.42 51	P	P	04 49 42.4	+0.9
PNTR			Iamb	Iamb	04 49 56.0	
PAHR	Pah Rah Range	92.64 51	Iamb	Iamb	04 49 54.1	
SYO	Syowa Base	92.70 200	eP	P	04 49 41.2	-0.6
MDPB	Devils Postpil	92.70 53	Iamb	Iamb	04 49 57.8	
RYN	Ryan	93.22 52	Iamb	Iamb	04 50 03.3	
EDW2	Edwards Air Fo	93.36 55	P	P	04 49 46.6	+0.8
NVAR	Mina Array Bea	93.38 52	P	P	04 49 46.9	+1.0
NVAR	comp-Z,3.3nm,0.9s,baz=255,slow=6.5,SNR=24		pP	pP	04 49 58.0	-0.7
NVAR	comp-Z,5.6nm,0.9s,baz=253,slow=5.7,SNR=12		LR	LR	05 27 31.1	
NVAR	comp-Z,1.40nm,18.9s,baz=262,slow=33		P	P	04 49 46.3	+0.4
G06A	Pilot Rock	93.39 45	Iamb	Iamb	04 50 02.2	
CWC	Cottonwood Cre	93.41 54	P	P	04 49 46.3	+0.3
WVOR	Wild Horse Val	93.41 48	Iamb	Iamb	04 50 02.1	
NV11	Mina Array Sit	93.49 52	Iamb	I		

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ESQI, MTO3, TACO, TACHICO, POSS, etc.

ARE 01 05:12:16.1, 2.14, 4S.0.1, 76.8W.0.2, h14km, gkm, Error ellipse: s-maj=32.0km s-min=10.9km az=66.0

NEIC 01 05:12:17.9, 1.6, 14AS.0:1x76.94W.0:10, h10km, 2km, ML4.4(ARE), Error ellipse: s-maj=23.6km s-min=4.9km az=222.0, Near coast of Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include NNA, PSCGX, MNMC, TA01, etc.

IDC 01 05:53:14.4, 3.7, 72S.124.44E, h555km, 56km, mb2.5/1, mb1 2.9/5, mb1mx2.6/32, mbtmp3.7/5, Error ellipse: s-maj=193.8km s-min=21.4km az=55.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include BATI, BATH, KAPI, WRA, ASAR, MKAR, etc.

INET 01 05:53:46.3, 13.22N, 92.09W, h26km, MW4.3, IDC 01 05:53:47.3, 0.6, 13.28N, 91.82W, h32km, 3km, mb4.3/21, mb1 4.5/22, mb1mx4.4/32, mbtmp4.5/22, ML4.4/1, MS3.6/20, Ms1 3.0/20, ms1mx3.5/30, Error ellipse: s-maj=23.3km s-min=11.3km az=54.0

GCMT 01 05:53:47.1, 0.4, 13.35N, 0.02, 92.27W, 0.03, h12km, MW4.8/70, Moment Tensor Solution, s19.c20, s70.c98, Duration: 0 Moment tensor: Scale 1010Nm; Mr=1.70e-07; Mw=1.26e-06; Mm=0.43e-07; Mo=0.42e-23; Mw=1.00e-05; Mr=0.37e-27; Best double couple: Mo1.89700x10^16 NP1.9e121.000000, 637.000000, -9.94.000000, NP2: 6e306.000000, 854.000000, -8.700000. Principal axes: T 2.0090, Plg8.0000, Azm34.0000; N -0.2250, Plg3.0000, Azm124.0000; P -1.7860, Plg81.0000, Azm231.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rate function.

NEIC 01 05:53:47.1, 1.9, 13.30N, 0.07, 91.95W, 0.04, h35km, 1km, mb4.9/370 Error ellipse: s-maj=14.2km s-min=9.8km az=220.0

UCR 01 05:53:50.3, 1.5, 13.61N, 91.76W, h32km, 175km, ML4.1, mb4.9(NEIC)

SNET 01 05:53:51.1, 1.5, 13.65N, 91.60W, h13km, 662km, ML4.2 GCG 01 05:53:55.0, 0.3, 13.68N, 91.47W, h13km, 132km, MD4.4 ISC 01 05:53:47.5, 0.5, 13.42N, 0.04, 91.95W, 0.04, h33km, 2km, h33km, pp-P, n720, 1933652, mb4.9/179, MS3.7/19, 9C,

Near coast of Guatemala

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include RTAL, PUG, NBSG, RTR, CEVE, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CMIG, CRON, ACIN, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include 435B, 656A, SMLC, BRAL, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include NATX, RREF, JCT, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CRJC, 237A, GCUF, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include 250A, 143A, TXAR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include TXAR, TXAR, TX31, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include TX32, SPBC, 146A, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include SLBS, CHIC, RUSC, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include LPIG, LPIG, 255A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ABTX, ABTX, Z35A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include PTLT, PTCG, W41B, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CLNB, W39A, X34A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include PLAL, W45A, FPAL, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include W50A, GNAR, HALT, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include TUL1, PEBM, LNXT, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include V48A, W52A, U40A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include W59A, WVT, WVT, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include PARMO, PBMO, HENM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include V51A, V51A, TKL, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include TKL, TKL, H2IG, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include T42A, X57A, BIRD, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include V52A, V53A, MGMO, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include U49A, KMSC, KMSC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include KMSC, KMSC, 121A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include 121A, 121A, W56A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include 319A, 319A, KAN14, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include TZTN, TZTN, X59A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include V55A, V55A, T50A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include T50A, T50A, W58A, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CCM, CCM, B56A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include X60A, X60A, U54A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include R40A, R40A, W59A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include V57A, V57A, U56A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include W60A, W60A, V58A, etc.

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

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

1d 5h

ANMO Albuquerque	25.12 331	P	P	05 59 11.8 +2.1
ANMO Cliffs of the	25.12 26 18	P	P	05 59 11.4 +1.7
CNCI Wyandotte Cave	25.21 10	P	P	05 59 10.0 -0.1
WCI Wyandotte Cave	25.21 10	P	P	05 59 10.1 -0.1
SS1A Beattyville	25.24 16	I	I	05 59 30.1
SJG San Juan	25.25 76	LR	LR	06 10 24.7
V59A Middlesex	25.24 27	P	P	05 59 11.9 -0.4
R49A Shelbyville	25.49 12	I	I	05 59 24.0
TUC Tucson	25.51 321	P	P	05 59 15.1 +2.0
TUC Tucson	25.51 321	P	P	05 59 14.5 +1.4
W61A Ground Anchor	25.53 29	P	P	05 59 13.5 +0.5
U57A Blanch	25.55 24	P	P	05 59 13.8 +0.5
R32A Long Quarter,	25.61 348	P	P	05 59 14.8 +0.9
R32A		I	I	05 59 26.6
R50A Paris	25.67 14	I	I	05 59 16.3
T56A Rocky Mt	25.81 22	P	P	05 59 15.3 -0.4
BLA Blacksburg	25.83 21	P	P	05 59 16.0 +0.1
BLA Blacksburg	25.83 21	I	I	05 59 28.4
U58A Oxford	25.84 25	P	P	05 59 16.0 0.0
V60A Jim Taylor Roa	25.88 28	P	P	05 59 16.5 +0.2
V60A Jim Taylor Roa	25.88 28	P	P	05 59 15.6 -0.7
KSU1 Kansas State U	25.91 352	P	P	05 59 17.0 +0.5
KSU1 Kansas State U	25.91 352	I	I	05 59 28.6
P40A Paris	26.00 360	P	P	05 59 17.2 -0.2
P40A		I	I	05 59 19.1
S54A Dingess, Beckl	26.06 19	P	P	05 59 17.9 -0.1
S54A Dingess, Beckl	26.06 19	P	P	05 59 17.6 -0.4
S54A		I	I	05 59 28.9
T57A Hurt	26.08 24	P	P	05 59 18.6 +0.5
T57A Hurt	26.08 24	P	P	05 59 18.4 +0.3
BLO Bloomington	26.09 10	I	I	05 59 19.7
T25A Trinidad	26.11 337	P	P	05 59 21.9 +3.2
U59A Littleton	26.13 27	P	P	05 59 18.5 -0.1
U59A Littleton	26.13 27	I	I	05 59 19.1
P43A Skaggs, Pawnee	26.20 4	I	I	05 59 21.6
P43A Grand View Acr	26.22 35	P	P	05 59 20.5 +0.2
R53A Hurricane	26.35 18	P	P	05 59 20.1 -0.4
R53A		I	I	05 59 31.1
P46A Rosedale	26.43 8	P	P	05 59 21.0 -0.2
U60A Pendleton	26.51 27	P	P	05 59 22.2 +0.2
U54A Victor	26.51 20	P	P	05 59 22.0 0.0
S56A Natural Bridge	26.56 22	P	P	05 59 22.7 +0.2
P48A Milroy	26.57 11	P	P	05 59 21.0 -1.4
P48A		I	I	05 59 24.7
214A Organ Pipe Nat	26.57 317	P	P	05 59 24.4 +1.8
214A Organ Pipe Nat	26.57 317	P	P	05 59 23.2 +0.6
X18A Snowflake	26.60 325	P	P	05 59 24.5 +1.5
Q51A Peebles	26.61 15	I	I	05 59 34.4
T59A Double "B" Far	26.75 26	P	P	05 59 24.4 +0.2
T59A Double "B" Far	26.75 26	I	I	05 59 25.5
P49A Miami Univ. Ec	26.78 12	P	P	05 59 23.3 -1.1
P49A Miami Univ. Ec	26.78 12	I	I	05 59 37.7
O44A Mansfield	26.80 6	I	I	05 59 35.4
Q52A Bidwell	26.84 17	I	I	05 59 35.0
S57A Dark Hollow, R	26.86 23	P	P	05 59 25.3 +0.1
S57A Dark Hollow, R	26.86 23	P	P	05 59 26.3 +1.1
R55A Marlinton	26.90 21	P	P	05 59 25.6 0.0
Q53A Leroy	26.96 18	P	P	05 59 26.4 +0.3
SDCO Great Sand Dun	27.07 336	P	P	05 59 30.3 +2.9
SDCO Great Sand Dun	27.07 336	P	P	05 59 28.4 +1.1
S58A Poland Farm, P	27.09 25	P	P	05 59 27.2 0.0
S58A Poland Farm, P	27.09 25	I	I	05 59 38.4
P51A Williamsport	27.12 15	P	P	05 59 26.8 -0.6
P51A		I	I	05 59 38.2
HDIL Hopedale	27.13 4	P	P	05 59 27.4 -0.1
HDIL Hopedale	27.13 4	P	P	05 59 27.2 -0.3
HDIL		I	I	05 59 38.5
KSCO Kaye Shedlock	27.18 342	P	P	05 59 30.6 +2.4
SFIN Lafayette	27.19 8	P	P	05 59 27.6 -0.4
SFIN Lafayette	27.19 8	I	I	05 59 28.6
N41A Harden Midland	27.20 2	I	I	05 59 37.9
T60A Surry	27.25 27	P	P	05 59 28.9 +0.3
R56A Bull Pasture M	27.26 22	P	P	05 59 29.2 +0.4
N38A Joes South For	27.29 358	P	P	05 59 29.1 +0.2
N38A		I	I	05 59 32.8
Q54A Cocks Mills	27.29 19	P	P	05 59 29.1 +0.1
Q54A		I	I	05 59 39.2
X16A Lo Mia Camp, P	27.36 323	P	P	05 59 32.5 +2.6
R58B Mineral	27.42 25	P	P	05 59 30.7 +0.2
R58B Mineral	27.42 25	I	I	05 59 41.8
O49A Covington	27.49 13	I	I	05 59 32.0
R57A Stanardsville	27.50 23	P	P	05 59 31.0 +0.2
P52A Corning	27.51 17	P	P	05 59 30.5 -0.4
S59A Mechanicsville	27.53 26	P	P	05 59 31.8 +0.6
P53A Whipple	27.58 18	I	I	05 59 42.4
S22A 4UR Ranch, Cre	27.61 334	P	P	05 59 34.7 +2.4
R58A Rapidan	27.70 24	P	P	05 59 33.0 +0.4
S60A Water View	27.76 27	P	P	05 59 33.2 0.0
ACS0 Alum Creek Sta	27.84 15	P	P	05 59 33.7 -0.3
CBN Corbin Frederi	27.88 25	P	P	05 59 35.2 +1.0
CBN Corbin Frederi	27.88 25	P	P	05 59 34.0 -0.2
N47A Urbana	27.90 10	P	P	05 59 32.5 -1.9
N47A		I	I	05 59 34.8

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Q56A Snyder Ridge,	27.90 22	P	P	05 59 35.1 +0.5
Q56A Snyder Ridge,	27.90 22	I	I	05 59 46.2
MVCO Mesa Verde	27.92 331	P	P	05 59 37.8 +2.8
MVCO Mesa Verde	27.92 331	P	P	05 59 33.7 -1.3
MVCO		I	I	05 59 38.4
R59A King George, V	27.98 25	P	P	05 59 36.1 +1.0
O52A Adamsville	28.04 17	I	I	05 59 45.5
Q57A Strasburg	28.18 23	P	P	05 59 37.0 0.0
MCWV Mont Chateau	28.23 20	P	P	05 59 37.7 +0.3
R60A Leonardtown, M	28.26 26	P	P	05 59 38.5 +0.9
O53A New Philadelph	28.34 17	P	P	05 59 38.6 +0.2
O53A New Philadelph	28.34 17	I	I	05 59 48.8
Q58A Fox Den Farm,	28.38 24	P	P	05 59 39.0 +0.2
CZSB Cruzeiro do Su	28.41 137	P	P	05 59 40.4 +1.6
P56A Dayton Farm, R	28.44 22	P	P	05 59 39.8 +0.5
HQIL Hanson Quarry C	28.50 6	P	P	05 59 39.7 0.0
O54A Avella	28.53 19	I	I	05 59 50.7
L40A Anamosa	28.54 1	I	I	05 59 51.7
L42A Oliver, Polo	28.55 4	I	I	05 59 51.1
GLA Glanville	28.58 317	P	P	05 59 41.7 +1.0
PV01 Paradox Valley	28.70 332	I	I	05 59 55.3
P57A Homestead Farm	28.72 23	P	P	05 59 42.5 +0.7
P57A Homestead Farm	28.72 23	P	P	05 59 41.0 -0.8
Q59A Harwood	28.73 25	P	P	05 59 42.4 +0.6
PV15 Paradox Valley	28.83 332	P	P	05 59 43.5 +0.4
PV15		I	I	05 59 47.6
PV13 Radium Mtn., P	28.84 332	P	P	05 59 43.3 +0.2
PV13		I	I	05 59 46.7
PV02 Paradox Valley	28.84 332	P	P	05 59 42.6 -0.5
PV02		I	I	05 59 56.4
L44A Lake County Fo	28.86 6	P	P	05 59 43.5 +0.6
L44A Lake County Fo	28.86 6	P	P	05 59 42.8 -0.2
L44A		I	I	05 59 54.0
ISCO Idaho Springs	28.90 338	P	P	05 59 45.9 +2.2
ISCO Idaho Springs	28.90 338	P	P	05 59 43.0 -0.8
PV05 Paradox Valley	28.90 331	P	P	05 59 43.3 -0.4
PDMCI Parker Dam, Lak	28.93 320	P	P	05 59 43.7 +2.0
M50A Fremont	28.94 14	I	I	05 59 55.6
PV18 Skain Mesa, Pa	28.95 332	P	P	05 59 42.4 -1.7
PV18		I	I	05 59 47.5
PV12 Saucer Basin,	28.96 332	I	I	05 59 48.0
PV12		I	I	05 59 54.7
N53A Lisbon	28.96 18	I	I	05 59 54.7
PV07 Paradox Valley	28.99 332	I	I	05 59 48.2
PV17 East Wray Mesa	29.00 332	I	I	05 59 48.0
M51A Glynn	29.08 15	P	P	05 59 44.6 -0.3
PV20 Paradox Valley	29.12 332	I	I	05 59 54.9
PV20		I	I	05 59 49.2
SW22 Mile Mesa, Par	29.13 332	I	I	05 59 49.2
PV56 Sam W. Stewart	29.17 316	P	P	05 59 47.2 +1.4
IKP In-Ko-Pah, Jac	29.21 315	P	P	05 59 48.1 +1.8
O56A Blue Knob Stat	29.21 21	P	P	05 59 45.8 -0.4
O56A Blue Knob Stat	29.21 21	I	I	05 59 56.8
W13A Hualapai Mount	29.29 321	P	P	05 59 50.0 +2.8
NNA Nana	29.36 149	LR	LR	06 09 44.3
N54A Moraine State	29.36 19	P	P	05 59 47.2 -0.2
N54A Moraine State	29.36 19	I	I	05 59 57.8
BC3 Big Chuckawall	29.36 317	P	P	05 59 49.7 +2.0
JFWS Jew Farm	29.42 3	I	I	06 00 00.3
P59A Jarrettsville	29.45 25	P	P	05 59 48.7 +0.4
IRM Iron Mountain	29.47 318	P	P	05 59 50.5 +1.9
M52A Chesterland	29.50 16	P	P	05 59 43.3 -0.4
M52A		I	I	05 59 59.1
O57A Monument Peak	29.50 23	P	P	05 59 48.7 0.0
O57A		I	I	05 59 51.6 +2.0
M53A WJ Miller and	29.59 17	P	P	05 59 48.8 -0.7
SSPA Standing Stone	29.78 22	P	P	05 59 50.7 -0.4
SSPA		I	I	05 59 51.9
MVLL Millersville	29.82 25	P	P	05 59 51.1 -0.4
MVLL		I	I	05 59 54.2
N56A West Decatur	29.88 21	P	P	05 59 52.1 0.0
P60A Greenville	29.95 26	P	P	05 59 52.5 -0.1
M54A Oil Creek Stat	29.96 19	P	P	05 59 52.4 -0.3
TPFO Pinon Flats	30.00 316	P	P	05 59 55.2 +1.8
KNB Kanab	30.00 325	P	P	05 59 54.0 +0.6
N57A Milroy	30.01 22	P	P	05 59 53.1 0.0
PFO Hensel Flats O	30.01 316	P	P	05 59 55.5 +2.0
PFO Pinyon Flats O	30.01 316	P	P	05 59 53.4 -0.1
109C Camp Elliot, M	30.04 314	I	I	05 59 52.8 -0.7
109C		I	I	05 59 56.4
O59A Robesonia	30.15 24	P	P	05 59 54.6 +0.1
L53A Girard	30.19 17	P	P	05 59 54.6 -0.2
GMRC Granite Mounta	30.20 319	P	P	05 59 57.3 +2.2
M55A Ridgway	30.21 20	P	P	05 59 54.5 -0.6
M55A		I	I	05 59 58.8
O20A White River Ci	30.22 335	P	P	05 59 57.9 +2.7
O20A White River Ci	30.22 335	I	I	06 00 00.9
LCMT Little Creek M	30.24 325	P	P	05 59 58.3 +2.9
N58A Sunbury	30.39 23	P	P	05 59 58.0 +1.5
SRU San Rafael Swe	30.40 331	P	P	05 59 59.5 +2.7
MRPU Mount Pierson	30.41 327	P	P	05 59 59.4 +2.2
ERPA Erie	30.42 18	P	P	05 59 56.3 -0.5
M56A Emporium	30.42 21	P	P	05 59 58.3 +1.4
M56A Emporium	30.42 21	I	I	05 59 56.6 -0.3
M56A		I	I	05 59 58.9
ECSD EROS Data Cent	30.47 353	P	P	05 59 59.6 +2.3
I42A Draeger Farm,	30.47 4	P	P	05 59 56.8 -0.4

I42A	comp-Z,1.4nm,0.8s	I	I	I	05 59 58.1
O60A Telford	30.48 25	P	P	05 59 57.7 +0.5	
MURC Murietta	30.50 315	P	P	05 59 59.6 +2.0	
SZCU Shurtz Canyon	30.57 326	P	P	05 59 58.1 -0.3	
M57A Sunshine Farm,	30.67 22	P	P	05 59 59.0 0.0	
M57A		I	I	05 59 58.6 -0.4	
M57A Sunshine Farm,	30.67 22	P			

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

NNC 01 07:05:48.1±0.6, 50.04N:78.86E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=15.7km s-min=2.9km az=68.0, Suspected Mining explosion.

IDC 01 07:05:49.2±0.8, 50.05N:78.78E, h0km, mb1.2, 8/3, mb1mx2.7/39, mbtmp2.8/3, ML2.5/3, Error ellipse: s-maj=11.2km s-min=6.1km az=57.0

ISC 01 07:05:44.1±1.0, 50.15N:0.06E:79.44E:0.07, h0km, n9, r156/13, 5C-4D, Eastern Kazakhstan

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

KRSC 01 07:18:46.2±1.6, 48.93N:156.56E, h32km, 23km, ML3.9

IDC 01 07:18:49.9±1.8, 49.27N:159.01E, h0km, mb3.4/1, mb1 3.7/3, mb1mx3.3/42, mbtmp3.3/3, ML2.6/2, MS3.5/1, Ms1 3.5/1, ms1mx2.3/39, Error ellipse: s-maj=51.4km s-min=34.7km az=139.0

ISC 01 07:18:49.3±3.9, 49.29N:0.2±155.9E:0.2, h10km, n18, r1510/21, Kuril Islands

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

IDC 01 07:22:54.4±3.5, 20.50N:144.91E, h154km, 32km, mb3.6/1.5, mb1 3.7/8, mb1mx3.3/42, mbtmp4.1/18, Error ellipse: s-maj=21.8km s-min=12.1km az=91.0

NEIC 01 07:22:55.1±4.1, 20.50N:0.1±144.8E:0.1, h159km, 6km, mb4.3/38, Error ellipse: s-maj=23.8km s-min=16.6km az=105.0

ISC 01 07:22:54.6±0.6, 20.61N:0.07:144.8E:0.1, h150km, n65, r133/65, mb4.1/28, Mariana Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, etc.

DDA 01 07:30:23.9±3.9, 05N:26.46E, h7km, 3km, ML2.2

ISK 01 07:30:23.9±3.9, 04N:26.45E, h10km, ML2.6/5

ATH 01 07:30:24.8±3.9, 04N:26.36E, h24km, 4km, ML2.4/1, Error ellipse: s-maj=10.2km s-min=1.4km az=70.0

THE 01 07:30:25.4±3.9, 02N:26.34E, h14km, 3km, ML2.3/1, Error ellipse: s-maj=7.9km s-min=1.2km az=69.0

ISC 01 07:30:24.5±0.9, 39.04N:0.02:26.47E:0.03, h16km, 7km, n26, r072/42, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KURK Kurchatov, NRIK Norik's, NRIK Norik's, etc.

DDA 01 07:27:15.8±1.7, 3.32S:128.16E, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.5/32, mbtmp3.5/4, ML3.5/2, MS2.8/1, Ms1 2.8/1, ms1mx2.3/17, Error ellipse: s-maj=38.7km s-min=26.7km az=94.0, Seram

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

DDA 01 07:30:23.9±3.9, 05N:26.46E, h7km, 3km, ML2.2

ISK 01 07:30:23.9±3.9, 04N:26.45E, h10km, ML2.6/5

ATH 01 07:30:24.8±3.9, 04N:26.36E, h24km, 4km, ML2.4/1, Error ellipse: s-maj=10.2km s-min=1.4km az=70.0

THE 01 07:30:25.4±3.9, 02N:26.34E, h14km, 3km, ML2.3/1, Error ellipse: s-maj=7.9km s-min=1.2km az=69.0

ISC 01 07:30:24.5±0.9, 39.04N:0.02:26.47E:0.03, h16km, 7km, n26, r072/42, Turkey

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KOCA Kocaeli, BUHA Balikesir, BUHA Balikesir, etc.

DJA 01 07:04:20.2±1.2, 8.5S:11.8E, h21km, 14km, M3.9/11, ML3.9/11

IDC 01 07:04:26.9±2.0, 7.92S:118.37E, h0km, mb3.2/2, mb1 3.5/5, mb1mx3.3/32, mbtmp3.3/5, ML3.2/3, Error ellipse: s-maj=49.1km s-min=22.9km az=73.0

ISC 01 07:04:25.2±1.1, 8.01S:0.05:117.73E:0.05, h35km, n14, r173/17, Sumbawa Region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PLAI Plampang, TWSI Taliwang, TWSI Taliwang, etc.

IGQ 01 08:06:20.0±2.0, 0.1N:17.7W, h4km

RNSC 01 08:06:21.3±0.4, 0.10N:77.51W, h68km, 7km, ML3.7, Mw3.8

ISC 01 08:06:19.5±1.1, 0.10N:0.02:77.55W:0.02, h10km, n9km, n87, r1948/105, 2D, Colombia-Ecuador border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LAV4 Lav4-Reventad, CAYA Cayambe, CAYA Cayambe, etc.

1d 8h

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, and various station codes like ILLI, APUY, PUYO, etc.

IDC 01 08:06:45.7-0.7, 43.96N-88.16E, h0km, mb3.9/15, mb1.4, 0/21, mb1mx3.8/70, mbtmp3.9/21, ML3.6/6, MS2.7/3, Ms1.2/7.3, ms1mx2.4/43, Error ellipse: s-maj=18.2km s-min=10.6km az=40.0.

ISC 01 08:06:46.9-0.6, 43.98N-0.06E-88.15E, h10km, n59, a=150/69, mb3.8/16, 17Z-10D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, and various station codes like WMQ, MK31, MK31, etc.

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Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, and various station codes like ZALV, ZALV, KK31, etc.

REY 01 08:18:53.0, 64.66N-17.51W, h7km, IDC 01 08:18:53.0, 64.63N-17.68W, h0km, mb3.7/9, mb1.4, 0/11, mb1mx3.7/51, mbtmp3.7/11, ML3.2/2, MS3.2/5, Ms1.3/2.5, ms1mx2.8/38, Error ellipse: s-maj=23.9km s-min=11.1km az=14.0.

NEIC 01 08:18:55.4, 1.2, 64.52N-0.07-17.9W, 0.1, h8km, 5km, mb4.4/15, Error ellipse: s-maj=10.9km s-min=7.7km az=140.0.

ISC 01 08:18:54.0, 64.67N-0.02-17.52W, h10km, n97, a=23/107, mb4.1/15, MS3.3/3, Iceland

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, and various station codes like IDYN, IDYN, IDJK, etc.

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Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, and various station codes like IGRS, IFED, IRJU, etc.

IDC 01 08:22:09.3, 1.8, 16.60S-177.37E, h0km, mb3.9/8, mb1.4, 3/8, mb1mx4.0/28, mbtmp3.9/8, MS3.3/6, Ms1.3/3.6, ms1mx3.0/23, Error ellipse: s-maj=95.1km s-min=23.6km az=155.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC, h m s ISC. Includes stations like AF1 Afiamalu, DZM Mont Dzumac, HNR Honiara, etc.

DDA 01 09:44:05.4, 0.5, 27.45N, 140.23E, h487km, 7km, mb3.0/11, mb1 3.1/15, mb1mx2.9/50, mbtmp3.8/15, Error ellipse: s-maj=19.2km s-min=5.7km az=81.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC, h m s ISC. Includes stations like FOCM Foa, ZEDA zmir-Bergama, DKL Dikili, etc.

NEIC 01 09:42:52.1, 1.5, 5.5S, 0.1, 151.9E, 0.1, h75km, 22km, mb4.4/10, Error ellipse: s-maj=22.5km s-min=9.3km az=129.0

IDC 01 09:42:55.2, 0.5, 4.5S, 151.50E, h80km, 41km, mb3.9/10, mb1 4.1/11, mb1mx3.8/42, mbtmp4.2/11, ML2.1/1, MS2.3/2, Ms1 3.2/3, ms1mx2.7/34, Error ellipse: s-maj=37.0km s-min=23.2km az=105.0

ISC 01 09:42:50.7, 0.7, 5.5SS, 0.08, 151.9E, 0.1, h45km, n30, r1526/30, mb4.4/14, New Britain region

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

IDC 01 09:44:05.4, 0.5, 27.45N, 140.23E, h487km, 7km, mb3.0/11, mb1 3.1/15, mb1mx2.9/50, mbtmp3.8/15, Error ellipse: s-maj=19.2km s-min=5.7km az=81.0

JMA 01 09:44:06.9, 0.1, 27.74N, 140.84E, h503km, M3.7, ISC 01 09:44:06.1, 0.1, 27.74N, 140.84E, 0.1, h500km, n26, r148/33, mb3.5/12, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC, h m s ISC. Includes stations like CBIJ Chichi jima, JCJ Chichijima, JHHZ Haha-jima-NKT2, etc.

IDC 01 10:20:40.1, 1.9, 39.00N, 143.77E, h0km, mb3.7/6, mb1 3.7/9, mb1mx3.5/61, mbtmp3.7/9, ML2.5/3, Error ellipse: s-maj=49.9km s-min=22.1km az=74.0

NIED 01 10:20:44.6, 38.99N, 143.19E, h10km, MW3.4, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mo=0.45; M00=-1.14; M01=-0.81; M02=-0.26; M03=0.85; Fault plane solution: M1.55000x10^14 NP1: 0.333.00000, 0.74.00000, 1.57.00000. NP2: 0.221.00000, 0.36.00000, 1.153.00000.

JMA 01 10:20:44.6, 0.1, 38.99N, 143.19E, h10km, 2km, M3.6, ISC 01 10:20:42.3, 2.3, 39.09N, 143.35E, 0.08, h4km, 13km, n30, r1526/31, mb3.5/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC, h m s ISC. Includes stations like MIYV Miyakonagasawa, OFUJ Ofunato, JTH Tanohata, etc.

IDC 01 10:23:27.3, 4.4, 6.9SS, 149.62E, h0km, mb2.7/1, mb1 3.3/2, mb1mx3.1/44, mbtmp3.0/2, ML3.2/1, Error ellipse: s-maj=163.6km s-min=54.8km az=117.0, New Britain region

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

NEIC 01 10:27:41.6, 1.0, 28.52S, 0.05, 171.48W, 0.09, h35km, 74km, Error ellipse: s-maj=11.6km s-min=7.3km az=105.0

GUC 01 10:27:41.7, 0.7, 28.55S, 171.20W, h45km, 3km, ML3.9, ISC 01 10:27:42.5, 1.0, 28.63S, 171.03W, h40km, 6km, mb3.4/5, mb1 3.6/6, mb1mx3.5/33, mbtmp3.6/6, ML3.0/1, Error ellipse: s-maj=38.1km s-min=32.2km az=28.0

ISC 01 10:27:41.7, 0.9, 28.50S, 171.47W, 0.07, h33km, 2km, n48, r1506/58, mb3.4/5, 5C-1D, Near east coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC, h m s ISC. Includes stations like AC05 El Transito, AC05 El Transito, AC05 Copiap, etc.

IDC 01 10:30:39.8, 0.8, 73.22N, 6.61E, h0km, mb3.5/10, mb1 3.8/13, mb1mx3.7/71, mbtmp3.6/13, ML2.6/2, MS2.9/3, Ms1 2.9/3, ms1mx3.4/49, Error ellipse: s-maj=25.5km s-min=14.0km az=49.0

ISC 01 10:30:45.0, 7.33N, 0.1, 6.4E, 0.1, h10km, n18, r1579/16, mb3.5/10, Greenland Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC, h m s ISC. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, DAG Danmarks Havn, etc.

JMA 01 10:32:40.1, 0.1, 39.12N, 142.95E, h20km, 2km, M3.6, NIED 01 10:32:40.1, 39.12N, 142.95E, h20km, 7km, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mo=1.30; M00=1.00; M01=2.54; M02=-0.39; M03=2.55; Fault plane solution: M1.39000x10^14 NP1: 0.41.00000, 0.80.00000, 1.08.00000. NP2: 0.159.00000, 0.20.00000, 1.29.00000.

IDC 01 10:32:42.1, 1.4, 39.14N, 142.48E, h0km, mb3.6/6, mb1 3.6/8, mb1mx3.3/59, mbtmp3.6/8, ML3.0/2, MS2.8/2, Ms1 1.8/2, ms1mx2.4/52, Error ellipse: s-maj=35.7km s-min=20.0km az=92.0

ISC 01 10:32:41.2, 2.2, 39.22N, 0.05, 142.79E, 0.09, h8km, 12km, n27, r1434/27, mb3.6/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC, h m s ISC. Includes stations like MIYV Miyakonagasawa, OFUJ Ofunato, JTH Tanohata, etc.

Table with columns: ID, J10, Ouri, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like JANG Nango, JANG Rokugo, JANG Kureya, etc.

Table with columns: PRK, comp=N,2176um,0.6s, AML, AML, 10 47 28.7, etc. Includes stations like PRK Parakevi, PRK Abdulahap, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like BJO1 Bjornoya, BJO1 Bjornoya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like DDA 01, ISK 01, ATH 01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like IDC 01, THE 01, ISK 01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like N2IH Innhætt, N2IH Kilpisjarvi, etc.

GERES	comp-Z,5.1nm,18.2s,baz=3265,slow=35	LR	LR	11 11 25.2
GERES	GERES Array B	24.68 169 P	P	11 02 15.2 +0.3
PSZ	Piszkesteto	26.09 159 P	I	11 02 27.4 -0.2
PSZ	comp-Z,4.5nm,0.9s	Iamb	Iamb	11 02 28.9
ARU	Arti	26.48 101 LR	LR	11 13 53.3
BURAR	Bucovina Array	27.03 152 P	P	11 02 36.3 +0.2
MLR	Muntele Rosu	29.21 152 LR	LR	11 15 00.1
AKTO	Aktuyubinsk	31.62 108 P	P	11 03 19.1 +2.4
AKBK	Akbakul array	33.22 106 P	P	11 03 29.8 -0.9
KBZ	Khabaz	34.73 100 LR	LR	11 17 46.3
BRTR	Beskin Array B	36.05 143 LR	LR	11 20 00.4
ZALV	Zalesovo Beam	36.20 76 P	P	11 03 59.2 +2.9
KURK	Kurchatov	37.27 87 P	P	11 04 04.2 -1.4
KURBB	Kurchatov Arra	37.33 87 P	P	11 04 08.3 +2.3
YKA	Yellowknife Ar	38.93 321 P	P	11 04 20.9 +1.4
ILAR	Eielson Array	41.12 343 P	P	11 04 39.9 +2.3
ILAR	Eielson Array	41.12 343 P	P	11 04 34.3 -3.3
KK31	Karatay Array	41.83 100 Iamb	Iamb	11 04 42.6 -1.0
KK31	comp-Z,2.4nm,1.1s	Iamb	Iamb	11 04 47.6
KKAR	Karatay Array	41.83 100 P	P	11 04 42.9 -0.8
KKAR	Karatay Array	41.83 100 P	P	11 04 42.4 -1.2
KKAR	comp-Z,2.4nm,1.1s	Iamb	Iamb	11 04 47.6
MK31	Makanchi Array	41.87 86 P	P	11 04 42.4 -1.5
MK31	comp-Z,5.1nm,1.9s	Iamb	Iamb	11 05 58.1
MKAR	Makanchi Array	41.87 86 P	P	11 04 46.7 +2.8
GEYT	Alibeck	43.23 115 P	P	11 04 57.1 +2.0
GEYT	comp-Z,1.7nm,0.8s,baz=330,slow=13,SNR=2.8	LR	LR	11 24 13.6
SONM	Songino Array	47.62 64 P	P	11 05 32.6 +2.7
TORD	Tordoi Ar, Bea	60.14 186 P	P	11 07 03.5 +2.0
TORD	comp-Z,0.6nm,0.5s,baz=330,slow=6.3,SNR=3.4	Iamb	Iamb	11 07 10.5
TORD	Tordoi Ar, Bea	60.14 186 P	P	11 07 01.5 0.0
TORD	comp-Z,1.3nm,0.8s	Iamb	Iamb	11 07 10.5
NVAR	Mina Array Bea	62.49 313 P	P	11 07 22.1 +4.5
TXAR	Lajitas Array	67.76 298 P	P	11 07 54.6 +2.9
ASAR	Alice Springs	122.89 60 PKI	PKIKP	11 15 50.1 +0.1
ASAR	comp-Z,0.9nm,0.7s,baz=350,slow=2.6,SNR=4.4			

Code Station Name Az AZZ Phase ID Time Res
 LEM Lembang 3.82 135 P 10 58 29.1 +0.1
 LEM 4.9nm,0.3s,baz=270,slow=20,SNR=2.3
 WRA 4.6nm,0.3s,baz=294,slow=20,SNR=1.4
 WRA Warrange Ar 37.72 121 P 11 03 58.5 -1.2
 ASAR 0.3nm,0.6s,baz=292,slow=10.0,SNR=1.9
 ASAR Alice Springs 34.08 127 P 11 04 10.7 -0.7
 STKA 0.5nm,0.6s,baz=296,slow=7.6,SNR=12
 STKA Stephens Creek 44.12 133 P 11 05 36.5 +1.4
 STKA 1.0nm,0.5s,baz=306,slow=6.0,SNR=4.7

AEIC 01 11:20:23.2,1,56:54N;0.03:169:19W;0:08:h14km;3km,
 Error ellipse: s-maj=7.4km s-min=3.7km az=59.0
 IDC 01 11:20:24.1,0.5,56:67N;169:04W,h0km,mb4.8/27,
 mb1 5.0/30,mb1mx4.9/35,mbtmp4.8/30,ML4.2/3,MS4.3/32,
 Ms1 4.4/32,ms1mx4.2/51,Error ellipse: s-maj=16.5km
 s-min=9.4km az=20.0
 NEIC 01 11:20:25.4,56:08N;169:16W,h5km,Moment Tensor
 Solution: Moment tensor: Scale 10^16Nm; Mr=4.30;
 Mw=3.24; Ms=1.06; Mn=3.06; Mo=0.51; Mr=2.31; Fault
 plane solution: Ms4.80000°,N1°P1.298,83000°,
 667.64000°,λ-81.35000°. NP2:0.97,04000°,823.89000°,
 λ-110.08000°. Principal axes: T 4.7911,Plg22.0000°,
 Azm22.0000°; N 1.1771,Plg8.0000°,Azm116.0000°; P
 -5.9682,Plg66.0000°,Azm224.0000°.
 MOS 01 11:20:25.0,0.9,56:67N;169:09W,h18km,mb5.4/144,
 MS4.4/9,Error ellipse: s-maj=6.5km s-min=4.7km az=92.4
 NEIC 01 11:20:25.6,1.7,56:64N;0.05:169:08W;0.08,h10km,1km,
 mb5.2/387,Mw05.1/20,ML4.9(AEIC),Error ellipse:
 s-maj=9.0km s-min=7.0km az=215.0
 GCMT 01 11:20:27.6,0.2,56:83N;0.01:169:09W;0.02,h12km,
 MW5.1/142,Moment Tensor Solution. s75.0105;
 s142,c226; Duration: 0 Moment tensor: Scale 10^16Nm;
 Mr=6.26;10; Mw=6.23;10; Mn=0.03;09; Mo=0.94;30;
 Mw=1.51;09; Mr=0.09;32; Best double couple:
 Mw6.488000°,N1°P1.304,00000°,841.00000°,
 λ-88.00000°. NP2:0.282,00000°,849.00000°,
 λ-92.00000°. Principal axes: T 6.6460,Plg4.0000°,
 Azm13.0000°; N -0.3110,Plg1.0000°,Azm283.0000°; P
 -6.8300,Plg66.0000°,Azm178.0000°; nstai refers to
 body waves, cut-off=0s. nstaz2 refers to surface waves,
 cut-off=50s. Triangular moment-tensor function
 BUJ 01 11:20:27.4,0.0,56:84N;169:81W,h16km,mb5.4/45,
 mb5.1/64,Ms5.1/50,Ms7.4/49
 BGR 01 11:20:30.4,0.0,56:84N;169:89W,h33km,mb5.4,Ms4.2
 ISC 01 11:20:25.9,0.6,56:55N;0.04:169:08W;0.03,h10km,3km,
 n1269,φ1510/1303,mb5.3/359,MS4.5/53,42C-22D,Fault
 plane solution: NP1:0.264,19437°,837.57856°,
 λ-87.76162°. NP2:0.81,37083°,852.45507°,λ-91.72150°.
 Principal axes: T P1g7.4404°,Azm172.5984°; N
 P1g1.3649°,Azm82.4207°; P P1g82.4340°,Azm342.0866°;
 Fribilof Islands

Code	Station Name	Az	AZZ	Phase ID	Time Res
SPIA	Saint Paul Is	0.83 310	Pg	11 20 40.3 -1.6	
SPIA	Saint Paul Is	0.83 310	Pg	11 20 52.7 0.0	
AKGG	Akutan Green G	3.02 143	Sn	11 21 12.6 -1.1	
AKGC	Makushin Switc	3.04 153	Sn	11 21 49.2 -0.7	
MSW	Makushin Switc	3.04 153	Sn	11 21 12.6 -1.4	
AKRB	Akutan Reef B1	3.06 145	Sn	11 21 13.5 -0.7	
AKRB	Akutan Reef B1	3.06 145	Sn	11 21 51.5 +0.8	
AKLV	Akutan Long Va	3.07 143	Pn	11 21 14.0 -0.3	
MINAT	Makushin Natee	3.10 153	Pn	11 21 14.4 -0.3	
MAPS	Pakushin South	3.10 153	Pn	11 21 14.4 -0.4	
AKBA	Akutan Broad B	3.13 144	Pn	11 21 14.3 -0.8	
MGOD	Makushin Gode	3.13 155	Pn	11 21 13.7 -1.5	
AKUT	Akutan	3.15 142	Pn	11 21 14.7 -0.7	
AKSA	Akutan Strait	3.17 141	Pn	11 21 15.5 -0.2	
UNV	Unalaska Valle	3.18 151	Pn	11 21 16.3 +0.6	
UNV	Unalaska Valle	3.18 151	Sn	11 21 53.8 +0.2	
WEBT	Westdahl Beart	3.21 128	Pn	11 21 15.3 -0.9	
WESP	Westdahl Peak	3.29 129	Pn	11 21 16.7 -0.7	
OKFG	Magazine Ridge	3.32 168	Pn	11 21 16.0 -1.7	
OKFG	Magazine Ridge	3.32 168	Sn	11 21 55.8 -1.4	
OKSO	Okmok South	3.34 170	Pn	11 21 17.0 -1.1	
SSLS	Shishaldin Sou	3.47 122	Pn	11 21 19.8 -0.1	
FALS	False Pass	3.67 177	Pn	11 21 23.3 +0.8	
NKIH	Nikolski High	3.69 178	Pn	11 21 24.6 +1.8	
DTOT	Dutton Round H	4.13 109	Pn	11 21 28.0 -0.9	
SDPT	Sand Point	5.00 102	Pn	11 21 43.0 +2.1	
KORW	Korovin Flat P	5.27 216	Pn	11 21 24.3 +0.3	
ATKA	Atka Island	5.37 216	Pn	11 21 46.2 +0.4	
ATKA	Atka Island	5.37 216	Sn	11 22 48.4 +0.8	
CHGN	Chignik	5.92 89	Pn	11 21 53.2 -0.3	
ADK	Adak	6.53 292	Pn	11 22 00.4 -1.4	
ADK	Adak	6.53 292	Pn	11 22 00.4 -1.4	
GAMB	Gambell	7.26 311	Pn	11 22 31.1 -0.8	
ANN	Nome	8.14 11 P	Pn	11 22 27.4 +3.5	
ANN	Nome	8.14 11 P	Pn	11 22 27.4 +3.5	
SII	Sitkinak Islan	8.22 84	Pn	11 22 29.9 +4.8	
AMKA	Amchitka	8.64 237	Pn	11 22 31.8 +1.1	

OHAQ	Old Harbor	8.66 80	Pn	11 22 32.4 +1.5	
AUCH	Augustine Cone	8.73 65	Pn	11 22 33.3 +1.2	
KDAK	Kodiak Island	9.02 76	Pn	11 22 37.5 +1.5	
KDAK	1.9nm,0.3s,baz=296,slow=6.4,SNR=25	Sn	Sn	11 24 17.4 0.0	
KDAK	5.1nm,0.3s,baz=198,slow=23,SNR=57	Sn	Sn	11 22 35.1 -0.9	
KDAK	Kodiak Island	9.02 76	Pn	11 22 37.7 +1.7	
KDAK	Kodiak Island	9.02 76	Pn	11 22 36.8 -0.2	
IVE	Iliamna Volcan	9.09 62	Pn	11 22 40.2 +3.1	
TTA	Tatlinna	9.10 41	Pn	11 22 40.2 +3.1	
TTA	Tatlinna	9.10 41	Pn	11 22 40.2 +3.1	
NCT	North Crescent	9.29 58	Pn	11 22 39.6 -0.1	
RED	Redoubt Volcan	9.32 59	Pn	11 22 40.3 +0.1	
RSO	Redoubt South	9.34 59	Pn	11 22 44.0 +3.5	
DFR	Drift River	9.41 58	Pn	11 22 42.0 +0.6	
CNIO	China Hole Cre	9.47 55	Pn	11 22 48.7 +2.0	
SPCG	Spurr Capps Gi	9.95 55	Pn	11 22 47.1 +0.9	
BRLK	Bradley Lake S	10.09 64	Pn	11 22 53.2 +2.6	
STLK	Strandline Lak	10.10 54	Pn	11 22 51.8 +1.0	
BRSE	Bradley Lake S	10.16 65	Pn	11 22 52.7 +1.2	
SKT	Skwentna	10.42 52	Pn	11 22 57.7 +2.6	
PPLA	Putkeville	10.54 47	Pn	11 22 59.4 +2.4	
SUA	Susitna One	10.58 55	Pn	11 23 01.4 +0.4	
SEW	Seward	10.86 63	Pn	11 23 05.6 +2.6	
RCO1	Rabbit Creek A	10.94 58	Pn	11 23 03.3 +3.1	
CUT	Chulitna	11.13 51	Pn	11 23 08.8 +4.0	
PMR	Palmer	11.36 56	Pn	11 23 09.8 +1.9	
PMR	Palmer	11.36 56	Pn	11 23 09.8 +1.9	
KTH	Kantishna Hill	11.37 45	Pn	11 23 09.8 +1.8	
CNO	China Hole Cre	11.37 45	Pn	11 23 11.6 +1.0	
TRF	Thorfare Moun	11.57 46	Pn	11 23 13.8 +2.9	
BPWA	Beak Paw Mtn.	11.62 43	Pn	11 23 12.2 +0.7	
KNK	Knik Glacier	11.62 57	Pn	11 23 12.8 +1.2	
SML	Sawmill	11.79 55	Pn	11 23 14.3 +0.5	
SML	Sawmill	11.79 55	Pn	11 23 14.3 +0.5	
RDOC	Red Dog Mine	11.79 55	Pn	11 23 14.3 +0.5	
IMAR	Indian Mountai	11.87 32	Pn	11 23 14.4 -0.5	
RND	Reindeer	12.13 48	Pn	11 23 21.2 +2.7	
RND	Reindeer	12.13 48	Pn	11 23 21.2 +2.7	
RLY	Manley	12.22 39	Pn	11 23 19.3 -0.5	
BWN	Browne	12.23 44	Pn	11 23 23.5 +3.6	
MCK	McKinley	12.23 46	Pn	11 23 21.5 +1.6	
SCM	Sheep Creek Mo	12.25 56	Pn	11 23 20.6 +0.4	
SCM	Sheep Creek Mo	12.25 56	Pn	11 23 20.6 +0.4	
HIN	Hinchinbrook I	12.36 63	Pn	11 23 24.4 +2.7	
FID	Port Fidalgo	12.42 61	Pn	11 23 24.6 +2.2	
NEA2	Nenana	12.59 43	Pn	11 23 26.0 +1.3	
DHY	Dead Highway	12.62 50	Pn	11 23 29.6 +4.4	
EYAK	Cordova Ski Ar	12.75 63	Pn	11 23 29.7 +2.8	
I23K	Minto, Yukon-K	12.77 40	Pn	11 23 28.8 +1.6	
I23K	Minto, Yukon-K	12.77 40	Pn	11 23 30.1 +3.0	
KLU	Klutina	12.82 58	Pn	11 23 28.2 +0.2	
M24K	Tolsona, Glenn	12.85 55	Pn	11 23 30.3 +1.9	
M24K	Tolsona, Glenn	12.85 55	Pn	11 23 30.2 +1.9	
WRH	Wood River Hill	12.90 44	Pn	11 23 30.0 +1.1	
MDM	Murphy Dome	13.08 42	Pn	11 23 32.3 +0.0	
CCR	Chena Creek Bu	13.09 44	Pn	11 23 37.1 +1.6	
CIGU	UAF Van	13.18 43	Pn	11 23 35.7 +3.0	
TCOL	CIGO, UAF Van	13.18 43	Pn	11 23 36.0 +3.3	
COLA	College	13.18 43	Pn	11 23 36.2 +3.4	
COLA	College	13.18 43	Pn	11 23 36.2 +3.4	
RAGM	Ragged Mountai	13.26 63	Pn	11 23 36.2 +2.3	
HDA	Harding Lake	13.32 45	Pn	11 23 35.1 +0.5	
HDA	Harding Lake	13.32 45	Pn	11 23 36.0 +1.3	
PAX	Paxon	13.40 52	Pn	11 23 37.0 +1.1	
PAX	Paxon	13.40 52	Pn	11 23 37.0 +1.1	
POKR	Poker Plat Res	13.46 42	Pn	11 23 37.6 +1.0	
POKR	Poker Plat Res	13.46 42	Pn	11 23 38.2 +1.7	
N25K	Chitina, Valde	13.57 58	Pn	11 23 37.2 +0.4	
N25K	Chitina, Valde	13.57 58	Pn	11 23 37.0 +0.2	
IL31	Eielson Array	13.50 44	Pn	11 23 37.8 +0.7	
ILAR	Eielson Array	13.50 44	Pn	11 23 36.9 -0.3	
ILAR	Eielson Array	13.50 44	Pn	11 23 36.7 -0.4	
ILAR	Eielson Array	13.50 44	Pn	11 23 36.7 -0.4	
COLD	Coldfoot	13.76 32	Pn	11 23 42.0 +1.4	
COLD	Coldfoot	13.76 32	Pn	11 23 42.0 +1.4	
GLB	Gilahina Butte	13.81 59	Pn	11 23 42.7 +2.1	
IRD	Independent Ri	13.91 49	Pn	11 23 41.7 +0.3	
VRDI	Verde Repeater	13.95 60	Pn	11 23 42.9 -0.6	
CRUI	Cirque	14.05 62	Pn	11 23 46.2 +1.4	
MENT	Mentasta	14.16 53	Pn	11 23 47.1 +0.9	
MCARA	McCarthy VSAT	14.18 60	Pn	11 23 47.1 +0.7	
TGL	Tana Glacier	14.20 62	Pn	11 23 46.9 +0.1	
DOT	Dot Lake	14.22 50	Pn	11 23 47.4 +0.5	
PRP	Porcupine Dome	14.35 42	Pn	11 23 48.9 0.0	
SCRK	Sand Creek	14.35 49	Pn	11 23 49.4 +0.5	
ISLE	Juniper Island	14.43 63	Pn	11 23 50.0 0.0	
BALM	Baldy	14.46 61	Pn	11 23 49.6 -0.9	
MESA	MESA	14.46 65	Pn	11 23 53.0 +0.7	
YAH	Yatisse	14.71 64	Pn	11 23 53.5 -0.4	
BARN	Barnard Glacie	14.79 61	Pn	11 23 55.0 -0.1	
CTGM	Chitina Glacie	14.95 62	Pn	11 23 56.7 -0.3	
FYU	Fort Yukon	14.96 39	Pn	11 23 58.5 +1.5	
TABL	Table Mountain	15.01 64	Pn	11 23 57.4 -0.6	
TABL	Table Mountain	15.01 64	Iamb	Iamb	11 24 23.4
BCAR	Beaver Creek A	15.05 54	Pn	11 23 57.6 -0.7	
PCA	Pinnacle	15.44 65	Iamb	11 24 04.5 +1.0	
PCA	comp-Z,143nm,1.0s	Iamb	Iamb	11 24 11.3	
A21K	Barrow	15.65 15	Pn	11 24 06.2 +0.2	
A21K	Barrow	15.65 15	Pn	11 24 06.0 0.0	
BCPM	Bancas Point	15.76 66	Pn	11 24 11.1 -0.4	
EGAK	Eagle	15.77 48	Iamb	11 24	

ANMO Albuquerque	46.84	90	P	P	11 28 55.5	-0.4
ANMO Albuquerque	46.84	90	eP	P	11 28 56.0	+0.1
ANMO Albuquerque	46.84	90	P	P	11 28 55.1	-0.8
SPMN Marine on St.	46.97	70	P	P	11 28 56.7	+0.2
SPMN Marine on St.	46.97	70	P	I	11 28 56.7	+0.2
L222 Lemitar	47.14	91	P	P	11 28 59.0	+0.8
L222 IRIS PASSCAL I	47.23	91	P	P	11 28 59.9	+0.9
Y222 BNM	47.23	91	P	P	11 28 59.4	+0.5
IRK Irkutsk	47.37	303	eP	P	11 29 00.7	+0.8
DL2 Dalian	47.64	279	P	S	11 29 05.9	+4.1
DL2			eS	P	11 36 02.3	+5.2
DL2			P	P		
DL2			LR	LR		
DL2			LR	LR		
DL2			LR	LR		
DL2			LR	LR		
DBG DBG	47.66	11	iP	I	11 29 01.0	-0.5
121A	47.91	93	P	P	11 29 04.8	+0.5
121A	47.91	93	P	I	11 29 04.5	+0.3
319A	47.97	96	P	I	11 29 04.5	-0.2
TLY Talaya	48.03	303	eP	P	11 29 04.9	+0.1
TLY			eS	P	11 31 02.6	
TLY			P	S	11 36 12.1	+1.0
TLY			MLR	MLR		
TLY			P	I	11 29 04.8	+0.1
COWI	48.25	67	P	P	11 29 06.0	-0.5
G40A	48.28	68	P	I	11 29 05.4	-1.3
SFJD Kangerlussuaq	48.46	27	iP	P	11 29 06.8	-1.0
SFJD Kangerlussuaq	48.46	27	P	P	11 29 07.9	+0.1
SFJD Kangerlussuaq	48.46	27	P	P	11 29 07.9	+0.1
SFJD Kangerlussuaq	48.46	27	iP	P	11 29 06.8	-1.0
N35A Tabor	48.49	76	P	P	11 29 07.7	-0.7
HSIG	48.87	99	P	P	11 29 11.2	-0.3
F42A Maple Grove Fa	48.89	66	P	P	11 29 12.4	+0.2
ULN Ulanbaatar	49.00	297	iP	P	11 29 12.1	-0.3
ULN Ulanbaatar	49.00	297	P	P	11 29 12.0	-0.4
40A40A Norwalk	49.02	70	P	I	11 29 12.1	-0.3
ZAK ZAK	49.08	302	eP	P	11 29 11.3	-1.7
ZAK			e	P	11 30 36.7	
E43A Lone Tree Farm	49.14	65	P	P	11 29 12.8	-0.5
MOY MOY	49.26	305	eP	P	11 29 14.6	+0.3
ICESG Greenland Ices	49.30	21	iP	P	11 29 14.5	-0.1
SOMN Sogingo Array	49.34	298	P	P	11 29 15.1	+0.1
SOMN Sogingo Array	49.34	298	P	P	11 30 36.9	-0.5
SOMN Sogingo Array	49.34	298	P	P	11 29 15.5	+0.5
AMTX Amarillo	49.52	86	P	P	11 29 15.5	+0.5
AMTX Amarillo	49.52	86	P	I	11 29 15.2	-1.3
MSTX Muleshoe	49.60	88	P	P	11 29 16.1	-1.1
MSTX BJT	49.80	284	P	P	11 29 18.9	+0.5
BJT BJT	49.80	284	P	I	11 29 18.9	+0.5
MNTX Cornudas Mount	49.87	92	P	P	11 29 19.3	+0.2
MNTX Cornudas Mount	49.87	92	P	I	11 29 18.9	-0.2
JFW5 Jewell Farm	49.90	70	P	P	11 29 18.3	-0.8
NUUK NUUK	50.33	30	iP	I	11 29 21.1	-1.0
E46A Sault Ste Mari	50.49	63	P	I	11 29 23.5	0.0
P38A Dawn	50.51	76	P	P	11 29 22.3	-1.4
G45A Suttons Bay	50.75	65	P	P	11 29 25.8	+0.3
SCO Scoresbysund	51.01	14	P	P	11 29 26.6	-0.5
SCO Scoresbysund	51.01	14	P	P	11 29 27.3	+0.2
SCO Scoresbysund	51.01	14	P	P	11 29 27.3	+0.2
SCO Scoresbysund	51.01	14	P	I	11 29 26.6	-0.5
WMOK Wichita Mounta	51.23	84	P	P	11 29 28.4	-1.0
WMOK Wichita Mounta	51.23	84	P	P	11 29 28.2	-1.1
WMOK Wichita Mounta	51.23	84	P	P	11 29 28.2	-1.1
MAT0 Matagami	51.28	56	P	P	11 29 28.2	-1.1
P40A Paris	51.37	75	P	P	11 29 28.6	-1.7
GLMI Grayling	51.42	65	P	P	11 29 29.9	-0.7
GLMI Grayling	51.42	65	P	P	11 29 30.2	-0.4
HHC Hu-ho-hao-te	51.64	288	iP	P	11 29 33.8	+1.3
HHC			pP	S	11 29 38.3	+1.3
HHC			S	S	11 36 52.8	-0.6
HHC			P	P		
HHC			P	P		
HHC			LR	LR		
HHC			LR	LR		

HHC	comp=Z,480nm,13.1s	LR	LR			
TUL1 Leonard	52.00	81	P	P	11 29 33.4	-1.6
TUL1 Leonard	52.00	81	P	P	11 29 33.9	-1.1
S39A Bolivar	52.02	77	P	P	11 29 32.8	-2.4
TIA Tiaian	52.05	280	S	S	11 29 28.0	-7.4
TIA	comp=Z,5.0nm,0.5s	P	P	11 37 10.0	+11	
TIA	comp=Z,130nm,3.7s	P	P			
TIA	comp=N,370nm,14.5s	LR	LR			
TIA	comp=E,270nm,15.9s	LR	LR			
LSOQ Label-sur-Quev	52.08	56	P	P	11 29 34.4	-1.1
HDIL Hopedale	52.08	72	P	P	11 29 35.1	-0.4
HDIL Hopedale	52.08	72	P	I	11 29 34.6	-1.0
R40A Maddies Statio	52.15	76	P	P	11 29 34.0	-2.2
ABTX Abilene, Hawle	52.34	86	P	P	11 29 36.0	-0.8
ABTX Abilene, Hawle	52.34	86	P	I	11 29 36.6	-1.0
U38A Gravelite	52.37	79	P	P	11 29 35.6	-2.2
J47A Summer	52.45	67	P	I	11 29 37.6	-0.7
VLDQ Val d'Or	52.54	58	P	P	11 29 36.7	-2.1
P43A Skaggs, Pawnee	52.63	73	P	P	11 29 38.7	-0.9
BTO TX31	52.63	289	eP	P	11 29 40.0	+0.2
TX32 Lajitas Ar. Si	52.63	92	P	P	11 29 39.5	-0.4
TX32 Lajitas Array	52.63	92	P	P	11 29 39.2	-0.7
TXAR Lajitas Array	52.63	92	P	P	11 29 39.4	-0.5
TXAR Lajitas Array	52.63	92	P	P	11 30 49.5	-0.4
TXAR Lajitas Array	52.63	92	P	P	11 29 39.7	-0.2
TXAR Lajitas Array	52.63	92	P	P	11 29 39.7	-0.2
ANGG Ammassalik, Gr	52.65	23	P	I	11 29 39.0	-0.4
ANGG Ammassalik, Gr	52.65	23	iP	I	11 29 39.3	
U40A Yellowknife	53.26	78	P	P	11 29 41.9	-2.5
SFIN Lafayette	53.36	71	P	P	11 29 44.5	-0.5
SFIN Lafayette	53.36	71	P	I	11 29 44.1	-0.9
FVM French Village	53.36	75	P	P	11 29 43.6	-1.5
FVM French Village	53.36	75	P	P	11 29 43.6	-1.5
HPIG HPIG	53.40	96	P	I	11 29 45.6	-0.1
Q44A Meyer Farm, Va	53.43	73	P	P	11 29 45.4	-0.2
L48A N Adams	53.59	67	P	I	11 29 46.1	-0.6
W39A Magazine	53.62	80	P	P	11 29 45.5	-1.5
SLBS Sierra La Lagu	53.65	102	P	I	11 29 47.9	+0.5
SSE Sheshan	53.66	273	P	P	11 29 47.1	-0.2
ARCES ARCESS Array B	53.67	354	P	P	11 29 45.9	-1.0
N47A Urbana	53.72	69	P	P	11 29 46.6	-1.0
AAM Ann Arbor	53.72	67	P	P	11 29 47.0	-0.7
AAM Ann Arbor	53.72	67	P	I	11 29 47.0	-0.7
ALGO Algonquin Park	53.82	60	P	P	11 29 47.3	-1.0
J46A Rosedale	53.86	71	P	P	11 29 47.7	-1.0
JCT Junction City	53.88	88	P	P	11 29 48.2	-0.9
JCT Junction City	53.88	88	P	P	11 29 48.0	-1.1
JCT Junction City	53.88	88	P	I	11 29 48.0	-1.1
K50A Casco	53.90	65	P	P	11 29 48.7	-0.2
IFAR Ozark Folk Cen	54.00	78	P	P	11 29 48.3	-1.5
OLIL Olney	54.04	73	P	P	11 29 48.8	-1.2
SADO Sadova	54.16	61	LR	LR	11 54 28.1	
S44A Carbondale	54.20	74	P	P	11 29 49.9	-1.3
SIUC Southern Illin	54.20	74	P	P	11 29 49.7	-1.5
G54A Lake Saint Pet	54.21	60	P	P	11 29 50.3	-0.9
MIAR Mount Ida	54.22	80	P	P	11 29 50.2	-1.2
NJ2 Nanjing	54.22	275	eP	P	11 29 49.9	-1.5
PBMO Poplar Bluff	54.25	76	P	I	11 29 49.9	-1.7
D55A Sainte-Anne-du	54.25	57	P	P	11 29 50.7	-0.8
E55A Montceff-Lytto	54.40	58	P	P	11 29 51.7	-0.8
ZAAO Zalesovo Array	54.42	316	P	P	11 29 52.4	-0.1
ZALV Zalesovo Beam	54.42	316	P	P	11 29 52.0	-0.6
ZALV Zalesovo Beam	54.42	316	iP	P	11 30 56.0	-0.1
ZALV Zalesovo Beam	54.42	316	P	P	11 54 30.0	
ZALV Zalesovo Beam	54.42	316	P	P	11 29 52.5	-0.1
ZALV Zalesovo Beam	54.42	316	P	P	11 29 51.9	-0.6
BLO Bloomington	54.55	71	P	P	11 29 52.2	-0.9
BLO Bloomington	54.55	71	P	P	11 29 52.3	-1.4
D56A ZEC Mazanza, M	54.56	57	P	P	11 29 52.9	-0.9
H53A Bobcaygeon	54.57	61	P	P	11 29 53.8	0.0
M50A Fremont	54.69	67	P	I	11 29 53.5	-1.2
E56A St. Veronique	54.81	57	P	P	11 29 55.4	-0.9
P48A Milroy	54.90	70	P	P	11 29 54.5	-1.8

O49A Covington	54.93	69	P	P	11 29 55.3	-1.2
M51A Elyria	55.18	66	P	P	11 29 57.7	-0.6
LATO La Tuque	55.22	55	P	P	11 29 57.9	-0.6
LATO La Tuque	55.22	55	P	P	11 29 57.4	-1.0
TRQ Mont Tremblant	55.27	57	P	P	11 29 57.8	-1.2
E57A Chemin Saint G	55.32	57	P	P	11 29 58.3	-1.0
WCI Wyandotte Cave	55.37	72	P	P	11 29 58.8	-0.9
WCI Wyandotte Cave	55.37	72	P	P	11 29 58.5	-1.2
WCI Wyandotte Cave	55.37	72	P	I	11 29 58.5	-1.2
D58A Chemin du LacG	55.39	56	P	P	11 29 58.8	-0.9
N51A Ashland	55.49	67	P	P	11 29 58.5	-1.4
M52A Chesterland	55.44	66	P	P	11 29 59.5	-0.6
ACSO Alum Creek Sta	55.59	68	P	P	11 30 00.5	-0.7
ACSO Alum Creek Sta	55.59	68	P	I	11 30 00.2	-1.1
L53A Girard	55.69	65	P	P	11 30 02.1	+0.2
ERPA Erie	55.70	64	P	P	11 30 02.3	+0.2
ERPA Erie	55.70	64	P	P	11 30 02.0	0.0
E58A La Victoria	55.75	56	P	P	11 30 01.2	-1.0
833A Chaparral WMA,	55.77	90	P	P	11 30 02.6	0.0
M53A WI Miller and	55.86	65	P	P	11 30 03.2	0.0
T47A Sharon Grove	55.87	73	P	I	11 30 02.8	-0.4
G57A Newington	55.90	59	P	P	11 30 03.3	-1.0
R49A Shelbyville	55.91	71	P	I	11 30 02.5	-1.0
ALLY Alegheny Colle	55.97	65	P	P	11 30 03.2	-0.7
P51A Williamsport	56.11	68	P	I	11 30 03.8	-1.2
WVT Waverly	56.12	75	P	P	11 30 04.7	-0.4
WVT Waverly	56.12	75	P	P	11 30 04.6	-0.5
WVT Waverly	56.12	75	P	P	11 30 04.6	-0.5
WVNY West Valley, N	56.17	63	P	P	11 30 04.8	-0.7
H57A Richville	56.19	59	P	P	11 30 04.8	-1.2
N53A Lisbon	56.25	66	P	I	11 30 04.3	-1.1
O52A Adamsville	56.26	67	P	P	11 30 05.3	-0.8
G58A Ormstown	56.30	58	P	P	11 30 04.9	-1.3
G51A Peebles	56.30	69	P	P	11 30 05.4	-1.0
M54A Oil Creek Stat	56.31	64	P	P	11 30 06.2	-0.3
M54A Oil Creek Stat	56.31	64	P	P	11 30 05.9	-0.5
R50A Paris	56.35	70	P	P	11 30 05.7	-1.0
F59A Saint Guilaume	56.37	57	P	P	11 30 06.2	-0.4
D60A Saint Jean D'O	56.41	55	P	P	11 30 06.5	-0.5
I57A Carthage	56.45	60	P	P	11 30 07.0	-0.4
LONY Lak Ozonia	56.45	59	P	P	11 30 05.5	-1.9
P52A Corning	56.47	68	P	P	11 30 06.5	-1.0
HKT Hockley	56.48	85	P	P	11 30 06.2	-1.4
HKT Hockley	56.48	85	P	P	11 30 11.2	+3.6
O53A New Philadelphia	56.48	67				

I59A	Olmsteadville baz=320	57.41	59	P	P	11 30 13.3	-0.9
N56A	West Decatur baz=319,SNR=12	57.44	64	P	P	11 30 14.3	-0.2
R53A	Hurricane	57.54	69	P	P	11 30 14.6	-0.6
D63A	Stockholm baz=320	57.57	53	P	P	11 30 14.9	-0.3
BINY	Binghamton baz=319,SNR=5.7	57.60	61	P	P	11 30 15.7	+0.1
MCWV	Mont Chateau baz=319,SNR=8.3	57.62	66	P	P	11 30 15.3	-0.4
MCWV	Mont Chateau comp=Z,24nm,0.9s	57.62	66	I	Amb	11 30 14.5	-1.2
Q54A	Coxs Mills	57.62	67	P	P	11 30 14.8	-0.9
Q54A	comp=Z,37nm,1.0s	57.70	63	P	P	11 30 16.1	
M57A	Sunshine Farm, baz=319	57.70	63	P	P	11 30 16.3	+0.1
M57A	Sunshine Farm, comp=Z,58nm,1.2s	57.73	346	eP	pmax	11 30 15.9	-0.3
TMCR	Tamitsa	57.73	346	eP	pmax	11 30 13.9	-2.1
TMCR	comp=Z,29nm,1.1s	57.79	62	P	P	11 30 17.0	+0.1
L58A	Harry Jones Me baz=319,SNR=5.0	57.79	62	P	P	11 30 16.8	-0.2
O56A	Blue Knob Stat baz=319,SNR=7.1	57.80	65	P	P	11 30 16.2	-0.7
O56A	Blue Knob Stat comp=Z,52nm,1.1s	57.81	75	P	P	11 30 16.2	-0.9
X48A	Hartselle	57.82	74	P	P	11 30 16.3	-1.0
SWET	Sevanee	57.82	74	P	P	11 30 16.7	
SWET	comp=Z,26nm,1.3s	57.84	278	↑P	P	11 30 18.2	+0.8
WHN	Wuhan	57.85	64	P	P	11 30 17.2	-0.2
SSPA	Standing Stone baz=319	57.85	64	P	P	11 30 16.7	-0.7
SSPA	Standing Stone comp=Z,56nm,1.1s	57.88	56	P	P	11 30 17.1	-0.3
G62A	West of Eustis baz=320	57.88	56	P	P	11 30 17.1	-0.3
G62A	West of Eustis comp=Z,52nm,1.1s	57.91	53	P	P	11 30 16.7	-0.8
E63A	Oxbow baz=320	57.91	53	P	P	11 30 16.5	-1.1
E63A	Oxbow comp=Z,38nm,0.9s	57.93	64	P	P	11 30 18.0	+0.1
N57A	Milroy	58.00	62	P	P	11 30 17.8	-0.6
M58A	Price's Panora baz=320	58.00	62	P	P	11 30 18.3	-0.3
J60A	Lant Hill Farm baz=320	58.04	59	P	P	11 30 18.1	-0.7
L59A	Walton baz=320	58.07	61	P	P	11 30 18.2	-0.7
L59A	Walton baz=320,SNR=5.9	58.07	71	P	P	11 30 18.5	-0.4
TZTN	Tazewell	58.07	71	P	P	11 30 18.2	-0.7
TZTN	Tazewell comp=Z,39nm,1.2s	58.09	57	P	P	11 30 18.6	-0.3
H62A	Milan baz=320	58.09	57	P	P	11 30 19.3	0.0
XAN	Xi'an	58.11	284	pP	sP	11 30 29.6	+5.8
XAN	comp=Z,26nm,1.3s			pmax	pmax		
XAN	comp=Z,320nm,3.5s			LR	LR		
XAN	comp=Z,400nm,23.6s			LR	LR		
XAN	comp=Z,270nm,25.0s			LR	LR		
XAN	comp=Z,420nm,14.7s			LR	LR		
R54A	Victor baz=320,SNR=16	58.15	68	P	P	11 30 19.0	-0.5
F63A	Nahmakanta, Br baz=320	58.15	54	P	P	11 30 18.9	-0.4
W50A	Signal Mountai baz=320	58.16	73	P	P	11 30 18.9	-0.8
W50A	Signal Mountai comp=Z,33nm,1.4s	58.17	53	P	P	11 30 21.2	
E64A	Bridgewater baz=320	58.22	77	P	P	11 30 19.5	-0.4
Z47A	Carrollton	58.22	77	P	P	11 30 19.5	-0.4
Z47A	comp=Z,17nm,1.0s	58.24	65	P	P	11 30 19.1	-0.9
P56A	Dayton Farm, R baz=320,SNR=14	58.28	69	P	P	11 30 19.8	-0.6
S54A	Dingess, Beckl baz=320,SNR=9.0	58.28	69	P	P	11 30 19.4	-1.0
S54A	Dingess, Beckl comp=Z,44nm,0.9s	58.28	63	P	P	11 30 20.2	-0.1
N58A	Sunbury baz=320,SNR=6.2	58.28	63	P	P	11 30 19.2	-1.1
N58A	Sunbury comp=Z,43nm,1.1s	58.30	64	P	P	11 30 20.6	+0.1
O57A	Amberson baz=320,SNR=8.6	58.37	54	P	P	11 30 20.4	-0.4
F64A	Sherman baz=320,SNR=5.4	58.37	54	P	P	11 30 20.2	-0.6
F64A	Sherman baz=320	58.37	55	P	P	11 30 20.7	-0.2
G63A	Kingsbury baz=320	58.37	62	P	P	11 30 20.7	-0.3
M59A	Wymart baz=320	58.40	96	P	P	11 30 21.1	-0.7
ZAIG	Zacatecas	58.40	96	P	P	11 30 23.1	
ZAIG	comp=Z,24nm,1.3s	58.41	66	P	P	11 30 20.9	-0.4
Q56A	Snyder Ridge, baz=320,SNR=5.2	58.41	66	P	P	11 30 20.6	-0.7
Q56A	Snyder Ridge, comp=Z,29nm,1.1s	58.52	67	P	P	11 30 21.9	-0.2
R55A	Marlinton	58.52	67	P	P	11 30 21.3	-0.8
R55A	Marlinton baz=320	58.52	67	P	P	11 30 21.5	-1.0
V52A	Sevierville	58.58	72	P	P	11 30 21.5	-1.0
V52A	comp=Z,39nm,1.4s	58.63	72	P	P	11 30 21.8	-1.0
TKL	Tuckaleechee C TKL	58.63	72	P	pmax	11 30 21.8	-1.0
TKL	Tuckaleechee C TKL	58.63	72	P	I	11 30 21.8	-1.0
TKL	Tuckaleechee C TKL	58.63	72	P	I	11 30 21.8	-1.0
P57A	Homestead Farm baz=320	58.67	65	P	P	11 30 22.7	-0.3
P57A	Homestead Farm baz=320	58.67	65	P	P	11 30 22.4	-0.7
N59A	State Game Lan baz=320	58.69	62	P	P	11 30 22.5	-0.7
N59A	State Game Lan comp=Z,31nm,1.0s	58.72	64	P	P	11 30 23.3	-0.1
O58A	Lewisberry baz=320,SNR=7.4	58.74	295	↑P	pP	11 30 23.6	-0.1
GTA	Gaotai	58.74	295	↑P	sP	11 30 28.0	-0.3
GTA	Gaotai	58.74	295	↑P	sP	11 30 30.7	+3.7
GTA	Gaotai	58.74	295	↑P	sS	11 30 29.4	+0.9
GTA	Gaotai	58.74	295	↑P	sS	11 30 36.4	+2.5
GTA	comp=Z,35nm,1.3s			pmax	pmax		
GTA	comp=Z,220nm,6.5s			LR	LR		
GTA	comp=Z,400nm,19.3s			LR	LR		
GTA	comp=Z,560nm,18.5s			LR	LR		
GTA	comp=Z,430nm,16.7s			LR	LR		
PAGS	Pennsylvania G i63A	58.74	63	P	P	11 30 22.9	-0.6
i63A	Otisfield	58.75	57	P	P	11 30 23.9	+0.3
L61A	Hillsdale 1, H baz=320	58.78	60	P	P	11 30 22.4	-1.4
L61A	Hillsdale 1, H baz=320						
R56A	Bull Pasture M baz=320	58.79	67	P	P	11 30 23.7	-0.3
Q57A	Strasburg	58.81	66	P	P	11 30 23.7	-0.3
M60A	Pot baz=320,SNR=6.2	58.83	61	P	P	11 30 24.5	-0.3
SEM	Semipalatinsk comp=Z,7.6nm,1.5s,baz=316	58.94	316	eP	P	11 30 23.6	-1.5
SEM	Semipalatinsk comp=Z,8.0nm,1.5s	58.94	316	eP	pmax	11 30 23.5	-1.5
O59A	Robesonia baz=320,SNR=9.7	58.94	63	P	P	11 30 25.0	+0.1
W52A	Murphy	58.98	72	P	P	11 30 24.3	-1.0
W52A	comp=Z,30nm,1.2s	58.99	70	P	P	11 30 25.3	-0.1
U54A	Nelsons Funny baz=320,SNR=11	58.99	70	P	P	11 30 24.8	-0.6
U54A	Nelsons Funny baz=320,SNR=11	59.05	62	P	P	11 30 25.7	+0.1
N60A	Cedar Hill Far baz=320,SNR=5.5	59.12	71	P	P	11 30 25.8	-0.5
V53A	Saluda	59.12	71	P	I	11 30 26.8	
V53A	comp=Z,33nm,1.2s	59.12	62	P	P	11 30 25.5	-0.7
LUPA	Lehigh Univers	59.12	62	P	P	11 30 26.1	-0.1
ODNJ	Ogdensburg	59.12	61	I	Amb	11 30 26.6	
ODNJ	comp=Z,40nm,1.1s	59.18	68	P	P	11 30 25.5	-0.2
BLA	Blacksburg baz=320,SNR=11	59.18	68	P	P	11 30 26.9	-0.8
BLA	Blacksburg comp=Z,60nm,1.1s	59.18	68	P	pmax	11 30 25.9	-0.8
BLA	Blacksburg Lanzhou	59.22	290	↑P	pP	11 30 27.5	+0.4
BLA	Blacksburg Lanzhou	59.22	290	↑P	sS	11 30 30.7	+0.2
BLA	Blacksburg Lanzhou	59.22	290	↑P	sS	11 38 38.8	-1.5
LZH	comp=Z,54nm,1.3s			pmax	pmax		
LZH	comp=Z,230nm,5.2s			LR	LR		
LZH	comp=Z,810nm,15.2s			LR	LR		
LZH	comp=Z,860nm,15.2s			LR	LR		
Q58A	Fox Den Farm, baz=320,SNR=16	59.25	65	P	P	11 30 26.8	-0.3
S56A	Natural Bridge baz=320,SNR=16	59.26	67	P	P	11 30 27.2	0.0
SDMD	Soldier's Dell	59.31	64	P	I	11 30 27.1	-0.4
SDMD	Soldier's Dell comp=Z,34nm,1.3s	59.32	317	P	pmax	11 30 27.4	0.0
KURK	Kurchatov	59.32	317	P	pmax	11 30 27.4	0.0
KURK	Kurchatov comp=Z,49nm,1.3s	59.32	317	P	I	11 30 29.0	
KURK	Kurchatov comp=Z,49nm,1.3s	59.32	317	P	I	11 30 29.0	
R57A	Stanardsville baz=320	59.32	66	P	P	11 30 26.7	-0.9
O60A	Telford	59.32	63	P	P	11 30 27.2	-0.3
P59A	Jarrettsville baz=320,SNR=6.3	59.36	64	P	P	11 30 27.6	-0.2
ZSN	Zaisan comp=Z,16nm,1.1s,baz=311	59.43	311	eP	P	11 30 28.3	+0.1
ZSN	Zaisan comp=Z,16nm,1.1s,baz=311	59.43	311	eP	pmax	11 30 28.3	+0.1
S57A	Dark Hollow, R baz=320,SNR=7.5	59.51	67	P	P	11 30 28.8	-0.1
S57A	Dark Hollow, R baz=320,SNR=7.5	59.51	67	P	P	11 30 28.1	-0.8
WUPA	West Chester U WUPA	59.52	63	P	I	11 30 29.0	+0.1
WUPA	West Chester U WUPA	59.52	63	P	I	11 30 34.8	
T56A	Rocky Mt baz=320,SNR=7.6	59.52	68	P	P	11 30 28.8	-0.2
PAL	Palisades baz=320	59.52	61	P	P	11 30 28.6	-0.3
N61A	North Mountain baz=320	59.53	61	P	P	11 30 29.0	+0.1
R58A	Rapidan baz=320,SNR=5.8	59.58	66	P	P	11 30 28.6	-0.7
P60A	Greenville baz=320	59.60	63	P	P	11 30 29.9	+0.5
P60A	Greenville comp=Z,41nm,1.3s	59.60	63	P	I	11 30 34.4	
PSUB	Penn St. - Bra	59.60	63	P	P	11 30 27.8	-1.6
V55A	Taylorville	59.61	70	P	P	11 30 30.3	-0.7
Q59A	Harwood baz=320	59.62	64	P	P	11 30 31.0	+0.1
Y52A	Liburn	59.85	73	P	P	11 30 30.3	-1.0
Y52A	comp=Z,23nm,1.2s	59.86	69	P	P	11 30 31.2	-0.2
U56A	King baz=320,SNR=14	59.86	69	P	P	11 30 30.4	-1.0
U56A	King baz=320,SNR=14	59.90	66	P	P	11 30 31.0	-0.5
R58B	Mineral baz=320,SNR=5.6	59.90	66	P	P	11 30 31.4	-0.2
R58B	Mineral baz=320,SNR=5.6	59.90	66	P	I	11 30 33.4	
O61A	Allentown	59.91	62	P	P	11 30 31.8	+0.2
T57A	Hurt baz=320,SNR=10	59.94	68	P	P	11 30 31.0	-0.9
T57A	Hurt baz=320,SNR=10	59.94	68	P	I	11 30 31.3	-0.6
T57A	Hurt baz=320,SNR=10	59.94	68	P	I	11 30 32.3	
CBN	Conrad Frederi baz=320	59.97	65	P	P	11 30 32.2	+0.2
CBN	Conrad Frederi baz=320	59.97	65	P	P	11 30 32.3	+0.3
SVE	Sverdiolkov	60.00	331	eP	pmax	11 30 32.5	+0.6
SVE	Sverdiolkov comp=Z,61nm,1.4s			MLR	MLR		
S58A	Poland Farm, P baz=320	60.08	66	P	P	11 30 31.8	-1.0
S58A	Poland Farm, P baz=320	60.08	66	P	I	11 30 31.9	-1.0
S58A	Poland Farm, P baz=320	60.08	66	P	I	11 30 33.5	
R59A	King George, V baz=321	60.10	65	P	P	11 30 33.5	+0.6
250A	Grady	60.13	76	P	P	11 30 33.6	+0.4
250A	Grady comp=Z,47nm,1.4s	60.22	45	P	P	11 30 33.0	-0.6
DRLN	Deer Lake baz=320,SNR=21	60.22	49	P	P	11 30 33.6	-0.2
V56A	Mocksville						

1d 11h

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like CMAR Chiang Mai Arr, RJOB Jochberg, BIZ Bicz, etc.

2015 FEB

Table with columns: LKRN, PLE, NAX, KVT, COEN, etc. Includes stations like Lenkeran, Azer, Pjlevja, Nakhchivan, etc.

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Table with columns: BELA, SYO, SNA, etc. Includes stations like Belgrano 2, Syowa Base, Syowa Base, etc.

1.96.00000°; NP2:φ=172.00000°; δ=66.00000°; λ=87.00000°
 Principal axes: T 1.5790, Plg69.0000°, Azm76.0000°; N
 -0.0190, Plg3.0000°, Azm173.0000°; P -1.5630.
 Plg21.0000°, Azm264.0000°; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 Triangular moment-rate function
 MOS 01 11:41:47.4, 0.8, 12.375; 166.68E, h197km, mb5.5/65
 Error ellipse: s-maj=7.0km s-min=6.0km az=124.3
 NOU 01 11:41:48.0, 12.36S; 166.70E, h181km, mb5.2, Santa
 Cruz Islands

ISC 01 11:41:46.5, 0.4, 12.43S; 0.04, 166.80E, 0.04, h179km, 2km,
 h193km, P, n1341, r193/145E, mb5.3/251, 178C-80D.
 Fault plane solution: NP1:φ=145.29369°, δ=63.56972°;
 λ=4.92351°. NP2:φ=131.35622°, δ=50.77616°, λ=144.93050°.
 Principal axes: T Plg49.6302°, Azm4.6724°; N
 Plg39.3490°, Azm169.3448°; P Plg7.6084°.
 Azm265.6326°; Fault plane solution: NP1:
 φ=155.84630°, δ=62.01132°, λ=108.14279°.
 NP2:
 φ=300.92239°, δ=32.95073°, λ=59.63347°.
 Principal axes:
 T Plg67.6991°, Azm101.3136°; N Plg15.9600°.
 Azm327.1039°; P Plg15.1601°, Azm232.6597°; Santa
 Cruz Islands

Code	Station Name	A ²	Phase ID	ISC	Time	Res
					h m s	ISC
SANVU	Saraoutou	3.02 173	Pn	Pn	11 42 35.1	-0.3
SANVU	Saraoutou	3.02 173	P	Pn	11 42 36.9	+1.5
DVP	Devils Point	5.43 166	P	Pn	11 43 10.2	+4.2
HNR	Honiara	7.36 293	P	Pn	11 43 30.9	+0.5
HNR	Honiara	7.36 293	S	S	11 44 55.4	+1.1
HNR	Honiara	7.36 293	Pn	Pn	11 43 30.5	-0.9
HNR	Honiara	7.36 293	P	Pn	11 43 31.4	0.0
MARNC	Mare, Loyalty	9.08 173	P	Pn	11 44 04.2	+0.3
YATNC	Miamia plateau	9.58 180	P	Pn	11 44 01.6	+1.1
DZM	Mont Dzumac	9.60 182	P	Pn	11 44 01.9	+1.1
DZM	5.4nm, 0.3s, baz=357, slow=10.0, SNR=131		S	S	11 45 44.5	-3.3
DZM	5.4nm, 0.3s, baz=315, slow=20, SNR=16		LR	LR	11 47 13.7	
DZM	comp=Z, 1.1m, 18.2s, baz=38, slow=34		P	Pn	11 44 03.4	+2.6
DZM	Mont Dzumac	9.60 182	Pn	Pn	11 44 03.4	+2.6
DZM	Mont Dzumac	9.60 182	P	Pn	11 44 04.2	+3.0
NOUC	Port Laguerre	9.63 183	P	Pn	11 44 04.2	+3.0
ONTNC	Ouen Toro	9.83 182	P	Pn	11 44 06.9	+3.1
OUENC	Ouen Island, N	9.94 180	P	Pn	11 44 08.0	+2.8
PINNC	Pines Island, N	10.15 177	P	Pn	11 44 11.3	+3.4
MSVF	Nonsavu	12.07 117	P	P	11 44 37.6	-0.7
MSVF	Nonsavu	12.07 117	P	P	11 44 37.6	-0.7
MSVF	Nonsavu	12.07 117	P	P	11 44 37.4	-0.9
FUNA	Funafuti	12.79 74	P	P	11 44 47.6	+1.3
TARA	Tarawa	14.98 24	P	P	11 45 10.4	-0.2
TARA	Tarawa	14.98 24	P	P	11 45 10.8	+0.2
NFK	Norfolk Island	16.57 177	P	P	11 45 27.7	-0.3
PMG	Port Moresby	19.52 277	P	P	11 46 00.1	-0.2
PMG	Port Moresby	19.52 277	P	P	11 46 00.5	+0.2
PMG	Port Moresby	19.52 277	I	I	11 46 00.7	+0.4
PMG	Port Moresby	19.52 277	I	I	11 46 03.8	
PMG	comp=Z, 1.39nm, 1.1s		P	P	11 46 00.7	+0.4
EIDS	Eidsvold	19.64 227	P	P	11 46 03.2	+1.6
EIDS	comp=Z, 2.0nm, SNR=68		P	P	11 46 02.9	+1.4
LHI	Lord Howe Isla	20.30 199	P	Pn	11 46 11.5	-1.3
LHI	Lord Howe Isla	20.30 199	P	Pn	11 46 11.5	-1.3
LHI	Lord Howe Isla	20.30 199	P	Pn	11 46 11.3	+1.9
LHI	Lord Howe Isla	20.30 199	P	Pn	11 46 11.0	+1.9
AFI	Afiatamu	20.91 96	P	P	11 46 16.1	+0.9
AFI	Afiatamu	20.91 96	P	P	11 46 16.6	+1.4
AFI	comp=Z, 1.65nm, 1.1s		I	I	11 46 19.0	
AFI	Afiatamu	20.91 96	Pn	Pn	11 46 18.7	-2.1
PATS	Pohnpei	20.92 336	P	P	11 46 15.2	-0.1
PATS	Pohnpei	20.92 336	P	P	11 46 14.8	-0.5
CTAO	Charters Tower	21.13 246	P	P	11 46 17.6	+0.1
CTAO	Charters Tower	21.13 246	P	P	11 46 17.6	+0.1
MANU	Manus Island	21.85 297	P	P	11 46 25.3	+0.2
RMQ	Roma	21.89 228	P	P	11 46 27.6	+1.3
MTSU	Mount Surprise	22.41 253	P	P	11 46 31.3	+0.8
ARMA	Armidale	22.75 216	P	P	11 46 35.4	+1.8
ARMA	Armidale	22.75 216	P	P	11 46 35.2	+1.6
KOEN	Coen	23.05 264	P	P	11 46 37.5	+1.2
KNNT	Kanton	23.33 67	P	P	11 46 39.8	+1.1
KNNT	Kanton	23.33 67	I	I	11 46 40.1	
KNNT	Kanton	23.33 67	P	P	11 46 39.9	+1.1
NIUE	Niue	23.34 109	P	P	11 46 38.8	-0.1
NIUE	Niue	23.34 109	P	P	11 46 39.0	+0.2
NIUE	Niue	23.34 109	P	P	11 46 41.8	+3.0
OZU	Omahuta	25.31 166	P	P	11 46 42.8	+2.6
OZU	Omahuta	25.31 166	I	I	11 46 43.7	
QLP	Quilpie	25.45 233	P	P	11 46 58.6	+0.7
QLP	Quilpie	25.45 233	P	P	11 47 13.3	+2.1
HIZ	Haiti	26.95 166	P	P	11 47 15.2	
HIZ	Haiti	26.95 166	I	I	11 47 15.2	
CMSA	Colaba	27.20 227	P	P	11 47 14.7	+1.1
QIS	Mount Isa	27.27 249	P	P	11 47 14.5	+0.1
URZ	Urewera	27.32 162	P	P	11 47 14.9	+0.4
URZ	Urewera	27.32 162	P	P	11 47 14.9	+0.4
URZ	comp=Z, 2.8nm, 0.5s, baz=262, slow=2.4, SNR=21		P	P	11 50 28.7	-0.6
URZ	comp=Z, 1.7nm, 0.8s, baz=266, slow=4.6, SNR=4.1		P	P	11 47 15.6	+1.1
URZ	Urewera	27.32 162	P	P	11 47 17.6	
URZ	comp=Z, 7.2nm, 1.0s		I	I	11 47 17.6	
YNG	Young	27.46 215	P	P	11 47 18.0	+2.0
JAY	Jayapura	27.66 289	P	P	11 47 17.4	-0.5
JAY	Jayapura	27.66 289	P	P	11 47 20.1	+2.2
JAY	Jayapura	27.66 289	P	P	11 47 20.1	+2.2
CNB	Canberra Magne	27.72 212	P	P	11 47 19.6	+1.4
BKZ	Black Stump Fm	27.98 164	P	P	11 47 21.8	+1.3
QRZ	Quartz Range	28.73 171	P	P	11 47 29.2	+2.2
NZI	Nelson	29.25 170	P	P	11 47 34.0	+2.4
NZI	Nelson	29.25 170	I	I	11 47 35.7	
BFZ	Birch Farm	29.34 165	P	P	11 47 32.9	+0.4
TUWZ	Tuamarina	29.59 169	P	P	11 47 35.3	+1.0
SNZO	South Korori	29.59 168	P	P	11 47 35.3	+0.7
SNZO	South Korori	29.59 168	I	I	11 47 37.5	
SMPI	Sarmi	29.70 288	P	P	11 47 36.1	+0.2
THZ	Tophouse	29.70 171	P	P	11 47 37.3	+1.6
BHW	Baring Head	29.72 168	P	P	11 47 36.2	+0.5
MSWZ	Mokla Station	29.81 167	P	P	11 47 36.8	+0.2
BSWZ	Blackbirch Sta	29.82 169	P	P	11 47 39.1	+2.4
PLWZ	Palliser	29.96 167	P	P	11 47 37.6	-0.3
STKA	Stevens Creek	30.19 226	P	P	11 47 41.4	+1.3
STKA	Stevens Creek	30.19 226	P	P	11 47 40.5	+0.4
STKA	Stevens Creek	30.19 226	P	P	11 47 40.5	+0.4
STKA	comp=Z, 1.1nm, 0.7s, baz=52, slow=9.7, SNR=3.4		P	P	11 50 36.5	-0.2
STKA	comp=Z, 1.5nm, 0.7s, baz=39, slow=3.9, SNR=6.7		P	P	11 50 36.5	-0.2
STKA	comp=Z, 9.3nm, 1.0s, baz=81, slow=3.6, SNR=5.6		P	P	11 54 04.0	+1.7
STKA	comp=Z, 9.15nm, 1.8s, baz=59, slow=3.5		LR	LR	11 59 36.4	
STKA	Stevens Creek	30.19 226	P	P	11 47 41.1	+1.0
STKA	Stevens Creek	30.19 226	P	P	11 47 40.8	+0.6
KHZ	Kahutara	30.45 170	P	P	11 47 42.9	+0.7
LTX	Lake Taylor	30.61 172	P	P	11 47 44.1	+0.4
FOZ	Fox Glacier	31.01 176	P	P	11 47 49.1	+1.2
OXZ	Oxford	31.12 173	P	P	11 47 49.0	+0.9

RPZ	Rata Peaks	31.39 174	P	P	11 47 50.7	+0.3
RPZ	comp=Z, 1.84nm, 0.6s, baz=309, slow=2.6, SNR=101		P	P	11 50 39.9	+0.2
RPZ	comp=Z, 1.8nm, 0.6s, baz=255, slow=1.4, SNR=3.2		P	P	11 47 51.1	+0.7
RPZ	Rata Peaks	31.39 174	P	P	11 47 52.6	+1.0
TOO	Toolangi	31.46 214	P	P	11 47 53.1	+1.8
TOO	Toolangi	31.46 214	P	P	11 47 53.1	+1.8
TOO	comp=Z, 2.33nm, 1.1s		P	P	11 47 53.1	+1.8
TOO	Toolangi	31.46 214	P	P	11 47 52.7	+0.7
MQZ	McQueen's Valla	31.57 172	P	P	11 47 53.2	-1.4
WRQ	Warramunga Arr	31.83 252	P	P	11 47 54.2	-1.4
WBO	Warramunga Arr	31.94 253	P	P	11 47 56.0	
WBO	comp=Z, 6.5nm, 1.1s		I	I	11 47 55.8	+0.2
LBZ	Lake Benmore	31.98 175	P	P	11 47 57.9	
LBZ	Lake Benmore	31.98 175	I	I	11 47 54.8	-1.4
WBR	Warramunga Arr	32.01 252	P	P	11 47 55.2	-1.0
WRAB	Tennant Creek	32.01 252	P	P	11 47 55.2	-1.0
WRAB	comp=Z, 5.6nm, 1.2s		P	P	11 47 55.4	-0.8
WRAB	Tennant Creek	32.01 252	P	P	11 47 55.3	-1.0
WRAB	Warramunga Arr	32.01 252	P	P	11 47 55.3	-1.0
WRAB	comp=Z, 2.9nm, 1.0s, baz=84, slow=8.9, SNR=78		P	P	11 48 31.1	-1.2
WRA	comp=Z, 8.0nm, 0.7s, baz=85, slow=8.7, SNR=3.3		P	P	11 50 41.0	-0.8
WRA	comp=Z, 4.9nm, 0.7s, baz=78, slow=3.3, SNR=4.9		P	P	11 54 10.3	+1.7
WRA	comp=Z, 9.1nm, 1.0s, baz=84, slow=3.4, SNR=14		P	P	11 58 08.4	-1.5
WRA	comp=Z, 0.5nm, 0.9s, baz=22, slow=0.7, SNR=4.6		P	P	12 00 41.2	
WRA	comp=Z, 6.15nm, 1.8s, baz=80, slow=35		P	P	12 19 23.2	
WRA	comp=Z, 0.9nm, 0.7s, baz=264, slow=2.5, SNR=5.5		P	P	11 47 54.9	-1.4
WRA	Warramunga Arr	32.02 252	P	P	11 47 56.8	+0.3
SRPI	Serui, Papua	32.04 177	P	P	11 48 00.1	+1.4
WKZ	Wanaka	32.34 177	P	P	11 47 59.5	-0.2
BAKI	Biak	32.41 288	P	P	11 48 01.3	-0.3
ODZ	Odishu Downs	32.67 175	P	P	11 48 03.8	+0.6
MLZ	Mavora Lakes	32.84 178	P	P	11 48 03.8	+0.6
MLZ	Mavora Lakes	32.84 178	I	I	11 48 05.2	
DCZ	Deep Cove	32.92 180	P	P	11 48 04.4	+0.6
HTT	comp=Z, 9.2nm, 1.0s		P	P	11 48 05.1	+1.0
ARPS	Mount Arapiles	33.01 218	P	P	11 48 05.7	+1.0
AS31	comp=Z, 3.3nm, SNR=6.6		P	P	11 48 04.7	-1.3
ASAR	Alice Springs	33.13 246	P	P	11 48 04.8	-1.1
ASAR	Alice Springs	33.13 246	P	P	11 50 44.4	-0.6
ASAR	comp=Z, 8.8nm, 0.7s, baz=80, slow=3.7, SNR=9.7		S	S	11 53 09.4	-2.8
ASAR	comp=Z, 1.0nm, 0.9s, baz=84, slow=3.6, SNR=19		P	P	11 54 13.4	+1.0
ASAR	comp=Z, 0.6nm, 1.0s, baz=121, slow=1.7, SNR=2.2		P	P	11 58 09.1	-1.6
ASAR	comp=Z, 2.96nm, 1.8s, baz=74, slow=37		P	P	12 02 02.9	
ASAR	comp=Z, 1.0nm, 0.8s, baz=274, slow=11, SNR=10		P	P	12 20 36.3	
ASAR	comp=Z, 0.3nm, 0.7s, baz=204, slow=1.8, SNR=1.5		P	P	11 48 03.9	-2.1
ASAR	Alice Springs	33.13 246	P	P	11 48 07.1	-0.5
WHZ	Wether Hill Ro	33.37 179	P	P	11 48 08.7	
KDU	Kakadu	33.50 266	P	P	11 48 09.0	-0.1
PYZ	Puysegur Point	33.63 180	P	P	11 48 10.0	+0.2
PYZ	Puysegur Point	33.63 180	I	I	11 48 28.7	
BBOO	Bucklebo	34.68 229	P	P	11 48 19.6	+0.4
BBOO	Bucklebo	34.68 229	P	P	11 48 19.6	+0.4
MTN	Manton Dam	34.79 265	P	P	11 48 20.4	+0.1
MTN	Manton Dam	34.79 265	I	I	11 48 21.5	
SIJI	Siorong	37.06 285	P	P	11 48 39.8	+0.2
SIJI	comp=Z, 100nm, 1.0s, baz=77, slow=6.7, SNR=18		LR	LR	12 04 09.9	
SWI	Siorong	37.06 285	P	P	11 48 39.8	+0.2
SWI	Siorong	37.06 285	P	P	11 48 39.3	-0.3
FITZ	Fitzroy Crossi	40.05 257	P	P	11 49 04.3	-0

DOT	comp=Z,83nm,1.0s	I	Amb	I	Amb	11 54 01.0	
VOG	Valley Oaks Go baz=250	84.62	51	P	P	11 54 00.2 +0.2	
ARVC	Arvin baz=251,SNR=5.4	84.65	52	P	P	11 54 00.6 +0.4	
V04C	Vestal, Richgr baz=251,SNR=7.9	84.69	52	P	P	11 54 00.5 +0.1	
M04C	Macdoel baz=250,SNR=28	84.75	45	P	P	11 54 01.5 +0.8	
DECC	Green Verdugo baz=251	84.75	53	P	P	11 54 01.4 +0.6	
COR	Corvallis baz=251	84.82	42	P	P	11 54 02.7 +1.9	
PASC	Pasadena Art C	84.84	54	P	P	11 54 01.7 +0.1	
SCRK	Sand Creek baz=228,SNR=37	84.86	20	P	P	11 54 01.6 +0.9	
MWC	Mount Wilson	84.96	54	P	P	11 54 02.2 +0.1	
MWC	comp=Z,113nm,1.7s						
MWC	Mount Wilson	84.96	54	P	P	11 54 02.2 +0.1	
MWC	comp=Z,113nm,1.7s						
RUBR	Rubicon Trail	84.97	48	P	P	11 54 02.7 +0.7	
RUBR	comp=Z,56nm,1.0s						
BCAR	Beaver Creek A	85.00	21	P	P	11 54 01.7 +0.3	
G03D	McMinnville, O	85.09	42	P	P	11 54 03.2 +1.1	
ISA	Isabel Lake baz=247,SNR=8	85.10	52	P	P	11 54 03.3 +0.7	
ISA	Isabella, Lake baz=251,SNR=18	85.10	52	P	P	11 54 02.9 +0.3	
ISA	Isabella, Lake						
ISA	comp=Z,47nm,1.4s						
ISA	Isabella, Lake	85.10	52	P	P	11 54 02.9 +0.3	
J04D	Umpqua Nationa baz=248,SNR=18	85.10	44	P	P	11 54 03.5 +0.9	
BEKR	Beckworth	85.11	48	P	P	11 54 02.6 -0.1	
BEKR	comp=Z,66nm,1.2s						
I04A	Tendick Farm, baz=248,SNR=19	85.11	43	P	P	11 54 02.8 +0.4	
K04D	Chiloquin, OR baz=243,SNR=9.6	85.11	45	P	P	11 54 03.5 +1.0	
H04D	Lebanon	85.17	43	P	P	11 54 03.7 +1.2	
EDW2	Edwards Air Fo baz=251,SNR=21	85.22	53	P	P	11 54 03.9 +0.8	
HYT	Haines Junctio	85.22	24	P	P	11 54 02.2 -0.4	
BFSC	Mount Baldy Ra baz=252,SNR=10	85.28	54	P	P	11 54 03.9 +0.3	
MDPB	Devils Postpil	85.28	50	P	P	11 54 04.2 +0.5	
MDPB	comp=Z,59nm,1.2s						
109C	Camp Elliot, M baz=252	85.30	55	P	P	11 54 04.1 +0.6	
109C	Camp Elliot, M	85.30	55	P	P	11 54 03.8 +0.3	
MOY	comp=Z,48nm,0.7s						
MOY	Mondy	85.30	325	eP	P	11 54 05.1 +1.9	
WAKR	Walker	85.31	49	P	P	11 54 04.3 +0.6	
WAKR	comp=Z,89nm,2.8s						
OMMB	Old Mammoth Mi	85.34	50	P	P	11 54 04.9 +0.9	
COLD	Coldfoot	85.34	15	P	P	11 54 04.4 +1.4	
COLD	comp=Z,63nm,1.0s						
COLD	Coldfoot	85.34	15	P	P	11 54 04.0 +1.1	
COLD	comp=Z,63nm,1.0s						
PNTR	Pine Nut	85.39	49	P	P	11 54 04.5 +0.3	
PNTR	comp=Z,67nm,1.2s						
GTK	Tadong	85.41	299	eP	P	11 54 05.0 +0.7	
E03A	Lebam	85.42	40	P	P	11 54 04.5 +0.8	
V03N	Virginia City	85.42	48	P	P	11 54 04.6 +0.4	
PRP	Porcupine Dome	85.43	18	P	P	11 54 02.2 -1.1	
MURC	Murrieta	85.44	54	P	P	11 54 04.8 +0.5	
MLAC	Mammoth, Mammo	85.47	50	P	P	11 54 06.0 +1.4	
NLWA	Neilton Lookou	85.56	40	P	P	11 54 04.6 +0.1	
NLWA	comp=Z,57nm,1.4s						
BAR	Barrett	85.58	55	P	P	11 54 05.2 +0.2	
H04A	Detroit Lake	85.59	43	P	P	11 54 04.0 0.0	
H04A	comp=Z,80nm,1.3s						
TKX	Tecate	85.60	55	P	P	11 54 05.5 +0.5	
CWC	Cottonwood Cre	85.65	51	P	P	11 54 06.0 +0.6	
LRMC	Laurel Mtn Rd baz=252,SNR=17	85.65	52	P	P	11 54 06.2 +0.8	
J05D	Fort Rock, OR baz=249,SNR=43	85.71	44	P	P	11 54 06.7 +1.2	
TIN	Tinemaha, Big baz=251	85.73	51	P	P	11 54 06.7 +1.0	
K05A	Summer Lake	85.74	45	P	P	11 54 06.2 +0.4	
PAHR	Pah Rah Range	85.76	48	P	P	11 54 06.3 +0.5	
PAHR	comp=Z,50nm,1.0s						
MONP2	Monument Peak baz=252,SNR=14	85.85	55	P	P	11 54 07.4 +0.9	
MOD	Modoc Plateau	85.86	46	P	P	11 54 06.5 +0.2	
MOD	comp=Z,62nm,1.2s						
BBRC	Big Bear Solar baz=252	85.87	54	P	P	11 54 07.4 +0.8	
LHV	Little Huntoon	85.92	50	P	P	11 54 07.1 +0.7	
ESJX	Sierra Juarez	85.96	56	P	P	11 54 07.9 +0.8	
MPMC	Manual Prospec baz=252,SNR=16	85.98	52	P	P	11 54 07.7 +0.6	
I05D	Terrebonne, OR baz=249,SNR=20	86.03	43	P	P	11 54 07.6 +0.7	
KYP	In-Ko-Pa Jac baz=253,SNR=8.2	86.03	56	P	P	11 54 08.0 +0.8	
RYN	Ryan	86.03	49	P	P	11 54 07.2 0.0	
PFO	Pinyon Flats O comp=Z,57nm,1.2s,baz=220,slow=2.4,SNR=11	86.03	55	P	P	11 54 07.4 +0.1	
PFO	Pinyon Flats O	86.03	55	P	P	11 54 07.8 +0.4	
PFO	comp=Z,37nm,1.4s						
PFO	Pinyon Flats O	86.03	55	P	P	11 54 07.5 +0.1	
TPFO	Pinon Flats baz=252,SNR=7.0	86.03	55	P	P	11 54 07.8 +0.5	
E04D	Cinebar baz=248,SNR=20	86.06	41	P	P	11 54 08.0 +1.1	
PINE	Pine Mountain	86.09	44	P	P	11 54 07.9 +0.5	
PINE	comp=Z,89nm,1.2s						
D03D	Eldon	86.10	40	P	P	11 54 08.2 +1.1	
NVAR	Mina Array Bea comp=Z,20nm,1.0s,baz=231,slow=7.8,SNR=85	86.12	49	P	P	11 54 08.3 +0.6	
NVAR	comp=Z,16nm,1.2s,baz=249,slow=7.8,SNR=22						
NVAR	comp=Z,0.4nm,0.8s,baz=318,slow=2.4,SNR=2.6						
NVAR	comp=Z,0.5nm,0.6s,baz=103,slow=4.0,SNR=7.0						
NVAR	comp=Z,144nm,20.5s,baz=250,slow=31						
NVAR	Mina Array Bea	86.12	49	P	P	11 54 07.8 0.0	
D04E	Lakebay baz=247	86.17	40	P	P	11 54 09.0 +1.6	
TAPN	Tapeljung	86.18	299	eP	P	11 54 08.6 +0.2	
NV11	Mina Array Sit	86.24	50	P	P	11 54 08.2 0.0	
NV11	comp=Z,68nm,1.4s						
CCU	Fort Yukon	86.24	17	P	P	11 54 07.3 0.0	
GSC	Goldstone, Bar baz=252,SNR=11	86.28	53	P	P	11 54 09.1 +0.7	
GSC	Goldstone, Bar	86.28	53	P	P	11 54 08.1 -0.3	
GSC	comp=Z,56nm,1.7s						
GSC	Goldstone, Bar	86.28	53	P	P	11 54 08.1 -0.3	
EGAK	Beagle	86.32	20	P	P	11 54 07.1 -0.6	
EGAK	comp=Z,53nm,0.9s						
PGC	Sidney	86.32	39	P	P	11 54 08.7 +0.6	
PGC	comp=Z,69nm,1.3s						
SWSC	Sam W. Stewart	86.36	55	P	P	11 54 09.7 +1.0	

GRAC	Grapevine Rang baz=253,SNR=11	86.37	51	P	P	11 54 09.6 +0.8	
G05D	Wamic, OR baz=252	86.37	42	P	P	11 54 09.3 +0.8	
DAWY	Dawson, SNR=13	86.42	21	P	P	11 54 08.5 -0.1	
HEC	Hector,Ludlow baz=252	86.50	53	P	P	11 54 10.4 +0.9	
F05D	White Salmon baz=253,SNR=12	86.52	42	P	P	11 54 10.3 +1.1	
BELC	Belle Mtn. Jos baz=253	86.52	54	P	P	11 54 10.6 +0.9	
SFX	San Felipe	86.58	57	P	P	11 54 10.4 +0.5	
FURC	Furnace Creek, baz=252,SNR=22	86.59	52	P	P	11 54 10.9 +1.1	
LOI	Longmire	86.61	41	P	P	11 54 09.7 0.0	
LOI	comp=Z,22nm,1.1s						
LOI	Longmire	86.61	41	P	P	11 54 09.7 0.0	
D05A	Enunclaw	86.66	40	P	P	11 54 10.9 +1.0	
A04D	Lummi Island baz=247,SNR=12	86.80	39	P	P	11 54 12.0 +1.5	
TPH	Tonopah	86.82	50	P	P	11 54 11.2 +0.1	
TPH	comp=Z,246nm,1.6s						
TPH	Tonopah	86.82	50	P	P	11 54 11.2 +0.1	
BC3	Big Chuckawall baz=253,SNR=8	86.85	55	P	P	11 54 12.4 +1.2	
SHOC	Shoshone, Teco baz=252	86.87	52	P	P	11 54 12.0 +0.8	
B05A	Bryant	87.00	39	P	P	11 54 12.3 +0.9	
GMRC	Granite Mounta baz=253,SNR=14	87.02	54	P	P	11 54 12.8 +0.7	
BMAR	Burnt Mountain A21K	87.02	17	P	P	11 54 09.6 -1.6	
A21K	Dease Lake baz=216,SNR=15	87.12	11	P	P	11 54 12.7 +1.2	
DLBC	Dease Lake comp=Z,18nm,1.2s,baz=234,slow=6.3,SNR=7.9	87.12	28	P	P	11 54 11.8 +0.3	
DLBC	Dease Lake	87.13	28	P	P	11 54 12.1 +0.2	
I07A	Izeze	87.17	44	P	P	11 54 13.1 +0.6	
I07A	comp=Z,50nm,1.0s						
GLA	Glamis	87.17	55	P	P	11 54 14.2 +1.4	
GLA	Glamis baz=253,SNR=7.2	87.17	55	P	P	11 54 13.7 +1.0	
GLA	comp=Z,33nm,1.0s						
GLA	Glamis	87.17	55	P	P	11 54 13.7 +1.0	
GLA	comp=Z,33nm,0.9s						
WVOR	Wild Horse Val	87.20	46	P	P	11 54 12.8 0.0	
WVOR	comp=Z,57nm,1.2s						
WVOR	Wild Horse Val	87.20	46	P	P	11 54 12.8 0.0	
WVOR	comp=Z,57nm,1.2s						
TPNV	Topopah Spring baz=252,SNR=15	87.21	51	P	P	11 54 13.6 +0.7	
TPNV	Topopah Spring	87.21	51	P	P	11 54 13.4 +0.4	
TPNV	comp=Z,144nm,2.0s						
TPNV	Topopah Spring	87.21	51	P	P	11 54 13.4 +0.4	
TPNV	comp=Z,144nm,2.0s						
IRM	Iron Mountain baz=253,SNR=24	87.24	54	P	P	11 54 14.1 +1.1	
B06A	Marblemount Liberty	87.47	39	P	P	11 54 13.8 +0.1	
LTY	Liberty	87.52	41	P	P	11 54 14.1 0.0	
TIXI	Tiksi	87.64	349	P	P	11 54 13.7 -0.3	
TIXI	comp=Z,85nm,1.4s						
TIXI	Tiksi	87.64	349	P	P	11 54 13.7 -0.3	
TIXI	comp=Z,85nm,1.4s						
E07A	Sunnyside	87.80	41	P	P	11 54 15.8 +0.5	
E07A	comp=Z,44nm,0.9s						
PIX	Pinacate	87.87	57	P	P	11 54 15.9 0.0	
GUN	Gumb	87.89	299	eP	P	11 54 16.7 +0.1	
SHPR	Sheep Range	87.91	52	P	P	11 54 17.0 +0.7	
G08A	Pilot Rock	87.95	43	P	P	11 54 16.8 +0.4	
G08A	comp=Z,57nm,1.1s						
HAWA	Hanford	87.95	42	P	P	11 54 16.3 +0.3	
HAWA	comp=Z,46nm,1.1s						
PDMCI	Parker Dam,Lak baz=254,SNR=19	88.08	54	P	P	11 54 18.1 +1.2	
R11A	Troy Canyon, C baz=253,SNR=31	88.13	50	P	P	11 54 17.8 +0.5	
R11A	Troy Canyon, C	88.13	50	P	P	11 54 17.7 +0.3	
R11A	comp=Z,47nm,1.4s						
PKI	Pulchoki	88.21	299	eP	P	11 54 17.7 -0.4	
PKI	comp=Z,170nm,1.0s						
PKIN	Phulchoki	88.22	299	eP	P	11 54 17.9 -0.2	
PRN	Pahroc Range	88.26	51	P	P	11 54 18.6 +0.7	
DMN	Daman	88.48	299	eP	P	11 54 19.6 +0.3	
W13A	Hualapai Mount 214A	88.50	54	P	P	11 54 19.5 +0.3	
214A	Organ Pipe Nat baz=254	88.51	57	P	P	11 54 20.5 +1.4	
D08A	Organ Pipe Nat	88.51	57	P	P	11 54 20.0 +1.0	
D08A	Wollman Ranch, baz=282nm,1.5s	88.57	41	P	P	11 54 19.1 +0.2	
EPYK	Eagle Plains	88.75	20	P	P		

FUNA	Funafuti	15.32 35	Pn	13 37 38.0	-2.0	WB2	Warramunga Arr	33.70 266	P	P	13 40 44.8	-0.4	CASY	Casey	58.64 200	P	Iamb	P	13 43 59.7	-0.9
HNR	Honiara	15.53 318	Pn	13 37 38.7	-4.0	WB2	Warramunga Arr	33.70 266	P	P	13 40 43.3	-1.9	CASY	Casey	58.64 200	P	Iamb	P	13 44 01.7	
HNR	Honiara	15.53 318	Pmax	13 37 44.5	-2.6	WRAB	Tennant Creek	33.70 266	P	Pmax	13 40 43.7	-1.5	KKM	Kota Kinabalu	59.67 291	P	P	P	13 44 08.4	-0.3
HNR	Honiara	15.53 318	Pmax	13 37 44.5	-2.6	WRAB	Tennant Creek	33.70 266	P	Pmax	13 40 43.7	-1.5	SBUM	Sibu	61.57 285	P	Iamb	P	13 44 20.8	-0.8
HNR	Honiara	15.53 318	P	13 37 44.5	-2.6	WRAB	Tennant Creek	33.70 266	P	P	13 40 43.6	-1.5	SBUM	Sibu	61.57 285	P	Iamb	P	13 44 37.3	
HIZ	Hauti	17.54 168	P	13 38 09.5	+1.0	WRAB	Tennant Creek	33.70 266	P	P	13 40 43.6	-1.5	CISI	Cisompet, Garu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
HIZ	Hauti	17.54 168	Iamb	13 38 12.8		WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
MXZ	Matalaka Point	17.56 159	P	13 38 09.5	+1.0	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	CISI	Cisompet, Garu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
URZ	Urewera	17.83 162	P	13 38 14.8	+2.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
URZ	Urewera	17.83 162	P	13 38 14.8	+2.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
EIDS	Eidsvold	18.16 254	P	13 38 10.0	+1.5	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
EIDS	Eidsvold	18.16 254	P	13 38 19.2	+2.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
EIDS	Eidsvold	18.16 254	P	13 38 10.0	+1.5	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
EIDS	Eidsvold	18.16 254	P	13 38 19.2	+2.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BKZ	Black Stump Fm	18.52 165	Pn	13 38 21.4	+4.0	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BKZ	Black Stump Fm	18.52 165	Pn	13 38 21.4	+4.0	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BKZ	Black Stump Fm	18.52 165	Iamb	13 38 24.0		WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BKZ	Black Stump Fm	18.52 165	Iamb	13 38 24.0		WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
AFI	Afiatalu	18.54 69	P	13 38 19.3	-1.2	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
AFI	Afiatalu	18.54 69	P	13 38 19.3	-1.2	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
AFI	Afiatalu	18.54 69	P	13 38 19.3	-1.2	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
AFI	Afiatalu	18.54 69	P	13 38 19.3	-1.2	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
NIUE	Niue	18.62 87	P	13 38 22.3	+0.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
NIUE	Niue	18.62 87	P	13 38 22.3	+0.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
NIUE	Niue	18.62 87	P	13 38 22.3	+0.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
NIUE	Niue	18.62 87	P	13 38 22.3	+0.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
ARMA	Armida	19.11 238	Pn	13 38 30.3	+2.6	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
ARMA	Armida	19.11 238	Pn	13 38 30.3	+2.6	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
ARMA	Armida	19.11 238	Pn	13 38 30.3	+2.6	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
ARMA	Armida	19.11 238	Pn	13 38 30.3	+2.6	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
QRZ	Quartz Range	19.50 175	Iamb	13 38 31.3	+0.4	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
QRZ	Quartz Range	19.50 175	Iamb	13 38 31.3	+0.4	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
QRZ	Quartz Range	19.50 175	Iamb	13 38 31.3	+0.4	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
QRZ	Quartz Range	19.50 175	Iamb	13 38 31.3	+0.4	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BFZ	Birch Farm	19.91 167	P	13 38 35.7	+0.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BFZ	Birch Farm	19.91 167	P	13 38 35.7	+0.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BFZ	Birch Farm	19.91 167	P	13 38 35.7	+0.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BFZ	Birch Farm	19.91 167	P	13 38 35.7	+0.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
NNZ	Nelson	19.97 173	Pn	13 38 38.1	+0.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
NNZ	Nelson	19.97 173	Pn	13 38 38.1	+0.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
NNZ	Nelson	19.97 173	Pn	13 38 38.1	+0.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
NNZ	Nelson	19.97 173	Pn	13 38 38.1	+0.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
SNZO	South Karori	20.24 171	P	13 38 39.8	+0.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
SNZO	South Karori	20.24 171	P	13 38 39.8	+0.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
SNZO	South Karori	20.24 171	P	13 38 39.8	+0.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
SNZO	South Karori	20.24 171	P	13 38 39.8	+0.9	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
TUWZ	Tuamarina	20.25 172	P	13 38 41.3	+0.3	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BHW	Baring Head	20.36 170	P	13 38 41.2	+1.0	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
RMQ	Roma	20.41 251	Pn	13 38 44.0	+1.0	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
RMQ	Roma	20.41 251	Pn	13 38 44.0	+1.0	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
RMQ	Roma	20.41 251	Pn	13 38 44.0	+1.0	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
RMQ	Roma	20.41 251	Pn	13 38 44.0	+1.0	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
MSWZ	Moikau Station	20.43 169	P	13 38 41.5	+0.4	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
THZ	Tophouse	20.47 175	P	13 38 42.6	+1.1	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
THZ	Tophouse	20.47 175	P	13 38 42.6	+1.1	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
THZ	Tophouse	20.47 175	P	13 38 42.6	+1.1	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
THZ	Tophouse	20.47 175	P	13 38 42.6	+1.1	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
BSWZ	Blackbirch Sta	20.52 173	P	13 38 42.1	+0.1	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
PLWZ	Palliser	20.58 170	P	13 38 43.2	+0.5	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
PLWZ	Palliser	20.58 170	P	13 38 43.2	+0.5	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
PLWZ	Palliser	20.58 170	P	13 38 43.2	+0.5	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
PLWZ	Palliser	20.58 170	P	13 38 43.2	+0.5	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 273	P	IAMS_20	IAMS_20	14 13 11.4	
CMWZ	Cape Campbell	20.60 172	P	13 38 43.7	+0.8	WRA	Warramunga Arr	33.70 266	P	P	13 40 44.6	-0.7	SBUM	Sibu	61.76 2					

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GLA, NV11, FURC, SLBS, SONMI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like R11A, I07A, D05A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DAWY, MVU, MSU, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like WMOK Wichita Mounta, UC2A Comitan, U32A Winter Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like WCI Wyandotte Cave, U49A Red Rolling Sp, W50A Signal Mountai, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like NACGM Naroch, NACGM, NACGM, NACGM, NACGM, etc.

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like Almayashu, Batken, BTK, BTM, CHMG, CHRV, MRKS, MRKS, MRKS, ARLS, ARLS, DRK, DZA, DZA, IUG, IUG, EKS2, EKS2, UCH, UCH, TAS, TAS, KK31, AAK, AAK, AAK, FRU1, FRU1, BRSL, BRSL, BRSL, KBK, KBK, KBK, CHMS, CHMS, CHMS, USP, USP, USP, SGDS, SGDS, TKM2, TKM2, DGS, DGS, DGS, DGS, KST, KST, KST, IZV, IZV, IZV, TNSS, TNSS, TNSS, BTL5, BTL5, BTL5, KUU, KUU, KUU, MDOK, MDOK, MDOK, MDOK.

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like MDOK, MDOK, KTBS, KTBS, KTBS, KOTS, KOTS, KOTS, CHHK, CHHK, CHHK, SATY, SATY, SATY, ARXS, ARXS, ARXS, KPKS, KPKS, MNBS, MNBS, PDGK, PDGK, IDC 01 14:02:30.1, 1.0, 21.47S, 170.10E, h0km, mb4.4/9, NEIC 01 14:02:31.0, 9.2, 21.45S, 170.15E, h10km, 5km, GCMT 01 14:02:34.0, 0.4, 21.33S, 0.0, 2.170.27E, 0.0, 2, h1km, 1km, NOU 01 14:02:38.5, 21.23S, 169.52E, h4km, MLV4.3, Southeast of Loyalty Islands, ISC 01 14:02:31.0, 0.5, 21.51S, 0.0, 6.170.18E, 0.0, 6, h10km, n73, Code, Station Name, Az, El, P, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like WRA, WRA, WRA, FITZ, FITZ, FITZ, NWAO, NWAO, NWAO, KHLU, KHLU, KHLU, VAND, VAND, VAND, ERM, ERM, ERM, GSPA, GSPA, GSPA, RPN, RPN, RPN, PETK, PETK, PETK, CMAR, CMAR, CMAR, CHTO, CHTO, CHTO, SYO, SYO, SYO, VNA3, VNA3, VNA3, VNA2, VNA2, VNA2, SONM, SONM, SONM, SONM, SONM, SONM, NVAR, NVAR, NVAR, NVAR, NVAR, NVAR, ILAR, ILAR, ILAR, TXAR, TXAR, TXAR, INK, INK, INK, YKA, YKA, YKA, CLL, CLL, CLL, KRC, KRC, KRC, KHC, KHC, KHC, GERES, GERES, GERES, IDC 01 14:08:26.5, 2.7, 9.87S, 156.21E, h0km, mb3.5/5, Code, Station Name, Az, El, P, Phase ID, Time, Res.

1d 16h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like HRA Herat, SMLA Simla, SGDS Sogindy, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like AKTO Masafi, MASF Masafi, NGP Nagpur, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like NRK Nori'sk, NRK Nori'sk, NRK Nori'sk, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like E43A, MOY, ICESG, SONM, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like P48A, PLVO, DELO, M51A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like M58A, J60A, TZTN, L59A, etc.

1d 17h

KURK	Kurchatov	59.35	317	P	Iamb	P	17 50 33.8	-0.1
M61A	Granite Spring	59.36	61	P	P	P	17 50 33.6	-0.6
P59A	Jarrettsville	59.37	64	P	P	P	17 50 33.9	-0.3
ZSN	Zaisan	59.46	311	eP	P	P	17 50 34.1	-0.7
ZSN	Zaisan	59.46	311	eP	P	P	17 50 34.1	-0.7
S57A	Dark Hollow	59.52	67	P	P	P	17 50 35.3	0.0
T56A	Rocky Mt	59.52	68	P	P	P	17 50 34.8	-0.6
PAL	Palisades	59.53	61	P	P	P	17 50 35.2	-0.2
N61A	South Mountain	59.54	61	P	P	P	17 50 35.5	+0.1
R58A	Rapidan	59.58	66	P	P	P	17 50 35.2	-0.5
V55A	Taylorville	59.82	70	P	P	P	17 50 37.2	-0.2
U56A	King	59.87	69	P	P	P	17 50 37.7	-0.1
R58B	Mineral	59.90	66	P	P	P	17 50 37.8	-0.1
O61A	Allentown	59.92	62	P	P	P	17 50 37.8	-0.2
T57A	Hurt	59.95	68	P	P	P	17 50 38.0	-0.3
SVE	Sverdllovsk	60.03	331	eP	P	P	17 50 39.0	+0.4
SVE					MLR	MLR		
S58A	Poland Farm	60.09	66	P	P	P	17 50 38.9	-0.3
R59A	King George	60.11	65	P	P	P	17 50 39.2	-0.1
M63A	Gales Ferry	60.12	59	P	P	P	17 50 38.8	-0.5
V56A	Mocksville	60.22	69	P	P	P	17 50 40.0	-0.1
DRLN	Deer Lake	60.24	45	P	P	P	17 50 39.3	-0.8
KM5C	Kings Mountain	60.30	71	P	P	P	17 50 40.2	-0.6
KM5C	Kings Mountain	60.30	71	P	P	P	17 50 39.6	-1.1
U57A	Blanch	60.34	68	P	P	P	17 50 40.7	-0.2
S59A	Mechanicsville	60.35	66	P	P	P	17 50 40.9	-0.1
T58A	Grand View	60.35	67	P	P	P	17 50 40.5	-0.6
BRVK	Borovoye	60.38	323	eP	P	P	17 50 40.6	-0.4
BRVK	Borovoye	60.38	323	eP	P	P	17 50 40.8	-0.2
GOGA	Godfrey	60.51	73	P	P	P	17 50 41.0	-1.1
HODGE	Hodges	60.52	72	P	P	P	17 50 41.3	-0.9
V57A	Coltrane Farms	60.53	69	P	P	P	17 50 41.8	-0.5
W56A	Indian Trail	60.70	70	P	P	P	17 50 42.9	-0.5
S60A	Water View	60.72	65	P	P	P	17 50 43.5	0.0
KLMR	Klimovskoe	60.73	344	eP	P	P	17 50 41.5	-1.7
KLMR	Klimovskoe	60.73	344	eP	P	P	17 50 41.5	-1.7
U58A	Oxford	60.77	68	P	P	P	17 50 43.4	-0.5
T59A	Double "B" Far	60.83	66	P	P	P	17 50 44.2	-0.1
ARU	Arti	60.93	332	LR	LR	LR	18 20 16.6	
ARU	Arti	60.93	332	iP	P	P	17 50 44.2	-0.5
ARU					SS	SS	17 51 27.3	
ARU					SS	SS	17 52 56.2	
ARU					SS	SS	17 59 04.8	+2.2
ARU					SS	SS	18 02 57.9	-2.9
ARU					MLR	MLR		
ARU	Arti	60.93	332	P	Iamb	P	17 50 43.4	-1.3
V58A	Windy Hill	60.95	68	P	P	P	17 50 44.8	-0.3
MK31	Makanchi Array	61.05	312	eP	P	P	17 50 45.2	-0.5
MKAR	Makanchi Array	61.05	312	P	P	P	17 50 44.8	-0.9
AAK					PP	PP	17 53 00.9	+1.3
MKAR					LR	LR	18 18 52.5	
MKAR	Makanchi Array	61.05	312	iP	P	P	17 50 45.4	-0.3
MKAR					P	P	17 50 44.0	-1.7
MKAR	Urumqi	61.10	306	eP	P	P	17 50 46.9	+0.8
WMQ					pP	sP	17 50 50.0	+0.8
WMQ					sP	sP	17 50 57.9	+1.0
WMQ					P	P	17 50 44.6	-1.2
WMQ					LR	LR	18 12 31.1	
WMQ					LR	LR	18 12 31.1	
WMQ					LR	LR	18 16 50.1	
WMQ					MLR	MLR	17 50 43.4	-0.5
KIRV	Kirov	61.11	338	eP	P	P	17 50 44.6	-1.2
T60A	Surry	61.12	66	P	P	P	17 50 46.1	-0.1
MAKZ	Makanchi	61.17	312	P	P	P	17 50 45.5	-1.0
MAKZ					P	P	17 50 45.5	-1.0
MAKZ					P	P	17 50 45.5	-1.0
MAKZ					P	P	17 50 45.5	-1.0
V59A	Middlesex	61.42	68	P	P	P	17 50 48.4	+0.1
U60A	Pendleton	61.42	67	P	P	P	17 50 48.2	-0.1
W58A	Raeoford	61.48	69	P	P	P	17 50 48.8	+0.1
FIA1	FINESS Array S	61.68	352	P	Iamb	Iamb	17 50 49.3	-0.4
FIA1					P	P	17 50 50.4	
FINES	FINESS Array B	61.68	352	P	P	P	17 50 49.0	-0.7
FINES					LR	LR	18 20 36.0	
FINES					P	P	17 50 49.5	-0.2
FINES					P	P	17 50 49.4	-0.2
W59A	Clinton	61.78	68	P	P	P	17 50 50.8	+0.1
U61A	Possum Corner	61.89	66	P	P	P	17 50 51.8	+0.4
V60A	Jim Taylor	61.92	67	P	P	P	17 50 51.4	-0.2
BRZS	Berezni	62.13	320	eP	P	P	17 50 52.6	-0.4
BRZS					eS	S	17 59 17.7	-0.4
BRZS	Berezni	62.13	320	eP	P	P	17 50 52.5	-0.4
BRZS					eS	S	17 59 17.7	-0.4
X59A	McDuffie Farm	62.16	69	P	P	P	17 50 53.0	-0.3

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W60A	Pink Hill	62.24	68	P	P	P	17 50 54.2	+0.3
NC204	NORSAR Array S	62.45	0	P	P	P	17 50 54.5	-0.5
X60A	Albert Glenn T	62.48	68	P	P	P	17 50 55.4	0.0
NHSC	New Hope	62.48	71	P	P	P	17 50 55.9	+0.4
W61A	Ground Anchor	62.51	67	P	P	P	17 50 56.1	+0.4
NB2	NORSAR Subarra	62.69	360	P	P	P	17 50 56.3	-0.2
NOA	NORSAR Array B	62.69	360	P	P	P	17 50 55.9	-0.6
NOA					LR	LR	18 19 08.0	
Z59A	Georgetown, SC	62.85	70	P	P	P	17 50 58.2	+0.3
CD2	Chengdu	63.30	286	eP	P	P	17 51 01.8	+0.7
CD2					S	S	17 59 32.1	-1.2
CD2					Pmax	Pmax		
CD2					LR	LR		
CD2					LR	LR		
CD2					LR	LR		
HFS	Hagfors	63.57	358	LR	LR	LR	18 19 14.0	
UPP	Uppsala	63.75	356	eP	P	P	17 51 03.7	+0.2
KONO	Kongsberg	64.08	1	eP	P	P	17 51 05.2	-0.4
TDK	Taldyqorghan	64.09	313	eP	P	P	17 51 05.3	-0.8
TDK					LR	LR	18 20 01.6	
TDK	Taldyqorghan	64.09	313	eP	P	P	17 51 05.2	-0.8
TDK					Pmax	Pmax		
TDK					MLR	MLR		
V5U	Vasula	64.58	351	P	P	P	17 51 10.2	+1.3
V5U					Pmax	Pmax		
SHLS	Shalkode	65.18	311	eP	P	P	17 51 11.5	-1.9
SHLS	Shalkode	65.18	311	eP	P	P	17 51 11.4	-1.9
SHLS					Pmax	Pmax		
KPKS	Kokpek	65.24	312	eP	P	P	17 51 13.1	-0.6
KPKS	Kokpek	65.24	312	eP	P	P	17 51 13.0	-0.6
KPKS					Pmax	Pmax		
GYA	Guiyang	65.25	281	iP	P	P	17 51 14.7	+0.8
GYA					pP	sP	17 51 20.0	+3.0
GYA					PP	PP	17 53 01.4	+3.9
GYA					S	S	18 00 02.8	+5.1
GYA					Pmax	Pmax		
GYA					LR	LR		
GYA					LR	LR		
GYA					LR	LR		
GYA					LR	LR		
SNART	Snartemo	65.36	2	eP	P	P	17 51 15.0	+1.0
CHKK	Chushkaly	65.61	313	eP	P	P	17 51 15.6	-0.3
CHKK					eP	eP	17 51 15.6	-0.3
CHKK					P	P	17 51 15.6	-0.3
SATY	Saty	65.69	312	eP	P	P	18 20 58.6	
SATY					LR	LR	17 51 16.3	-0.3
SATY					Pmax	Pmax		
SATY					Pmax	Pmax		
SATY					MLR	MLR		
BTL5	Baital	65.77	316	eP	P	P	17 51 16.2	-0.7
BTL5	Baital	65.77	316	eP	P	P	17 51 16.2	-0.7
BTL5					Pmax	Pmax		
KUU	Kury	65.84	314	eP	P	P	17 51 16.0	-1.4
KUU	Kury	65.84	314	eP	P	P	17 51 16.0	-1.4
KUU					Pmax	Pmax		
MOS	Moscow	65.93	344	eP	P	P	17 51 16.4	-1.3
MOS					MLR	MLR		
MDOK	Medeo	66.16	313	eP	P	P	17 51 18.9	-0.8
MDOK					LR	LR	18 21 21.9	
MDOK					MLR	MLR	17 51 18.8	-0.8
MDOK					MLR	MLR		
AAA	Alma-Ata	66.18	313	eP	P	P	17 51 19.1	-0.6
AAA					LR	LR	18 21 31.8	
AAA					P	P	17 51 19.1	-0.6
AAA					Pmax	Pmax		
AAA					MLR	MLR		
AKTO	Aktuybinsk	66.43	329	LR	LR	LR	18 23 07.4	
AKTO					LR	LR	17 51 21.8	-0.8
OBN	Obninsk	66.69	344	eP	P	P	17 51 50.6	
OBN					e	e	17 53 50.4	
OBN					eS	eS	18 00 21.2	+7.0
OBN			</					

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries for stations like Sart Tilman, CHVC, BTNL, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries for stations like HAU, KIS, KIS, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries for stations like LOT, ARR, BZS, etc.

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Table with columns: STK, Stephens Creek, 97.56 221 LR, 18 33 16.7, etc. Includes stations like SAML Samuel, KMBO Kilima Mbogo, CPUB Villa Florida, etc.

Table with columns: HKT, Hockley, 17.47 343 Pn, 17 51 15.2 -0.6, etc. Includes stations like 250A Grady, TXAR Lajitas Array, TXAR Alina Array, etc.

Table with columns: ARCES ARCESS Array B, 79.10 342 P, 18 04 52.8 +0.1, etc. Includes stations like NEW Newport, KBZ Kharab, NVAR Mina Array, etc.

IDC 01 17:47:07.3.1.3, 13°43N;89°17W, h0km, mb3.8/6, mb1 4.2/7, mb1mx3.8/36, mbtmpr3.9/7, ML4.3/1, MS3.7/2, MS1 3.6/2, ms1mx3.2/34, Error ellipse: s-maj=48.8km s-min=29.2km az=47.0

NEIC 01 17:53:19.9.1.6, 21°53N;0°09'143"E;0.2, h285km, 10km, mb4.1/25, Error ellipse: s-maj=21.3km s-min=12.6km az=91.0

NEIC 01 18:05:07.2.1.2, 5°42'S;0°09'151.7E;0.1, h71km, 15km, mb4.3/9, Error ellipse: s-maj=21.3km s-min=12.6km az=104.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like AC AJ Puerto de Acaj, AC AJ Puerto de Acaj, AC AJ Alcaidia, muni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like JHH2 Haha-jima-NKT2, JHH2 JHH2, CBJ Chichi jima, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like PMON Piamonte, PMON Piamonte, MAGS Ministerio de, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like JAG Ashikaga, JSU Guam, JWR Wachi, etc.

IDC 01 18:06:03.9.0.8, 37°02'N;97°73'W, h0km, mb3.9/2, mb1 4.2/8, mb1mx3.7/66, mbtmpr3.9/8, ML3.5/7, Error ellipse: s-maj=11.8km s-min=10.1km az=139.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like KULLM Kullim, AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like KAN13 South Haven SW, KAN13 KAN13, GC02 Grant County #, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like KSU1, WMOK, CBKS, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like P40A, L34A, 237A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like JFWS, 146A, MNXT, etc.

IDC 01 18:19:35.3; 2.3; 12'S58N; 92.02E; h0km, mb3.4/3, mb1 3.5/4, mb1mx3.1/46, mbmtmp3.3/4, ML3.2/1. Error ellipse: s-maj=69.8km s-min=29.6km az=68.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like CMAR, MKAR, WRA, ASAR, etc.

NEIC 01 18:36:09.1.1, 29.72N, 0.06, 141.2E, 0.2, h42km, 5km, mb4.3/11, Error ellipse: s-maj=19.7km s-min=8.6km az=82.0

IDC 01 18:36:11.7, 2.2, 29.62N, 141.29E, h70km, 20km, mb3.6/19, Mb1.3/2.3, mb1mx3.7/5.3, mbtmp3.8/2.3, MS3.3/2, Mb1.3/3.2, ms1mx2.7/4.6, Error ellipse: s-maj=18.5km s-min=12.4km az=82.0

ISC 01 18:36:09.6.0.5, 29.67N, 0.06, 141.3E, 0.1, h50km, n54, e173/46, mb4.0/22, Southeast of Honshu

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

IDC 01 18:42:32.9.0.9, 1.29N, 96.99E, h0km, mb4.3/18, mb1.4/3.20, mb1mx4.1/5.7, mbtmp4.3/2.0, ML3.7/2, MS3.5/4, Ms1.3/6.4, ms1mx3.1/4.7, Error ellipse: s-maj=26.9km s-min=16.1km az=53.0

BUI 01 18:42:33.6.0.0, 0.91N, 97.15E, h35km, mb5.0/32, mb4.6/46, Ms4.3/15, Ms7.4/1/15

DJA 01 18:42:37.6.1.4, 1.1N, 6.9E, h21km, 6km, M4.4/12, mb4.5/2, mB4.8/1, MLV4.4/12, Mw(mB)4.1/1

NEIC 01 18:42:38.4.2.0, 1.4N, 0.1, 97.16E, 0.08, h35km, 10km, mb4.6/23, Error ellipse: s-maj=17.1km s-min=8.8km az=210.0

ISC 01 18:42:38.2.0.6, 1.28N, 0.06, 97.01E, 0.07, h35km, n118, e174/115, mb4.5/50, MS4.0/6, 2C-1D, Northern Sumatera

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

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

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

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

IDC 01 18:51:45.2.0.6, 4.9, 34S, 8.22W, h0km, mb4.4/13, mb1.4/5.13, mb1mx4.4/2.5, mbtmp4.4/1.3, MS4.5/16, Ms1.4/5.16, ms1mx4.5/1.9, Error ellipse: s-maj=21.0km s-min=18.2km az=137.0

NEIC 01 18:51:47.0.2.6, 4.9, 34S, 8.22W, h0km, 1km, mb4.8/16, Error ellipse: s-maj=24.0km s-min=5.2km az=162.0

GCMT 01 18:51:50.0.0.1, 49.57S, 0.01, 7.73W, 0.01, h12km, MW5.2/133, Moment Tensor Solution. s82.c113; s133.c213; Duration: 0 Moment tensor: Scale 10^16Nm; M0=6.89t.11; M00=1.07t.12; M05=5.81t.10; M00.53t.41; M05=2.12t.09; M0=2.17t.32; Best double couple: Mw1.1550x10^16 Np1.0t.157.000000.836.000000.7.93.000000. NP2.0t.341.000000.654.000000.7.8.88.000000. Principal axes: T 6.9750, P169.0000, Azm69.0000; N 0.2700, P162.0000; Azm160.0000; P -2.2550, P161.0000; Azm262.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 18:51:46.8.0.4, 49.32S, 0.08, 8.34W, 0.09, h10km, n66, e175/51, mb4.6/20, MS4.7/21, Southern Mid-Atlantic Ridge

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

1d 20h

Table of astronomical observations for 1d 20h, listing station names, coordinates, and observation times.

2015 FEB

Main table of astronomical observations for 2015 FEB, listing station names, coordinates, and observation times.

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Table of astronomical observations for 50, listing station names, coordinates, and observation times.

1d 21h

Table with columns: SML, Sawmill, 1.56 82, Pn, 21 15 55.0 -0.1, 21 16 21.6, 21 16 21.6, 21 15 56.5 +0.6, 21 15 57.1 -0.4, 21 15 57.7 +0.0, 21 15 59.6 +0.8, 21 15 59.4 +0.5, 21 16 28.0, 21 16 00.6 +0.8, 21 16 25.9, 21 16 26.9, 21 16 00.8 +0.8, 21 16 00.9 +0.1, 21 16 00.9 +0.9, 21 16 26.7, 21 16 27.2, 21 16 01.7 +1.3, 21 16 26.9 +2.1, 21 16 01.3 +0.9, 21 16 01.2 +0.0, 21 16 36.4, 21 16 01.8 +0.3, 21 16 00.9 +0.1, 21 16 03.6 +1.0, 21 16 03.5 +0.3, 21 16 05.0 +0.7, 21 16 03.6 -1.1, 21 16 42.8, 21 16 06.7 +0.4, 21 16 07.4 +1.0, 21 16 35.5 -0.1, 21 16 07.5 +1.0, 21 16 06.8 +0.3, 21 16 07.3 +0.7, 21 16 38.1, 21 16 42.1, 21 16 07.6 +1.0, 21 16 06.4 +0.6, 21 16 07.5 +0.4, 21 16 09.5 +0.7, 21 16 41.2 +1.5, 21 16 09.6 +0.7, 21 16 53.5, 21 16 55.3, 21 16 07.6 -1.4, 21 16 42.6, 21 16 09.5 -0.7, 21 16 42.3, 21 16 10.4 +0.1, 21 16 53.7, 21 16 58.9, 21 16 09.7 -1.2, 21 16 11.5 -0.4, 21 16 13.9 +0.9, 21 16 16.7 +0.6, 21 16 52.8 -0.1, 21 16 16.9 +0.5, 21 16 51.4 -2.0, 21 16 19.9 +0.5, 21 16 17.6 +0.2, 21 16 18.5 -0.1, 21 16 56.0 -1.3, 21 16 18.1 -0.5, 21 17 14.7, 21 16 20.7 +0.9, 21 16 58.0 -1.4, 21 16 20.6 +0.9, 21 16 20.5 +0.2, 21 16 21.1 +0.5, 21 16 59.3 -1.7, 21 16 59.3 -1.7, 21 16 21.1 +0.5, 21 17 00.5, 21 17 25.9, 21 16 22.9 +0.4, 21 16 23.4 +0.6, 21 16 23.9 +1.1, 21 16 23.5 +0.7, 21 16 23.5 +0.6, 21 16 23.4 +0.5, 21 16 24.5 +0.7, 21 17 23.7, 21 16 25.6 +1.4, 21 17 22.5, 21 17 23.8, 21 16 24.8 +0.2, 21 16 24.8 +0.1, 21 17 10.2 -0.4, 21 17 23.4, 21 17 26.1, 21 16 25.9 0.0, 21 16 24.4 +0.3, 21 17 35.4, 21 17 36.6, 21 16 27.9 +1.0, 21 17 12.7 +0.4, 21 16 27.6 +0.7, 21 16 28.2 +0.5, 21 16 29.5 +0.6, 21 16 29.9 -0.2, 21 17 18.2 +0.3, 21 16 30.8 +0.5, 21 17 16.2 -2.1, 21 16 30.7 +0.4, 21 16 30.1 +0.1, 21 17 21.3 0.0, 21 17 41.9, 21 17 43.6, 21 16 33.9 +0.8, 21 16 34.3 +0.6, 21 16 34.5 +0.8

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Table with columns: BALM Baldy, 4.50 94, Pn, 21 16 34.5 +0.3, 21 17 23.8 -1.5, 21 17 25.2, 21 17 26.5, 4.51 95, Pn, 21 16 34.6 +0.1, 21 16 38.7 +1.1, 21 17 33.7, 4.79 68, Pn, 21 16 38.6 +0.6, 21 16 38.2 +0.1, 21 16 39.2 +0.6, 21 17 33.1 -0.1, 21 17 59.7, 21 18 03.8, 21 16 39.0 -0.1, 21 16 40.6 0.0, 21 17 35.5 -1.3, 21 16 41.3 +0.4, 21 17 58.7, 21 18 03.2, 5.12 84, Pn, 21 16 42.8 +0.2, 5.18 94, Pn, 21 16 43.6 +0.1, 5.22 94, Pn, 21 16 43.9 +0.3, 5.20 89, Pn, 21 16 45.4 +0.2, 5.65 6 P, 21 16 51.4 +1.7, 21 16 51.0 +1.3, 21 16 50.3 +0.3, 21 16 50.9 +0.8, 21 16 57.1 +0.5, 21 16 58.2 +0.7, 21 17 02.3 +0.4, 21 17 01.6 -0.5, 21 17 02.9 -0.1, 21 17 05.8 -0.4, 21 18 21.9 -0.7, 21 16 42.1, 21 16 07.6 +1.0, 21 16 06.4 +0.6, 21 16 07.5 +0.4, 21 16 09.5 +0.7, 21 16 41.2 +1.5, 21 16 09.6 +0.7, 21 16 53.5, 21 16 55.3, 21 16 07.6 -1.4, 21 16 42.6, 21 16 09.5 -0.7, 21 16 42.3, 21 16 10.4 +0.1, 21 16 53.7, 21 16 58.9, 21 16 09.7 -1.2, 21 16 11.5 -0.4, 21 16 13.9 +0.9, 21 16 16.7 +0.6, 21 16 52.8 -0.1, 21 16 16.9 +0.5, 21 16 51.4 -2.0, 21 16 19.9 +0.5, 21 16 17.6 +0.2, 21 16 18.5 -0.1, 21 16 56.0 -1.3, 21 16 18.1 -0.5, 21 17 14.7, 21 16 20.7 +0.9, 21 16 58.0 -1.4, 21 16 20.6 +0.9, 21 16 20.5 +0.2, 21 16 21.1 +0.5, 21 16 59.3 -1.7, 21 16 59.3 -1.7, 21 16 21.1 +0.5, 21 17 00.5, 21 17 25.9, 21 16 22.9 +0.4, 21 16 23.4 +0.6, 21 16 23.9 +1.1, 21 16 23.5 +0.7, 21 16 23.5 +0.6, 21 16 23.4 +0.5, 21 16 24.5 +0.7, 21 17 23.7, 21 16 25.6 +1.4, 21 17 22.5, 21 17 23.8, 21 16 24.8 +0.2, 21 16 24.8 +0.1, 21 17 10.2 -0.4, 21 17 23.4, 21 17 26.1, 21 16 25.9 0.0, 21 16 24.4 +0.3, 21 17 35.4, 21 17 36.6, 21 16 27.9 +1.0, 21 17 12.7 +0.4, 21 16 27.6 +0.7, 21 16 28.2 +0.5, 21 16 29.5 +0.6, 21 16 29.9 -0.2, 21 17 18.2 +0.3, 21 16 30.8 +0.5, 21 17 16.2 -2.1, 21 16 30.7 +0.4, 21 16 30.1 +0.1, 21 17 21.3 0.0, 21 17 41.9, 21 17 43.6, 21 16 33.9 +0.8, 21 16 34.3 +0.6, 21 16 34.5 +0.8

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Table with columns: TXIG Tlaxiaco, 1.57 49, Pn, 21 36 09.0 -0.4, 21 36 10.3 +0.7, 21 36 10.6 -1.7, 21 36 32.8 -2.3, 21 36 11.4 -1.0, 21 36 33.2 -0.2, 21 36 12.9 -0.5, 21 36 38.7 -0.4, 21 36 14.5 -0.3, 21 36 40.3 +0.5, 21 36 17.2 -0.8, 21 36 44.0 -1.4, 21 36 17.2 -0.8, 21 36 20.2 +0.3, 21 36 50.0 +1.1, 21 36 22.8 -1.0, 21 36 55.2 -0.6, 21 36 23.7 -0.2, 21 36 58.4 -2.5, 21 36 55.5 -1.0, 21 36 25.5 -1.0, 21 36 44.8 +1.7, 21 36 42.0 -0.6, 21 37 30.3 -0.5, 21 37 52.6, 21 37 18.3 -0.3, 21 37 56.0 -2.2, 21 50 10.2, 21 38 40.7 -1.0, 21 38 57.4 +1.3, 21 38 57.0 +0.9, 21 38 54.7 -1.4, 21 39 02.4 -0.2, 21 39 34.7 +1.0, 21 39 32.6 -1.1, 21 39 41.4, 21 39 33.3 +1.0, 21 39 32.5 +0.2, 21 39 35.5 +0.9, 21 39 37.2 +0.3, 21 39 48.9 +0.2, 21 39 52.6 +0.5, 21 39 51.6 0.0, 21 40 00.1, 21 39 54.6 +1.5, 21 39 52.6 -0.1, 21 40 01.0 +0.4, 21 39 59.9 -0.4, 21 40 08.6, 21 40 02.2 +0.4, 21 40 04.9 +0.3, 21 40 05.5 -0.5, 21 40 09.3 +2.4, 21 40 05.8 -0.1, 21 40 09.0 -0.3, 21 40 07.7 -0.4, 21 40 12.9 +0.8, 21 48 34.4, 21 40 13.2 -0.4, 21 40 12.1 0.0, 21 40 11.5 -0.5, 21 40 11.6 -0.3, 21 40 29.9, 21 40 13.0 -0.5, 21 40 12.2 -0.5, 21 40 18.6 +3.4, 21 40 14.4 -0.4, 21 40 17.3 -0.2, 21 40 19.5 -0.5, 21 40 21.5 -0.4, 21 40 33.7, 21 40 22.2 -0.4, 21 40 22.1 -0.4, 21 40 22.2 -0.6, 21 40 23.9 -0.5, 21 40 25.8 +0.1, 21 40 35.6, 21 40 25.7 -0.2, 21 40 30.9, 21 40 25.0 -0.9, 21 40 35.1, 21 40 27.7 -0.4, 21 40 21.1, 21 40 31.9 +2.9, 21 40 32.0 -0.2, 21 40 33.0 -0.5, 21 40 37.2, 21 40 33.5 -0.6, 21 40 44.5, 21 40 33.8 -0.5, 21 40 32.9 -2.3, 21 40 37.6 +1.7, 21 40 37.8 +0.8, 21 40 36.2 -0.8, 21 40 45.0, 21 40 39.6 +2.1, 21 40 37.9 +0.2, 21 40 46.9, 21 40 39.1 +1.6, 21 40 37.2 -0.4, 21 40 40.1, 21 40 38.6 +0.7, 21 40 37.9 -0.1, 21 40 37.3 -1.0, 21 40 47.5, 21 40 38.1 -0.4, 21 40 41.6, 21 40 42.6 +1.1, 21 40 40.4 -0.9, 21 40 45.2, 21 40 42.4 +0.9, 21 40 39.2 -2.3, 21 40 51.2, 21 40 42.8 +1.5, 21 40 42.6 +1.0, 21 40 42.5 -1.3, 21 40 52.5

CLTN	comp-Z,16nm,0.9s	22.78	27	P	P	21 40 42.6	-1.3
CLTN	Cedars of Leba	22.78	27	P	Iamb	21 40 52.6	
CCM	comp-Z,16nm,1.0s	22.80	16	P	P	21 40 44.5	+0.4
CCM	Cathedral Cave	22.80	16	P	P	21 40 44.2	+0.1
BC3	baz=139	22.82	323	P	P	21 40 46.4	+1.9
KSUI	Kansas State U	22.89	5	P	P	21 40 46.3	+1.3
FVM	French Village	22.96	18	P	P	21 40 44.9	-0.9
IRM	comp-Z,18nm,0.8s	23.01	324	P	P	21 40 47.8	+1.4
W13A	Hualapai Mount	23.03	327	P	P	21 40 44.8	-2.1
S44A	Carbondale	23.05	20	P	P	21 40 46.1	-0.6
GLUC	Southern Hill	23.09	20	P	P	21 40 46.1	-0.9
CPCT	23.11	31	P	P	21 40 46.2	-1.2	
W52A	Murphy	23.14	33	P	P	21 40 46.6	-1.1
T47A	Sharon Grove	23.22	25	P	P	21 40 47.0	-1.4
U15A	comp-Z,22nm,1.0s	23.33	332	P	P	21 40 47.8	-2.1
U15A	North Rim	23.33	332	P	Iamb	21 40 59.8	
U49A	Red Boiling Sp	23.38	28	P	P	21 40 47.8	-2.3
U49A	comp-Z,17nm,1.1s	23.39	322	P	P	21 40 51.6	+1.3
BELC	Belle Mtn. Jos	23.39	322	P	P	21 40 51.6	+1.3
PFO	Pinyon Flats O	23.39	321	P	P	21 40 50.9	+0.5
PFO	comp-Z,2.9nm,0.9s,baz=6.6,SNR=3.0	23.39	321	P	P	21 40 51.7	+1.3
PV01	Paradox Valley	23.39	341	P	P	21 40 48.7	-1.8
V51A	Loudon	23.48	31	P	Iamb	21 40 59.5	
PV15	Paradox Valley	23.55	341	P	Iamb	21 41 00.8	
BG3	Lake Jocassee	23.59	35	Iamb	Iamb	21 41 00.6	
PV12	Saucer Basin	23.63	341	P	Iamb	21 41 04.0	
TKL	Tuckaleechee C	23.65	32	P	P	21 40 51.9	-0.9
PV07	Paradox Valley	23.69	341	P	Iamb	21 41 08.8	
PV04	Paradox Valley	23.73	340	P	Iamb	21 41 01.5	
GMRC	Granite Mounta	23.75	324	P	P	21 40 55.4	+1.5
PV14	Lion Creek, Pa	23.75	340	P	Iamb	21 41 03.0	
PV23	Carpenter Ridg	23.82	340	P	Iamb	21 41 02.9	
PV22	Blue Mesa, Par	23.83	341	P	Iamb	21 41 02.4	
SMCO	Snowmass	23.91	345	P	Iamb	21 41 07.0	
V53A	Saluda	24.16	34	P	Iamb	21 41 07.3	
ISCO	Idaho Springs	24.18	348	P	P	21 40 59.4	+1.3
ISCO	Idaho Springs	24.18	348	P	Iamb	21 41 07.5	
T50A	Nancy	24.22	29	P	Iamb	21 41 05.8	
KMSC	Kings Mountain	24.60	37	P	P	21 41 02.1	+0.4
KMSC	Kings Mountain	24.60	37	P	Iamb	21 41 12.6	
WCI	Wyandotte Cave	24.61	25	P	P	21 41 02.2	+0.5
WCI	Wyandotte Cave	24.61	25	P	P	21 41 01.2	-0.5
SHPR	Sheep Range	24.77	328	P	Iamb	21 41 13.1	
GSC	Goldstone, B	24.78	323	P	P	21 41 04.5	+1.1
W56A	Indian Trail	25.03	38	P	P	21 41 06.4	+0.8
O20A	White River Ci	25.14	343	P	P	21 41 09.7	+3.0
055A	Taylorville	25.17	36	P	Iamb	21 41 09.1	
N23A	Red Feather La	25.30	348	P	P	21 41 10.2	+1.9
S51A	Beattyville	25.30	30	P	Iamb	21 41 16.3	
U54A	Nelsons Funy	25.33	34	P	P	21 41 10.2	+1.8
BLO	Bloomington	25.34	23	P	Iamb	21 41 09.4	
LRMC	Laurel Mtn Rd	25.41	322	P	P	21 41 12.0	+2.8
PRN	Pahroc Range	25.42	329	P	Iamb	21 41 20.4	
V56A	Mocksville	25.55	37	P	P	21 41 11.5	+1.2
HDIL	Hopedale	25.67	17	P	P	21 41 11.7	+0.5
TPNV	Topopah Spring	25.68	327	P	P	21 41 13.8	+2.2
TPNV	Topopah Spring	25.68	327	P	Iamb	21 41 22.7	
MPMC	Manual Prospec	25.70	324	P	P	21 41 12.8	+0.9
W58A	Raeoford	25.76	40	P	P	21 41 13.7	+1.5
U56A	King	26.00	36	P	P	21 41 14.8	+0.5
ISA	Isabella, Lake	26.00	322	P	P	21 41 18.0	+3.6
V57A	Coltrane Farms	26.02	38	P	P	21 41 14.8	+0.2
RWWY	Rawlins	26.34	346	P	Iamb	21 41 26.5	
V58A	Windy Hill, Pi	26.35	39	P	P	21 41 17.7	+0.2
V58A	Windy Hill, Pi	26.35	39	P	Iamb	21 41 27.3	
P49A	Miami Univ. Ec	26.37	25	P	P	21 41 17.6	0.0
R11A	Troy Canyon, C	26.42	330	P	P	21 41 21.2	+2.9
R11A	Troy Canyon, C	26.42	330	P	Iamb	21 41 29.6	
VES	Vestal, Richgr	26.49	321	P	P	21 41 21.8	+3.0
S54A	Dingess, Beckl	26.56	33	P	P	21 41 20.1	+0.7
BLA	Blacksburg	26.60	35	P	P	21 41 20.0	+0.2
BLA	Blacksburg	26.60	35	P	Iamb	21 41 37.0	
U57A	Blanch	26.66	37	P	P	21 41 20.7	+0.4
DUGA	Dagway, Tooele	26.73	336	P	P	21 41 22.8	+1.8
V59A	Middlesex	26.86	40	P	P	21 41 25.1	+3.0
R54A	Victor	27.02	32	P	P	21 41 26.0	+2.4
U58A	Oxford	27.09	38	P	P	21 41 27.5	+3.3
Q53A	Leroy	27.27	31	P	P	21 41 33.5	+7.8
ECSD	EROS Data Cent	27.49	4	P	P	21 41 27.9	+0.1
NV11	Mina Array Sit	27.79	326	P	Iamb	21 41 46.8	
NVAR	Mina Array	27.87	326	P	P	21 41 32.9	+1.5
NVAR	Mina Array	27.87	326	P	P	21 44 47.7	+0.4
NVAR	Mina Array	27.87	326	P	P	21 41 31.1	-0.3
BW06	Boulder Array	27.95	343	P	P	21 41 33.2	+1.1
BW06	Boulder Array	27.95	343	P	Iamb	21 41 46.4	
PD31	Pinedale Array	27.95	343	P	Iamb	21 41 46.4	
PDAR	Pinedale Array	27.95	343	P	P	21 41 44.7	-0.2
PDAR	Pinedale Array	27.95	343	P	P	21 41 31.9	-0.2
ELK	Elko	28.19	333	P	P	21 41 32.9	-1.4

SDV	Santo Domingo	28.62	101	P	P	21 41 38.8	+0.5
REDW	Red Top Meadow	28.87	342	P	Iamb	21 41 50.9	
LOHW	Long Hollow	29.02	342	P	Iamb	21 41 51.5	
BEKR	Beckworth	30.01	326	P	P	21 41 49.2	-1.2
HLID	Hailey	30.23	337	P	P	21 41 53.6	+1.3
HLID	Hailey	30.23	337	P	P	21 41 51.1	-1.3
DLMT	Dillon	31.21	341	P	P	21 41 59.6	-1.3
MOD	Modoc Plateau	31.46	329	P	P	21 42 01.8	-1.4
MDND	Maddock	31.54	359	P	P	21 42 40.7	+1.2
MDND	Maddock	31.54	359	P	P	21 42 02.6	-1.0
AGMM	Agassiz Nain	32.09	4	P	P	21 42 08.3	-0.1
AGMM	Agassiz Nain	32.09	4	P	P	21 42 07.0	-1.4
BMO	Blue Mountains	32.44	335	P	P	21 42 10.4	-1.2
M50	Missoula	32.94	341	P	Iamb	21 42 24.2	
F10A	Beach Ranch	33.34	337	P	Iamb	21 42 21.5	
G08A	Pilot Rock	33.47	334	P	Iamb	21 42 34.9	
ULM	Lac du Bonnet	34.03	4	P	P	21 42 24.8	-0.5
E09A	Wood Farm, Sta	34.14	336	P	Iamb	21 42 33.8	
NEW	Newport	35.24	339	P	P	21 42 36.4	+0.5
C09A	Chrisman Ranch	35.26	337	P	P	21 42 34.5	-1.6
NNA	Nana	35.59	141	P	Iamb	21 42 35.0	-4.3
NNA	Nana	35.59	141	P	Iamb	21 42 42.9	
LSQC	Lebel-sur-Quev	37.35	24	P	P	21 42 53.7	-0.2
FFC	Flin Flin	38.49	357	P	P	21 43 03.3	-0.1
YKA	Yellowknife Arr	47.50	350	P	P	21 44 15.7	-0.6
H03N2	Juan Fernandez	52.98	159	T	T	22 42 08.2	
H03N1	Juan Fernandez	52.99	159	T	T	22 42 04.2	
H03N3	Juan Fernandez	52.99	159	T	T	22 42 05.5	
BCAR	Beaver Creek A	55.36	338	P	P	21 45 15.1	-0.2
EGAK	Eagle	56.21	340	P	Iamb	21 45 20.5	-0.7
INK	Inuvik	56.49	345	P	P	21 45 22.1	-1.0
PRP	Porcupine Dome	58.13	339	P	P	21 45 30.0	-1.0
IL31	Eielson Array	58.19	338	P	P	21 45 35.0	-0.1
ILAR	Eielson Array	58.19	338	P	P	21 45 35.7	+0.5
ILAR	Eielson Array	58.19	338	P	P	21 45 35.1	-0.1
RND	Reindeer	58.21	336	P	P	21 45 33.9	-1.6
BMAR	Burnt Mountain	58.95	341	P	P	21 45 40.2	-0.4
I23K	Ilinto, Yukon-K	59.29	338	P	P	21 45 41.1	-1.0
COLD	Coldfoot	60.65	340	P	P	21 45 53.2	+1.0
PLCA	Paso Flores	62.53	156	P	P	21 46 07.0	+1.8
ICESG	Greenland Ice	64.22	20	P	P	21 46 23.4	+7.0
SUMG	Summit	65.98	17	P	P	21 46 28.0	+0.1
SUMG	Summit	65.98	17	P	P	21 46 27.2	-0.7
SUMG	Summit	65.98	17	P	P	21 46 28.0	+0.1
SUMG	Summit	65.98	17	P	Iamb	21 46 29.1	
LZH	Lanzhou	123.66	338	ePKP	PKPdf	21 54 38.5	-1.4
LZH	Lanzhou	123.66	338	ePKP	sPKPdf	21 54 50.2	+7.0
LZH	Lanzhou	123.66	338	ePKP	sPKPdf	21 54 54.3	
CMAR	Chiang Mai Arr	141.27	332	PKP	PKPdf	21 55 13.0	-0.2

IDC 01 21:44:17.2.1.1, 0.32N, 125.74E, h0km, mb3.7/5,
 mb1 3.9/6, mb1mx3.5/46, mbtmp3.7/6, ML2.8/1, MS3.7/1,
 Ms1 3.7/1, ms1mx2.7/42, Error ellipse: s-maj=57.8km
 s-min=19.8km az=60.0
 DJA 01 21:44:23.0.1.0, 0.32N, 125.74E, h1km, mb3.6/11,
 MLV3.6/11

IDC 01 21:44:20.8.0.3, 0.30N, 110.126E, 0.05, h10km, n14,
 r145/14, mb3.8/5, Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
TNTI	Ternate	1.43	71	P	ISC	21 44 48.7	+10.4
TNTI	Ternate	1.43	71	S	Pg	21 45 07.7	+0.7
KMSI	Cibinong	2.05	278	P	Pb	21 44 58.3	+0.1
SANI	Sanana	2.33	181	P	Sb	21 45 24.5	+0.8
LWUW	Luwuk	3.50	248	P	Pn	21 45 06.0	+1.3
NLAI	Namlea	3.68	163	P	Pn	21 45 17.3	+1.9
MRSI	Marisa	4.08	272	P	Pn	21 45 19.7	+1.9
APSI	Ampana	4.53	255	P	Pn	21 45 30.3	+0.8
SIJL	Sorong	5.38	102	Pn	Pn	21 45 42.6	+1.4
WRA	Warramunga Arr	21.71	158	P	P	21 49 11.2	-1.1
ASAR	Alice Springs	25.03	163	P	P	21 49 44.4	-0.9
STKA	Stephens Creek	35.24	117	P	P	21 51 14.7	-1.0
DZKM	Don Dzumac	45.24	122	LR	LR	22 12 53.4	
MKAR	Makanchi Arr	59.98	327	P	P	21 54 25.4	-2.2
KURBB	Kurchatov Arr	64.25	329	P	P	21 54 51.7	-4.4

IDC 01 21:49:05.0.1.2, 1.63N, 126.10E, h0km, mb3.8/6,
 s-maj=138.7km s-min=17.3km az=66.0
 DJA 01 21:49:11.9.1.1, 2.1N, 126.10E, h21km, gkm, M4.0/13,
 mb4.4/4, mb6.4/1, MLV3.9/13, Mv(MB)6.1/1

IDC 01 21:49:11.8.0.8, 1.76N, 106.126E, 0.06, h47km, n16,
 r133/19, mb3.0/6, Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
TNTI	Ternate	1.35	137	P	ISC	21 49 35.3	+1.1
TNTI	Ternate	1.35	137	S	Pn	21 49 53.8	+2.9
SGSI	Sangihe	2.12	334	P	Sb	21 49 45.6	+0.8
SGSI	Sangihe	2.12	334	S	Pn	21 50 11.8	+1.9
KMSI	Cibinong	2.74	244	P	Sb	21 49 54.1	+0.8
Gorontalo	Gorontalo	3.62	252	P	Sb	21 50 26.4	+1.3
GTJOI	Sanana	3.82	187	P	Pn	21 50 07.5	+2.0
LWUW	Luwuk	4.61	233	P	Pn	21 50 19.6	+0.5
MRSI							

CMAR	Chiang Mai Arr	75.94 282	P	P	23 22 09.9	+1.3
GEYT	Alibek	17.69 324	P	P	23 22 17.7	-0.5
BOSA	Boshof	75.13 334	PKPbc	PKPbc	23 20 11.9	-0.6

comp=Z:2.7nm,0.7s,baz=18,slow=6.1,SNR=6.2
 comp=Z:0.9nm,0.3s,baz=18,slow=5.7,SNR=5.4
 comp=Z:1.1nm,0.7s,baz=18,slow=6.2,SNR=6.1
 comp=Z:3.2nm,0.8s,baz=18,slow=2.7,SNR=4.4

Code	Station Name	A°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
LSSA	Little Sitkin	0.10	61	Op	Pn	23	17	07.1	+0.9		
LSNW	Little Sitkin	0.11	52		Pn	23	17	06.9	+0.7		
LSNW	Little Sitkin	0.13	66		Pn	23	17	07.2	+1.0		
LSPA	Little Sitkin	0.13	66		Pn	23	17	07.2	+1.0		
CETU	Semis' Tuman	0.70	84		Pn	23	17	20.5	+2.5		
CESW	Semis' Southwe	0.74	90		Pn	23	17	10.0	+0.4		
CEAP	Semis' Anvil P	0.75	82		Pn	23	17	10.5	+0.8		
CERB	Semis' Cerberu	0.78	87		Pn	23	17	10.9	+1.0		
CERB	Semis' Cerberu	0.78	87		Pn	23	17	25.9	+1.4		
AMKA	Amchitka	0.78	132		Pn	23	17	10.4	+0.5		
CERAA	Semis' Rag'd T	0.81	89		Pn	23	17	17.7	+0.5		
SMY	Shemya	2.75	289		Pn	23	18	06.3	+0.1		
SMY	Shemya	2.75	289	Pn	Pn	23	17	33.0	-0.4		
ADK	Adak	3.06	88	Sn	Pn	23	18	12.7	-0.8		
ADK	Adak	3.06	88		Pn	23	18	35.0	-0.5		
ATKA	Atka Island	4.59	83		Pn	23	17	57.8	-0.1		
KOPF	Korovin Flat P	4.66	82		Pn	23	17	58.5	-0.3		
NIKH	Nikolai Island	7.88	77	Pn	Pn	23	18	43.3	+1.0		
SPIA	Saint Paul Is	8.46	47		Pn	23	18	51.9	+1.8		
MGOD	Makushin Gods	9.13	72		Pn	23	18	58.8	-0.5		
MSW	Makushin Swite	9.19	72		Pn	23	18	59.0	-0.2		
MREP	Makushin Rep't	9.20	72		Pn	23	19	00.2	-0.1		
UNV	Unalaska Valle	9.35	72	Pn	Pn	23	19	02.9	+0.7		
AKUT	Akutan	9.81	71	Pn	Pn	23	19	07.5	-1.0		
PEA0B	Petropavlovsk-	12.65	284	Pn	Pn	23	19	46.7	+0.3		
PETK	Petropavlovsk-	12.65	284	Pn	Pn	23	19	47.8	+1.5		
PETK	Petropavlovsk-	0.8nm,0.3s,baz=102,slow=19,SNR=8.3		S	Sn	23	22	01.5	-4.0		
PETK	Petropavlovsk-	0.4nm,0.3s,baz=24,slow=25,SNR=1.0		Pn	Pn	23	19	45.6	-0.8		
SDPT	Sand Point	12.65	284		Pn	23	19	50.0	-0.9		
OHAK	Old Harbor	17.01	66		Pn	23	20	40.8	-2.6		
OHAK	Old Harbor	17.01	61	Amb	Iamb	23	20	48.0			
TTA	Tatalina	17.53	41	P	P	23	20	47.5	+0.4		
KDAD	Kodiak Island	17.64	59	P	P	23	20	45.6	-2.6		
KDAD	Kodiak Island	17.64	59	S	S	23	23	55.3	-1.0		
KDAD	Kodiak Island	17.64	59	S	S	23	23	55.3	-1.0		
KDAD	Kodiak Island	17.64	59	P	P	23	20	46.0	-2.3		
RSD	Redoubt Summit	18.08	50	P	P	23	20	54.2	+1.0		
RDOG	Red Dog Mine	18.57	22	P	P	23	21	00.6	+2.2		
CNPM	China Poot	18.61	54	P	P	23	20	58.8	-0.1		
BRLK	Bradley Lake	18.83	53	P	P	23	21	01.1	-0.2		
SKT	Skwentz	19.08	46	P	P	23	21	05.5	+1.5		
PPLA	Purkeypile	19.11	43	P	P	23	21	05.7	+1.3		
SUA	Susitna One	19.29	48	P	P	23	21	08.1	+1.7		
SEW	Seward	19.60	53	P	P	23	21	09.3	-0.3		
KTH	Kantishna Hill	19.88	42	P	P	23	21	14.4	+1.6		
IMAR	Indian Moutai	19.89	34	P	P	23	21	13.7	+0.9		
PMR	Palmer	20.07	48	P	P	23	21	15.9	+1.2		
TRF	Thorofare Mout	20.11	43	P	P	23	21	15.8	+0.5		
GHO	Glory Hole Cre	20.21	48	P	P	23	21	17.4	+1.1		
KNK	Knik Glacier	20.34	49	P	P	23	21	17.3	-0.4		
SML	Sawmill	20.49	48	P	P	23	21	20.4	+1.1		
RND	Reindeer	20.74	44	P	P	23	21	22.3	+0.7		
BWN	Browne	20.71	41	P	P	23	21	22.6	+1.1		
GLI	Glacier Island	20.88	51	P	P	23	21	22.3	-1.1		
SCM	Sheep Creek Mo	20.96	48	P	P	23	21	24.1	-0.2		
HIN	Hinchinbrook I	21.10	53	P	P	23	21	25.4	-0.4		
I23K	Minto, Yukon-K	21.12	39	P	P	23	21	25.7	-0.2		
FID	Port Fidalgo	21.16	52	P	P	23	21	25.0	-1.4		
DHY	Denali Highway	21.25	45	P	P	23	21	27.8	+0.3		
EYAK	Cordova Ski Ar	21.49	52	P	P	23	21	29.2	-0.6		
MDM	Murphy Dome	21.49	40	P	P	23	21	30.5	+0.5		
KLU	Klutina	21.55	50	P	P	23	21	30.4	-0.3		
CDB	Clear Creek Bu	21.55	44	P	P	23	21	31.1	+0.5		
COLD	Coldfoot	21.75	33	P	P	23	21	32.9	+0.3		
HDA	Harding Lake	21.82	42	P	P	23	21	33.7	+0.3		
POKR	Poker Flat Res	21.87	40	P	P	23	21	33.9	0.0		
IL31	Ilkai	21.97	41	P	P	23	21	34.4	-0.5		
ILAR	Eielson Array	21.97	41	P	P	23	21	33.1	-1.8		
ILAR	Eielson Array	21.97	41	P	P	23	21	33.8	-1.1		
RAGM	Ragged Moutai	22.00	53	P	P	23	21	36.0	+0.6		
KAIM	Kayak Island	22.08	54	P	P	23	21	37.1	+1.0		
N25K	Chitina, Valde	22.08	50	P	P	23	21	37.1	-0.4		
HMT	Hamilton	22.20	53	P	P	23	21	37.7	+0.3		
SUCK	Suckling Hills	22.41	59	P	P	23	21	40.5	-0.1		
RIDG	Independent Ri	22.52	44	P	P	23	21	40.0	-0.7		
GLB	Gilahina Butte	22.55	50	P	P	23	21	41.4	+0.5		
TOLK	Tootik Lake Re	22.67	30	P	P	23	21	42.9	+0.8		
VRDI	Verde Repeater	22.69	51	P	P	23	21	41.8	-0.8		
PRP	Porcupine Dome	22.76	39	P	P	23	21	42.2	-0.9		
DOT	Dot Lake	22.84	45	P	P	23	21	43.0	-0.8		
MCARA	McCarthy VSAT	22.91	50	P	P	23	21	44.4	-0.1		
TGL	Tana Glacier	22.94	52	P	P	23	21	46.2			
ISLE	Juniper Island	23.17	53	P	P	23	21	46.3	-0.8		
BALM	Baldy	23.20	51	P	P	23	21	46.6	-0.8		
FYU	Fort Yukon	23.23	37	P	P	23	21	47.5	+0.1		
YAH	Yahse	23.45	53	P	P	23	21	49.9	+0.2		
BARN	Barnard Glacie	23.54	51	P	P	23	21	50.0	-0.5		
CTGM	Chitina Glacie	23.69	52	P	P	23	21	54.1			
BCAR	Beaver Creek A	23.73	46	P	P	23	21	52.3	+0.2		
TABL	Table Mountain	23.75	53	P	P	23	21	51.7	-0.7		

Code	Station Name	A°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
BMAR	Burnt Mountain	23.79	35	P	P	23	21	50.7	-1.9		
PCA	Pinnacle	24.18	54	P	P	23	21	56.5	+0.3		
DAWY	Dawson	24.95	44	Iamb	Iamb	23	22	05.8			
HYT	Haines Junctio	25.55	52	P	P	23	22	10.1	+1.4		
INK	Inuvik	26.05	36	P	P	23	22	30.7	-0.1		
DLBC	Dease Lake	29.54	57	P	P	23	22	45.0	+0.8		
C36M	Paulatuk	31.59	35	P	P	23	23	02.6	+0.6		
H1N12	WAKE ISLAND Hy	33.34	200	T	T	23	23	03.0			
H1N13	WAKE ISLAND Hy	33.35	200	T	T	23	23	04.0			
H1N11	WAKE ISLAND Hy	33.36	200	T	T	23	23	04.0			
H1S1	WAKE ISLAND Hy	34.57	200	T	T	00	00	10.8			
H1S3	WAKE ISLAND Hy	34.59	200	T	T	00	00	22.4			
H1S2	WAKE ISLAND Hy	34.59	200	T	T	00	00	24.0			
YKA	Yellowknife Ar	36.15	46	P	P	23	23	41.5	+0.1		
NLWA	Neilton Lookou	36.82	74	P	P	23	23	46.6	-0.8		
LTY	Liberty	38.78	72	P	P	23	24	03.3	-0.7		
H04A	Detroit Lake	39.21	76	P	P	23	24	07.6	0.0		
H04A	Detroit Lake	39.21	76	P	P	23	24	08.2			
HUMO	Hull Mountain	39.89	80	P	P	23	24	13.3	+0.1		
HAWA	Hanford	39.89	72	P	P	23	24	12.1	-1.0		
KRMB	Red Mountain	39.93	82	P	P	23	24	13.9	+0.4		
NEW	Newport	40.34	69	P	P	23	24	15.8	-1.1		
YBH	Yreka Blue Hor	40.54	80	P	P	23	24	19.6	+1.0		
YBH	Yreka Blue Hor	40.54	80	P	P	23	24	19.5	+1.0		
K05A	Summer Lake	41.08	78	P	P	23	24	23.9	+0.8		
I07A	Izeze	41.15	75	P	P	23	24	23.3	-0.4		
KCPM	Cahto Peak	41.21	84	P	P	23	24	23.4	-0.8		
WDC	Whiskeytown Da	41.31	82	P	P	23	24	25.7	+0.9		
MOD	Modoc Plateau	41.91	79	P	P	23	24	29.6	-0.3		
HOPS	Hopland Field	41.94	84	P	P	23	24	29.4	-0.6		
BMO	Blue Mountains	42.04	73	P	P	23	24	29.8	-1.1		
ORV	Oroville	42.57	82	P	P	23	24	35.1	0.0		
WVOR	Wild Horse Val	42.77	77	P	P	23	24	35.1	-0.4		
BEKR	Beckworth	43.08	81	P	P	23	24	40.2			
PAHR	Pah Rah Range	43.77	81	P	P	23	24	45.1	+0.2		
CMB	Columbia Colle	44.19	83	P	P	23	24	48.6	+0.5		
SOMN	Songino Array	44.83	295	P	P	23	24	54.4	+1.1		
SONM	Songino Array	44.83	295	P	P	23	24	53.9	+0.6		
BOZ	Bozeman (W)	44.95	69	P	P	23	24	52.8	-1.4		
RYN	Ryan	44.96	81	P	P	23	24	54.3	-0.1		
LHV	Little Hootoon	45.21	82	P	P	23	24	56.6	+0.5		
NVAR	Mina Array Bea	45.22	81	P	P	23	24	56.7	+0.1		
NVAR	Mina Array Bea	45.22	81	P	P	23	24	57.7	+0.9		
MDBP	Devils Postpil	45.25	83	P	P	23	24	58.3			
NV11	Nevada Site	45.31	81	P	P	23	24				

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M56A	Emporium	45.25	358	P	P	23 41 06.1	+0.3
M56A	Emporium	45.25	358	I	Amb	23 41 07.5	
U32A	Winters Branch,	45.25	334	P	P	23 41 06.0	+0.1
AMTX	Amarillo	45.26	331	P	P	23 41 06.5	+0.5
AMTX	Amarillo	45.26	331	I	Amb	23 41 07.4	
M55A	Ridgway	45.26	358	I	Amb	23 41 06.9	
M59A	Waymart	45.30	1	P	P	23 41 07.5	+1.3
KSPA	Keystone Colle	45.31	1	P	P	23 41 06.9	+0.7
KSPA	Keystone Colle	45.31	1	I	Amb	23 41 08.3	
M62A	Hamden	45.32	4	P	P	23 41 06.8	+0.6
M53A	WI Miller and	45.34	356	P	P	23 41 06.8	+0.3
M53A	WI Miller and	45.34	356	P	P	23 41 05.8	-0.6
M53A	Hamden	45.34	357	P	P	23 41 06.9	+0.4
M54A	Oil Creek Stat	45.34	5	P	P	23 41 07.0	+0.5
M63A	Gales Ferry	45.34	5	P	P	23 41 07.0	+0.5
M51A	Elyria	45.36	354	P	P	23 41 06.2	-0.4
KAN01	Argonia South	45.40	336	P	P	23 41 06.4	-0.6
M52A	Chesterland	45.49	355	I	Amb	23 41 08.2	
ALLY	Alegheny Colle	45.51	356	P	P	23 41 07.6	-0.2
ALLY	Alegheny Colle	45.51	356	I	Amb	23 41 08.8	
KSCT	Kent School, K	45.56	3	P	P	23 41 07.5	-0.7
UCCT	U. Connecticut	45.72	5	P	P	23 41 09.1	-0.3
UCCT	U. Connecticut	45.72	5	I	Amb	23 41 11.2	
L57A	Andrews Acres	45.75	360	P	P	23 41 10.2	+0.5
L58A	Harry Jones Me	45.80	1	P	P	23 41 11.2	+1.1
L53A	Girard	45.82	356	P	P	23 41 10.4	+0.1
L63A	North Scituate	45.84	5	P	P	23 41 11.3	+1.0
L56A	Greenwood	45.89	359	P	P	23 41 11.3	+0.4
L56A	Greenwood	45.89	359	P	P	23 41 10.5	-0.4
L62A	Suffield	45.92	4	P	P	23 41 11.8	+0.8
L62A	Suffield	45.92	4	P	P	23 41 10.6	-0.4
BINY	Binghamton	45.95	1	P	P	23 41 12.0	+0.7
BINY	Binghamton	45.95	1	P	P	23 41 11.8	+0.5
L59A	Walton	45.96	2	P	P	23 41 12.7	+1.3
ERPA	Erie	45.97	357	P	P	23 41 11.2	-0.1
ERPA	Erie	45.97	357	I	Amb	23 41 12.4	
L64A	Middleborough	45.99	6	P	P	23 41 11.0	-0.5
L64A	Middleborough	45.99	6	I	Amb	23 41 13.0	
L61A	Hillsdale 1, H	46.02	3	P	P	23 41 12.4	+0.6
P38A	Dawn	46.08	342	P	P	23 41 10.3	-2.0
WVNY	West Valley, N	46.19	358	I	Amb	23 41 14.8	
QUA2	Betchworth	46.19	4	I	Amb	23 41 14.7	
L48A	N Adams	46.24	352	I	Amb	23 41 13.0	
M44A	Mideween	46.32	348	P	P	23 41 11.6	-2.5
N41A	Harden Midland	46.33	345	I	Amb	23 41 16.5	
K60A	Five Rivers En	46.43	3	P	P	23 41 16.2	+1.3
K56A	Middlesex	46.45	359	P	P	23 41 15.2	0.0
K57A	Scipio Center	46.48	0	P	P	23 41 15.7	+0.3
HRV	Adam Dzewiowski	46.48	5	P	P	23 41 16.6	+1.2
HSIG	Ann Arbor	46.49	317	P	P	23 41 15.2	-0.6
AAM	Ann Arbor	46.49	353	P	P	23 41 14.0	-1.4
AAM	Ann Arbor	46.49	353	P	P	23 41 14.0	-1.4
AAM	Ann Arbor	46.49	353	I	Amb	23 41 16.3	
K61A	Williamstown	46.52	3	P	P	23 41 16.9	+1.2
K58A	Earlville	46.52	1	P	P	23 41 16.8	+1.1
K58A	Earlville	46.52	1	P	P	23 41 15.7	0.0
K58A	Earlville	46.52	1	I	Amb	23 41 17.7	
K59A	Cooperstown	46.55	2	P	P	23 41 17.5	+1.5
TRY	Troy	46.55	3	P	P	23 41 16.7	+0.7
TRY	Troy	46.55	3	I	Amb	23 41 18.7	
K62A	Royalston	46.58	4	P	P	23 41 17.5	+1.3
KSU1	Kansas State U	46.65	339	P	P	23 41 16.6	-0.2
KSU1	Kansas State U	46.65	339	P	P	23 41 15.4	-1.4
KSU1	Kansas State U	46.65	339	I	Amb	23 41 17.2	
K63A	Dunstable	46.66	5	P	P	23 41 17.4	+0.6
121A	Cookes Peak, D	46.81	323	P	P	23 41 19.7	+1.2
121A	Cookes Peak, D	46.81	323	P	P	23 41 19.6	+1.2
MEDO	Medina	46.94	358	P	P	23 41 18.3	-0.7
MEDO	Medina	46.94	358	I	Amb	23 41 20.2	
J56A	Wolcott	47.02	360	P	P	23 41 20.0	+0.4
J55A	Hilton	47.02	359	P	P	23 41 19.1	-0.5
J55A	Hilton	47.02	359	I	Amb	23 41 20.8	
J54A	Appleton	47.05	358	P	P	23 41 19.8	0.0
J54A	Appleton	47.05	358	I	Amb	23 41 24.5	
N38A	Joel South For	47.06	343	P	P	23 41 18.6	-1.4
N38A	Joel South For	47.06	343	I	Amb	23 41 20.3	
J60A	Lant Hill Farm	47.08	3	P	P	23 41 20.5	+0.5
J58A	Remsen	47.12	1	P	P	23 41 21.4	+0.1
J58A	Remsen	47.12	1	P	P	23 41 20.9	+0.4
J58A	Remsen	47.12	1	I	Amb	23 41 22.2	
J57A	Williamstown	47.16	1	P	P	23 41 21.4	+0.8
J57A	Williamstown	47.16	1	I	Amb	23 41 22.9	
ACCN	Adirondack Com	47.21	3	P	P	23 41 20.6	-0.4
J61A	Chester	47.24	4	P	P	23 41 22.8	+1.5
J59A	Piesco	47.25	2	P	P	23 41 22.3	+0.9
J59A	Piesco	47.25	2	I	Amb	23 41 23.4	
L42A	Oliver, Polo	47.26	347	P	P	23 41 19.9	-1.6
L42A	Oliver, Polo	47.26	347	I	Amb	23 41 21.5	
G009	Cerro Castillo	47.28	176	P	P	23 41 22.2	+0.6
G009	Cerro Castillo	47.28	176	I	Amb	23 41 35.2	
BNM	Barren Site	47.30	326	P	P	23 41 22.8	+0.6
Y22D	IRIS PASSCAL I	47.41	325	P	P	23 41 23.0	+0.1
Y22D	IRIS PASSCAL I	47.41	325	I	Amb	23 41 26.5	
I58A	Old Forge	47.46	2	P	P	23 41 23.2	+0.2
LENM	Lemitar	47.51	325	P	P	23 41 23.9	+0.2

I59A	Olmsteadville	47.61	3	P	P	23 41 25.0	+0.9
HNH	Hanover	47.61	4	P	P	23 41 24.6	+0.4
HNH	Hanover	47.61	4	I	Amb	23 41 26.4	
CBKS	Cedar Bluff	47.62	335	P	P	23 41 25.5	+1.1
CBKS	Cedar Bluff	47.62	335	P	P	23 41 24.8	+0.4
CBKS	Cedar Bluff	47.62	335	P	P	23 41 24.8	+0.4
CBKS	Cedar Bluff	47.62	335	P	P	23 41 24.8	+0.4
K43A	Burlington	47.65	348	P	P	23 41 22.6	-1.8
PECO	Prince Edward	47.68	360	P	P	23 41 24.1	-0.5
I60A	Shoreham	47.68	3	P	P	23 41 25.7	+1.0
I57A	Carthage	47.69	1	P	P	23 41 26.0	+1.2
L40A	Anamosa	47.69	345	P	P	23 41 23.6	-1.2
L40A	Anamosa	47.69	345	I	Amb	23 41 25.0	
I51A	Listowel	47.71	356	P	P	23 41 24.2	-0.8
NCB	Newcomb	47.77	2	P	P	23 41 25.2	-0.1
ANMO	Albuquerque	47.79	327	P	P	23 41 26.8	+0.8
ANMO	Albuquerque	47.79	327	I	Amb	23 41 26.1	+0.1
ANMO	Albuquerque	47.79	327	P	P	23 41 26.4	+0.4
ANMO	Albuquerque	47.79	327	I	Amb	23 41 27.9	
I61A	Oroboro, Fairl	47.84	4	P	P	23 41 26.8	+0.8
N35A	Tabor	47.88	341	P	P	23 41 24.8	-1.6
SCIA	State Center	48.09	343	P	P	23 41 26.5	-1.4
LBNH	Lisbon	48.17	5	P	P	23 41 29.4	+0.9
LBNH	Lisbon	48.17	5	I	Amb	23 41 30.6	
VT1	Waterbury	48.20	4	P	P	23 41 28.4	-0.4
VT1	Waterbury	48.20	4	I	Amb	23 41 32.0	
H58A	Gabriels	48.21	2	P	P	23 41 29.3	+0.4
H57A	Richville	48.22	1	P	P	23 41 28.9	0.0
DELO	Deloro Mine	48.27	359	P	P	23 41 28.8	-0.4
H53A	Bolcayogon	48.35	358	P	P	23 41 29.6	-0.2
T25A	Trinidad	48.39	330	P	P	23 41 31.9	+1.3
N33A	J Bar K, Exete	48.40	339	P	P	23 41 29.8	-0.5
LONY	Lake Ozonia	48.40	2	P	P	23 41 30.9	+0.6
LONY	Lake Ozonia	48.40	2	P	P	23 41 30.2	0.0
H60A	Morristown	48.44	4	P	P	23 41 32.1	+0.7
H59A	Cadyville	48.46	3	P	P	23 41 31.5	+0.8
H61A	Lyndonville	48.46	4	P	P	23 41 32.2	+1.4
TUC	Tucson	48.50	321	P	P	23 41 31.8	+0.4
TUC	Tucson	48.50	321	P	P	23 41 31.5	+0.2
TUC	Tucson	48.50	321	P	P	23 41 31.5	+0.2
TUC	Tucson	48.50	321	I	Amb	23 41 33.0	
SADO	Sadowna	48.57	358	P	P	23 41 30.8	-0.7
SADO	Sadowna	48.57	358	I	Amb	23 41 31.4	
FRNY	Flat Rock	48.66	3	P	P	23 41 32.8	+0.6
FRNY	Flat Rock	48.66	3	I	Amb	23 41 34.1	
G57A	Newington	48.87	2	P	P	23 41 33.8	0.0
G59A	Clarenceville	48.92	3	P	P	23 41 34.7	+0.6
G58A	Ormstown	48.95	2	P	P	23 41 35.3	+0.9
G60A	Masonville	48.99	4	P	P	23 41 36.2	+1.4
KSCO	Kaye Shedlock	49.04	333	P	P	23 41 36.5	+1.1
KSCO	Kaye Shedlock	49.04	333	I	Amb	23 41 38.5	+0.4
KSCO	Kaye Shedlock	49.04	333	I	Amb	23 41 35.8	-0.3
G54A	Lake Saint Pet	49.16	359	P	P	23 41 35.8	-0.3
MOQ	Mont Orford	49.21	4	P	P	23 41 35.5	-1.0
BGNE	Belgrade	49.24	339	P	P	23 41 36.7	-0.1
BGNE	Belgrade	49.24	339	P	P	23 41 36.2	-0.5
BGNE	Belgrade	49.24	339	I	Amb	23 41 38.1	+1.3
G63A	Kingsbury	49.26	7	P	P	23 41 38.1	+1.3
G62A	West of Eustis	49.27	6	P	P	23 41 38.5	+1.6
G62A	West of Eustis	49.27	6	I	Amb	23 41 36.6	-0.3
I40A	Norwalk	49.27	347	P	P	23 41 35.2	-1.7
I40A	Norwalk	49.27	347	I	Amb	23 41 36.5	
SDCO	Great Sand Dun	49.41	330	P	P	23 41 39.2	+0.8
PKME	Peas-Kenny Pk	49.45	7	P	P	23 41 39.2	+1.0
G45A	Suttons Bay	49.45	352	P	P	23 41 37.1	-1.1
214A	Organ Pipe Nat	49.58	319	I	Amb	23 41 40.3	+0.8
214A	Organ Pipe Nat	49.58	319	I	Amb	23 41 41.6	
GGN	Saint George	49.64	9	P	P	23 41 39.2	-0.5
GGN	Saint George	49.64	9	I	Amb	23 41 42.2	
F59A	Saint Guillaume	49.72	4	P	P	23 41 41.2	+1.0
ALGO	Algonquin Park	49.72	359	P	P	23 41 39.5	-0.7
PIX	Pinnacle	49.77	318	P	P	23 41 39.8	-1.0
W18A	Petrified Fore	49.78	324	P	P	23 41 42.1	+0.9
F61A	St Evariste	49.97	5	P	P	23 41 42.5	+0.3
TRQ	Mont Tremblant	50.00	2	P	P	23 41 41.9	-0.6
S22A	4UR Ranch, Cre	50.08	329	P	P	23 41 44.8	+1.2
F64A	Sherman	50.15	8	P	P	23 41 43.8	+0.3
F64A	Sherman	50.15	8	P	P	23 41 43.9	+0.3
F64A	Sherman	50.15	8	I	Amb	23 41 45.1	
Q24A	Divide	50.18	331	P	P	23 41 45.0	+0.7
E55A	Montcerf-Lytto	50.20	1	P	P	23 41 44.1	

SFS	San Fernando	7.44 272	Pn	Pn	23 40 12.3 -1.5
FRF	La Forest Royal	7.54 20	P	Sn	23 40 17.6 +2.4
FRF			S	Sn	23 41 36.2 -4.0
2.6nm,0.3s					
FRF	La Forest Royal	7.54 20	ePn	Pn	23 40 17.6 +2.4
FRF			eSn	Sn	23 41 36.2 -4.0
5.1nm,0.3s					
LASF	Ste Croix	7.55 5	eP	Pn	23 40 16.8 +1.4
LASF			eS	Sn	23 41 35.0 -5.5
0.8nm,0.4s					
LASF	Ste Croix	7.55 5	ePn	Pn	23 40 16.8 +1.4
LASF			eSn	Sn	23 41 35.0 -5.5
1.6nm,0.4s					
PGF	Pioggiola	7.56 36	P	Pn	23 40 18.8 +3.2
PGF			eP	Sn	23 41 35.0 -5.5
PGF	Pioggiola	7.56 36	ePn	Pn	23 40 18.8 +3.2
PGF			eSn	Sn	23 41 35.0 -5.5
0.8nm,0.3s					
SBF	Sospel	8.05 23	P	Pn	23 40 24.1 +1.8
SBF			eP	Sn	23 41 49.2 -3.7
4.5nm,0.5s					
SBF	Sospel	8.05 23	ePn	Pn	23 40 24.1 +1.8
SBF			eSn	Sn	23 41 49.2 -3.7
9.0nm,0.5s					
VIVF	Saint-Julien-I	8.40 8	P	Pn	23 40 28.2 +1.2
VIVF			eP	Sn	23 40 37.2 +6.8
VIVF	Saint-Julien-I	8.40 8	ePn	Pn	23 40 28.2 +1.2
VIVF			eSn	Sn	23 41 55.7 -5.7
1.4nm,0.3s					
ORIF	Oris-en-Rattie	8.64 14	P	Pn	23 40 31.4 +1.0
ORIF			S	Sn	23 42 02.1 -5.3
0.2nm,0.3s					
ORIF	Oris-en-Rattie	8.64 14	ePn	Pn	23 40 31.4 +1.0
ORIF			eSn	Sn	23 42 02.1 -5.3
0.4nm,0.3s					
MBDF	Montbardon	8.66 18	P	Pn	23 40 32.9 +3.3
MBDF			eP	Sn	23 42 03.7 -4.2
0.2nm,0.2s					
MBDF	Montbardon	8.66 18	ePn	Pn	23 40 32.9 +3.3
MBDF			eSn	Sn	23 42 03.7 -4.2
0.4nm,0.2s					
SSB	Saint Sauveur	8.80 7	Pn	Pn	23 40 33.8 +1.2
SSB	Bardocchia	8.84 15	Pn	Pn	23 40 42.8 +2.1
LPG	La Plagne	9.38 16	P	Sn	23 42 20.2 -5.6
LPG			S	Sn	23 42 20.2 -5.6
0.2nm,0.3s					
LPG	La Plagne	9.38 16	ePn	Pn	23 40 42.8 +2.1
LPG			eSn	Sn	23 42 20.2 -5.6
0.4nm,0.3s					
LPL	La Plagne	9.39 16	P	Pn	23 40 42.4 +1.6
LPL			ePn	Pn	23 40 47.6 +6.7
LPL	La Plagne	9.39 16	ePn	Pn	23 40 42.4 +1.6
LPL			eP	Pn	23 40 58.6 +0.3
SALO	Sal	10.68 30	P	Pn	23 41 49.5 -1.9
GEC2	GERESS Array S	14.57 29	Pn	Pn	23 41 49.5 -1.9
GEC2B	GERESS Array S14.57	29	Pn	Pn	23 41 49.5 -1.9
GERES	GERESS Array B	14.57 29	Pn	Pn	23 41 50.2 -1.2
CLL	Collin	16.39 23	Pn	Pn	23 42 15.3 +3.1
PMOZ	Porto Moniz, M	17.04 263	P	P	23 42 20.6 -3.1
EKR7	Eskdalemuir Ar	19.25 349	P	Iamb	23 42 49.1 -0.3
EKB6	Eskdalemuir Ar	19.28 349	P	Iamb	23 42 48.0 -1.7
EKB6			Iamb	Iamb	23 43 03.9
comp-Z,1.1nm,1.1s					
BURAR	Bucovina Array	19.77 49	P	P	23 43 34.1 +0.8
TORD	Tordi Ar. Bea	23.23 183	P	P	23 43 34.4 +1.0
comp-Z,0.4nm,0.5s,baz=357,slow=10,SNR=1.8					
NB201	NORSAR Array S	25.09 9	P	Iamb	23 43 49.3 -0.2
NB201			Iamb	Iamb	23 43 51.1
comp-Z,1.3nm,1.1s					
DBIC	Dimbokro	30.59 196	P	P	23 44 38.7 -0.4
MKAR	Makanchi Array	57.73 53	P	P	23 48 17.1 +1.3
comp-Z,0.2nm,0.5s,baz=278,slow=5.3,SNR=2.3					

ICC 01 23:46:37.1+1.9,3:83S:141:39E,h57km,16km,mb3.6/6,mb1 3.9/9,mb1mx3.6/38,mbtmp4.0/9,MS3.8/1,Ms1 3.7/1,ms1mx2.5/37,Error ellipse: s-maj=28.7km s-min=12.8km az=77.0

NEIC 01 23:46:38.2+1.5,3:73S:0:08x141:5E:0:1,h61km,8km,mb4.2/20,Error ellipse: s-maj=17.1km s-min=10.4km az=61.0

ISC 01 23:46:37.6+0.6,3:79S:0:07x141:37E:0:09,h54km,n50,e1501/49,mb4.1/13,New Guinea

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
JAY	Jayapura	1.43 332	Op	ISC	23 47 00.4 -0.9
JAY			S	h m s ISC	23 47 19.7 +0.6
32nm,0.3s,baz=170,slow=9,SNR=65					
JAY			S	h m s ISC	23 47 50.2
JAY			LR	LR	23 47 50.2
267nm,0.3s,baz=304,slow=24,SNR=20					
PMG	Port Moresby	8.01 134	P	Pn	23 48 32.3 +0.9
PMG			eP	Sn	23 48 32.3 +0.9
1.8nm,0.3s,baz=24,slow=5,SNR=3.9					
PMG	Port Moresby	8.01 134	P	Pn	23 48 33.1 +1.7
FAKI	Fak Fak	9.15 275	Pn	Pn	23 48 49.4 +2.3
COEN	Coen	10.26 170	Pn	Pn	23 49 07.2 +4.9
SIJL	Sorong	10.51 286	Pn	Pn	23 49 05.5 -0.2
baz=153,slow=22,SNR=1.7					
MTN	Manton Dam	13.54 228	Pn	Pn	23 49 45.1 -2.1
WB0	Warramunga Arr	17.28 203	Pn	Pn	23 50 34.9 -0.4
WR0	Warramunga Arr	17.40 202	Pn	Pn	23 50 36.7 0.0
WB2	Warramunga Arr	17.45 203	Pn	Pn	23 50 37.1 -0.3
WR4	Warramunga Arr	17.45 202	Pn	Pn	23 50 35.5 -2.0
0.2nm,0.3s,baz=16,slow=13,SNR=5.5					
WRA	Warramunga Arr	17.46 203	Pn	Pn	23 50 38.9 -0.6
WC3	Warramunga Arr	17.46 202	Pn	Pn	23 50 45.2 +1.1
SOE1	Soe	17.98 250	Iamb	Iamb	23 51 00.7
comp-Z,2.25nm,0.8s					
FITZ	Fitzroy Crossi	20.96 226	P	P	23 51 15.7 -0.7
FITZ			P	P	23 51 16.5 +0.1
comp-Z,0.7nm,0.5s,baz=15,slow=8,SNR=1.3					
FITZ	Fitzroy Crossi	20.96 226	Iamb	Iamb	23 51 26.8
comp-Z,2.7nm,1.2s					
ASAR	Alice Springs	21.04 199	P	P	23 51 15.6 -1.6
ASAR			P	P	23 51 18.0 +0.8
KAPI	Kappana	21.59 266	P	P	23 51 24.6 +1.5
EIDS	Eidsvold	23.40 157	P	P	23 51 42.2 +0.3
EIDS			Iamb	Iamb	23 51 48.5
comp-Z,6.9nm,1.1s					
CMAR	Chiang Mai Arr	47.28 299	P	P	23 55 05.3 -0.7
comp-Z,1.7nm,0.5s,baz=11,slow=6.1,SNR=6.3					
MK31	Makanchi Array	72.27 322	P	P	23 57 57.5 +0.2
MK31			Iamb	Iamb	23 57 58.5
comp-Z,1.9nm,1.0s					
MKAR	Makanchi Array	72.27 322	P	P	23 57 57.6 +0.2
MKAR			P	P	23 57 57.5 +0.1
MAKZ	Makanchi	72.47 322	P	P	23 57 58.7 +0.1
MAKZ			Iamb	Iamb	23 57 59.5
comp-Z,3.4nm,0.6s					
ZALV	Zalesovo Beam	74.21 329	P	P	23 58 07.8 -0.8
comp-Z,0.7nm,0.6s,baz=29,slow=3.4,SNR=4.0					
KK06	Karatay Array	78.75 315	P	P	23 58 34.5 -0.2
KKAR	Karatay Array	78.75 315	P	P	23 58 34.1 -0.6
MAW	Mawson	82.13 202	LR	LR	00 33 34.0
comp-Z,4.5nm,18.9s,baz=241,slow=34					
PPLA	Purkeypille	82.86 25	P	P	23 58 55.3 -1.0
PPLA			Iamb	Iamb	23 58 56.2
comp-Z,3.9nm,1.0s					
IMAR	Indian Mountai	83.48 22	P	P	23 58 58.7 -0.5
KTH	Kantishna Hill	83.64 25	P	P	23 58 58.1 -2.1
RND	Reindeer	84.45 25	P	P	23 59 03.0 -1.4
CCB	Clear Creek Bu	85.30 24	P	P	23 59 06.9 -1.6
CCB			Iamb	Iamb	23 59 08.1
comp-Z,3.1nm,1.0s					
ILAR	Eielson Array	85.72 24	P	P	23 59 09.0 -1.6
comp-Z,1.2nm,0.8s,baz=260,slow=4.5,SNR=14					
IL18	Eielson Array	85.76 24	P	P	23 59 09.6 -1.2
OSPA	South Pole Qui	86.16 180	P	P	23 59 11.2 -1.2
BEYNT	Alibek	86.98 308	P	P	23 59 17.8 +0.3
GARN	Barnard Glacie	87.01 28	P	P	23 59 16.5 -0.7
AB06	Akbulak array	87.24 320	P	P	23 59 18.5 +0.2
AB07	Akbulak array	87.25 320	P	P	23 59 18.8 +0.5
AB03	Akbulak array	87.26 320	P	P	23 59 18.5 +0.2
AB01	Akbulak array	87.26 320	P	P	23 59 17.5 +0.5
AB31	Akbulak array	87.26 320	P	P	23 59 18.8 +0.3

AB31		Iamb	Iamb	23 59 19.4	
comp-Z,1.0nm,0.8s					
ABKAR	Akbulak array	87.26 320	P	P	23 59 18.5 0.0
ABKAR	Akbulak array	87.26 320	P	P	23 59 18.6 +0.2
ABKAR		Iamb	Iamb	23 59 19.4	
comp-Z,1.0nm,0.8s					
AB05	Akbulak array	87.26 320	P	P	23 59 18.8 +0.3
BMAR	Burnt Mountain	87.40 22	P	P	23 59 20.0 +1.2
BCAR	Beaver Creek A	87.42 26	P	P	23 59 19.2 +0.2
DAWY	Dawson	86.68 26	P	P	23 59 25.1 +0.1
DAWY		Iamb	Iamb	23 59 42.8	
comp-Z,3.3nm,1.2s					

NEIC 01 23:51:25.9+1.4,3:94N:0:09x126:04E:0:09,h135km,7km,mb4.5/39,Error ellipse: s-maj=15.0km s-min=10.6km az=48.0

DJA 01 23:51:25.0+0.3,4:N:4:12:6E:,h128km,3km,M4.6/11,mb5.2/3,mb4.6/11,MLV4.6/10,MWMB)4.6/3

IDC 01 23:51:25.9+1.8,3:85N:125:72E,h113km,16km,mb4.1/24,mb1 4.1/26,mb1mx1.0/51,mbtmp4.4/26,MS3.4/2,Ms1 3.4/2,ms1mx2.5/48,Error ellipse: s-maj=21.4km s-min=9.2km az=70.0

ISC 01 23:51:25.7+0.4,3:87N:0:04x125:93E:0:07,h131km,n116,e111/118,mb4.5/50,1C-1D,Talud Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
SGSI	Sangihe	0.44 245	Op	ISC	23 52 14.1 +1.0
SGSI			S	h m s ISC	23 52 00.8 +2.0
DDMP	Don Marcelino,	2.23 354	eP	Pn	23 52 07.1 -0.9
DDMP			eS	Pn	23 52 30.0 -0.9
SKMP	Bagumbayan, Su	2.97 332	eP	Pn	23 52 12.1 0.0
SKMP			eP	Pn	23 52 46.5 -1.2
MATI	Mati	3.07 6	eP	Pn	23 52 14.4 +1.1
MATI			eS	Pn	23 52 50.3 +0.2
DATV	Davao City (W)	3.20 354	S	Sn	23 52 55.9 +2.8
33nm,0.3s,baz=97,slow=18,SNR=5.5					
KCP	Kidapawan	3.23 345	eP	Pn	23 52 16.9 +1.5
KCP			S	Pn	23 52 18.7 +0.7
TNTI	Ternate	3.40 155	/s	Sn	23 52 18.3 +0.7
TNTI			S	Sn	23 52 56.7 -1.0
TNTI	Ternate	3.40 155	Pn	Pn	23 52 17.7 +0.1
BUKP	Musuan	4.07 348	eP	Pn	23 52 26.9 +0.3
EUKP			eP	Sn	23 53 12.7 -1.1
GTJO	Gorontalo	4.34 222	P	Pn	23 52 33.1 +3.1
PAGZ	Pagadian	4.69 327	eP	Pn	23 52 34.2 -0.6
PAGZ			eS	Pn	23 53 28.1 -0.4
MRSI	Marisa	5.22 230	P	Pn	23 52 45.7 +3.9
0.7nm,2um191nm,0.6s					
LUWI	Luwu	5.81 213	Pn	Pn	23 52 51.1 +1.4
TOLJ	Tolitoli	5.82 242	P	Pn	23 52 52.4 +2.5
SANI	Sanana	5.88 179	P	Pn	23 52 49.2 -1.5
MPSI	Mapaga	6.97 240	P	Pn	23 53 09.9 +4.5
0.1nm,28nm,0.9s					
SIJI		7.12 131	P	Pn	23 53 07.7 +0.3
2.1nm,0.3s,baz=296,slow=11,SNR=3.4					
NLAI	Namlea	7.16 171	P	Pn	23 53 07.7 -0.2
1.5nm,78nm,0.8s					
MYLDM	Lahad Datu	7.52 280	Pn	Pn	23 53 17.7 +4.9
FAKI	Sibak	9.24 137	Pn	Pn	23 53 35.8 -0.2
SBUM	Sibu	13.76 265	P	P	23 54 43.5 +3.9
KSM	Kuching	15.78 262	P	P	23 55 03.9 +1.8
KSM			Iamb	Iamb	23 55 06.0
comp-Z,1.8nm,0.5s					
JAY	Jayapura	16.07 113	P	P	23 55 07.3 +2.0
comp-Z,1.5nm,0.3s,baz=185,slow=6.1,SNR=4.6					
JAGI	Jajag, Banyuwa	16.98 224	Pn	Pn	23 55 18.1 +2.6
MTN	Manton Dam	17.39 163	P	P	23 55 19.2 -0.6
YHNB	Yeheng	21.14 348	Iamb	Iamb	23 56 00.0 -0.5
YHNB			Iamb	Iamb	23 56 10.8
comp-Z,1.2nm,0.8s					
FITZ	Fitzroy Crossi	21.83 181	P	P	23 56 08.0 +0.2
comp-Z,6.0nm,1.0s,baz=160,slow=20,SNR=1.8					
Palemang		22.20 253	P	P	23 56 02.2 -1.1
Kunigami		22.94 5	P	P	23 56 19.6 +0.8
comp-Z,1.4nm,0.5s,baz=196,slow=11,SNR=8.2					
UBPT	Khong Chiang	21.31 301	P	P	23 56 21.4 +1.0
UBPT			Iamb	Iamb	23 56 23.8
comp-Z,1.3nm,1.0s					
COEN	Coen	24.63 136	P	P	23 56 34.0 -0.3
WB0	Warramunga Arr	24.92 161	P	P	23 56 38.0 +1.2
WB0			Iamb	Iamb	23 56 39.3
comp-Z,1.4nm,0.9s					
WRA	Warramunga Arr	25.07 161	P	P	23 56 38.5 +0.4
WRA					

YOJ	Yonaguni jima	3.35 223	Pn	Pn	23 57 59.2	-0.7
JAMN	Amanishihikomi	3.48 67	P	S	23 58 01.6	+0.2
JAMN		3.48 67	P	S	23 58 42.6	-3.0
JAM	Amami Oshima	3.90 67	P	S	23 58 07.0	+0.6
JAM		3.90 67	P	S	23 58 52.2	-2.3
JZJ	Kikami	4.17 70	P	S	23 58 58.5	-0.1
YHNB	Yeheng	4.38 240	Pn	Pn	23 58 13.4	+1.0
NACB	Ninganchiao	5.02 233	Pn	Pn	23 58 13.0	-0.8
SSLB	Suanglung	5.20 234	Pn	Pn	23 58 22.1	-0.4
JMZ	Namidaifo 2	5.21 101	P	Pn	23 58 24.6	+1.9
JMZ		5.21 101	P	Pn	23 59 21.6	-2.4
KJDU	Kitadaitoujima	5.25 99	P	S	23 59 05.9	-0.1
KJDU		5.25 99	P	eS	23 59 22.9	-2.0
JTN	Tanegasima 3	6.05 51	P	P	23 58 34.1	+0.9
JTN		6.05 51	P	eS	23 59 38.8	-4.4
JSU	Suzuyama	6.26 42	P	Pn	23 58 37.3	+1.3
JSU	Nakatsue	7.71 36	P	Pn	23 58 57.5	+2.9
JNU		7.71 36	P	Pn	23 58 57.9	+3.3
JNU	Tsushima	8.27 23	Pn	Pn	23 59 00.0	-1.6
JMN	Monobe	9.89 45	Pn	Pn	23 59 20.6	-1.9
KSR5	Korea Array	10.79 10	P	Pn	23 59 35.0	+2.4
ULN	Ulanbaatar	25.42 330	P	P	00 02 16.1	+3.7
ULN		25.42 330	P	Iamb	00 02 17.3	
SOMN	Songino Array	25.70 329	P	P	00 02 15.0	+0.1
SOMN		25.70 329	P	PcP	00 05 39.7	+0.9
SOMN		25.70 329	P	S	00 08 57.1	+0.1
SOMN		25.70 329	P	S	00 02 15.4	+0.6
MK31	Makanchi Array	39.28 312	P	P	00 04 12.1	-0.2
MK31		39.28 312	P	P	00 04 12.1	-0.2
MKAR		39.28 312	P	PcP	00 06 16.4	+0.1
MKAR		39.28 312	P	P	00 04 12.0	-0.2
MAKZ	Makanchi	39.28 312	P	Iamb	00 04 14.2	+0.2
MAKZ		39.28 312	P	Iamb	00 04 14.8	
ZAAO	Zalesovo Array	40.25 323	P	P	00 04 19.4	-0.6
ZALV	Zalesovo Beam	40.25 323	P	P	00 04 19.6	-0.4
ZALV		40.25 323	P	P	00 04 19.6	-0.4
ZALV		40.25 323	P	P	00 04 19.3	-0.7
KURBB	Kurchatov Array	42.69 317	P	P	00 04 39.6	-0.3
KURBB		42.69 317	P	PcP	00 06 26.8	-0.5
KURBB		42.69 317	P	PcP	00 05 11.8	-2.1
WB0	Warramunga Arr	47.20 169	P	P	00 05 13.3	-2.4
WB0		47.20 169	P	Iamb	00 06 14.0	
WRA	Warramunga Arr	47.37 169	P	P	00 05 17.5	+0.6
WRA		47.37 169	P	P	00 05 17.5	+0.6
WR0	Warramunga Arr	47.42 168	P	P	00 05 18.0	+0.7
AB01	Akbulak array	54.41 313	P	P	00 06 09.4	+0.3
AB03	Akbulak array	54.41 313	P	P	00 06 09.0	-0.1
AB31	Akbulak array	54.41 313	P	P	00 06 08.8	-0.2
AB31		54.41 313	P	Iamb	00 06 18.7	
ABKAR	Akbulak array	54.41 313	P	P	00 06 09.1	0.0
AB04	Akbulak array	54.42 313	P	P	00 06 09.0	-0.1
AB08	Akbulak array	54.42 313	P	P	00 06 09.3	+0.2
AB09	Akbulak array	54.43 313	P	P	00 06 09.0	-0.2
ANN	Nome	57.05 29	P	P	00 06 28.7	+1.2
ANN		57.05 29	P	Iamb	00 06 37.5	
FORT	Forrest	57.43 177	P	P	00 06 29.6	-1.0
TTA	Tatalina	71.41 41	P	P	00 06 56.5	+0.6
ILAR	Indian Mountai	61.97 27	P	P	00 07 01.6	+0.5
ILAR	Eielson Array	64.27 28	P	P	00 07 02.4	-0.3
INK	Inuvik	69.19 23	P	P	00 07 46.1	-1.1
INK		69.19 23	P	Iamb	00 07 48.7	
INK		69.19 23	P	Iamb	00 07 48.7	
FINES	FINES Array B	71.07 330	P	P	00 07 58.4	-0.3
WHY	Whiteshor	71.41 41	P	P	00 08 02.5	+1.7
NOA	NORSAR Array B	77.61 333	P	P	00 08 36.0	-0.4
NOA		77.61 333	P	P	00 08 36.0	-0.4
YKA	Yellowknife Arr	78.90 24	P	P	00 08 43.8	+0.4
NVAR	Mina Array Bea	47.08 77	P	P	00 09 49.5	+1.7
NVAR		47.08 77	P	P	00 09 49.5	+1.7

ATKA	Atka Island	5.29 216	Pn	Pn	00 16 31.8	+1.3
CHGN	Chignik	5.94 88	Pn	Pn	00 16 40.9	+1.6
ADK	Adak	6.46 227	Pn	Pn	00 16 45.2	-1.4
GAMB	Gambell	7.34 351	Pn	Pn	00 16 57.7	-0.9
ANN	Nome	8.23 11	Pn	Pn	00 17 11.9	+1.2
AMKA	Amchitka	8.58 238	Pn	Pn	00 17 18.1	+2.4
OHAK	Old Harbor	8.68 79	Pn	Pn	00 17 18.1	+1.1
KDAD	Kodiak Island	9.05 75	Pn	Pn	00 17 23.6	+1.6
KDAD		9.05 75	Pn	Pn	00 17 23.3	+1.2
KDAD		9.05 75	Pn	Pn	00 17 25.6	+1.9
RSD	Redoubt South	9.39 59	Pn	Pn	00 17 28.4	+1.5
BRLK	Bradley Lake	10.13 64	Pn	Pn	00 17 35.2	-1.7
SKT	Skwentna	10.48 52	Pn	Pn	00 17 40.9	-0.7
PPLA	Purkeypile	10.61 46	Pn	Pn	00 17 42.9	-0.6
SUA	Sustitna One	10.64 55	Pn	Pn	00 17 44.0	+0.1
PMR	Palmer	11.41 56	Pn	Pn	00 17 54.3	-0.0
KSH	Kantishna Hill	11.43 45	Pn	Pn	00 17 54.1	-0.6
GHO	Glory Hole Cre	11.56 55	Pn	Pn	00 17 54.4	-2.0
TRF	Thorofore Moun	11.63 46	Pn	Pn	00 17 56.5	-1.1
RML	Ridwell	11.84 55	Pn	Pn	00 18 02.2	+2.0
IMAR	Indian Mountai	11.94 32	Pn	Pn	00 18 02.4	+0.8
SND	Sheep Creek Mo	12.19 39	Pn	Pn	00 18 07.6	+2.6
SCM	Sheep Creek Mo	12.31 56	Pn	Pn	00 18 04.7	-1.9
KLU	Klutina	12.88 58	Pn	Pn	00 18 12.4	-2.0
CCB	Clear Creek Bu	13.16 43	Pn	Pn	00 18 18.4	+0.2
ILAR	Eielson Array	13.57 44	Pn	Pn	00 18 23.8	-0.0
PETK	Petropavlovsk-	19.32 274	P	P	00 19 36.9	+0.4
INUK	Inuvik	19.86 40	P	P	00 19 42.2	0.0
SEK	Seymchan	20.16 304	P	P	00 19 46.6	+0.0
YKA	Yellowknife Arr	27.52 55	P	P	00 20 59.4	+1.6
TXAR	Taxiar Array	52.64 92	P	P	00 24 25.2	-0.4
AKASG	Main Array Be	72.02 348	P	P	00 26 33.8	-1.2

IDC 02 00:29.9:1.0, 28.23N:105.03E, h0km, mb3.8/6, mb1.3/8.7, mb1mx3.5/5.2, mbtmp3.7/7, ML3.5/1, Error ellipse: s-maj=46.9km s-min=19.2km az=56.0
NEIC 02 00:31.4:0.6, 28.05N:104.7E:0.1, h10km, 2km, mb4.0/10, ML3.5(BJ), Error ellipse: s-maj=23.0km s-min=12.2km az=303.0

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ENH	Enshi	4.69 62	Op	00 21 40.0	+1.4
GUN	Gumba	16.63 274	eP	00 24 28.7	+0.9
PKI	Pulchoki	17.08 273	eP	00 24 32.5	-0.3
PKIN	Pulchoki	17.09 273	eP	00 24 32.5	-0.3
KKN	Kakani	17.17 273	eP	00 24 33.8	+0.1
DMN	Daman	17.35 273	eP	00 24 36.0	+0.4
DANN	Dangsing	18.46 276	eP	00 24 47.1	-0.9
SOMN	Songino Array	19.72 3	P	00 25 00.9	-0.6
SOMN		19.72 3	Pn	00 25 02.1	-0.8
MK31	Makanchi Array	25.62 323	P	00 26 01.2	0.0
MKAR	Makanchi Array	25.62 323	P	00 26 01.4	+0.2
MKAR		25.62 323	P	00 26 01.0	-0.3
MDJ	Mudanjiang	25.78 44	P	00 26 02.5	-0.1
MDJ		25.78 44	Iamb	00 26 05.5	
MAKZ	Makanchi	25.80 322	P	00 26 02.9	0.0
MAKZ		25.80 322	Iamb	00 26 05.0	
KURBB	Kurchatov Arr	29.96 326	P	00 26 40.1	0.0
KURK	Kurchatov	29.98 326	P	00 26 40.1	-0.1
KURK		29.98 326	Iamb	00 26 45.2	
GEYT	Alibek	39.92 296	P	00 28 08.0	+2.0
GEYT		39.92 296	P	00 28 05.5	+0.5
MBWA	Marble Bar	51.10 162	P	00 29 35.1	+0.6
WRA	Warramunga Arr	55.72 146	P	00 30 07.8	-0.7
WB2	Warramunga Arr	55.72 146	P	00 30 07.5	-1.1
WC3	Warramunga Arr	55.74 146	P	00 30 08.1	-0.7
WC3		55.74 146	Iamb	00 30 09.8	
WR0	Warramunga Arr	55.83 146	P	00 30 08.4	-1.0
WR0		55.83 146	Iamb	00 30 10.3	
ASAR	Alice Springs	58.68 148	P	00 30 28.9	-0.6
YKA	Yellowknife Arr	84.38 17	P	00 33 02.7	-1.2

IDC 02 00:35.0:0.7, 47.64N:176.55E, h0km, mb3.9/18, mb0.1/1.18, mb1mx3.9/5.7, mbtmp3.9/18, ML4.6/1, MS3.3/5, Ms1.3/3.5, ms1mx2.8/4.8, Error ellipse: s-maj=21.3km s-min=15.5km az=158.0
NEIC 02 00:42.2:4.2, 48.5N:0.1:176.5E:0.1, h16km, 7km, Error ellipse: s-maj=20.0km s-min=11.5km az=175.0
AEIC 02 00:48.7:2.9, 48.7N:0.1:177.3E:0.1, h20km, 6km, ML4.1/1.7, mb4.3/4.8(B), Error ellipse: s-maj=17.6km s-min=13.0km az=185.0

ISC 02 00:38.0:0.7, 48.15N:0.0:176.57E:0.07, h10km, n91, Δ257/92, mb4.3/3.9, MS3.4/4, South of Aleutian Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
AMKA	Amchitka	3.68 28	Sn	00 21 34.9	-0.1
LSSA	Little Sitkin	4.00 18	Sn	00 22 12.7	-5.7
LSPA	Little Sitkin	4.02 18	Sn	00 21 40.6	+1.0
LSPA		4.02 18	Sn	00 22 21.1	-5.7
LSNW	Little Sitkin	4.02 17	Pn	00 21 39.9	+0.2
CESW	Semis' Southwe	4.22 26	Pn	00 21 43.1	+0.8
CESW		4.22 26	Pn	00 22 39.7	-7.7
CERAA	Semis' Rag'd T	4.26 27	Pn	00 21 43.7	+0.8
CEAP	Semis' Anvil P	4.31 26	Pn	00 21 44.9	+1.3
SMY	Shemya	4.84 342	Pn	00 21 50.4	-0.5
SMY		4.84 342	Sn	00 22 44.2	-8.8
ADK	Adak	5.73 47	Sn	00 22 40.4	+0.9
ADK		5.73 47	Sn	00 22 49.5	-0.5
ATKA	Atka Island	7.18 52	Sn	00 22 22.3	-0.7
KOWE	Korovin Flat	7.24 51	Pn	00 22 25.2	+1.4
KOPF	Korovin Flat P	7.27 52	Pn	00 22 25.4	+1.1
KOKV	Korovin Volcan	7.28 51	Pn	00 22 25.7	+1.3
NIKH	Nikolski Island	10.45 57	Pn	00 23 07.1	+0.2
UNV	Unalaska Valle	12.08 56	Pn	00 23 11.2	+1.6
PETK	Petropavlovsk-	12.95 300	Pn	00 23 14.6	-0.4
PETK		12.95 300	Sn	00 25 52.8	-1.3
PETK		12.95 300	LR	00 28 47.3	
ANN	Nome	19.12 24	P	00 24 58.9	-2.0
SEI	Sitkinan Islan	19.62 54	P	00 25 08.3	+0.6
SEY	Seymchan	20.16 304	P	00 25 11.9	+0.5
OHAK	Old Harbor	20.25 52	P	00 25 14.3	+1.1
OHAK		20.25 52	Iamb	00 25 18.5	
KDAD		20.75 51	P	00 25 22.2	+1.2
KDAD		20.75 51	P	00 25 18.7	0.0
KDAD		20.75 51	Iamb	00 25 27.7	
TTA	Tatalina	21.19 36	P	00 25 25.3	+1.8
TTA		21.19 36	Iamb	00 25 32.4	
RSD	Redoubt South	21.49 44	P	00 25 28.1	+1.3
SKT	Skwentna	22.61 40	P	00 25 41.1	+2.5
SKT		22.61 40	Iamb	00 25 44.8	

PPLA	Purkeypile	22.71 38	P	P	00 25 42.4	+2.6
PPLA		22.71 38	P	Iamb	00 26 00.2	
SEA	Susitna One	22.76 42	P	P	00 25 40.2	-0.2
SEW	Seward	22.93 46	P	P	00 25 41.8	-0.2
SEW		22.93 46	Iamb	Iamb	00 25 59.3	
KTH	Kantishna Hill	23.52 37	P	P	00 25 49.8	+1.9
KTH		23.52 37	P	Iamb	00 25 53.6	
PMR	Palmer	23.54 42	P	P	00 25 48.3	+0.2
IMAR	Indian Mountai	23.69 30	P	P	00 25 51.8	+2.3
TRF	Thorofore Moun	23.73 38	P	P	00 25 50.4	-1.7
KNK	Knik Glacier	23.78 43	P	P	00 25 46.5	-4.1
KNK		23.78 43	Iamb	Iamb		

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various radio stations.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHMZ, RST, QAM, IMEH, IKHR, ICHK, ANAR, IKFM, IDOB, IBAF, IQOM, IVRN, IBZA, IALM, IRAZ, KHGB, ILAS, TVBK, QABC, NGRK, ILIN, IFIR, IANJ, TPRV, ISHM, IPRN, QALM, TNSJ, TKDS, SLWR, SHME, IGLG, BANOM, MASF, MASR, NAZ, ASUD, ASUD, MDH, MDH, MZWR, UOSS, UOSS, ASHO, ALNE, ALNE, SOHO, SOHO, ARQ, GEYT, WSAR, WSAR, MLR, AKASG, OBN, BVAR, KURBB, MKAR, ZALV, FINES, TORD, MDD, INMG, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PESTR, PBAR, PBAR, PMRV, PMRV, PCBR, EMIN, EMIN, ELOB, ELOB, MVO, MVO, EPLA, EPLA, ECAB, ECAB, ECAB, ECAB, EAGO, EAGO, EAGO, EAGO, EADA, EADA, EADA, EADA, PAB, PAB, PAB, PAB, ESDC, ESDC, EQES, EQES, EQES, EQES, DJA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, AS31, ASAR, ASAR, TBI, TBI, PPT2, PPT2, PPT2, PPT2, FITZ, FITZ, FITZ, FITZ, TAOE, CMAR, GERES, NEIC, IDC, GCMT, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

CNPM	China Poot	9.90	66	Pn	Pn	01 44 21.5 +2.0
BRLK	Bradley Lake	10.12	64	Pn	Pn	01 44 23.2 +0.8
SKT	Skwentna	10.52	52	Pn	Pn	01 44 29.1 +2.1
PPLA	Purkeypile	10.58	47	Pn	Pn	01 44 31.3 +2.5
SUA	Susitna One	10.62	59	Pn	Pn	01 44 31.8 +2.5
KTH	Kamistina Hill	11.40	45	Pn	Pn	01 44 41.7 +1.3
SML	Sawmill	11.82	55	Pn	Pn	01 44 49.7 +4.1
RND	Reindeer	12.16	48	Pn	Pn	01 44 54.6 +4.2
KLU	Klutina	12.66	58	Pn	Pn	01 45 03.3 +3.5
MDM	Murphy Dome	13.12	42	Pn	Pn	01 45 04.1 +0.8
CCB	Clear Creek Bu	13.12	44	Pn	Pn	01 45 06.3 +2.9
PAX	Paxson	13.44	62	Pn	Pn	01 45 11.1 +3.5
POKR	Poker Flat Res	13.49	42	Pn	Pn	01 45 06.5 -1.9
N25K	Chitina, Valde	13.50	58	Pn	Pn	01 45 11.4 +2.7
IL31		13.53	44	Pn	Pn	01 45 11.4 +2.5
ILAR	Eielson Array	13.53	44	Pn	Pn	01 45 09.2 +0.3
ILAR	comp-Z,1.0nm,0.3s,baz=242,slow=13,SNR=16					
ILAR	comp-Z,1.18nm,18.5s,baz=230,slow=40			LR	LR	01 50 52.0
ILAR	Eielson Array	13.53	44	Pn	Pn	01 45 10.9 +1.9
GLB	Gilathina Butte	13.84	59	Pn	Pn	01 45 15.7 +2.4
MCARA	McCarthy VSAT	14.21	97	Pn	Pn	01 45 21.2 +3.5
DOT	Dot Lake	14.25	50	Pn	Pn	01 45 25.0 -1.1
PRP	Porcupine Dome	14.38	42	Pn	Pn	01 45 22.2 +1.4
YAH	Yahtse	14.74	64	Pn	Pn	01 45 27.9 +2.2
BARN	Barnard Glacier	14.83	61	Pn	Pn	01 45 29.2 +2.4
TOLK	Tookik Lake Re	14.92	28	P	P	01 45 33.2 +0.5
CTGM	Chitina Glacier	14.93	62	Pn	Pn	01 45 49.9 +1.0
FYU	Fort Yukon	14.99	39	P	P	01 45 34.0 -0.4
FYU	comp-Z,36nm,1.3s			IAMB	IAMB	01 45 35.8
EGAK	Eagle	15.81	48	Pn	Pn	01 45 40.7 +1.2
DAWY	Dawson	16.35	51	P	P	01 45 50.5 +0.9
DAWY	comp-Z,24nm,1.1s			IAMB	IAMB	01 45 55.6
HYT	Haines Junction	16.84	62	P	IAMB	01 45 56.6 +1.6
HYT	comp-Z,2.23nm,1.2s			IAMB	IAMB	01 46 00.0
WHY	Whitrose	18.14	63	P	P	01 46 12.5 +3.2
PETK	Petrovlovsk-	19.30	274	P	P	01 46 24.1 +1.0
INK	comp-Z,0.2nm,0.3s,baz=96,slow=14,SNR=4.4			P	P	01 46 26.6 -1.0
INK	Inuvik	19.82	40	P	P	01 46 27.2 -0.4
INK	comp-Z,0.2nm,0.3s,baz=233,slow=8.0,SNR=13			IAMB	IAMB	01 46 32.5
SEY	comp-Z,1.3nm,0.9s			P	P	01 46 31.4 +0.5
SEY	Seymourhan	20.12	304	P	P	01 46 31.4 +0.5
DLBC	Dease Lake	20.87	69	P	P	01 46 39.7 +0.6
C36M	comp-Z,4.2nm,1.0s,baz=276,slow=10,SNR=2.8			P	P	01 47 05.4 -0.3
C36M	Paulatuk	23.41	39	P	IAMB	01 47 09.2
YKA	Yellowknife Arr	27.49	55	P	P	01 47 43.0 -0.2
YKA	comp-Z,6.1nm,0.9s,baz=279,slow=8.3,SNR=13			PcP	PcP	01 51 00.6 -0.4
YKA	comp-Z,0.2nm,0.6s,baz=285,slow=3.4,SNR=4.8			LR	LR	01 57 31.1
HRV	Holter Researc	35.88	81	P	P	01 48 55.5 -1.7
NVAR	Mina Array Bea	41.21	30	P	P	01 49 14.2 +0.5
NVAR	comp-Z,0.8nm,0.7s,baz=306,slow=7.5,SNR=6.8			PcP	PcP	01 51 30.8 +0.6
NVAR	comp-Z,0.6nm,0.7s,baz=294,slow=2.3,SNR=4.8			P	P	01 49 14.5 +0.8
NVAR	Elko	37.88	91	P	P	01 49 14.9 +0.6
TPH	Tonopah	38.66	96	P	P	01 49 20.8 -0.1
SRU	San Rafael Swe	41.62	89	P	P	01 49 45.1 -0.3
KSRS	Korea Array	45.20	273	P	P	01 50 14.4 +0.4
X18A	Snowflake	45.25	93	P	IAMB	01 50 14.1 -0.6
X18A	comp-Z,4.0nm,0.9s			IAMB	IAMB	01 50 44.1 +0.4
ULN	Ulaanbaatar	48.98	297	P	IAMB	01 50 45.2
ULN	comp-Z,4.0nm,0.9s			IAMB	IAMB	01 50 45.2
SONM	Songino Array	49.33	298	P	P	01 50 46.8 +0.5
SONM	comp-Z,2.1nm,0.9s,baz=50,slow=6.0,SNR=15			P	P	01 52 09.0 +0.2
SONM	comp-Z,1.3nm,1.0s,baz=54,slow=3.1,SNR=4.4			PcP	PcP	01 50 46.1 -0.2
SONM	Songino Array	49.33	298	P	P	01 51 04.7 -0.1
HHC	Hu-ho-hao-te	51.62	288	eP	P	01 51 04.7 -0.1
HHC	comp-Z,5.0nm,1.1s			pmax	pmax	
HHC	comp-Z,5.4nm,5.5s			pmax	pmax	
TXAR	Lajitas Array	52.66	92	P	P	01 51 10.7 -0.8
TXAR	comp-Z,0.9nm,0.8s,baz=265,slow=4.6,SNR=4.5			P	P	01 51 10.3 -1.2
TXAR	Lajitas Array	52.66	92	P	LR	01 51 10.3 -1.2
ARCES	ARCES Array B	54.89	354	LR	LR	02 15 59.8
ZALV	Zalesovo Beam	54.41	316	PcP	PcP	01 52 26.3 -1.2
ZALV	comp-Z,1.2nm,0.8s,baz=20,slow=4.6,SNR=4.5			P	P	01 51 50.1 -0.4
GTA	Walton	58.10	61	P	P	01 51 54.9 -0.1
GTA	Gaotai	58.73	295	P	P	01 51 59.8 +0.4
GTA	comp-Z,5.0nm,1.1s			pmax	pmax	01 52 03.2 +5.0
LZH	Lanzhou	59.20	290	P	P	01 51 59.6 +1.2
LZH	comp-Z,1.3nm,0.9s			P	P	01 52 07.1 +4.3
LZH	comp-Z,1.3nm,0.9s			pmax	pmax	01 52 10.5 +8.9
BRVK	Borovoye	60.34	323	P	P	01 52 05.7 -0.1
BRVK	comp-Z,7.1nm,1.2s			IAMB	IAMB	01 52 06.6
MK31	Makanchi Array	61.01	312	P	P	01 52 09.6 -0.9
MKAR	Makanchi Array	61.01	312	P	P	01 52 09.6 -0.9
MKAR	comp-Z,1.1nm,0.8s,baz=64,slow=5.5,SNR=6.9			P	P	01 52 09.7 -0.8
MKAR	Makanchi Array	61.01	312	P	P	01 52 12.8 +1.9
WMQ	Urungui	61.06	306	eP	P	01 52 14.1 -0.4
FINES	FINES Array B	61.66	352	P	P	02 21 03.0
FINES	comp-Z,3.9nm,1.1s,baz=24,slow=7.6,SNR=3.0			LR	LR	02 21 03.0
NOA	NORSAR Array B	62.67	360	LR	LR	02 20 48.0
ABKAR	Abkukul array	66.89	327	P	IAMB	01 52 48.8 -0.3
ABKAR	comp-Z,4.9nm,0.9s			IAMB	IAMB	01 52 49.8
AAK	Ala-Archa	67.58	314	P	P	01 52 52.9 -0.9
AAK	comp-Z,4.7nm,1.1s			IAMB	IAMB	01 52 59.9
KMI	Kunming	68.39	283	P	P	01 52 59.9 +0.7
KMI	comp-Z,9.0nm,1.4s			pmax	pmax	01 53 04.7 +1.1
KMI	comp-Z,9.0nm,1.4s			LR	LR	
KMI	comp-E,120nm,33.7s			LR	LR	
KMI	comp-Z,250nm,24.1s			LR	LR	
KK31	Karatay Array	68.72	317	P	P	01 53 00.0 -0.7
KKAR	Karatay Array	68.72	317	P	P	01 53 00.0 -0.7
KKAR	Karatay Array	68.72	317	P	IAMB	01 53 00.5 -0.3
KKAR	comp-Z,5.7nm,1.1s			IAMB	IAMB	01 53 01.6
KSH	Kashi	69.62	312	P	P	01 53 10.1 +3.6
KSH	comp-Z,5.0nm,1.1s			PcP	PcP	01 53 29.1 -0.4
KSH	comp-Z,5.0nm,1.1s			pmax	pmax	
AKASG	Malin Array Be	71.96	348	P	P	01 53 19.1 -1.3
AKASG	comp-Z,2.3nm,0.6s,baz=13,slow=6.1,SNR=9.7			P	P	01 53 17.9 -2.4
DPC	Dobruska-Polom	73.29	356	eP	P	01 53 28.6 +0.2
KRLC	Kraliky	73.55	356	eP	P	01 53 29.8 -0.1
KOLS	Kolonice sedl	74.38	352	eP	P	01 53 34.7 0.0
KHER	Kasperske Hory	74.58	358	eP	P	01 53 34.8 -1.1
GECS	GECS Array B	74.86	358	P	P	01 53 37.1 -0.6
GECS	comp-Z,0.9nm,0.8s,baz=23,slow=6.7,SNR=6.6			P	P	
BURAR	Bucovina Array	75.43	350	P	P	01 53 40.2 -0.7
NIL	Nilore	75.76	310	P	P	01 53 43.7 +0.0
KVAR	Kislovodsk Arr	76.27	337	LR	LR	02 29 42.9
KBL	Kabul	76.71	314	P	IAMB	01 53 46.9 -1.7
KBL	comp-Z,5.0nm,1.0s			IAMB	IAMB	01 53 48.5
GEYT	Alibeck	77.67	324	P	P	01 53 53.9 +0.2

ISC 02 01:42:27.2, 1.7, 21.165s, 170:23E, h0km, mb4.5/8, mb1 4.7/9, mb1mx4.4/01, mbtmp4.5/9, ML4.1/1, MS5.1/1, Ms1 5.1/1, ms1mx4.0/1, Error ellipse: s-maj=78.7km s-min=21.5km az=151.0

NOU 02 01:42:33.7, 21.133s, 170:00E, h33km, mb5.0, Southeast of Loyalty Islands

ISC 02 01:42:30.6, 0.6, 21.175s, 0:09, 170:03E, 0:09, h10km, n43, s=148/42, mb4.6/10, MS4.9/3, Southeast of Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
DZM	Mont Dzumac	3.46	254	Op	01 43 24.6	0.0
DZM	15nm,0.3s,baz=18,slow=15,SNR=3.0			Sn	01 44 04.7	-0.9
ONTNC	Ouen Toro	3.51	251	P	01 43 25.9	+0.6
DVP	Devils Point	3.84	333	P	01 43 30.5	+0.7
SANVU	Sarautou	6.29	334	P	01 44 02.8	-0.7
NFK	Norfolk Island	8.07	193	P	01 44 20.4	-7.4
MSFV	Stephens Creek	8.30	67	P	01 44 32.1	+0.9
ARMA	Armadale	18.94	327	P	01 46 54.8	+2.2
RMQ	Roma	20.16	251	P	01 47 08.6	+1.5
CNB	Canberra Magne	22.96	228	P	01 47 36.5	+1.1
YNG	Young	23.13	231	P	01 47 38.5	+1.5
CMSA	Colbar Meteorol	24.08	240	P	01 47 46.9	+0.5
MTSU	Mount Surprise	24.39	273	P	01 47 50.4	+1.0
STKA	Stephens Creek	27.51	241	P	01 48 17.2	-0.2
STKA	Stephens Creek	27.51	241	P	01 48 17.6	+0.2
HTT	Hallett	30.11	239	P	01 48 39.8	-0.8
BBOO	Buckleboe	32.28	242	P	01 48 58.6	-1.1
WRA	Warramunga Arr	33.40	266	P	01 49 08.3	-1.3
WRA	6.8nm,0.6s,baz=94,slow=8.2,SNR=37			LR	02 01 32.8	
ASAR	Alice Springs	33.44	259	P	01 49 09.2	-0.8
MTN	Miantou Dam	38.03	276	P	01 49 48.5	-0.9
FORT	Forrest	38.74	247	P	01 49 53.1	-2.1
FITZ	Fitzroy Crossi	41.82	266	P	01 50 20.4	-0.5
FITZ	Fitzroy Crossi	41.82	266	P	01 50 21.1	+0.2
MEEK	Meekatharra	47.07	253	P	01 51 01.4	-1.5
KLBR	Kleeberrin	47.59	246	P	01 51 05.4	-1.4
NWAO	Narrogin (SRO)	48.02	244	P	01 51 09.0	-1.2
MORW	Morawa	49.16	249	P	01 51 16.6	-2.4
CN2	Changchun	76.48	328	eP	01 54 23.9	+3.3
CN2	comp-Z,1.0nm,1.1s			pmax	02 04 07.2	+0.9
CN2	comp-Z,2.00nm,4.6s			LR		
CN2	comp-E,340nm,20.0s			LR		
CN2	comp-Z,4.70nm,22.0s			LR		
CMAR	Chiang Mai Arr	79.97	294	P	01 54 40.8	+0.3
SNA4	Sanae	87.28	182	P	01 55 17.3	+0.1
VNA3	Neumayer Olymp	87.84	180	P	01 55 21.5	+1.6
VNA2	Neumayer-Watz	88.14	181	P	01 55 22.7	+1.4
VNA1	Neumayer-Stat	88.42	181	P	01 55 28.8	+6.2
SONM	Songino Array	89.20	323	P	01 55 30.4	+3.7
NVAR	Mina Array Bea	89.52	48	P	01 55 26.6	-1.9
ILAR	Eielson Array	91.84	177	P	01 55 35.4	-3.1
BRG	Bergieshiussel	144.92	333	ePKP	02 02 11.9	+0.2
BRG	comp-Z,1.3nm,1.4s			Amp	02 02 14.4	
BRG	comp-Z,2.1nm,1.0s			ex	02 16 41.7	
BRG	comp-Z,2.1nm,1.0s			Amp	02 16 43.0	
BRG	comp-Z,3.2nm,0.7s			ex	02 17 06.7	
BRG	comp-Z,3.2nm,0.7s			Amp	02 17 26.1	
CLL	Collim	144.97	335	ePKP	02 02 11.0	-0.7
CLL	comp-N,200nm,20.6s			Lm	03 05 00.0	
CLL	comp-E,100nm,19.6s			Lm	03 05 00.0	
CLL	comp-Z,200nm,22.0s			Lm	03 05 00.0	
CKRC	Cesky Krumlov	146.28	331	ePKP	02 02 15.7	+1.1
KHC	Kasperske Hory	146.38	332	ePKP	02 02 14.6	-0.2
GERES	GERES Array B	146.53	331	PKPbc	02 02 09.3	-1.5
MOTA	Moosla	148.81	332	eP	02 02 16.8	-1.8
SQTA	Sankt Quirin	148.86	332	eP	02 02 20.1	0.0
FETA	Felten	149.22	332	eP	02 02 23.4	-0.7

2d 2h

2015 FEB

Main table containing astronomical data for February 2015, including station names, coordinates, and various parameters like AML, P, S, and time offsets.

Summary table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, and ISC. It lists various stations and their associated data points.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like COEN Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like MQZ McQueen's Vall, RPZ Rata Peaks, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like GERES GERESS Array B, TORD Torodi Ar. Bea, etc.

ADC 02:02:41:53.4,0.8,31.44S;177.73W,h0km,mb4.7/5, mb1.4,9/6,mb1mx4.4/21,mbmp4.7/6,ML4.6/1,MS4.1/16, Ms1.4,1/16,ms1mx4.0/32, Error ellipse: s-maj=26.5km, s-min=22.3km, az=124.0, NEIC 02:02:41:55.7,1.8,31.46S;0.05:177.9W,0.2,h10km,1km, mb4.8/22, Error ellipse: s-maj=24.8km s-min=6.5km, az=100.0, GCMT 02:02:42:00.7,0.4,31.58S;0.04:177.56W,0.2,h24km,1km, MW4.9/60, Moment Tensor Solution. s23,c28; s60,c78; Duration: 0 Moment tensor: Scale 10^9Nm; Mr:2.43z+21; Mw:0.22z+14; Mb: -2.65z+14; M0:0.52z+21; Mbb:0.93z+19; Mo:0.78z+15; Best double couple: M2:842000.1916; NP1:369.189.000000, s36.000000, 1.78.000000. NP2: 96.24.000000, s55.000000, 1.99.000000. Principal axes: T 2.6110, P1978.0000, Azm326.0000, N 0.4600, P197.0000, Azm198.0000, P 3.0720, P169.0000, Azm107.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like VNA3 Neumayer Olupym, VNA2 Neumayer-Watz, MJAR Matushiro Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like H1N2 WAKE ISLAND Hy 33.35 187, H1N3 WAKE ISLAND Hy 33.36 187, etc.

Table with columns: TRG, TRG, 11nm, 0.8s, 73nm, 0.8s, 4.84 25, eSg, Pmax, Smax, ePn, Pn, 04 31 33.3 +2.3, 04 32 38.2 -2.8, 04 31 33.3 +2.3, 04 32 38.6 -2.9, 04 31 19.9 -1.3, 04 31 33.1 -0.6, 04 32 38.7 +4.9, 04 31 32.0 -1.2, 04 31 51.2 +2.7, 04 32 39.5 -1.0, 04 33 09.3 -5.1, 04 31 34.5 +0.4, 04 31 42.3, 04 32 53.2 +3.6, 04 32 41.1 -0.9, 04 33 12.6 -3.9, 04 31 35.5 +1.3, 04 31 43.2, 04 32 52.1 +2.2, 04 33 12.0 -4.9, 04 33 58.1 -0.1, 04 33 22.2 +7.0, 04 33 45.3 +0.6, 04 31 54.6, 04 32 06.9 +4.1, 04 33 00.2 -1.0, 04 33 36.9 -4.5, 04 32 04.2 +0.6, 04 34 19.2 -6.4, 04 32 07.4 +0.2, 04 32 36.4 +5.7, 04 34 26.2 -7.7, 04 34 44.3 -8.1, 04 32 23.5 +0.7, 04 32 32.4, 04 32 50.6, 04 32 57.2, 04 35 01.2 +5.2, 04 33 33.0 +0.7, 04 33 57.1 -1.2, 04 34 58.5 +2.7, 04 34 57.6 +1.9, 04 31 14.7 -1.3, 04 31 45.6 +0.1, 04 31 14.2 +1.1, 04 31 44.3 +0.8, 04 31 13.9 +0.8, 04 32 28.8, 04 31 28.5 -2.2, 04 31 37.0 -2.1, 04 32 23.3 -1.5, 04 31 31.4 -1.3, 04 31 40.7 -0.9, 04 32 28.9 -0.2, 04 31 33.7 -0.5, 04 31 42.8 -0.7, 04 32 33.1 +0.9, 04 31 48.3 +0.5, 04 32 34.5 +0.4, 04 31 35.1 -0.7, 04 31 45.1 -0.3, 04 32 37.3 +0.2, 04 31 48.3 +0.5, 04 32 41.5 +2.0, 04 31 36.8 -0.9, 04 31 47.0 -0.8, 04 32 40.3 +0.8, 04 31 48.3 +0.5, 04 32 42.0 +0.6, 04 32 50.4 +2.8, 04 31 41.8 -0.1

Table with columns: FFNB, Stepnoy Dvoret, 4.60 21, ePn, Pn, 04 31 52.5 -0.6, 04 32 50.2 +1.8, 04 31 53.0 -0.2, 04 32 51.4 +2.8, 04 31 44.7 -0.9, 04 31 56.8 -0.8, 04 32 58.3 +2.4, 04 31 48.8 -0.7, 04 32 02.0 -0.5, 04 33 06.7 +2.4, 04 33 08.0 +3.5, 04 32 04.3 -0.1, 04 33 09.3 +1.8, 04 32 02.1 +0.5, 04 32 20.4 +2.9, 04 33 38.5 -7.1, 04 32 22.6 +1.3, 04 33 41.6 +5.5, 04 32 03.7 -1.0, 04 32 22.5 +1.2, 04 33 42.0 +6.0, 04 32 29.8 +2.1, 04 33 54.0 +7.2, 04 32 14.6 -0.5, 04 32 37.2 +3.0, 04 34 07.2 +9.4, 04 32 33.2 -0.9, 04 34 48.9 +1.1, 04 34 55.9 -1.4, 04 34 04.7 -0.1, 04 34 26.8 -1.0, 04 35 17.9 +4.3, 04 34 04.1 -0.2, 04 34 08.0 +0.2, 04 34 19.0 +0.2, 04 34 22.6 +0.6, 04 34 25.9 +0.2, 04 34 28.1 +0.2, 04 34 30.3 +0.2, 04 34 32.5 +0.2, 04 34 34.7 +0.2, 04 34 36.9 +0.2, 04 34 39.1 +0.2, 04 34 41.3 +0.2, 04 34 43.5 +0.2, 04 34 45.7 +0.2, 04 34 47.9 +0.2, 04 34 50.1 +0.2, 04 34 52.3 +0.2, 04 34 54.5 +0.2, 04 34 56.7 +0.2, 04 34 58.9 +0.2, 04 35 01.1 +0.2, 04 35 03.3 +0.2, 04 35 05.5 +0.2, 04 35 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Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like CYTL Yalikoy Yolu, CTKS Kestanelik-??a, SOH Sokhos, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like ICOR Ion Corvin, OHR Ohid, BRDR BURDUR-Merkez, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like INTR Introdacqua, CRES Cresnev, KWP Kalwaria Pacla, etc.

ADC 02 04:50:08.9±2.5, 25°10'Sx179°79'E, h499km, 28km, mb3.2/5, mb1 3.7/6, mb1mx3.2/22, mbtmtp4.2/6, Error ellipse: s-maj=40.5km s-min=17.1km az=163.0 NEIC 02 04:50:09.7±2.0, 25°25'Sx179.7E±0.1, h501km, 8km, mb4.2/16, Error ellipse: s-maj=19.1km s-min=11.1km az=218.0 ISC 02 04:50:09.8±0.6, 25°06'Sx179.72E±0.1, h500km, n77, α157/86, mb4.0/14, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like U40A, FNO, T47A, U38A, S51A, M57A, etc.

NEIC 02 06:04:51.0:1.7, 33.71:37.1:0.09:178.2W:0.1, h10km, mb3.4/5, Error ellipse: s-maj=22.9km s-min=9.1km az=53.0

IDC 02 06:04:51.4:2.4, 33.52:35.178:55W, h0km, mb4.2/3, Error ellipse: s-maj=42.2km az=132.0

ISC 02 06:04:51.7:1.2, 33.71:37.1:0.09:178.2W:0.2, h10km, n36, s-maj=27.3km s-min=14.6km az=92.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MXZ, PKGZ, HAZ, PUZ, etc.

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

IDC 02 06:14:12.0:1.1, 52.79:57.265E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.7/24, mbtmp3.9/4, MS3.3/1, Ms1 3.3/1, ms1mx2.7/25, Error ellipse: s-maj=39.3km s-min=29.0km az=70.0

IDC 02 06:14:13.0:1.1, 52.83:58.0:2x27.7E:0.3, h13km, n9, s1941:9, mb3.7/3, South of Africa

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

IDC 02 06:32:57.8:1.8, 61.15:129.65E, h0km, mb3.6/2, mb1 3.6/4, mb1mx3.5/21, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=133.5km s-min=29.1km az=71.0, Banda Sea

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

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

IDC 02 07:11:05.3:8.1, 3.61S, 100.47W, h0km, mb3.4/5, mb1 3.8/5, mb1mx3.5/32, mbtmp3.4/5, Error ellipse: s-maj=25.3km s-min=17.6km az=70.0, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H03N2, H03N1, etc.

IDC 02 07:14:12.4:8.1, 2.88S, 99.73W, h0km, mb3.4/5, mb1 3.8/5, mb1mx3.6/32, mbtmp3.4/5, MS3.7/6, Ms1 3.7/6, ms1mx3.3/17, Error ellipse: s-maj=25.2km s-min=17.1km az=66.0, Southwest of Galapagos Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPIG, TXAR, H03N2, etc.

IDC 02 07:20:19.6:2.6, 5.82N, 126.31E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.4/55, mbtmp3.5/4, Error ellipse: s-maj=26.2km s-min=22.6km az=66.0

ISC 02 07:20:19.1:1.7, 6.1N:0.3, 126.9E:0.3, h10km, n5, s098/5, mb3.5/4, 1D, Mindanao

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

BGR 02 07:20:42.0:2.0, 19.99S:170.44E, h210km, BUI 02 07:20:42.5:0.0, 19.19S:169.80E, h205km, mb5.0/33, mb4.9/48

IDC 02 07:20:46.3:0.8, 7.56S:169.53E, h228km, mb4.4/27, mb1 4.5/28, mb1mx4.3/49, mbtmp4.9/28, Error ellipse: s-maj=13.0km s-min=9.2km az=133.0

NOU 02 07:20:47.1, 19.50S:169.41E, h224km, mb4.8, Vanuatu Islands

NEIC 02 07:20:47.0:1.4, 19.48S:169.40E, h233km, mb4.9/170, Error ellipse: s-maj=12.3km s-min=11.1km az=118.0

CMGT 02 07:20:49.0:4.0, 19.37S:169.29E:0.03, h214km, s3km, MW5.0/63, Moment Tensor Solution. Scale 10^14Nm; Duration: 0 Moment tensor. Scale 10^14Nm; Ms1 1.7:2.0; Ms2 3.5:6.1; Ms3 9.5:15; Ms4 6.7:21; Ms5 1.0:7.1; Best double couple: M3.90700x10^16 Np1:3.85400, P1:65.0000, Az:71.0000; N: 0.1060, P:232.0000, Az:159.0000; P: -3.9600, P1:3.0000, Az:285.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

axes: T Plg29.5232°, Azm15.9981°; N Plg55.2396°, Azm160.6855°; P Plg16.6649°, Azm276.2381°; Vanuatu Islands

Code	Station Name	A°	AZ°	Phase ID	Time	Res
DVP	Deviils Point	2.18 326	P	Pn	07 21 29.0	-3.5
MARN	Mare, Loyalty	2.33 215	P	Pn	07 21 30.2	-3.7
VATN	Miamie plateau,	3.45 233	P	Pn	07 21 42.5	-3.4
PINC	Pines Island,	3.57 211	P	Pn	07 21 45.1	-2.0
OENEC	Ouen Island, N	3.75 220	P	Pn	07 21 45.7	-1.7
DZM	Mont Dzumac	3.76 228	P	Pn	07 21 47.8	-1.7
DZM	18nm,0.3s,baz=63,slow=17,SNR=96		S	S	07 22 35.2	-2.8
DZM	25nm,0.3s,baz=328,slow=21,SNR=8.1		S	S	07 21 33.3	
DZM	Mont Dzumac	3.76 228	eLR	LR	07 21 33.3	
DZM	comp=Z,21m,25.1s					
DZM	Mont Dzumac	3.76 228	Pn	Pn	07 21 46.5	-2.9
SANVU	Saraoutou	4.62 332	P	Pn	07 21 55.5	-4.1
SANVU	Saraoutou	4.62 332	P	Pn	07 21 57.7	-1.9
MSVF	Nonsavu	8.35 79	P	Pn	07 22 45.9	-0.3
LHI	Lord Howe Isla	15.14 216	P	Pn	07 24 11.0	+0.8
LHI	Lord Howe Isla	15.14 216	P	Pn	07 24 11.5	+1.3
OZU	Omahuta	16.02 168	P	Pn	07 24 21.3	+0.7
OZU	comp=Z,43nm,1.2s		IAMB	IAMB	07 24 33.3	
EIDS	Eidsvoild	17.93 248	P	Pn	07 24 42.1	-1.0
EIDS	comp=Z,56nm,1.1s		IAMB	IAMB	07 24 43.3	
ARMA	Armidale	19.41 233	P	P	07 24 56.2	0.0
URZ	Urewera	19.79 162	P	P	07 25 00.5	+0.5
BKZ	Black Swamp Fm	20.46 164	P	P	07 25 07.7	+0.4
CTAO	Charters Tower	21.83 265	P	P	07 25 21.4	+0.5
PMG	Port Moresby	23.80 292	P	P	07 25 39.8	+0.9
CAN	Canberra	29.93 225	P	P	07 25 41.0	+1.1
CAN	comp=Z,23nm,0.8s		IAMB	IAMB	07 25 41.9	
COEN	Coen	25.75 278	P	P	07 25 55.9	-0.7
TOO	Toolengong	27.53 224	P	P	07 26 13.4	+1.2
STKA	Strehlen Creek	27.85 338	P	P	07 26 16.1	+1.1
STKA	comp=Z,23nm,0.7s,baz=68,slow=3,SNR=62		P	P		
STKA	Stephens Creek	27.85 338	P	P	07 26 15.7	+0.7
BBOO	Buckleboob	32.59 239	P	P	07 26 57.0	+0.3
BBOO	comp=Z,29nm,0.8s		IAMB	IAMB	07 26 58.2	
WRO	Warramunga Arr	32.82 263	P	P	07 26 58.5	-0.3
WRO	comp=Z,27nm,1.1s		IAMB	IAMB	07 26 59.2	
WBO	Warramunga Arr	32.98 264	P	P	07 26 59.9	-0.3
WBO	comp=Z,24nm,0.7s		IAMB	IAMB	07 27 00.6	
WB2	Warramunga Arr	33.00 263	P	P	07 26 59.5	-0.9
WB2	comp=Z,37nm,1.2s		IAMB	IAMB	07 27 01.0	
WRAB	Tennant Creek	33.00 263	P	P	07 26 58.3	-2.1
WRAB	comp=Z,38nm,1.4s		IAMB	IAMB	07 27 01.0	
WRA	Warramunga Arr	33.01 263	P	P	07 27 00.0	-0.4
WRA	comp=Z,11nm,0.5s,baz=94,slow=8.4,SNR=69		P	P	07 27 47.3	-1.7
WRA	comp=Z,2.8nm,0.8s,baz=95,slow=8.4,SNR=2.0		PP	PP	07 28 25.5	+4.7
WRA	comp=Z,3.5nm,0.9s,baz=94,slow=10.0,SNR=3.2		PP	PP	07 29 38.3	+0.2
WRA	comp=Z,2.8nm,0.6s,baz=94,slow=3.1,SNR=7.3		S	S	07 31 58.9	-1.5
WRA	comp=Z,2.4nm,0.9s,baz=94,slow=19.3,SNR=6.9		S	S	07 33 02.1	+3.7
WRA	comp=Z,1.7nm,0.9s,baz=84,slow=3.6,SNR=4.6		ScP	ScP	07 26 59.2	-1.3
AS31	Alice Springs	33.24 256	P	P	07 27 02.5	0.0
ASAR	Alice Springs	33.25 256	P	P	07 27 02.7	+0.2
ASAR	comp=Z,110nm,0.6s,baz=84,slow=9.2,SNR=1694		PcP	PcP	07 29 38.8	0.0
ASAR	comp=Z,2.8nm,0.8s,baz=106,slow=3.2,SNR=5.3		S	S	07 32 03.7	-0.2
ASAR	comp=Z,2.7nm,0.9s,baz=78,slow=16,SNR=8.3		ScP	ScP	07 33 02.5	+3.4
ASAR	comp=Z,3.3nm,0.7s,baz=100,slow=4.0,SNR=14		ScP	ScP	07 27 01.8	-0.7
ASAR	Alice Springs	33.25 256	P	P	07 27 37.0	-0.3
MTN	Manton Dam	37.34 274	P	P	07 27 38.5	
MTN	comp=Z,19nm,0.5s		IAMB	IAMB	07 28 11.7	+0.9
FITZ	Fitzroy Crossi	41.41 265	P	P	07 28 11.2	+0.4
FITZ	comp=Z,17nm,0.7s,baz=105,slow=6.2,SNR=31		P	P	07 28 50.5	+0.6
FITZ	Fitzroy Crossi	41.41 265	P	P	07 28 50.5	+0.6
PSA0	Pilbara Seismi	46.33 259	P	P	07 28 48.9	-1.0
PSA0	Pilbara Seismi	46.33 259	P	P	07 28 49.9	-1.0
PSA0	comp=Z,7.5nm,0.8s		IAMB	IAMB	07 29 04.4	+0.1
NWAO	Narrogin (SRO)	48.25 243	P	P	07 29 04.5	+0.1
NWAO	comp=Z,14nm,0.7s,baz=92,slow=7.4,SNR=5.8		P	P	07 29 12.4	+0.4
NWAO	Narrogin (SRO)	48.25 243	P	P	07 29 12.4	+0.4
GIRL	Giralala	51.37 256	P	P	07 29 29.6	+1.6
KHU	Kahuku	51.58 44	P	P	07 29 29.4	-0.4
KHU	comp=Z,55nm,1.2s		IAMB	IAMB	07 29 40.5	
VNDA	Vanda	58.12 182	P	P	07 30 15.8	+0.4
VNDA	comp=Z,2.4nm,0.8s,baz=344,slow=15,SNR=1.6		P	P	07 30 16.0	+0.6
VNDA	Vanda	58.12 182	P	P	07 30 28.4	+0.6
CASY	Casey	59.91 204	P	P	07 30 35.4	+0.5
JCW	Kunigami	61.97 318	P	P	07 30 49.4	-0.3
JCW	comp=Z,17nm,0.9s,baz=130,slow=9.1,SNR=5.4		P	P	07 30 46.3	-0.8
MJAR	Matsushiro Arr	62.73 332	P	P	07 30 49.4	-0.3
MJAR	comp=Z,16nm,0.8s,baz=168,slow=6.9,SNR=16		P	P	07 30 49.7	0.0
MJAR	Matsushiro Arr	62.73 332	P	P	07 30 49.7	0.0
MAJO	Matsushiro	63.13 332	P	P	07 30 50.7	
MAT	Matsushiro	63.13 332	P	P	07 30 49.5	-0.2
SSLB	Suangling	63.96 310	P	P	07 30 54.6	-0.8
SSLB	comp=Z,24nm,0.7s		IAMB	IAMB	07 30 55.7	
JNU	Nakatsue	64.04 324	P	P	07 30 55.8	+0.1
JNU	comp=Z,16nm,0.9s,baz=232,SNR=7.5		P	P	07 30 55.7	-0.1
JNU	Nakatsue	64.04 324	P	P	07 30 55.7	-0.1
JNU	comp=Z,38nm,1.1s		IAMB	IAMB	07 30 56.4	-0.7
YHNB	Yeheng	64.21 311	P	P	07 30 59.4	
YHNB	comp=Z,37nm,1.1s		IAMB	IAMB	07 30 58.2	+0.8
JHS	Saijiyo	64.30 327	P	P	07 30 58.2	+0.8
JSD	Sado	64.36 333	P	P	07 30 58.8	+1.2
JTM	Temabayashi	65.56 337	P	P	07 31 06.0	+0.6
JKA	Kamikawa-asahi	67.97 319	P	P	07 31 21.8	+1.4
KRSR	Korea Array	68.88 326	P	P	07 31 27.2	+1.1
QSPA	South Pole Qui	70.50 180	P	P	07 31 36.8	+1.0
NJ2	Nanjing	70.58 316	eP	P	07 31 37.6	+1.0
NJ2	comp=Z,18nm,0.5s		pmx	pmx	07 31 45.8	+0.7
SMY	Shemya	72.10 3	P	P	07 31 46.8	+1.4
USA0B	Ussuriysk Arr	72.11 333	P	P	07 31 47.6	
USA0B	comp=Z,32nm,1.1s		IAMB	IAMB	07 31 46.4	+0.9
USRK	Ussuriysk Arr	72.11 333	P	P	07 31 45.4	-0.2
ADK	Adak	72.16 9	P	P	07 31 45.4	-0.2
WHN	Wuhan	72.71 312	↑P	P	07 31 50.3	+1.0
WHN	comp=Z,60nm,1.0s		pmx	pmx	07 31 49.6	-0.1
ATKA	Atka Island	72.87 10	P	P	07 31 50.6	+0.9
PET	Petropavlovsk	72.88 353	P	P	07 31 51.8	+0.8
PEAOB	Petropavlovsk	72.88 353	P	P	07 31 51.8	+0.8
PEAOB	comp=Z,56nm,1.4s		IAMB	IAMB	07 31 51.6	+0.7
PETK	Petropavlovsk	73.08 353	P	P	07 31 51.6	+0.7
MDJ	Mudanjiang	73.50 331	P	P	07 31 54.5	+0.9
MDJ	comp=Z,25nm,1.2s		pmx	pmx	07 32 00.2	+0.2
NIKH	Nikolski High	74.64 13	P	P	07 32 01.8	+0.5
CN2	Changchun	74.84 329	eP	P	07 32 01.8	+0.5
CN2	comp=Z,40nm,0.8s		pmx	pmx	07 32 07.0	-0.6
UNV	Unalaska Valle	75.98 14	P	P	07 32 10.9	+1.4
GVA	Gyalgask	76.17 305	↑P	P	07 32 10.9	+1.4
GVA	comp=Z,280nm,5.9s		pmx	pmx		

KLR	Kul'dur	76.24 336	P	P	07 32 10.2	+1.0
UTHA	Uthaitani	77.17 292	P	P	07 32 18.0	+3.0
BJI	Beitaji	77.31 321	P	P	07 32 16.2	+0.9
XAN	comp=Z,16nm,1.1s		pmx	pmx		
XAN	Xi'an	78.47 312	P	P	07 32 23.0	+1.0
XAN	comp=Z,30nm,0.9s		pmx	pmx		
XAN	comp=Z,68nm,3.6s		LR	LR		
XAN	comp=Z,310nm,15.2s		LR	LR		
XAN	comp=Z,200nm,14.3s		LR	LR		
XAN	comp=Z,560nm,15.0s		LR	LR		
KMI	Kumming	78.61 302	↑P	P	07 32 25.1	+2.0
KMI	comp=Z,24nm,0.8s		pmx	pmx		
CM04	Chiang Mai Arr	78.76 294	P	P	07 32 25.6	+2.3
CM09	Chiang Mai Arr	78.76 294	P	P	07 32 25.6	+2.7
CM01	Chiang Mai Arr	78.79 294	P	P	07 32 25.6	+2.6
CM05	Chiang Mai Arr	78.79 294	P	P	07 32 26.0	+2.0
CM02	Chiang Mai Arr	78.81 294	P	P	07 32 26.6	+2.5
CMAR	Chiang Mai Arr	78.82 294	P	P	07 32 26.1	+2.0
CMAR	comp=Z,6.4nm,0.8s,baz=130,slow=3.9,SNR=24		P	P	07 33 19.6	-3.1
CMAR	comp=Z,0.7nm,0.2s,baz=103,slow=4.1,SNR=1.4		P	P	07 32 26.0	+1.8
CM15	Chiang Mai Arr	78.83 294	P	P	07 32 26.6	+2.5
CM13	Chiang Mai Arr	78.83 294	P	P	07 32 25.8	+0.9
CM33	Chiang Mai Arr	78.97 295	P	P	07 32 26.0	+1.1
CHGN	Chignik	80.28 18	P	P	07 32 31.3	+0.2
CHGN	comp=Z,29nm,0.9s		IAMB	IAMB	07 32 32.9	
HHC	Hu-ho-hao-te	80.59 319	eP	P	07 32 34.5	+1.2
HHC	comp=Z,28nm,1.1s		pmx	pmx		
HHC	comp=Z,150nm,5.2s		pmx	pmx		
SH	Shiknak Island	81.76 19	P	P	07 32 40.0	+1.1
SELA	Selatan	81.76 19	P	P	07 32 39.2	+0.5
OHAK	Old Harbor	82.59 19	P	P	07 32 43.6	+0.5
LZH	Lanzhou	83.09 312	↑P	P	07 32 48.4	+1.9
LZH	comp=Z,28nm,1.3s		pmx	pmx		
KDAK	Kodiak Island	83.27 19	P	P	07 32 46.8	+0.2
KDAK	comp=Z,25nm,0.8s,baz=283,slow=2.3,SNR=16		P	P	07 32 47.1	+0.6
KDAK	Kodiak Island	83.27 19	P	P	07 32 48.1	
KDAK	comp=Z,30nm,1.0s		IAMB	IAMB	07 32 48.1	
KDAK	Seyman	83.31 352	P	P	07 32 46.9	+0.1
GAMB	Gambell	84.36 8	P	P	07 32 52.5	+0.5

SHPR	Sheep Range	90.31	51	P	P	07 33 22.1 +0.7
SHPR	comp-Z, 8.5nm, 0.9s				Iamb	07 33 23.1
LONG	Longmire	90.37	40	P	P	07 33 21.7 +0.4
LONG	comp-Z, 8.2nm, 0.8s				Iamb	07 33 22.2
WVOR	Wild Horse Val	90.40	45	P	P	07 33 22.2 +0.7
D05A	Enunclum	90.47	39	P	P	07 33 23.1 +1.5
IL31	IL31	90.48	17	P	P	07 33 19.7 -1.2
ILAR	Eielson Array	90.48	17	P	P	07 33 19.6 -1.6
ILAR	comp-Z, 4.4nm, 0.8s, baz=234, slow=4.9, SNR=39					
ILAR	Eielson Array	90.48	17	P	P	07 33 19.8 -1.4
I07A	Izee	90.57	43	Iamb	Iamb	07 33 24.3
HSIG	comp-Z, 16nm, 0.9s					
W13A	Hualapai Mount	90.69	53	P	P	07 33 24.1 +0.8
W13A	comp-Z, 8.0nm, 0.8s				Iamb	07 33 24.8
HYT	Haines Junction	90.71	23	P	P	07 33 22.2 -0.4
HYT	comp-Z, 13nm, 0.9s				Iamb	07 33 23.1
BCAR	Beaver Creek A	90.76	20	P	P	07 33 21.8 -0.8
PR1A	Patrol Range	90.76	50	P	P	07 33 24.2 +0.8
R11A	Troy Canyon, C	90.76	49	P	P	07 33 23.8 +0.4
R11A	comp-Z, 246, SNR=14					
A04D	Troy Canyon, C	90.76	49	P	P	07 33 23.5 +0.1
A04D	Lurmi Island	90.79	38	P	P	07 33 24.0 +1.0
B05A	Bryant	90.93	38	P	P	07 33 24.7 +1.1
TLY	Talaya	91.14	325	P	P	07 33 24.8 +0.2
TLY	comp-Z, 8.2nm, 0.7s, baz=180, slow=3.3, SNR=18					
TLY	Talaya	91.14	325	P	P	07 33 24.8 +0.2
TLY	comp-Z, 8.2nm, 0.7s, baz=180, slow=3.3, SNR=18				Iamb	07 33 25.9
LTY	Liberty	91.30	40	P	P	07 33 25.8 +0.3
G08A	Pilot Rock	91.46	42	Iamb	Iamb	07 33 28.0
E07A	Sunnyside	91.47	41	Iamb	Iamb	07 33 29.1
COLD	Coldfoot	91.53	15	P	P	07 33 26.6 +0.5
WHY	Whitehorse	91.59	24	Iamb	Iamb	07 33 27.1
HAWA	Hanford	91.60	41	P	P	07 33 27.9 +1.1
HAWA	comp-Z, 13nm, 0.9s				Iamb	07 33 29.8
ELK	Elko	91.99	47	P	P	07 33 29.6 +0.5
TUC	Tucson	92.01	56	P	P	07 33 30.4 +1.2
TUC	baz=248					
TUC	Tucson	92.01	56	P	P	07 33 30.4 +1.2
TUC	comp-Z, 16nm, 1.0s				Iamb	07 33 31.6
CCUT	Cedar City	92.05	51	P	P	07 33 30.6 +1.1
PSUT	Pine Spring	92.08	19	P	P	07 33 29.9 +0.3
EGAK	Eagle	92.16	19	Iamb	Iamb	07 33 28.6 -0.4
EGAK	comp-Z, 10nm, 1.0s				Iamb	07 33 31.7
DLBC	Dease Lake	92.23	27	P	P	07 33 28.9 -0.7
DLBC	comp-Z, 13nm, 0.9s, baz=212, slow=5.4, SNR=11					
DLBC	Dease Lake	92.23	27	P	P	07 33 29.9 +0.3
DLBC	comp-Z, 10nm, 1.0s				Iamb	07 33 32.1
KNB	Kanab	92.24	52	P	P	07 33 31.5 +1.2
D06A	Wolfman Farm	92.27	40	Iamb	Iamb	07 33 32.2
X16A	Lo Mia Camp, P	92.29	54	P	P	07 33 30.9 +0.3
X16A	comp-Z, 11nm, 1.0s				Iamb	07 33 32.9
U15A	North Rim	92.41	52	P	P	07 33 32.1 +0.9
U15A	comp-Z, 19nm, 1.1s				Iamb	07 33 34.5
MFID	Camas Ranch	92.68	45	Iamb	Iamb	07 33 33.6
WUAZ	Wupatki	92.75	53	P	P	07 33 33.8 +1.1
WUAZ	comp-Z, 6.8nm, 0.8s				Iamb	07 33 33.7
WUAZ	Wupatki	92.75	53	P	P	07 33 33.7 +1.1
WUAZ	comp-Z, 11nm, 0.9s				Iamb	07 33 34.8
TOLK	Toolk Lake Re	92.80	14	P	P	07 33 32.0 +0.1
319A	Douglas	92.86	58	P	P	07 33 33.5 +0.3
MTPU	Mount Pierson	93.10	51	P	P	07 33 34.3 -0.1
TCRU	Three Creeks R	93.12	50	P	P	07 33 34.7 +0.3
MVU	Maryvale	93.25	50	P	P	07 33 35.7 +0.7
DUG	Dugway, Tooele	93.47	49	P	P	07 33 36.0 +0.1
HLID	Hailey	93.69	45	P	P	07 33 37.4 +0.6
HLID	baz=246					
HLID	Hailey	93.69	45	P	P	07 33 36.6 -0.2
W18A	Petrified Fore	93.85	54	P	P	07 33 38.3 +0.6
NLU	North Lily Min	93.90	49	P	P	07 33 38.3 +0.4
TCRU	Hansel Valley	94.10	47	P	P	07 33 38.6 -0.1
121A	Cookes Peak, D	94.46	57	P	P	07 33 41.1 +0.5
JLU	Jordanlee	94.59	49	P	P	07 33 41.4 +0.3
EPYK	Eagle Plains	94.60	19	P	P	07 33 40.0 -0.2
EPYK	comp-Z, 12nm, 0.9s				Iamb	07 33 40.8
SRU	San Rafael Swe	94.70	50	P	P	07 33 40.9 -0.7
TCUT	Toone Canyon	94.81	48	P	P	07 33 41.2 -0.9
PV04	Paradox Valley	95.63	51	Iamb	Iamb	07 34 05.7
PV01	Paradox Valley	95.79	52	P	P	07 33 47.8 +1.1
MNTX	Cornudas Mount	96.10	59	P	P	07 33 48.2 +0.3
MNTX	baz=251					
MNTX	Cornudas Mount	96.10	59	P	P	07 33 47.8 -0.1
ANMO	Albuquerque	96.32	55	P	P	07 33 49.1 +0.1
ANMO	comp-Z, 0.9nm, 0.7s, baz=208, slow=7.2, SNR=4.7					
ANMO	Albuquerque	96.32	55	P	P	07 33 49.1 +0.1
ANMO	baz=251					
H17A	Grant Village	96.56	45	P	P	07 33 50.9 +0.9
BW06	Boulder Array	96.69	47	P	P	07 33 50.4 -0.2
PDAR	Pinedale Array	96.69	47	P	P	07 33 50.1 -0.4
PDAR	comp-Z, 0.5nm, 0.5s, baz=208, slow=4.4, SNR=7.2					
PDAR	Pinedale Array	96.69	47	P	P	07 33 47.3 -1.8
PDAR	comp-Z, 0.3nm, 0.7s, baz=250, slow=4.4, SNR=4.4					
QD0A	Pinedale Array	96.69	47	P	P	07 33 46.8 -3.7
QD0A	White River Ci	96.71	50	P	P	07 33 50.8 +0.1
TX31	Lajitas Ar. Si	96.74	61	P	P	07 33 50.8 -0.2
TX31	comp-Z, 9.8nm, 0.9s				Iamb	07 33 52.8
TX32	Lajitas Array	96.74	61	P	P	07 33 50.9 -0.1
TXAR	Lajitas Array	96.74	61	P	P	07 33 52.0 +1.1
TXAR	comp-Z, 1.6nm, 0.8s, baz=226, slow=6.5, SNR=12					
TXAR	Lajitas Array	96.74	61	P	P	07 33 51.4 +0.5
INK	Inuvik	96.78	18	P	P	07 33 49.1 -0.9
INK	comp-Z, 5.0nm, 1.0s, baz=224, slow=6.6, SNR=9.6					
INK	Inuvik	96.78	18	P	P	07 33 48.9 -1.1
INK	comp-Z, 9.3nm, 1.1s				Iamb	07 33 50.2
W22A	4UR Ranch, Cre	96.95	53	P	P	07 33 52.1 +0.1
SMA	Urumqi	97.57	314	eP	Pdf	07 33 55.6 +1.3
WMQ	comp-Z, 12nm, 0.9s				pmax	
WMQ	comp-Z, 4.5nm, 4.9s				pmax	
MSTX	Muleshoe	98.50	57	P	Pdf	07 34 00.5 -0.1
AMTX	Amarillo	100.03	57	P	Pdf	07 34 05.6 +0.1
AMTX	baz=253					
YKA	Yellowknife Ar	100.26	27	P	Pdf	07 34 08.4 0.0
YKA	comp-Z, 1.9nm, 0.8s, baz=250, slow=4.1, SNR=21					
MKAR	Mt Kanachi Array	117.24	315	P	Pdf	07 34 15.7 -1.8
MKAR	comp-Z, 0.3nm, 0.8s, baz=254, slow=6.9, SNR=3.6					
MKAR	Mt Kanachi Array	117.24	315	P	Pdf	07 34 15.7 +1.8
MKAR	comp-Z, 1.7nm, 0.8s, baz=96, slow=6.7, SNR=11					
MKAR	PKIKP					
ZALV	Zalesovo Beam	102.49	323	P	Pdf	07 34 15.5 -0.4
ZALV	comp-Z, 1.1nm, 0.6s, baz=113, slow=3.9, SNR=8.3					
ZALV	Zalesovo Beam	102.49	323	P	Pdf	07 34 14.2 -1.7
ZALV	Borovoye Array	110.79	320	PKIKP	PKIKP	07 38 51.1 -0.1
ABKAR	Abkutak Array	117.24	316	P	Pdf	07 39 03.6 -0.1
ABKAR	comp-Z, 0.7nm, 0.4s, baz=46, slow=6.4, SNR=4.4					
ABKAR	Abkutak Array	117.24	316	P	Pdf	07 39 04.2 0.0
ABKAR	comp-Z, 6.1nm, 0.5s, baz=117, slow=1.6, SNR=28					
N54A	Moraine State	117.51	53	P	PKPpdf	07 39 04.5 -0.8
N54A	baz=268					

M54A	Oil Creek Stat	118.18	53	P	PKPpdf	07 39 05.0 -0.8
GEYT	Alibek	118.36	303	PKP	PKIKP	07 39 06.2 -0.1
GEYT	comp-Z, 2.7nm, 0.7s, baz=29, slow=3.4, SNR=5.2					
AKYT	Alibek	118.36	303	PKP	PKPpdf	07 39 05.5 -0.8
AKYT	Aktubinsk	118.44	317	PKP	PKPpdf	07 39 05.8 -0.2
AKYT	comp-Z, 3.9nm, 0.6s, baz=55, slow=2.6, SNR=14					
Q56A	Snyder Ridge,	118.44	56	P	PKIKP	07 39 07.1 +0.7
N56A	West Decatur	119.19	53	P	PKPpdf	07 39 06.3 -1.5
S58A	Poland Farm, P	119.26	57	P	PKPpdf	07 39 06.5 -1.4
M56A	Emporium	119.29	53	P	PKPpdf	07 39 07.1 -0.8
ALGO	Algonquin Park	119.58	48	P	PKPpdf	07 39 06.3 -1.5
MATQ	Matagami	119.43	43	P	PKPpdf	07 39 06.8 -1.1
LSQA	Lebel-sur-Quev	119.91	44	P	PKPpdf	07 39 07.3 -1.6
LSQA	baz=274					
L57A	Andrews Acres	120.29	52	P	PKPpdf	07 39 09.2 -0.7
B05A	Boshof	120.92	217	PKP	PKPpdf	07 39 11.2 -0.5
B05A	comp-Z, 0.7nm, 0.5s, baz=161, slow=18, SNR=1.0					
L58A	Harry Jones Me	121.03	52	P	PKPpdf	07 39 10.2 -1.0
D55A	Sainte-Anne-du	121.07	46	P	PKPpdf	07 39 09.6 -1.6
I57A	Carthage	121.12	50	P	PKPpdf	07 39 10.3 -1.1
D56A	Zed Mazanza, M	121.56	46	P	PKPpdf	07 39 10.8 -1.4
I58A	Old Forge	121.63	50	P	PKPpdf	07 39 11.0 -1.0
L0NY	Lake Ozonia	121.86	49	P	PKPpdf	07 39 11.1 -1.7
J59A	Piesco	121.98	50	P	PKPpdf	07 39 11.7 -1.4
J59A	baz=273					
I57A	Chemin Saint G	122.03	47	P	PKPpdf	07 39 11.9 -1.2
K57A	Kirov	122.06	328	PKP	PKPpdf	07 39 11.9 -0.8
K57A	comp-Z, 1.3nm, 0.6s, baz=114, slow=3.2, SNR=5.4					
G58A	Ormsdown	122.40	48	P	PKPpdf	07 39 12.6 -0.8
E58A	La Victoria	122.64	47	P	PKPpdf	07 39 13.3 -0.9
D58A	Chemin du Lac	122.83	46	P	PKPpdf	07 39 13.3 -1.3
I60A	Shoreham	122.83	50	P	PKPpdf	07 39 13.5 -1.1
D59A	Saint-Raymond	123.55	46	P	PKPpdf	07 39 14.9 -1.0
F60A	Warwick	123.59	47	P	PKPpdf	07 39 15.3 -0.7
E60A	Ste Agathe de	123.90	47	P	PKPpdf	07 39 15.2 -1.4
M61A	Gales Ferry	123.90	53	P	PKPpdf	07 39 15.8 -0.9

GYA	comp-Z,2750nm,14.4s	LR	LR						
SLVN	Son La	21.01 293	P	P	07 52 10.7 -0.2				
JCJ	Chichijima	21.05 49	LR	LR	08 00 12.4				
ENH	Enshi	21.42 322	P	Iamb	07 52 16.2 +1.1				
ENH	comp-Z,26nm,0.9s				07 52 33.2				
CHAI	Chaiyaphum	21.91 278	P	P	07 52 24.7 +4.3				
EDFI	Ende, Flores	22.68 187	P	P	07 52 30.2 +1.4				
JAY	Jayapura	22.85 134	LR	LR	08 00 22.1				
KMMI	Kalianget	23.32 207	P	P	07 52 38.5 +3.2				
KMI	Kunming	23.36 302	↑P	↑P	07 52 37.3 +1.4				
KMI	Hachiojima	23.63 33	SP	SP	07 52 47.0 +7.3				
KMI	comp-Z,154nm,18.8s				07 52 51.6 +1.3				
KMI	comp-Z,178nm,1.1s				07 53 10.1 +8.1				
KMI	comp-Z,178nm,1.1s				07 56 41.9 -7.3				
KMI	comp-Z,22nm,1.1s				07 56 59.2 +5.0				
KMI	comp-Z,150nm,3.5s								
KMI	comp-Z,370nm,14.8s								
KMI	comp-Z,390nm,19.5s								
KMI	comp-Z,550nm,17.6s								
KMI	Kunming	23.36 302	P	Iamb	07 52 37.7 +1.7				
UTTA	Utataridit	23.41 283	P	P	07 52 38.0 +1.9				
SOEI	Soe	23.50 181	P	Iamb	07 52 37.7 +0.5				
SOEI	comp-Z,35nm,1.1s				07 53 00.9				
PLAI	Piampang	23.56 197	P	P	07 52 39.2 +1.5				
JHJ	Hachiojima	23.63 33	LR	LR	08 00 25.1				
JHJ	comp-Z,307nm,21.9s								
KSAR	Wonu Array Be	23.63 7	P	P	07 52 38.0 -0.2				
KSRS	Korea Array	23.65 7	P	P	07 52 39.0 +0.7				
KSRS	comp-Z,1.0nm,0.5s,baz=188,slow=8.6,SNR=5.7				08 01 58.4				
KSRS	comp-Z,207nm,18.9s,baz=192,slow=37								
TWSI	Taliwang, Sumb	23.75 199	P	P	07 52 40.9 +1.4				
WSI	Waingapu	23.80 190	P	P	07 52 54.9 +1.5				
BATI	Baumata	23.97 182	LR	LR	08 03 03.0				
BATI	comp-Z,172nm,21.3s,baz=349,slow=39								
SUKH	Sukhothai	24.26 282	P	P	07 52 47.0 +2.7				
PAYA	Payao	24.26 286	P	P	07 52 44.0 -0.4				
PAYA	comp-Z,4umcomp-Z,384nm,0.9s								
LAMP	Lampang	24.36 284	P	P	07 52 52.2 +6.9				
JAGI	Jajag, Banyuwu	24.51 206	P	Iamb	07 52 46.4 -0.3				
JAGI	comp-Z,42nm,1.2s				07 52 59.6				
JAGI	Jajag, Banyuwu	24.51 206	P	P	07 52 47.6 +1.0				
XAN	Xi'an	24.56 327	pP	pP	07 52 46.8 -0.2				
XAN	comp-Z,26nm,1.1s				07 52 53.4 +2.5				
XAN	comp-Z,14nm,0.9s								
CM09	Chiang Mai Arr	24.96 284	P	P	07 52 51.0 +0.3				
CM04	Chiang Mai Arr	24.96 284	P	P	07 52 51.0 +0.2				
CM05	Chiang Mai Arr	25.00 284	P	P	07 52 52.0 +1.0				
CM02	Chiang Mai Arr	25.04 284	P	P	07 52 52.0 +1.0				
CM31	Chiang Mai Arr	25.01 284	P	P	07 52 53.3 +2.2				
CM31	Chiang Mai Arr	25.01 284	P	Iamb	07 52 51.1 0.0				
CMAR	Chiang Mai Arr	25.01 284	P	P	07 52 51.2 +0.1				
CMAR	comp-Z,16nm,1.0s,baz=95,slow=7.6,SNR=40								
CMAR	comp-Z,1.3nm,0.3s,baz=48,slow=1.3,SNR=5.2				08 03 10.3				
CMAR	Chiang Mai Arr	25.01 284	P	P	07 52 50.2 -1.0				
CM13	Chiang Mai Arr	25.04 284	P	P	07 52 51.0 -0.4				
CMMT	Chiang Mai	25.04 285	P	P	07 52 51.2 -0.3				
CHTO	Chiang Mai	25.05 286	P	P	07 52 50.6 -0.9				
CD2	Chengdu	25.54 315	P	P	07 52 56.5 +0.6				
CD2	comp-Z,50nm,0.8s				07 57 22.6 -1.1				
CD2	comp-Z,660nm,16.7s								
CD2	comp-Z,560nm,19.1s								
MJAR	Matsushiro Arr	25.64 26	LR	LR	08 02 10.7				
MJAR	comp-Z,251nm,19.1s,baz=225,slow=35								
MDSI	Maura Dua	27.25 229	P	P	07 53 11.5 0.0				
MTN	Monte Dam	27.36 166	P	P	07 53 12.8 +0.5				
PSI	Prapat	27.62 249	LR	LR	08 04 39.8				
LZH	Lanzhou	28.87 324	↑P	↑P	07 53 28.5 +2.6				
LZH	comp-Z,237nm,19.8s,baz=89,slow=37				07 53 36.8 +6.9				
LZH	comp-Z,237nm,19.8s				07 53 43.5 +1.5				
LZH	comp-Z,237nm,19.8s				07 58 18.6 +2.3				
LZH	comp-Z,13nm,1.0s				07 58 30.4 +9.1				
LZH	comp-Z,82nm,8.1s								
LZH	comp-Z,370nm,16.8s								
LZH	comp-Z,330nm,15.2s								
HHC	Hu-ho-hao-te	29.15 339	eP	pmax	07 53 30.6 +2.3				
HHC	comp-Z,8.0nm,1.1s								
HHC	comp-Z,140nm,5.3s								
CN2	Changchun	29.81 1	eP	pmax	07 53 28.1 -5.8				
CN2	comp-Z,10.0nm,0.9s								
USA0B	Ussuriysk Arr	30.86 10	P	Iamb	07 53 43.4 +0.3				
USA0B	comp-Z,15nm,0.9s				07 53 51.9				
USRK	Ussuriysk Ar.	30.86 10	P	P	07 53 43.8 +0.6				
USRK	comp-Z,4.0nm,0.8s,baz=189,slow=7.0,SNR=8.2								
USRK	Ussuriysk Ar.	30.86 10	P	P	07 53 44.2 +1.0				
FITZ	Fitzroy Crossi	31.82 176	P	P	07 53 51.1 -0.8				
SHL	Shillong	32.75 296	P	P	07 54 00.4 -0.2				
GTA	Gaotai	33.47 324	↑P	↑P	07 54 06.7 +0.3				
GTA	comp-Z,2.0nm,1.2s				07 54 16.3 +5.9				
GTA	comp-Z,77nm,5.1s				07 54 20.5 +1.1				
GTA	comp-Z,150nm,15.6s								
GTA	comp-Z,180nm,15.3s								
GTA	comp-Z,190nm,16.4s								
LSA	Lhasa	34.62 303	P	pmax	07 54 17.3 +0.4				
LSA	comp-Z,54nm,0.9s								
LSA	Lhasa	34.62 303	P	P	07 54 17.5 +0.6				
WBD	Warramunga Arr	34.83 164	P	P	07 54 17.2 -0.9				
WBD	comp-Z,1.9nm,0.4s,baz=342,slow=9.2,SNR=26				07 54 18.8 -0.7				
WRA	comp-Z,1.2nm,0.6s,baz=342,slow=3.0,SNR=14				07 56 52.0 0.0				
WRA	comp-Z,1.8nm,1.0s,baz=340,slow=1.4,SNR=7.2				07 59 44.2 -7.3				
WRA	Warramunga Arr	34.98 164	P	P	07 54 19.0 -0.5				
WB2	Warramunga Arr	34.98 164	P	Iamb	07 54 19.5 0.0				
WB2	comp-Z,19nm,1.5s				07 54 32.3				

WRO	Warramunga Arr	35.05 164	P	P	07 54 20.4 +0.3				
PSA00	Pilbara Seismi	35.56 188	P	P	07 54 23.5 -0.9				
KLR	Kul'dur	35.72 8	P	P	07 54 24.9 -0.7				
TAPN	Tapejung	36.84 297	eP	P	07 54 36.7 +0.9				
ULN	Ulanbatar	36.86 340	P	Iamb	07 54 35.9 +0.4				
ULN	comp-Z,22nm,1.2s				07 54 47.0				
SOMN	Somping Array	37.05 340	P	P	07 54 36.1 -1.0				
SOMN	comp-Z,2.2nm,0.6s,baz=156,slow=9.0,SNR=15								
AS31	Alice Springs	37.05 340	P	P	07 54 37.0 -0.1				
ASAR	Alice Springs	38.44 166	P	P	07 54 49.4 +0.4				
ASAR	comp-Z,5.8nm,0.4s,baz=349,slow=7.3,SNR=107				07 54 49.5 +0.6				
ASAR	comp-Z,1.1nm,0.5s,baz=347,slow=3.6,SNR=2.9								
ASAR	comp-Z,1.9nm,0.8s,baz=353,slow=3.0,SNR=9.7				08 00 39.4 -4.9				
ASAR	Alice Springs	38.44 166	eP	P	07 54 48.9 0.0				
GUN	Gumba	38.55 297	eP	P	07 54 50.8 +0.4				
PKI	Pulchoki	38.88 297	eP	P	07 54 52.9 -0.2				
PKIN	Phulchoki	38.90 297	eP	P	07 54 52.7 -0.5				
DMN	Daman	39.16 297	eP	P	07 54 55.3 0.0				
GKN	Gorkha	39.65 297	eP	P	07 54 59.1 -0.2				
DANN	Dangsing	40.48 297	eP	P	07 55 06.2 -0.1				
KOLN	Koldanda	40.50 297	eP	P	07 55 06.5 +0.1				
H1S3	WAKE ISLAND Hy	40.65 78	T	T	08 38 36.5				
H1S1	WAKE ISLAND Hy	40.66 78	T	T	08 38 27.5				
H1S2	WAKE ISLAND Hy	40.66 78	T	T	08 38 31.2				
H1N1	WAKE ISLAND Hy	40.85 76	T	T	08 38 44.6				
H1N2	WAKE ISLAND Hy	40.86 76	T	T	08 38 49.2				
H1N3	WAKE ISLAND Hy	40.87 76	T	T	08 38 46.1				
WMQ	Urumqi	43.36 321	eP	P	07 55 31.1 +1.7				
WMQ	comp-Z,16nm,0.9s				07 55 39.2 +5.8				
WMQ	comp-Z,200nm,4.9s				07 55 46.5 +1.4				
WMQ	comp-Z,370nm,17.1s								
WMQ	comp-Z,330nm,17.9s								
WMQ	comp-Z,140nm,17.1s								
MORW	Morawa	43.50 191	P	Iamb	07 55 30.1 -0.4				
MORW	comp-Z,29nm,1.4s				07 55 54.3				
FORT	Forrest	44.55 176	P	P	07 55 37.9 -1.0				
EIDS	Eidsvold	46.82 146	P	Iamb	07 55 58.6 +1.6				
EIDS	comp-Z,9.6nm,0.8s				07 56 05.4				
ZSN	Zaisan	46.96 324	eP	P	07 55 58.0 0.0				
NWA0	Narrogin (SRO)	47.09 188	P	P	07 55 59.4 +0.4				
PETK	Petrovskoye	47.10 27	P	P	07 55 57.7 -0.2				
PETK	comp-Z,7.7nm,1.0s,baz=193,slow=4.6,SNR=3.6								
PETK	Petrovskoye	47.10 27	P	P	07 55 59.8 +0.9				
BBOO	Buckleboo	47.13 167	P	P	07 56 04.4 +0.4				
MK31	Makanchi Array	47.15 322	P	Iamb	07 56 07.0 -0.2				
MK31	comp-Z,5.3nm,0.8s				07 56 16.4				
MKAR	Makanchi Array	48.15 322	P	P	07 56 07.7 +0.5				
MKAR	comp-Z,5.2nm,0.9s,baz=116,slow=8.4,SNR=30								
MKAR	Makanchi Array	48.15 322	P	LR	07 56 07.2 0.0				
YAK	Yakutsk	48.20 3	LR	LR	08 17 13.5				
MAKZ	Makanchi	48.32 322	P	P	07 56 09.7 +1.0				
STKA	Stephens Creek	48.36 161	P	P	07 56 10.0 +1.1				
STKA	comp-Z,13nm,0.8s,baz=352,slow=6.8,SNR=17								
SHLS	Shalkode	48.37 316	eP	P	07 56 10.4 +1.5				
SHLS	comp-Z,5.1nm,0.8s,baz=316				07 56 07.4 -1.6				
KPKY	Kokpek	49.01 316	eP	P	07 56 14.0 0.0				
SATY	Satyk	49.05 316	eP	P	07 56 14.8 +0.5				
KSH	Kashi	49.60 310	P	pP	07				

8h7.53000°, λ-170.61000°, NP2b:55.67000°, δ80.62000°, λ-2.51000°. Principal axes: T 1.1516, P1g5.0000°, Azm281.0000°, N-0.1142, P1g8.0000°, Azm161.0000°; P-1.0374, P1g8.0000°, Azm11.0000°;
 NEIC 02 08:25:48.5-1.5, 1.54S:0.07:145.21E:0.05, h14km, 1km, mb5.8/256, MS 20.5, 6.5/94, Mw6.0/47, Mw5.9, Mw6.0(GCMT) Error ellipse: s-maj=11.5km s-min=9.3km sz=186.0
 MOS 02 08:25:48.6-1.0, 1.50S:145.15E, h24km, mb5.8/93, MS5.5/26, Error ellipse: s-maj=6.6km s-min=4.3km sz=112.4
 DJA 02 08:25:49.1-0.2, 2.3S:14.0E, h10km, M5.8/74, mb6.2/65, mb5.7/74, MLv6.1/6, Mw(MB)5.8/65, Mw(Mw)6.3/39, Mw6.5/39
 GCMT 02 08:25:52.0-1.1, 1.47S:145.18E, h16km, Mw6.0/165, Moment Tensor Solution. s150,c317; s165,c528; Duration: 2s3 Moment tensor: Scale 10¹⁸Nm; M=0.21±0.1; M_{xx}=-0.70±0.1; M_{yy}=0.91±0.1; M_{zz}=-0.30±0.2; M_{xy}=0.42±0.1; M_{xz}=0.40±0.2; Best double couple: M₀₁0.58000×10¹⁸ NP1.055700000°, δ60.00000°, λ-10.00000°. NP2b:152.00000°, δ81.00000°, λ-149.00000°. Principal axes: T 1.1050, P1g14.0000°, Azm281.0000°, N-0.0920, P1g58.0000°, Azm166.0000°; P-1.0120, P1g8.0000°, Azm19.0000°. nst1a refers to body waves, cutoff=40s. nst2a refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function
 NEIC 02 08:25:53.1, 1.48S:145.20E, h16km, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; M=0.22; M_{xx}=-0.74; M_{yy}=0.96; M_{zz}=-0.36; M_{xy}=0.44; M_{xz}=0.29; Fault plane solution: M₀₁0.80000×10¹⁸ NP1.055700000°, δ64.00000°, λ-14.00000°. NP2b:152.00000°, δ78.00000°, λ-154.00000°. Principal axes: T 1.0990, P1g9.0000°, Azm282.0000°, N-0.0353, P1g61.0000°, Azm175.0000°; P-1.0637, P1g7.0000°, Azm16.0000°;
 NEIC 02 08:25:56.1, 1.94S:145.02E, h20km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; M=1.41; M_{xx}=-6.29; M_{yy}=7.70; M_{zz}=-3.70; M_{xy}=3.70; M_{xz}=0.56; Fault plane solution: M₀₁8.40000×10¹⁷ NP1.055700000°, δ70.00000°, λ-162.00000°. NP2b:56.00000°, δ73.00000°, λ-20.00000°. Principal axes: T 8.6333, P1g2.0000°, Azm104.0000°; N 0.4019, P1g4.0000°, Azm199.0000°; P-9.0352, P1g26.0000°, Azm13.0000°;
 ISC 02 08:25:51.3-0.2, 1.58S:145.32E:0.03, h34km, n1258, c1955/1075, mb5.7/287, MS5.6/376, 14C-38D, Admiralty

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
MANU	Manus Island	2.10	103	Pn	08 26 22.8	-1.3
JAY	Jayapura	4.70	259	Pn	08 26 57.7	-2.2
JAY	190nm, 0.3s, baz=74, slow=15, SNR=214			Sn	08 27 51.6	-1.7
JAY	128nm, 0.3s, baz=300, slow=14, SNR=4.9			LR	08 28 27.7	
JAY	comp-Z, 48μm, 18.7s, baz=46, slow=35			Pn	08 26 56.8	-3.1
GENI	Jayapura	4.70	259	P	08 27 05.5	-1.8
GENI	25nm 149um52um4um, 1.2s			Sn		
SMPI	Sarmi	6.61	266	P	08 27 25.2	-1.0
SMPI	6.7nm88um25um2um, 1.4s			Pn	08 27 29.5	-1.7
WAMI	Wamena	6.98	251	P	08 27 38.1	+2.3
WAMI	14nm8um29um3um, 1.1s			Pn	08 27 38.8	+3.0
RABL	Rabaul	7.31	111	Pn	08 27 38.8	+3.0
RABL	Rabaul	7.31	111	Pn	08 27 46.0	+1.0
PMG	Port Moresby	7.99	167	Pn	08 30 53.8	
PMG	18nm, 0.3s, baz=342, slow=7.9, SNR=56			LR		
PMG	comp-Z, 35μm, 18.7s, baz=348, slow=38			Pn	08 27 45.7	+0.7
PMG	Port Moresby	7.99	167	Pn	08 27 46.6	+1.6
MMPI	Mirauke	8.42	216	P	08 27 52.1	+1.1
MMPI	24um19um738nm, 0.7s			Pn		
SRPI	Serui, Papua	9.07	268	P	08 27 59.9	-0.1
SRPI	56km 13um714nm, 1.2s			Pn	08 28 01.8	-0.1
BAKI	Bakia	9.21	272	P	08 28 48.5	+2.0
BAKI	59um22um1um, 1.2s			Pn	08 28 52.9	-2.6
COEN	Coen	12.48	190	Pn	08 28 54.5	-0.9
FAKI	Fak Fak	13.12	264	Pn	08 29 06.7	-1.6
FAKI	Fak Fak	13.12	264	Pn	08 29 06.4	-2.0
SWI	Sorong	14.02	273	P	08 29 06.8	-1.6
SWI	comp-Z, 451nm, 1.0s			Pn	08 29 21.4	-0.6
GUMO	Guam	15.08	358	P	08 34 36.6	
GUMO	comp-Z, 8.3nm, 0.3s, baz=174, slow=3.6, SNR=4.3			Pn	08 29 18.3	-3.7
GUMO	Guam	15.08	358	P	08 29 18.3	-3.7
GUMO	comp-Z, 706nm, 1.1s			Pn	08 29 28.8	
GUMO	Guam	15.08	358	P	08 29 22.2	+0.2
SAUI	Saumlaki	15.34	245	Pn	08 29 24.5	-0.9
SAUI	Saumlaki	15.34	245	Pn	08 29 26.0	-0.6
PATS	Pohnpei	15.44	57	P	08 29 27.0	-1.0
PATS	comp-Z, 15μm, comp-Z, 14μm, comp-Z, 1μm, 1.0s			Pn	08 29 29.2	-0.4
BNDI	Bandanaira	15.44	57	Pn	08 29 39.4	-0.5
BNDI	comp-Z, 28μm, comp-Z, 20μm, comp-Z, 927nm, 1.5s			Pn	08 29 40.4	+0.3
MSAI	Masohi	16.46	264	P	08 29 41.8	-0.9
MSAI	comp-Z, 3μm, comp-Z, 140nm, 1.3s			Pn	08 29 58.7	-0.1
MTSU	Mount Surprise	16.48	183	P	08 29 58.7	-0.1
HNR	Honiara	16.51	119	Pn	08 29 58.7	-0.1
HNR	comp-Z, 15nm, 0.3s, baz=331, slow=7.5, SNR=1.5			IAMB		
HNR	Honiara	16.51	119	Pn	08 29 58.7	-0.1
HNR	comp-Z, 994nm, 1.1s			IAMB		
KDU	Kakadu	16.84	228	P	08 29 58.7	-0.1
KDU	comp-Z, 17, SNR=31			Pn	08 29 58.7	-0.1
MTN	Manton Dam	17.96	231	P	08 29 58.7	-0.1
MTN	comp-Z, 18, SNR=16			Pn	08 29 58.1	-0.4
MTN	Manton Dam	17.96	231	P	08 29 58.1	-0.4
MTN	comp-Z, 732nm, 1.4s			IAMB		
TNTI	Ternate	18.10	277	P	08 29 58.7	-1.5
TNTI	comp-Z, 774nm, 1.3s			IAMB		
TNTI	Ternate	18.10	277	P	08 29 59.5	-0.7
TNTI	comp-Z, 15μm, comp-Z, 10μm, comp-Z, 477nm, 1.6s			Pn	08 30 01.6	-0.7
NLAI	Namlea	18.27	264	P	08 30 05.0	+0.9
CTAO	Charters Tower	18.41	177	P	08 30 05.0	+0.9
CTAO	comp-Z, 383nm, 1.2s			Pmax		
CTAO	Charters Tower	18.41	177	P	08 30 05.0	+0.9
SANI	Sanana	19.32	268	P	08 30 11.7	-2.1
SANI	comp-Z, 24μm, comp-Z, 294nm, 2.1s			Pn		
QIS	Mount Isa	19.67	196	P	08 30 17.9	+0.4
QIS	comp-Z, 20, SNR=167			Pn		
SGSI	Sangihe	20.46	285	P	08 30 25.5	-0.7
SGSI	comp-Z, 6μm, comp-Z, 456nm, 0.7s			Pn		
MNI	Manado	20.69	278	P	08 30 26.9	-1.9
MNI	comp-Z, 656nm, 1.7s			Pmax		
MATI	Mati	20.82	294	eP	08 30 30.7	+0.6
WBO	Warramunga Arr	21.16	210	P	08 30 31.1	-0.9
DMPP	Don Marcelino	21.16	210	eP	08 30 32.8	+0.6
WR0	Warramunga Arr	21.16	210	P	08 30 32.4	-0.5
WRAB	Tennant Creek	21.16	210	dIP	08 30 33.0	-0.7
WRAB	comp-Z, 536nm, 0.9s			Pmax		
WRAB	comp-Z, 9μm, 15.0s			MLR		
WRAB	Tennant Creek	21.16	210	P	08 30 33.1	-0.6
WR2	Warramunga Arr	21.16	210	P	08 30 33.2	-0.6
WR2	Warramunga Arr	21.16	210	P	08 30 33.5	-0.3
WRA	comp-Z, 314nm, 0.7s, baz=33, slow=18, SNR=507			S	08 34 22.4	-5.2
WRA	comp-Z, 14nm, 1.3s, baz=20, slow=18, SNR=1.2			LR	08 38 45.1	

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
H11N3	WAKE ISLAND Hy	29.95	44	T	09 03 26.0	
KKM	Kota Kinabalu	30.03	285	P	08 31 56.4	-1.1
KKM	comp-Z, 288nm, 0.8s			IAMB		
SMPP	San Manuel, Pa	30.04	307	eP	08 31 54.0	-3.4
STKA	Stephens Creek	30.34	186	P	08 32 00.0	+0.1
STKA	comp-Z, 30, SNR=21			P	08 31 60.0	+0.1
STKA	Stephens Creek	30.34	186	P	08 31 60.0	+0.1
STKA	comp-Z, 17nm, 0.8s, baz=11, slow=8.7, SNR=30			LR	08 45 12.3	
STKA	comp-Z, 12μm, 18.4s, baz=357, slow=38			LR		
STKA	Stephens Creek	30.34	186	P	08 31 59.8	-0.1
MTKI	Miara Teweih, K	30.42	271	P	08 32 07.8	+7.0
GBKI	Garijau	30.50	266	P	08 32 09.6	+8.0
KMMI	Kaliangert	31.71	259	P	08 32 23.7	+1.1
PSAB2	Pilbara Seismi	31.76	229	IAMS_20	08 45 47.7	
JAGI	Jajag, Banyuw	31.77	256	P	08 32 12.7	-0.1
PSAA2	Pilbara Seismi	31.78	229	IAMS_20	08 45 48.1	
PSAA2	comp-Z, 12μm, 19.0s			IAMS_20		
PSAA3	Pilbara Seismi	31.78	229	IAMS_20	08 45 47.9	
PSAA3	comp-Z, 14μm, 19.0s			IAMS_20		
PSA00	Pilbara Seismi	31.78	229	IAMB	08 32 11.6	-1.2
PSA00	comp-Z, 297nm, 1.9s			IAMB	08 32 36.8	
PSA00	Pilbara Seismi	31.78	229	IAMB	08 32 11.0	-1.8
PSA00	comp-Z, 78nm, 1.6s			IAMB	08 32 36.2	
PSAC1	Pilbara Seismi	31.79	230	IAMS_20	08 45 48.4	
PSAA1	Pilbara Seismi	31.79	229	IAMS_20	08 45 48.6	
HAT1	Hallett	32.24	190	P	08 32 17.1	+0.3
BBOO	Buckleboe	32.26	195	P	08 32 16.7	-0.1
BBOO	comp-Z, 32, SNR=25			P		
BBOO	Buckleboe	32.26	195	P	08 32 16.7	-0.1
BBOO	comp-Z, 32, SNR=40			IAMB		
BBOO	Buckleboe	32.26	195	P	08 32 28.1	
BBOO	comp-Z, 105nm, 0.9s			IAMS_20	08 45 44.3	
BBOO	comp-Z, 13μm, 22.0s			IAMS_20		
YNG	Yonaguni	32.67	175	P	08 32 21.8	+1.4
YNG	comp-Z, 33, SNR=12			P		
JOW	Kunigami	32.68	331	P	08 32 20.1	-0.4
JOW	comp-Z, 83nm, 0.7s, baz=152, slow=8.7, SNR=21			LR	08 42 23.3	
FORT	Forrest	33.20	206	P	08 32 26.2	+0.1
FORT	comp-Z, 3μm, 21.2s, baz=154, slow=31			LR		
FORT	Forrest	33.20	206	P	08 32 25.8	-0.3
FORT	comp-Z, 33, SNR=21			IAMS_20	08 47 45.0	
FORT	Forrest	33.20	206	P	08 32 25.4	-1.0
SBUM	Sibu	33.33	277	P	08 32 27.0	+0.6
SBUM	Sibu	33.33	277	P	08 32 30.8	+1.0
CAN	Canberra	33.74	175	P	08 32 30.8	+1.0
CAN	comp-Z, 253nm, 1.5s			Pmax		
CAN	Canberra	33.74	175	P	08 32 30.8	+1.0
CAN	comp-Z, 8μm, 19.0s			IAMB	08 32 38.9	
YOJ	Yonaguni jima	33.75	321	P	08 32 30.1	+0.2
YOJ	comp-Z, 343nm, 1.2s			Pmax		
YOJ	Yonaguni jima	33.75	321	P	08 32 30.1	+0.2
YOJ	comp-Z, 11μm, 18.0s			IAMS_20	08 41 58.9	
CNB	Canberra Magne	33.77	174	P	08 32 31.5	+1.4
CNB	comp-Z, 34, SNR=51			P		
STKI	Sintang	33.87	272	P	08 32 37.6	+6.4
YULB	Yuli	34.10	318	P	08 32 31.1	-1.8
YULB	comp-Z, 9μm, 18.0s			IAMS_20	08 41 16.1	
NACB	Ninganchiao	34.44	319	P	08 32 36.3	+0.4
NACB	comp-Z, 162nm, 1.0s			IAMB	08 32 39.1	
TPUB						

MAJO	comp=Z,2um,17.0s	MLR	MLR						
MAJO	Matsushiro	38.50 351	P	P	08 33 09.7	-0.8			
MAJO	comp=Z,474nm,1.7s	IAmb	IAmb		08 33 10.6				
MAT	Matsushiro	38.50 351	P	P	08 33 08.9	-1.5			
MAT	JTUsushima	38.90 339	P	S	08 39 02.8	-1.1			
MAT	Morawa	39.05 223	P	P	08 33 13.6	-0.2			
MORW	baz=39,SNR=14	39.05 223	P	P	08 33 14.5	-0.6			
MORW	Morawa	39.05 223	P	P	08 33 14.7	-0.5			
MORW	comp=Z,12um,20.0s	IAMS_20	IAMS_20		08 49 15.0				
PPBI	Pangkal Pinang	39.16 269	P	P	08 33 29.1	+1.3			
JMM	Marumori	39.47 354	I	I	08 33 17.7	-0.8			
JMM	comp=Z,415nm,1.7s	I	I		08 33 19.1				
KLBR	Kellerberrin	39.60 218	P	P	08 33 18.8	-0.9			
BLDU	Balidu	39.60 220	P	P	08 33 19.6	-0.1			
BLDU	Guangzhou	39.63 310	P	P	08 33 22.1	+2.1			
GZH	comp=Z,2um,16.1s	PcS	PcS		08 39 17.4	+0.5			
GZH	comp=Z,2um,16.1s	SS	SS		08 39 26.3	+5.2			
GZH	comp=Z,3um,16.3s	LR	LR		08 42 19.2	-0.7			
GZH	comp=Z,2um,16.1s	LR	LR						
SSE	Sheshan	39.78 327	P	P	08 33 20.7	-0.5			
SSE	comp=Z,25nm,1.9s	S	S		08 39 22.4	-0.8			
SSE	comp=Z,400nm,8.6s	pmx	pmx						
SSE	comp=Z,3um,19.8s	LR	LR						
SSE	comp=Z,4um,23.1s	LR	LR						
JSD	Sado	39.96 351	P	P	08 33 22.3	-0.3			
QIZ	Qiongzong	40.42 302	P	P	08 33 26.3	-0.4			
QIZ	comp=Z,590nm,8.6s	S	S		08 39 35.4	+2.2			
QIZ	comp=Z,6um,18.6s	LR	LR						
QIZ	comp=Z,4um,20.6s	LR	LR						
QIZ	comp=Z,5um,39.2s	LR	LR						
KLSI	comp=Z,433nm,comp=Z,9.9nm,1.8s	40.63 265	P	P	08 33 30.4	+1.9			
MUN	Munding	40.83 219	P	P	08 33 29.8	-0.1			
MUN	baz=41,SNR=4.0	40.83 219	P	P					
NWAO	Narogin (SRO)	40.84 217	P	P	08 33 30.4	+0.5			
NWAO	baz=41,SNR=3.7	40.84 217	P	P					
NWAO	Narogin (SRO)	40.84 217	P	P	08 33 29.9	0.0			
NWAO	comp=Z,51nm,1.1s	MLR	MLR						
NWAO	comp=Z,16um,19.0s	MLR	MLR						
NWAO	Narogin (SRO)	40.84 217	P	P	08 33 29.9	0.0			
KASI	Kota Agung	40.92 263	P	P	08 33 30.3	-0.6			
KASI	comp=Z,1um,comp=Z,43nm,1.0s	40.92 263	P	P					
MDSI	Maura Dua	41.17 265	P	P	08 33 31.9	-1.1			
TAU	Tasmania Unive	41.19 178	IAMS_20	IAMS_20	08 53 45.3				
TAU	comp=Z,1um,comp=Z,52nm,1.9s	41.19 178	IAMS_20	IAMS_20					
TJN	Taejon	41.30 338	d/P	P	08 33 33.0	-0.6			
LHSI	Lahat	41.80 266	P	P	08 33 44.4	+6.3			
NJ2	Nanjing	41.80 325	eP	S	08 33 37.6	-0.2			
NJ2	comp=Z,33nm,1.1s	pmx	pmx		08 39 56.5	+3.2			
NJ2	comp=Z,870nm,3.8s	pmx	pmx						
NJ2	comp=Z,5um,23.2s	LR	LR						
NJ2	comp=Z,8um,19.9s	LR	LR						
NJ2	comp=Z,3um,20.8s	LR	LR						
KSR5	Korea Array	42.05 339	P	P	08 33 40.0	+0.2			
KSR5	comp=Z,60nm,0.9s, baz=155,slow=9.8,SNR=176	42.05 339	P	P					
KSR5	comp=Z,9.6nm,1.0s, baz=160,slow=4.5,SNR=48	42.05 339	P	P	08 35 35.2	+0.9			
KSR5	comp=Z,3um,20.7s, baz=162,slow=36	42.05 339	P	P					
KSAR	Wonju Array Be	42.06 339	P	P	08 33 39.3	-0.5			
KSAR	Wonju Array Be	42.06 339	P	P	08 33 39.2	-0.5			
KSAR	Wonju Array Si	42.12 339	P	P	08 33 40.1	-0.2			
JTM	Tenmabayashi	42.35 355	P	P	08 33 42.5	+0.3			
OZU	Omahuta	42.56 145	IAMS_20	IAMS_20	08 49 04.0				
KSI	Kapahiang	42.72 266	P	P	08 33 49.3	+3.6			
UBPT	Khong Chiam	42.82 295	P	P	08 33 48.0	+1.6			
UBPT	comp=Z,55nm,1.0s	42.82 295	P	P					
UBPT	Khong Chiam	42.82 295	P	P	08 33 46.8	+0.5			
WHN	Wuhan	43.48 320	P	S	08 33 53.0	+1.5			
WHN	comp=Z,180nm,1.2s	43.48 320	P	S	08 40 22.7	+4.7			
WHN	comp=Z,3um,4.0s	pmx	pmx						
WHN	comp=Z,9um,16.0s	LR	LR						
WHN	comp=Z,9um,14.1s	LR	LR						
WHN	comp=Z,11um,29.8s	LR	LR						
SDSI	Sungai Dareh	43.88 270	P	P	08 33 54.1	-0.9			
SDSI	comp=Z,2um,comp=Z,79nm,2.2s	43.88 270	P	P					
AFI	Afiamu	44.15 108	IAMS_20	IAMS_20	08 53 01.6				
AFI	comp=Z,6um,18.0s	44.15 108	IAMS_20	IAMS_20					
BKNI	Bangkinang	44.31 272	P	P	08 34 13.7	+1.5			
JEW	Eniwo	44.36 356	P	P	08 33 58.7	+0.4			
IPM	Ipooh	44.66 278	P	P	08 34 01.0	-0.3			
IPM	Ipooh	44.66 278	P	P	08 34 01.0	-0.3			
PDSI	Padang	44.85 270	P	P	08 34 18.3	+1.6			
KULM	Kulim	45.13 279	P	P	08 34 04.5	-0.5			
ASAJ	Asahikawa	45.56 357	P	P	08 34 08.5	+0.6			
ASAJ	comp=Z,275nm,1.2s, baz=224,slow=9.1,SNR=19	45.56 357	P	P					
ASAJ	comp=Z,1um,21.2s, baz=178,slow=33	45.56 357	P	P	08 51 02.8				
JKA	Kamikawa-asahi	45.56 357	P	P	08 34 08.6	+0.7			
SRAK	Srakaew	45.59 291	P	P	08 34 05.0	-3.5			
SRAK	comp=Z,5um,comp=Z,385nm,1.4s	45.59 291	P	P					
MSHR	Mlys Shutsa	45.78 345	eP	P	08 34 10.7	+1.1			
MSHR	comp=Z,119nm,1.0s	45.78 345	eP	P					
MSHR	comp=Z,1um,17.0s	45.78 345	eP	P					
MNSI	Manding Nat	45.79 273	P	P	08 34 12.0	+1.8			
DL2	Dalian	45.81 334	P	S	08 34 10.2	+0.3			
DL2	comp=Z,120nm,1.4s	45.81 334	P	S	08 40 51.1	-0.4			
DL2	comp=Z,850nm,5.8s	pmx	pmx		08 41 10.1	+3.0			
DL2	comp=Z,4um,18.0s	LR	LR						
DL2	comp=Z,5um,17.7s	LR	LR						
DL2	comp=Z,3um,21.3s	LR	LR						
TIA	Tai'an	45.86 328	P	P	08 34 09.9	-0.5			
TIA	comp=Z,36nm,1.3s	pmx	pmx		08 40 52.7	+0.2			
TIA	comp=Z,480nm,4.9s	LR	LR						
TIA	comp=Z,6um,16.7s	LR	LR						
TIA	comp=Z,9um,19.8s	LR	LR						
TIA	comp=Z,2um,22.6s	LR	LR						
NONG	Nongkai	45.86 297	P	P	08 34 11.7	+0.9			
QRZ	Quartz Range	46.17 151	P	P	08 34 14.1	+1.3			
QRZ	comp=Z,216nm,1.6s	IAMB	IAMB		08 34 22.2				
CHAI	Chaiyaphum	46.20 294	P	P	08 34 14.2	+0.8			

SISI	Saibi	46.21 270	P	P	08 34 26.7	+1.3			
SLVN	Son La	46.45 302	I	I	08 34 15.3	0.0			
SLVN	comp=Z,180nm,1.7s	46.45 302	I	I	08 34 31.3				
TRTT	Trang	46.45 282	P	P	08 34 14.9	-0.5			
GYA	Guiyang	46.55 310	P	P	08 34 17.6	+1.4			
GYA	comp=Z,133nm,1.0s	46.55 310	P	P	08 34 22.6	-3.3			
GYA	comp=Z,28nm,1.1s	46.55 310	P	P	08 36 08.5	+2.4			
GYA	comp=Z,470nm,4.8s	46.55 310	P	P	08 44 26.3	+3.4			
GYA	comp=Z,3um,16.5s	46.55 310	P	P	08 44 26.3	-3.1			
GYA	comp=Z,1um,16.1s	46.55 310	P	P					
GYA	comp=Z,2um,20.7s	46.55 310	P	P					
KUR	Kuril'sk	46.67	2 eP	P	08 34 15.5	-1.1			
KUR	comp=Z,431nm,1.0s	46.67	2 eP	P					
URZ	Urevera	46.70 145	P	I	08 34 18.9	+1.9			
URZ	comp=Z,115nm,1.5s	46.70 145	P	I	08 34 41.1				
URZ	comp=Z,7um,19.0s	46.70 145	P	I	08 52 02.6				
MXZ	Matakoa Point	46.93 144	IAMS_20	IAMS_20	08 50 33.6				
MXZ	comp=Z,8um,22.0s	46.93 144	IAMS_20	IAMS_20					
BKZ	Black Stump Fm	46.99 147	eP	P	08 34 20.0	+0.6			
TEY	Ternel	47.06 352	eP	P	08 36 17.7	-0.9			
TEY	comp=Z,30nm,1.4s	47.06 352	eP	P	08 41 06.1				
TEY	comp=E,10.0nm,1.0s	47.06 352	eP	P					
TEY	comp=N,30nm,1.2s	47.06 352	eP	P					
THZ	Tophouse	47.08 152	IAMS_20	IAMS_20	08 57 11.3				
THZ	comp=Z,6um,18.0s	47.08 152	IAMS_20	IAMS_20					
USA0B	Ussuriysk Arra	47.11 347	d/P	P	08 34 20.2	+0.1			
USA0B	Ussuriysk Arra	47.11 347	d/P	P	08 34 21.0	+0.9			
USRK	Ussuriysk Ar.	47.11 347	P	P	08 34 20.6	+0.5			
USRK	comp=Z,114nm,0.7s, baz=179,slow=7.3,SNR=162	47.11 347	P	P					
FOZ	Fox Glacier	47.13 156	IAMS_20	IAMS_20	08 55 40.4				
FOZ	comp=Z,5um,18.0s	47.13 156	IAMS_20	IAMS_20					
TUWZ	Tuanarina	47.32 151	P	P	08 34 22.5	+0.7			
SNY	Shenyang	47.49 338	P	P	08 34 22.8	-0.2			
SNY	comp=Z,91nm,2.0s	47.49 338	P	P	08 36 13.8	-1.0			
SNY	comp=Z,3um,14.7s	47.49 338	P	P	08 41 11.9	-3.6			
SNY	comp=Z,2um,16.1s	47.49 338	P	P					
SNY	comp=Z,3um,23.2s	47.49 338	P	P					
BSWZ	Black Birch Sta	47.51 151	P	P	08 34 24.3	+1.1			
PHET	Kaeng Krachan	47.52 289	P	P	08 34 25.6	+1.6			
PHET	comp=Z,1um,comp=Z,153nm,0.9s	47.52 289	P	P					
PHET	Kaeng Krachan	47.56 289	P	P	08 34 24.7	+0.7			
LTZ	Lake Taylor	47.58 153	I	I	08 34 25.0	+1.1			
LTZ	comp=Z,173nm,1.6s	47.58 153	I	I	08 34 32.8				
LTZ	comp=Z,2um,22.0s	47.58 153	I	I	08 53 51.5				
BHW	Baring Head	47.77 150	P	P	08 34 25.1	-0.1			
PKDT	Pokoi	47.79 282	P	P	08 34 25.7	-0.2			
RPZ	Rata Peaks	47.79 155	I	I	08 34 26.6	+1.1			
RPZ	comp=Z,162nm,1.4s	47.79 155	I	I	08 34 49.1				
RPZ	comp=Z,8um,22.0s	47.79 155	I	I	08				

Table with columns: Station, Name, Frequency, Power, Class, and various performance metrics. Includes stations like Rib Lake, KRLC, U38A, etc.

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Table with columns: Station, Name, Frequency, Power, Class, and various performance metrics. Includes stations like MCWV, H57A, M56A, etc.

2d 10h

Table with columns: Station, Time, Res, Az, Phase, ID, Time, Res, Az, Phase, ID. Includes stations like Windy Hill, Hillsdale, L61A, etc.

2015 FEB

Table with columns: S/JG, San Juan, 145.02, 60, PKPbc, 08 45 24.8, -0.7. Includes stations like San Juan, Patillas Dam, Telfor, etc.

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Table with columns: PRZ, baz=57, Przeval'sk, 0.67, 157, 11P, Pg, 10 02 08.7, -7.7. Includes stations like Przeval'sk, KOTs, KOTybulak, etc.

ICC 02 09:06:07.3r.1.0, 35.73N, 140.92E, h0km, mb3.5/7, mb1.3/7.0, mb1mx3.6/34, mbtmp3.5/10, ML3.3, Error ellipse: s-maj=23.3km s-min=18.2km az=94.0

JMA 02 09:06:09.4r.0.1, 35.83N, 140.94E, h15km, 1km, M4.0 JMA Fell II J1.

ISC 02 09:06:09.3r.1.0, 35.81N, 140.93E, 0.06, h15km, 6km, n30, -0.86/29, mb3.5/7, 4C-2D, Near east coast of eastern Honshu

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

ISK 02 10:17:08.2, 39.38N, 39.05E, h5km, ML2.5 DDA 02 10:17:18.9, 39.29N, 38.51E, h8km, 2km, ML1.4

ISC 02 10:17:08.2r.1, 39.4N, 0.1, 39.03E, 0.04, h9km, n6, -0.94/9, Turkey

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

SNET 02 10:38:35.2r.1.1, 14.51N, -89.12W, h15km, 8km, ML3.0 CGC 02 10:38:36.1r.0.8, 14.65N, -89.19W, h12km, 20km, MD3.4

ICC 02 10:38:32.1r.1.6, 14.61N, -89.06W, 89.04W, 0.05, h18km, 11km, n14, -0.59/23, Guatemala

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

KRNET 02 10:01:56.3r.0.1, 42.10N, -77.72E, h7km, mb1.8 NNC 02 10:02:02.8r.0.3, 43.16N, -78.06E, h0km, mpv2.6, Error ellipse: s-maj=3.7km s-min=7.1km az=178.0

SOME 02 10:02:03.7, 43.13N, -78.07E, h5km ISC 02 10:02:03.8, 43.10N, -78.04E, 0.02, h10km, n29, -0.176/58, 6C, Lake Issyk-Kul region

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

ISK 02 10:17:08.2, 39.38N, 39.05E, h5km, ML2.5 DDA 02 10:17:18.9, 39.29N, 38.51E, h8km, 2km, ML1.4

ISC 02 10:17:08.2r.1, 39.4N, 0.1, 39.03E, 0.04, h9km, n6, -0.94/9, Turkey

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

SNET 02 10:38:35.2r.1.1, 14.51N, -89.12W, h15km, 8km, ML3.0 CGC 02 10:38:36.1r.0.8, 14.65N, -89.19W, h12km, 20km, MD3.4

ICC 02 10:38:32.1r.1.6, 14.61N, -89.06W, 89.04W, 0.05, h18km, 11km, n14, -0.59/23, Guatemala

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

KRNET 02 10:01:56.3r.0.1, 42.10N, -77.72E, h7km, mb1.8 NNC 02 10:02:02.8r.0.3, 43.16N, -78.06E, h0km, mpv2.6, Error ellipse: s-maj=3.7km s-min=7.1km az=178.0

SOME 02 10:02:03.7, 43.13N, -78.07E, h5km ISC 02 10:02:03.8, 43.10N, -78.04E, 0.02, h10km, n29, -0.176/58, 6C, Lake Issyk-Kul region

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

BUJ 02 10:49:46.1r.0.0, 32.55S, -67.10W, h160km, mb6.0/65 VAO 02 10:49:47.2r.0.3, 32.66S, -67.13W, h15km, 2km, mb6.1

Solution. Moment tensor: Scale 10¹⁸Nm; Mr0.54; Mw=0.20; Mw=0.33; Mw=2.70; Mw=4.8; Mw=1.30; Fault plane solution: M3.32000,1018 NP1.3227.19000, 388.49000, 1.87.55000, NP2.3115.56000, 82.87000, 1.148.33000. Principal axes: T: 3.6244, Plg46.0000, Azm145.0000; N: -0.7344, Plg2.0000, Azm237.0000; P: -2.8900, Plg43.0000, Azm330.0000.

NEIC 02 10:49:48.5.2.0.32.725:0.06:67.12W,0.09,1172km,1km, mb6.2/615, Mw6.3/49, Mw6.3/28, Mw6.3/28, Md6.2(SJA), Mw6.3(GCMT) Error ellipse: s-maj=13.3km s-min=9.4km sz=27.0

MOS 02 10:49:48.0.9.32.42S:67.26W,1182km,mb6.1/41, Error ellipse: s-maj=9.5km s-min=6.4km az=88.9, Plg46.0000, Azm313.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

PLCA comp=Z.5.2nm,0.3s,baz=12,slow=12,SNR=568 P3K(Pbc) 11 28 51.0

PLCA comp=Z.0.0nm,0.3s,baz=238,slow=5.4,SNR=9.9 11 28 51.0

PLCA comp=Z.0.0nm,0.3s,baz=159,slow=9.1,SNR=104 11 28 51.0

PLCA comp=Z.2.9nm,0.3s,baz=189,slow=18,SNR=1.3 11 28 51.0

PLCA comp=Z.2.9nm,0.3s,baz=302,slow=23,SNR=3.4 11 28 51.0

PLCA comp=Z.999nm,1.0s,baz=224,slow=9.9,SNR=137 11 28 51.0

PLCA comp=Z.159nm,0.9s,baz=219,slow=9.3,SNR=5.5 11 28 51.0

PLCA comp=Z.82nm,1.0s,baz=111,slow=17,SNR=1.3 11 28 51.0

PLCA comp=Z.11nm,0.8s,baz=319,slow=20,SNR=1.1 11 28 51.0

PLCA comp=Z.12nm,0.8s,baz=319,slow=20,SNR=1.1 11 28 51.0

PLCA comp=Z.41nm,1.1s,baz=1.4,slow=6.6,SNR=4.7 11 28 51.0

VA05		eS	Sn	10 51 29.0 -5.0
VA05		eS	Sn	10 50 49.2 -0.1
GO04	Tololo Observa	3.98 307	/P	10 51 27.3 -9.4
GO04		3.98 307	Pn	10 50 49.5 +0.2
GO04	Vinchina	4.00 347	eP	10 50 50.3 +0.7
VCA	Vinchina	4.00 347	eP	10 50 50.7 +1.1
VCA		eS	Sn	10 51 35.9 -1.4
CYA	Choyo	4.35 16	eP	10 50 53.7 -0.2
CYA		eS	Sn	10 51 38.6 -6.5
BO03	Pichilemu	4.42 2441	eP	10 50 51.4 -3.2
AC05	El Transito	4.66 347	eP	10 50 59.4 +1.5
BO05	El Transito	4.66 324	eP	10 50 59.3 +0.1
LCO	Las Campanas	4.74 319	P	10 50 59.3 +0.1
LCO	Las Campanas	4.74 319	Pn	10 51 06.6 -1.0
BI02	San Fabin de	5.25 219	Pn	10 51 09.2 -0.6
AC04	Llanos de Chal	5.58 312	eP	10 51 17.6 +1.2
AC04	Llanos de Chal	5.58 312	Pn	10 51 11.5 0.0
GO03	Copiapi	5.70 331	Pn	10 51 17.6 +1.2
AC02	Maricunga	6.04 343	Pn	10 51 14.8 -1.4
AHML	Horcio Molle	6.05 16	eS	10 52 21.1 -4.0
AHML		eS	Sn	10 50 36.6

comp=Z.8um,1.6s				
BI03	Tigo	9.39 228	Pn	10 51 16.1 -4.3
AC01	Pan de Azucar	7.14 334	Pn	10 51 29.7 -0.8
LC01	Cunco	7.32 310	Pn	10 51 30.1 -2.6
LP1	La Plata	8.00 109	eP	10 50 52.8 -2.4
LP1		eS	Sn	10 52 13.5
LP1		S	Sn	10 53 07.3 -7.5
BP14	IPOC Station P	8.49 340	Pn	10 51 47.4 -1.1
PLCA	Paso Flores	8.52 198	P	10 51 47.7 -0.8

PLCA	Paso Flores	8.52 198	P	10 51 47.5 -1.1
PLCA	Paso Flores	8.52 198	eP	10 51 47.5 -1.1
IT0B	Itaqui	9.49 75	eP	10 51 59.9 -1.6
II4CL	ROBINSON CRUSO	9.82 261	i	11 37 20.0
HO3N1	baz=81,slow=323,SNR=0.5			
Juan Fernandez	9.92 262	P	10 52 05.1 -1.5	
baz=125,slow=22,SNR=4702				
Juan Fernandez	9.92 262	P	10 52 05.1 -1.7	
baz=125,slow=22,SNR=5486				
Juan Fernandez	9.92 260	P	10 52 04.3 -2.4	
HO3S3	Juan Fernandez	9.92 260	P	10 52 04.7 -2.0
HO3N2	Juan Fernandez	9.92 262	P	10 52 05.3 -1.4
baz=125,slow=22,SNR=3788				
HO3S2	Juan Fernandez	9.93 260	P	10 52 04.7 -2.2
LVC	Limon Verde	10.12 351	P	10 52 09.5 -0.6
comp=Z.203nm,0.3s,baz=169,slow=9.1,SNR=104				
LVC		S	Sn	10 53 57.1 -5.7

LVC	Limon Verde	10.12 351	Pn	10 52 09.3 -0.8
LVC	Limon Verde	10.12 351	eP	10 52 09.0 -1.1
LL01	San Ignacio de	10.57 202	P	10 52 10.9 -4.5
BP04	IPOC Station P	10.61 345	Pn	10 52 14.3 -2.0
CPUB	Villa Florida	10.62 56	Pn	10 52 13.4 -2.8
comp=Z.15nm,0.3s,baz=234,slow=12,SNR=170				
CPUB		S	Sn	10 54 10.7 -3.5
comp=Z.43nm,0.3s,baz=248,slow=18,SNR=1.1				
CPUB		LR	LR	10 56 54.1
comp=Z.9um,21.7s,baz=300,slow=40				
CPUP		P3K(Pbc)		11 28 37.1
comp=Z.0.1nm,0.3s,baz=212,slow=17,SNR=3.2				
CPUP	Villa Florida	10.62 56	P	10 52 13.3 -2.9
CPUP		pmx	pmx	

comp=Z.1um,1.0s				
BP09	IPOC Station P	10.97 350	Pn	10 52 19.9 -1.0
PLTB	Pedra Alta	11.81 89	eP	10 52 25.5 -2.2
CP5B	Capacapa Do Su	11.91 83	eP	10 52 30.9 -2.0
BP08	IPOC Station P	12.59 351	Pn	10 52 41.2 -0.8
MNMC	Minye Minye	13.64 350	Pn	10 52 54.0 -1.2
ITAB	Concordia	14.09 71	eP	10 52 59.7 -0.9
CNLB	Puerto Alto	15.00 181	P	10 53 02.9 -1.3
PTGB	Pitanga	15.41 63	eP	10 53 17.6 -0.2
AQDB	Aquidauana	15.86 43	eP	10 53 21.9 -0.5
TRCB	Terra Rica	16.16 56	eP	10 53 25.8 -0.2
SIV	San Ignacio	17.48 20	Pn	10 53 41.3 -0.6
comp=Z.99nm,0.3s,baz=212,slow=10,SNR=1094				
SIV		S	S	10 56 52.2 -1.3

comp=Z.2.9nm,0.3s,baz=302,slow=23,SNR=3.4				
PCMB	Pacabaem	17.89 56	eP	10 53 46.1 -0.6
FRTB	Fartura	18.07 64	eP	10 53 47.8 +0.9
FP09	Porte de Pedra	18.63 39	eP	10 53 54.5 -0.9
CP09	Castello	19.00 181	P	10 54 01.8 0.8
SPB	Sao Paulo	19.57 68	P	10 54 03.8 -0.6
SPB	Sao Paulo	19.57 68	P	10 54 04.5 +1.4
ITRB	Iturama	19.80 53	P	10 54 05.6 +0.9
EFI	East Falkland	20.14 163	P	10 54 08.0 -1.0
comp=Z.2um,0.8s				
EFI	East Falkland	20.14 163	P	10 54 07.6 -1.4
BB19B	Bebedouro	20.19 60	eP	10 54 09.9 0.0
VA1	Vaihins	20.24 67	eP	10 54 11.3 +0.9
MLB	Milina	20.49 62	eP	10 54 12.9 +0.6
GO10	Punta Arenas	20.69 187	P	10 54 15.6 +0.7
PARB	Parabuna	21.12 69	eP	10 54 19.9 +0.1
ARAG	Araguaiana, MT	21.87 43	eP	10 54 26.8 -0.8
USHA	Ushuaia	22.02 182	P	10 54 29.3 -1.1
comp=Z.2um,0.9s,baz=11,slow=4.7,SNR=89				
MGO1	Guerto William	22.29 181	P	10 54 29.2 -2.0
NNA	Nana	24.11 334	P	10 54 32.9 0.0
comp=Z.174nm,0.5s,baz=155,slow=13,SNR=88				
NNA		PcP	PcP	10 58 22.7 +1.4
comp=Z.71nm,0.7s,baz=82,slow=7,SNR=4.6				
NNA		24.11 334	P	10 54 33.0 0.0
NNA		pmx	pmx	

comp=Z.860nm,1.1s				
NNA	Nana	22.41 334	P	10 54 32.9 0.0
IBR	Iberia	22.74 54	eP	10 54 36.8 +0.9
ETMB	Extrema	22.74 54	eP	10 54 38.9 +0.2
BSCB	Bom Sucesso	23.05 65	eP	10 54 41.6 0.0
SAML	Samuel	23.87 10	P	10 54 46.1 0.0
comp=Z.2um,1.6s				
SAML	Samuel	23.87 10	P	10 54 46.1 0.0
BDFB	Brasilia	24.25 50	P	10 54 49.6 -0.2
comp=Z.333nm,0.9s,baz=219,slow=9.3,SNR=137				
BDFB		pP	pP	10 55 23.9 +0.1
comp=Z.999nm,1.0s,baz=224,slow=9.9,SNR=137				
BDFB		PcP	PcP	10 58 26.5 +1.2
comp=Z.159nm,0.9s,baz=219,slow=10.1,SNR=5.5				
BDFB		S	S	10 58 52.7 -3.3
comp=Z.82nm,1.0s,baz=111,slow=17,SNR=1.3				
BDFB	Brasilia	24.25 50	P	10 54 49.5 -0.2
BDFB		Iamb	Iamb	10 55 25.1

comp=Z.1um,1.1s				
BDFB	Serra Nova Dou	25.20 39	eP	10 54 58.2 -0.1
CZSB	Cruzeiro do Su	25.33 347	eP	10 54 59.9 +0.5
DIAM	Diamantina, MG	25.49 62	eP	10 55 01.6 +0.6
SJMB	Sao Joao De Ma	27.12 66	eP	10 55 15.7 +0.3
JANB	Januaria	27.16 55	eP	10 55 15.8 -0.1
BSFB	Barra de Sao F	27.31 66	eP	10 55 17.3 +0.2
ATAH	Atahualpa	27.45 335	P	10 55 21.1 +2.2
comp=Z.126nm,0.9s,baz=165,slow=7.3,SNR=126				
ATAH		PcP	PcP	10 58 35.0 +2.0
comp=Z.110nm,0.9s,baz=13,slow=1.8,SNR=5.7				
NPBG	Novo Progresso	27.74 26	eP	10 55 20.7 -0.2
SDBA	SAO DESIDARIO	28.66 50	eP	10 55 29.1 -0.2
SMTE	Smilao	28.89 42	eP	10 55 30.2 +0.1
MACA	Manacapurua-AM	29.95 13	eP	10 55 40.6 +0.1
ITTB	Itaituba	30.10 23	eP	10 55 42.0 +0.2
HOPE	Hope Point	30.63 144	P	10 55 46.0 -0.2
comp=Z.1um,1.6s				
HOPE	Hope Point	30.63 144	P	10 55 46.0 -0.2
HOPE		Iamb	Iamb	10 56 25.4

comp=Z.1um,1.6s				
PRPB	Parauapebas	30.90 35	eP	10 55 48.6 -0.3
PMFB	Pombal	31.00 35	eP	10 56 21.3 -3.2
PMFA	Palmer Station	32.21 178	P	10 56 00.9 +1.2
comp=Z.431nm,0.9s,baz=7.2,slow=8.5,SNR=42				
PMSA		PP	Pn	10 57 11.6 -1.5
comp=Z.192nm,1.2s,baz=347,slow=11,SNR=4.2				
PMSA		PcP	PcP	10 58 46.3 +2.3
comp=Z.61nm,0.8s,baz=139,slow=6.8,SNR=3.2				
PMSA		S	S	11 00 59.2 -0.4
comp=Z.12nm,0.8s,baz=319,slow=20,SNR=1.1				
PMSA		ScP	ScP	11 02 10.9 -0.4
comp=Z.41nm,1.1s,baz=1.4,slow=6.6,SNR=4.7				

PMSA	Palmer Station	32.21 178	P	10 55 59.5 -0.3
PMSA		Iamb	Iamb	10 56 03.8
comp=Z.656nm,1.0s				
PMSA	Palmer Station	32.21 178	eP	10 55 60.0 +0.2
PTGA	Pitinga	32.46 13	P	10 56 02.7 +0.1
PTGA		Iamb	Iamb	10 56 04.3

comp=Z.748nm,1.3s				
PTGA	Pitinga	32.46 13	eP	10 56 02.4 -0.2
MALB	Monte Alegre	32.94 24	eP	10 56 07.2 +0.5
PTI	Perto Leguiza	33.43 346	eP	10 56 07.9 -3.1
OTAV	Otavalo	34.41 340	P	10 56 20.8 +0.9
comp=Z.399nm,1.2s				
OTAV	Otavalo	34.41 340	P	10 56 20.8 +0.9
OTAV		Iamb	Iamb	10 56 25.4

OTAV	Otavalo	34.41 340	eP	10 56 21.3 +1.4
OTAV	Otavalo	34.41 340	eP	10 56 21.6 +0.7
CPAS1	Pasto	35.00 342	eP	10 56 26.9 +0.9
FMAB	Tom-Au-PA,Br	35.03 35	eP	10 56 25.7 +0.2
GCUF	Volcan Galeras	35.04 342	eP	10 56 27.3 +1.9
CCUFI	Cutio, Nario	35.05 342	eP	10 56 28.3 +2.8
MCPB	Macapa, AP	35.13 27	eP	10 56 25.8 +0.2
MACC	Macarena, Meta	35.18 348	eP	10 56 25.3 -0.8
GCARZ	Garzon, Huila	35.53 346	eP	10 56 30.4 +1.0
GOTA	Rioblanco	35.73 344	eP	10 56 34.1 +2.5
PCON	Concepcion de las	35.87 343	eP	10 56 35.4 +0.4
TUMC	Tumaco	35.90 340	eP	10 56 34.8 +1.9
BETC	Betania	36.01 346	eP	10 56 35.3 +2.2
MARP	Paez Belalcaza	36.27 345	eP	10 56 37.0 +1.3
ROSB	Rosrio	36.64 41	eP	10 56 38.4 -0.1
RPN	Rapa Nui	36.81 267	P	10 56 40.6 +0.9
comp=Z.330nm,1.1s,baz=68,slow=3.0,SNR=24				
RPN	Rapa Nui	36.81 267	P	10 56 41.8 +2.0
PTGC	Puerto Gaitan,	36.95 352	eP	10 56 40.3 -0.7
NBPS	Pedro II - PI	36.98 46	eP	10 56 41.6 +0.2

ORTC	Ortega, Tolima	37.16 347	eP	10 57 15.1 -3.3
YOTC	Yotoco, Valle	37.46 345	eP	10 56 45.8 +0.4
CHIC	Chingaza	37.60 349	e	

2d 10h

SKI	Saint Kitts	49.88	6	I	Amb	I	Amb	10 58 25.4
SABA	Saba	50.12	5	I	Amb	I	Amb	10 58 26.7
CDVI	St. Croix	50.17	3	P	P	P	P	10 58 25.4 -1.0
TGUH	Tequicalpa,Un	50.27	334	P	P	P	P	10 58 27.4 0.0
PDPDR	Patillas Dam,	50.39	1	I	Amb	I	Amb	10 58 28.7
SJG	San Juan	50.48	1	P	P	P	P	10 58 27.3 -1.5
SJG	San Juan	50.48	1	P	P	P	P	10 58 27.3 -1.5
SJG	San Juan	50.48	1	eP	P	P	P	10 58 27.7 -1.1
GCPR	Guaynabo City	50.68	1	P	I	Amb	I	10 58 28.2 -2.1
GNPR	comp=Z,577nm,1.1s							
SNET	Serv Nac Est T	50.68	332	I	Amb	I	Amb	10 58 34.0
CUPR	Culebra, Puert	50.70	2	P	I	Amb	I	10 58 28.7 -1.7
CUPR	comp=Z,585nm,1.2s							
AGPR	Aguadilla, PR	50.83	0	P	P	P	P	10 58 30.2 -1.2
AGPR	comp=Z,460nm,1.1s							
EMPR	Esperanza Ma	50.84	1	I	Amb	I	Amb	10 58 31.4
LGNH	Logne	51.14	353	I	Amb	I	Amb	10 59 49.8
SNAA	Sanae	51.31	159	P	P	P	P	10 58 35.4 +0.8
SNAA	Sanae	51.31	159	P	P	P	P	10 59 47.4 +0.5
SNAA	Sanae	51.31	159	P	P	P	P	10 58 40.2 +0.3
SNAA	Sanae	51.31	159	P	P	P	P	10 58 35.2 +0.7
SNAA	comp=Z,447nm,0.8s,baz=282,slow=7.1,SNR=890							11 03 26.8 -0.1
SNAA	comp=Z,16nm,1.0s,baz=281,slow=8.9,SNR=3.9							11 05 39.4 +0.5
SNAA	comp=Z,25nm,0.9s,baz=22,slow=21,SNR=11							10 58 35.0 +0.4
SNAA	Sanae	51.31	159	P	P	P	P	10 58 34.0 -0.5
SNAA	Sanae	51.31	159	P	P	P	P	10 58 36.2 -0.2
SDDR	Presa de Saban	51.49	355	P	I	Amb	I	10 58 38.5
SDDR	comp=Z,622nm,1.4s							10 58 45.4
MTDJ	Mount Denham	51.55	347	I	Amb	I	Amb	10 58 47.6
RTAL	Retailhuleu	52.45	330	I	Amb	I	Amb	10 58 49.7 -0.5
RTAL	comp=Z,638nm,1.4s							10 58 53.9 +0.6
GTBY	Guantanamo Bay	52.83	351	I	Amb	I	Amb	10 58 54.3 +0.9
FSCY	Frank Sound, G	53.38	343	P	P	P	P	10 58 49.7 -0.5
H10S2	ASCENSION HYDR63.80	76	76	P	P	P	P	10 58 53.9 +0.6
H10S2	ASCENSION HYDR63.81	76	76	P	P	P	P	10 58 54.3 +0.9
GRTK	Grand Turk	53.99	355	I	Amb	I	Amb	10 58 56.5
CCIG	Comitan	54.21	330	I	Amb	I	Amb	10 58 57.7
H10N3	ASCENSION HYDR64.56	75	75	P	P	P	P	10 59 00.0 +1.4
H10N1	ASCENSION HYDR64.57	75	75	P	P	P	P	10 59 00.0 +1.2
H10N2	ASCENSION HYDR64.58	75	75	P	P	P	P	10 59 00.1 +1.4
ASCN	Ascension	54.62	75	P	P	P	P	10 59 00.4 +0.9
ASCN	comp=Z,465nm,0.8s							10 59 02.0
PTCN	Pitcairn Island	54.95	261	P	P	P	P	10 59 03.0 +1.2
NVL	N'azarevskaya	55.94	157	I	P	S	S	10 59 07.6 -0.5
NVL	comp=Z,684nm,0.8s							11 06 38.2 -3.8
TEIG	Teipich	56.33	336	P	P	P	P	10 59 11.3 0.0
QSPA	South Pole Qui	57.59	180	P	P	P	P	10 59 20.8 +0.9
QSPA	comp=Z,336nm,0.6s,baz=297,slow=0.4,SNR=677							11 00 00.9 +1.1
QSPA	comp=Z,140nm,0.8s,baz=141,slow=5.6,SNR=1.5							11 07 03.0 -1.0
QSPA	comp=Z,16nm,1.0s,baz=79,slow=21,SNR=11							10 59 20.7 +0.8
QSPA	South Pole Qui	57.59	180	P	P	P	P	10 59 22.2 +1.2
SHEL	Horse Pasture	57.65	89	P	P	P	P	10 59 22.2 +1.2
SHEL	comp=Z,839nm,1.0s							10 59 22.2 +1.2
SHEL	Horse Pasture	57.65	89	P	P	P	P	10 59 22.2 +1.2
TLIG	Tlapa	58.28	324	I	Amb	I	Amb	10 59 27.9
RKT	Rikitea	59.81	260	eS	S	S	S	11 07 28.7 -5.0
RKT	comp=Z,10um,30.0s							11 14 49.4
RKT	comp=Z,10um,30.0s							11 17 19.9
060A	Indiantown	60.67	346	P	P	P	P	10 59 41.6 +0.3
MCIG	Morelia	61.38	323	P	P	P	P	10 59 47.5 +1.0
DWPF	Disney Wildern	61.93	346	P	P	P	P	10 58 49.9 +0.1
DWPF	comp=Z,5um,27.2s							11 07 56.7 -3.3
DWPF	Disney Wildern	61.93	346	P	P	P	P	10 59 49.2 -0.5
DWPF	comp=Z,314nm,0.8s							10 59 50.6
SACV	Santiago Island	63.05	48	P	P	P	P	10 59 57.6 +0.1
SACV	comp=Z,459nm,0.9s							11 00 00.7
BBSR	BB Station	64.71	2	I	Amb	I	Amb	11 00 09.8
SYO	Syowa Base	65.59	158	I	P	P	P	11 00 13.4 +0.2
SYO	Syowa Base	65.59	158	I	P	P	P	11 00 44.6 +1.3
TIGA	Triton	65.61	345	S	S	S	S	11 08 43.4 -1.9
255A	Hazlehurst	65.84	346	I	Amb	I	Amb	11 00 16.4
352A	Blakes	65.96	343	P	P	P	P	11 00 14.7 -1.3
H06S1	SOCORRO T	66.07	314	P	P	P	P	11 00 18.4 +1.4
H06N1	SOCORRO T-PHASE6.19	314	314	P	P	P	P	11 00 19.6 +1.9
VNDA	Vanda	66.19	190	P	P	P	P	11 00 18.6 +1.6
VNDA	comp=Z,23nm,0.6s,baz=141,slow=6.8,SNR=69							11 28 43.9 -7.3
VNDA	Vanda	66.19	190	P	P	P	P	11 00 17.3 +0.3
VNDA	comp=Z,524nm,1.7s							11 00 20.8
VNDA	Vanda	66.19	190	P	P	P	P	11 00 17.3 +0.3
VNDA	comp=Z,524nm,1.6s							11 00 17.6 0.0
BRAL	Brewton	66.21	341	P	P	P	P	11 08 48.1 -4.3
BRAL	comp=Z,162,SNR=11							11 08 48.1 -4.3
59A	Georgetown, SC	66.53	349	P	P	P	P	11 00 19.8 +0.3
59A	comp=Z,169							11 08 56.7 +0.4
NHSC	New Hope	66.55	348	P	P	P	P	11 00 20.5 +0.8
256A	Williston	66.98	347	I	Amb	I	Amb	11 00 23.7
MBO	M'Bour	67.00	54	I	Amb	I	Amb	11 00 27.4
152A	Waverly Hall	67.05	344	I	Amb	I	Amb	11 00 23.8
346A	Big Creek Wild	67.10	339	I	Amb	I	Amb	11 00 25.1
GOGA	Godfrey	67.48	345	P	P	P	P	11 00 25.4 -0.2
GOGA	comp=Z,781nm,1.2s							11 09 02.8 -4.9
GOGA	Godfrey	67.48	345	P	P	P	P	11 00 24.7 -0.9
GOGA	comp=Z,450nm,1.3s							11 00 24.7 -0.9
GOGA	Godfrey	67.48	345	P	P	P	P	11 00 24.7 -0.9
GOGA	comp=Z,450nm,1.3s							11 00 26.6
X60A	Albert Glenn T	67.64	350	P	P	P	P	11 00 27.1 +0.5
X59A	McDuffie Farm,	67.73	350	P	P	P	P	11 00 27.6 +0.5
X59A	comp=Z,170,SNR=26							11 09 08.2 -2.3
251A	Franklin	67.78	344	I	Amb	I	Amb	11 00 28.8
X57A	Johnson Farm	67.86	348	P	P	P	P	11 00 28.3 +0.4
X57A	comp=Z,2521nm,1.3s							11 00 28.3 +0.4

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X57A	baz=168			S	S			11 09 10.4 -1.8
833A	Chaparral WMA,	67.94	330	P	P	P	P	11 00 29.6 +1.1
833A	comp=Z,151,SNR=207							11 09 14.3 +0.9
HKT	Hockley	67.94	333d	P	P	P	P	11 00 28.8 +0.4
HKT	comp=Z,185nm,1.4s							11 00 31.0
HKT	Hockley	67.94	333	I	Amb	I	Amb	11 00 31.0
LRAL	Lakeview Retre	67.96	342	P	P	P	P	11 00 28.4 -0.1
LRAL	comp=Z,641nm,1.8s							11 00 29.8
LRAL	Lakeview Retre	67.96	342	I	Amb	I	Amb	11 00 29.8
342A	Flagon Creek P	67.98	337	P	P	P	P	11 00 29.5 +0.8
Y52A	Liburn	68.05	345	I	Amb	I	Amb	11 00 30.4
W60A	comp=Z,663nm,1.1s							11 00 30.0 +0.8
W60A	comp=Z,170,SNR=20							11 09 13.2 -1.5
W60A	comp=Z,170							11 00 30.4 +1.0
W61A	Ground Anchor	68.10	351	P	P	P	P	11 00 31.8
146A	Union	68.15	340	I	Amb	I	Amb	11 00 31.8
VBMS	Vicksburg	68.19	339	P	P	P	P	11 00 31.0 +1.0
VBMS	comp=Z,159,SNR=49							11 09 17.1 +0.9
W58A	Raeofur	68.26	349	P	P	P	P	11 00 31.2 +0.8
W58A	comp=Z,169,SNR=100							11 09 15.9 -1.0
CNCC	Cliffs of the	68.28	351	P	P	P	P	11 00 31.2 +0.8
W59A	Clinton	68.29	350	P	P	P	P	11 00 31.4 +0.9
W59A	comp=Z,170,SNR=31							11 09 17.8 +0.6
W59A	comp=Z,170							11 00 31.8 +0.9
247A	Carrollton	68.40	341	P	P	P	P	11 00 30.4 -0.9
247A	comp=Z,559nm,0.8s							11 00 32.6
PAUL	Paulin	68.51	347	I	Amb	I	Amb	11 00 33.6
Y49A	Blount Mountai	68.59	343	I	Amb	I	Amb	11 00 33.7
W56A	Indian Trail	68.60	348	P	P	P	P	11 00 32.5 0.0
W56A	comp=Z,168,SNR=40							11 09 18.0 -2.8
V61A	Roper	68.65	352	P	P	P	P	11 00 32.6 -0.2
V60A	Jim Taylor Roa	68.71	351	P	P	P	P	11 00 33.8 +0.6
V60A	comp=Z,171,SNR=3							11 00 35.3
V60A	Jim Taylor Roa	68.71	351	I	Amb	I	Amb	11 00 35.3
KMCS	Kings Mountain	68.74	348	P	P	P	P	11 00 33.5 +0.1
KMCS	comp=Z,167,SNR=57							11 09 19.5 -3.1
KMCS	Kings Mountain	68.74	348	I	Amb	I	Amb	11 00 34.9
V59A	Middlesex	68.85	350	P	P	P	P	11 00 34.7 +0.7
V59A	comp=Z,170,SNR=63							11 09 22.3 -1.4
BG3	Lake Jocassee	68.90	346	I	Amb	I	Amb	11 00 35.9
V								

SS1A	comp=Z,273nm,1.0s	71.59 346	P	Iamb	P	Iamb	11 00 50.2	-0.4	LUPA	comp=Z,542nm,1.1s	73.28 353	P	Iamb	P	Iamb	11 01 01.1	+0.6	MSTX	baz=173	Muleshoe	74.26 330	P	S	11 01 06.9	+0.3		
SS1A							11 00 51.9		LUPA							11 01 03.0		MSTX	baz=149,SNR=381				S	S	11 01 24.2	-2.0	
R55A	comp=Z,617nm,1.1s	71.59 349	P	P	P	P	11 00 51.7	+1.0	BRNJ	comp=Z,307nm,1.1s	73.29 354	Iamb	Iamb	Iamb	Iamb	11 01 03.1		MSTX	baz=149	Muleshoe	74.26 330	Iamb	Iamb	Iamb	Iamb	11 01 08.1	
R55A	baz=168,SNR=131		S	S	S	S	11 09 54.4	-1.4	TUL1	comp=Z,332nm,0.9s	73.29 336	P	S	SKIKP	P	11 01 00.7	-0.1	L63A	comp=Z,741nm,1.0s	North Scituate	74.26 357	P	P	P	P	11 01 07.4	+1.2
R56A	baz=168	71.61 350	P	P	P	P	11 00 51.9	+1.1	TUL1	baz=155,SNR=84						11 01 12.7	-1.6	L63A	baz=176,SNR=39				S	S	11 01 26.9	+1.3	
R56A	baz=169		S	S	S	S	11 00 56.7	+0.7	TUL1	Leonard	73.29 336	Iamb	Iamb	Iamb	Iamb	11 01 02.1		L63A	baz=176	North Scituate	74.26 357	Iamb	Iamb	Iamb	Iamb	11 01 08.8	
TBI	comp=Z,1µm,1.4s	71.62 254	/P	P	P	P	11 00 52.5	+1.2	MGMO	Mountain Grove	73.30 339	Iamb	Iamb	Iamb	Iamb	11 01 02.4		P46A	comp=Z,822nm,1.2s	Rosedale	74.27 344	P	Iamb	P	P	11 01 05.1	-1.2
TBI	comp=Z,6µm,28.0s		eS	S	S	S	11 09 53.5	-3.3	O56A	Blue Knob Stat	73.32 351	P	P	P	P	11 01 01.7	+0.9	P46A	baz=170,SNR=101				S	S	11 01 07.0		
TBI	comp=Z,7µm,33.5s		eLQ	LQ	LQ	LQ	11 19 26.4		O56A	baz=170		S	S	S	S	11 01 15.7	+0.4	L64A	comp=Z,545nm,0.9s	Middleborough	74.30 357	P	P	P	P	11 01 07.5	+1.1
TBI	comp=Z,10µm,27.0s		eLR	LR	LR	LR	11 22 49.5		O56A	Blue Knob Stat	73.32 351	Iamb	Iamb	Iamb	Iamb	11 01 02.5		L64A	comp=Z,345nm,1.1s	Middleborough	74.30 357	Iamb	Iamb	Iamb	Iamb	11 01 09.0	
R54A	Victor	71.64 349	P	P	P	P	11 00 51.2	+0.2	WMOK	Wichita Mounta	73.32 333	P	P	P	P	11 01 00.8	-0.2	BRVW	Bryant College		74.31 357	Iamb	Iamb	Iamb	Iamb	11 01 09.1	
R54A	baz=168,SNR=76		S	S	S	S	11 09 54.2	-2.0	WMOK	baz=153		S	S	S	S	11 01 13.7	-0.7	TIAR	comp=Z,72nm,1.0s	Tiare	74.32 259	/P	P	P	P	11 01 08.5	+1.2
Q59A	Harwood	71.70 352	P	P	P	P	11 00 52.3	+1.1	WMOK	Wichita Mounta	73.32 333	P	P	P	P	11 00 59.9	-1.1	PAE	Paea		74.46 259	/P	P	P	P	11 01 09.4	+1.3
Q59A	baz=172,SNR=16		S	S	S	S	11 09 57.2	+0.5	WMOK	comp=Z,154nm,0.9s	73.32 333	P	P	P	P	11 01 05.9	-1.1	M56A	Emporium		74.47 351	P	P	P	P	11 01 08.1	+0.6
T47A	Sharon Grove	71.74 343	Iamb	Iamb	Iamb	Iamb	11 00 52.4		WMOK	Wichita Mounta	73.32 333	P	P	P	P	11 00 59.9	-1.1	M56A	Emporium		74.47 351	Iamb	Iamb	Iamb	Iamb	11 01 09.5	
Q60A	Greensboro	71.74 353	P	P	P	P	11 00 52.8	+1.3	N61A	South Mountain	73.33 354	P	P	P	P	11 01 02.0	+1.2	M56A	Emporium		74.47 351	Iamb	Iamb	Iamb	Iamb	11 01 09.5	
Q60A	baz=172,SNR=17		S	S	S	S	11 09 58.1	+0.8	N61A	baz=174		S	S	S	S	11 10 16.6	+1.4	L62A	Suffield		74.49 356	P	P	P	P	11 01 08.5	+1.0
Q60A	Greensboro	71.74 353	Iamb	Iamb	Iamb	Iamb	11 00 54.2		OKCFA	Oklahoma City	73.43 335	Iamb	Iamb	Iamb	Iamb	11 01 02.8		L62A	baz=175,SNR=5.9				S	S	11 01 28.7	+0.6	
ABTX	comp=Z,739nm,1.3s	71.80 331	P	P	P	P	11 00 52.4	+0.3	N63A	Mattituck	73.44 356	P	P	P	P	11 01 03.0	+1.5	PPT2	Papeete2		74.50 259	/P	P	P	P	11 01 09.9	+1.5
ABTX	Ablene, Hawle		S	S	S	S	11 09 56.5	-1.8	SRIG	comp=Z,175	73.45 319	Iamb	Iamb	Iamb	Iamb	11 01 03.9		PPT2	comp=Z,173nm,1.2s				epP	pP	11 01 51.9	+1.6	
ABTX	Ablene, Hawle	71.80 331	P	P	P	P	11 00 51.9	-0.1	MNTX	Cornudas Mount	73.49 327	P	P	P	P	11 01 01.7	-0.4	PPT2	comp=Z,9µm,25.8s				eS	S	11 01 25.4	-4.2	
ABTX	baz=152		S	S	S	S	11 00 53.7		MNTX	baz=147,SNR=380		S	S	S	S	11 01 15.5	+0.7	PPT2	comp=Z,9µm,25.8s				eLR	LR	11 24 07.7		
Q58A	Fox Den Farm,	71.90 351	P	P	P	P	11 00 53.3	+0.8	MNTX	Cornudas Mount	73.49 327	P	P	P	P	11 01 01.1	-1.0	PPT2	Papeete2		74.50 259	eLR	LR	LR	LR	11 01 09.9	+1.5
Q58A	baz=171,SNR=24		S	S	S	S	11 10 00.6	+1.6	N60A	Cedar Hill Far	73.52 354	P	P	P	P	11 01 02.9	+1.0	PPT	Papeete		74.50 259	P	P	P	P	11 01 09.9	+1.5
R53A	Hurricane	71.95 348	Iamb	Iamb	Iamb	Iamb	11 00 53.5		N60A	baz=173,SNR=92		S	S	S	S	11 10 18.9	+1.5	PPT	comp=Z,433nm,0.8s,slow=3.5,SNR=51				LR	LR	11 26 30.5		
X37A	Clayton	71.96 336	Iamb	Iamb	Iamb	Iamb	11 00 54.6		PAL	Palisades	73.55 355	P	P	P	P	11 01 02.9	+0.8	M55A	comp=Z,1µm,18.6s,slow=30	Ridgway	74.53 351	Iamb	Iamb	Iamb	Iamb	11 01 09.7	
LCAR	Lake Charles	71.96 340	Iamb	Iamb	Iamb	Iamb	11 00 54.2		PAL	baz=174,SNR=16		S	S	S	S	11 10 19.3	+1.6	N51A	Ashland		74.54 348	Iamb	Iamb	Iamb	Iamb	11 01 09.1	
W39A	Magazine	71.97 337	P	P	P	P	11 00 53.9	+0.9	N59A	State Game Lan	73.63 353	P	P	P	P	11 01 04.0	+1.3	L60A	Shokan		74.56 355	P	P	P	P	11 01 09.3	+1.4
W39A	baz=157		S	S	S	S	11 09 59.3	-0.7	N59A	baz=172,SNR=96		S	S	S	S	11 10 19.7	+1.0	L60A	baz=174,SNR=43				S	S	11 01 30.8	+1.9	
W39A	Magazine	71.97 337	P	P	P	P	11 00 53.1	+0.1	OLIL	Olney	73.64 343	Iamb	Iamb	Iamb	Iamb	11 01 03.4		AMTX	Amarillo		74.59 331	P	P	P	P	11 01 09.0	+0.5
FCAR	Ozark Folk Cen	72.08 339	Iamb	Iamb	Iamb	Iamb	11 00 54.3		P49A	Miami Univ. Ec	73.64 346	P	P	P	P	11 01 02.3	-0.4	AMTX	baz=150				S	S	11 01 28.8	-1.0	
Q57A	Strasburg	72.08 351	P	P	P	P	11 00 54.9	+1.3	P49A	baz=165,SNR=72		S	S	S	S	11 01 15.3	+0.6	AMTX	Amarillo		74.59 331	Iamb	Iamb	Iamb	Iamb	11 01 10.2	
Q57A	baz=170,SNR=84		S	S	S	S	11 10 02.8	+1.6	P49A	Miami Univ. Ec	73.64 346	P	Iamb	Iamb	Iamb	11 01 01.8	-0.9	M54A	Oil Creek Stat		74.69 350	P	P	P	P	11 01 09.2	+0.4
Q56A	Snyder Ridge,	72.20 350	P	P	P	P	11 00 55.3	+1.1	P49A	baz=165		S	S	S	S	11 01 01.3	-0.7	M54A	Oil Creek Stat		74.69 350	Iamb	Iamb	Iamb	Iamb	11 01 28.5	-2.0
Q56A	baz=169,SNR=32		S	S	S	S	11 10 03.5	+1.0	OK030	Cody Creek RV	73.65 335	Iamb	Iamb	Iamb	Iamb	11 01 04.3		M54A	Oil Creek Stat		74.69 350	Iamb	Iamb	Iamb	Iamb	11 01 10.4	
P61A	Hammonton	72.31 354	P	P	P	P	11 00 55.9	+1.1	N58A	Sunry Lake	73.66 352	P	P	P	P	11 01 03.6	+0.9	L61A	Hillsdale 1, H		74.71 355	P	P	P	P	11 01 09.9	+1.1
P61A	baz=173		S	S	S	S	11 10 05.7	+2.1	N58A	baz=172,SNR=55		S	S	S	S	11 10 20.5	+1.7	L61A	baz=174				S	S	11 01 31.7	+1.1	
P61A	Hammonton	72.31 354	Iamb	Iamb	Iamb	Iamb	11 00 57.2		N58A	Sunby	73.66 352	Iamb	Iamb	Iamb	Iamb	11 01 05.0		L58A	Harry Jones Me		74.76 353	P	P	P	P	11 01 10.2	+1.0
R50A	Paris	72.36 346	Iamb	Iamb	Iamb	Iamb	11 00 56.3		O52A	Adamsville	73.67 348	Iamb	Iamb	Iamb	Iamb	11 01 04.0		L58A	baz=172,SNR=87				S	S	11 01 31.8	+0.6	
Q53A	Leroy	72.39 348	P	P	P	P	11 00 55.5	+0.1	N57A	Milroy	73.67 352	P	P	P	P	11 01 03.4	+0.5	M53A	W. Miller and		74.77 350	P	P	P	P	11 01 09.4	+0.2
Q53A	baz=167,SNR=67		S	S	S	S	11 10 02.9	-1.8	N57A	baz=171,SNR=63		S	S	S	S	11 10 18.6	-0.5	M53A	baz=168	W. Miller and	74.77 350	Iamb	Iamb	Iamb	Iamb	11 01 10.8	
P58A	Pank, Wackersv	72.39 352	P	P	P	P	11 00 56.4	+1.1	WSP	Westport, CT	73.67 355	Iamb	Iamb	Iamb	Iamb	11 01 05.2		M53A	W. Miller and		74.77 350	Iamb	Iamb	Iamb	Iamb	11 01 10.8	
P58A	baz=171,SNR=69		S	S	S	S	11 10 06.2	+1.6	BLO	Bloomington	73.69 344	Iamb	Iamb	Iamb	Iamb	11 01 03.2	+1.6	L57A	Andrews Acres		74.82 353	P	P	P	P	11 01 10.2	+0.7
Q54A	Coxs Mills	72.39 349	P	P	P	P	11 00 54.6	-0.8	ODNJ	Ogdensburg	73.69 354	Iamb	Iamb	Iamb	Iamb	11 01 05.3		L57A	baz=172,SNR=42				S	S	11 01 32.8	+0.9	
P59A	Jarrettsville	72.41 352	P	P	P	P	11 00 56.8	+1.4	O53A	New Philadelphia	73.69 349	P	P	P	P	11 01 03.0	0.0	L59A	Walton		74.83 354	P	P	P	P	11 01 10.8	+1.3
P59A	baz=172,SNR=145		S	S	S	S	11 10 06.8	+1.9	O53A	baz=168		S	S	S	S	11 01 16.1	+1.3	L59A	baz=173,SNR=89				S	S	11 01 33.9	+1.9	
P57A	Homestead Farm	72.47 351	P	P	P	P	11 00 57.1	+1.3	O53A	New Philadelph	73.69 349	Iamb	Iamb	Iamb	Iamb	11 01 04.5		L59A	Walton		74.83 354	P	Iamb	Iamb	Iamb	11 01 10.4	+0.8
P57A	baz=170		S	S	S	S	11 10 07.8	+2.2	OK031	S. Brethren Rd	73.69 335	P	P	P	P	11 01 02.9	-0.2	L59A	comp=Z,604nm,1.1s				P	P	11 01 12.1		
P60A	Homestead Farm	72.47 351	Iamb	Iamb	Iamb	Iamb	11 00 58.5		P48A	Milroy	73.72 345	Iamb	Iamb	Iamb	Iamb	11 01 04.0		ALLY	Alegheny Colle		74.89 350	Iamb	Iamb	Iamb	Iamb	11 01 11.5	
P57A	Homestead Farm	72.47 351	Iamb	Iamb	Iamb	Iamb	11 00 58.5		OK029	Liberty Lake	73.77 335	Iamb	Iamb	Iamb	Iamb	11 01 05.0		HRV	Adam Dzewonsk		74.90 357	P	P	P	P	11 01 11.2	+1.4
P57A	Homestead Farm	72.47 351	Iamb	Iamb	Iamb	Iamb	11 00 58.5		YLE	Yale	73.79 355	Iamb	Iamb	Iamb	Iamb	11 01 06.3		HRV	baz=176				S	S	11 01 33.2	+0.6	
P60A	Greenville	72.52 353	P	P	P	P	11 00 57.0	+0.9	M63A	Gales Ferry	73.83 356	P	P	P	P	11 01 04.7	+1.0	HRV	Adam Dzewonsk		74.90 357	P	P	P	P	11 01 11.3	+1.4
R49A	Shelbyville	72.55 345	Iamb	Iamb	Iamb	Iamb	11 00 57.2		M63A	baz=176		S	S	S	S	11 10 20.2	-0.5	HRV	Adam Dzewonsk		74.90 357	Iamb	Iamb	Iamb	Iamb	11 01 12.6	
P56A	Dayton Farm, R	72.60 351	P	P	P	P	11 00 57.8	+1.2	CCM	Cathedral Cave	73.84 340	P	P	P	P	11 01 04.2	+0.3	L61B	Northampton		74.91 356	P	P	P	P	11 01 11.1	+1.1
P56A	baz=170,																										

2d 10h

ERPA	comp=Z,663nm,1.1s	75.33 350	P	P	11 01 12.8 +0.4
ERPA	baz=169,SNR=67		S	S	11 10 34.8 -2.7
ERPA	baz=169	75.33 350	IAMB	IAMB	11 01 14.1
K59A	comp=Z,634nm,1.0s	75.39 354	P	P	11 01 13.7 +1.0
K59A	baz=173,SNR=83		S	S	11 10 39.2 +1.0
WVNY	baz=173	75.43 351	IAMB	IAMB	11 01 15.1
P40A	comp=Z,801nm,1.1s	75.44 340	P	P	11 01 12.7 -0.4
K58A	Earlville	75.45 354	P	P	11 01 13.9 +0.8
K58A	baz=173,SNR=85		S	S	11 10 37.2 -1.6
K58A	baz=173	75.45 354	IAMB	IAMB	11 01 15.2
K56A	comp=Z,677nm,1.1s	75.56 352	P	P	11 01 14.2 +0.5
K56A	Middlesex		S	S	11 10 39.0 -1.1
K56A	baz=171,SNR=38		S	S	11 10 39.0 -1.1
TSUM	baz=171	75.60 104	P	P	11 01 15.6 +0.9
TSUM	Tsumeb		IAMB	IAMB	11 01 17.9
TSUM	comp=Z,499nm,1.2s	75.60 104	iP	P	11 01 16.5 +1.7
TSUM	Tsumeb	75.60 104	P	P	11 01 16.5 +1.7
J62A	Henniker	75.63 356	P	P	11 01 15.9 +1.8
J62A	baz=176,SNR=35		S	S	11 10 42.8 +2.2
J63A	baz=176	75.65 357	P	P	11 01 15.4 +1.3
J63A	Strafford		S	S	11 10 42.9 +2.1
J63A	baz=176,SNR=7.4		S	S	11 10 42.9 +2.1
HDIL	baz=176	75.66 343	P	P	11 01 14.2 -0.2
HDIL	Hopedale		S	S	11 10 37.2 -4.0
HDIL	baz=161		S	S	11 10 37.2 -4.0
HDIL	Hopedale	75.66 343	IAMB	IAMB	11 01 15.4
J60A	comp=Z,888nm,1.2s	75.74 355	P	P	11 01 15.9 +1.2
J60A	Lant Hill Farm		S	S	11 10 44.1 +2.1
J60A	baz=174,SNR=18		S	S	11 10 44.1 +2.1
J61A	baz=174	75.79 356	P	P	11 01 16.5 +1.6
J61A	Chester		S	S	11 10 43.2 +0.7
J61A	baz=175,SNR=60		S	S	11 10 43.2 +0.7
FFD	baz=175	75.86 357	IAMB	IAMB	11 01 18.6
FFD	Franklin Falls		IAMB	IAMB	11 01 18.6
L48A	comp=Z,707nm,1.2s	75.91 347	IAMB	IAMB	11 01 16.6
L48A	N Adams		IAMB	IAMB	11 01 16.6
P38A	comp=Z,766nm,1.2s	75.96 339	IAMB	IAMB	11 01 16.6
P38A	Dawn		IAMB	IAMB	11 01 16.6
J59A	comp=Z,287nm,0.7s	76.05 354	P	P	11 01 17.5 +1.0
J59A	Piesco		S	S	11 10 45.2 -0.1
J59A	baz=174,SNR=81		S	S	11 10 45.2 -0.1
J59A	baz=174	76.05 354	IAMB	IAMB	11 01 18.8
J59A	Piesco		IAMB	IAMB	11 01 18.8
J59A	comp=Z,501nm,1.1s	76.08 353	P	P	11 01 17.1 +0.5
J56A	Wolcott		S	S	11 10 45.4 -0.2
J56A	baz=172,SNR=26		S	S	11 10 45.4 -0.2
J56A	baz=172	76.08 353	P	P	11 01 16.7 +0.1
J56A	Wolcott		IAMB	IAMB	11 01 18.2
AAM	comp=Z,760nm,1.1s	76.11 347	P	P	11 01 16.6 -0.2
AAM	Ann Arbor		S	S	11 10 40.3 -5.7
AAM	baz=166	76.11 347	IAMB	IAMB	11 01 18.1
AAM	Ann Arbor		IAMB	IAMB	11 01 18.1
J57A	comp=Z,447nm,1.4s	76.12 353	P	P	11 01 17.6 +0.7
J57A	Williamstown		S	S	11 10 45.1 -1.0
J57A	baz=172,SNR=36		S	S	11 10 45.1 -1.0
J57A	baz=172	76.12 353	IAMB	IAMB	11 01 18.8
J57A	Williamstown		IAMB	IAMB	11 01 18.8
HNH	comp=Z,579nm,1.1s	76.13 356	IAMB	IAMB	11 01 20.1
HNH	Hanover		IAMB	IAMB	11 01 20.1
M44A	comp=Z,669nm,1.2s	76.15 344	IAMB	IAMB	11 01 18.0
M44A	Midewin, Midew		IAMB	IAMB	11 01 18.0
Y22D	comp=Z,733nm,1.0s	76.18 327	P	P	11 01 19.2 +1.5
Y22D	IRIS PASCAL I		S	S	11 10 51.5 +4.0
Y22D	baz=146,SNR=14		S	S	11 10 51.5 +4.0
N41A	baz=146	76.21 342	P	P	11 01 16.6 -0.8
N41A	Harden Midland		S	S	11 01 19.2 +1.7
I64A	Boothbay	76.23 358	P	P	11 01 19.2 +1.7
I64A	baz=178,SNR=40		S	S	11 10 49.7 +2.5
I62A	baz=178	76.25 357	P	P	11 01 19.1 +1.5
I62A	Tamworth		S	S	11 10 50.4 +2.9
I62A	baz=176,SNR=21		S	S	11 10 50.4 +2.9
I58A	baz=176	76.31 354	P	P	11 01 18.7 +0.7
I58A	Old Forge		S	S	11 10 47.2 -0.9
I58A	baz=173,SNR=69		S	S	11 10 47.2 -0.9
I60A	baz=173	76.33 355	P	P	11 01 19.2 +1.2
I60A	Shoreham		S	S	11 10 49.7 +1.4
I60A	baz=175,SNR=79		S	S	11 10 49.7 +1.4
KOWA	baz=175	76.37 63	P	P	11 01 20.0 +1.1
K50A	Kowa	76.39 348	P	P	11 01 59.8 -0.7
I63A	Casco	76.40 357	P	P	11 01 20.3 +1.9
I63A	Otisfield		S	S	11 10 51.8 +2.8
I63A	baz=177,SNR=61		S	S	11 10 51.8 +2.8
I63A	baz=177	76.40 357	P	P	11 01 19.1 +0.8
I63A	Otisfield		IAMB	IAMB	11 01 21.7
KSU1	comp=Z,795nm,1.1s	76.45 337	P	P	11 01 18.9 +0.1
KSU1	Kansas State U		S	S	11 10 46.2 -3.7
KSU1	baz=155,SNR=156		S	S	11 10 46.2 -3.7
KSU1	baz=155	76.45 337	IAMB	IAMB	11 01 20.1
KSU1	Kansas State U		IAMB	IAMB	11 01 20.1
I57A	comp=Z,902nm,1.2s	76.61 354	P	P	11 01 20.5 +0.9
I57A	Carthage		S	S	11 10 50.7 -0.7
I57A	baz=173,SNR=49		S	S	11 10 50.7 -0.7
TUC	baz=173	76.62 323	P	P	11 01 21.1 +1.1
TUC	Tucson		S	S	11 10 52.1 0.0
TUC	baz=143		S	S	11 10 52.1 0.0
TUC	baz=143	76.62 323	P	P	11 01 20.8 +0.8
TUC	Tucson		P	P	11 01 20.8 +0.8
TUC	comp=Z,204nm,1.3s	76.62 323	P	P	11 01 20.8 +0.8
TUC	Tucson		P	P	11 01 21.4 +1.6
LBNH	baz=176,SNR=91	76.65 356	P	P	11 10 54.4 +2.6
LBNH	Libson		S	S	11 10 54.4 +2.6
LBNH	baz=176	76.65 356	IAMB	IAMB	11 01 23.5
LBNH	Libson		IAMB	IAMB	11 01 23.5
ANMO	comp=Z,355nm,0.8s	76.70 328	P	P	11 01 21.8 +1.2
ANMO	Albuquerque		S	S	11 10 52.1 -1.1
ANMO	baz=147		S	S	11 10 52.1 -1.1
ANMO	Albuquerque	76.70 328	iP	P	11 01 21.2 +0.6
ANMO	Albuquerque		P	P	11 01 21.2 +0.6
ANMO	comp=Z,268nm,1.0s	76.70 328	P	P	11 01 21.4 +0.9
ANMO	Albuquerque		IAMB	IAMB	11 01 22.3
ANMO	Albuquerque		IAMB	IAMB	11 01 22.3
PECO	comp=Z,447nm,1.2s	76.74 353	IAMB	IAMB	11 01 22.3
PECO	Prince Edward		IAMB	IAMB	11 01 20.9 -0.1
L44A	comp=Z,527nm,1.3s	76.87 344	P	P	11 01 20.9 -0.1
L44A	Lake County Fo		S	S	11 10 48.6 -5.6
L44A	baz=162,SNR=21		S	S	11 10 48.6 -5.6
WVL	baz=162	76.88 358	IAMB	IAMB	11 01 23.9
WVL	Waterville		IAMB	IAMB	11 01 23.9
H61A	comp=Z,342nm,1.2s	76.94 356	P	P	11 01 23.0 +1.6
H61A	Lyndonville		S	S	11 10 56.6 +1.6
H61A	baz=176,SNR=104		S	S	11 10 56.6 +1.6
H62A	baz=176	76.94 357	P	P	11 01 23.0 +1.5
H62A	Milan		S	S	11 10 56.6 +1.6
H62A	baz=176,SNR=13		S	S	11 10 56.6 +1.6
H64A	baz=176	76.95 358	P	P	11 01 22.9 +1.5
H64A	Troy		P	P	11 01 22.9 +1.5
H64A	baz=178,SNR=20		P	P	11 01 22.9 +1.5

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H64A	baz=178		S	S	11 10 55.4 +0.5
H58A	comp=Z,174,SNR=118	76.97 355	P	P	11 01 22.6 +1.0
H58A	Gabriels		S	S	11 10 57.3 +2.0
H58A	baz=174		S	S	11 10 57.3 +2.0
H65A	comp=Z,179,SNR=35	76.98 359	P	P	11 01 23.2 +1.5
H65A	Eastbrook		S	S	11 10 57.4 +2.1
HAL	baz=179	76.99 3	P	P	11 01 57.2 +1.6
HAL	Halifax		IAMB	IAMB	11 01 23.6
HAL	Halifax	76.99 3	IAMB	IAMB	11 01 23.6
HAL	comp=Z,201nm,0.7s		pP	P	11 02 07.1 +3.2
H63A	New Sharon	76.99 358	P	P	11 01 23.5 +1.8
H63A	baz=177,SNR=40		S	S	11 10 58.0 +2.6
H63A	baz=177		S	S	11 10 58.0 +2.6
EMMW	comp=Z,408nm,1.1s	76.99 360	IAMB	IAMB	11 01 24.6
EMMW	East Machias		IAMB	IAMB	11 01 23.2 +1.4
H60A	comp=Z,175,SNR=58	77.01 356	P	P	11 10 58.7 +3.0
H60A	Morristown		S	S	11 10 58.7 +3.0
H60A	baz=175	77.02 116	P	P	11 01 23.4 +0.8
H60A	Bosho		S	S	11 10 56.6 -0.5
H60A	comp=Z,1.1um,0.8s, baz=240, slow=5.1, SNR=546		S	S	11 10 56.6 -0.5
H60A	Bosho	77.02 116	P	P	11 01 23.1 +0.5
H60A	Bosho		pmax	pmax	11 01 23.1 +0.5
H60A	comp=Z,1.1um,0.9s	77.02 116	P	P	11 01 23.1 +0.5
H60A	Bosho		P	P	11 01 23.8 +1.7
H66A	baz=180	77.07 360	P	P	11 01 57.3 +1.0
H66A	Whiting		S	S	11 01 57.3 +1.0
H57A	baz=180	77.11 354	P	P	11 01 23.1 +0.7
H57A	Richville		S	S	11 10 56.4 -0.4
H57A	baz=173,SNR=41		S	S	11 10 56.4 -0.4
L42A	comp=Z,476nm,1.1s	77.12 343	IAMB	IAMB	11 01 23.6
L42A	Oliver, Polo		IAMB	IAMB	11 01 22.9 +0.4
I51A	comp=Z,168,SNR=70	77.14 350	P	P	11 01 53.0 -4.1
I51A	Listowel		S	S	11 01 53.0 -4.1
I51A	baz=168	77.16 355	P	P	11 01 23.7 +1.1
I51A	Cadyville		S	S	11 10 57.8 +0.5
H59A	comp=Z,174,SNR=58	77.20 355	P	P	11 01 23.9 +1.0
H59A	Lake Ozonia		S	S	11 10 59.2 +1.4
H59A	baz=174	77.20 355	P	P	11 01 23.1 +0.2
H59A	Lake Ozonia		IAMB	IAMB	11 01 25.2
H59A	comp=Z,378nm,1.1s	77.23 347	IAMB	IAMB	11 01 24.0
H59A	Summer		IAMB	IAMB	11 01 24.5 +0.9
J47A	comp=Z,375nm,0.9s	77.28 334	P	P	11 10 57.2 -1.8
J47A	Cedar Bluff		S	S	11 10 57.2 -1.8
CBKS	baz=152	77.34 355	IAMB	IAMB	11 01 26.0
CBKS	Flat Rock		IAMB	IAMB	11 01 26.1 +1.9
CBKS	comp=Z,500nm,1.1s	77.34 355	IAMB	IAMB	11 01 29.2
MACI	comp=Z,335nm,0.9s	77.34 44	P	P	11 01 25.8 +1.5
MACI	Morro de la Ar		IAMB	IAMB	11 11 02.7 +2.4
214A	comp=Z,261nm,0.9s	77.39 321	P	P	11 01 26.4
214A	Organ Pipe Nat				

PMAN	Manadas	79.68	30	eP	P	11 01 36.5	-0.1
ROSA	Rosais	79.69	30	eP	P	11 01 36.6	0.0
ROSA	Rosais	79.69	30	Iamb	Iamb	11 01 41.2	
IKP	In-Ko-Pah, Jac	79.69	320	P	P	11 01 38.4	+1.5
IKP	baz=140,SNR=100			S	S	11 11 26.9	+1.9
SWSC	Sam W. Stewart	79.74	320	P	P	11 01 38.4	+1.3
SWSC	baz=140,SNR=81			S	S	11 11 28.9	+3.6
LATQ	La Tuque	79.83	356	P	P	11 01 37.9	+0.7
LATQ	baz=175,SNR=48			S	S	11 11 26.0	+0.5
TKX	Tecate	79.90	319	Iamb	Iamb	11 01 40.7	
TORD	Torodi Ar. Bea	79.91	67	P	P	11 01 39.0	+0.7
TORD	comp=Z,645nm,0.8s,baz=258,slow=4.6,SNR=1333			S	S	11 11 28.3	+0.5
TORD	comp=Z,2.1nm,1.1s,baz=243,slow=9.1,SNR=17			P	P	11 20 23.1	+1.1
TORD	comp=Z,2.9nm,0.6s,baz=50,slow=2.1,SNR=7.3			LR	LR	11 34 08.5	
TORD	comp=Z,2.1nm,2.1s,baz=230,slow=33			LR	LR	11 34 08.5	
TORD	Torodi Ar. Bea	79.91	67	P	P	11 01 38.2	-0.2
PDMDI	Parker Dam,Lak	79.91	322	P	P	11 01 39.0	+1.1
PDMDI	baz=141,SNR=55			S	S	11 11 29.2	+2.2
I37A	Lemond, Waseca	79.97	341	P	P	11 01 37.7	-0.4
BAR	Barrett	80.02	319	Iamb	Iamb	11 01 39.8	+1.1
SRBC	Serra Branca	80.04	30	eP	P	11 01 38.4	-0.1
MONP2	Monument Peak	80.04	320	P	P	11 01 40.4	+1.4
MONP2	baz=140,SNR=119			S	S	11 11 31.7	+2.8
PGRA	Graciosa	80.06	30	eP	P	11 01 38.8	+0.2
ADH	Angra Heroismo	80.06	31	eP	P	11 01 38.9	+0.3
CMLA	Cha da Macela	80.08	32	eP	P	11 01 38.9	+0.1
CMLA	Cha da Macela	80.08	32	P	P	11 01 40.6	+1.8
CMLA	comp=Z,149nm,0.7s			pmx	pmx		
CMLA	Cha da Macela	80.08	32	P	P	11 01 40.6	+1.8
BC3	Big Chuckwalk	80.10	321	P	P	11 01 40.3	+1.2
BC3	baz=140,SNR=161			S	S	11 11 32.2	+2.9
TJX	Tijuana	80.10	319	P	P	11 01 39.8	+0.8
TJX	baz=140			Iamb	Iamb	11 01 41.9	
PSCM	Serra do Cume	80.15	31	eP	P	11 01 39.1	0.0
PAGU	Aguaiva, Azore	80.17	31	eP	P	11 01 40.2	+0.9
BART	Pico Bartolome	80.25	33	eP	P	11 01 39.7	-0.1
IRM	Iron Mountain	80.32	321	P	P	11 01 41.5	+1.2
F42A	Maple Grove Fa	80.33	345	Iamb	Iamb	11 01 42.6	
GMOA	Rib Lake	80.33	344	P	P	11 01 39.3	-0.6
P40Z	Porto Moniz, M	80.36	41	eP	P	11 01 42.3	+1.7
P40Z	comp=Z,345nm,1.3s			eS	eS	11 11 35.2	+3.2
FUL	Funchal	80.40	41	eS	S	11 01 42.4	+1.8
ISCO	comp=Z,425nm,1.0s			P	P	11 01 42.2	+1.3
ISCO	Idaho Springs	80.41	331	P	P	11 01 42.2	+1.3
ISCO	baz=148,SNR=301			S	S	11 11 34.5	+1.8
ISCO	Idaho Springs	80.41	331	Iamb	Iamb	11 01 43.4	
ISCO	comp=Z,345nm,1.3s			P	P	11 01 41.7	+1.1
109C	Camp Elliot, M	80.41	319	P	P	11 01 41.7	+1.1
109C	baz=139,SNR=33			S	S	11 11 35.3	+3.0
PM13	Radium Mtn., P	80.42	328	eP	P	11 02 25.7	+2.3
PV17	Madeira	80.45	41	eP	P	11 01 42.9	+1.8
SMCO	Snowmass	80.46	330	P	P	11 01 42.3	+1.0
SMCO	comp=Z,576nm,1.0s			Iamb	Iamb	11 01 44.2	
PV05	Paradox Valley	80.48	328	P	P	11 01 41.2	0.0
NEE2	Needles Airpor	80.52	322	P	P	11 01 42.2	+1.0
NEE2	baz=141,SNR=27			S	S	11 11 35.5	+2.1
1112	David Mesa, Pa	80.56	328	Iamb	Iamb	11 01 44.0	
1112	comp=Z,510nm,1.5s			P	P	11 01 42.4	+0.6
PV16	Nyswonger Mesa	80.59	328	P	P	11 01 43.4	+1.5
TPFO	Pinon Flats	80.60	320	P	P	11 01 38.6	+4.0
TPFO	baz=140,SNR=190			S	S	11 11 38.6	+4.0
PFO	Pinyon Flats O	80.61	320	P	P	11 01 43.4	+1.5
PFO	baz=140,SNR=197			S	S	11 11 38.2	+3.6
PFO	Pinyon Flats O	80.61	320	d/P	d/P	11 01 42.8	+0.9
PFO	comp=Z,384nm,1.1s			pmx	pmx		
PFO	Pinyon Flats O	80.61	320	P	P	11 01 43.1	+1.3
PFO	baz=140			Iamb	Iamb	11 01 44.1	
ECSD	EROS Data Cent	80.64	339	P	P	11 01 42.0	+0.3
ECSD	baz=155			S	S	11 11 39.5	+5.2
U15A	North Rim	80.65	325	P	P	11 01 40.3	+0.8
E43A	Lone Tree Farm	80.68	346	Iamb	Iamb	11 01 43.6	
PV14	Lion Creek, Pa	80.69	328	Iamb	Iamb	11 01 44.6	
PV10	Paradox Valley	80.70	328	Iamb	Iamb	11 01 44.2	
COWI	Conover	80.87	345	Iamb	Iamb	11 01 44.6	
SPMN	Marine on St.	80.93	342	P	P	11 01 42.8	-0.3
SPMN	baz=158,SNR=96			S	S	11 11 42.1	+4.9
SPMN	Marine on St.	80.93	342	Iamb	Iamb	11 01 44.2	
RAR	Rarotonga	80.96	251	P	P	11 01 44.4	+0.4
RAR	comp=Z,322nm,1.4s			pmx	pmx		
RAR	Rarotonga	80.96	251	P	P	11 01 44.4	+0.4
MURC	Murrietta	81.00	320	P	P	11 01 45.3	+1.4
MURC	baz=139,SNR=119			S	S	11 11 41.9	+3.4
PMP5	Porto Santo	81.02	41	eP	P	11 01 44.6	+0.7
PMP5T	Porto Santo, M	81.03	41	eP	P	11 01 46.8	+2.6
GMRC	Granite Mounta	81.08	321	P	P	11 01 45.8	+1.5
GMRC	baz=140,SNR=236			S	S	11 11 42.1	+2.7
SC12	San Clemente I	81.28	318	P	P	11 01 46.7	+1.4
SC12	baz=138,SNR=22			S	S	11 11 44.6	+3.2
BBRC	Big Bear Solar	81.35	320	P	P	11 01 47.5	+1.6
BBRC	baz=140,SNR=61			S	S	11 11 45.6	+3.1
CASY	Casey	81.37	179	P	P	11 01 45.5	+0.1
CASY	comp=Z,523nm,0.9s			Iamb	Iamb	11 01 48.1	
HEC	Hector,Ludlow	81.47	321	P	P	11 01 47.9	+1.6
HEC	baz=140,SNR=159			S	S	11 11 46.0	+2.7
N23A	Red Feather La	81.47	331	P	P	11 01 47.7	+1.3
N23A	baz=148,SNR=238			S	S	11 11 45.6	+2.1
PHWY	Pilot Hill	81.62	332	Iamb	Iamb	11 01 49.0	
FMP	Fort Macarthur	81.69	319	P	P	11 01 49.0	+1.6

FMP	baz=138			S	S	11 11 47.7	+2.3
F36A	Milaca	81.72	342	Iamb	Iamb	11 01 48.3	
BFSC	Mojo Badly Ra	81.73	320	P	P	11 01 49.0	+1.2
BFSC	baz=139,SNR=177			S	S	11 11 48.8	+2.6
O20A	White River Ci	81.79	329	P	P	11 01 49.2	+1.1
O20A	baz=146,SNR=121			S	S	11 11 49.1	+2.4
O20A	White River Ci	81.79	329	Iamb	Iamb	11 01 50.7	
O20A	comp=Z,678nm,1.6s			S	S	11 11 48.1	+0.4
LSQO	Lebel-sur-Quev	81.81	353	P	P	11 01 48.1	+0.4
LSQO	baz=172			S	S	11 11 43.4	-2.6
RRX	Edison Barstow	81.86	321	P	P	11 01 49.9	+1.6
RRX	baz=140,SNR=14			S	S	11 11 49.9	+2.7
E38A	The Farm, Brus	81.91	343	Iamb	Iamb	11 01 49.5	
MWC	Mount Wilson	81.94	319	P	P	11 01 49.5	+0.5
MWC	comp=Z,326nm,1.1s			pmx	pmx		
MWC	Mount Wilson	81.94	319	P	P	11 01 49.5	+0.5
MWC	comp=Z,326nm,1.1s			Iamb	Iamb	11 01 51.5	
PASC	Pasadena Ar. C	81.97	319	Iamb	Iamb	11 01 51.6	
PASC	comp=Z,530nm,1.1s			S	S	11 01 50.4	
DRLN	Deer Lake	81.99	6	Iamb	Iamb	11 01 50.4	
SUSD	Miller	82.02	338	P	P	11 01 48.9	0.0
SUSD	baz=153,SNR=32			S	S	11 11 49.3	+0.9
SUSD	Miller	82.02	338	Iamb	Iamb	11 01 50.1	
SNCC	San Nicolas Is	82.03	318	P	P	11 01 50.4	+1.2
SNCC	baz=138,SNR=22			S	S	11 11 50.1	+1.1
SNCC	San Nicolas Is	82.03	318	Iamb	Iamb	11 01 51.8	
SNCC	comp=Z,464nm,1.1s			pP	pP	11 02 34.2	+2.3
GSC	Goldstone, Bar	82.08	321	P	P	11 01 50.9	+1.3
GSC	baz=140,SNR=158			S	S	11 11 51.8	+2.3
GSC	Goldstone, Bar	82.08	321	P	P	11 01 49.9	+0.4
GSC	baz=140			pmx	pmx		
GSC	Goldstone, Bar	82.08	321	P	P	11 01 49.9	+0.4
GSC	comp=Z,185nm,1.1s			S	S	11 01 49.9	+0.4
GSC	Goldstone, Bar	82.08	321	P	P	11 01 51.1	+1.5
DECC	Green Verdugo	82.11	319	P	P	11 01 51.1	+1.5
SHOC	Shoshone, Teco	82.25	322	P	P	11 01 51.3	+1.0
SHOC	baz=140,SNR=48			S	S	11 11 54.2	+3.0
SHOC	Shoshone, Teco	82.25	322	P	P	11 01 51.3	+1.0
SHOC	baz=140,SNR=48			S	S	11 11 54.2	+3.0
EDW2	Edwards Air Fo	82.40	320	P	P	11 01 52.0	+0.9
F33A	5 Mile Ranch,	82.46	340	Iamb	Iamb	11 01 50.3	-0.9
F33A	comp=Z,367nm,1.1s			P	P	11 01 52.3	
MATO	Matagami	82.57	353	P	P	11 01 51.7	+0.1
MATO	baz=171,SNR=96			S	S	11 01 53.5	+1.3
OSI	Ostio Audit: C	82.60	319	P	P	11 01 56.1	+1.3
OSI	comp=Z,385nm,1.1s			S	S	11 11 56.1	+1.3
OSI	Ostio Audit: C	82.60	319	Iamb	Iamb	11 01 54.7	
SCZ2	Santa Cruz Isl	82.64	318	P	P	11 01 53.8	+1.4
SCZ2	baz=138,SNR=56			S	S	11 11 57.6	+2.3
SCZ2	Rawlins	82.65	331	P	P	11 02 35.5	+0.2
RWWY	Laurel Mtn Rad	82.68	321	P	P	11 01 53.8	+1.1
LRMC	baz=139,SNR=249			S	S	11 11 57.2	+1.4
LRMC	baz=139			S	S	11 11 57.2	+1.4
PRN	Pahroc Range	82.78	323	Iamb	Iamb	11 01 56.2	
FURC	Furnace Creek,	82.99	322	P	P	11 01 55.6	+1.0
FURC	baz=140,SNR=107			S	S	11 11 59.0	+0.5
FURC	Furnace Creek,	82.99	322	P	P	11 01 55.6	+1.0
FURC	comp=Z,344nm,1.1s			S	S	11 11 59.5	+1.0
MPMC	Manual Prospec	83.01	321	P	P	11 02 00.3	+1.1
MPMC	baz=139,SNR=145			S	S	11 11 55.6	+1.4
SBC	Santa Barbara	83.02	319	P	P	11 01 55.6	+1.4
SBC	baz=138,SNR=19			S	S	11 11 59.3	+0.4
ARVC	Arvin	83.04	320	P	P	11 01 56.5	+1.3
ARVC	baz=138,SNR=29			S	S	11 12 00.0	+0.9
TPNV	Topopah Spring	83.04	322	P	P	11 01 56.1	+1.6
TPNV	baz=140,SNR=254			S	S	11 12 00.5	+1.1
EYMN	Ely	83.15	344	P	P	11 01 54.6	0.0
EYMN	baz=160,SNR=135			S	S	11 11 57.4	-2.3
EYMN	Ely	83.15	344	Iamb	Iamb	11 01 56.1	
K22A	Casper	83.18	332	P	P	11 01 56.3	+1.1
K22A	baz=147,SNR=290			S	S	11 11 59.1	-1.5
K22A	Casper	83.18	332	Iamb	Iamb	11 01 57.7	
K22A	comp=Z,672nm,1.1s			S	S	11 01 55.9	+0.5
MPU	Maple Canyon	83.20	327	P	P	11 01 57.0	+1.5
ISA	Isabella, Lake	83.24	320	P	P	11 12 01.3	-0.1
ISA	baz=139,SNR=190</						

2d 12h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ABKAR Akbulak array, HHT Hallett, AKTO Aktyubinsk, etc.

ECX 02 11:04:34.0.6.28.00N:112.05W, h0km, 8km, MD2.5
MEX 02 11:04:36.7.1.0.27.86N:111.89W, h5km, 16km, MD3.6
ISC 02 11:04:33.8.2.0.28.00N:01x111.95W:0.07, h6km, 17km, n6,
+059/12, Gulf of California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SRIG Santa Rosalia, SRIG Santa Rosalia, GUYB Guaymas, etc.

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Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HSG, IMI, MON, MGRO, RORO, SAOF, FINB, TURF, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like POPM Popiglio, RUSF Rustel, CASP Castiglione de Monte La Croce, etc.

ISU 02 12:52:56.41.13N:71.44E, h5km, Hypocentre not reviewed by the ISC
SOME 02 12:52:57.3.41.10N:71.52E, h5km
KRNET 02 12:52:57.1.0.41.05N:71.43E, h20km, mb3.1
NCC 02 12:52:58.1.0.41.08N:71.53E, h0km, mb3.8, mpv3.6,
Error ellipse: s-maj=8.1km s-min=3.0km az=12.0
ISC 02 12:52:54.6.1.3.41.07N:0.03:71.47E:0.03, h5km, 12km,
n34, +196/56, 15C, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NAM Namangan, FRG Fergana, TRKS Terek-Say, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like ACPP Acapulco, ARIG Puente Sto Nin, MEIG Mezcala, etc.

Table with columns: TGY Tagaytay City, PGP Puerto Galera, LLP Lapu-Lapu, etc. Includes stations like TGY Tagaytay City, PGP Puerto Galera, LLP Lapu-Lapu, etc.

Table with columns: KAPI Kappang, SRPI Serui, GUMO Guam, etc. Includes stations like KAPI Kappang, SRPI Serui, GUMO Guam, etc.

IDC 02 15:13:37.1±0.4, 133.90N, 124.52E, h0km, mb4.7/28, mb1.4, 8/32, mb1mx4.8/39, mbtmp4.7/32, ML4.3/4, MS4.9/35, Ms1.4/9/35, ms1mx4.8/49, Error ellipse: s-maj=16.6km s-min=9.6km az=85.0

NEIC 02 15:13:38.5, 13.96N, 124.46E, h21km, Moment Tensor Solution. Moment tensor: Scale: 1017Nm; Mr:0.95; Mw:0.16; Mo:0.79; Me:0.34; M0:0.51; Mr1:1.54; Fault plane solution: Mo1.88000x1017, NP1=135.36000, delta1.10000, delta1.6140000, NP2=344.95000, delta2.120000, delta2.830000, Principal axes: T 1.8504, Plg60.0000; Azm267.0000; N 0.0520, Plg8.0000, Azm163.0000; P -1.9024, Plg29.0000, Azm68.0000

MAN 02 15:13:42.1, 13.92N, 124.48E, h17km, mb6.1, ML5.2, MS5.7

Code Station Name Az Az' Phase ID Time Res Res. Includes stations like Code Station Name, Az, Az', Phase ID, Time Res, Res.

2d 15h

Table with columns for station name, frequency, power, and signal strength. Includes stations like TRF, CUT, KLMR, etc.

2015 FEB

Table with columns for station name, frequency, power, and signal strength. Includes stations like EPYK, INK, HYT, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like TRSU, KOLS, KLON, etc.

2d 15h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like SDV Santo Domingo, SMLC San Martin, MDP Montagnes des, etc.

2015 FEB

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like PLAL, T59A Double 'B', T58A Grand View Acr, etc.

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Table with columns for station call letters, frequency, power, and signal strength. Includes stations like WCI Wyandotte Cave, P56A Dayton Farm, U40A Yellville, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like M53A WI Miller and, N49A Columbus Grove, L58A Harry Jones Me, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like G62A West of Eustis, G62A West of Eustis, G62A West of Eustis, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like TIC TPO, PFO Pinyon Flats, PFO Pinyon Flats, etc.

2Hd 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Hansel Valley, Old Mammoth, Devils Postpile, etc.

2015 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like Bryant, Montargil, BOSA, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like U5A0B, U5A0B, USRK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like TATO, SMLT, NWF, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like EDH, EDH, WKG, WDLH, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like H11N2, H11N1, H11N3, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like Barrancos, Tobarra, Morf, etc.

DJA 02 21:29:36.9, 0.2, 6'S, 2x10^5 E, h10km, M4, 9/44, mb4.9/44, mb5.4/35, MLV5.2/25, Mw(mb)4.9/35, MwMwp4.9/7, Mwmp5.2/7

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like Bandar Lampung, Kota Agung, etc.

2015 FEB

Table with columns: TRTT, Station Name, Time, Residual. Includes stations like Sapulut, Baiting, Phuket, etc.

2d 21h

Table with columns: Station Name, Time, Residual. Includes stations like KMI, KMI, KMI, etc.

GNI	comp=Z,53nm,1.3s	Garni	72.20 315	P	P	21 41 02.5 +0.8
GNI	comp=Z,48nm,1.1s	Garni	72.20 315	P	P	21 41 03.2 +1.4
GNI		Garni	72.20 315	P	P	21 41 03.2 +1.4
SVE		Sverdlovsk	72.55 336	eP	P	21 41 02.4 -0.8
GROC	comp=Z,38nm,1.3s	Groznyy	72.79 319	eP	P	21 41 05.2 +0.3
GROC		Groznyy	72.79 319	e	P	21 41 23.0
SEAG	comp=Z,96nm,1.1s	Tbilisi Sea	72.83 317	P	P	21 41 07.4 +2.1
KZRT		Kazreti	72.95 317	P	P	21 41 06.3 +0.3
ARU		Arti	73.14 335f	P	P	21 41 03.2 +1.6
ARU		Arti	73.14 335f	S	S	21 50 31.9 -0.2
ARU		Arti	73.14 335f	SS	SS	21 55 09.2 -4.7
ARU	comp=Z,22nm,1.3s	Arti	73.14 335	P	P	21 41 04.7 -2.0
ARU		Arti	73.14 335	I	I	21 41 07.8
BGD		Bogdanovka	73.45 316	P	P	21 41 10.7 +1.5
AKH		Akhalkalaki	73.50 316	P	P	21 41 11.9 +2.0
PETK	comp=Z,6.4nm,1.0s,baz=152,slow=6.6,SNR=4.0	Petrovlovsk	73.60 300	P	P	21 41 08.8 -0.8
PETK		Petrovlovsk	73.60 300	P	P	22 15 09.7
PETK	comp=Z,52nm,18.9s,baz=265,slow=37	Petrovlovsk	73.60 300	P	P	21 41 08.0 -1.6
PETK		Petrovlovsk	73.60 300	P	P	21 41 08.0 -1.6
ZEI		Tsey	73.87 318	eP	P	21 41 10.3 -1.3
ONI	comp=Z,24nm,1.0s	Oni	74.09 317	P	P	21 41 14.3 +1.6
NCK		Nalchik	74.36 318f	eP	P	21 41 15.0 +0.8
NCK		Nalchik	74.36 318f	eP	P	21 41 15.0 +0.8
MA2	comp=Z,59nm,1.2s	Magadan	74.66 22	P	P	21 41 15.2 -0.4
MA2	comp=Z,4.2nm,0.8s,baz=22,SNR=2.1	Magadan	74.66 22f	eP	P	21 41 16.5 +0.9
MA2		Magadan	74.66 22f	eP	P	21 41 16.5 +0.9
MBAR	comp=Z,9.0nm,1.2s	Mbarara	74.68 271	eP	P	21 41 17.8 +0.9
MBAR		Mbarara	74.68 271	eP	P	21 41 17.8 +0.9
MBAR	comp=Z,15nm,1.1s	Mbarara	74.68 271	P	P	21 41 17.9 +1.1
NEY		Neitryno	74.84 318f	eP	P	21 41 18.0 +0.8
NEY		Neitryno	74.84 318f	eP	P	21 41 18.0 +0.8
KBZ	comp=Z,9.0nm,1.1s	Khabaz	74.92 318	P	P	21 41 16.6 -0.8
KBZ	comp=Z,41nm,1.0s,baz=117,slow=3.1,SNR=2.1	Khabaz	74.92 318	eP	P	21 41 16.9 -0.5
KBZ		Khabaz	74.92 318	eP	P	21 41 16.9 -0.5
KOPT	comp=Z,60nm,1.1s	Kop Dagj	75.15 314	I	I	21 41 23.2
KIV	comp=Z,68nm,1.5s	Kislovodsk	75.15 318	iP	P	21 41 18.5 -0.4
KIV	SNR=2	Kislovodsk	75.15 318	eP	P	21 41 19.5 +0.6
KIV	comp=Z,118nm,1.1s	Kislovodsk	75.15 318	P	P	21 41 19.5 +0.6
KIV		Kislovodsk	75.15 318	I	I	21 41 21.7
KIV	comp=Z,41nm,1.1s	Kislovodsk	75.15 318	P	P	21 41 18.8 -0.1
GOF		Goitsoyoe	75.37 320f	iP	P	21 41 20.5 +0.5
GOF		Goitsoyoe	75.37 320f	iP	P	21 41 20.5 +0.5
SYO	comp=Z,54nm,1.3s	Syowa Base	75.79 200f	eP	P	21 41 23.2 +1.2
SYO		Syowa Base	75.79 200f	eX	P	21 41 31.0 +9.0
BELG		Belogornoje	76.02 328f	eP	P	21 41 24.3 +0.8
BELG		Belogornoje	76.02 328f	eP	P	21 41 24.3 +0.8
MAZ	comp=Z,4.0nm,1.2s	Malatya	76.06 312	P	P	21 41 25.1 +0.8
LSZ		Lusaka	76.10 256	P	P	21 41 25.4 +0.4
LSZ		Lusaka	76.10 256	P	P	21 41 25.4 +0.4
LSZ	comp=Z,20nm,1.3s	Lusaka	76.10 256	P	P	21 41 25.4 +0.4
LSZ		Lusaka	76.10 256	I	I	21 41 31.8
LSZ	comp=Z,20nm,1.2s	Lusaka	76.10 256	P	P	21 41 26.2 +1.3
LSZ		Lusaka	76.10 256	P	P	21 41 26.2 +1.3
NRHK	comp=Z,6.4nm,0.9s,baz=155,slow=5.7,SNR=7.7	Noril'sk	76.28 354	eP	P	21 41 23.1 -1.5
NRHK		Noril'sk	76.28 354	eP	P	21 41 24.1 -0.6
NRHK		Noril'sk	76.28 354	eP	P	21 41 24.1 -0.6
SOC	comp=Z,8.0nm,0.9s	Sochi	76.99 317	eP	P	21 41 27.6 -1.6
SOC		Sochi	76.99 317	e	P	21 44 20.3
SOC		Sochi	76.99 317	ePPP	PPP	21 46 16.7
SOC		Sochi	76.99 317	eS	SS	21 51 15.0 -0.5
SOC		Sochi	76.99 317	eSS	SS	21 56 12.0 -1.1
SOC	comp=Z,28nm,0.8s	Sochi	76.99 317	P	P	21 41 27.6 -1.6
VNDA	comp=Z,379nm,21.0s	Vandaj	77.14 169	LR	LR	22 12 26.4
SEY	comp=Z,85nm,20.2s,baz=316,slow=33	Seymchan	77.50 20	P	P	21 41 30.3 -1.3
SEY	comp=Z,2.6nm,0.9s,baz=134,slow=7.5,SNR=5.4	Seymchan	77.50 20f	eP	P	21 41 31.2 -0.5
TOKA		Tokat	78.14 313	I	I	21 41 36.9 +1.0
TOKA		Tokat	78.14 313	I	I	21 41 40.3
KIRV	comp=Z,45nm,1.3s	Kirov	78.38 334	eP	P	21 41 36.0 -0.6
BOSA	comp=Z,16nm,1.1s,baz=158,slow=7.6,SNR=5.6	Boshof	78.46 242	P	P	21 41 37.7 -0.3
BOSA		Boshof	78.46 242	P	P	21 41 37.7 -0.3
BOSA	comp=Z,39nm,1.3s	Boshof	78.46 242	P	P	21 41 37.7 -0.3
BOSA		Boshof	78.46 242	I	I	21 41 44.2
VRH	comp=Z,39nm,1.3s	Novokhoporsky	78.73 325	eP	P	21 41 37.9 -0.8
VRH		Novokhoporsky	78.73 325	eP	P	21 41 37.9 -0.8
CSS	comp=Z,40nm,0.9s	Mathias	78.97 307	I	I	21 41 43.7
CSS	comp=Z,50nm,1.0s	Mathias	78.97 307	I	I	21 41 43.7
TIXI		Tiksi	79.12 7f	eP	P	21 41 37.7 -2.8
TIXI		Tiksi	79.12 7	P	P	21 41 37.9 -2.6
BR131		Keakin Array S	80.05 312	eP	P	21 41 46.4 0.0
BR131		Keakin Array S	80.05 312	I	I	21 41 48.4
BRTR	comp=Z,46nm,1.1s,baz=139,slow=5.9,SNR=30	Keakin Array B	80.05 312	P	P	21 41 45.6 -0.8
BRTR		Keakin Array B	80.05 312	P	P	22 20 55.8
VSR	comp=Z,24nm,18.1s,baz=134,slow=33	Storozhevo	80.21 324	eP	P	21 41 45.8 -1.0
VSR		Storozhevo	80.21 324	eP	P	21 41 45.8 -1.0
ILGA	comp=Z,60nm,1.2s	Ilgaz	80.37 313	P	P	21 41 47.6 -0.6
ILGA		Ilgaz	80.37 313	I	I	21 41 50.9
LPSR	comp=Z,45nm,1.0s	Galich'ya Gora	80.88 326	eP	P	21 41 49.7 -0.7
LPSR		Galich'ya Gora	80.88 326	eP	P	21 41 49.7 -0.7
SIM	comp=Z,40nm,1.2s	Simferopol'	81.24 317	eP	P	21 41 52.7 +0.2
SIM		Simferopol'	81.24 317	eP	P	21 41 52.7 +0.2
ELL	comp=Z,92nm,1.2s	Elmali	82.11 308	P	P	21 41 57.4 0.0
ELL		Elmali	82.11 308	P	P	21 41 57.4 0.0
MOS	comp=Z,222nm,1.4s	Moscow	82.78 328	eP	P	21 41 57.4 0.0
MOS		Moscow	82.78 328	eP	P	21 42 00.0 -0.3
OBN	comp=Z,64nm,1.3s	Obninsk	83.11 327	P	P	21 42 00.8 -1.2
OBN	comp=Z,22nm,1.3s,baz=94,slow=1.7,SNR=14	Obninsk	83.11 327	iP	P	21 42 01.9 -0.1
OBN		Obninsk	83.11 327	iP	P	21 42 01.4 -0.1
OBN		Obninsk	83.11 327	i	P	21 42 15.4
OBN		Obninsk	83.11 327	i	P	21 42 15.4
OBN	comp=Z,90nm,1.3s	Obninsk	83.11 327	P	P	21 42 02.6 +0.6
KLMR		Klimovskoe	83.87 333	eP	P	21 42 05.9 +0.2
KLMR		Klimovskoe	83.87 333	eP	P	21 42 05.9 +0.2
KLMR	comp=Z,49nm,1.4s	Klimovskoe	83.87 333	eP	P	21 42 06.0 +0.2
KLMR		Klimovskoe	83.87 333	eP	P	21 42 08.4
JURR	comp=Z,49nm,1.4s	Jurilovca	84.78 316	iP	P	21 42 11.3 +0.5
TLCR		TLCR	84.92 316	iP	P	21 42 12.8 +1.4
TLCR		TLCR	84.92 316	iP	P	21 42 12.8 +1.4
TIRR		Tirgusor	85.03 316	iP	P	21 42 12.3 +0.2

TIRR		Tirgusor	85.03 316	P	P	21 42 12.2 +0.2
TPGR		Topolog	85.11 316	iP	P	21 42 12.4 -0.1
TLBR		Topalu	85.30 316	P	P	21 42 14.0 +0.6
MILM		Milsheti Mici	85.34 318	iP	P	21 42 14.0 +0.5
KISH		Kishinev	85.35 318	iP	P	21 42 14.7 +1.0
ICOR		Ion Corvin	85.38 315	iP	P	21 42 15.7 +2.0
CFR		Carcului	85.38 316	iP	P	21 42 14.8 +1.0
HARR		Harsova	85.42 316	iP	P	21 42 14.4 +0.4
HARR		Harsova	85.42 316	iP	P	21 42 14.3 +0.4
VARL		Varezi	85.75 317	iP	P	21 42 16.8 +1.2
IDI		Amotia	85.79 306	iP	P	21 42 16.5 +0.4
TMCR		Tamitsa	85.83 316	iP	P	21 42 12.1 -3.4
TMCR		Tamitsa	85.83 316	P	P	21 42 12.1 -3.4
RASA	comp=Z,12nm,0.9s	Rasa	85.86 315	iP	P	21 42 16.8 +0.7
VASR		Vaslui	85.98 318	iP	P	21 42 16.7 +0.1
TSUM		Tsumeb	85.96 251	P	P	21 42 18.3 +0.8
TSUM		Tsumeb	85.96 251	P	P	21 42 22.9
AKASG	comp=Z,16nm,1.1s	Malin Array Be	86.01 322	P	P	21 42 15.2 -1.6
AKASG	comp=Z,16nm,1.1s,baz=85,slow=4.8,SNR=40	Malin Array Be	86.01 322	P	P	21 42 15.1 -1.7
AKASG		Malin Array Be	86.01 322	eP	P	21 42 15.1 -1.7
AKASG	comp=Z,26nm,1.0s	Malin Array Be	86.01 322	P	P	21 42 15.1 -1.7
AKASG		Malin Array Be	86.01 322	eP	P	21 42 17.2 +0.4
AKASG		Malin Array Si	86.01 322	I	I	21 42 18.3 +0.8
PETR	comp=Z,24nm,1.0s	Petresti	86.13 317	iP	P	21 42 19.3 +1.8
RAZG		Razgrad	86.17 314	iP	P	21 42 19.7 +1.9
IASI		Iasi	86.23 318	iP	P	21 42 19.4 +1.4
IASI		Iasi	86.23 318	iP	P	21 42 19.3 +1.4
BISR		Bisoca	86.45 316	iP	P	21 42 20.7 +1.6
VRI		Vrincioia	86.50 317	iP	P	21 42 19.5 +0.1
VRI		Vrincioia	86.50 317	iP	P	21 42 19.5 +0.1
PLOR		Plostina	86.55 317	iP	P	21 42 20.7 +1.0
PLOR		Plostina	86.55 317	iP	P	21 42 20.7 +1.0
TESR		Tescani	86.69 317	iP	P	21 42 20.6 +0.3
NEHR		Neohiu	86.71 316	iP	P	21 42 21.5 +1.1
MLR		Muntele Rosu	86.96 316	iP	P	21 42 21.9 +0.1
ZIMR		Zimri	87.00 314	iP	P	21 42 23.8 +2.0
BIZ		Bicaz	87.15 318	iP	P	21 42 22.8 +0.0
PRAR		Praslea	87.18 319	iP	P	21 42 23.7 +0.1
PLD		Plovdiv	87.18 313	P	P	21 42 24.8 +2.1
PLD		Plovdiv	87.18 313	P	P	21 42 24.8 +2.1
OZUR	comp=Z,138nm,1.6s	Ozur	87.19 317	iP	P	21 42 24.9 +2.1
COPA		Copaceanca	87.20 315	iP	P	21 42 24.9 +1.1
DOPR		Dopca	87.44 317	iP	P	21 42 24.5 +0.6
HUMR		Humele	87.44 315	iP	P	21 42 25.8 +1.8
PLVB		Pleven	87.48 314	iP	P	21 42 24.7 +0.5
VOIR		Voiron	87.57 316	iP	P	21 42 25.8 +1.2
VOIR		Voiron	87.57 316	iP	P	21 42 25.8 +1.2
MNSK		Minsk	87.73 325	iP	P	21 42 24.4 -0.6
MNSK	comp=E,8.0nm,0.9s	Minsk	87.73 325	iP	P	21 42 24.4 -0.6
MNSK	comp=N,13nm,0.9s	Minsk	87.73 325	iP	P	21 42 24.4 -0.6
MNSK	comp=Z,72nm,0.9s	Minsk	87.73 325	iP	P	21 42 24.4 -0.6
MNSK		Minsk	87.73 325	iPPP	PPP	21 45 49.8 -1.1
MNSK		Minsk	87.73 325	iS	SS	21 47 45.1
MNSK		Minsk	87.73 325	iSS	SS	21 53 09.8 -1.9
MNSK		Minsk	87.73 325	iSS	SS	21 58 51.4 -0.7
MNSK		Minsk	87.73 325	iSSS	SSS	22 02 25.2
MNSK		Minsk	87.73 325	iLO	LO	22 13 23.5
MNSK		Minsk	87.73 325	iLR	LR	22 17 39.7
MNSK	comp=E,6.0nm,19.7s	Minsk	87.73 325	iLRM	MLR	22 22 56.0
MNSK		Minsk	87.73 325	iLRM	MLR	22 22 56.0
MNSK	comp=N,157nm,19.7s	Minsk	87.73 325	iLRM	MLR	22 22

2d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Red Feather La, SUSD Miller, S22A 4UR Ranch, etc.

ICD 02 21:30:44.0.7.3.7.05S:156.68E, h270km, 74km, mb3.6/13, mb1.3/7.14, mbmx3.4/50, mbtmp4.2/14, Error ellipse: s-maj=28.3km s-min=20.4km az=4.0

NEIC 02 21:30:55.1.1.3.7.3S:0.1x156.7E:0.11, h384km, 9km, mb4.4/20, Error ellipse: s-maj=21.7km s-min=9.4km az=47.0

ISC 02 21:30:55.9.0.6.7.3SS:0.09x156.77E:0.10, h400km, n39, e126/38, mb3.8/16, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, COEN Coen, CTAA Charters Towers, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FORST Forrest, KAPI Kappang, KKM Kota Kinabalu, etc.

UCR 02 21:31:08.7.0.9.14:11N:89.75W, h174km, 4km, ML3.9, mb4.6(NEIC)

SNET 02 21:31:08.0.9.14:10N:89.76W, h175km, 4km, ML4.0

NEIC 02 21:31:08.9.2.2.14:11N:0.08:89.78W:0.0.07, h179km, 5km, mb4.6/58, Error ellipse: s-maj=12.4km s-min=8.8km az=202.0

INET 02 21:31:11.2.13:42N:90.20W, h15km, MW3.9

IDC 02 21:31:16.4.9.1.14:44N:89.53W, h249km, 70km, mb3.7/14, mb1.3/8.15, mb1mx3.6/48, mbtmp4.3/15, Error ellipse: s-maj=59.5km s-min=24.5km az=174.0

CGC 02 21:31:17.0.0.4.14:33N:89.96W, h107km, 71km, MD3.9

ISC 02 21:31:08.1.0.6.14:07N:89.77W:0.05, h183km, 4km, n134, e180/151, mb4.4/31, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Code Station Name, RTR El Retiro, TACO Tacachico, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Y52A comp=Z,1.1nm,0.7s, X48A Hartsele, MIAR Mount Ida, etc.

REY 02 21:34:30.9.64:62N:17.48W, h6km

IDC 02 21:34:31.0.7.64:51N:17.57W, h0km, mb3.8/14, mb1.3/9.18, mb1mx3.7/63, mbtmp3.8/18, ML2.6/3, MS3.3/15, Ms1.3/15, ms1mx3.1/50, Error ellipse: s-maj=19.6km s-min=10.0km az=15.0

NEIC 02 21:34:33.1.2.7.64:22N:0.08:18:0W:0.2, h10km, 2km, mb4.3/5, Error ellipse: s-maj=20.9km s-min=4.5km az=230.0

ISC 02 21:34:32.4.0.5.64:61N:0.02:17.48W:0.02, h10km, n84, e230/77, mb3.9/17, MS3.3/10, Iceland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Code Station Name, IVON Vonarskard, IDJK Dyngjuokull, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like ISKR, JOK, THOR, IKRE, IASK, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like TXAR, KRSR, CMAR, ASAR, STKA, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like 214A, ANF, NEIC, etc.

2d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PBMO Poplar Bluff, FVM French Village, OGNE Ogallala, etc.

IDC 02 22:13:12.3:59.0,22.81S:178.48W,h0km,mb3.9/3, mb1 4.1/3,mb1mx3.7/28,mbtmp3.9/3,MS4.2/1,Ms1 4.2/1,ms1mx2.9/24,Error ellipse: s-maj=1080.0km s-min=161.9km az=86.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAR Rarotonga, STKA Stephens Creek, ASAR Alice Springs, etc.

MAN 02 22:28:51.1, 10.26N,126.00E,h5km,mb4.7,ML3.6,MS3.5 IDC 02 22:29:09.5:24.0, 10.10N,125.91E,h237km,257km, mb2.9/6,mb1 3.1/6,mb1mx2.9/5,mbtmp3.5/6,Error ellipse: s-maj=76.9km s-min=20.9km az=57.0

IDC 02 22:28:47.4:1.7, 10.42N,102.06E,126.3E:0.1,h16km,10km,n17,1939/19,mb3.5/6,1C-1D,Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLSP General Luna, BUTP Butuan, LLD Lapu-Lapu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, MXZ Matakaoa Point, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMGZ Waiomatatini S, HAZ Te Kaha, PKGZ Pakihiroa, etc.

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FINES FINES Array B 147.13 337 PKPbc PKPdf 22 53 31.1 +0.8 comp=Z,2.4nm,0.8s,baz=56,slow=4.8,SNR=8.5

IDC 02 22:35:06.5:1.4, 6.33O,N:151.28W,h100km,15km, mb3.5/10,mb1 3.5/13,mb1mx3.3/59,mbtmp3.7/13,Error ellipse: s-maj=19.4km s-min=10.0km az=114.0 AEIC 02 22:35:09.1:0.6, 63.04N:0.04:150.85W:0.05,h124km,4km, ML3.2,ML3.3/59(NEIC),Error ellipse: s-maj=5.2km s-min=3.0km az=188.0 NEIC 02 22:35:09.3:0.9, 63.07N:0.03:150.87W:0.08, h127km,3km,Error ellipse: s-maj=5.8km s-min=4.5km az=64.0 ANF 02 22:35:10.2:0.6, 63.07N:150.72W,h117km,9km,ML3.4/15, Error ellipse: s-maj=6.0km s-min=2.6km az=100.0 ISC 02 22:35:09.3:0.7, 63.06N:0.03:150.87W:0.04, h130km,5km,n151,10994/177,mb3.6/10,Central Alaska

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 KTH Kantishna Hill, HUR Hurricane, PPLA Keyupille, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like POKR, SLKM, DFR, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAJ, TXAR, ARCES, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like Port Moresby, TOOL, etc.

az=157.0
ISC 02 23:51:34.0,0.3,36.58N,0.03,73.21E,0.04,h10km,n154,
z268/159,mb4.1/38,MS3.5/5,25C-9D,Northwestern

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like NIL, KSH, KBL, THW, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like KURK, TAPN, AB31, LSA, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like TORD, TORI, RES, TOLK, etc.

IDC 02 23:58:08.3,0.8,18.45S,63.31W,h0km,mb3.9/6,
mb1.4/11,mb1mx4.0/35,mbtmp3.9/11,ML3.7.75,MS3.9/9,
M1 3.9/9,ms1mx3.6/30,Error ellipse: s-maj=18.5km,
s-min=14.4km az=128.0
SJA 02 23:58:10.1,0.5,18.54S,63.23W,h20km,25km,ML4.4,
MW4.5
NEIC 02 23:58:14.1,1.4,18.56S,0.008,63.19W,0.008,h41km,9km,
mb4.0/8,Error ellipse: s-maj=13.1km s-min=8.9km
az=140.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like SIV, GNI, YJA, HJA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like RCBR, TX31, TXAR, TOR, etc.

IDC 03 00:05:07.1-0.9, 56.66N-169.07W, h0km, mb3.8/10, mb1 4.1/13, mb1mx3.9/4.8, mb1mx3.9/13, ML3.6/4, MS3.5/2, Ms1 3.5/2, ms1mx2.8/3.1, Error ellipse: s-maj=29.4km s-min=14.1km az=176.0

AEIC 03 00:05:07.2-5, 56.57N-169.07W, h1, h21km, 6km, Error ellipse: s-maj=9.9km s-min=9.5km az=153.0

NEIC 03 00:05:07.3-0.3, 56.47N-169.07W, h0, h10km, 2km, mb4.9/9, ML3.9(AEIC), Error ellipse: s-maj=11.3km s-min=5.0km az=228.0

ISC 03 00:15:04.0-0.5, 56.55N-169.08W, h0, h35km, n70, r1539/69, mb3.9/10, Pribilof Islands

Main table of station data for the left column, including codes like SP1A, UNV, FALS, NIKH, etc.

IDC 03 00:09:22.8-0.9, 6.76N-72.99W, h159km, 16km, mb3.0/4, mb1 3.4/6, mb1mx3.2/2.7, mb1mx3.6/6, Error ellipse: s-maj=48.0km s-min=8.4km az=132.0

RSNC 03 00:09:24.0-1.5, 6.81N-73.15W, h146km, 5km, ML3.4, Mw3.7, Fault plane solution: NP1, 0.68, 0.0000, 0.88, 0.0000, -1, -142, 0.0000

ISC 03 00:09:22.7-0.8, 6.83N-73.13W, h0.04, h155km, 5km, n42, r1918/74, mb3.3/4, 6C-3D, Northern Colombia

Main table of station data for the middle column, including codes like BARC, BRRC, PAMP, etc.

DJA 03 00:17:00.9-0.9, 10.1S, 122.45E, h14km, 7km, M4.1/10, mb4.4/7, mb4.7/1, ML4.0/10, Mw1.0/10, Error ellipse: s-maj=16.9km s-min=12.3km az=173.0

NEIC 03 00:17:01.5-1.6, 10.06S, 122.39E, h0.03, h75km, 9km, mb4.4/15, Error ellipse: s-maj=9.0km s-min=4.5km az=197.0

IDC 03 00:17:02.1-2.1, 10.24S, 122.45E, h91km, 19km, mb4.0/5, mb1 3.9/9, mb1mx3.6/3.3, mb1mx3.6/3.3, Ms1 2.9/3, ms1mx2.6/3.3, Error ellipse: s-maj=31.6km s-min=21.3km az=63.0

ISC 03 00:17:01.4-0.8, 10.10S, 122.44E, h0.05, h74km, 8km, n52, r1915/57, mb4.3/8, Savu Sea

Main table of station data for the right column, including codes like BATI, BATI, MMRI, etc.

DJA 03 00:28:26.5-1.2, 56.50N-169.05W, h0km, mb3.7/6, mb1 4.0/10, mb1mx3.6/4.2, mb1mx3.7/10, ML3.2/4, Error ellipse: s-maj=36.5km s-min=16.8km az=173.0

AEIC 03 00:28:26.4-8, 56.60N-169.07W, h1, h22km, 7km, Error ellipse: s-maj=10.7km s-min=10.0km az=131.0

NEIC 03 00:28:27.2-6.5, 56.58N-169.07W, h0, h10km, 2km, mb3.9/6, ML3.6(AEIC), Error ellipse: s-maj=11.9km s-min=9.1km az=250.0

ISC 03 00:28:27.5-0.7, 56.55N-169.08W, h0.06, h10km, n58, r1923/53, mb3.6/6, Pribilof Islands

Table of station data for the right column, including codes like SP1A, AKUT, UNV, etc.

ISC 03 00:28:27.7-0.8, 6.83N-73.13W, h0.04, h155km, 5km, n42, r1918/74, mb3.3/4, 6C-3D, Northern Colombia

Table with columns: RSO, CNPM, BRLL, SKT, PPLA, SUSA, SEW, KTH, GHO, TRF, BPWF, SML, IMAR, M24K, WRH, MDM, CCB, ILM, DOT, YAH, TOLK, CTGM, FYU, BCAR, PCA, BMAR, HYT, WHY, BESE, PETK, INK, YKA, NVAR, SONM, TXAR, AKASG, CMAR. Each row contains station name, time, and other parameters.

Table with columns: DBBC, HELC, HELC, GUYCZ, GUYCZ, RREF, RREF, ANIL, ANIL, TOLC, TOLC, ORTC, ORTC, AZU, AZU, NORC, NORC, ROSC, ROSC, PTBC, PTBC, PTBC, PTBC, SDV, SDV, MDP, MDP, TXAR, TXAR, ULM, ULM, YKA, YKA, ILAR, ILAR, ASAR, ASAR, WRA, WRA. Each row contains station name, time, and other parameters.

Table with columns: NMHZ, NMHZ, ARHZ, ARHZ, HZ, HZ, TWVZ, TWVZ, KRHZ, KRHZ, WNVZ, WNVZ, Code, Station Name, Phase ID, Time Res. Includes station names like Naumai, Aropoanui, Black Stump Fm, etc.

HEL 03 00:53:35.2, 67.79N, 20.15E, h0km, ML1.9, Explosion UPP 03 00:53:35.6, 67.85N, 20.20E, h0km, ML2.4, Explosion, Sweden

NEIC 03 01:51:56.0, 4.60, 11N, 0.1, 141.0W, 0.4, h24km, 25km, Error ellipse: s-maj=30.3km s-min=7.7km az=118.0

RSNC 03 02:32:34.7, 1.8, 6.83N, 73.15W, h142km, 7km, ML2.7, Error ellipse: s-maj=89.7km s-min=42.8km az=84.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like KUA, KUA, KUA, RATU, KUVU, KUVU, KUVU, NIKU, NIKU, LANU, LANU, DUNDRE, DUNDRE, MASU, MASU, SALU, SALU, KIF, KIF, PAJU, PAJU, TOF, TOF, ARAO, ARAO, BURU, BURU, OLUF, OLUF, OUF, OUF, KUF, KUF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like GRNC, GRNC, LOGN, LOGN, CTGN, CTGN, KIAG, KIAG, PNL, PNL, BALM, BALM, PTPK, PTPK, YUK7, YUK7, YUK6, YUK6, KAIM, KAIM, KAIM, KAIM, YUK2, YUK2, YUK3, YUK3, YUK4, YUK4, YUK5, YUK5, BVCY, BVCY, DIV, DIV, PLBC, PLBC, BCAR, BCAR, MENT, MENT, M24K, M24K, M24K, M24K, WHY, WHY, PAX, PAX, KNK, KNK, SML, SML, SML, SML, RIDG, RIDG, RIDG, RIDG, PMR, PMR, PMR, PMR, SUA, SUA, HDA, HDA, SKT, SKT.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like BARC, BARC, BARC, PAMC, PAMC, PAMC, BRRC, BRRC, BRRC, RUSC, RUSC, RUSC, RUSC, PTBC, PTBC, PTBC, SPBC, SPBC, SPBC, ZARC, ZARC, ZARC, SMLC, SMLC, SMLC, NORC, NORC, NORC, CHIC, CHIC, CHIC, ROSC, ROSC, ROSC, ROSC, HELC, HELC, HELC, UREC, UREC, UREC, GUYCZ, GUYCZ, GUYCZ, PTGC, PTGC, PTGC, PTGC, PTGC, PTGC, PTGC, PTGC, CBOC, CBOC, CBOC, CBOC, DBBC, DBBC, DBBC, SDV, SDV, SDV, SDV, SDV, SDV, SDV, SDV, YKA, YKA, YKA, WRA, WRA, WRA, WRA.

UPP 03 00:53:51.8, 0.4, 67.86N, 20.21E, h1km, 3km, ML2.5, Explosion, Sweden

WEL 03 01:44:17.1, 1.3, 33.3S, 32.17W, 0.3, h614km, 30km, M4.0/1.4, mB4.4/6.16, MLv4.4/1.4, Mw(mB)3.5/6, Error ellipse: s-maj=0.1km s-min=0.0km az=127.2, South of Kermadec Islands

IDC 03 02:50:17.6, 1.2, 21.148S, 66.565W, h218km, 16km, mb3.3/2, mb1.3/5.4, mb1mx3.2/33, mbtmp3.8/4, Error ellipse: s-maj=65.3km s-min=21.9km az=148.0, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like KUA, KUA, RATU, KUVU, DUNDRE, DUNDRE, SALU, SALU, PAJU, PAJU, SOLC, SOLC, MALC, MALC, MALC, PTAC, PTAC, PLMC, PLMC, CBOC, CBOC, YOTC, YOTC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like MXZ, MXZ, WNGZ, WNGZ, HAZ, HAZ, PKGZ, PKGZ, RUGZ, RUGZ, WNGZ, TKGZ, TKGZ, MWZ, MWZ, URZ, URZ, MUAZ, MUAZ, MUGZ, MUGZ.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nagahama, Uwa jima 2, Tanbara, Kubokawa, Kurahashi, Tosashimizu, Monobe, etc.

WEL 03 05 20:43.6; 1.1, 37.9, 9.18, 0E.1; h33km, M3.8/12, ML4.0/12, ML3.8/12, Error ellipse: s-maj=0.0km s-min=0.0km

IDC 03 05 20:47.8; 3.0, 36.705; 178.58E, h0km, mb3.8/2, mb1.4/2, mb1mx3.8/18, mbtmp3.8/2, MS3.8/1, Ms1.3/8/1, ms1mx2.8/24, Error ellipse: s-maj=64.3km s-min=30.0km az=112.0

ISC 03 05 20:38.0; 2.3, 37.485; 0.06; 179.93W; 0.09, h5km, 11km, n70, c151/99, East of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Waioamatatini S, Matakaoa Point, Pakititi, Pukihiroa, Carnagh Statio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MCHZ McNeill Hill, KAHZ Kahuranaki, KAHZ Kaweka Forest, KUAZ Kuaotunu, etc.

NIC 03 05 25:45.9; 0.0, 35.03N; 34.20E, h0km, 4km, M12.6/4, GII 03 05 25:46.5; 34.95N; 34.15E, h23km, ML2.8/16, ISL 03 05 25:47.3; 0.0, 34.90N; 34.61E, h1km, 11km, n35, c091/45, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mavrovouni, MVOU, Erekyok, AKIN, etc.

ASGA Asgata, 0.84 255 P, S, Bn, 05 26 12.1 +0.2, 05 26 15.8 +0.6, 05 26 17.8

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

IDC 03 05 44:57.4; 1.8, 15.275; 176.61W, h0km, mb4.0/7, mb1.4/3.7, mb1mx4.1/33, mbtmp4.0/7, MS4.0/2, Ms1.4/0/2, ms1mx3.0/23, Error ellipse: s-maj=110.6km s-min=21.4km az=150.0

NEIC 03 05 45:37.2; 1.2, 16.1; 15.0; 2.176; 6W; 0.1, h379km, 9km, mb4.2/32, Error ellipse: s-maj=24.9km s-min=12.6km az=146.0

ISC 03 05 45:35.1; 0.6, 16.1; 0.1; 176; 7W; 0.1, h350km, n47, c097/44, mb4.1/24, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Afiamalu, MVSF, URZ, etc.

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

IDC 03 05 50:57.8; 6.8, 2.21S; 128.11E, h80km, 72km, mb3.3/3, mb1.3/5.5, mb1mx3.3/41, mbtmp3.6/5, ML3.8/2, Error ellipse: s-maj=54.8km s-min=18.1km az=86.0

ISC 03 05 50:53.2; 1.2, 2.25S; 0.1; 127.9E; 0.1, h33km, n6, c082/7, mb3.6/3, Ceram Sea

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

PRU 03 05 56:28.2; 0.0, 50.93N; 34.38E, h3km, M4.6, MOS 03 05 56:28.4; 1.6, 50.56N; 34.18E, h10km, mb4.4/17, Error ellipse: s-maj=4.0km s-min=3.5km az=45.8

MOS 03 05 56:30.1; 0.4, 50.43N; 34.19E, h0km, mb4.0/16, IDC 03 05 56:30.1; 0.4, 50.43N; 34.19E, h0km, mb4.0/16, mb1.4/3.3, mb1mx4.2/53, mbtmp4.2/31, ML4.3/14, MS2.7/2, Ms1.2/7/2, ms1mx2.1/56, Error ellipse: s-maj=6.7km s-min=5.8km az=169.0

NEIC 03 05 56:30.5; 2.7, 50.52N; 0.07; 34.13E; 0.01, h10km, 1km, mb4.4/28, Error ellipse: s-maj=11.3km s-min=2.9km az=358.0

ISC 03 05 56:30.0; 0.4, 50.58N; 0.04; 34.10E; 0.03, h10km, n333, c206/375, mb4.2/33, 31C-25D, Baltic States-Belarus-Northwestern Russia

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

VORR Voronezh, 3.40 69 P, M, 05 57 23.0 -0.1

LPSR Galich'y Gora, 3.63 54 eP, Pn, 05 57 27.7 +1.5

SORM Soroca, 4.48 239 P, S, 05 57 39.9 +1.9

SORM Soroca, 4.48 239 eS, Sn, 05 58 28.0 -2.1

OBNS Obninsk, 4.78 17 Pn, 05 57 46.0 +3.9

OBNS Obninsk, 4.78 17 eP, Sn, 05 58 41.1 +3.7

OBNS Obninsk, 4.78 17 Pn, 05 58 59.5

OBNS Obninsk, 4.87 80 eP, Pn, 05 57 42.3 +0.3

KIS Kishinev, 5.00 226 eP, Pn, 05 57 40.0 -5.1

KIS	comp=Z,400nm,1.6s	eS	Sn	05 58 41.0	-2.0
KIS	Kishinev	5.00 226	eP	Pn	05 57 40.0 -5.1
KIS		eS	Mn	05 58 41.0	-2.0
KIS	comp=Z,400nm,1.6s	MLR	MLR		
KIS	comp=E,2um,1.1s	MLR	MLR		
MILM	Milestii Mici	5.06 226	IP	Pn	05 57 47.1 +1.1
MILM	Milestii Mici	5.06 226	IP	Pn	05 57 47.0 +1.1
KMPD	K-Podol'skiy	5.36 251	P	Pn	05 57 52.0 +1.9
MNK	Minsk	5.46 318	eP	Pn	05 57 51.0 -0.4
MNK		eS	Sn	05 58 50.0 +0.8	
MNK	Minsk	5.46 318	eP	Pn	05 57 50.8 -0.6
MNK		iP	Pn	05 57 50.8 -0.6	
MNK		iP	Pn	05 57 50.8 -0.6	
MNK		iP	Pn	05 58 55.8 +1.6	
IAS	IASi	5.48 234	IP	Pn	05 57 53.2 +1.5
IAS	IASi	5.48 234	IP	Pn	05 57 53.2 +1.5
MOS	Moscow	5.59 21	eS	Pn	05 57 59.6 +6.5
MOS		eS	Sn	05 59 00.7 +3.4	
SUDU	Sudak	5.72 174	eP	Pn	05 57 55.9 +0.9
SUDU		eS	Sn	05 59 03.2 +2.4	
SUDU	comp=Z,19nm,0.3s	pmx	pmx		
SUDU	comp=E,48nm,0.5s	smx	smx		
SUDU	comp=N,49nm,0.6s	smx	smx		
VASR	Vaslui	5.75 229	IP	Pn	05 57 57.0 +1.7
SEV	Sevastopol'	6.04 183	eP	Sn	05 57 58.8 -0.6
SEV		eS	Sn	05 59 09.9 +1.3	
SEV	comp=Z,7.0nm,0.3s	pmx	pmx		
SEV	comp=N,41nm,0.6s	smx	smx		
NACGM	Naroch	6.20 317	iP	Pn	05 58 03.6 +2.0
NACGM		iP	Pn	05 58 03.6 +2.0	
NACGM		iP	Pn	05 58 03.6 +2.0	
NACGM		iPP	Pn	05 58 11.2 +2.3	
NACGM		iS	Sn	05 59 13.1 +0.6	
NACGM		iSS	Sn	05 59 25.4 +1.8	
NACGM		iLO	LQ	05 59 49.9	
NACGM		iLR	LQ	00 02 02.8	
ANN	Anapa	6.21 157	eP	Sn	05 58 00.1 -1.5
ANN		eS	Sn	05 59 09.8 -2.7	
ANN	comp=Z,68nm,1.1s	pmx	pmx		
VARL	Varlez	6.27 224	IP	Pn	05 58 04.7 +2.2
TESR	Tescani	6.40 233	IP	Pn	05 58 06.1 +1.7
TESR		iS	Sn	05 59 14.2 -3.4	
BIZ	Bicaz	6.42 238	IP	Pn	05 58 06.5 +1.9
GIUM	Giurgiuilesti	6.45 220	IP	Pn	05 58 07.2 +2.3
TLCR	Schela	6.46 215	IP	Pn	05 58 07.0 +1.8
TLCR		IP	Pn	05 58 06.9 +1.8	
LVV	L'vov	6.51 267	eP	Sn	05 58 07.1 +1.3
LVV		eS	Sn	05 59 21.2 +1.1	
LVV	comp=Z,700nm,1.4s	MLR	MLR		
BUR08	Bucovina Ar. S	6.54 247	IP	Pn	05 58 07.9 +1.5
BURAR	Bucovina Array	6.54 246	IP	Pn	05 58 07.8 +1.4
BURAR		iS	Sn	05 59 18.1 -3.0	
BURAR	Bucovina Array	6.54 246	IP	Pn	05 58 07.7 +1.4
BURAR	Bucovina Array	6.54 246	IP	Pn	05 58 07.8 +1.4
SCHL	Schela	6.59 222	IP	Pn	05 58 08.4 +1.5
PETR	Petrestii	6.69 226	IP	Pn	05 58 11.3 +3.1
CFR	Carcaliu	6.73 219	IP	Pn	05 58 09.5 +0.7
CFR	Carcaliu	6.73 219	IP	Pn	05 58 10.2 +1.4
CFR		pmx	pmx		
ODBI	Odobesti	6.74 227	IP	Pn	05 58 11.9 +2.9
MORS	Morshin	6.76 262	P	Pn	05 58 14.0 +4.8
VRI	Vrincioaia	6.82 229	IP	Pn	05 58 11.4 +1.3
VRI	Vrincioaia	6.82 229	IP	Pn	05 58 11.9 +1.8
VRI		pmx	pmx		
PLOR	Plostina	6.87 229	IP	Pn	05 58 12.6 +1.9
PLOR	Plostina	6.87 229	IP	Pn	05 58 12.6 +1.9
JOSR	Joseni	6.88 239	IP	Pn	05 58 13.7 +2.7
HARR	Harsova	7.21 218	IP	Pn	05 58 17.0 +1.5
HARR	Harsova	7.21 218	IP	Pn	05 58 16.9 +1.5
TIRR	Tirgusor	7.23 214	IP	Pn	05 58 17.8 +2.1
TIRR	Tirgusor	7.23 214	IP	Pn	05 58 17.1 +1.4
TIRR	Tirgusor	7.23 214	IP	Pn	05 58 17.1 +1.4
TIRR		LR	LQ	00 00 15.2	
TLBR	Topalu	7.29 216	IP	Pn	05 58 18.3 +1.7
KWP	Kalvaria Pacla	7.39 267	eP	Pn	05 58 22.9 +4.9
KWP		eS	Sg	06 00 25.0 -2.0	
KWP	Kalvaria Pacla	7.39 267	P	Pn	05 58 19.9 +2.0
KWP	Kalvaria Pacla	7.39 267	P	Pn	05 58 19.9 +2.0
DOPR	Dopca	7.42 235	IP	Pn	05 58 20.1 +1.8
ISR	Istrita	7.46 226	IP	Pn	05 58 21.0 +2.1
ISR	Istrita	7.46 226	IP	Pn	05 58 20.7 +1.8
ISR		pmx	pmx		
MLR	Muntele Rosu	7.47 230	Pn	Pn	05 58 20.1 +1.0
MLR	comp=Z,3.3nm,0.3s,baz=17,slo=7,SNR=16	Sn	Sn	05 59 42.4 -1.4	
MLR	comp=Z,2.9nm,0.3s,baz=27,slow=16,SNR=1.9	Lg	Lg	06 00 19.4	
MLR	comp=Z,4.3nm,0.3s,baz=120,slow=23,SNR=4.3	Lg	Lg	06 00 19.4	
MLR	Muntele Rosu	7.47 230	IP	Pn	05 58 20.0 +0.9
MLR	Muntele Rosu	7.47 230	IP	Pn	05 58 19.2 +0.1
MLR		IP	Pn	05 59 42.4	
MLR	Muntele Rosu	7.47 230	IP	Pn	05 58 19.2 +0.1
MFTR	Murfatlar	7.47 213	IP	Pn	05 58 22.2 +3.2
SUW	Suwalki	7.53 301	eS	Pn	05 58 21.1 +3.4
SUW		eS	Sg	06 00 25.8 -5.5	
SUW	Suwalki	7.53 301	eS	Pn	05 58 21.2 +1.5
SUW		eS	Sn	05 59 41.6 -3.4	
SUW	Suwalki	7.53 301	eS	Pn	05 58 22.1 +2.4
SUW	Suwalki	7.53 301	eS	Pn	05 58 22.1 +2.4
BMR	Baia Mare	7.54 251	IP	Pn	05 58 25.1 +2.2
BMR	Baia Mare	7.54 251	IP	Pn	05 58 23.5 +3.6
BMR		pmx	pmx		
TRSU	Trosnyk	7.69 255	P	Pn	05 58 24.0 +2.0
KOLS	Kolonickie sedl	7.84 262	eP	Pn	05 58 28.1 +4.1
KOLS		eS	Pn	05 59 54.9	
KOLS	Kolonickie sedl	7.84 262	eP	Pn	05 58 28.1 +4.1
KOLS		eS	Pn	05 59 54.9 +2.2	
PABE	Paberze	7.85 313	eP	Sg	06 00 41.6 +0.3
MDB	Medias	7.85 239	IP	Pn	05 58 25.1 +1.0
MDB		eS	Pn	05 58 25.9 +1.7	
UZH	Uzhgorod	7.92 260	eP	Pn	05 58 28.0 +2.9
UZH		eS	Sn	05 59 59.0 +4.4	
VOIR	VOIR	7.95 233	IP	Pn	05 58 27.0 +1.3
VOIR		iS	Sn	05 59 52.3 -3.3	
VOIR		iS	Sn	05 58 26.9 +1.2	
VOIR	comp=Z,19nm,0.7s	pmx	pmx		
CJR	Cluj-Napoca	7.96 245	IP	Pn	05 58 27.5 +1.7
CJR		eS	Sn	05 59 53.2 -2.6	
CJR	Cluj-Napoca	7.96 245	IP	Pn	05 58 27.4 +1.7
GOF	Gofitskoje	8.17 129	eP	Pn	05 58 28.1 -0.5
GOF		eS	Sn	05 59 59.8 -1.0	
GOF	comp=Z,122nm,0.5s	pmx	pmx		
GOF	comp=E,108nm,1.2s	smx	smx		
GOF	comp=N,181nm,0.9s	smx	smx		
CRVS	Cervenica-Dubn	8.36 263	eP	Pn	05 58 32.7 +1.5
CRVS	Cervenica-Dubn	8.36 263	eP	Pn	05 58 32.7 +1.5
DRGR	DRGR	8.43 248	IP	Pn	05 58 34.1 +1.8
DRGR		iS	Sn	06 00 03.8 -3.7	
DRGR		iS	Sn	05 58 34.4 +2.1	
DRGR		pmx	pmx		
BEL	Belsk	8.46 284	eP	Pn	05 58 36.3 +3.8
BEL		eS	Sn	05 00 08.6 +0.7	
BEL	Belsk	8.46 284	eP	Pn	05 58 35.2 +2.7
BEL		pmx	pmx		
LOT	Lotru	8.62 237	IP	Pn	05 58 35.7 +0.8
BELG	Belogoroye	8.64 73	Pn	Pn	05 58 35.3 +0.4
BELG	comp=Z,12nm,0.3s,baz=249,slow=3,SNR=26	Lg	Lg	06 01 00.1	

BELG	comp=Z,12nm,0.3s,baz=274,slow=23,SNR=10	LR	LR	06 01 09.1	
BELG	comp=Z,39nm,20.3s,baz=328,slow=32	LR	LR	06 01 09.1	
KIV	Belogoroye	8.64 73	eP	Pn	05 58 35.0 +0.1
KIV	Kislovodsk	8.83 135	eP	Pn	05 58 41.6 +1.6
KIV		eS	Pn	06 00 15.5 -1.7	
KIV	comp=Z,54nm,0.9s	pmx	pmx		
KIV	comp=Z,31nm,10.0s	MLR	MLR		
KIV	Kislovodsk	8.83 135	Pn	Pn	05 58 36.6 -1.1
KVAR	Kislovodsk Arr	8.83 135	Sn	Sn	05 58 10.3 -2.4
KVAR	baz=294,slow=12,SNR=2.4				
NIE	Niedzica	8.97 268	eP	Pn	05 58 40.9 +1.3
NIE		eS	Pn	05 58 20.8 +0.2	
NIE	Niedzica	8.97 268	eP	Pn	05 58 41.1 +1.5
NIE		pmx	pmx		
VSU	comp=Z,38nm,0.7s				
VSU	Vasula	8.98 334	eP	Pn	05 58 42.4 +2.8
VSU		eS	Pn	06 00 17.6 -3.1	
VSU	Vasula	8.98 334	eS	Pn	05 58 41.7 +2.1
PBUR	Paburge	9.10 312	eP	Pn	05 58 41.5 +0.3
KBZ	Khabaz	9.10 135	eP	Pn	05 58 40.2 -1.1
KBZ	comp=Z,5.5nm,0.3s,baz=71.2,slow=5.7,SNR=49				
KBZ	comp=Z,3.0nm,0.3s,baz=1.2,slow=15,SNR=3.6				
KBZ	Khabaz	9.10 135	eP	Pn	05 58 40.4 -0.9
KECS	Kecovo	9.10 262	eP	Pn	05 58 42.5 +1.2
KECS		eP	Pn	06 00 20.1	
KECS	Kecovo	9.10 262	eP	Pn	05 58 42.5 +1.2
KECS		eS	Sn	06 00 20.1 -3.7	
OJC	Ojcov	9.14 273	eP	Pn	05 58 42.0 +0.1
OJC		eS	Pn	06 00 23.3 -1.6	
OJC	Ojcov	9.14 273	Pn	Pn	05 58 41.8 -0.1
OJC	Ojcov	9.14 273	Pn	Pn	05 58 41.8 -0.1
GZR	Gura Zlata	9.19 240	IP	Pn	05 58 40.9 +1.3
LANS	Liptovska Anna	9.56 267	eP	Pn	05 58 49.4 +1.7
LANS		eP	Pn	06 00 33.6	
LANS	Liptovska Anna	9.56 267	eP	Pn	05 58 49.4 +1.7
LANS		eS	Sn	05 58 33.6 -1.5	
LANS	Piszkesteto	9.66 259	IP	Pn	05 58 50.4 +3.5
PSZ	Piszkesteto	9.66 259	P	Pn	05 58 50.2 +1.0
PSZ	Piszkesteto	9.66 259	Pn	Pn	05 58 50.2 +1.0
BZS	Buzias	9.71 244	IP	Pn	05 58 50.7 +1.0
BZS	Buzias	9.71 244	IP	Pn	05 58 51.1 +1.4
BZS		pmx	pmx		
PRTR	Prirechnaya	9.73 131	eP	Pn	05 58 48.3 -1.6
LSNR	Lesken	9.87 134	eP	Pn	05 58 50.6 -1.4
SLIT	Slitere, Latvi	9.89 320	eP	Pn	05 58 52.0 -0.1
MTSE	Matsula	10.09 328	eP	Pn	05 58 56.5 +1.8
MDVR	Moldovita	10.16 240	IP	Pn	05 58 57.1 +1.1
ONI	Oni	10.25 138	eP	Pn	05 58 58.1 +0.9
BUD	Budapest	10.37 258	eP	Pn	05 58 57.7 -1.1
BUD		pmx	pmx		
MORC	Moravsky Berou	10.65 272	eP	Pn	05 59 01.4 -1.2
MORC		eS	Sn	06 00 57.3 -4.6	
MORC	Moravsky Berou	10.65 272	P	Pn	05 59 01.8 -0.8
MORC	Moravsky Berou	10.65 272	Pn	Pn	05 59 01.8 -0.8
KLMR	Klimovskoe	10.74 14	eP	Pn	05 59 02.9 -0.8
KLMR		pmx	pmx		
KLMR	comp=Z,13nm,0.5s				
KLMR	Klimovskoe	10.74 14	eP	Pn	05 59 02.9 -0.8
KLMR		AMP			
KLMR	comp=Z,13nm,0.5s				
KLMR		eS	Sn	06 01 04.1 +0.3	
KLMR		eS	Sn	06 01 04.1 +0.3	
KLMR		iLg	Lg	06 02 09.3	
ANTO	Ankara	10.75 185	P	Pn	05 59 03.1 -0.9
ANTO	Ankara	10.75 185	Pn	Pn	05 59 03.1 -0.9
GKP	Gorka Klasztor	10.76 291	eP	Pn	05 59 04.7 +0.8
GKP		eS	Pn	05 59 01.7 -3.0	
GKP	Gorka Klasztor	10.76 291	eP	Pn	05 59 05.5 +1.6
GKP		eS	Sn	06 00 59.4 -4.9	
GKP	Gorka Klasztor	10.76 291	eP	Pn	05 59 04.8 +0.8
GKP		pmx	pmx		
JAVC	Velka Javorina	10.78 267	eP	Pn	05 59 04.8 +0.4
VTS	Vitoshka	10.91 227	IP	Pn	05 59 08.0 +1.7
VTS	Vitoshka	10.91 227	IP	Pn	05 59 08.0 +1.7
VTS		pmx	pmx		
KRLC	Kraliky	11.09 274	eP	Pn	05 59 07.5 -1.1
KRLC		eP	Pn	06 01 09.2	
KRLC	Kraliky	11.09 274	eP	Pn	05 59 07.5 -1.1
KRLC		eS	Sn	06 01 04.2 -3.3	
MODS	Modra-Piesok	11.17			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNET Serv Nac Est T, BOQS Boqueron, UESS Universidad de UES, etc.

IDC 03 06:30:19.5z-2.7, 24.125x179.97E, h482km, 27km, mb3.7/12, mb1 3.8/14, mb1mx3.5/5.1, mbtmp4.5/14, Error ellipse: s-maj=22.6km s-min=15.8km az=58.0

ISC 03 06:30:22.8z-0.7, 24.08S-0.07, 179.9E-0.1, h526km, n69, a160.7z, mb4.2/19, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLKZ Green Lake, MIZUF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARMA Armidale, CTAO Charters Tower, STKA Stephen Creek, etc.

IDC 03 06:35:51.1z-1.1, 0.88N-123.69E, h0km, mb3.9/5, mb1 4.0/6, mb1mx3.7/48, mbtmp3.9/6, ML4.0/1, Error ellipse: s-maj=107.7km s-min=17.7km az=68.0, Minahasa Peninsula, Sulawesi

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, etc.

IDC 03 06:36:46.7z-5.1, 20.92Sx169.21E, h62km, 43km, mb3.6/6, mb1 3.9/7, mb1mx3.7/38, mbtmp3.9/7, ML2.9/1, MS3.6/6, Ms1 3.6/6, ms1mx3.3/41, Error ellipse: s-maj=83.7km s-min=35.5km az=153.0

ISC 03 06:36:44.5z-1.7, 20.88S-0.4, 169.5E-0.3, h50km, n14, STC 03 99/12, mb3.8/6, MS3.6/3, Vanuatu Islands

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

NNC 03 06:36:59.4z-1.1, 54.53N-86.37E, h0km, mb2.6, mpv2.6, Error ellipse: s-maj=28.3km s-min=5.8km az=151.0, Suspected Mining explosion.

IDC 03 06:37:01.6z-2.7, 54.21N-86.47E, h0km, mb1 2.8/2, mb1mx2.8/50, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=21.3km s-min=13.5km az=55.0

ISC 03 06:37:03.0z-0.9, 54.6N-0.7, 83.83E-0.08, h0km, n7, a0877.17, 4C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB, MK31 Makanchi Array, etc.

IDC 03 06:55:30.3z-0.9, 27.33N-140.35E, h413km, 14km, mb3.0/4, mb1 3.2/4, mb1mx2.6/50, mbtmp3.7/4, Error ellipse: s-maj=42.0km s-min=21.5km az=87.0, Bonin Islands region

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

NNC 03 07:03:20.4z-0.4, 50.02N-78.76E, h0km, mb2.7, mpv2.4, Error ellipse: s-maj=13.5km s-min=1.6km az=71.0, Suspected Mining explosion.

IDC 03 07:03:21.6z-1.0, 50.08N-78.81E, h0km, mb1 2.7/2, mb1mx2.7/48, mbtmp2.7/2, ML2.1/2, Error ellipse: s-maj=11.3km s-min=6.6km az=62.0

ISC 03 07:03:21.1z-1.1, 50.01N-0.06, 78.7E-0.1, h0km, n16, a0512/25, 17C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

MK2 Makanchi 3.90 144 Lg Pg 07 05 21.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MK31, MK31, MKAR Makanchi Array, etc.

IDC 03 07:05:35.0z-1.0, 27.91N-52.60E, h0km, mb4.0/18, mb1 4.1/23, mb1mx3.9/55, mbtmp4.0/23, ML4.0/5, MS2.9/4, Ms1 2.9/4, ms1mx2.7/62, Error ellipse: s-maj=22.2km s-min=15.9km az=168.0

TEH 03 07:05:36.5z-2.7, 94N-52.76E, h20km, ML4.1, OMAN 03 07:05:38.9z-0.7, 27.80N-52.76E, h19km, 3km, mb5.5/12, m4.1/11, Error ellipse: s-maj=4.9km s-min=1.9km az=65.0

SGS 03 07:05:38.7z-28.03N-52.63E, h2km, M4.1, NEIC 03 07:05:38.1z-1.4, 27.9N-0.2, 52.7E-0.2, h30km, 10km, Error ellipse: s-maj=32.4km s-min=12.7km az=138.0

DSN 03 07:05:39.6z-0.7, 27.84N-52.70E, h43km, ML4.4/8, Error ellipse: s-maj=9.6km s-min=4.5km az=15.0

THR 03 07:05:42.3z-0.7, 28.22N-52.62E, h46km, 7km, ML4.2, ISC 03 07:05:36.8z-0.4, 27.87N-0.03, 52.69E-0.03, h15km, n141, a1157/154, mb4.0/22, 12, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LMD1 Lamerd, QIR1 JHRM, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like MSFE Esma-Masafi, ASUD AI Ashush, FAQA AI Faqa, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like ZALVO Zalesovo Beam, FINESS FINESS Array B, NOARS NORARS Subarray, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like PLK1 Peulik I, SII Sitkinak Island, KABU Katmai Buttes, etc.

HYT	comp-Z,779nm,1.3s	IAMB	IAMB	07 21 33.9	
SIT	Sitka	19.72 63	P	P	07 21 22.8 -0.1
SIT	comp-Z,159nm,1.1s		Pmax		
SIT	Sitka	19.72 63	P	P	07 21 22.8 -0.1
PET	Petrovsk	19.73 285	eP	P	07 21 21.8 -1.4
PET			eS	P	07 24 56.1 -8.5
PET	comp-Z,3um,6.6s		Pmax	Pmax	
PET	comp-Z,160nm,1.4s		Pmax	Pmax	
PET	comp-Z,7um,21.0s	19.73 285	P	P	07 21 23.8 +0.6
PET			IAMB	IAMB	07 21 41.1
A21K	Barrow	19.81 11	P	P	07 21 22.8 -1.0
A21K	Barrow	19.81 11	P	P	07 21 23.5 -0.4
SKAG	Skagway	19.84 56	P	Pn	07 21 26.6 +0.6
BESE	Bessie Mountain	20.01 58	P	P	07 21 26.1 -0.1
BESE			IAMB	IAMB	07 21 48.3
BESE	comp-Z,311nm,1.1s		IAMS_20	IAMS_20	07 29 48.4
WHY	Whitehorse	20.23 52	P	Pn	07 21 29.7 -0.9
WHY			IAMS_20	IAMS_20	07 30 34.5
JIS	Juneau Island	20.24 59	P	Pn	07 21 29.9 -0.8
JIS			IAMB	IAMB	07 21 54.1
PEAOB	Petrovsk	20.28 286	eP	P	07 21 28.6 -0.6
PEAOB	Petrovsk	20.28 286	eP	P	07 21 28.7 -0.5
PEAOB			IAMB	IAMB	07 21 44.1
PETK	Petrovsk	20.28 286	P	P	07 21 28.8 -0.4
PETK	comp-Z,100nm,0.5s,baz=88,slow=13,SNR=278		PcP	PcP	07 25 43.7 +1.7
PETK	comp-Z,12nm,0.9s,baz=74,slow=8.0,SNR=33.5		LR	LR	07 29 46.3
PETK	comp-Z,4um,20.7s,baz=93,slow=38		P	P	07 21 28.0 -1.2
PETK	Petrovsk	20.28 286	P	P	07 21 28.0 -1.2
CRAG	Craig	21.04 67	P	P	07 21 40.0 +2.7
CRAG			IAMB	IAMB	07 22 11.8
WRAK	Wrangell Island	21.38 65	IAMS_20	IAMS_20	07 30 37.4
DLBC	Dease Lake	22.54 59	P	P	07 21 54.3 +0.8
DLBC	Dease Lake	22.54 59	P	P	07 21 53.7 +0.2
DLBC			IAMS_20	IAMS_20	07 31 24.3
SEY	Seymchan	23.01 313	P	P	07 21 57.9 -0.3
SEY			IAMS_20	IAMS_20	07 31 23.6
SEY	comp-Z,19nm,0.8s,baz=165,slow=2.1,SNR=5.4		LR	LR	07 25 48.3 +1.1
SEY	comp-Z,8um,18.1s,baz=107,slow=38		P	P	07 21 58.0 -0.3
SEY	Seymchan	23.01 313	P	P	07 21 58.3 -1.3
INK	Inuvik	23.14 33	P	P	07 25 48.8 +1.4
INK	comp-Z,37nm,0.7s,baz=229,slow=11,SNR=90		PcP	PcP	07 21 57.4 -2.2
INK	comp-Z,18nm,0.9s,baz=293,slow=4.3,SNR=3.1		P	P	07 21 57.4 -2.2
INK	Inuvik	23.14 33	P	P	07 21 57.4 -2.2
INK			IAMB	IAMB	07 22 04.2
INK	comp-Z,284nm,1.6s		MLR	MLR	07 31 47.5
MA2	Magadan	23.52 304	P	P	07 22 04.2 +0.8
MA2	comp-Z,25nm,0.6s,baz=82,slow=9.5,SNR=20		PcP	PcP	07 25 49.3 +1.0
MA2	comp-Z,4.4nm,0.5s,baz=102,slow=4.3,SNR=9.3		P	P	07 22 03.2 -0.2
MA2	Magadan	23.52 304	eP	P	07 22 03.2 -0.2
MA2			Pmax	Pmax	
MA2	comp-Z,168nm,2.5s		P	P	07 22 03.2 -0.2
BBB	Bella Bella	24.60 74	P	P	07 22 13.9 +0.3
C36M	Paulatuk	26.72 34	P	P	07 22 31.8 -0.9
C36M	comp-Z,42nm,1.0s,baz=276,slow=5.8,SNR=3.1		P	P	07 22 31.8 -0.9
C36M	Paulatuk	26.72 34	P	P	07 22 31.8 -0.9
C36M			IAMS_20	IAMS_20	07 34 01.9
D03D	Eldon	29.34 81	P	P	07 22 57.0 +0.7
B05A	Bryant	29.62 79	P	P	07 22 59.0 +0.3
D04E	Lakebay	29.70 81	P	P	07 22 59.6 +0.2
TYV	Tymovskoe	29.82 287	eP	P	07 23 01.1 +0.7
TYV			eS	P	07 28 00.2 +4.3
TYV	comp-Z,22nm,1.5s		Pmax	Pmax	
TYV	comp-Z,600nm,4.5s		Pmax	Pmax	
TYV			smax	smax	
B06A	Marblemount	29.88 78	P	P	07 23 01.9 +0.9
B06A			IAMS_20	IAMS_20	07 33 35.6
YKA	Yellowknife Ar	29.95 49	P	P	07 23 01.8 +0.3
YKA	comp-Z,14nm,0.6s,baz=274,slow=7.0,SNR=104		PcP	PcP	07 26 05.1 +1.7
YKA	comp-Z,7.5nm,0.8s,baz=282,slow=1.5,SNR=7.5		ScP	ScP	07 29 45.0 +0.7
YKA	comp-Z,3.5nm,1.0s,baz=292,slow=2.5,SNR=6.9		LR	LR	07 37 07.3
F04D	Rainier, OR	30.07 84	P	P	07 23 02.2 -0.5
F04D	comp-Z,299		P	P	07 23 03.6 +0.5
NKL	Nikolayevsk	30.16 292	eP	P	07 22 56.9 -6.4
NKL			eS	P	07 27 52.8 -8.3
NKL	comp-E,86nm,0.9s		Pmax	Pmax	
NKL	comp-N,20nm,1.4s		Pmax	Pmax	
NKL	comp-E,53nm,1.6s		smax	smax	
NKL	comp-E,40nm,0.7s		smax	smax	
NKL	comp-N,10.0nm,0.5s		MLR	MLR	
NKL	comp-N,166nm,12.0s		MLR	MLR	
NKL	comp-E,974nm,17.0s		MLR	MLR	
G05A	Enumclaw	30.17 81	P	P	07 23 05.4 +1.8
G03D	McMinnville, O	30.34 85	P	P	07 23 05.2 +0.1
G03D	baz=300		P	P	07 23 07.3 +0.9
LOH	Longmire	30.48 82	P	P	07 23 07.3 +0.9
LOH	comp-Z,203nm,2.0s		Pmax	Pmax	
LOH	comp-Z,2um,20.0s		MLR	MLR	
LOH	Longmire	30.48 82	P	P	07 23 07.3 +0.9
LOH			IAMB	IAMB	07 23 31.4
C06D	Leavenworth	30.50 79	P	P	07 23 07.0 +0.5
I02D	Swissmore	30.55 87	P	P	07 23 06.9 0.0
COR	Corvallis	30.64 86	P	P	07 23 10.0 +2.3
COR			Pmax	Pmax	
LTY	Liberty	30.93 80	P	P	07 23 11.0 +0.5
LTY	comp-Z,83nm,1.3s		IAMB	IAMB	07 23 34.8
LTY	comp-Z,152nm,1.7s		IAMS_20	IAMS_20	07 34 11.5
J01E	Myrtle Point	31.01 89	P	P	07 23 10.8 -0.1
H04D	Lebanon	31.02 86	P	P	07 23 11.0 -0.1
I03D	Drain, OR	31.07 88	P	P	07 23 12.0 +0.4
F05D	White Salmon	31.11 83	P	P	07 23 12.9 +1.0

B08A	Colville Reser	31.24 77	P	P	07 23 13.3 +0.2
B08A	comp-Z,151nm,1.5s		IAMB	IAMB	07 23 17.4
H04A	Detroit Lake	31.27 85	P	P	07 23 14.3 +1.0
H04A			IAMB	IAMB	07 23 17.7
YSS	Yuzh-Sakhalins	31.42 280	eP	P	07 23 14.0 -0.6
YSS	comp-Z,134nm,1.2s		eS	P	07 23 24.3
YSS			eS	P	07 28 20.0 -1.0
YSS	comp-Z,30nm,0.8s		Pmax	Pmax	
YSS			MLR	MLR	
YSS	comp-Z,3um,15.0s		P	P	07 23 14.4 -0.1
YSS	Yuzh-Sakhalins	31.42 280	P	P	07 23 28.9
YSS	comp-Z,153nm,1.5s		IAMS_20	IAMS_20	07 34 24.2
K02D	Willamette Mer	31.43 90	P	P	07 23 14.9 +0.1
G05D	Wamic, OR	31.52 84	P	P	07 23 15.7 +0.2
I04A	Tendick Farm	31.60 87	P	P	07 23 15.9 -0.4
E07A	Sunnyside	31.76 81	P	P	07 23 19.1 +1.5
E07A			IAMB	IAMB	07 23 23.0
L02E	Cave Junior	31.77 90	P	P	07 23 18.3 +0.6
HUMO	Hull Mountain	31.91 89	P	P	07 23 18.7 -0.3
I05D	Terrebonne, OR	31.97 85	P	P	07 23 20.3 +0.8
HAWA	Hanford	32.03 81	P	P	07 23 20.4 +0.4
HAWA			IAMB	IAMB	07 23 24.5
F07A	Phinny Hill Vi	32.04 82	P	P	07 23 21.5 +1.5
F07A			IAMB	IAMB	07 23 25.4
J04D	Umpqua Nationa	32.08 88	P	P	07 23 21.8 +1.1
D08A	Wolman Farm	32.09 79	P	P	07 23 21.0 +0.5
D08A	comp-Z,100nm,1.3s		IAMB	IAMB	07 23 24.4
C09A	Chrisman Ranch	32.13 78	P	P	07 23 21.4 +0.5
C09A			IAMB	IAMB	07 23 24.9
KHMM	Horse Mountain	32.42 93	P	P	07 23 24.4 +0.8
KHMM	comp-Z,200nm,1.5s		IAMB	IAMB	07 23 44.9
KHMM	comp-Z,80nm,1.0s		IAMS_20	IAMS_20	07 35 42.3
PINE	Pine Mountain	32.50 86	P	P	07 23 25.6 +1.3
PINE	comp-Z,3um,19.0s		IAMB	IAMB	07 23 39.3
L04D	Klamath Falls	32.53 89	P	P	07 23 25.4 +0.9
YBH	Yreka Blue Hor	32.55 90	P	P	07 23 25.5 +0.8
YBH	comp-Z,1.4nm,0.8s,baz=289,slow=6.6,SNR=30		P	P	07 23 26.1 +1.4
YBH	Yreka Blue Hor	32.55 90	P	P	07 23 26.1 +1.4
YBH			Pmax	Pmax	
YBH	comp-Z,128nm,1.6s		IAMB	IAMB	07 23 26.2 +1.4
J05D	Fort Rock, OR	32.59 87	P	P	07 23 25.8 +0.7
NEW	Newport	32.61 76	P	P	07 23 26.0 +0.9
NEW	comp-Z,27nm,0.8s,baz=298,slow=6.4,SNR=36		P	P	07 23 25.7 +0.6
NEW	Newport	32.61 76	P	P	07 23 25.7 +0.6
NEW	comp-Z,297,SNR=34		P	P	07 23 25.2 +0.1
NEW	comp-Z,82nm,1.3s		Pmax	Pmax	
NEW	Newport	32.61 76	P	P	07 23 25.2 +0.1
NEW			IAMB	IAMB	07 23 42.6
K04D	Chiloquin, OR	32.64 88	P	P	07 23 25.6 +0.1
M02C	Callahan	32.66 91	P	P	07 23 27.1 +1.4
E09A	Wood Farm, Sta	32.81 80	P	P	07 23 27.6 +0.8
E09A			IAMB	IAMB	07 23 31.5
E09A	comp-Z,201nm,1.4s		IAMS_20	IAMS_20	07 35 37.1
KMRM	Mail Ridge	32.83 93	P	P	07 23 28.5 +1.4
G08A	Pilot Rock	32.93 82	P	P	07 23 26.3 -1.7
G08A			IAMB	IAMB	07 23 32.8
JKA	Kamikawa-asahi	32.93 275	P	P	07 23 27.4 -0.5
JKA	comp-Z,110nm,1.0s		IAMS_20	IAMS_20	07 36 25.4
ASAJ	Asahikawa	32.94 275	P	P	07 23 28.7 +0.8
ASAJ	comp-Z,5um,20.0s		LR	LR	07 36 26.3
ASAJ	comp-Z,36nm,0.8s,baz=6.1,slow=6.2,SNR=13		P	P	07 23 27.4 -0.5
ASAJ	Asahikawa	32.94 275	P	P	07 23 27.4 -0.5
ASAJ			Pmax	Pmax	
ASAJ	comp-Z,110nm,1.0s		MLR	MLR	
TIXI	Tiksi	32.99 329	P	P	07 23 26.9 -1.2
TIXI			IAMS_20	IAMS_20	07 38 59.8
N02D	Trinity Center	33.00 92	P	P	07 23 30.0 +1.4
M04C	Macdoel	33.06 90	P	P	07 23 30.5 +1.3
K05A	Summer Lake	33.11 87	P	P	07 23 28.7 -1.0
K05A			IAMB	IAMB	07 23 47.2
I07A	Izee	33.22 84	P	P	07 23 30.9 +0.4
I07A	comp-Z,106nm,1.5s		IAMB	IAMB	07 24 06.1
KCPM	Cahto Peak	33.23 94	P	P	07 23 32.1 +1.4
KCPM			IAMB	IAMB	07 23 53.2
WDC	Whiskeytown Da	33.33 92	P	P	07 23 31.4 0.0
WDC	comp-Z,123nm,1.3s		P	P	07 23 31.4 0.0
WDC	Whiskeytown Da	33.33 92	P	P	07 23 31.4 0.0
WDC			Pmax	Pmax	
WDC	comp-Z,58nm,1.1s		IAMB	IAMB	07 23 52.9
O02D	Mt. Diablo Mer	33.42 93	P	P	07 23 33.6 +1.3
O02D	baz=307,SNR=26		P	P	07 23 32.8 +0.1
GRNR	Gornyy	33.49 290	iP	P	07 28 55.3 +2.0
GRNR			eS	P	
GRNR	comp-N,20nm,1.0s		Pmax	Pmax	
GRNR	comp-E,30nm,1.0s		Pmax	Pmax	
GRNR	comp-Z,70nm,1.0s		Pmax	Pmax	
GRNR	comp-N,6.0nm,0.9s		MLR	MLR	
YAK	comp-N,2um,16.0s	33.52 311	P	P	07 23 32.3 -0.5
YAK	comp-N,16nm,0.4s,baz=88,slow=4.8,SNR=7.1		PcP	PcP	07 26 13.9 +0.9
YAK	comp-N,8.2nm,0.4s,baz=9.8,slow=1.6,SNR=4.7		eP	P	07 23 30.7 -2.1
YAK	Yakutsk	33.52 311	eP	P	07 23 42.3 +0.6
YAK			ePPP	PPP	07 24 49.7
YAK			eS	P	07 26 12.2
YAK			eS	P	07 28 49.9 -3.5
YAK			eSS	P	07 30 54.7 -1.1
YAK	comp-Z,34nm,0.9s		Pmax	Pmax	
YAK	comp-E,19nm,1.4s		smax	smax	
YAK	comp-N,155nm,5.0s		smax	smax	
YAK	comp-E,164nm,4.3s		MLR	MLR	
YAK	comp-Z,10um,24.0s		MLR	MLR	
YAK	comp-N,4um,21.0s		MLR	MLR	
YAK	comp-E,6um,21.0s		P	P	07 23 31.3 -1.5
YAK	Yakutsk	33.52 311	P	P	07 23 31.3 -1.5

YAK	comp-Z,62nm,0.8s	IAMB	IAMB	07 23 45.1	
F10A	Beach Ranch, E	33.63 80	P	P	07 23 34.2 +0.1
F10A	comp-Z,75nm,1.1				

Table with columns for ISCO, IAMS_20, IAMS_20, 07 42 37.9, and various farm names like Saiyo, Petrified Fore, etc.

Table with columns for 2015 FEB, 48.30 72 P P, 07 25 34.4 -0.4, and various farm names like Svendsen Farm, Marine on St., etc.

Table with columns for 3d 7h, 51.23 67 P P, 07 25 56.0 -1.0, and various farm names like Jewell Farm, Wichita Mounta, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, etc. Includes stations like H57A, D59A, VBMS, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, etc. Includes stations like FPAL, Y49A, H60A, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, etc. Includes stations like L61A, H63A, BATG, etc.

2015 FEB

Table with columns for call sign, name, frequency, mode, and various performance metrics. Includes sections for 3d 7h, MKAR, KONO, and other call signs.

P48A	comp=Z,36nm,1.1s	I	Amb	I	Amb	07 37 18.6			
CCAR	Cane Creek	56.34	77	P	P	07 37 04.1	+1.1		
O49A	Covington	56.37	66	P	P	07 37 02.1	-1.0		
X43A	Marvell	56.46	76	P	P	07 37 03.0	-0.9		
D55A	Sainte-Anne-du	56.48	55	P	P	07 37 02.7	-1.1		
H53A	Bobcaygeon	56.53	59	P	P	07 37 02.4	-1.9		
E55A	Montcerf-Lytto	56.57	56	P	P	07 37 03.2	-1.2		
ANGG	Ammassalik, Gr	56.58	22	eP	I	07 37 03.4	-0.8		
ANGG	comp=Z,60nm,1.1s					07 37 04.7			
WCI	Wyandotte Cave	56.59	69	P	P	07 37 03.1	-1.7		
P49A	Miami Univ. Ec	56.60	67	P	P	07 37 03.0	-1.8		
P49A	Miami Univ. Ec	56.60	67	P	P	07 37 03.9	-0.9		
HKT	Hockley	56.67	83	i	P	07 37 05.2	-0.1		
HKT	comp=Z,6.0nm,1.2s								
HKT	Hockley	56.67	83	P	P	07 37 05.7	+0.3		
D56A	ZEC Mazanza, M	56.82	55	P	P	07 37 05.0	-1.2		
N51A	Ashland	56.97	64	P	P	07 37 06.3	-1.1		
N51A						07 37 30.7			
T47A	Sharon Grove	56.97	71	P	P	07 37 07.1	-0.4		
T47A						07 37 09.9			
PLVO	Plevna	57.01	58	P	P	07 37 07.2	-0.4		
PLVO						07 37 29.8			
W45A	Hickory Valley	57.02	74	P	P	07 37 08.4	+0.6		
E56A	St. Veronique	57.02	55	P	P	07 37 06.5	-1.2		
HAMF	Hammerfest	57.04	355	eP	P	07 37 06.8	-0.6		
ACSO	Alum Creek Sta	57.10	65	P	P	07 37 06.8	-1.5		
ACSO	Alum Creek Sta	57.10	65	P	P	07 37 07.3	-1.0		
ACSO						07 38 01.6			
M52A	Chesterland	57.10	63	P	P	07 37 07.7	-0.7		
M52A						07 37 56.1			
WVT	Waverly	57.14	72	P	P	07 37 07.9	-0.8		
WVT	Waverly	57.14	72	P	P	07 37 07.9	-0.8		
WVT	comp=Z,28nm,1.1s								
WVT	Waverly	57.14	72	P	P	07 37 07.9	-0.8		
OXF	Oxford	57.34	75	P	P	07 37 08.6	-1.4		
OXF	Oxford	57.34	75	P	P	07 37 09.5	-0.5		
OXF	comp=Z,120nm,1.1s								
OXF	Oxford	57.34	75	P	P	07 37 09.5	-0.5		
143A	Socs Landing,	57.41	77	P	P	07 37 12.2	+1.6		
L53A	Girard	57.42	62	P	P	07 37 09.0	-1.6		
ERPA	Erie	57.45	62	P	P	07 37 09.1	-1.7		
M53A	WI Miller and	57.55	63	P	P	07 37 10.3	-1.1		
M53A	WI Miller and	57.55	63	P	P	07 37 10.4	-1.0		
M53A						07 37 34.7			
E57A	Chemin Saint G	57.56	55	P	P	07 37 10.4	-1.2		
LATQ	La Tuque	57.57	53	P	P	07 37 10.4	-1.1		
R50A	Paris	57.68	68	P	P	07 37 11.2	-1.2		
R50A						07 37 14.8			
KEV	Kevo	57.72	354	P	P	07 37 11.1	-1.1		
KEV	comp=Z,55nm,0.9s								
KEV	Kevo	57.72	354	P	P	07 37 11.1	-1.1		
D58A	Chemin du LacG	57.72	54	P	P	07 37 10.8	-1.8		
Q51A	Peebles	57.72	67	P	P	07 37 11.2	-1.5		
Q51A						07 37 37.4			
ZAAO	Zalesovo Beam	57.76	318	P	P	07 37 12.4	-0.4		
ZALV	Zalesovo Beam	57.76	318	P	P	07 37 12.6	-0.2		
ZALV	comp=Z,5.5nm,0.5s,baz=38,slow=7.5,SNR=22								
ZALV	Zalesovo Beam	57.76	318	i	P	07 37 12.6	-0.2		
ZALV									
ZALV	comp=Z,5.0nm,0.5s								
ZALV	Zalesovo Beam	57.76	318	P	P	07 37 12.2	-0.6		
PLAL	Pickwick Lake	57.80	73	P	P	07 37 12.3	-1.0		
PLAL						07 37 15.5			
O52A	Adamsville	57.82	65	P	P	07 37 12.6	-0.8		
WVNY	West Valley, N	58.00	61	P	P	07 37 14.1	-0.6		
WVNY						07 37 17.7			
E58A	La Victoria	58.02	54	P	P	07 37 12.6	-2.1		
ARAO	ARCESS Array S	58.03	354	eP	P	07 37 14.1	-0.4		
ARCES	ARCESS Array B	58.03	354	P	P	07 37 14.0	-0.5		
ARCES	comp=Z,29nm,0.8s,baz=3.7,slow=7.0,SNR=45								
ARCES	ARCESS Array B	58.03	354	P	P	07 37 14.3	-0.2		
ARCES									
ARCES	comp=Z,26nm,0.9s								
ARCES	ARCESS Array B	58.03	354	P	P	07 37 14.3	-0.2		
ARCES						07 37 15.5			
G57A	Newington	58.04	56	P	P	07 37 12.4	-2.4		
CLTN	Cedars of Leba	58.04	71	P	P	07 37 14.9	-0.1		
M54A	Oil Creek Stat	58.05	62	P	P	07 37 13.3	-1.7		
O53A	New Philadelph	58.07	64	P	P	07 37 13.1	-2.0		
U49A	Red Boiling Sp	58.07	70	P	P	07 37 14.0	-1.2		
U49A						07 37 37.8			
T60A	Tromso	58.25	357	eP	P	07 37 16.2	+0.3		
N54A	Moraine State	58.25	63	P	P	07 37 15.2	-1.2		
N54A									
N54A	Moraine State	58.25	63	P	P	07 37 14.9	-1.5		
T50A	Nancy	58.26	69	P	P	07 37 15.5	-1.0		
H57A	Richville	58.27	57	P	P	07 37 15.3	-1.2		
D59A	Saint-Raymond	58.29	53	P	P	07 37 15.6	-1.0		
G58A	Ormsdown	58.48	56	P	P	07 37 16.6	-1.3		
K56A	Middlesex	58.48	60	P	P	07 37 17.1	-1.0		
I57A	Carthage	58.50	58	P	P	07 37 16.9	-1.2		
P53A	Whipple	58.50	65	P	P	07 37 18.0	-0.1		
M55A	Ridgway	58.56	62	P	P	07 37 18.4	-0.3		
O54A	Avella	58.58	64	P	P	07 37 17.7	-1.0		
LONY	Lake Ozonia	58.58	57	P	P	07 37 16.6	-2.0		
F59A	Saint Guilaume	58.63	55	P	P	07 37 17.8	-1.2		
KTK1	Kautokeino	58.68	355	eP	P	07 37 18.5	-0.5		
J57A	Williamstown	58.69	58	P	P	07 37 17.8	-1.6		
J57A	Williamstown	58.69	58	P	P	07 37 18.9	-0.5		
L56A	Greenwood	58.75	60	P	P	07 37 18.0	-1.9		
L56A									
X48A	Hartselle	58.77	73	P	P	07 37 19.6	-0.3		
X48A						07 37 18.9	-1.3		
WHN	Wuhan	58.78	281	i	P	07 37 20.3	+0.1		
WHN						07 37 32.9	+0.4		
WHN						07 45 14.1	-9.0		
WHN	comp=Z,96nm,0.8s								
WHN									
WHN	comp=Z,94nm,3.0s								
WHN									
WHN	comp=Z,2um,13.7s								

WHN	comp=Z,620nm,15.1s	LR	LR						
D60A	Saint Jean D'O	58.80	53	P	P	07 37 19.0	-1.1		
LVZ	Lozovero	58.86	350f	eP	P	07 37 18.6	-1.7		
LVZ	comp=Z,134nm,1.0s								
LVZ	Lozovero	58.86	350	P	P	07 37 19.6	-0.7		
146A	Union	58.86	76	P	P	07 37 20.4	-0.3		
Q53A	Leroy	58.86	66	P	P	07 37 19.7	-1.0		
H58A	Gabriels	58.93	57	P	P	07 37 20.0	-1.1		
E60A	Ste Agathe de	58.93	53	P	P	07 37 19.4	-1.7		
D61A	St Aubert, Com	58.96	52	P	P	07 37 19.6	-1.6		
F60A	Warwick	58.96	54	P	P	07 37 19.1	-2.1		
G59A	Clarenceville	58.97	55	P	P	07 37 19.8	-1.5		
R53A	Hurricane	58.99	66	P	P	07 37 22.3	+0.7		
H59A	Cadyville	59.02	56	P	P	07 37 20.4	-1.3		
I58A	Old Forge	59.03	58	P	P	07 37 20.8	-1.0		
Z47A	Carrollton	59.05	75	P	P	07 37 21.8	-0.3		
Z47A						07 37 24.2			
N66A	West Decatur	59.20	62	P	P	07 37 22.1	-0.9		
L57A	Andrews Acres	59.22	60	P	P	07 37 21.8	-1.4		
MCWV	Mont Chateau	59.23	64	P	P	07 37 21.7	-1.6		
MCWV	Mont Chateau	59.23	64	P	P	07 37 23.2	-0.1		
MCWV	comp=Z,39nm,1.4s								
W50A	Signal Mountai	59.26	71	P	P	07 37 23.2	-0.4		
W50A						07 37 53.4			
K58A	Earlville	59.32	59	P	P	07 37 23.5	-0.4		
TZTN	Tazewell	59.33	69	P	P	07 37 22.9	-1.1		
J59A	Piesico	59.43	58	P	P	07 37 23.9	-0.7		
F61A	St Evariste	59.43	53	P	P	07 37 23.6	-0.9		
O56A	Blue Knob Stat	59.51	63	P	P	07 37 24.7	-0.5		
M57A	Sunshine Farm,	59.54	61	P	P	07 37 24.6	-0.7		
BINY	Binghamton	59.54	59	P	P	07 37 24.7	-0.6		

3d 7h

2015 FEB

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like MKAR, MAZK, SUF, CD2, ARU, etc.

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like SGDS, TKM2, MMS, AKTO, USP, etc.

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like SUW, SUWALKI, SUWALKI, SUWALKI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KWP, KALWARIA PACLA, ROTZ, WLF, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SOP, BIZ, ARCH, BUD, KIV, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TOKA, POLO, PLD, POGDORICA, etc.

NEIC 03 07:39:40.3±1.5, 0.02S:0.10x.123.1E:0.1, h135km,9km, mb4.3/9, Error ellipse: s-min=22.8km s-min=9.0km az=58.0

IDC 03 07:39:41.8±0.9, 0.09S:123.02E, h150km,8km, mb3.7/11, s-maj=20.7km s-min=10.6km az=65.0

DJA 03 07:39:42.3±0.3, 0.3S:123.3E, h135km,6km, MB.4/14, mb4.9/5, mb2.3/1, MLV4.9/14, MvI=7.1

ISC 03 07:39:41.3±0.5, 0.12S:0.05E, 122.93E, h150km, n58, ±1564/67, mb4.2/21, 1, Minahasa Peninsula, Sulawesi

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

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

IDC 03 07:55:25.7:3.1, 3:36S, 127:35E, h0km, mb3.1/2, mb1 3.3/3, 0.9s, b1.44, mbtmp3.1/3, ML2.7/1, Error ellipse: s-maj=339.3km s-min=30.1km az=66.0, Seram

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

IDC 03 07:59:02.3:1.0, 30:20N, 138:71E, h426km, 14km, mb2.7/8, mb1 3.0/12, mb1mx2.8/48, mbtmp3.6/12, Error ellipse: s-maj=19.2km s-min=15.3km az=52.0

ISC 03 07:59:03.4:0.7, 30:22N, 138:62E, 1.1, h450km, n12, r=146/13, mb3.0/8, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, etc.

NOU 03 08:22:11.2, 17:45S, 169:31E, h0km, MLV4.2, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MARNC Mare, Loyalty, DVP Devils Point, etc.

ARE 03 08:41:19.2:2.1, 14:25S, 0:1, 76:1W, 0.2, h22km, 8km, Error ellipse: s-maj=27.4km s-min=7.8km az=47.0

NEIC 03 08:41:19.2:1.4, 14:25S, 0:2, 76:1W, 0.2, h24km, 15km, ML4.2(ARE), Error ellipse: s-maj=39.4km s-min=5.7km az=51.0, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNA Nana, PSGC Pisagua, MNMC Minye Minye, etc.

INET 03 08:47:10.8, 11:74N, 87:16W, h18km, MW3.5, Near coast of Nicaragua

IDC 03 08:49:46.4:4.5, 11:60S, 166:25E, h63km, 35km, mb3.7/5, mb1 3.9/7, mb1mx3.6/37, mbtmp4.1/7, ML4.0/2, MS2.9/1, Ms1 2.9/1, ms1mx2.6/32, Error ellipse: s-maj=47.8km s-min=26.3km az=77.0

ISC 03 08:49:45.1:1.7, 11:60S, 0:1, 166:32E, 0.2, h50km, n8, r=136/9, mb3.9/5, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, STKA Stephens Creek, etc.

LDG 03 08:55:05.9:0.4, 46:19N, 6:94E, h5km, Md2.4/2, Ml2.5/21, Error ellipse: s-maj=0.7km s-min=0.6km az=116.0

STR 03 08:55:05.7:0.2, 46:19N, 1:1, h19km, 2km, MLV2.1/13, smi:scs0.6/LC:5.7, earth:ModellD

ZUR 03 08:55:05.8, 46:20N, 6:92E, h4km, 1km, MLh2.1/59, Error ellipse: s-maj=2.1km s-min=0.4km az=139.0

IASPEI 03 08:55:05.6:0.8, 46:19N, 0:02:6:92E, 0.02, h8km, 5km, Error ellipse: s-maj=3.0km s-min=2.1km az=111.1, 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, <Seism. Res. Lett.>, <80>-<80>, 465-472, 2009

GEN 03 08:55:05.7, 46:19N, 6:91E, h6km, 1km, Ml2.0

ROM 03 08:55:06.0, 46:19N, 0:01:0:01, 7:00E, 0.01, h6km, Ml1.8/9, Error ellipse: s-maj=1.3km s-min=0.1km

az=140.0, ISC 03 08:55:05.7:0.8, 46:19N, 0:01:6:92E, 0:01, h10km, 4km, n99, r=097/171, 21C-16D, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SALAN Lac Salanpe, SALAN, SALAN, SMUK Muraz-Klaeraln, etc.

GRYON 1.0nm, SNR=6.3

OGSI Martigny, Rue 0.16 8 ↑ Pg Sg 05 55 08.0 -0.4

OGSI Sion-Valere 0.31 81 ↓ Sg Sg 05 55 11.8 0.0

SIOV Grande Dixence 0.36 107 ↓ Pg Sg 05 55 13.1 +0.2

DIX Grande Dixence 0.36 107 ↓ Pg Sg 05 55 13.1 +0.2

DIX Grande Dixence 0.36 107 ↓ Pg Sg 05 55 13.1 +0.2

DIX Grande Dixence 0.36 107 ↓ Pg Sg 05 55 13.1 +0.2

MRGE Morge 0.43 167 ↑ Pg Pg 05 55 14.3 +0.2

MRGE Morge 0.43 167 ↑ Pg Pg 05 55 14.3 +0.2

MRGE Morge 0.43 167 ↑ Pg Pg 05 55 14.3 +0.2

MRGE Morge 0.43 167 ↑ Pg Pg 05 55 14.3 +0.2

MRGE Morge 0.43 167 ↑ Pg Pg 05 55 14.3 +0.2

MRGE Morge 0.43 167 ↑ Pg Pg 05 55 14.3 +0.2

VANNI Vissoie, Val d 0.47 87 ↓ Pg Pg 05 55 15.0 +0.1

VANNI Vissoie, Val d 0.47 87 ↓ Pg Pg 05 55 15.0 +0.1

VANNI Vissoie, Val d 0.47 87 ↓ Pg Pg 05 55 15.0 +0.1

VANNI Vissoie, Val d 0.47 87 ↓ Pg Pg 05 55 15.0 +0.1

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VANNI Vissoie, Val d 0.47 87 ↓ Pg Pg 05 55 15.0 +0.1

VANNI Vissoie, Val d 0.47 87 ↓ Pg Pg 05 55 15.0 +0.1

VANNI Vissoie, Val d 0.47 87 ↓ Pg Pg 05 55 15.0 +0.1

BALST Balsthal 1.27 25 Pn Pg 05 55 29.4 -0.6

BALST Balsthal 1.27 25 Sg Pn 05 55 30.0 +0.4

BALST Balsthal 1.27 25 Sg Pn 05 55 30.7 +0.7

VARE Varese 1.33 103 Pn Pn 05 55 30.5 0.0

VARE Varese 1.33 103 Pn Pn 05 55 30.5 0.0

VARE Varese 1.33 103 Pn Pn 05 55 30.5 0.0

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VARE Varese 1.33 103 Pn Pn 05 55 30.5 0.0

VARE Varese 1.33 103 Pn Pn 05 55 30.5 0.0

3d 10h

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

IDC 03 09:28:00.7 1.9, 26.08N, 90.80E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/57, mbtmp3.6/5, Error ellipse: s-maj=80.8km s-min=21.1km az=67.0

Main table for 3d 10h section, listing station names, coordinates, and observation times. Includes stations like GUWA, SHL, TEZP, etc.

IDC 03 09:36:00.8 1.0, 52.35N, 168.75W, h0km, mb4.1/24, mb1 4.2/25, mb1mx4.0/69, mbtmp4.1/25, ML3.2/1, Error ellipse: s-maj=26.2km s-min=13.9km az=171.0

Main table for 3d 10h section, listing station names, coordinates, and observation times. Includes stations like NIKH, OKSP, etc.

2015 FEB

Main table for 2015 FEB section, listing station names, coordinates, and observation times. Includes stations like PAX, CCB, MDM, etc.

150

Main table for 150 section, listing station names, coordinates, and observation times. Includes stations like YOJ, YON, etc.

Table with columns: Station Name, Azimuth, Magnitude, Type, and other parameters. Includes stations like NTY Taoyuan, JIKM Ikemajima, NCU National Centr, etc.

Table with columns: Station Name, Azimuth, Magnitude, Type, and other parameters. Includes stations like EDH Donghe, ALS Alshuan, CHNS Tsauling, etc.

Table with columns: Station Name, Azimuth, Magnitude, Type, and other parameters. Includes stations like PHUB Peng-hu, WDGJ Dungi, TSEB Hengchun, etc.

CNRM 03 10:15:10.5, 29:45N-11:27W, h0km, m4.2, Hypocentre not reviewed by the ISC
INMG 03 10:15:33.2, 0.7, 30:42N-9:76W, h30km, 5km, ML2.7, Error ellipse: s-maj=10.1km s-min=4.3km az=89.0
IGL 03 10:15:34.5, 30:36N-9:74W, h430
MDD 03 10:15:29.5, 5, 30:49N-9:52W, h0km, mb3.6/4, Error ellipse: s-maj=90.3km s-min=47.5km az=104.0, LEJANO SIN SOLUCIN, Morocco

IDC 03 11:48:15.8:0.8,31:54S:177:69W,h0km,mb4.6/6, mb1 4.7/8, mb1mx4.2/30, mbmp4.5/8, MLJ-7/2,MS3.7/9, Ms1 3.7/9, ms1mx3.4/41, Error ellipse: s-maj=22.2km s-min=20.9km az=99.0

NEIC 03 11:48:18.2:2.8,31:39S:0:03:177:7W,0.2,h10km,1km, mb5.0/16, Error ellipse: s-maj=22.5km s-min=5.2km az=96.0

ISC 03 11:48:19.6:0.6,31:71S:0:06:177:7W,0.1,h26km,n87, e167/81,mb4.8/13,MS3.9/8,1C-1D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC h m s ISC. Lists seismic stations including Green Lake, Raoul Island, RAO, RIZ, MZK, etc.

Table with columns: NB2, NORSAR Subarray, PKP, PKPbc, Time Res. Lists seismic subarrays like NORSAR Subarray 150.08 351, NOA, HFS, etc.

IDC 03 12:03:49.0:3.0, 13:19S:166:74E, h45km=25km, mb4.2/15, mb1 4.4/17, mb1mx4.1/41, mbmp4.5/17, ML4.7/2, MS3.4/12, Ms1 3.5/12, ms1mx3.3/36, Error ellipse: s-maj=22.1km s-min=17.6km az=100.0

NOU 03 12:03:49.6, 12:96S:166:42E, h32km, mb4.8, Santa Cruz Islands

NEIC 03 12:03:51.9:1.7, 13:18S:0:09:166:7E:0:1, h63km=6km, mb4.9/40, Error ellipse: s-maj=19.4km s-min=12.5km az=69.0

ISC 03 12:03:52.3:1.2, 13:14S:0:07:166:59E:0:08, h67km=10km, mb4.95, e097/94, mb4.8/35, 1D, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC h m s ISC. Lists seismic stations including SARAU, SARAU, SARAU, etc.

Table with columns: BPWA, comp=Z,2.1nm,1.9s, Iamb, Iamb, Time Res. Lists seismic stations including Chitina, Valde, Indian Mountain, etc.

ISK 03 12:08:22.9:4:0:62N:35:24E, h5km, ML3.5/30, DDA 03 12:08:23.8:4:0:61N:35:21E, h10km,2km,ML3.3

ISC 03 12:08:23.1:0, 40:62N:0:02:35:25E:0:02, h8km=9km, n61, i1509/93, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC h m s ISC. Lists seismic stations including Corum, Osmanic, Corum-Alaca, etc.

3d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Chiang Mai Arr, WB2 Warramunga Arr, WR0 Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, GUMO Guam, CMAR Chiang Mai Arr, CAN Canberra, SONM Songino Array, SONM Songino Array, MKAR Makanchi Arr, MKAR Makanchi Arr, MSWZ Mokau Station, ZALV Zalesovo Farm.

ISC 03 14:08:42.5.3.1, 36:21N, 142:21'E, h0km, mb3.2/2, mb1.3.3/1, mb1mx3.1/3, mbtmp3.1/3, ML2.0/1, Error ellipse: s-maj=71.5km s-min=34.0km az=41.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHOU Chosi, JHYU Hitachinakayam, JHYU Hitachinakayam, JHO Hitachi, JFK Kawachi, JFT Okama, JMM Marumori, JAG Ashikaga, JRY Ryogasaki Arr, MJAR Matsushiro Arr, MJAR Matsushiro, MAT Matsushiro, MAT Matsushiro, MKAR Makanchi Arr, WRA Warramunga Arr.

ISC 03 14:17:21.7.1.2.52:14N, 168:75W, h0km, mb3.9/9, mb1.3.9/10, mb1mx3.6/3, mbtmp3.7/10, ML3.0/1, MS2.6/1, MS1.2.6/1, ms1mx3.2/2, Error ellipse: s-maj=30.8km s-min=19.8km az=173.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, OKSO Okmok South, OKTU Okmok Mt. Tuli, OKFG Magazine Ridge, OKWE Okmok W'ng Wal, MAPS Pakushin Suth, MGOD Makushin Gods, MSW Makushin Swite, MINAT Makushin Natee, UNV Unalaska Valle, MTBL Makushin Table, ZRO Akutan Zrod, AKBBA Akutan Broad B, AKUT Akutan, ATKA Atka Island, DUTN Dutton Round H, ADK Adak, SPIA Saint Paul Isl, CNBA Chernabura Isl, CHGN Chignik, SSI Sitkinak Island, CHAK Old Harbor, KDIAK Kodiak Island, KDIAK Kodiak Island, SEW Seward, SUA Susitna One, SKT Skwentna, ILAR Eielson Array, PETK Petropavlovsk, INK Inuvik, YKA Yellowknife Arr, PDAR Pinedale Array, KSAR Korea Array, TXRS Lajitas Array, ARCES ARCESS Array B, MKAR Makanchi Arr, FINES FINES Array B, ASAR Alice Springs.

ISC 03 14:17:23.6.0.9.52:20N, 0:09.168:68W, 0.08, h10km, n39, e088/38, mb3.8/8, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, OKSO Okmok South, OKTU Okmok Mt. Tuli, OKFG Magazine Ridge, OKWE Okmok W'ng Wal, MAPS Pakushin Suth, MGOD Makushin Gods, MSW Makushin Swite, MINAT Makushin Natee, UNV Unalaska Valle, MTBL Makushin Table, ZRO Akutan Zrod, AKBBA Akutan Broad B, AKUT Akutan, ATKA Atka Island, DUTN Dutton Round H, ADK Adak, SPIA Saint Paul Isl, CNBA Chernabura Isl, CHGN Chignik, SSI Sitkinak Island, CHAK Old Harbor, KDIAK Kodiak Island, KDIAK Kodiak Island, SEW Seward, SUA Susitna One, SKT Skwentna, ILAR Eielson Array, PETK Petropavlovsk, INK Inuvik, YKA Yellowknife Arr, PDAR Pinedale Array, KSAR Korea Array, TXRS Lajitas Array, ARCES ARCESS Array B, MKAR Makanchi Arr, FINES FINES Array B, ASAR Alice Springs.

DJA 03 14:21:11.6.0.6.3'S, 3:10'10"E, h28km, 4km, M3.8/11, mb4.0/2, MLv3.7/11, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSI Kapahiang, KSI KSI, SDSI Sungai Dareh, PDSI Padang, PDSI PDSI, MNAI Manna, LHSI Lahat, LHSI Lahat, KLSI Kota Agung, KLSI Kota Agung, KASI Kota Agung, GSI Gunungsitoli, TPTI TPTI.

ISC 03 14:25:08.5.2.0.17:1N, 124:51'E, h0km, mb3.2/3, mb1.3.4/3, mb1mx3.2/3, mbtmp3.2/3, Error ellipse: s-maj=188.4km s-min=27.9km az=64.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes station WRA Warramunga Arr.

2015 FEB

0.3nm, 0.5s, baz=334, slow=11, SNR=8.3 ASAR Alice Springs 26.83 161 P 14 30 51.5 +0.8 0.2nm, 0.5s, baz=342, slow=9, SNR=5.7 MKAR Makanchi Arr 57.96 327 P 14 35 02.6 -0.4 0.2nm, 0.4s, baz=123, slow=5.3, SNR=2.6

ISC 03 14:33:24.3:33.0, 19:23S, 179:38W, h650km, 390km, mb2.9/3, mb1.3.2/3, mb1mx2.8/22, mbtmp3.9/3, Error ellipse: s-maj=286.6km s-min=112.5km az=127.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, AKASG Main Array B.

ISC 03 14:51:58.1:10.0, 34:78N, 14:97E, h0km, mb3.8/2, mb1.3.8/3, mb1mx3.4/29, mbtmp3.8/3, ML4.0/1, MS3.1/1, Ms1.3.1/1, ms1mx2.3/4, Error ellipse: s-maj=187.2km s-min=83.5km az=54.0, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KEST Kesra, AKASG Main Array B, TORD Torodi Arr, FINES FINES Array B, MKAR Makanchi Arr.

WEL 03 14:58:13.3:0.3, 43:52:27.17'E, h5km, M3.5/17, ML3.6/17, MLv3.5/17, Error ellipse: s-maj=0.0km s-min=0.0km az=134.4, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WVZ Waitaha Valley, MHCZ Mount Hutt, MHCZ MHCZ, RPZ Rata Peaks, GCSZ Gaunt Creek Bo, GCSZ GCSZ, LTZ Lake Taylor, ARCC Arundel, ARCC Arundel, FOFZ Fox Glacier, FOFZ FOFZ, MOZ MQQueen's Vall, GVZ Greta Valley S, TMZ Timaru, DSZ Denniston Nort, DSZ DSZ, OKCY Okains Bay, LHZ Lake Benmore, THZ Tophouse, KHZ Kahurangi, ODZ Otahua Downs, ODZ ODZ, JCZ Jackson Bay, BSWZ Blackbirch Sta, WKZ Wanaka, NNZ Nelson, QRZ Quartz Range, CMWZ Cape Campbell, EAZ Earnsclough, TUWZ Te Anau, MSZ Milford Sound, TCW Tory Channel, DUWZ D'Urville Is, TUZ Tuapeka, MLZ Mavora Lakes, KIW Kapiti Island, WHZ Wether Hill R, SYZ Scrubby Hill, MRZ Mangatainoka R, NMEZ Namu Roro, NZL Newell Road No, KHEZ Kahui Hut, LREZ Lake Rotokare, PREZ Palmer Road, WAZ Wanganui, VRZ North Egmont, PUTEZ Putetahi, NRZ Vera Road, WNVZ Wahianoa, NGZ Ngauruhoe, OTVZ Otutere, ETWZ West Tongario, ETWZ East Tongario, TMVZ Te Maari, HIZ Hauri, RATZ Rangitukia, BKZ Black Stump Fm, KAPZ Kapiti Island, TOZ Tahuroa Road, MKAZ Moumaki, WAZ Waheke Island, WICZ Waiu Caves, OUZ Omahuta.

ISC 03 15:05:06.6:1.6, 52:51'N, 168:74W, h0km, mb3.9/12, mb1.4.1/13, mb1mx3.8/59, mbtmp3.9/13, ML3.1/1, Error ellipse: s-maj=39.4km s-min=17.1km az=168.0

AEIC 03 15:05:08.4:3.0, 52:22'N, 0:05.168:49W, 0:07, h10km, 4km, Error ellipse: s-maj=7.5km s-min=6.0km az=152.0, preliminary

NEIC 03 15:05:11.9:2.1, 52:38'N, 0:08.168:65W, 0:05, h40km, 8km, mb4.3/10, ML3.1/28(AEIC), Error ellipse: s-maj=12.0km s-min=4.1km az=171.0, preliminary

ISC 03 15:05:12.9:2.4, 52:44'N, 0:2.168:71W, 0:08, h52km, 16km, n51.0, e154/48, mb3.9/12, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, OKSO Okmok South, OKTU Okmok Mt. Tuli, OKFG Magazine Ridge, OKWE Okmok W'ng Wal, MAPS Pakushin Suth, MGOD Makushin Gods, MREP Makushin Rep't, MSW Makushin Swite, MNAT Makushin Natee, UNV Unalaska Valle, AKMO Akutan Morgan, ZRO Akutan Zrod, AKBBA Akutan Broad B, KDIAK Kodiak Island, SUA Susitna One.

ISC 03 15:05:12.9:2.4, 52:44'N, 0:2.168:71W, 0:08, h52km, 16km, n51.0, e154/48, mb3.9/12, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, OKSO Okmok South, OKTU Okmok Mt. Tuli, OKFG Magazine Ridge, OKWE Okmok W'ng Wal, MAPS Pakushin Suth, MGOD Makushin Gods, MREP Makushin Rep't, MSW Makushin Swite, MNAT Makushin Natee, UNV Unalaska Valle, AKMO Akutan Morgan, ZRO Akutan Zrod, AKBBA Akutan Broad B, KDIAK Kodiak Island, SUA Susitna One.

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SCM Sheep Creek Mo 14.89 42 Pn 15 08 37.9 -2.1 BPAW Bear Paw Mtn. 14.91 31 P 15 08 43.7 -1.0 KLU Klutina 15.32 45 Pn 15 08 42.7 -2.9

M24K Tolsona Glenn 15.50 42 Pn 15 08 46.2 -1.6 I23K Minto, Yukon-K 16.14 30 P 15 08 57.2 -1.1 TGL Tana Glacier 16.43 49 pS 15 09 14.7 -4.0 ILAR Eielson Array 16.70 34 Pn 15 08 59.1 -3.8

YAH Yahtse 16.82 51 P 15 09 09.3 +3.1 YAH Yahtse comp=2.1nm, 0.6s baz=243, slow=10, SNR=4.4

CTGM Chitina Glacier 17.19 49 P 15 09 11.0 +8.0 CTGM Chitina Glacier comp=2.7nm, 1.9s baz=27.0, slow=14, SNR=2.0

PETK Petropavlovsk 20.24 285 P 15 09 42.9 -0.6 EPYK Eagle Plains 21.13 36 P 15 09 51.6 -1.4 EPYK Eagle Plains comp=2.4nm, 0.4s, baz=88, slow=14, SNR=24

SEY Seymour 22.94 313 P 15 10 11.4 -0.9 INK Inuvik 23.09 33 P 15 10 12.9 -0.8 YKA Yellowknife Arr 29.91 49 P 15 11 15.3 -0.1

VNCR Virginia City 35.90 92 pP 15 12 16.6 -3.8 PNTR Pine Nut 36.06 92 pP 15 12 23.0 -3.1 LRM Limestone Ridge 36.59 77 T 15 12 24.0 -2.2

H1N2 WAKE ISLAND Hy 37.74 219 T 15 53 22.3 H1N3 WAKE ISLAND Hy 37.74 219 T 15 53 10.3 H1N1 WAKE ISLAND Hy 38.82 219 T 15 54 16.0

H1S2 WAKE ISLAND Hy 38.94 219 T 15 54 37.2 H1S3 WAKE ISLAND Hy 38.94 219 T 15 54 25.9

PDAR Pinedale Array 40.00 80 P 15 12 43.0 +0.4 TKX Tecate 42.17 97 P 15 13 03.1 +2.9 KSR5 Kites Array 45.80 277 P 15 13 30.3 +1.1

SPITS Spitsbergen Arr 49.64 359 P 15 15 58.5 0.0 MKAR Makanchi Arr 64.07 314 P 15 15 41.0 -0.2

FINES FINES Array B 65.89 352 P 15 15 53.1 +0.5 NOA NORARS Array B 66.91 0 P 15 15 59.7 +0.5

AKASG Main Array B 76.16 348 P 15 16 54.8 -0.1 CMAR Chiang Mai Arr 77.00 283 P 15 17 01.1 +0.8

ISC 03 15:12:50.0:2.4, 13:74N, 124:26'E, h0km, mb3.3/4, mb1.3.5/4, mb1mx3.3/40, mbtmp3.3/4, Error ellipse: s-maj=99.3km s-min=24.7km az=54.0

MAN 03 15:12:56.1:1.3, 76:N, 124:31'E, h22km, mb4.5, ML3.3, MS3.1, Error ellipse: s-maj=2.9km s-min=2.9km az=54.0

ISC 03 15:12:49.4:2.4, 14:06'N, 0:09.124:61'E, 0:09, h5km, 13km, n10, e127/15, mb3.3/4, 2D, Luzon

SCSP San Jose Seism 1.13 249 Op Pn 15 13 28.1 +0.3 SCSP San Jose Seism comp=2.0nm, 0.6s, baz=30, slow=6, SNR=9.1

CNP Catarman 1.54 178 eP Pn 15 13 18.2 -0.8 CNP Catarman comp=2.0nm, 0.6s, baz=30, slow=6, SNR=9.1

JCNP Jose Panganiban 1.86 277 eP Pn 15 13 23.7 -0.3 JCNP Jose Panganiban comp=2.0nm, 0.6s, baz=30, slow=6, SNR=9.1

GOIP Guinayanang 2.10 266 eP Pn 15 13 27.1 +0.9 GOIP Guinayanang comp=2.0nm, 0.6s, baz=30, slow=6, SNR=9.1

POLP Polillo Island 2.67 285 eP Pn 15 13 36.1 -1.5 POLP Polillo Island comp=2.0nm, 0.6s, baz=30, slow=6, SNR=9.1

LOP Lubkan 2.98 271 eP Pn 15 13 39.1 +1.8 LOP Lubkan comp=2.0nm, 0.6s, baz=30, slow=6, SNR=9.1

WRA Warramunga Arr 35.12 164 P 15 19 43.3 -0.8 ASAR Alice Springs 38.56 166 P 15 19 12.9 -0.6

MKAR Makanchi Arr 48.05 322 P 15 21 31.1 +0.3

ISC 03 15:19:01.5:0.9, 56:75'S, 150:84W, h0km, mb4.1/4, mb1.4/4, mb1mx4.2/27, mbtmp4.1/4, MS3.7/6, MS1.3/7/6, ms1mx3.3/18, Error ellipse: s-maj=42.0km s-min=24.7km az=17.0

NEIC 03 15:19:02.3:1.2, 56:85:0:1x150:8W, 0:2, h10km, 1km, mb4.6/16, Error ellipse: s-maj=22.9km s-min=19.4km az=37.0

ISC 03 15:19:02.4:0.7, 56:75:0:2x150:8W, 0:1, h10km, n59, e056/33, mb4.5/10, MS3.6/7, Pacific-Antarctic Ridge

VNDA Vanda 26.43 201 LR 15 24 54.0 -0.1 PRZ Urewera 28.12 297 LR 15 24 09.7 P

QSPA South Pole Qui 33.43 180 P 15 25 41.3 +0.3 QSPA South Pole Qui comp=2.9nm, 0.9s, baz=66, slow=1.7, SNR=5.9

MEH Mehetia 38.83 4 eT 16 07 40.1 TVO Taravao 38.89 2 eT 16 07 43.9

PAE PAE 39.00 2 eT 16 07 52.2 PPT2 Papeete2 39.07 2 eLR LR 16 06 53.9

PPT2 Papeete2 39.07 2 eT 16 07 57.3 VAH Vaihoo 41.47 5 eT 16 10 53.5

SNAE Snae 49.94 167 P 15 27 54.3 -1.4 SNAE Snae comp=2.1nm, 1.5s baz=219, slow=74, SNR=70

STKA Stephens Creek 51.92 269 P 15 28 12.4 +1.3 STKA Stephens Creek comp=2.1nm, 1.1s baz=219, slow=74, SNR=70

ANVU Saraoutou 52.00 305 P 15 28 11.0 -0.7 PLCA Paso Flores 52.15 108 P 15 28 13.7 +1.0

3d 18h

Table of meteorological data for 3d 18h period, including station names, coordinates, and various atmospheric parameters.

2015 FEB

Main table of meteorological data for 2015 FEB, listing station names, coordinates, and atmospheric parameters.

158

Table of meteorological data for 158, including station names, coordinates, and atmospheric parameters.

SOME 03 17:21:07.0, 38.68N; 72.67E, h5km
NMC 03 17:21:07.2, 6.0, 38.64N; 72.45E, h0km, mb3.7, mpv3.6,
Error ellipse: s-maj=41.2km s-min=26.6km az=174.0

ISC 03 17:21:13.9, 4.6, 38.11N; 0.3; 72.2E: 0.1, h10km, n7,
e194; 12, 1C, Tajikistan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various meteorological codes and station names.

NEIC 03 17:41:14.1, 1.8, 1.7; 13S; 0.08x146.04E: 0.10, h158km, 6km,
mb4.6/49, Error ellipse: s-maj=14.3km s-min=11.5km
az=97.0

IDC 03 17:41:15.2, 1.1, 7.32S; 146.28E, h179km, 15km, mb3.6/10,
mb1.3/8/12, mb1mx3.7/33, mbtmp4.1/12, Error ellipse:
s-maj=25.8km s-min=11.3km az=109.0

ISC 03 17:41:15.1, 0.4, 7.19S; 0.05x146.11E: 0.06, h170km, n75,
e191/177, mb4.5/30, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists meteorological codes and station names.

UPP 03 18:01:41.3, 0.1, 67.07N; 20.90E, h0km, ML2.1, Explosion
IDC 03 18:01:42.7, 1.1, 67.06N; 21.05E, h0km, mb1.3/1.4,
mb1mx2.9/46, mbtmp3.1/4, ML1.9/4, Error ellipse:
s-maj=12.6km s-min=4.3km az=152.0

NAO 03 18:01:43.2, 0.8, 67.06N; 21.04E, ML2.6
BER 03 18:01:45.2, 0.9, 67.01N; 20.95E, h0km, ML1.7,
SKZ ML2 (NAO), Suspected explosion

ISC 03 18:01:41.2, 0.8, 67.09N; 0.03x20.92E: 0.03, h0km, n34,
e192/140, Sweden

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists meteorological codes and station names.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like Storozhevoje, Ussuriysk Arra, and various other stations.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like Tescani, HARR, and various other stations.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like FLTG, CKRC, and various other stations.

Table with 4 columns: Station Name, Time, Res, ISC. Includes stations like Mina Array Bea, TCRU Three Creeks R, CPUP Villa Florida.

IDC 03 22:50:07.0-4.9, 3.58S, 100.08E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/3, mbtmp3.6/3, Error ellipse: s-maj=173.4km s-min=31.6km az=57.0, Southern Sumatera

Table with 4 columns: Code, Station Name, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, MKAR Makanchi Array.

IDC 03 22:55:49.4-2.2, 3.165S, 178.71W, h55km, 21km, mb3.5/2, mb1 3.8/4, mb1mx3.6/28, mbtmp3.8/4, ML3.5/2, MS3.4/2, Ms1 3.4/2, ms1mx2.7/13, Error ellipse: s-maj=5.5km s-min=13.3km az=114.0

ISC 03 22:55:50.0-1.3, 3.135S, 0.1x178.7W, 0.3, h61km, n17, c2311/17, Kermadec Islands region

Table with 4 columns: Code, Station Name, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, SNGZ Shannon Station, WRA Warramunga Arr, TXAR Lajitas Array, FINES FINESS Array B, BRTR Keskin Array B.

ASRS 03 23:01:19.1-0.4, 5.0'N, 12.8'E, h10km, MLh3.3/14, smi:org.gfz-potsdam.de/geofon/LOCAT earthModellID smi:org.gfz-potsdam.de/geofon/isp91 confirmed

SOME 03 23:01:20.1, 49.62N, 87.58E, h0km, NNC 03 23:01:22.9, 1.2, 49.64N, 87.63E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=5.1km s-min=5.1km az=12.0

ISC 03 23:01:22.4, 0.8, 49.88N, 0.03, 87.81E, h10km, n40, c2307/15, 7C-6D, Kazakhstan-Xinjiang border region

Table with 4 columns: Code, Station Name, Time, Res, ISC. Includes stations like DGZ Jazzart, CUR Chagan-Uzun, CHBI Chibit, ULGR Ulagan, TEL Teeli, ARTR Artybash, UKR Ust'-Korno, GALT Gorno-Altaysk, TASR Tashtagol, ZASN Zaisan, ZSN Zaisan, ELT Eitsovka, TBTR Tabat, DJO Djoy, DJOS Djoyskaya Sosn, CERR Cheremushki, LUZB Luzhba, BLRR Bol'shaya Rech, ARDR Aradan, ABNR Abakan, ZAAO Zalesovo Array, ZAAO Zaisan, ZAAO Zaisan, KZLR Kyzyl, Pechorkino, SA, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, SHRR Shira, SEM Semipalatinsk, SEM Semipalatinsk, SEM Semipalatinsk, MAZ Makanchi, MAZ Makanchi, MAZ Makanchi, MAZ Makanchi, BSTK Bystrovka, Nov, BSTK Bystrovka, NVS Novosibirsk, NVS Novosibirsk, BRCR Berchikul.

Table with 4 columns: Station Name, Time, Res, ISC. Includes stations like NHES Novosibirsk, TDJR Todzha, KURK Kurchatov, KURK Kurchatov, ALXA Alekseyeva, KURBB Kurchatov Arr, KURBB Kurchatov Arr, KAPS Kapalarasan, KAPS Kapalarasan.

NEIC 03 23:11:40.8, 1.5, 41.25N, 0.05, 117.24W, h0km, 2km, ML2.5/46, ML2.6(REN), Error ellipse: s-maj=8.4km s-min=6.4km az=28.0

IDC 03 23:11:40.0-0.9, 41.29N, 117.23W, h0km, mb2.7/1, mb1 3.0/4, mb1mx3.0/43, mbtmp2.6/4, ML2.8/3, Error ellipse: s-maj=9.8km s-min=5.8km az=175.0

ISC 03 23:11:39.9, 1.0, 41.24N, 0.04, 117.22W, 0.04, h0km, n32, c126/34, Nevada

Table with 4 columns: Code, Station Name, Time, Res, ISC. Includes stations like ELK Elko, ELK Elko, WYOR Wild Horse Val, PAHR Paisley Range, KVN Kaiserville, WVA Winnemucca Val, MFID Farnham Ranch, MOD Modoc Plateau, MOD Modoc Plateau, BMRR Black Mountain, PEAV Peavine Mounta, BEKR Beckworth, BEKR Beckworth, LOY Loyalton, RYN Ryan, RYN Ryan, PNTR Pine Nut, PNTR Pine Nut, NV11 Mina Array St, NV11 Mina Array St, NVAR Mina Array Bea, NVAR Mina Array Bea.

ISC 03 23:43:39.1, 3.8, 27.73N, 86.08E, h0km, mb3.4/2, mb1 3.5/3, mb1mx3.2/34, mbtmp3.3/3, ML3.3/1, Error ellipse: s-maj=116.0km s-min=33.8km az=77.0, Nepal

Table with 4 columns: Code, Station Name, Time, Res, ISC. Includes stations like HLID Halley, HLID Halley, LHV Little Hutong, R11A Troy Canyon, BGR Big Grassy Mou, WAKR Walker, WAKR Walker, I07A Izeze, I07A Izeze, AFDM Forest Hills D, AFDM Forest Hills D, PSUT Pine Spring, CMB Columbia Colle, CMB Columbia Colle, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, PRN Pacific Range, TPNV Topopah Spring, MSU Marysvalle, PDAR Pinedale Array, PDAR Pinedale Array, YKA Yellowknife Ar, YKA Yellowknife Ar.

IDC 04 00:06:48.5, 1.5, 52.39N, 168.79W, h0km, mb3.8/13, mb1 4.0/14, mb1mx3.8/39, mbtmp3.8/14, ML3.0/1, Error ellipse: s-maj=39.1km s-min=17.6km az=3.0

AEIC 04 00:06:51.2, 7, 52.28N, 0.07, 168.56W, 0.08, h18km, 5km, mb3.8/21 (NEIC), Error ellipse: s-maj=110.5km s-min=6.7km az=157.0

NEIC 04 00:06:54.2, 2.1, 52.46N, 0.08, 168.62W, 0.07, h35km, 9km, Error ellipse: s-maj=11.8km s-min=5.9km az=165.0

ISC 04 00:06:53.1, 0.7, 52.42N, 0.08, 168.56W, 0.06, h29km, n74, c112/68, mb3.8/14, Fox Islands

Table with 4 columns: Code, Station Name, Time, Res, ISC. Includes stations like MKAR Makanchi Array, SOMNI Songoing Array, WRA Warramunga Arr, MKAR Makanchi Array, NIKH Nikolski High, NIKH Nikolski High, OKSP Okmok Steeple, OKSO Okmok South, OKSO Okmok South, OKFS Magazine Ridge, MAPS Pakushin South, MSW Makushin Switc, MNAT Makushin Natie, UNV Unalaska Valle, AKUT Akutan, SPIA Saint Paul Is, ADK Adak, CHGN Chignik.

Table with 4 columns: Station Name, Time, Res, ISC. Includes stations like OHAK Old Harbor, KDOK Kodiak Island, KDOK Kodiak Island, GNFM China Pool, GNFM China Pool, SEW Seaward, SUA Susitna, SML Sawmill, HIN Hinchinbrook I, FID Fidalgo, SCM Sheep Creek Mo, BPAW Bep Paw Mtk, KLU Klutina, KLU Klutina.

ISC 04 01:09:27.8, 9.3, 13.63S, 166.83E, h168km, 102km, mb3.4/4, mb1 3.5/5, mb1mx3.2/33, mbtmp3.8/5 Error

ISC 04 00:18:18.5, 1.1, 43.87N, 0.04, 16.87E, 0.04, h15km, 10km, n7, c126/14, 1C, Northwestern Balkan Peninsula

Table with 4 columns: Code, Station Name, Time, Res, ISC. Includes stations like M24K Tolsona, Glenn Hamilton, N25K Chitina, Valde, N25K Chitina, Valde, WRH Wood River Hill, I23K Minto, Yukon-K, GLB Gilahina Butte, GLB Gilahina Butte, VRDI Verde Repente, VRDI Verde Repente, TGL Tana Glacier, TGL Tana Glacier, MCARA McCarthy VSAT, MCARA McCarthy VSAT, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, YAD Yaktse, YAD Yaktse, RYH Haines Junctio, RYH Haines Junctio, PETK Petropavlovsk, PETK Petropavlovsk, INK Inuvik, INK Inuvik, INK Inuvik, YKA Yellowknife Ar, YKA Yellowknife Ar, YBH Yreka Blue Hor, YBH Yreka Blue Hor, H1N2 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, BW06 Boulder Array, BW06 Boulder Array, PD31 Pinedale Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, FCC Fort Churchill, FCC Fort Churchill, ULM Lac du Bonnet, ULM Lac du Bonnet, SONM Songoing Array, SONM Songoing Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Paris, TXAR Paris, ZALV Zalevo Beam, ZALV Zalevo Beam, ARCES ARCES Array B, ARCES ARCES Array B, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, FINES FINESS Array B, FINES FINESS Array B, NC405 NORSAR Array S, NC405 NORSAR Array S, NOA NORSAR Array B, NOA NORSAR Array B, ABKAR Akbulak array, ESDC Soneca Array.

ISC 04 00:21:03.0-0.3, 49.93S, 0.03, 115.67W, 0.02, h23km, 1km, MW4.9/72, Moment Tensor Solution, s22,c25, s72,c87, Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.28; 17; Mw=0.62; 15; Mw=0.92; 14; Mw=0.48; 20; Mw=2.61; 11; Mw=0.88; 19; Best double couple: M2, 2.8600x10^16 Np1: a=277.00000, b=76.00000, c=9.00000, NP2: a=9.00000, b=81.00000, c=1.166.00000; Principal axes: T 2.5880, Plg4.0000, Azm142.0000; N 0.5590, Plg73.0000, Azm40.0000; P -3.1470, Plg16.0000, Azm234.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Southern East Pacific Rise

Table with 4 columns: Code, Station Name, Time, Res, ISC. Includes stations like KLVJ Kijevo, KLVJ Kijevo, RICJ Riccio, RICJ Riccio, MRGR Mrkonjic Grad, MRGR Mrkonjic Grad, MAKA Makarska, MAKA Makarska, HVAR Hvar, HVAR Hvar, MORI Morici, MORI Morici, STON Ston, STON Ston.

GCMT 04 00:21:03.0-0.3, 49.93S, 0.03, 115.67W, 0.02, h23km, 1km, MW4.9/72, Moment Tensor Solution, s22,c25, s72,c87, Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.28; 17; Mw=0.62; 15; Mw=0.92; 14; Mw=0.48; 20; Mw=2.61; 11; Mw=0.88; 19; Best double couple: M2, 2.8600x10^16 Np1: a=277.00000, b=76.00000, c=9.00000, NP2: a=9.00000, b=81.00000, c=1.166.00000; Principal axes: T 2.5880, Plg4.0000, Azm142.0000; N 0.5590, Plg73.0000, Azm40.0000; P -3.1470, Plg16.0000, Azm234.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Southern East Pacific Rise

Table with 4 columns: Code, Station Name, Time, Res, ISC. Includes stations like TBI Tubuai, TBI Tubuai, MEH Mehetia, MEH Mehetia, TVO Taravava, TVO Taravava, PPT2 Papeete, PPT2 Papeete, TAOE Nuku Hiva Is, TAOE Nuku Hiva Is, DZM Mont Dzumac, DZM Mont Dzumac.

ISC 04 01:09:27.8, 9.3, 13.63S, 166.83E, h168km, 102km, mb3.4/4, mb1 3.5/5, mb1mx3.2/33, mbtmp3.8/5 Error

ellipse: s-maj=88.1km s-min=50.9km az=140.0, Vanuatu Islands
 Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
 DZM Mont Dzumac 8.40 182 P Op 01 11 27.2 +0.6
 DZM 0.7nm, 0.3s, baz=20, slow=10, SNR=10
 STKA Stephens Creek 29.40 228 P P 01 15 15.7 +0.2
 WRA Warramunga Arr 31.69 254 P P 01 15 36.0 +0.1
 ASAR Alice Springs 32.68 247 P P 01 15 44.2 +0.3
 MKAR Makanchi Array 96.11 317 P P 01 22 36.2 +0.3
 0.6nm, 0.6s, baz=101, slow=1, SNR=6.6

DJA 04 01:30:39.5, 0.2, 8°S, 2°12'E, h356km, 2km, M4, 4/22, mb5.1/7, mb4.3/21, MLV4.3/22, Mw(mb)4.4/7
 NEIC 04 01:30:39.9, 1.4, 7.38S, 0.08E, 121.90E, 0.07, h373km, 6km, mb4.2/24, Error ellipse: s-maj=13.8km s-min=6.8km az=212.0

0.3nm, 0.3s, baz=326, slow=21, SNR=1.5
 1.0nm, 0.4s, baz=64, slow=9, SNR=3.4
 0.3nm, 0.7s, baz=83, slow=8.5, SNR=4.7
 0.7nm, 0.5s, baz=74, slow=9, SNR=12
 0.6nm, 0.6s, baz=101, slow=1, SNR=6.6

0.3nm, 0.3s, baz=118, slow=10, SNR=11
 0.9nm, 0.3s, baz=148, slow=11, SNR=5.9
 164nm, 0.3s, baz=313, slow=1, SNR=4.0

292nm, 0.3s, baz=1.5, slow=22, SNR=17
 0.2nm, 0.2s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19

0.2nm, 0.2s, baz=96, slow=1.4, SNR=1.3
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
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 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

DMN Daman 49.76 316 eP P 01 38 59.0 -1.3
 GKN Gorkha 50.33 316 eP P 01 39 00.4 -0.9
 DANN Danning 51.15 316 eP P 01 39 06.6 -0.9
 WHZ Wether Hill Ro 55.09 142 P P 01 39 34.8 -0.6
 RPZ Rata Peha 56.06 139 P P 01 39 47.1 -0.5
 RPZ comp=2.25nm, 1.1s, baz=329, slow=5.9, SNR=1.7
 SONM Songoing Arr 56.71 348 P P 01 39 41.7 -0.5
 SONM comp=2.2, 2nm, 0.6s, baz=164, slow=8.7, SNR=16
 SONM Songoing Arr 56.71 348 P P 01 39 45.9 -0.9
 WMQ Urumqi 59.65 332 eP P 01 40 07.9 +0.9
 NIL Nilore 61.56 315 Iamb Iamb 01 40 18.5 +1.4
 KSH Kashi 63.09 322 P P 01 40 29.3 -0.7
 KSH comp=2.3, 0nm, 0.5s
 KSH comp=2.2, 2nm, 0.4s, baz=137, slow=5.6, SNR=14
 MK31 Makanchi Array 64.42 331 P P 01 40 37.5 -0.7
 MKAR Makanchi Array 64.42 331 P P 01 40 37.5 -0.8
 KBL Kabul 65.02 314 Iamb Iamb 01 40 41.6 -1.0
 KBL comp=2.2, 2nm, 0.5s, baz=132, slow=7.7, SNR=43
 AAK Ala-Archa 65.86 324 P Iamb Iamb 01 40 47.4 -0.4
 AAK comp=2.2, 5nm, 0.7s
 ZAAO Zalesovo Array 68.64 338 P Iamb Iamb 01 41 02.8 -1.8
 ZAAO comp=2.2, 2nm, 0.8s
 ZALV Zalesovo Beam 68.64 338 P P 01 41 02.5 -2.1
 ZALV comp=2.2, 2nm, 0.4s, baz=137, slow=5.6, SNR=14
 KURBB Kurchatov Arr 68.88 332 P P 01 41 04.7 -1.3
 KURK Kurchatov 68.90 332 P Iamb Iamb 01 41 05.4 -1.1
 BVAR Borovoye Array 74.29 334 P P 01 41 35.7 -2.4
 BVAR comp=2.5, 5nm, 0.5s, baz=99, slow=9.2, SNR=2.7
 ABKAR Akbulak array 77.94 321 P P 01 41 57.0 -1.5
 AKTO Aktyubinsk 79.58 324 P P 01 42 05.3 -2.1
 AKTO comp=2.1, 3nm, 0.6s, baz=114, slow=6.9, SNR=5.9
 GSPA South Pole Qui 82.53 180 P P 01 42 22.4 -0.3
 USHA Ushuaia 117.35 173 PKP PKPdf 01 48 24.9 +0.2
 USHA comp=2.1, 13nm, 0.4s, baz=132, slow=2, SNR=19
 TORD Torodi Arr 120.94 281 PKP PKPdf 01 48 49.9 -0.8
 TORD comp=2.0, 2nm, 0.5s, baz=96, slow=1.4, SNR=1.3
 OS6A Snyder Ridge, 143.29 181 PKP PKPdf 01 49 30.1 0.0
 OS6A comp=2.1, 1nm, 0.4s, baz=141, slow=5.3, SNR=19
 CPUP Villa Florida 146.41 181 PKP PKPdf 01 49 38.2 +0.6
 CPUP comp=2.4, 0nm, 0.8s, baz=206, slow=5.5, SNR=5.2
 CPUP Villa Florida 146.41 181 PKP PKPdf 01 49 38.1 +0.5

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=2, SNR=19
 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

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 0.4nm, 0.8s, baz=206, slow=5.5, SNR=5.2

0.3nm, 0.3s, baz=114, slow=6.9, SNR=5.9
 0.3nm, 0.3s, baz=132, slow=

Triangular moment-rate function
 BUJ 04 01:51:45.4,0.0,21.96Sx176.09W,h155km,mB5.3/11,
 mb4.7/16
 BGR 04 01:51:48.1±0.0,21.34Sx175.42W,h150km
 MARCN Levality
 ISC 04 01:51:40.2±0.5,22.10Sx105.175.67W±0.06,
 h106km±4km,h106km±pp-P,n332,c2s03/333,mb5.0/41,
 35C-27D, Tonga Islands region

Code	Station Name	Δ ^a	AZ ^b	Phase	IDC	Time h m s	Res ISC
NIUE	Niue	6.17 62	P	Op	S	01 53 02.4	-6.4
NIUE	Niue	6.17 62	P	S	Sn	01 54 02.9	-1.5
NIUE	Niue	6.17 62	Pn	Pn	Pn	01 53 02.2	-6.6
NIUE	Niue	6.17 62	P	P	P	01 53 02.4	-6.4
MSVF	Nonsavu	7.33 305	P	P	P	01 53 27.2	+2.5
RAO	Raoul Island	7.40 195	S	Sn	Sn	01 54 50.5	+2.5
AFI	Afiamau	8.95 25	Pn	Pn	Pn	01 53 38.0	-8.7
AFI	Afiamau	8.95 25	P	P	P	01 53 38.1	-7.6
RAR	Rarotonga	14.81 90	P	Pn	Pn	01 55 01.9	-2.5
RAR	Rarotonga	14.81 90	P	S	Sn	01 57 32.1	-1.6
RAR	Rarotonga	14.81 90	P	LR	LR	02 00 35.9	
RAR	Rarotonga	14.81 90	P	Pn	Pn	01 55 01.4	-3.0
RAR	Rarotonga	14.81 90	P	Pn	Pn	01 54 56.5	-7.8
RAR	Rarotonga	14.81 90	P	Pn	Pn	01 55 12.7	+1.4
PINNC	Pines Islet	15.63 265	P	P	P	01 55 19.5	+3.0
DVP	Devils Point	15.79 283	P	P	P	01 55 21.0	+2.7
OZU	Omahuta	16.09 213	P	P	P	01 55 24.0	+2.4
YATNC	Mamie plateau,	16.16 267	P	P	P	01 55 25.5	+3.0
OUCNC	Ouenian Island,	16.19 266	P	P	P	01 55 26.7	+3.9
DZM	Mont Dzumac	16.58 267	eP	P	P	01 55 29.6	+2.4
DZM	Mont Dzumac	16.58 267	eP	P	P	01 59 24.1	
DZM	Mont Dzumac	16.58 267	eP	P	P	01 55 31.0	+3.8
DZM	Mont Dzumac	16.58 267	eP	P	P	01 59 24.1	
DZM	Mont Dzumac	16.58 267	eP	P	P	01 55 30.9	+2.7
DZM	Mont Dzumac	16.58 267	eP	P	P	01 55 32.5	
NOUC	Port Laguerre	16.71 267	P	P	P	01 55 30.3	+3.6
URZ	Urewera	17.35 199	P	P	P	01 55 34.2	-0.2
URZ	Urewera	17.35 199	P	S	Sn	01 58 33.6	-1.3
URZ	Urewera	17.28 199	P	Pn	Pn	01 55 35.0	+0.5
SAHVU	Saravoutou	17.50 289	P	Pn	Pn	01 55 38.1	+0.4
SAHVU	Saravoutou	17.50 289	P	P	P	01 55 40.0	+2.3
HIZ	Hautiti	18.27 204	P	P	P	01 55 47.4	+0.7
HIZ	Hautiti	18.27 204	P	Iamb	Iamb	01 55 50.5	
BKZ	Black Stump Fm	18.28 200	P	P	P	01 55 44.8	-1.0
KAHZ	Kaiurahi	18.75 198	P	S	S	01 57 17.4	-1.2
DVHZ	Dannevirke	19.42 199	P	S	S	01 59 25.3	-6.7
POWZ	Post Office Ro	19.63 200	P	S	S	01 59 31.3	-4.8
PRWZ	Poru Road	19.71 199	P	S	S	01 59 32.4	-5.4
BFZ	Birch Farm	19.75 198	P	S	S	01 59 30.6	-7.8
MRZ	Mungatoinaka R	19.93 200	P	S	S	01 59 35.6	-6.5
HWFZ	Holdsforth Sta	20.17 200	P	S	S	01 59 36.3	-1.0
TMWZ	Te Maipa	20.25 199	P	S	S	01 59 41.2	-7.2
KIW	Kapiti Island	20.33 201	P	S	S	01 59 43.4	-6.6
TRWZ	Traveller	20.57 199	P	S	S	01 59 48.1	-6.6
DUWZ	D'Urville Isla	20.62 203	P	S	S	01 59 50.5	-5.2
PAWZ	Parauwai	20.64 199	P	S	S	01 59 49.0	-7.0
TCW	Tory Channel	20.86 202	P	S	S	01 59 53.1	-7.2
PLWZ	Palliser	20.86 199	P	S	S	01 59 55.7	-4.7
TUWZ	Tuamarina	21.16 202	P	S	S	02 00 00.3	-6.0
QRZ	Quartz Range	21.17 205	P	P	P	01 56 18.3	+1.4
QRZ	Quartz Range	21.17 205	P	Iamb	Iamb	01 56 24.4	
NRZ	Nelson	21.18 203	P	P	P	01 59 59.2	-7.4
TBI	Tubuai	24.20 98	eLQ	LQ	LQ	02 01 42.2	
TBI	Tubuai	24.20 98	eLQ	LQ	LQ	02 02 36.0	
TBI	Tubuai	24.20 98	eLQ	LQ	LQ	02 02 36.0	
TBI	Tubuai	24.20 98	eLQ	LQ	LQ	02 02 36.0	
RPZ	Rata Peaks	24.20 204	P	P	P	01 56 47.3	+0.5
RPZ	Rata Peaks	24.20 204	P	S	S	02 01 02.0	+4.4
RPZ	Rata Peaks	24.20 204	P	P	P	01 56 48.1	+1.2
RPZ	Rata Peaks	24.20 204	P	Iamb	Iamb	01 56 58.9	
LHI	Lord Howe Isla	24.38 242	P	P	P	01 56 51.2	+2.7
LHI	Lord Howe Isla	24.38 242	P	P	P	01 56 50.9	+2.4
PAE	Paea	24.92 84	eT	T	T	02 02 09.0	
PPT2	Papeete2	24.94 84	eLQ	LQ	LQ	02 02 05.5	
PPT2	Papeete2	24.94 84	eLQ	LQ	LQ	02 02 06.7	
PPT2	Papeete2	24.94 84	eLQ	LQ	LQ	02 02 11.0	
PPT2	Papeete2	24.94 84	eLQ	LQ	LQ	02 02 25.4	
LBZ	Lake Benmore	25.10 204	P	P	P	01 56 56.6	+1.6
LBZ	Lake Benmore	25.10 204	P	Iamb	Iamb	01 57 09.5	
TIAR	Tiarei	25.16 84	eT	T	T	02 22 29.0	
TVO	Taravao	25.19 85	eT	T	T	02 22 32.1	
MEH	Mehetia	26.27 86	eT	T	T	02 23 52.0	
MLZ	Mavora Lakes	26.73 206	P	P	P	01 57 11.6	+1.8
MLZ	Mavora Lakes	26.73 206	P	Iamb	Iamb	01 57 13.8	
VAH	Vaihoa	27.40 80	eT	T	T	02 25 16.7	
ARMA	Armidade	30.39 247	P	P	P	01 57 44.0	+1.4
ARMA	Armidade	30.39 247	P	Iamb	Iamb	01 57 45.6	
ARMA	Armidade	30.39 247	P	P	P	01 57 43.7	+1.2
EIDS	Eidsvold	30.56 257	P	P	P	01 57 44.9	+0.9
EIDS	Eidsvold	30.56 257	P	P	P	01 57 44.6	+0.6
MGQC	Mangrove Creek	31.31 242	P	P	P	01 57 52.0	+1.5
RMO	Roma	32.65 255	P	P	P	01 58 04.1	+1.8
CNB	Canberra Magne	33.19 239	P	P	P	01 58 08.9	+1.8
CAN	Canberra	33.48 239	P	P	P	01 58 10.8	+1.3
CAN	Canberra	33.48 239	P	Iamb	Iamb	01 58 12.2	
YNG	Young	33.75 241	P	P	P	01 58 12.9	+1.1
CMSA	Cobar Meteorol	35.59 246	P	P	P	01 58 27.5	-0.1
QLP	Quilpie	36.70 255	P	P	P	01 58 37.8	+0.7
TLO	Toolangi	36.76 236	P	P	P	01 58 39.5	+1.9
TOO	Toolangi	36.76 236	P	P	P	01 58 38.5	+0.9
TOO	Toolangi	36.76 236	P	Iamb	Iamb	01 58 40.1	
TAU	Tasmania Univ	37.07 227	P	P	P	01 58 41.4	+1.3
RKT	Rikitea	37.50 100	eLR	LR	LR	02 08 52.6	
MTSU	Mount Surprise	37.09 269	P	P	P	01 58 45.6	-0.2
STKA	Stevens Creek	39.07 249	P	P	P	01 58 57.2	0.0
STKA	Stevens Creek	39.09 246	P	P	P	01 58 56.3	-1.0
STKA	Stevens Creek	39.09 246	P	LR	LR	02 12 02.9	
STKA	Stevens Creek	39.09 246	P	P	P	01 58 57.0	0.0
STKA	Stevens Creek	39.09 246	P	P	P	01 58 57.0	+1.8
COEN	Coen	39.86 275	P	P	P	01 59 03.3	-0.5
COEN	Coen	39.86 275	P	P	P	01 59 03.6	-0.2
COEN	Coen	39.86 275	P	Iamb	Iamb	01 59 04.4	

HTT	Hallett	41.44 244	P	P	P	01 59 16.4	-0.2
QIS	Mount Isa	41.58 264	P	P	P	01 59 17.7	-0.2
BBOO	Buckiebo	43.81 245	P	P	P	01 59 35.1	-0.7
BBOO	Buckiebo	43.81 245	P	Iamb	Iamb	01 59 35.0	-0.8
BBOO	Buckiebo	43.81 245	P	P	P	01 59 37.6	
AS31	Alice Springs	46.28 258	P	Iamb	Iamb	01 59 55.0	-0.6
AS31	Alice Springs	46.28 258	P	P	P	01 59 57.2	
ASAR	Alice Springs	46.29 258	P	P	P	01 59 54.3	-1.2
ASAR	Alice Springs	46.29 258	P	P	P	02 01 29.8	+0.4
ASAR	Alice Springs	46.29 258	P	P	P	02 05 15.2	+2.1
ASAR	Alice Springs	46.29 258	P	P	P	02 06 26.7	-8.1
ASAR	Alice Springs	46.29 258	P	P	P	01 59 54.4	-1.1
ASPA	Alice Springs	46.29 258	P	P	P	01 59 55.0	-0.6
WR0	Warramunga Arr	46.36 263	P	Iamb	Iamb	01 59 54.4	-1.7
WR0	Warramunga Arr	46.36 263	P	P	P	01 59 56.6	
WR0	Warramunga Arr	46.36 263	P	P	P	01 59 55.3	-2.0
WBC3	Warramunga Arr	46.53 263	P	P	P	01 59 55.6	-1.8
WB2	Warramunga Arr	46.53 263	P	P	P	01 59 55.8	-1.7
WRA	Warramunga Arr	46.55 263	P	P	P	01 59 55.4	-2.2
WRA	Warramunga Arr	46.55 263	P	P	P	02 05 15.4	+1.2
WRA	Warramunga Arr	46.55 263	P	LR	LR	02 18 02.2	
WRA	Warramunga Arr	46.55 263	P	P	P	01 59 55.5	-2.1
KDU	Kakadu	50.16 272	P	P	P	02 00 23.7	-1.6
FORT	Forrest	50.68 248	P	P	P	02 00 28.8	-0.3
FORT	Forrest	50.68 248	P	P	P	02 00 28.8	-0.3
MTN	Manton Dam	51.35 271	P	P	P	02 00 28.8	-0.3
MTN	Manton Dam	51.35 271	P	Iamb	Iamb	02 00 38.5	
FITZ	Fitzroy Crossi	54.98 263	P	P	P	02 01 00.0	-0.8
FITZ	Fitzroy Crossi	54.98 263	P	P	P	02 01 00.0	-0.8
SOEI	Soe	58.72 272	P	P	P	02 01 26.9	-0.7
SOEI	Soe	58.72 272	P	P	P	02 01 26.2	-1.3
KLBR	Kellerberrin	59.34 246	P	P	P	02 01 31.1	-0.5
PSA00	Pilbara Seismi	59.43 257	P	Iamb	Iamb	02 01 31.8	-0.4
PSA00	Pilbara Seismi	59.43 257	P	P	P	02 01 34.6	
MEEK	Meekatharra	59.45 251	P	P	P	02 01 32.9	+0.6
NWAO	Narrogin (SRO)	59.60 244	P	Iamb	Iamb	02 01 35.2	+2.0
NWAO	Narrogin (SRO)	59.60 244	P	P	P	02 01 36.5	
BLDU	Ballidu	60.40 246	P	P	P	02 01 39.6	+1.0
MUN	Mundaring	60.60 245	P	P	P	02 01 40.0	-0.1
MORW	Morawa	61.24 248	P	P	P	02 01 44.7	+0.2
MORW	Morawa	61.24 248	P	Iamb	Iamb	02 01 44.6	+0.2
MORW	Morawa	61.24 248	P	P	P	02 01 48.0	
LWUW	Luwuk	63.36 280	P	P	P	02 01 58.2	-0.5
CASEY	Casey	63.46 206	P	P	P	02 02 00.6	+2.0
GIRL	Giralia	64.22 255	P	P	P	02 02 03.8	-0.5
GIRL	Giralia	64.22 255	P	P	P	02 02 06.5	+2.2
TOLIZ	Toitititi	66.06 282	P	P	P	02 02 16.2	-0.1
QSPA	South Pole Qui	67.98 180	P	Iamb	Iamb	02 02 31.2	+3.5
QSPA	South Pole Qui	67.98 180	P	P	P	02 02 48.5	
JAGI	Jajaj, Banyuwa	68.54 269	P	Iamb	Iamb	02 02 29.5	-2.4
JAGI	Jajaj, Banyuwa	68.54 269	P	P	P	02 02 33.8	
UJGM	Ujunga	72.10 269	P	P	P	02 02 54.4	-1.3
MJAR	Matsushiro Arr	72.79 323	P	P	P	02 02 54.9	-2.4
MJAR	Matsushiro Arr	72.79 323	P	P	P	02 02 55.0	-2.2
PKM	Mpeshere Farm	77.59 44	P	P	P	02 03 26.5	+1.5
PETK	Petrovavlovsk	78.38 344	P	P	P	02 03 25.9	-2.8
PETK	Petrovavlovsk	78.38 344	P	P	P	02 03 53.5	-2.0
PETK	Petrovavlovsk	78.38 344	P	LR	LR	02 32 39.5	
YES	Vestal, Richgr	78.65 44	P	P	P	02 03 31.6	+1.0
MONP	Monument Peak	78.65 48	P	P	P	02 03 32.2	+1.2
IKP	In-Ko-Pah, Jac	78.73 48	P	P	P	02 03 33.1	+1.8
EDW2	Edwards Air Fo	78.77 45	P	P	P	02 03 32.8	+1.4
ISA	Isabella, Lake	78.93 44	P	P	P	02 03 34.2	+1.9
O02D	Mt. Djablo Mer	79.14 38	P	P	P	02 03 35.3	+1.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keskin Array B, Bicz, Kolonice sedl, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, KURK 0.1nm,0.3s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TEH 04 02:48:05.5, 38.05N-42.70E, etc.

NNC 04 02:03:02.5 1.8, 49.84N-87.39E, h0km, mb3.0, mpv2.5, Error ellipse: s-maj=1.6, 1km s-min=10.2km az=46.0

ISC 04 02:03:02.3 1.3, 49.93N-02.87E, h0km, n4, c1928/7, 7C-1D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MK31 0.1nm, 0.2s, etc.

NSPP 04 02:48:03.5, 38.02N-42.67E, h15km, Ms3.5, ISK 04 02:48:04.3, 38.03N-42.73E, h3km, ML4.1/1.4

ISC 04 02:48:04.8 1.0, 38.00N-42.64E, h0km, mb3.7/1.2, mb1 3.7/19, mb1mx3.6/47, mbmp3.6/19, ML2.8/5, MS2.8/7, Ms1 2.9/7, ms1mx2.6/40, Error ellipse: s-maj=18.0km s-min=10.7km az=161.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DDA 04 02:48:04.8, 38.04N-42.72E, h6km, 1km, MW4.1

ISC 04 02:26:49.8 12.0, 49.61S-139.81E, h0km, mb3.6/2, s-maj=545.2km s-min=60.5km az=100.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRIK Erzurum-spir, ITBZ Tabriz, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SEM Semipalatinsk, BRZS Berezinski, MAKZ Makanchi, etc.

Code Station Name Azimuth Phase ID Time Res
I46RU ZALESOVO INFRA 5.53 42 i
ZALV Zalesovo Beam 5.53 42 Pn
KARB Kuratobe 6.45 192 Pg
KTBS 3.7nm,0.4s

IDC 04 07:25:23.1-2.7, 53.74N-86.79E, h0km, mb1 3.1/2,
mb1mx2.9/5.1, mbtmp3.1/2, ML2.7/2, Error ellipse:
s-maj=23.2km s-min=12.6km az=73.0, Southwestern
Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KARB Kuratobe, etc.

JMA 04 08:14:46.2-0.1, 24.55N-121.53E, h61km, mb3.5, mpv3.2,
ASIES 04 08:14:47.8, 24.63N-121.65E, h46km, MW3.9
IASPEI 04 08:14:47.8-1.3, 24.60N-121.63E, h52km, 5km,
mb3.9/11, Error ellipse: s-maj=3.8km s-min=3.0km
az=113.7, G75 selection from ISC bulletin G75 identified
by Bondr and McLaughlin (2009) selection criteria Bondr
and McLaughlin, A new ground truth data set for seismic
studies, Seism. Res. Let., 80, 465-472,
2009
NEIC 04 08:14:47.0-1.5, 24.54N-121.59E, h59km, 5km,
mb4.4/8, ML4.5(TAP), Error ellipse: s-maj=6.1km
s-min=4.5km az=208.0
TAP 04 08:14:47.5, 24.59N-121.61E, h53km, ML4.7, B
IDC 04 08:14:58.0-5.8, 24.53N-121.62E, h162km, 56km, mb3.3/7,
mb1 3.5/8, mb1mx3.2/4.2, mbtmp3.8/8, MS2.8/1, Ms1 2.8/1,
ms1mx2.5/2.7, Error ellipse: s-maj=35.7km s-min=15.3km
az=73.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENTT Nioudou, NDT Datong Townshi, TWE Neicheng, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YHNB Yeheng, ENA Nanaui, ENA Sanguang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HSN baz=294, HWA Hwalien, TWY Chenhua, etc.

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

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 833A Chaparral WMA, SMCO Snowmass, SMCO Snowmass, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like I23K Minto, YKON-K, TCOL CIGU, UAF Yank, etc.

TOLK	Toolik Lake Re baz=204	96.10	9	P		08 34 10.7 +1.1
NATX	Nacogdoches comp=Z,2um,19.0s	96.29	58	IAMS_20	IAMS_20	09 12 23.0
R32A	Long Quarter, comp=Z,19nm,1.2s	96.35	50	P	P	08 34 12.2 +0.7
R32A				IAMB	IAMB	08 34 14.6
R32A				IAMS_20	IAMS_20	09 11 59.3
OK031	S. Brethren Rd comp=Z,1um,18.0s	96.54	53	IAMS_20	IAMS_20	09 23 03.6
EPYK	Eagle Plains comp=Z,16nm,1.4s	96.55	15	IAMB	IAMB	08 34 27.9
KS21	Milan North St comp=Z,2um,20.0s	96.56	52	IAMS_20	IAMS_20	09 13 34.0
OK030	Cody Creek RV comp=Z,1um,19.0s	96.57	53	IAMS_20	IAMS_20	09 15 51.3
T35A	Sooner Cattle comp=Z,2um,19.0s	97.21	53	IAMS_20	IAMS_20	09 11 44.3
TUL1	Leonard comp=Z,2um,19.0s	97.28	54	IAMS_20	IAMS_20	09 14 09.2
LZH	Lanzhou	97.47	306	JP	Pdf	08 34 18.6 +1.8
LZH				SP	PwP	08 34 29.3 +0.3
LZH				SKS	SKS	08 34 34.9 +7.8
LZH				SKS	SKSac	08 44 55.0 +2.5
LZH				S	S	08 45 37.2 -2.6
LZH				S	S	08 45 57.2 +4.6
LZH	comp=Z,17nm,1.0s			pmax	pmax	
LZH	comp=Z,200nm,8.1s			pmax	pmax	
LZH	comp=Z,400nm,20.6s			LR	LR	
LZH	comp=Z,990nm,20.0s			LR	LR	
LZH	comp=Z,660nm,20.0s			LR	LR	
YAK	Yakutsk	97.70	337	CeP	Pdf	08 34 17.2 +0.3
YAK				pmax	pmax	
DGMT	Dagmar baz=240	97.72	40	P	Pdf	08 34 18.5 +1.0
DGMT	Dagmar comp=Z,8.9nm,0.9s	97.72	40	IAMB	IAMB	08 34 21.4
K31A	O'Neill comp=Z,2um,19.0s	98.26	47	P	Pdf	08 34 21.1 +1.1
MIAR	Mout Ida comp=Z,2um,19.0s	98.32	56	IAMS_20	IAMS_20	09 14 42.7
U38A	Gravette comp=Z,2um,21.0s	98.54	54	IAMS_20	IAMS_20	09 13 20.4
INK	Inuvik comp=Z,4.0nm,0.9s,baz=192,slow=4.4,SNR=7	98.84	15	P	Pdf	08 34 22.6 +0.7
INK	Inuvik comp=Z,2um,18.0s	98.84	15	IAMS_20	IAMS_20	09 21 25.9
X40A	Basin Creek Fa comp=Z,2um,21.0s	98.85	56	IAMS_20	IAMS_20	09 12 49.7
E28A	Huff comp=Z,1um,18.0s	98.87	42	IAMS_20	IAMS_20	09 21 54.8
143A	Socs Landing, comp=Z,1um,20.0s	99.19	58	IAMS_20	IAMS_20	09 12 39.7
L34A	Svendsen Farm, comp=Z,1um,18.0s	99.55	48	IAMS_20	IAMS_20	09 14 15.8
N35A	Tabor comp=Z,2um,18.0s	99.56	49	IAMS_20	IAMS_20	09 14 00.3
U40A	Yellville comp=Z,1um,20.0s	99.62	54	IAMS_20	IAMS_20	09 14 10.1
S39A	Bolivar comp=Z,1um,18.0s	99.84	53	IAMS_20	IAMS_20	09 20 13.8
MDND	Maddock comp=Z,2um,20.0s	100.12	42	IAMS_20	IAMS_20	09 16 07.8
ECSD	EROS Data Cent baz=244	100.16	46	P	Pdf	08 34 29.1 +0.8
ECSD	EROS Data Cent comp=Z,2um,19.0s	100.16	46	IAMS_20	IAMS_20	09 14 55.0
YKA	Yellowknife Ar comp=Z,1.4nm,0.8s,baz=233,slow=3.9,SNR=25	100.23	23	P	Pdf	08 34 29.9 +0.6
YKA	Yellowknife Ar comp=Z,0.3nm,0.9s,baz=227,slow=8.3,SNR=6.0	100.23	23	PP	PP	08 38 36.5 -0.1
YKA	Yellowknife Ar comp=Z,0.4nm,0.8s,baz=228,slow=1.2,SNR=4.1	100.23	23	PKKP	PKKP	08 38 56.6 +0.8
YKA	Yellowknife Ar comp=Z,0.4nm,0.8s,baz=228,slow=1.2,SNR=4.1	100.23	23	PKKPbc	PKKPbc	08 50 45.4 -1.5
P38A	Dawn comp=Z,2um,18.0s	100.50	51	IAMS_20	IAMS_20	09 20 50.2
ULN	Ulaanbaatar comp=Z,2um,20.0s	100.58	318	eP	Pdf	08 34 29.7 -0.6
ULN				pmax	pmax	
R40A	Maddies Statio comp=Z,2um,18.0s	100.85	53	IAMS_20	IAMS_20	09 20 35.4
S0NM	Songiro Array comp=Z,0.2nm,0.4s,baz=137,slow=5.1,SNR=2.7	100.96	318	P	Pdf	08 34 32.0 0.0
S0NM	Union comp=Z,0.8nm,0.9s,baz=278,slow=3.1,SNR=4.0	100.97	59	IAMS_20	IAMS_20	09 15 19.9
146A	5 Mile Ranch, comp=Z,1um,19.0s	101.28	45	IAMS_20	IAMS_20	09 19 07.4
F33A	5 Mile Ranch, comp=Z,2um,18.0s	101.28	45	IAMS_20	IAMS_20	09 25 38.3
MET	Memphis-Engin comp=Z,1um,19.0s	101.28	56	IAMS_20	IAMS_20	09 25 38.3
D32A	Dogwood Acres, comp=Z,2um,20.0s	101.38	43	IAMS_20	IAMS_20	09 17 48.1
CCM	Cathedral Cave comp=Z,2um,20.0s	101.49	53	IAMS_20	IAMS_20	09 14 40.5
PBMO	Poplar Bluff comp=Z,2um,20.0s	101.57	55	IAMS_20	IAMS_20	09 15 03.8
GTA	Gaotai	101.76	308	eP	Pdf	08 34 35.8 0.0
GTA				pP	sPdf	08 34 44.0 -2.1
GTA				pmax	pmax	
GTA	comp=Z,110nm,7.8s			LR	LR	
GTA	comp=Z,370nm,16.7s			LR	LR	
GTA	comp=Z,580nm,19.6s			LR	LR	
W45A	Hickory Valley comp=Z,1um,19.0s	101.86	57	IAMS_20	IAMS_20	09 14 50.5
C36M	Paultuk baz=226	101.92	17	P	Pdf	08 34 36.1 +0.6
C36M	Paultuk comp=Z,1um,19.0s	101.92	17	IAMS_20	IAMS_20	09 19 19.2
Z47A	Carrollton comp=Z,2um,20.0s	101.95	59	IAMS_20	IAMS_20	09 14 58.0
FFC	Flin Flon comp=Z,1um,19.0s	101.97	35	IAMS_20	IAMS_20	09 24 55.3
FVM	French Village comp=Z,2um,18.0s	102.05	54	IAMS_20	IAMS_20	09 17 04.4
SLM	Saint Louis comp=Z,2um,19.0s	102.45	53	IAMS_20	IAMS_20	09 17 37.8
AGMN	Agassiz Nation comp=Z,1um,19.0s	102.58	42	IAMS_20	IAMS_20	09 22 26.7
PLAL	Pickwick Lake comp=Z,2um,20.0s	102.63	57	IAMS_20	IAMS_20	09 15 41.0
LRLAL	Lakeview Retre comp=Z,2um,20.0s	102.72	59	IAMS_20	IAMS_20	09 15 44.3
S44C	Carbonate comp=Z,1um,20.0s	102.79	54	IAMS_20	IAMS_20	09 15 12.1
SIUC	Southern Illin comp=Z,1um,19.0s	102.83	54	IAMS_20	IAMS_20	09 15 42.5
X48A	Hartselle comp=Z,2um,20.0s	103.22	58	IAMS_20	IAMS_20	09 15 46.5
SPMN	Marine on St. comp=Z,2um,18.0s	103.26	46	IAMS_20	IAMS_20	09 18 21.0
P43M	Skaggs, Pawnee comp=Z,2um,18.0s	103.35	52	IAMS_20	IAMS_20	09 26 17.6
U34A	Lac du Bonnet comp=Z,2um,19.0s	103.37	41	IAMS_20	IAMS_20	09 21 16.7
Q44A	Meyer Farm, Va comp=Z,2um,19.0s	103.43	53	IAMS_20	IAMS_20	09 18 07.8
HDIL	Hopedale comp=Z,2um,20.0s	103.85	52	IAMS_20	IAMS_20	09 15 50.0
U48A	Smith Brothers comp=Z,1um,18.0s	103.87	57	IAMS_20	IAMS_20	09 24 35.6
USIN	University of comp=Z,2um,19.0s	104.06	55	IAMS_20	IAMS_20	09 16 12.7
JFWS	Jewell Farm comp=Z,1um,18.0s	104.07	49	IAMS_20	IAMS_20	09 20 02.7
Z51A	Franklin comp=Z,2um,20.0s	104.24	60	IAMS_20	IAMS_20	09 17 09.6
FPAL	Fort Paine comp=Z,1um,20.0s	104.35	58	IAMS_20	IAMS_20	09 16 32.5
SWET	Sewanee comp=Z,1um,19.0s	104.35	58	IAMS_20	IAMS_20	09 16 08.5
CLTN	Cedars of Lebanon comp=Z,2um,19.0s	104.37	57	IAMS_20	IAMS_20	09 18 28.9
W50A	Signal Mountai comp=Z,2um,20.0s	104.82	58	IAMS_20	IAMS_20	09 16 43.8

U49A	Red Boiling Sp comp=Z,2um,20.0s	104.94	56	IAMS_20	IAMS_20	09 17 26.9
X51A	Calhoun comp=Z,1um,20.0s	104.94	59	IAMS_20	IAMS_20	09 17 22.1
G40A	Carrollton comp=Z,2um,20.0s	104.98	47	IAMS_20	IAMS_20	09 18 01.5
EYMN	Ely comp=Z,2um,18.0s	105.13	44	IAMS_20	IAMS_20	09 22 40.4
PALK	Palleke comp=Z,1um,21.0s	105.17	271	IAMS_20	IAMS_20	09 19 45.0
Y52A	Lilburn comp=Z,1um,19.0s	105.30	60	IAMS_20	IAMS_20	09 18 00.8
K43A	Burlington comp=Z,2um,20.0s	105.31	50	IAMS_20	IAMS_20	09 17 48.4
CPCT	Cooper Cave comp=Z,1um,20.0s	105.51	58	IAMS_20	IAMS_20	09 17 14.2
GOGA	Godfrey comp=Z,2um,19.0s	105.61	60	IAMS_20	IAMS_20	09 18 33.9
V51A	Loudon comp=Z,1um,19.0s	105.77	58	IAMS_20	IAMS_20	09 17 11.9
W52A	Murphy comp=Z,1um,19.0s	105.84	58	IAMS_20	IAMS_20	09 17 46.9
TKL	Tuckaleechee C comp=Z,1um,19.0s	106.16	58	IAMS_20	IAMS_20	09 17 24.2
H43A	Windswept, Lux comp=Z,1um,20.0s	106.31	48	IAMS_20	IAMS_20	09 18 34.8
V52A	Sevierville comp=Z,2um,20.0s	106.35	58	IAMS_20	IAMS_20	09 17 39.5
BG3	Lake Jocassee comp=Z,1um,18.0s	106.57	59	IAMS_20	IAMS_20	09 17 43.3
P49A	Miami Univ. Ec comp=Z,2um,21.0s	106.77	54	IAMS_20	IAMS_20	09 17 57.4
V53A	Saluda comp=Z,2um,19.0s	106.89	58	IAMS_20	IAMS_20	09 18 09.8
Z56A	Williston comp=Z,1um,20.0s	107.22	61	IAMS_20	IAMS_20	09 19 07.7
PAULI	Pauline comp=Z,1um,19.0s	107.38	59	IAMS_20	IAMS_20	09 19 26.7
N49A	Columbus Grove comp=Z,1um,19.0s	107.62	53	IAMS_20	IAMS_20	09 21 38.7
KM5C	Kings Mountain comp=Z,1um,20.0s	107.86	59	IAMS_20	IAMS_20	09 18 42.4
NH5C	New Hope comp=Z,2um,19.0s	108.09	61	IAMS_20	IAMS_20	09 20 15.7
V55A	Taylorsville comp=Z,1um,19.0s	108.18	58	IAMS_20	IAMS_20	09 18 31.9
AC50	Alum Creek Sta comp=Z,2um,18.0s	108.26	54	IAMS_20	IAMS_20	09 29 36.8
M50A	Fremont comp=Z,2um,18.0s	108.59	52	IAMS_20	IAMS_20	09 21 44.3
N51A	Ashland comp=Z,1um,18.0s	108.92	53	IAMS_20	IAMS_20	09 32 53.1
O52A	Adamsville comp=Z,2um,20.0s	109.06	54	IAMS_20	IAMS_20	09 19 14.9
BLA	Blacksburg comp=Z,1um,18.0s	109.22	57	IAMS_20	IAMS_20	09 28 02.3
O53A	New Philadelph comp=Z,2um,20.0s	109.56	54	IAMS_20	IAMS_20	09 20 10.0
V58A	Windy Hill, Pi comp=Z,1um,20.0s	109.78	59	IAMS_20	IAMS_20	09 19 32.3
N53A	Lisbon comp=Z,2um,19.0s	109.99	54	IAMS_20	IAMS_20	09 21 35.6
SPB	Sao Paulo comp=Z,1um,18.0s	110.03	130	IAMS_20	IAMS_20	09 21 58.0
T57A	Hurt comp=Z,1um,18.0s	110.04	58	IAMS_20	IAMS_20	09 24 16.1
M53A	Wi Miller and comp=Z,1um,19.0s	110.30	53	IAMS_20	IAMS_20	09 26 11.6
MCWV	Mont Chateau comp=Z,1um,20.0s	110.38	55	IAMS_20	IAMS_20	09 20 09.0
S57A	Dark Hollow, R comp=Z,2um,20.0s	110.50	57	IAMS_20	IAMS_20	09 22 20.1
CNNC	Cliffs of the comp=Z,1um,20.0s	110.56	60	IAMS_20	IAMS_20	09 21 51.1
ERPA	Erie comp=Z,2um,19.0s	110.98	52	IAMS_20	IAMS_20	09 24 19.7
M54A	Oil Creek Stat comp=Z,1um,20.0s	111.04	53	IAMS_20	IAMS_20	09 24 14.4
V60A	Jim Taylor Roa comp=Z,1um,21.0s	111.21	60	IAMS_20	IAMS_20	09 20 46.1
T59A	Double Bar comp=Z,1um,19.0s	111.33	58	IAMS_20	IAMS_20	09 29 35.4
WMQ	Urumqi comp=Z,340nm,20.1s	111.78	309	ePKP	PKIKP	08 39 17.1 -0.3
WMQ				LR	LR	
WMQ				LR	LR	
U61A	Possum Court comp=Z,2um,19.0s	112.00	59	IAMS_20	IAMS_20	09 27 36.2
T60A	Surry comp=Z,1um,18.0s	112.01	58	IAMS_20	IAMS_20	09 27 08.2
WVNY	West Valley, N comp=Z,1um,18.0s	112.05	52	IAMS_20	IAMS_20	09 33 30.9
SDMD	Soldier's Deli comp=Z,1um,18.0s	112.55	56	IAMS_20	I	

Table with columns for station name, frequency, and various signal quality indicators (e.g., i/LRM, MLR, PKP, etc.). Includes stations like MNK, NACGM, AKASG, GOET, MUD, etc.

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like UPCE, DPC, BRG, KRALIC, MORC, etc.

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like LIS, MESJ, MORF, TOR, etc.

NDI 04 10:44:17.3-4.0, 32.97N:83.47E, h10km, mb5.1, mb5.1(NEIC)
 GCMT 04 10:44:20.7-0.1, 32.96N:01.8358E:0.01, h27km, MW5.4/148, Moment Tensor Solution. s104.c150; s148.c274; Duration: 152 Moment tensor: Scale 10¹⁷ Nm; Mn=0.04±0.03; Mw=1.50±0.02; M_{max}=1.53±0.03; M₀=0.11±0.05; M₀=0.57±0.02; M₀=0.15±0.05; Best double couple: M₀=1.62900±0.1017° N1₁=215.00000°, 884.00000°, 72.00000°. NP2: 0.125.00000°, 888.00000°, 174.00000°. Principal axes: T 1.6500, Plg6.0000°, Azm80.0000°; N -0.0490, Plg64.0000°, Azm287.0000°; P -1.6080, Plg3.0000°, Azm170.0000°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

ISC 04 10:44:16.8-0.5, 32.98N:0.03-83.35E:0.03, h10km, 2km, h10km: pP-P, n595, c200/663, mb5.0/174, M55.0/81, 34C-30D, Fault plane solution: NP1: 0.208.72063°, 076.64812°, λ-16.86069°. NP2: 0.302.72418°, 073.60810°, λ-16.607126°. Principal axes: T Plg2.0778°, Azm256.0989°; N Plg68.6140°, Azm351.4146°; P Plg21.2749°, Azm165.2894°; Xizang

Code	Station Name	Δ°	AZ°	Op	ISC	Time	Res
AAK	comp=Z,0.6nm,0.3s,baz=131,slo=11,SNR=26			Lg	Lg	10 50 30.4	
AAK	Ala-Archa	11.98 327	P	Pn		10 47 10.2 +2.3	
AAK	Ala-Archa	11.98 327	P	Pn		10 47 09.1 +1.2	
AAK	comp=Z,87nm,1.3s	11.98 327	P	Pn		10 47 08.5 +0.6	
AAK	Ala-Archa	11.98 327	P	Pn		10 47 10.3 +2.4	
AAK	Ala-Archa	11.98 327	P	Pn		10 47 10.3 +2.4	
AAK	Ala-Archa	11.98 327	P	Pn		10 47 07.1 -1.2	
CHKK	Chushikaly	12.03 337	eP	Pn		10 47 07.1 -1.2	
CHKK	Chushikaly	12.03 337	eP	Pn		10 47 07.1 -1.2	
CHKK	Kabl	12.03 282	P	Pn		10 47 08.5 -0.1	
KBL	Kabl	12.03 282	Pn	Pn		10 47 08.5 -0.1	
KBL	Kabl	12.03 282	P	Pn		10 47 10.2 +1.6	
KBL	SNR=83						
KBL	SNR=83					10 47 10.2 +1.6	
KBL	SNR=83					10 49 21.3 -1.7	
KBL	SNR=83					10 49 21.3 -1.7	
KBL	SNR=83					10 49 40.7	
LKP	Lekhapani	12.15 114	ex	Sn		10 47 13.4 +3.3	
CHMS	Chumyush	12.15 329	P	Pn			
IMP	Op	12.27 128	eP	Pn		10 47 11.3 -0.5	
IMP	Imphal	12.27 128	eP	Pn		10 47 11.3 -0.5	
KUU	Kurty	12.28 335	eP	Pn		10 49 40.6	
KUU	comp=Z,13nm,1.3s,baz=335					10 47 10.0 -1.9	
KUU	Kurty	12.28 335	eP	Pn		10 52 00.6	
KUU	comp=Z,1μm,9.2s,baz=335					10 47 09.9 -1.9	
KUU	Kurty	12.28 335	eP	Pn		10 47 09.9 -1.9	
KUU	comp=Z,13nm,1.3s						
KUU	comp=Z,1μm,9.0s						
NGP	Nagpur	12.30 199	eP	Pn		10 47 09.7 -2.5	
EKS2	Erkin-Say	12.34 325	P	Pn		10 47 17.5 +4.8	
USP	Ospenovka	12.48 329	P	Pn		10 47 15.0 +0.4	
USP	SNR=8.9						
SGDS	Sogindy	12.57 330	eP	Pn		10 47 14.4 -1.5	
SGDS	comp=Z,6.2nm,1.8s,baz=329					10 52 24.6	
SGDS	Sogindy	12.57 330	eP	Pn		10 47 14.3 -1.5	
SGDS	comp=Z,6.0nm,1.8s						
SGDS	Sogindy	12.57 330	eP	Pn		10 47 14.3 -1.5	
TDK	Taldyqorghan	12.69 344	eP	Pn		10 47 16.4 -1.0	
TDK	comp=Z,24nm,1.1s,baz=343					10 53 00.9	
TDK	Taldyqorghan	12.69 344	eP	Pn		10 47 16.3 -1.0	
TDK	comp=Z,2μm,11.2s,baz=343						
TDK	Taldyqorghan	12.69 344	eP	Pn		10 47 16.3 -1.0	
SAIH	SAIHA	13.41 138	eP	Pn		10 47 25.2 -2.3	
SAIH	SAIHA	13.41 138	eP	Pn		10 49 50.2	
DZA	Taraz	13.76 320	eP	Pn		10 47 30.3 -1.8	
DZA	baz=319					10 53 10.8	
DZA	Taraz	13.76 320	eP	Pn		10 47 30.2 -1.8	
DZA	comp=Z,440nm,8.2s,baz=319						
DZA	Taraz	13.76 320	eP	Pn		10 47 30.2 -1.8	
MK31	Makanchi Array	13.91 357	iP	Pn		10 47 32.4 -1.7	
MK31	comp=Z,63nm,0.7s					10 47 32.2 -1.8	
MKAR	Makanchi Array	13.91 357	Pn	Pn		10 47 33.2 -0.8	
MKAR	comp=Z,1.2nm,0.3s,baz=181,slo=12,SNR=93					10 52 56.6 +0.6	
MKAR	Makanchi Array	13.91 357	Pn	Pn		10 54 11.5	
MKAR	comp=Z,0.2nm,0.3s,baz=183,slo=1.9,SNR=5.1					10 56 29.4 -0.2	
MKAR	Makanchi Array	13.91 357	Pn	Pn		10 47 32.0 -2.1	
MAKZ	Makanchi Array	13.94 356	P	Pn		10 47 33.9 -0.6	
MAKZ	Makanchi Array	13.94 356	P	Pn		10 47 33.9 -0.6	
TAS	Tashkent	14.01 311	Pn	Pn		10 47 35.1 -0.4	
TAS	Tashkent	14.01 311	Pn	Pn		10 47 35.1 -0.4	
IUG	Iuzhny	14.03 315	eP	Pn		10 47 34.2 -1.6	
IUG	comp=Z,21nm,1.3s,baz=314					10 52 24.6	
IUG	Iuzhny	14.03 315	eP	Pn		10 47 34.1 -1.6	
IUG	comp=Z,700nm,8.6s,baz=314						
IUG	Iuzhny	14.03 315	eP	Pn		10 47 34.1 -1.6	
BTLs	Baital	14.12 332	eP	Pn		10 47 34.6 -2.2	
BTLs	baz=332					10 47 38.4 -1.7	
BTLs	Baital	14.12 332	eP	Pn		10 47 38.4 -1.7	
KK31	Karatay Array	14.35 319	P	Pn		10 47 38.4 -1.7	
KK31	Karatay Array	14.35 319	P	Pn		10 47 38.4 -1.7	
KKAR	Karatay Array	14.35 319	Pn	Pn		10 47 38.1 -2.0	
KKAR	Karatay Array	14.35 319	Pn	Pn		10 47 40.6 -2.8	
ZSN	Zaisan	14.59 4	eP	Pn		10 47 40.5 -2.8	
ZSN	baz=4.0					10 47 44.2 -2.1	
GTA	Zaisan	14.59 4	eP	Pn		10 47 48.5 -3.8	
GTA	Goatla	14.80 59	iP	Pn		10 47 51.6	
GTA	Goatla	14.80 59	iP	Pn		10 50 22.8 -7.6	
GTA	comp=Z,8.0nm,1.4s						
GTA	Goatla	14.80 59	iP	Pn		10 48 21.3 -1.8	
GTA	comp=Z,230nm,7.3s					10 48 23.5 -1.4	
GTA	Goatla	14.80 59	iP	Pn		10 51 28.3 -0.3	
GTA	comp=Z,20μm,16.0s					10 51 35.1 -2.9	
GTA	Goatla	14.80 59	iP	Pn		10 48 16.0 -1.3	
BHUJ	Bhuji	15.43 235	ex	X		10 48 21.3 -1.8	
HYB	Hyderabad	16.00 197	iP	Pn		10 48 23.5 -1.4	
HYB	Hyderabad	16.00 197	eP	Pn		10 51 28.3 -0.3	
HYB	Hyderabad	16.00 197	eP	Pn		10 51 35.1 -2.9	
HYB	Hyderabad	16.00 197	eP	Pn		10 48 16.0 -1.3	
HYB	Hyderabad	16.00 197	eP	Pn		10 48 21.3 -1.8	
HYB	Hyderabad	16.00 197	eP	Pn		10 48 23.5 -1.4	
HYB	Hyderabad	16.00 197	eP	Pn		10 51 28.3 -0.3	
HYB	Hyderabad	16.00 197	eP	Pn		10 51 35.1 -2.9	
POO	Poonsa	16.65 213	iP	Pn		10 48 07.0 -3.5	
POO	comp=Z,160nm,1.2s					10 48 07.9 -2.7	
POO	Poonsa	16.65 213	iP	Pn		10 48 09.3	
POO	Poonsa	16.65 213	iP	Pn		10 48 20.0 +1.3	
POO	Poonsa	16.65 213	iP	Pn		10 51 06.0	
POO	Poonsa	16.65 213	iP	Pn		10 51 20.0	
DGZ	Jazzator, Alta	17.07 90	eP	Pn		10 48 13.9 -1.8	
DGZ	comp=Z,65nm,1.5s						
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 28.3 -0.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 51 35.1 -2.9	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 16.0 -1.3	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 21.3 -1.8	
LZH	Lanzhou	17.19 74	eP	Pn		10 48 23.5 -1.4	
LZH	Lanzhou	17.19 74	eP	Pn</			

4d 10h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BTO Baotou, MOY Monday, PBA Port Blair, etc.

2015 FEB

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SVE comp=Z,28nm,1.4s, SVE comp=Z,3um,13.0s, SHAO Shalim, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like VSR comp=Z,10.0nm,0.6s, VSR comp=Z,2um,16.0s, ANN Anapa, etc.

PBMO	Poplar Bluff	35.95 321	P	P	11 06 19.3 +0.7
PBMO	comp=Z,39nm,0.9s		I	Amb	11 06 20.6
LCAR	Lake Charles	35.97 319	P	P	11 06 19.4 +0.5
LCAR	comp=Z,33nm,1.5s		I	Amb	11 06 20.6
F60A	Warwick	35.98 349	P	P	11 06 19.8 +1.1
UALR	University of	36.00 316	P	P	11 06 19.4 +0.4
UALR	comp=Z,20nm,0.8s		I	Amb	11 06 20.9
DELO	Deloro Mine	36.01 342	P	P	11 06 19.6 +0.6
DELO	comp=Z,32nm,0.8s		I	Amb	11 06 21.1
P46A	Rosedale	36.02 327	P	P	11 06 20.9 +1.7
NATX	Nacogdoches	36.09 330	P	P	11 06 20.2 +0.4
NATX	comp=Z,119,SNR=7.3		I	Amb	11 06 20.3 +0.4
W41B	Gary Maivay, V	36.16 317	P	P	11 06 21.1 +0.6
W41B	comp=Z,125,SNR=1.1		I	Amb	11 06 20.9 +0.3
X40A	Basin Creek Fa	36.17 316	P	P	11 06 21.1 +0.5
X40A	comp=Z,124,SNR=5.1		I	Amb	11 06 22.1 +1.3
ESCB	Bom Succeso	36.18 151	eP	P	11 06 20.9 +0.3
HKT	Hockley	36.18 307	P	P	11 06 21.2 +0.6
HKT	comp=Z,26nm,1.2s		I	Amb	11 06 22.8
N47A	Urbana	36.18 330	P	P	11 06 21.5 +1.0
N47A	comp=Z,30nm,1.3s		I	Amb	11 06 22.9
E61A	Lac Elichemin	36.18 351	P	P	11 06 21.6 +1.1
E61A	comp=Z,33nm,1.0s		I	Amb	11 06 22.9
SJMB	Sao Joao De Ma	36.21 144	eP	P	11 06 22.4 +1.4
WHAR	Wooley Woolly	36.26 317	P	P	11 06 21.6 +0.4
WHAR	comp=Z,26nm,1.0s		I	Amb	11 06 22.9
FRFB	Fatura	36.26 159	eP	P	11 06 23.5 +2.1
GO02	Mina Guanaco	36.27 190	P	P	11 06 21.9 +0.1
GO02	comp=Z,19nm,1.1s		I	Amb	11 06 22.2
K50A	Ann Arbor	36.30 335	P	P	11 06 22.8 +1.3
AAM	Ann Arbor	36.35 334	P	P	11 06 23.8 +1.8
AAM	comp=Z,7.1nm,0.8s		I	Amb	11 06 23.4 +1.4
AAM	comp=Z,7.1nm,0.8s		I	Amb	11 06 23.4 +1.4
AAM	Ann Arbor	36.35 334	P	P	11 06 23.4 +1.4
H53A	Bocbaygeon	36.36 341	P	P	11 06 22.8 +0.8
F57A	Harrington	36.41 346	P	P	11 06 23.3 +1.0
L48A	N Adams	36.41 332	P	P	11 06 23.6 +1.1
D63A	Stockholm	36.47 354	P	P	11 06 24.2 +1.3
FCAR	Ozark Folk Cen	36.50 318	P	P	11 06 23.7 +0.4
FCAR	comp=Z,34nm,0.8s		I	Amb	11 06 25.1
BSFB	Barra de Sao F	36.51 143	eP	P	11 06 25.5 +2.0
Q44A	Meyer Farm, Va	36.51 325	P	P	11 06 24.2 +0.8
SFIN	Lafayette	36.51 328	P	P	11 06 24.7 +1.4
SFIN	comp=Z,138		I	Amb	11 06 25.1 +1.7
T42A	Van Buren	36.53 320	P	P	11 06 23.7 +0.2
T42A	comp=Z,21nm,1.1s		I	Amb	11 06 24.8
I51A	Listowel	36.53 338	P	P	11 06 24.4 +0.9
E58A	La Victoria	36.63 348	P	P	11 06 25.2 +1.0
SADO	Sadowa	36.72 340	P	P	11 06 25.6 +0.6
SADO	comp=Z,13nm,0.7s		I	Amb	11 06 26.1 +1.1
SADO	comp=Z,13nm,0.7s		I	Amb	11 06 26.1 +1.1
MIAR	Mount Ida	36.72 315	P	P	11 06 25.5 +0.3
MIAR	comp=Z,123,SNR=9.2		I	Amb	11 06 25.6 +0.4
MIAR	Mount Ida	36.72 315	P	P	11 06 25.5 +0.3
MIAR	comp=Z,8.0nm,0.9s		I	Amb	11 06 25.6 +0.4
D60A	Saint Jean D'O	36.72 351	P	P	11 06 25.9 +0.9
FVM	French Village	36.72 322	P	P	11 06 26.1 +0.9
FVM	comp=Z,45nm,1.4s		I	Amb	11 06 26.1 +0.9
FVM	French Village	36.72 322	P	P	11 06 26.1 +0.9
FVM	comp=Z,34nm,1.1s		I	Amb	11 06 26.1 +0.9
PTGB	Pitanga	36.76 163	eP	P	11 06 27.3 +1.7
TRQ	Mont Tremblant	36.76 346	P	P	11 06 26.5 +1.0
D61A	St Aubert, Com	36.79 352	P	P	11 06 27.6 +1.2
VAO	Valinhos	36.94 155	eP	P	11 06 29.4 +2.2
G54A	Lake Saint Pe	36.95 342	P	P	11 06 27.8 +0.8
D59A	Saint-Raymond	36.96 350	P	P	11 06 28.2 +1.1
Z38A	M. Pleasant	37.05 312	P	P	11 06 28.5 +0.5
Z37A	Washetta, Mont	37.06 310	P	P	11 06 29.3 +1.2
RIB01	Linhares ES	37.15 143	eP	P	11 06 30.4 +1.5
E56A	St. Veronique	37.18 346	P	P	11 06 30.1 +1.2
CPUP	Villa Florida	37.22 172	P	P	11 06 29.6 +0.2
CPUP	comp=Z,1.1nm,0.9s		I	Amb	11 06 27.7 +0.4
CPUP	comp=Z,2.8nm,0.9s		I	Amb	11 22 09.6
CPUP	comp=Z,53nm,19.0s		I	Amb	11 06 29.4 0.0
CPUP	Villa Florida	37.22 172	P	P	11 06 29.9 +0.5
CPUP	Villa Florida	37.22 172	eP	P	11 06 29.9 +0.5
W39A	Magazine	37.22 316	P	P	11 06 29.9 +0.5
W39A	comp=Z,124,SNR=20		I	Amb	11 06 30.8 +1.4
D58A	Chemin du LacG	37.22 349	P	P	11 06 30.4 +1.0
U40A	Yellville	37.25 318	P	P	11 06 29.8 +0.1
U40A	comp=Z,126,SNR=18		I	Amb	11 06 31.2 +0.7
CCM	Cathedral Cave	37.26 322	P	P	11 06 30.2 +0.5
CCM	comp=Z,21nm,0.9s		I	Amb	11 06 30.3 +0.5
CCM	Cathedral Cave	37.26 322	P	P	11 06 30.3 +0.5
CCM	comp=Z,21nm,0.9s		I	Amb	11 06 31.1
SPB	Sao Paulo	37.28 156	eP	P	11 06 32.3 +2.3
P43A	Skaggs, Pawnee	37.30 325	P	P	11 06 31.2 +1.2
MGMO	Mountain Grove	37.34 320	P	P	11 06 31.2 +0.7
MGMO	comp=Z,30nm,1.1s		I	Amb	11 06 32.0
ALGO	Algonquin Park	37.44 342	P	P	11 06 31.7 +0.6
LATQ	La Tuque	37.50 349	P	P	11 06 32.6 +1.0
LATQ	comp=Z,164,SNR=5.3		I	Amb	11 06 32.3 +0.8
D56A	ZEC Mazanza, M	37.59 347	P	P	11 06 33.2 +0.8
J47A	Summer	37.61 333	P	P	11 06 33.4 +0.7
M44A	Midewin, Midew	37.74 328	P	P	11 06 33.9 +0.2
HDIL	Hopedale	37.81 326	P	P	11 06 35.0 +0.7
HDIL	comp=Z,135,SNR=5.7		I	Amb	11 06 34.7 +0.4
HDIL	Hopedale	37.81 326	P	P	11 06 36.1
435B	Jarrell	37.90 307	P	P	11 06 35.7 +0.5
435B	comp=Z,114,SNR=9.2		I	Amb	11 06 36.2 +1.0
VAS01	Vassouras-RJ	37.91 150	eP	P	11 06 36.9 +1.6
HHAR	Hobbs	37.92 317	P	P	11 06 35.4 +0.1
HHAR	comp=Z,35nm,0.9s		I	Amb	11 06 36.5
X37A	Clayton	38.00 314	P	P	11 06 35.7 -0.3
R40A	Maddies Statio	38.04 321	P	P	11 06 35.6 -0.7
ESAR	Angra dos Reis	38.07 152	eP	P	11 06 39.3 +2.7
MAN01	Angra dos Reis	38.16 151	eP	P	11 06 39.4 +2.0
L44A	Lake County Fo	38.25 329	P	P	11 06 38.9 +0.9

L44A	Lake County Fo	38.25 329	P	P	11 06 38.6 +0.6
WHTX	Lake Whitney,	38.31 309	P	P	11 06 39.0 +0.4
WHTX	comp=Z,116,SNR=8.3		I	Amb	11 06 39.1 +0.4
WHTX	Lake Whitney,	38.31 309	P	P	11 06 38.4 +0.2
WHTX	comp=Z,116,SNR=8.3		I	Amb	11 06 39.0 +0.1
S38A	Soliver	38.34 320	P	P	11 06 40.2 +0.4
833A	Chaparral WMA,	38.44 302	P	P	11 06 42.1 +0.4
833A	comp=Z,110,SNR=9.8		I	Amb	11 06 42.8 +0.5
P40A	Paris	38.69 323	P	P	11 06 42.1 +0.4
Z35A	Perchaven, San	38.75 311	P	P	11 06 42.9 +0.3
N41A	Harden Midland	38.77 325	P	P	11 06 43.5
N41A	comp=Z,30nm,0.9s		I	Amb	11 06 43.8 +1.2
GLMI	Graying	38.80 335	P	P	11 06 44.0 +1.4
GLMI	comp=Z,119,SNR=11		I	Amb	11 06 43.2 +0.2
GLMI	Graying	38.85 330	P	P	11 06 44.8
K43A	Burlington	38.85 330	P	P	11 06 44.0 -0.2
K43A	comp=Z,42nm,0.9s		I	Amb	11 06 44.0 -0.2
TUL1	Leonard	38.98 315	P	P	11 06 44.0 -0.2
TUL1	comp=Z,122,SNR=22		I	Amb	11 06 44.5 0.0
TUL1	Leonard	38.98 315	P	P	11 06 44.5 0.0
L42A	Oliver, Polo	39.03 328	P	P	11 06 46.2
L42A	comp=Z,48nm,0.9s		I	Amb	11 06 47.7 +1.5
VLD0	Val d'Or	39.24 344	P	P	11 06 48.8
VLD0	comp=Z,22nm,0.9s		I	Amb	11 06 48.3 +0.6
G45A	Suttons Bay	39.41 334	P	P	11 06 49.3 +0.3
JCT	Junction City	39.54 305	P	P	11 06 49.3 +0.3
JCT	comp=Z,112,SNR=21		I	Amb	11 06 49.3 +0.3
JCT	Junction City	39.54 305	P	P	11 06 49.3 +0.3
JCT	comp=Z,67nm,1.4s		I	Amb	11 06 49.3 +0.3
JCT	Junction City	39.54 305	P	P	11 06 49.3 +0.3
JCT	comp=Z,67nm,1.4s		I	Amb	11 06 49.9 +0.3
P38A	Dawn	39.64 322	P	P	11 06 50.0
P38A	comp=Z,36nm,1.1s		I	Amb	11 06 50.0 0.0
OK03	Cody Creek RV	39.68 315	P	P	11 06 50.7
OK03	comp=Z,28nm,0.8s		I	Amb	11 06 51.1
OK031	S. Brethren Rd	39.73 315	P	P	11 06 51.1
OK031	comp=Z,37nm,0.7s		I	Amb	11 06 50.7 +0.1
QUOK	Quay	39.75 315	P	P	11 06 51.2
QUOK	comp=Z,34nm,0.9s		I	Amb	11 06 52.7 +1.5
ZAIG	Zacatecas	39.76 293	P	P	11 06 51.6 -0.2
ZAIG	comp=Z,26nm,1.0s		I	Amb	11 06 51.4 -0.4
OKCFA	Oklahoma City	39.89 314	P	P	11 06 52.4 +0.6
OKCFA	comp=Z,38nm,0.7s		I	Amb	11 06 52.9 +0.9
OK025	Westminster Rd	39.89 314	P	P	11 06 52.7 +0.4
H43A	Windswept, Lux	39.91 332	P	P	11 06 52.6 +0.2
E46A	Sault Ste Mari	39.95 337	P	P	11 06 52.6 +0.2
JFWS	Jewell Farm	39.98 328	P	P	11 06 52.6 +0.2
JFWS	comp=Z,135,SNR=7.2		I	Amb	11 06 52.6 +0.2
JFWS	Jewell Farm	39.98 328	P	P	11 06 52.6 +0.2
JFWS	comp=Z,44nm,1.1s		I	Amb	11 06 52.6 +0.2
JFWS	Jewell Farm	39.98 328	P	P	11 06 53.9
JFWS	comp=Z,44nm,1.1s		I	Amb	11 06 53.9 +1.0
LSQ0	Lebel-sur-Quev	40.00 346	P	P	11 06 53.3 -0.4
LSQ0	comp=Z,44nm,1.1s		I	Amb	11 06 53.2 +0.6
T35A	Sooner Cattle	40.00 316	P	P	11 06 54.4
H2A	Drager Farm,	40.01 330	P	P	11 06 52.9 -0.5
H2A	comp=Z,24nm,0.8s		I	Amb	11 06 54.1
OK029	Liberty Lake	40.08 314	P	P	11 06 53.3 -0.4
OK029	comp=Z,34nm,0.9s		I	Amb	11 06 55.0 +0.1
BCOK	Bluff Creek, N	40.12 314	P	P	11 06 54.6 -0.3
ABTX	Ablene, Hawle	40.25 309	P	P	11 06 56.8
ABTX	comp=Z,43nm,0.9s		I	Amb	11 06 56.1 -1.0
ABTX	Ablene, Hawle	40.25 309	P	P	11 06 56.8
ABTX	comp=Z,43nm,0.9s		I	Amb	

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KOLS, UZH, PMR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SORM, AKASG, TPGR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SANVU, RAO, HNR, etc.

IDC 04 11:01:00.7:450.0,57.54N:32.35E, h0km, Error ellipse: s-maj=142.3km s-min=72.2km az=112.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H43RU, I37NO, I31KZ.

IDC 04 11:46:44.7:2.1, 22.57S:173.04E, h0km, mb3.9/5, mb1.4/2.6, mb1mx3.8/34, mbmtpr3.9/6, ML3.8/1, MS3.6/6, Ms1.3/6.6, ms1mx3.4/27, Error ellipse: s-maj=99.3km s-min=27.4km az=157.0

NEIC 04 11:46:51.5:1.8, 22.75S:0.1:172.92E:0.05, h4.9km, 9km, mb4.5/15, Error ellipse: s-maj=17.1km s-min=4.7km az=165.0

ISC 04 11:46:51.7:0.6, 22.88S:0.09:172.88E:0.07, h4.9km, n39, a142/36, mb4.3/10, MS3.9/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PINNC, OUEUC, YATNC, etc.

ANF 04 11:50:52.8:0.6, 32.41N:115.24W, h24km, 3km, ML3.4/14, Error ellipse: s-maj=5.4km s-min=2.3km az=168.0

NEIC 04 11:50:52.4:1.6, 32.36N:0.03:115.25W:0.03, h17km, 5km, Error ellipse: s-maj=3.7km s-min=3.1km az=152.0

PAS 04 11:50:53.5:2.5, 32.40N:0.02:115.26W:0.02, h7km, 5km, Error ellipse: s-maj=2.5km s-min=1.9km az=184.0

SCEDC 04 11:50:53.5, 32.40N:115.26W, h7km, ECX 04 11:50:53.7:0.9, 32.37N:115.26W, h2km, 4km, MD3.4, ML3.6, Fault plane solution: NFP1:phi=44.000000, delta=77.000000, lambda=24.000000

ISC 04 11:50:51.8:0.8, 32.35N:0.02:115.27W:0.02, h15km, 5km, n90, a074/121, 6C-6D, California-Baja California border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, Mexicali, Saltillo, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like HATU Hatueruma jima, IRIF Iriomote-Funau, JKRS Kuro-shima, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like TRN Trinidad (W), TRN Trinidad (W), TRN Trinidad (W), etc.

IDC 04 12:18:09.5+1.5, 32.54N, 82.58E, h0km, mb3.4/7, mb1 3.6/9, mb1mx3.4/43, mbtmp3.4/9, ML2.9/2, MS3.6/2, Ms1 3.6/2, ms1mx2.7/42, Error ellipse: s-maj=50.9km s-min=20.8km az=64.0

ISC 04 12:18:14.8+1.5, 32.7N, 0.2+82.7E, 0.3, h35km, n11, f108.9, mb3.5/6, Xizang

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arr, CMAR Chiang Mai Arr, etc.

comp=Z, 3.9nm, 1.0s CO02 Combarbal 7.91 206 Pn Pn 12 22 15.2 -0.8 CPUP Villa Florida 8.98 106 Pn Pn 12 22 28.1 -1.7

comp=Z, 0.3nm, 0.3s, baz=293, slow=11, SNR=6.7 CUPU San Ignacio 9.79 35 Pn Pn 12 22 28.3 -1.4

comp=Z, 0.7nm, 0.3s, baz=226, slow=13, SNR=16 SIV SIV 12 24 16.0 -1.4

comp=Z, 0.2nm, 0.3s, baz=224, slow=19, SNR=1.1 MT02 AQDB 9.61 201 Pn Pn 12 22 40.5 -0.1

comp=Z, 0.5nm, 0.6s, baz=170, slow=8, SNR=2.0 ZALV Zalesovo Beam 21.34 3 P Pn 12 22 59.6 +1.0

comp=Z, 0.5nm, 0.6s, baz=224, slow=8, SNR=3.7 SONM Songoing Array 23.48 43 P Pn 12 23 22.8 +1.4

comp=Z, 0.5nm, 0.5s, baz=116, slow=6, SNR=2.0 AKTO Aktyubinsk 25.43 322 P Pn 12 23 39.7 +0.6

comp=Z, 0.42nm, 18.6s, baz=240, slow=36 GERES GERES Array B 52.91 309 LR LR 12 24 05.7

comp=Z, 0.6nm, 0.6s, baz=304, slow=5, SNR=4.3 WRA Warramunga Arr 71.93 129 P Pn 12 29 34.9 +0.1

comp=Z, 0.6nm, 0.6s, baz=304, slow=5, SNR=4.3 ASAR Alice Springs 74.34 132 P Pn 12 29 49.1 +0.2

comp=Z, 0.6nm, 0.6s, baz=345, slow=7, SNR=6.4 YKA Yellowknife Arr 84.16 8 P Pn 12 30 42.0 0.0

VAO 04 12:19:40.3+1.9, 23.72S, 70.03W, h10km, mb4.4 SJA 04 12:20:23.1+0.7, 24.08S, 66.90W, h207km, 4km, ML3.9, MW4.0

NEIC 04 12:20:23.5+2.5, 24.07S, 0.08+84W, 0.04, h191km, 9km, Error ellipse: s-maj=11.1km s-min=5.2km az=185.0

IDC 04 12:20:23.5+1.3, 24.04S, 66.75W, h186km, 9km, mb3.4/6, mb1 3.7/11, mb1mx3.6/27, mbtmp4.0/11, MS2.4/1, Ms1 2.4/1, ms1mx2.4/16, Error ellipse: s-maj=23.2km s-min=13.6km az=18.0

GUC 04 12:20:25.7+0.8, 24.05S, 67.08W, h219km, 12km, ML4.4 ISC 04 12:20:30.0+0.6, 24.13S, 0.04+66.94W, 0.04, h197km, 6km, n100, f128/128, mb3.8/7, 14C, Salta Province

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like SLA San Lorenzo, SLA Zapla, FSA Cafayete, etc.

comp=Z, 2.5nm, 1.4s TXAR Lajitas Array 63.81 324 P Pn 12 30 36.5 +1.2

comp=Z, 0.4nm, 0.7s, baz=152, slow=7.6, SNR=6.7 MNXY Comudas Mount 66.58 320 P Pn 12 30 54.0 +1.0

comp=Z, 1.0nm, 0.5s, baz=264, slow=5.5, SNR=8.1 TORD Torodi Arr. Bea 76.56 69 P Pn 12 31 52.1 -0.8

comp=Z, 0.3nm, 0.5s, baz=133, slow=5.1, SNR=6.0 PDAR Pinedale Array 77.28 329 P Pn 12 31 58.0 +1.3

comp=Z, 2.5nm, 0.6s, baz=150, slow=5.2, SNR=8.5 ULM Lac du Bonnet 78.37 342 P Pn 12 32 06.3 +0.4

comp=Z, 0.3nm, 0.7s, baz=149, slow=6.0, SNR=3.1 YKA Yellowknife Arr 94.26 340 P Pn 12 33 20.8 +0.7

comp=Z, 0.7nm, 0.5s, baz=130, slow=5.2, SNR=20 ASAR Alice Springs 128.26 205 PKP PKIKP 12 39 08.4 +0.1

comp=Z, 0.6nm, 0.6s, baz=296, slow=4.4, SNR=7.4 WRR Warramunga Arr 131.54 207 PKP PKIKP 12 39 14.9 +0.1

comp=Z, 0.1nm, 0.3s, baz=306, slow=2.6, SNR=4.7 KURBB Kurchatov Arra 142.45 36 PKP PKPdf 12 39 34.1 +1.3

comp=Z, 0.2nm, 0.6s, baz=323, slow=2.7, SNR=24 ZALV Zalesovo Beam 143.28 28 PKP PKPdf 12 39 33.3 -1.2

comp=Z, 0.2nm, 0.6s, baz=323, slow=2.7, SNR=24 MKAR Makanchi Array 146.59 40 PKPbc PKPbc 12 39 41.6 -0.5

comp=Z, 0.3nm, 0.5s, baz=358, slow=4.3, SNR=2.3 MKAR Makanchi Array 146.59 40 PKPbc PKPbc 12 39 41.9 -0.2

comp=Z, 0.3nm, 0.5s, baz=358, slow=4.3, SNR=2.3 SONM Songoing Array 155.75 11 PKPab PKPab 12 40 22.3 +0.7

IDC 04 12:21:19.6+2.6, 8.69S, 119.09E, h0km, mb3.3/4, mb1 3.6/5, mb1mx3.4/44, mbtmp3.5/5, ML3.9/1, Error ellipse: s-maj=180.5km s-min=26.0km az=53.0

DJA 04 12:21:38.1+1.0, 9.58S, 12.0E, h199km, 6km, M3.3/7, MLV3.3/7

ISC 04 12:21:36.2+1.0, 7.9S, 0.1+119.55E, 0.05, h100km, n10, f078/11, mb3.5/3, Flores Sea

Code Station Name Az El Phase ID Time Res ISC. Includes stations like PLAI Plampang, EDFI Ende, Flores, etc.

comp=Z, 0.5nm, 1.0s BASI Baing, Sumba 2.55 157 P S 12 22 13.3 +0.6

comp=Z, 0.2nm, 0.7s, baz=347, slow=2.7, SNR=5.5 CPUP Villa Florida 37.08 172 P Pn 13 00 17.1 +1.3

comp=Z, 2.6nm, 1.3s WHTX Lake Whitney, S39A Bolivar 38.31 309 P Pn 13 00 28.7 +2.5

comp=Z, 6.6nm, 0.6s P40A Paris 38.73 323 P Iamb Iamb 13 00 31.5 +1.9

comp=Z, 1.2nm, 1.4s TXAR Lajitas Array 42.29 302 P Pn 13 00 59.7 +0.3

comp=Z, 0.2nm, 0.7s, baz=116, slow=9.9, SNR=2.8 TDAR Torodi Arr. Bea 63.19 81 P Pn 13 03 32.9 -1.2

comp=Z, 1.4nm, 0.8s, baz=236, slow=6.5, SNR=6.1 TORD Torodi Arr. Bea 63.19 81 P Pn 13 03 33.7 -0.4

comp=Z, 0.2nm, 0.5s, baz=110, slow=8.1, SNR=8.8 INK Inuvik 73.09 339 P Pn 13 04 34.5 -0.8

comp=Z, 0.5nm, 0.5s, baz=282, slow=4.9, SNR=7.7 GERES GERES Array B 73.35 42 P Pn 13 04 35.5 -1.9

comp=Z, 5.5nm, 1.0s SVOC Richmond Hill, SVB Belmont 3.09 33 Pn Pn 12 53 55.4 +1.2

comp=Z, 0.2nm, 0.7s, baz=116, slow=9.2, SNR=6.1 PCRV Puerto La Cruz 1.69 257 Pn Pn 12 53 59.2 -1.0

comp=Z, 0.3s, baz=166, slow=9.2, SNR=6.1 PCRV Puerto La Cruz 1.69 257 Pn Pn 12 53 59.2 -1.0

comp=Z, 1.5nm, 1.0s TBH Brigand Hill, GRGR Grenville 1.87 92 Pn Pn 12 53 41.1 -0.6

comp=Z, 2.0nm, 0.5s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

comp=Z, 2.2nm, 0.3s, baz=202, slow=2.0, GRGR Grenville 2.02 40 Pn Pn 12 54 06.2 +1.6

4rd 12h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KURB Kurchatov Arra, ZALV Zalesovo Array, and many others.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PINE Pine Mountain, NEW Newport, and many others.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like J63A Stafford, W41B Gary Mavity, V, and many others.

Table with columns: JWT, Wachi, 0.66 300 P, Pn, 13 26 49.8 +0.1, etc.

UPP 04 13:29:43.3±0.1,59.52N×17.72E,h0km,ML1.9, Explosion,Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h m s, Time Res, etc.

DNK 04 13:30:14.9±6.3,56.33N×15.76E,h15km,558km,ML1.6, Explosion,Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h m s, Time Res, etc.

VAO 04 13:37:49.2±1.1,20.97S:69.51W,h10km,mb4.2

NEIC 04 13:37:54.2±0.2,21.20S:0.04:69.45W,0.08,h79km,5km

GUC 04 13:37:55.6±0.6,21.21S:69.40W,h75km,2km,ML4.2

Main table for the left column containing station data for various stations like IPOC Station P, BORNHOLM SKOV, etc.

Main table for the middle column containing station data for various stations like PISAGUA, MINME, etc.

ISU 04 13:39:11,40.50N:73.40E,h5km, Hypocentre not reviewed by the ISC

KRNET 04 13:39:11.6±0.1,40.146N:73.44E,h19km,mb3.6

SOME 04 13:39:12.6±0.1,40.53N:73.52E,h15km

NNC 04 13:39:13.7±0.9,40.60N:73.53E,h0km,mb4.2,mpv3.9

ISC 04 13:39:12.7±0.9,40.48N:0.04:73.27E,0.03,h10km,n80

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h m s, Time Res, etc.

Main table for the right column containing station data for various stations like SHAK, SHAKHIMARDAN, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like PPLA, SUA, SKLM, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like I07A, WDC, MOD, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like KKN, PKI, PKIN, etc.

ANF 04 15:20:54.9-0.6, 36.31N-98.16W, h5km, ML3.7/8, Error ellipse: s-maj=7.8km s-min=7.3km az=72.0

NEIC 04 15:20:55.4-1.6, 36.31N-0.01-98.14W, 0.02, h10km, 2km, Error ellipse: s-maj=3.1km s-min=1.8km az=64.0

TUL 04 15:20:55.1-1.2, 36.31N-0.01-98.16W, 0.01, h7km, 7km, ML3.1, mb_Lg3.1/41(NEIC), Error ellipse: s-maj=2.0km s-min=1.4km az=145.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CROK, GCO2, etc.

4d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like U40A, KSC0, X40A, etc.

MAN 04 15:26:16.3, 9.94N; 124.19E, h6km, mb4.8, ML3.8, MS3.7

MAN INTENSITY II - TAGBILARAN CITY; INTENSITY I - CEBU CITY

ICD 04 15:26:25.9, 3.6, 8.95N; 124.38E, h94km, 36km, mb3.2/9, mb1.3/3.0, mb1mx3.2/5.1, mbtmp3.6/10, MS2.7/1, Ms1.2/7.1, ms1mx2.3/2.9, Error ellipse: s-maj=48.5km s-min=17.7km az=62.0

ISC 04 15:26:16.1, 1.1, 9.84N; 0.003, 124.22E; 0.03, h10km, g8km, n26, e191/38, mb3.6/3, 3C-10, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details like LLP, LLL, MSLP, etc.

ICD 04 15:28:49.9, 12.0, 36.28N; 171.50E, h158km, 76km, mb3.0/1, mb1.2/9.5, mb1mx2.6/5.8, mbtmp3.5/5, MS3.1/1, Ms1.3/3.1, ms1mx2.5/2.8, Error ellipse: s-maj=229.3km s-min=46.4km az=142.0

NNC 04 15:28:59.0, 6.3, 37.13N; 171.60E, h210km, 85km, mb2.5, mpv3.6, Error ellipse: s-maj=63.5km s-min=36.8km az=0.0

ISC 04 15:28:52.0, 1.9, 36.7N; 0.1, 171.3E; 0.1, h150km, n11, e1569/14, 2C-6D, Afghanistan-Tajikistan border region

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

ICD 04 15:35:14.7, 15.0, 20.61N; 143.57E, h0km, mb3.3/3, mb1.3/5.3, mb1mx3.1/7.2, mbtmp3.3/3, Error ellipse: s-maj=631.3km s-min=33.0km az=77.0, Mariana Islands

2015 FEB

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details like SOMN, WRA, ASAR, etc.

DJA 04 16:14:08.2, 0.5, 6.22S; 147.7E, h48km, 7km, MA, 8/14, mb5.4/3, mb4.6/14, MLV4.9/2, Mv(mb)4.8/3

NEIC 04 16:14:10.1, 1.9, 6.30S; 0.08, 146.79E; 0.08, h70km, 6km, mb4.5/37, Error ellipse: s-maj=12.2km s-min=11.2km az=77.0

ISC 04 16:14:08.6, 0.5, 6.22S; 0.06, 146.79E; 0.07, h50km, n91, e15167/9, mb4.5/31, MS3.6/8, Eastern New Guinea region

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

NOU 04 16:15:41.8, 23.59S; 179.45W, h549km, mb4.5, South of Fiji Islands

NEIC 04 16:15:41.1, 2.4, 23.7S; 0.1, 179.7W; 0.1, h50km, 3km, mb4.6/50, Error ellipse: s-maj=17.4km s-min=14.9km az=117.0

ICD 04 16:15:42.8, 1.4, 23.60S; 179.93W, h512km, 13km, mb3.9/15, mb1.4/0.16, mb1mx3.7/37, mbtmp4.7/16, Error ellipse: s-maj=16.6km s-min=12.7km az=4.0

ISC 04 16:15:41.1, 0.4, 23.75S; 0.06, 179.73W; 0.07, h500km, n139, e175/162, mb4.6/36, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details like GLKZ, MSVF, MARNC, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details like KULM, USA0B, USA0B, etc.

NOU 04 16:15:41.8, 23.59S; 179.45W, h549km, mb4.5, South of Fiji Islands

NEIC 04 16:15:41.1, 2.4, 23.7S; 0.1, 179.7W; 0.1, h50km, 3km, mb4.6/50, Error ellipse: s-maj=17.4km s-min=14.9km az=117.0

ICD 04 16:15:42.8, 1.4, 23.60S; 179.93W, h512km, 13km, mb3.9/15, mb1.4/0.16, mb1mx3.7/37, mbtmp4.7/16, Error ellipse: s-maj=16.6km s-min=12.7km az=4.0

ISC 04 16:15:41.1, 0.4, 23.75S; 0.06, 179.73W; 0.07, h500km, n139, e175/162, mb4.6/36, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details like GLKZ, MSVF, MARNC, etc.

4d 17h

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like HAKT, AGRB, MASBURUN-IGDIR, etc.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like OJC, OJCOW, OKC, Ostrava-Krasne, etc.

JMA 04 17:27:14.0, 39.06N, 140.86E, h7km, 1km, M3.3
JMA Felt 1 J1.
IDD 04 17:27:19.0, 2.1, 39.05N, 140.71E, h45km, 20km, mb3.3/9, mb1.3/5.12, mb1mx3.3/4.5, mbtmp3.5/12, ML0.3/3, Error ellipse: s-maj=25.6km s-min=13.8km az=112.0

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like JMK, Ichinoseki, JRG, Rokugo, etc.

IDD 04 17:31:43.0, 2.2, 4.87S, 154.46E, h489km, 27km, mb2.9/8, mb1.3/1.9, mb1mx3.0/32, mbtmp3.8/9, Error ellipse: s-maj=20.0km s-min=14.7km az=120.0

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like PMG, Port Moresby, DZM, Mont Dzumac, etc.

2015 FEB

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like ASAR, Alice Springs, ASAR, 0.2nm, 0.3s, baz=54, etc.

IDD 04 17:41:37.6, 0.4, 0.16S, 124.83E, h0km, mb5.0/38, mb1.5/0.40, mb1mx5.0/45, mbtmp5.0/40, ML4.5/2, MS4.3/24, Ms1.4/3.24, ms1mx4.1/42, Error ellipse: s-maj=14.7km s-min=9.9km az=80.0

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, MNI, Manado, etc.

IDD 04 17:41:44.5, 0.4, 0.16S, 124.97E, 0.04, h51km, 3km, h51km, pp-P, 685, e19417001, mb5.2/211, MS4.4/42, 36C-29D, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, MNI, Manado, etc.

IDD 04 17:41:44.5, 0.4, 0.16S, 124.97E, 0.04, h51km, 3km, h51km, pp-P, 685, e19417001, mb5.2/211, MS4.4/42, 36C-29D, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, MNI, Manado, etc.

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Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like SMRI, Semarang, UGM, Wanagama, etc.

IDD 04 17:41:44.5, 0.4, 0.16S, 124.97E, 0.04, h51km, 3km, h51km, pp-P, 685, e19417001, mb5.2/211, MS4.4/42, 36C-29D, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like SMRI, Semarang, UGM, Wanagama, etc.

IDD 04 17:41:44.5, 0.4, 0.16S, 124.97E, 0.04, h51km, 3km, h51km, pp-P, 685, e19417001, mb5.2/211, MS4.4/42, 36C-29D, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like SMRI, Semarang, UGM, Wanagama, etc.

IDD 04 17:41:44.5, 0.4, 0.16S, 124.97E, 0.04, h51km, 3km, h51km, pp-P, 685, e19417001, mb5.2/211, MS4.4/42, 36C-29D, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes stations like SMRI, Semarang, UGM, Wanagama, etc.

comp=Z,437nm,comp=Z,48nm,0.8s					
NONG Nongkai	28.08 31	P	P	17 47 33.6	+2.0
comp=Z,9um,comp=Z,31nm,0.8s					
PHET Kaeng Krachan	28.28 298	P	P	17 47 35.4	+2.0
UTHA Uthaitani	29.65 303	P	P	17 47 46.3	+0.7
comp=Z,333nm,comp=Z,35nm,0.7s					
SLVN Son La	29.65 317	P	P	17 47 45.5	-0.1
PHIT Phitsanulok	29.69 307	P	P	17 47 48.1	+2.2
comp=Z,624nm,comp=Z,62nm,0.8s					
MORW Morawa	29.99 196	P	P	17 47 48.2	-0.2
baz=30,SNR=5.4					
MORW Morawa	29.99 196	P	P	17 47 47.8	-0.6
NANT Nan	30.38 310	P	P	17 47 54.0	+2.1
comp=Z,19um,comp=Z,250nm,0.7s					
SUKH Sukhothai	30.48 306	P	P	17 47 54.2	+1.3
comp=Z,34nm,0.8s					
FORT Forrest	30.60 175	P	P	17 47 53.5	-0.2
baz=31,SNR=18					
FORT Forrest	30.60 175	P	P	17 47 53.0	-0.8
comp=Z,41nm,0.6s					
LAMP Lampang	31.05 308	P	P	17 47 59.8	+1.9
comp=Z,25nm,0.7s					
SSE Sheshan	31.29 354	P	S	17 48 00.6	+0.8
SSE		S	S	17 53 07.2	+4.1
SSE		S	S		
comp=Z,7.0nm,0.8s					
SSE					
comp=Z,68nm,3.6s					
SSE					
comp=Z,300nm,22.6s					
SSE					
comp=Z,140nm,24.8s					
BLDU Ballidu	31.29 194	P	P	17 47 59.3	-0.6
baz=31,SNR=30					
PAYA Payao	31.34 310	P	P	17 48 01.4	+1.0
comp=Z,2um,comp=Z,151nm,0.8s					
CM36 Chiang Mai Arr	31.47 307	P	P	17 48 02.0	+0.4
CM04 Chiang Mai Arr	31.50 308	P	P	17 48 03.0	+1.1
comp=Z,107nm,comp=Z,14nm,1.1s					
CM35 Chiang Mai Arr	31.51 308	P	P	17 48 02.0	0.0
CM09 Chiang Mai Arr	31.51 307	P	P	17 48 03.4	+1.4
comp=Z,109nm,comp=Z,7.7nm,1.1s					
CM01 Chiang Mai Arr	31.53 307	P	P	17 48 03.2	+1.1
comp=Z,124nm,comp=Z,12nm,1.5s					
CM05 Chiang Mai Arr	31.53 307	P	P	17 48 03.0	+0.9
comp=Z,99nm,comp=Z,9.1nm,1.0s					
CM02 Chiang Mai Arr	31.54 307	P	P	17 48 03.4	+1.1
comp=Z,106nm,comp=Z,10nm,1.6s					
CM31 Chiang Mai Arr	31.56 307	P	P	17 48 03.9	+1.5
comp=Z,3um,comp=Z,260nm,1.3s					
CM31 Chiang Mai Arr	31.56 307	P	P	17 48 03.1	+0.7
comp=Z,45nm,1.4s					
CMAR Chiang Mai Arr	31.56 307	P	P	17 48 02.8	+0.4
comp=Z,3.0nm,0.7s, baz=132,slow=6.9,SNR=42					
CMAR Chiang Mai Arr	31.56 307	P	P	17 50 56.2	+2.0
comp=Z,5.7nm,0.8s, baz=174,slow=1.7,SNR=13					
CMAR Chiang Mai Arr	31.56 307	P	P	17 48 03.2	+0.8
comp=Z,398nm,21.4s, baz=186,slow=38					
CMAR Chiang Mai Arr	31.56 307	P	P	17 48 02.6	+0.2
comp=Z,4.0nm,0.7s					
CM13 Chiang Mai Arr	31.57 307	P	P	17 48 03.0	+0.5
comp=Z,89nm,comp=Z,11nm,1.0s					
CM15 Chiang Mai Arr	31.57 307	P	P	17 48 03.6	+1.1
comp=Z,112nm,comp=Z,10nm,1.1s					
CM34 Chiang Mai Arr	31.61 308	P	P	17 48 03.0	+0.1
CM32 Chiang Mai Arr	31.74 307	P	P	17 48 05.0	+1.0
CHTO Chiang Mai	31.75 308	P	P	17 48 03.8	-0.3
comp=Z,30nm,1.1s					
CHTO Chiang Mai	31.75 308	P	P	17 48 03.8	-0.3
comp=Z,30nm,1.1s					
CM33 Chiang Mai Arr	31.75 308	P	P	17 48 04.0	-0.1
JCJ Chichijima	31.76 30	P	P	17 48 03.3	-0.7
comp=Z,41nm,0.4s, baz=209,slow=10,SNR=2.8					
GYA Guiyang	31.80 328	P	P	17 48 05.5	+0.9
comp=Z,132nm,18.2s, baz=248,slow=37					
GYA Guiyang	31.80 328	P	P	17 48 22.8	+0.9
comp=Z,16nm,1.0s					
GYA Guiyang	31.80 328	P	P	17 50 56.1	+1.2
comp=Z,16nm,1.0s					
GYA Guiyang	31.80 328	P	P	17 53 17.1	+5.5
comp=Z,220nm,4.2s					
GYA Guiyang	31.80 328	P	P	17 48 08.1	-0.1
comp=Z,330nm,20.7s					
GYA Guiyang	31.80 328	P	P	17 48 13.0	+2.1
comp=Z,320nm,20.8s					
GYA Guiyang	31.80 328	P	P	17 48 12.0	-0.3
comp=Z,400nm,16.1s					
KLBR Kellerberrin	32.00 192	P	P	17 48 05.7	-0.4
baz=32,SNR=8.5					
WHN Wuhan	32.16 343	P	P	17 48 09.5	+2.0
comp=Z,50nm,0.8s					
WHN Wuhan	32.16 343	P	P	17 48 09.5	+2.0
comp=Z,2um,20.4s					
WHN Wuhan	32.16 343	P	P	17 48 09.5	+2.0
comp=Z,540nm,10.6s					
WHN Wuhan	32.16 343	P	P	17 48 09.5	+2.0
comp=Z,2um,29.2s					
MHMT Maesarieng	32.22 306	P	P	17 48 08.1	-0.1
NJ2 Nanjing	32.55 350	P	P	17 48 13.0	+2.1
comp=Z,12nm,0.5s					
MUN Mandaring	32.72 194	P	P	17 48 12.0	-0.3
baz=33,SNR=12					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 56.8	+4.7
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 16.9	+1.1
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 27.0	-0.8
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 48 31.2	-1.6
comp=Z,19nm,1.9s					
KMI Kunming	33.07 321	P	P	17 53 33.7	+2.

4d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GEVA, KMBO, ILAR, BRTR, BCAR, etc.

IDC 04 17:51:24.2:14.0, 7.71S:128.54E, h152km, 156km, mb2.9/1, mb1 3.2/4, mb1mx2.8/43, mbmt3.6/4, ML3.5/3, Error ellipse: s-maj=101.7km s-min=57.6km az=24.0, Banda Sea

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

SKHL 04 17:52:25.7:0.3, 46.50N:146.50E, h350km, 4km, mb4.5/15, msh4.9/5

IDC 04 17:52:28.1:1.5, 46.69N:146.17E, h336km, 17km, mb2.9/10, mb1 3.1/14, mb1mx2.9/5.1, mbmt3.6/14, Error ellipse: s-maj=19.8km s-min=12.8km az=138.0

JMA 04 17:52:28.5:0.5, 46.16N:146.35E, h359km, M3.3

ISC 04 17:52:27.5:0.6, 46.45N:0.07:146.39E:0.07, h337km, 7km, n43, c1949/49, mb3.0/11, Northwest of Kuril Islands

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR, YUK, GRPR, YSS, JRA, GLVR, JTKR, etc.

2015 FEB

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

IDC 04 18:01:17.9:63.0, 21.13S:178.21W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/44, mbmt3.9/3, Error ellipse: s-maj=1156.0km s-min=171.6km az=84.0, Fiji Islands region

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

IDC 04 18:04:05.4:1.9, 9.14S:129.06E, h0km, mb3.1/1, mb1 3.7/3, mb1mx3.3/33, mbmt3.2/4, ML3.0/3, Error ellipse: s-maj=61.9km s-min=23.7km az=77.0, Timor Sea

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

IDC 04 18:20:44.2:0.4, 6.63S:129.17E, h0km, mb3.3/1, mb1 3.7/3, mb1mx3.3/29, mbmt3.5/3, ML3.7/2, Error ellipse: s-maj=199.3km s-min=30.9km az=68.0, Banda Sea

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

IDC 04 18:28:19.2:1.2, 1.29N:99.71E, h208km, 6km, mb3.4/9, mb1 3.5/9, mb1mx3.2/42, mbmt3.9/9, Error ellipse: s-maj=50.2km s-min=12.7km az=51.0, DJA 04 18:28:20.4:0.5, 1.1N:3.10E, h189km, 4km, M3.4/12, MLV3.6/12

ISC 04 18:28:19.1:0.7, 1.38N:0.07:99.87E:0.09, h206km, 6km, n17, c0594/25, mb3.6/9, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNSI, BANGKINANG, PSI, GSI, PANGANG, TUNTUNGAN, SANGAI DAERAH, WRA, ASAR, SONM, MKAR, ZALV, BRTR, FINES, ARCES, GERES.

IDC 04 18:37:26.5:2.2, 12.42S:167.06E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/23, mbmt3.7/4, ML4.2/1, Error ellipse: s-maj=70.7km s-min=32.1km az=144.0, Santa Cruz Islands

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

IDC 04 19:02:28.7:1.9, 0.52N:126.34E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/35, mbmt3.3/3, Error ellipse: s-maj=177.7km s-min=24.6km az=65.0, DJA 04 19:02:35.7:0.3, 0.53S:12.5E, h10km, M3.7/12, mb3.9/2, MLV3.6/12

ISC 04 19:02:36.2:1.3, 0.05S:101.125E:0.10, h49km, n13, c1949/12, mb3.2/3, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMSI, SANI, TINTI, GTOI, LUWI, MRSI, NLAJ, APSI, BNSI, SPSI, WRA, ASAR, MKAR.

IDC 04 19:06:50.2:2.8, 43.28N:105.19W, h0km, mb2.5/1,

206

mb1 3.4/3, mb1mx3.2/43, mbmt3.2/3, ML3.3/2, Error ellipse: s-maj=53.4km s-min=8.4km az=153.0, NEIC 04 19:06:51.6:1.5, 43.65N:105.26W:0.05, h0km, 2km, ML3.0/48, Error ellipse: s-maj=10.9km s-min=4.9km az=157.0, ISC 04 19:06:52.2:0.9, 43.66N:105.24W:0.06, h0km, n45, c1946/46, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD, K22A, PHWY, RWY, RLMT, PDAR, YNE, YNE, YNE, YMP, GCMT, ISCO, LOHW, H17A, FLYW, MOOW, YPP, REDW, O20A, YHA, AHID, YHB, YHL, YHL, RDMU, RDMU, ECR, SMCO, BOZ, BOZ, TCUT, EGMT, PV07, PV23, PV24, PV20, PV11, PV16, SRU, PV03, PV02, TMUT, Q16A, ULM, ULM, YKA.

JMA 04 19:07:11.2:0.2, 43.28N:146.78E, h64km, 2km, M3.8, SKHL 04 19:07:11.6:2.4, 43.30N:146.90E, h42km, mb4.5/3, ISC 04 19:07:10.2:2.7, 43.29N:108.146:50E:0.08, h32km, 17km, n17, c0566/32, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2, NEM2, NMR, YUK, YUK, GRPR, GRPR, GRPR, JKHN, JKHN, JRA, JNSB, JNSB, JNSB, JAK, JAK, KUR, KUR, KUR, JTKR, JTKR, JOB, JOB, JAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PB14 IPOC Station P, PB05 IPOC Station P, PB05 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MRHZ Matea Rd, MRHZ Murupara, MRHZ Murupara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAR Rarotonga, RAR Rarotonga, etc.

NOU 04 20:32:56.9, 38°30'S; 175°92'E, h199km, MLV3.7, North Island, New Zealand
WEL 04 20:30:01.7, 38°S; 176°16'E, h158km, 3km, M2.7/3,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAKZ Makanchi, MK31 Makanchi Array, MKAR Makanchi Array, etc.

TAP 05:00:52:48.1, 24.93N, 122.29E, h143km, 1km, ML2.9, D
JMA 05:00:52:48.3, 0.2, 24.85N, 122.27E, h141km, 2km, M2.4
ISC 05:00:52:48.1-2.3, 24.87N, 122.28E, 0.04, h144km, 1.4km, n42, c056473, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TWC1 Santiao Chiao, TWP1 Toucheng, TIPB Shuangxi, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TDCB baz=236, CHGB Renai, CHGB baz=229, WHP Taichung City, etc.

PRE 05:00:56:21.2, 0.8, 27.05S, 26.87E, h2km, ML2.8
BUL 05:00:56:25.3, 0.5, 24.92S, 23.11E, h2km, 8km, MD4.2
EAF 05:00:56:25.3, 0.5, 24.92S, 23.11E, h2km, 8km, MD3.9
ISC 05:00:56:21.8-1.2, 27.04S, 26.86E, 0.04, h16km, 9km, n22, c197842, South Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PRYS Parys, WDLM Western Deep L, KLOF Kloof, KSR Koster, etc.

IDC 05:01:03:46.5, 2.0, 33.25S, 178.30W, h0km, mb4.1/2, mb1.4/3, mb1mx3.9/24, mbtmp4.1/3, ML3.8/1, Error ellipse: s-maj=59.1km s-min=32.8km az=131.0
ISC 05:01:03:51.7-2.1, 33.33S, 0.2, 178.30W, 0.4, h35km, n6, c051917, South of Kermadec Islands

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUA Laukkululupa, RATU Laukkululupa, KOUV Salmi, etc.

UPP 05:01:06:12.3, 0.4, 67.81N, 20.22E, h0km, 2km, ML2.3, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUA Kurraavaara, RATU Laukkululupa, KOUV Salmi, etc.

IDC 05:01:16:57.5, 3.0, 57.92S, 25.33W, h30km, 20km, mb4.2/10, mb1.4/3, mb1mx4.2/21, mbtmp4.4/12, ML4.2/2, MS3.8/12, M3.1.3/7/12, ms1mx3.6/21, Error ellipse: s-maj=21.4km s-min=17.4km az=24.0
NEIC 05:01:17:00.1, 1.3, 58.0S, 0.1, 25.33W, 0.2, h54km, 6km, mb4.5/32, Error ellipse: s-maj=16.9km s-min=11.5km az=211.0
ISC 05:01:16:58.4, 0.4, 58.13S, 0.07, 25.21W, 0.08, h40km, n113, c1927105, mb4.4/17, MS3.9/10, South Sandwich Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FVM, 435B, SDCO, SLM, JCT, N41A, ISCO, 143A, ECSD, S44A, SIUC, SIUC, OXF, OXF, Q44A, PHWY, SUSD, HDIL, LEMN, I37A, O44A, MNTX, WWT, L42A, PLAL, USIN, JFWS, T47A, K22A, 40A, TX31, F33A, X48A, SPMM, BLO, 142, E28A.

IDC 05:01:48:59.9:0.8, 38.43N:106.41E, h0km, mb3.7/10, Mb1 3.8/12, mb1mx3.6/50, mbtmp3.7/12, ML3.3/2, MS3.2/6, Ms1 3.2/6, ms1mx2.8/42, Error ellipse: s-maj=26.4km s-min=15.2km az=68.0

BUI 05:01:49:02.0:0.0, 38.36N:106.27E, h6km, mb4.5/2, mb3.8/4, ML4.1/21, Ms3.6/9, Mst 3.3/4

ISC 05:01:49:01.9:0.5, 38.42N:106.43E:0.05, h10km, n30, s=1569/34, mb3.8/10, MS3.0/5, Western Net Mongol

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LZH, BTO, XAN, BJI, TIA, SONM, TLY, WMQ, MKAR, GUN, PKI, PKIN, CMAR, GKN, DANN, ZALV, ZALV, JOW, KOLN, KURBS, AAK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK, BHJ, JVA, JBR, FINES, NOA, ILAR, WRA, ASAR, YKA.

IDC 05:03:10:47.1:1.9, 9.81S:161.46E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.6/48, mbtmp3.7/5, ML3.4/1, Error ellipse: s-maj=37.0km s-min=29.0km az=37.0

ISC 05:03:10:52.1:1.4, 9.95S:161.4E:0.2, h35km, n6, c0841/7, mb3.5/4, Bougainville-Solomon Islands region

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

IDC 05:03:13:12.3:0.8, 64.50N:17.72W, h0km, mb3.5/9, mb1 3.8/5, mb1mx3.5/58, mbtmp3.5/10, ML3.9/1, Error ellipse: s-maj=28.9km s-min=11.4km az=15.0

REY 05:03:13:12.3:0.8, 64.67N:17.47W, h8km, NEIC 05:03:13:13.5:1.3, 64.54N:18.08W:0.1, h8km, 4km, mb4.6/15, Error ellipse: s-maj=12.3km s-min=8.6km az=184.0

ISC 05:03:13:13.3:0.5, 64.68N:17.49W:0.03, h10km, n78, s=184/86, mb3.8/15, Iceland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IVON, IDYN, IDUR, IDJK, IGRF, IHUS, IHUS, IKR, ISKR, IVOT, THOR, IJOK, IKRE, IKRE, IASK, IASK, IMKO, IIE, ISVA, ISVA, IKSK, IKAL, IKAL, IVSH, IVSH, IFAG, IADA, IHVE, IMEL, IREN, ISNB, IKVO, IGRS, IFED, IRJU, ISKI, IGHA, IGRA, IGVG, IHAV, IHAV, IDIM, IHLA, IHLA, IALF, IHED, BORG, BORG, SCO, SCO, EKB9, EKA, CLL, KHC, DPC, GERES, GERES, KRLC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TREC, SALO, BRTR, BRTR, YKA, YKA, TOLK, TOLK, ILAR, WWT, WWT, MKAR, MKAR, MKAR, KAN'S, TORO, TORO, TORO, PDAR, PDAR, PDAR, RDMU, TCUT, PV23, PV23, PV14, PV20, PV20, PV19, PV19, SONM, TXAR, TXAR.

SNET 05:03:21:52.9:1.2, 13.21N:89.91W, h15km, 13km, ML2.8, GCG 05:03:21:53.8:0.6, 14.11N:89.38W, h45km, 61km, MD3.6

ISC 05:03:21:51.2:2.4, 13.2N:0.1:1.89.95W:0.06, h15km, 13km, n15, c0862/4, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAYA, JAYA, CEVE, CEVE, SBLS, RTR, RTR, PMON, LFRS, LFRS, TACO, LBRS, IKG, IKG, PAVA, PAVA, MTO3, MTO3, MTO3, FUG, FUG, PACA, PACA.

WEL 05:03:35:32.9, 43°S:1°17'E:1E, h5km, 1km, M2.9/14, n85.0/1, ML2.9/13, MLv2.9/14, Mw(MB)4.4/1, Error ellipse: s-maj=0.0km s-min=0.0km az=145.3, South Island

IDC 05:03:36:03.9:1.1, 40.63N:51.72E, h0km, mb3.8/12, mb1 4.0/23, mb1mx3.8/55, mbtmp4.0/23, ML3.7/8, MS3.0/5, Ms1 3.0/5, ms1mx2.5/66, Error ellipse: s-maj=20.7km s-min=8.8km az=170.0

AZER 05:03:36:03.0:1.1, 40.42N:51.84E, h52km, 10km, m3.9/33, Error ellipse: s-maj=2.9km s-min=1.8km az=235.0

MOS 05:03:36:08.6:1.1, 40.93N:51.70E, h41km, mb4.7/47, Error ellipse: s-maj=7.4km s-min=6.1km az=110.2

NNC 05:03:36:17.2:4.6, 41.09N:52.80E, h36km, 37km, mb3.7, Error ellipse: s-maj=37.2km s-min=14.0km az=72.0

ISC 05:03:36:14.0:7.7, 40.60N:51.89E:0.04, h5km, 7km, n114, c2837/163, mb3.9/21, 19C-15D, Caspian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like INZ, WVC, OXZ, RPZ, GCSZ, LTZ, ARZC, RACZ, WACZ, FOZ, MOZ, GVZ, DSZ, OKCZ, LBZ, THZ, KHZ, ODZ, JCZ, QRZ, WKZ, EAZ, KRZV, GALA, GALA, NDR, GOBA, GOBA, ATGJ, ALIB, ALIB, SIZA, SIZA, PQL, PQL, NDR.

IDC 05:03:36:17.2:4.6, 41.09N:52.80E, h36km, 37km, mb3.7, Error ellipse: s-maj=37.2km s-min=14.0km az=72.0

ISC 05:03:36:14.0:7.7, 40.60N:51.89E:0.04, h5km, 7km, n114, c2837/163, mb3.9/21, 19C-15D, Caspian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GALA, GALA, NDR, GOBA, GOBA, ATGJ, ALIB, ALIB, SIZA, SIZA, PQL, PQL, NDR.

Table with columns: QUBA, Quba, Azerbaij, SNR=5.5, 2.75 287, Pn, Pn, 03 36 51.4+2.5, etc.

Table with columns: ARU, Arti, 16.41 13, P, Pn, 03 39 53.5 -1.0, etc.

Table with columns: JHU, 9.4nm, 0.3s, baz=72, slow=21, SNR=1.3, S, S, 03 43 53.9+1.4, etc.

NEIC 05 03:41:11.9, 0.8, 27.9N:0.1, 139.5E:0.1, h505km, 6km, mb4, I/20, Error ellipse: s-maj=18.9km s-min=17.7km az=98.0

IDC 05 03:41:11.2, 0.6, 27.88N:139.56E, h499km, 6km, mb3.4/28, mb1 3.5/34, mb1mx3.4/59, mbtmp4.3/34, Error ellipse: s-maj=11.8km s-min=9.2km az=63.0

JMA 05 03:41:13.2, 0.2, 28.21N:140.26E, h515km, M3.8

ISC 05 03:41:12.0, 0.6, 27.96N:0.07, 139.62E:0.08, h503km, 6km, n91, i129/109, mb3.9/42, 1D, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CBUJ, Chichi jima, 2.43 110, Op, P, 03 42 20.1 +0.5, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for H7A, BRTR, and TXAR.

ISN 05 04:00:44.4, 1.2, 32.77N, 47.56E, h15km, 6km, ML3.0
TEH 05 04:00:44.1, 32.78N, 47.53E, h8km, ML3.3
THR 05 04:00:45.2, 0.5, 32.84N, 47.48E, h14km, 6km, ML3.2
ISC 05 04:00:44.8, 1.2, 32.79N, 0.03, 47.47E, h7km, 11km, n35, 40S/90/41, Iran-Iraq border region

Main table of station data for the first section, including stations like DHLI, IKFM, IKMIR, IKMR, SHGR, etc.

ISC 05 04:02:27.8, 0.8, 7.16N, 126.33E, h0km, mb3.9/8, mb1.4/0.8, mb1mx3.8/44, mbtrmp3.8/8, MS3.5/3, Ms1.3/6.3, ms1mx2.9/52, Error ellipse: s-maj=18.2km s-min=10.1km az=17.0

NEIC 05 04:02:31.3, 1.4, 7.09N, 0.08, 126.12E, 0.08, h23km, 5km, mb4.2/13, Error ellipse: s-maj=11.9km s-min=11.1km az=22.0

MAN 05 04:02:34.4, 7.17N, 125.93E, h25km, mb4.4, ML3.2, MS3.0
ISC 05 04:02:32.6, 1.7, 7.15N, 0.05, 126.04E, 0.06, h31km, 12km, n34, 41S/39/44, MS3.0/3, 2C, Mindanao

Main table of station data for the second section, including stations like DAV, DAV, KCP, DMMP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for MK31, MKAR, SEY, FINES, YKA.

BUI 05 04:21:47.0, 0.0, 8.27N, 72.64W, h10km, mb5.5/18, Ms5.2/5, Ms7.5/27
MOS 05 04:21:48.4, 1.0, 8.32N, 72.08W, h15km, mb5.9/3, Ms4.8/13, Error ellipse: s-maj=6.2km s-min=4.1km az=65.2

VAO 05 04:21:49.5, 0.2, 8.23N, 72.18W, h10km, mb5.4, NEIC 05 04:21:49.6, 1.7, 8.22N, 0.06, 72.05W, 0.05, h13km, 2km, Error ellipse: s-maj=8.8km s-min=6.3km az=148.0

IDC 05 04:21:49.4, 0.5, 8.23N, 72.09W, h15km, 3km, mb5.2/30, mb1.5/3.5, mb1mx3.2/41, mbtrmp3.3/35, ML4.9/4, MS4.6/15, Ms1.4/6.15, ms1mx4.4/40, Error ellipse: s-maj=10.4km s-min=9.3km az=27.0

NEIC 05 04:21:49.8, 2.7, 0.6W, h5km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr:1.3; Mw:0.04; Ms:0.18; Mv:0.22; Mz:0.19; Fault plane solution: Ms:8.22000e+10, NP1:0.5, 22000, 0.45, 58000, 0.87, 58000, NP2:0.188, 67000, 0.44, 48000, 1.92, 46000. Principal axes: T 8.1433, Plg88.0000, Azm205.0000; N 0.1575, Plg2.0000, Azm7.0000; P -8.3008, Plg1.0000, Azm97.0000;

CAR 05 04:21:50.9, 2.2, 8.24N, 0.06, 72.14W, 0.05, h5km, 3km, Mw:5.2, mb5.5, 659/NEIC, 20.4, 9.156/NEIC, Mw:5.3/3/NEIC, Mw:5.3/GMT, Mw:5.4/RMIN, Mw:5.3/NEIC, Error ellipse: s-maj=8.4km s-min=6.1km az=148.0

GCMT 05 04:21:51.9, 0.1, 8.28N, 0.01, 72.13W, 0.01, h15km, MW5.3/116, Moment Tensor Solution. s86, c126; s116, c197; Duration: 1s1 Moment tensor: Scale 10^17 Nm; Mr:0.68; Mw:0.26; Ms:0.94; Mz:0.2; Mv:0.28; Mz:0.2; Mw:0.56; Mz:0.2; Mw:0.18; 0.3; Best double couple: Mr:1.04300e+10, NP1:0.5, 53.0000, 0.83, 0000, 1.138, 0000, NP2:0.171, 0000, 0.87, 0000, 1.45, 0000, 0. Principal axes: T 0.9220, Plg53.0000, Azm24.0000; N 0.2420, Plg37.0000, Azm193.0000; P -1.1640, Plg2.0000, Azm291.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

RSNC 05 04:21:51.6, 1.4, 8.36N, 72.13W, h4km, 7km, ML5.1, Mw5.4, Fault plane solution: NP1:0.0, 0000, 0.41, 0000, 0.38, 0000.

FUNV 05 04:21:51.2, 8.30N, 72.11W, h5km, MW5.2, BGR 05 04:21:53.1, 0.0, 8.27N, 71.27W, h17km, mb5.6, Ms5.1, NEIC 05 04:21:53.8, 3.6km, 72.13W, h14km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:0.68; Mw:0.29; Ms:0.97; Mz:0.31; Mv:0.37; Mw:0.22; Fault plane solution: Ms:1.0000e+10, NP1:0.5, 53.0000, 0.83, 0000, 1.140, 0000, NP2:0.170, 0000, 0.859, 0000, 1.44, 0000, 0. Principal axes: T 0.9751, Plg52.0000, Azm24.0000; N 0.2168, Plg38.0000, Azm198.0000; P -1.1919, Plg3.0000, Azm290.0000;

NEIC 05 04:21:56.8, 4.1N, 71.84W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:1.03; Mw:0.13; Ms:0.90; Mz:0.12; Mv:0.44; Mw:0.32; Fault plane solution: Ms:1.12000e+10, NP1:0.3, 37.0000, 0.40, 0000, NP2:0.191, 0000, 0.853, 0000, 1.74, 0000, 0. Principal axes: T 1.1127, Plg75.0000, Azm50.0000; N 0.0097, Plg13.0000, Azm201.0000; P -1.1224, Plg7.0000, Azm293.0000;

ISC 05 04:21:50.4, 0.3, 8.32N, 0.02, 72.07W, 0.02, h22km, 2km, h22km, p-P, 1.653, 1.541/1499, mb5.6/494, MS4.8/99, 210C-242D, Fault plane solution: NP1:0.168, 81514, 0.77, 18208, 0.15, 69690, NP2:0.75, 24752, 0.74, 70396, 1.166, 70287, 0. Principal axes: T Plg20.0850, Azm32.3616; N Plg69.8370, Azm207.1039; P Plg1.69999, Azm301.7398; Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for PAMC, SOCV, Ocana, OCAC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for SOCV, Ocana, OCAC, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for SOCV, Ocana, OCAC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for CHIC, HELC, HEC, BAUV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for ROSC, EL ROSAL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for ROSC, EL ROSAL, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for ROSC, EL ROSAL, etc.

5d 4h

2015 FEB

Table with columns: MVL, Millersville, 31.78 354, P, Iamb, 04 28 15.3 +2.2, 04 28 20.9, etc.

Table with columns: ACSSO, Alum Creek Sta, 33.24 345, P, P, 04 28 27.2 +1.2, 04 28 28.0 +2.0, etc.

Table with columns: FFD, Franklin Falls, 35.02 1, Iamb, Iamb, 04 28 44.4, 04 28 44.0, etc.

LCO	Las Campanas	37.13 178	IAMS_20	IAMS_20	04 44 21.9
U32A	Winter Ranch	37.17 323	IAMB	IAMB	04 29 01.3
BB19B	Sebec	37.25 142	eP	P	04 29 01.7 +0.8
CPUP	Villa Florida	37.30 158	P	P	04 28 59.1 -2.0
CPUP	comp-Z,1um,18.4s,baz=338,slow=35	LR	LR		04 43 41.2
CPUP	Villa Florida	37.30 158	P	P	04 28 59.1 -2.0
CPUP	comp-Z,12m,0.9s	LR	LR		04 29 01.8 +0.8
G54A	Lake Saint Pet	37.31 353	P	P	04 29 01.8 +0.8
F63A	Nahmakanta, Br	37.34 3	P	P	04 29 02.0 +0.8
F59A	Saint Guillaume	37.40 359	P	P	04 29 02.9 +1.2
N38A	Joess South For	37.42 333	IAMB	IAMB	04 29 03.5
F57A	Harrington	37.42 357	P	P	04 29 02.8 +0.9
F60A	Warwick	37.51 0	P	P	04 29 03.5 +0.8
F61A	St Evariste	37.53 1	P	P	04 29 04.1 +1.2
F64A	Shenmer	37.55 4	P	P	04 29 04.0 +1.1
NBPA	Parau_RN	37.56 111	eP	P	04 29 05.3 +1.8
KSU1	Kansas State U	37.74 328	IAMB	IAMB	04 29 04.0 -0.8
KSU1	Kansas State U	37.74 328	IAMB	IAMB	04 29 10.4
ALCL	CERRO LA CRUZ	37.85 173	eP	P	04 29 03.4 -2.5
ALGO	Algoquin Park	37.85 353	P	P	04 29 06.3 +0.7
AMTX	Amarillo	37.89 319	P	P	04 29 06.2 -0.1
AMTX	Amarillo	37.89 319	IAMB	IAMB	04 29 08.9
LMN	Caledonia Mount	37.92 8	IAMB	IAMB	04 29 08.7
E58A	La Victoria	37.93 359	P	P	04 29 07.3 +1.1
GLMI	Graying	37.96 345	P	P	04 29 07.3 +0.7
GLMI	Graying	37.96 345	IAMB	IAMB	04 29 16.4
JFWS	Jewell Farm	37.98 338	P	P	04 29 06.9 +0.2
JFWS	Jewell Farm	37.98 338	IAMS_20	IAMS_20	04 46 39.0
E57A	Chemin Saint, 8.0s	38.00 358	P	P	04 29 08.0 +1.1
E61A	Lac Etchemin	38.00 2	P	P	04 29 07.9 +1.1
E59A	St. Maurice	38.03 360	P	P	04 29 08.0 +1.0
MSTX	Muleshoe	38.09 317	P	P	04 29 07.7 -0.2
MSTX	Muleshoe	38.09 317	IAMB	IAMB	04 29 14.2
E63A	Oxbow	38.10 4	P	P	04 29 09.1 +1.4
E64A	Bridgewater	38.14 5	P	P	04 29 09.1 +1.1
E55A	Montcer-Lytto	38.15 356	P	P	04 29 09.0 +0.9
E56A	St. Veronique	38.17 357	P	P	04 29 09.2 +1.0
PTGB	Pitanga	38.19 150	eP	P	04 29 09.0 +0.2
SCIA	State Center	38.31 334	P	P	04 29 09.6 0.0
SCIA	State Center	38.31 334	IAMS_20	IAMS_20	04 45 57.8
AROD	Rodeo	38.34 176	eP	P	04 29 07.8 -2.5
PQI	Presque Isle	38.37 4	IAMS_20	IAMS_20	04 46 45.4
R32A	Long Quarter,	38.40 325	IAMB	IAMB	04 29 11.6
FRTB	Fartura	38.40 146	eP	P	04 29 11.6 +1.1
G45A	Sutton Bay	38.43 344	IAMB	IAMB	04 29 17.6
D60A	Saint Jean D'O	38.47 1	P	P	04 29 11.9 +1.2
H43A	Windswept, Lux	38.52 342	IAMB	IAMB	04 29 17.9
D59A	Saint-Raymond	38.55 0	P	P	04 29 12.5 +1.0
D58A	Chemin du LacG	38.65 359	P	P	04 29 13.3 +1.0
D56A	ZEC Mazanza, N	38.66 357	P	P	04 29 13.3 +0.9
D55A	Sainte-Anne-du	38.67 356	P	P	04 29 13.5 +1.0
RCBR	Riachuelo	38.71 110	P	P	04 29 15.2 +1.9
RCBR	comp-Z,57nm,0.9s	MLR	MLR		
RCBR	Riachuelo	38.71 110	P	P	04 29 15.2 +1.9
RCBR	Riachuelo	38.71 110	IAMS_20	IAMS_20	04 45 31.9
RCBR	Riachuelo	38.71 110	eP	P	04 29 15.4 +2.1
D62A	Allapoint, All	38.71 3	P	P	04 29 14.0 +1.2
D63A	Stockholm	38.73 4	P	P	04 29 14.2 +1.3
MNTX	Cornudas Mount	38.73 312	P	P	04 29 13.6 +0.3
MNTX	Cornudas Mount	38.73 312	IAMB	IAMB	04 29 16.0
K38A	Parkersburg	38.74 335	IAMB	IAMB	04 29 14.4
D61A	St Aubert, Con	38.78 2	P	P	04 29 15.0 +1.6
ACCO	Cerro Coronel	38.79 176	iP	P	04 29 12.7 -1.3
APLL	PUNTA DE LOS L	38.86 172	eP	P	04 29 11.8 -2.5
LATO	La Tuca	38.93 359	P	P	04 29 15.6 +0.9
GDU01	Guandu, BA	38.99 124	eP	P	04 29 16.3 +0.8
CBKS	Cedar Bluff	39.24 325	P	P	04 29 16.9 -0.5
CBKS	Cedar Bluff	39.24 325	IAMB	IAMB	04 29 18.8
SLBS	Sierra La Laguna	39.33 297	P	P	04 29 20.3 +1.9
SLBS	comp-Z,107nm,1.1s	IAMB	IAMB		04 29 26.4
N33A	J Bar K, Exete	39.39 329	IAMB	IAMB	04 29 24.3
ACBE	Chepes	39.59 173	eP	P	04 29 17.9 -2.7
BSCB	Bom Sucesso	39.60 138	eP	P	04 29 21.7 +1.1
VAO	Valinhos	39.66 142	eP	P	04 29 22.3 +1.2
LPIG	La Paz	39.76 298	LR	LR	04 49 35.8
SPB	Sao Paulo	39.82 143	P	P	04 29 21.5 -0.9
SPB	Sao Paulo	39.82 143	eP	P	04 29 23.4 +1.0
VLDQ	Val d'Or	39.92 354	IAMB	IAMB	04 29 26.6
G40A	Rib Lake	40.01 340	IAMB	IAMB	04 29 25.9
E43A	Lone Tree Farm	40.03 344	P	P	04 29 24.2 +0.4
E43A	comp-Z,67nm,0.7s	IAMB	IAMB		04 29 30.3
TCA	Tanti	40.07 170	eP	P	04 29 22.1 -2.4
BGNE	Belgrade	40.24 329	P	P	04 29 25.1 -0.7
BGNE	Belgrade	40.24 329	P	P	04 29 25.2 -0.6
BGNE	comp-Z,187nm,1.1s	IAMB	IAMB		04 29 27.2
ITAB	Concordia	40.28 152	eP	P	04 29 26.5 +0.4
AUSP	Uspallata	40.40 176	eP	P	04 29 25.2 -2.2
COWI	Conover	40.40 342	P	P	04 29 27.4 +0.5
COWI	comp-Z,97nm,0.9s	IAMB	IAMB		04 29 29.1
COWI	comp-Z,1um,19.0s	IAMS_20	IAMS_20		04 48 23.4
PET01	Hantheim-SP	40.45 144	eP	P	04 29 28.6 +1.1
NBRF	Rio Formoso -	40.50 114	eP	P	04 29 29.3 +1.2
ITQB	Itaqui	40.59 159	eP	P	04 29 27.5 -1.1
SJMB	Sao Joao De Ma	40.61 132	eP	P	04 29 30.1 +1.1
PARB	Parabuna	40.73 141	eP	P	04 29 31.1 +1.1
LSQJ	Lebel-sur-Quev	40.81 355	P	P	04 29 30.9 +0.7
NAN01	Guarapari, ES	40.89 330	eP	P	04 29 32.3 +1.1
SPMN	Marine on Ste.	40.91 338	P	P	04 29 30.5 -0.6

121A	baz=148,SNR=18	40.92 311	P	P	04 29 33.0 +1.3
121A	Cookes Peak, D	40.92 311	IAMB	IAMB	04 29 34.8
BSFB	Cookes Peak, D	40.92 311	eP	P	04 29 32.5 +0.8
MRA	San Martin	40.96 172	eP	P	04 29 29.7 -2.1
T25A	Trinidad	41.01 319	P	P	04 29 33.9 +1.5
Y22D	baz=126,SNR=52	41.04 314	P	P	04 29 33.2 +0.6
Y22D	IRIS PASSCAL I	41.04 314	IAMB	IAMB	04 29 41.0
KSCO	Key Shedlock	41.06 323	P	P	04 29 32.5 -0.1
D41A	Chassel	41.09 343	IAMB	IAMB	04 29 34.7
ANMO	Albuquerque	41.16 315	P	P	04 29 33.8 +0.2
ANMO	Albuquerque	41.16 315	iP	P	04 29 34.0 +0.4
ANMO	comp-Z,45nm,1.7s	41.16 315	P	P	04 29 34.1 +0.4
ANMO	peldehue	41.28 378	IAMS_20	IAMS_20	04 46 55.0
ECSD	EROS Data Cent	41.28 333	P	P	04 29 33.1 -1.1
VAS01	Vasouras-RJ	41.38 138	eP	P	04 29 36.3 +1.0
MT05	Renca	41.50 178	P	P	04 29 35.6 -0.6
319A	Douglas	41.53 309	IAMB	IAMB	04 29 55.5
MATO	Matagami	41.57 355	P	P	04 29 37.1 +0.7
RIB01	Linhares ES	41.57 132	eP	P	04 29 37.2 +0.3
E38A	The Farm, Brul	41.64 340	IAMB	IAMB	04 29 44.3
DUB01	Friburgo-RJ	41.96 137	eP	P	04 29 41.0 +1.0
SDDC	Grand Sand Dun	42.07 319	P	P	04 29 42.3 +1.1
ALF01	Guarapari-ES	42.15 133	eP	P	04 29 42.8 +1.3
SRIG	Santa Rosalia	42.40 302	IAMB	IAMB	04 29 51.0
Q24A	Divide	42.57 321	P	P	04 29 45.6 +0.4
DRLN	Deer Lake	42.60 14	P	P	04 29 44.3 -0.6
EYMN	Ely	42.79 341	P	P	04 29 46.4 -0.1
EYMN	Ely	42.79 341	IAMS_20	IAMS_20	04 48 47.5
BO02	Sierra Bellavi	42.89 178	P	P	04 29 46.7 -0.8
BO02	comp-Z,62nm,0.8s	42.89 178	IAMB	IAMB	04 29 53.5
SUSD	Miller	42.90 332	P	P	04 29 47.0 -0.5
S22A	4UR Ranch, Cre	42.94 318	P	P	04 29 49.3 +1.1
TUC	Tucson	43.09 309	P	P	04 29 49.8 +0.5
TUC	Tucson	43.09 309	P	P	04 29 49.3 +0.1
TUC	comp-Z,52nm,1.2s	43.09 309	P	P	04 29 49.3 +0.1
ISCO	Idaho Springs	43.36 322	P	P	04 29 52.6 +1.0
X18A	Snowflake	43.45 313	IAMB	IAMB	04 30 00.2
W18A	Petrified Fore	43.57 313	P	P	04 29 54.2 +1.0
W18A	Petrified Fore	43.57 313	IAMB	IAMB	04 29 56.8
PLTB	Pedras Altas	43.59 157	eP	P	04 29 51.8 -1.4
MVCO	Mesa Verde	43.76 317	P	P	04 29 55.5 +0.7
MVCO	Mesa Verde	43.76 317	P	P	04 29 56.3 +1.5
MVCO	comp-Z,1um,19.0s	43.76 317	IAMS_20	IAMS_20	04 50 18.3
SMCO	Snowmass	43.84 320	IAMS_20	IAMS_20	04 48 49.6
B35A	Bob, Littlefor	43.90 339	IAMB	IAMB	04 30 01.6
D32A	Dogwood Acres	44.14 336	IAMB	IAMB	04 30 03.4
N23A	Red Feather La	44.23 323	P	P	04 29 59.2 +0.7
PV01	Paradox Valley	44.30 318	IAMB	IAMB	04 30 02.3
PV02	Paradox Valley	44.45 318	IAMB	IAMB	04 30 03.3
PV13	Paradox Valley	44.48 318	IAMB	IAMB	04 30 03.4
PV13	Paradox Valley	44.48 318	IAMB	IAMB	04 30 03.4
PV07	Paradox Valley	44.51 318	IAMB	IAMB	04 30 03.7
214A	Organ Pipe Nat	44.52 308	IAMB	IAMB	04 30 03.1
PV03	Paradox Valley	44.55 318	IAMB	IAMB	04 30 08.1
PV12	Saucer Basin,	44.55 318	IAMB	IAMB	04 30 04.8
PV18	Skein Mesa, Pa	44.58 318	IAMB	IAMB	04 30 04.0
PV11	Davis Mesa, Pa	44.59 318	IAMB	IAMB	04 30 08.4
PV05	Paradox Valley	44.62 317	P	P	04 30 01.7 0.0
PV05	comp-Z,70nm,0.8s	44.62 317	IAMB	IAMB	04 30 03.8
AGMN	Nyswonger Mesa	44.62 318	IAMB	IAMB	04 30 13.3
AGMN	Agassiz Nation	44.63 337	IAMS_20	IAMS_20	04 49 40.0
PV22	Glue Mesa, Par	44.66 318	IAMB	IAMB	04 30 09.3
PV10	Paradox Valley	44.74 318	IAMB	IAMB	04 30 17.7
PV23	Carner Ridg	44.76 318	IAMB	IAMB	04 30 10.0
WU4Z	Wupatki	44.94 313	P	P	04 30 05.3 +1.2
WU4Z	Wupatki	44.94 313	IAMB	IAMB	04 30 07.5
O20A	White River Ci	45.19 320	P	P	04 30 07.1 +1.0
RSSD	Black Hills	45.22 328	P	P	04 30 06.5 +0.1
RSSD	Black Hills	45.22 328	P	P	04 30 06.3 0.0
RSSD	comp-Z,38nm,0.9s	45.22 328	P	P	04 30 06.3 0.0
RSSD	Black Hills	45.46 323	IAMB	IAMB	04 30 10.1
K22A	Casper	45.65 324	P	P	04 30 09.9 +0.2
K22A	Casper	45.65 324	IAMB	IAMB	04 30 11.8
MDND	Maddock	45.79 334	P	P	04 30 10.5 0.0
U15A	North Rim	46.02 314	IAMB	IAMB	04 30 20.6
ULM	Lac du Bonnet	46.25 339	P	P	04 30 13.7 -0.4
ULM	Lac du Bonnet	46.25 339	iP	P	04 30 13.8 -0.3
PDMC	Parker Dam,Lak	46.47 310	P	P	04 30 16.4 +0.4
GLA	Glamis	46.51 308	P	P	04 30 16.9 +0.4
GLA	Glamis	46.51 308	IAMB	IAMB	04 30 23.5
W13A	Hualapail Mount	46.60 311	IAMB	IAMB	04 30 24.9
CPBX	Cerro Prieto	46.65 307	IAMB	IAMB	04 30 36.8
KNB	Kanab	46.67 314	P	P	04 30 18.9 +1.1
KNB	comp-Z,81nm,0.9s	46.67 314	P	P	04 30 18.9 +1.1
LC01	Cunco	46.97 180	IAMB	IAMB	04 30 36.8
ESJ3	Sierra Juarez	47.01 306	IAMB	IAMB	04 30 27.8
IRM	Iron Mountain	47.17 309	P	P	04 30 22.2 +0.6
BC3	Big Chuckawall	47.22 309	P	P	04 30 22.5 +0.4
SWSC	San W. Stewart	47.23 308	P	P	04 30 22.5 +0.5
RMX	La Rumorosa	47.32 307	IAMB	IAMB	04 30 29.5

IKP	comp-Z,31nm,1.0s	47.37 307	P	P	04 30 23.8 +0.6
BW06	In-Ko-Pah, Jac	47.51 323	P	P	04 30 24.5 +0.2
BW06	Boulder Array	47.51 323	IAMB	IAMB	04 30 26.4
PD31	Pinedale Array				

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMOL Smolenice, JAVC Velka Javorina, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NACGM Naroch, BURAR Bucovina Array, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIXI Tiksi, BELG Belogomorye, and many others.

5d 4h

DBBC	Dabeiba	6.58	74	eP	Pn	04 42 31.8 +1.6
CCUFU	Curfo, Nario	6.59	127	eP	Pn	04 42 32.2 +1.6
GCUF	Volcan Galeras	6.59	127	eP	Pn	04 42 31.6 +1.0
CPAS1	Pasto	6.63	127	eP	Pn	04 42 33.1 +2.0
CPAS2	Cruz	6.67	127	eP	Pn	04 42 33.8 +2.2
CPAS3	Cruz	6.72	127	eP	Pn	04 42 32.0 +0.6
SOTA	Rioblanco	6.72	117	eP	Pn	04 42 34.8 +2.3
PCN	Cinco Dias	6.83	115	eP	Pn	04 42 36.0 +2.0
MARP	Paez Belalcaza	7.04	110	eP	Pn	04 42 38.8 +2.1
HEL3	Santa Helena	7.09	82	eP	Pn	04 42 39.5 +2.1
HEL2	Santa Helena	7.09	82	eP	Pn	04 42 40.2 +2.8
ESPN	Las Esperanzas	7.11	346	eP	Pn	04 45.1 +2.1
ESPN				Sn	Sn	04 43 58.5 +0.4
ACON	Acoyapa	7.15	339	eP	Pn	04 42 36.0 -1.8
GUYZC	Guyana, Caldas	7.20	90	eP	Pn	04 42 40.3 +1.3
ANIL	Santa Ana	7.20	96	eP	Pn	04 42 40.2 +1.3
RREF	El Recreo	7.22	92	eP	Pn	04 42 41.7 +2.2
TOLC	Tollima	7.28	95	eP	Pn	04 42 42.0 +1.6
CIBAI	Ibague, SGC	7.37	96	eP	Pn	04 42 43.8 +2.7
UREA	San Jos de Ur	7.44	70	eP	Pn	04 42 44.5 +2.6
ORTC	Ortega, Tolima	7.44	100	eP	Pn	04 42 43.5 +1.6
BETC	Betania	7.55	109	eP	Pn	04 42 45.9 +2.1
NORC	Norcasia	7.70	377	eP	Pn	04 42 48.9 +3.4
GARC	Garzon, Huila	7.71	113	eP	Pn	04 42 47.0 +1.2
MOTC	Monteria, Cord	7.72	63	eP	Pn	04 42 48.1 +2.4
FLOC	Florencia	7.83	117	eP	Pn	04 42 47.6 +0.4
PTBC	PUERTO BERRIO,	7.89	81	eP	Pn	04 42 56.4 +4.1
ROSC	El Rosal	8.25	92	eP	Pn	04 42 56.7 +3.3
ROSC				Sn	Sn	04 44 29.8 +2.8
ROSC				LR	LR	04 44 57.9
ROSC				LR	LR	04 44 52.5 -0.8
ROSC				Pn	Pn	04 44 25.7
ROSC				Sn	Sn	04 42 52.5 -0.8
ROSC				Sn	Sn	04 42 25.7 -1.2
FASC	El Rosal	8.25	92	eP	Pn	04 42 56.7 +3.3
SPBC	San Pablo de B	8.49	87	eP	Pn	04 42 59.8 +3.4
CRIN	San Cristobal	8.61	330	eP	Pn	04 42 57.5 -0.5
CHIC	Chingaza	8.85	94	eP	Pn	04 43 04.7 +3.1
BRRC	Barranca, Sant	9.02	78	eP	Pn	04 43 07.6 +4.0
MACC	Macarena, Meta	9.25	109	eP	Pn	04 43 07.8 +1.0
PTLC	Puerto Leguiza	9.42	125	eP	Pn	04 43 12.5 +4.4
ARGC	Arguani, Magd	9.46	61	eP	Pn	04 43 10.3 +3.4
RUSC	La Rusia	9.49	86	eP	Pn	04 43 16.1 +5.7
CNCH	Conchagua	9.51	327	eP	Pn	04 43 11.5 +1.2
CNCH	Conchagua	9.51	327	eP	Pn	04 43 11.5 +1.2
LNCD	La Caada	9.56	327	eS	Sn	04 43 11.9 +0.5
LNCD				Sn	Sn	04 43 53.2 -5.4
LNCD	La Caada	9.56	327	eS	Sn	04 43 11.9 +0.5
LNCD				Sn	Sn	04 44 53.2 -5.4
PAYG	Puerto Ayora	9.68	233	iP	Pn	04 43 15.0 +2.3
PAYG	Puerto Ayora	9.68	233	iP	Pn	04 43 12.2 -0.4
LCY	Lacayo	9.89	326	eP	Pn	04 43 17.8 +2.4
LCY	Lacayo	9.89	326	eP	Pn	04 43 17.8 +2.4
TGUH	Teguicigalpa,Un	9.89	333	Ph	Pn	04 43 14.8 -0.8
PACA	Pacayal	9.93	326	eP	Pn	04 43 18.6 +2.5
PACA	Pacayal	9.93	326	eP	Pn	04 43 18.6 +2.5
FAGC	Alcalda de S	10.00	327	eP	Pn	04 43 18.6 +1.6
FAGC	Alcalda de S	10.00	327	eP	Pn	04 43 18.6 +1.6
TECA	Teccapa	10.05	325	eP	Pn	04 43 19.8 +1.8
TECA	Teccapa	10.05	325	eP	Pn	04 43 19.8 +1.8
COEB	Comit de Eme	10.07	325	eP	Pn	04 43 20.1 +1.9
COEB	Comit de Eme	10.07	325	eP	Pn	04 43 20.1 +1.9
SMRC	Santa Marta, M	10.15	54	eP	Pn	04 43 19.4 +0.3
POSS	Pres 15 de Se	10.19	325	eP	Pn	04 43 19.1 +1.3
POSS				Sn	Sn	04 45 08.9 -5.1
GUVG	San Jose del G	10.30	105	eP	Pn	04 43 22.3 +1.2
PAVA	Las Pavas	10.48	324	eP	Sn	04 43 22.6 +2.5
PAVA				Sn	Sn	04 45 17.0 -4.4
PAVA	Las Pavas	10.48	324	eP	Sn	04 43 22.6 +2.5
PAVA				Sn	Sn	04 45 17.0 -4.4
LFRS	El Faro	10.48	323	eP	Pn	04 43 25.5 +1.7
LFRS	El Faro	10.48	323	eP	Pn	04 43 25.5 +1.7
LBR5	Las Brisas	10.56	323	eP	Pn	04 43 27.6 +2.8
LBR5	Las Brisas	10.56	323	eP	Pn	04 43 27.6 +2.8
OPAM	Oficina de Pla	10.63	323	eP	Pn	04 43 28.7 +2.7
OPAM	Oficina de Pla	10.63	323	eP	Pn	04 43 28.7 +2.7
SNET	Serv Nac Est T	10.64	322	eP	Pn	04 43 25.2 -0.6
UEES	Universidad Ev	10.66	323	eP	Pn	04 43 29.0 +2.8
UEES	Universidad Ev	10.66	323	eP	Pn	04 43 29.0 +2.8
FAGC	Piamonte	11.01	322	eP	Pn	04 43 29.4 +2.8
FAGC	Piamonte	11.01	322	eP	Pn	04 43 29.4 +2.8
FMON	Piamonte	11.07	324	eP	Pn	04 43 29.2 +2.6
JAYA	Jayaque - finc	10.74	321	eP	Sn	04 43 29.7 +2.4
JAYA				Sn	Sn	04 45 22.4 -5.5
JAYA	Jayaque - finc	10.74	321	eP	Sn	04 43 29.7 +2.4
JAYA				Sn	Sn	04 45 22.4 -5.5
CEDA	San Andres	10.82	322	eP	Pn	04 43 30.1 +1.8
CEDA	San Andres	10.82	322	eP	Pn	04 43 30.1 +1.8
TACO	Tacachico	10.93	323	eP	Pn	04 43 31.6 +1.8
TACO	Tacachico	10.93	323	eP	Pn	04 43 31.6 +1.8
CEVE	Cerro Verde	10.98	321	eP	Sn	04 43 31.6 +1.8
CEVE				Sn	Sn	04 45 29.9 -4.0
CEVE	Cerro Verde	10.98	321	eP	Sn	04 43 31.6 +1.8
CEVE				Sn	Sn	04 45 29.9 -4.0
SBL5	San Blas	10.99	321	eP	Pn	04 43 34.0 +3.1
SBL5	San Blas	10.99	321	eP	Pn	04 43 34.0 +3.1
RTR	El Retiro	11.05	322	eP	Pn	04 43 34.8 +3.2
RTR	El Retiro	11.05	322	eP	Pn	04 43 34.8 +3.2
MTOS	Montecristo	11.27	324	eP	Pn	04 43 36.3 +1.6
MTOS	Montecristo	11.27	324	eP	Pn	04 43 36.3 +1.6
MTOS	Montecristo	11.27	324	eP	Pn	04 43 33.9 -0.8
IXG	Ixcapoc	11.76	319	eP	Pn	04 43 45.3 +4.3
MRL	Marmol	12.00	325	eP	Pn	04 43 48.8 +4.1
NBG	Las Nubes	12.41	323	eP	Pn	04 43 52.4 +4.0
FUG	Fuego 3	12.23	319	eP	Pn	04 43 52.0 +4.3
SDV	Santo Domingo	12.40	72	Ph	Pn	04 43 52.5 +2.4
SDV				LR	LR	04 48 26.1
SDV				LR	LR	04 48 30.2
SDV				LR	LR	04 43 49.5 -0.7
SDV				Pn	Pn	04 43 52.3 +2.2
ATAH	Atahualpa	13.00	161	Ph	Pn	04 44 00.8 +2.4
ATAH				LR	LR	04 48 26.1
HUEH	Huehuetenango	13.30	319	eP	Pn	04 44 01.5 -0.8
HUEH	Huehuetenango	13.30	319	eP	Pn	04 44 01.5 -0.8
PTFF	Flores	14.01	329	eP	Pn	04 44 05.7 -0.7
FSKY	Frank Sound, G	14.05	5	Ph	Pn	04 44 10.7 -1.6
CCIG	Cornillon	14.42	324	eP	Pn	04 44 32.4 -1.8
LCCY	Blossom Villag	14.54	9	Ph	Pn	04 44 18.1 -1.0
BCBV	The Bluff, Cay	14.66	11	Ph	Pn	04 44 19.2 -1.6
TEIG	Tepeich	15.88	340	Ph	Pn	04 44 38.1 +1.2
TEIG				LR	LR	04 50 23.9
JAKH	Jacmel	16.23	36	eP	Pn	04 44 39.6 -1.8
JAKH				Iamb	Iamb	04 44 52.4
CZSB	Cruzeiro do Su	16.23	143	eP	Pn	04 44 40.8 -0.8
GTBY	Guantanamo Bay	16.30	26	Ph	Iamb	04 44 55.4
GTBY				Iamb	Iamb	04 44 55.4
LGNH	Logne	16.39	36	Ph	Pn	04 44 42.6 -0.9
CMIG	Matias Romero	16.84	315	Ph	Pn	04 44 48.8 -0.5
CMIG				LR	LR	04 50 08.7
SDDR	Pres de Saban	17.55	38	Ph	Pn	04 44 57.0 -1.1
SDDR				Iamb	Iamb	04 45 12.3
SDD	Santo Domingo	18.04	42	Ph	Pn	04 45 02.4 -1.7
SDD				Iamb	Iamb	04 45 22.3
NNA	Nana	18.05	162	Ph	P	04 45 05.2 +0.4
NNA				LR	LR	04 51 28.7
NNA				LR	LR	04 45 03.6 -0.8
NNA				Iamb	Iamb	04 45 07.9
SC01	Santiago de lo	18.23	38	Ph	Pn	04 45 05.6 -0.8
PCRV	Puerto La Cruz	18.45	74	Ph	Pn	04 45 09.7 +0.4
PCRV				LR	LR	04 53 52.1
GRTK	Grand Turk	19.61	33	Ph	P	04 45 21.0 -0.9
GRTK				Iamb	Iamb	04 45 25.1
MLPR	Mayaguez Islan	19.77	49	Ph	P	04 45 22.8 -0.8
MPR	Mayaguez	19.85	48	Ph	P	04 45 23.7 -0.7

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IMPR		Iamb	Iamb	04 45 37.5		
TLIG	Tiapa	19.85	309	P	P	04 45 23.6 -1.0
AGPR	Aguaquilla, PR	20.03	48	P	P	04 45 25.7 -0.7
ICBP	Isla Caja de M	20.11	50	P	P	04 45 26.8 -0.7
OBIP	Obispo Ponce	20.14	50	P	P	04 45 26.8 -0.8
AOPR	Arecibo Observ	20.22	49	P	P	04 45 26.8 -1.7
EMPR	Esperanza - Ma	20.46	49	P	P	04 45 30.3 -0.9
SJG	San Juan	20.53	50	P	Pn	04 45 33.0 -1.1
SJG	San Juan	20.53	50	P	P	04 45 31.4 -0.5
SJG				pmax	pmax	
SJG				MLR	MLR	
SJG				MLR	MLR	
SJG				P	P	04 45 31.4 -0.5
061Z	Choppo	20.56	4	P	P	04 45 31.6 -0.6
PDPR	Patillas Dam,	20.57	51	P	P	04 45 31.8 -0.6
PDPR				Iamb	Iamb	04 45 38.2
GPCR	Guaynabo City	20.70	50	P	P	04 45 34.4 +0.7
HUMP	Col San Antoni	20.78	51	P	P	04 45 35.1 +0.6
CBYP	Canovanos	20.85	50	P	P	04 45 36.0 +0.6
MTP	Monte Pirata	20.98	51	P	P	04 45 37.4 +0.6
CUPR	Culebra, Puert	21.31	51	P	P	04 45 41.0 +1.1
CDV	Caracas	21.41	53	P	P	04 45 42.4 +1.1
ETMB	Extrema	22.14	132	eP	P	04 45 49.0 -0.3
SVOC	Richmond Hill,	22.49	68	eP	P	04 45 53.5 +0.4
SVB	Belmont	22.50	68	eP	P	04 45 54.0 +0.8
SVB	Belmont	22.50	68	eS	S	04 50 06.5 +6.2
SVB	Belmont	22.50	68	P	P	04 45 53.6 +0.4
SABA	Saba	22.57	85	P	P	04 46 05.4 +1.1
SABA	Saba	22.57	85	IAMS_20	IAMS_20	04 54 11.0
SEUS	St. Eustatius	22.72	56	eP	P	04 45 40.6 -1.5
SEUS	St. Eustatius	22.72	56	IAMS_20	IAMS_20	04 54 17.0
DEWP	Disney Wildern	22.76	3	P	P	04 45 54.4 -1.3
DEWP				P	P	04 45 55.9 +0.1
MLCL	Monte Crique	22.84	67	eP	P	04 45 55.7 -1.2
SLBI	Saint Lucia, B	23.01	66	eP	P	04 45 57.7 -0.7
SLBI	Saint Lucia, B	23.01	66	eS	S	04 50 14.1 +4.8
MLYT	Lee's Yard	23.01	59	eP	P	04 45 43.5 -1.5
BIM	Rigot	23.09	65	eP	P	04 45 55.5 -3.9
FDL	Fort de France	23.10	64	P	P	04 46 00.1 +0.6
FDL	Fort de France	23.10	64	P	P	04 46 00.1 +0.6
FDL				pmax	pmax	
FDL				MLR	MLR	
FDL				Iamb	Iamb	04 46 00.1 +0.6
FDL				Iamb	Iamb	04 46 16.7
TDBA	Terre de Bas,	23.11	61	eP	S	04 46 04.5 +5.0
TDBA	Terre de Bas,	23.11	61	eS	S	04 50 15.7 +4.6
DSLB	Salisbury	23.13	62			

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like PB06 IPOC Station P, V58A Windy Hill, P, V58A Windy Hill, P, V48A Smith Brothers, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like HHAR Hobbs, S59A Mechanicsville, S60A Water View, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like AMTX Amarillo, SDMD Soldier's Deli, P58A Bank Wackers, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like M53A WI Miller and N41A Harde Midland.

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Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like N35A Tabor and L59A Walton.

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Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like H43A Windswept and DELO Deloro Mine.

PV19	Morning Glory	40.72 328	IAMS_20	IAMS_20	05 06 06.0
PV20	West Nyswonger	40.74 328	IAMS_20	IAMS_20	05 06 15.4
ALGO	Algonquin Park	40.74 5	P	P	04 48 33.4 -0.8
ALGO			S	S	04 54 46.0 +1.3
PV04	Paradox Valley	40.74 328	IAMS_20	IAMS_20	05 06 07.4
H63A	New Sharon	40.77 14	P	P	04 48 36.1 +1.7
H63A			S	S	04 54 46.3 +1.1
WVL	Waterville	40.77 14	P	P	04 48 33.9 -0.6
WVL			IAMB	IAMB	04 48 41.0
WVL			IAMS_20	IAMS_20	05 06 13.7
PV10	Paradox Valley	40.80 328	IAMS_20	IAMS_20	05 06 05.4
SPMN	Marine on St.	40.80 349	P	P	04 48 32.9 -1.8
SPMN	Marine on St.	40.80 349	IAMB	IAMB	04 48 36.5
GLA	Glamis	40.82 317	P	P	04 48 34.7 -0.5
GLA			S	S	04 54 50.5 +4.1
GLA			IAMS_20	IAMS_20	05 04 40.1
PV23	Carpenter Ridg	40.84 328	IAMS_20	IAMS_20	05 07 19.1
H64A	Troy	40.95 15	P	P	04 48 34.9 -1.0
F57A	Harrington	40.99 8	P	P	04 48 36.0 -0.3
E46A	Sault Ste Mari	40.99 358	IAMS_20	IAMS_20	05 06 42.5
UABX	UABC Campus M	41.00 316	IAMS_20	IAMS_20	05 03 14.0
ESJX	Sierra Juarez	41.01 315	IAMS_20	IAMS_20	05 03 38.1
G61A	St-Isidore-DR	41.03 12	P	P	04 48 38.2 +1.6
G61A			S	S	04 54 55.7 +6.7
IPMB	Ipaerri, GO	41.03 125	eP	P	04 48 37.2 +0.1
COWI	Conover	41.09 353	IAMB	IAMB	04 48 38.7
PDMCI	Parker Dam,Lak	41.10 319	P	P	04 48 38.7 +1.3
PDMCI			S	S	04 54 55.3 +4.9
E43A	Lone Tree Farm	41.15 355	IAMB	IAMB	04 48 40.0
E43A			IAMS_20	IAMS_20	05 06 22.7
F58A	St-Lin Laurent	41.17 9	P	P	04 48 39.0 +1.2
G62A	West of Eustis	41.18 13	P	P	04 48 39.0 +1.1
G62A	West of Eustis	41.18 13	IAMS_20	IAMS_20	05 03 32.7
N23A	Red Feather La	41.20 333	P	P	04 48 39.6 +1.1
N23A			S	S	04 54 57.7 +5.3
H65A	Eastbrook	41.25 16	P	P	04 48 40.2 +1.7
RPN	Rapa Nui	41.29 217	IAMS_20	IAMS_20	05 01 15.6
G63A	Kingsbury	41.30 14	P	P	04 48 38.2 -0.6
F59A	Saint Guillaume	41.34 10	P	P	04 48 38.7 -0.3
BO02	Sierra Bellavi	41.35 165	IAMB	IAMB	04 48 48.8
SDBA	SAO DESIDERIO	41.37 115	eP	P	04 48 40.6 +0.7
SWSC	Sam W. Stewart	41.43 316	P	P	04 48 41.4 +1.3
SWSC			S	S	04 55 01.7 +6.4
RMX	La Rumorosa	41.43 315	P	P	04 48 38.5 -1.8
RMX			IAMS_20	IAMS_20	05 04 35.6
E55A	Monter-Lynton	41.44 7	P	P	04 48 40.5 +0.5
CCX	Ciesee	41.44 314	IAMS_20	IAMS_20	05 04 25.6
IKP	In-Ko-Pah, Jac	41.48 315	P	P	04 48 42.1 +1.5
PKME	Peaks-Kenny Pk	41.52 14	P	P	04 48 42.1 +1.5
PKME	Peaks-Kenny Pk	41.52 14	IAMB	IAMB	04 48 45.6
F36A	Milaca	41.56 348	IAMB	IAMB	04 48 42.7
H66A	Whiting	41.59 16	P	P	04 48 40.7 -0.5
BC3	Big Chuckawall	41.59 317	P	P	04 48 43.1 +1.5
BC3			S	S	04 55 07.1 +9.1
SUSD	Miller	41.59 342	P	P	04 48 39.8 -1.5
SUSD	Miller	41.59 342	IAMB	IAMB	04 48 41.3
F60A	Warwick	41.60 11	P	P	04 48 41.4 +0.1
G64A	Maxfield	41.64 15	P	P	04 48 41.6 0.0
G64A			S	S	04 55 05.1 +7.1
E57A	Chemin Saint G	41.65 9	P	P	04 48 41.5 -0.3
E56A	St. Veronique	41.65 8	P	P	04 48 41.6 -0.1
IRM	Iron Mountain	41.68 318	P	P	04 48 43.7 +1.5
IRM			S	S	04 55 07.0 +7.9
NEE2	Needles Airpor	41.70 319	P	P	04 48 43.9 +1.6
NEE2			S	S	04 55 06.4 +7.1
O20A	White River Ci	41.70 330	P	P	04 48 44.1 +1.6
O20A			S	S	04 55 08.4 +8.8
E58A	La Victoria	41.75 10	P	P	04 48 42.9 +0.4
F61A	St Evariste	41.80 12	P	P	04 48 42.7 -0.3
MONP2	Monument Peak	41.83 315	P	P	04 48 45.0 +1.4
MONP2			S	S	04 55 09.8 +8.1
BAR	Barrett	41.89 315	P	P	04 48 42.8 -1.1
BAR			IAMS_20	IAMS_20	05 05 11.4
G65A	Princeton	41.90 16	P	P	04 48 44.0 +0.3
E38A	The Farm, Brul	41.92 351	IAMB	IAMB	04 48 45.5
D41A	Chassel	41.97 354	IAMB	IAMB	04 48 47.0
F63A	Nahmakanita, Br	41.97 14	P	P	04 48 44.4 0.0
PKCU	Pink Cliffs	41.98 324	IAMB	IAMB	04 49 03.1
E59A	St. Maurice	41.99 10	P	P	04 48 44.0 -0.4
KNB	Kanab	42.00 323	IAMB	IAMB	04 48 50.2
D55A	Sainte-Anne-du	42.06 7	P	P	04 48 45.0 0.0
TJX	Tijuana	42.07 314	IAMS_20	IAMS_20	05 04 56.1
PTGB	Pitanga	42.07 136	eP	P	04 48 44.8 -0.8
E60A	Ste Agathe de	42.09 12	P	P	04 48 45.8 +0.5
E60A			S	S	04 55 08.4 +3.8
SRU	San Rafael Swe	42.13 327	IAMB	IAMB	04 48 50.5

F33A	5 Mile Ranch,	42.15 346	IAMB	IAMB	04 48 47.3
BELC	Belle Mtn. Jos	42.16 317	P	P	04 48 47.7 +1.4
BELC			S	S	04 55 13.6 +7.1
D56A	ZEC Mazanra, M	42.19 8	P	P	04 48 45.5 -0.6
NBPS	Pedro II - Pl	42.20 102	eP	P	04 48 48.3 +1.6
TPFO	Pinon Flats	42.25 316	P	P	04 48 48.6 +1.6
TPFO			S	S	04 55 13.6 +5.8
PFO	Pinon Flats O	42.26 316	P	P	04 48 48.4 +1.4
PFO	Pinon Flats O	42.26 316	P	P	04 48 48.5 +1.4
PFO			S	S	04 55 13.6 +5.8
PFO	Pinon Flats O	42.26 316	P	P	04 48 45.7 -1.3
109C	Camp Elliot, M	42.31 315	P	P	04 48 48.5 +1.2
109C			S	S	04 55 14.4 +6.1
F64A	Sherman	42.31 15	P	P	04 48 48.1 +1.0
F64A	Sherman	42.31 15	IAMB	IAMB	04 48 51.8
E61A	Lac Etchemin,	42.34 12	P	P	04 48 47.8 +0.4
GMRC	Granite Mounta	42.39 318	P	P	04 48 49.5 +1.3
GMRC			S	S	04 55 16.9 +7.0
BB19B	Beheduro	42.44 129	eP	P	04 48 48.8 +0.3
D58A	Chemin du LacG	42.52 10	P	P	04 48 49.1 +0.3
D59A	Saint-Raymond	42.62 11	P	P	04 48 51.1 +1.5
MVU	Marys	42.64 325	IAMB	IAMB	04 48 55.4
D60A	Saint Jean D'O	42.71 12	P	P	04 48 51.1 +0.8
ITOB	Murrieta	42.74 146	eP	P	04 48 50.9 +0.1
MURC		42.76 316	P	P	04 48 52.4 +1.4
MURC			S	S	04 55 19.6 +4.5
E63A	Oxbow	42.81 14	P	P	04 48 52.4 +1.2
E63A			S	S	04 55 17.7 +2.3
E63A	Oxbow	42.81 14	IAMB	IAMB	04 48 56.0
LATQ	La Tuque	42.82 10	S	S	04 55 17.3 +1.9
LATQ	La Tuque	42.82 10	IAMB	IAMB	04 48 54.9
B103	Tigo	42.82 169	P	P	04 48 50.5 -0.9
B103			IAMB	IAMB	04 48 53.0
HEC	Hector,Ludlow	42.87 318	P	P	04 48 53.4 +1.4
HEC			S	S	04 55 22.6 +5.8
K22A	Casper	42.87 334	P	P	04 48 52.9 +1.0
K22A			S	S	04 55 21.9 +5.2
K22A	Casper	42.87 334	IAMS_20	IAMS_20	05 08 49.1
VLDQ	Val d'Or	42.93 5	IAMB	IAMB	04 48 55.0
VLDQ			IAMS_20	IAMS_20	05 06 30.3
BBRC	Big Ben Solar	42.94 317	P	P	04 48 54.3 +1.6
BBRC			S	S	04 55 22.8 +4.7
E64A	Bridgewater	42.96 15	P	P	04 48 52.3 -0.1
E64A			S	S	04 55 23.6 +6.1
JANB	Januaría	42.97 119	eP	P	04 48 52.7 -0.2
B102	San Felipe de	43.02 167	IAMB	IAMB	04 49 05.5
RSSD	Black Hills	43.06 337	P	P	04 48 54.8 +1.2
RSSD			S	S	04 55 24.8 +5.3
RSSD	Black Hills	43.06 337	P	P	04 48 52.4 -1.1
RSSD			pmax	pmax	
RSSD			MLR	MLR	
RSSD	Black Hills	43.06 337	P	P	04 48 52.4 -1.1
RSSD			IAMB	IAMB	04 48 55.5
RSSD	Black Hills	43.06 337	IAMS_20	IAMS_20	05 08 08.3
SHPR	Sheep Range	43.11 321	IAMS_20	IAMS_20	05 06 17.9
D61A	St Aubert, Com	43.14 12	P	P	04 48 54.2 +0.4
PQI	Presque Isle	43.15 15	IAMS_20	IAMS_20	05 06 02.7
EYMN	Ely	43.22 351	P	P	04 48 52.7 -1.8
EYMN		43.22 351	IAMB	IAMB	04 48 55.8
D62A	Allapoint, All	43.28 13	P	P	04 48 55.7 +0.7
D62A			S	S	04 55 24.7 +2.5
D62A	Allapoint, All	43.28 13	IAMB	IAMB	04 48 59.6
D62A			IAMS_20	IAMS_20	05 03 58.2
LMN	Caledonia Moun	43.30 18	IAMB	IAMB	04 49 06.3
RRX	Edison Barstow	43.34 317	P	P	04 48 57.0 +1.3
RRX			S	S	04 55 28.2 +4.7
SC12	San Clemente I	43.38 314	P	P	04 48 56.0 0.0
BFSC	Mount Baldy Ra	43.43 316	P	P	04 48 57.7 +1.1
BFSC			S	S	04 55 29.4 +4.2
GSC	Goldstone, Bar	43.46 318	P	P	04 48 58.0 +1.2
GSC			S	S	04 55 30.3 +4.8
SHOC	Shoshone, Teco	43.46 319	P	P	04 48 58.0 +1.4
D63A	Stockholm	43.47 14	P	P	04 48 55.5 0.0
FMP	Fort Macarthur	43.59 315	P	P	04 48 58.5 +0.8
FMP			S	S	04 55 32.9 +5.7
ITAB	Concordia	43.70 139	eP	P	04 48 58.3 -0.4
MWC	Mount Wilson	43.70 316	IAMS_20	IAMS_20	05 06 09.5
PASC	Pasadena Art C	43.76 316	IAMS_20	IAMS_20	05 06 10.1
DECC	Green Verdugo	43.91 316	P	P	04 49 01.0 +0.7
DECC			S	S	04 55 35.4 +3.5
LSQQ	Lebel-sur-Quev	43.91 5	P	P	04 48 59.4 -0.7
B35A	Bob, Littlefor	44.00 349	P	P	04 48 59.5 -1.2
B35A			PcP	PcP	04 50 45.6 -0.8
EDW2	Edwards Air Fo	44.02 317	P	P	04 49 02.2 +1.0
EDW2			S	S	04 55 41.0 +7.4
E28A	Huff	44.05 342	IAMB	IAMB	04 49 04.6
TCUT	Toone Canyon	44.05 328	IAMB	IAMB	04 49 17.1
TPNV	Topopah Spring	44.07 320	P	P	04 49 03.5 +1.8
TPNV			S	S	04 55 38.4 +3.9

DUG	Dugway, Tooele	44.15 326	P	P	04 49 03.6 +1.4
DUG			S	S	04 55 40.7 +5.3
LRMC	Laurel Mtn Rad	44.15 318	P	P	04 49 03.6 +1.3
LRMC			S	S	04 55 42.0 +6.5
FURC	Furnace Creek,	44.18 319	P	P	04 49 04.0 +1.6
FURC			S	S	04 55 42.6 +7.0
SNCC	San Nicolas Is	44.22 314	P	P	04 49 03.2 +0.4
SNCC	San Nicolas Is	44.22 314	IAMS_20	IAMS_20	05 04 08.1
PDAR	Pinedale Array	44.35 331	P	P	04 49 04.2 +0.3
PDAR			PcP	PcP	04 50 49.4 +1.3
PDAR			LR	LR	05 09 55.7
PDAR	Pinedale Array	44.35 331	P	P	04 49 02.7 -1.2
BW06	Boulder Array	44.35 331	P	P	04 49 04.4 +0.5
BW06			S	S	04 55 40.4 +1.9
MPMC	Manual Prospec	44.35 318	P	P	04 49 05.1 +1.1
MPMC			S	S	04 55 45.8 +7.2
OSI	Osito Audit: C	44.38 316	S	S	04 55 43.9 +5.2
OSI	Osito Audit: C	44.38 316	IAMS_20	IAMS_20	05 06 47.3
R11A	Troy Canyon, C	44.53 322	P	P	04 49 07.0 +1.6
R11A			S	S	04 55 47.5 +6.4
MATO	Matami	44.55 5	P	P	04 49 03.9 -1.2
SCZ2	Santa Cruz Isl	44.69 315	P	P	04 49 06.5 0.0
SPB	Sao Paulo	44.70 131	eP	P	04 49 06.0 -0.7
ARVC	Valinhos	44.72 130	eP	P	04 49 07.1 +0.1
ARVC		44.73 316	P	P	04 49 08.2 +1.4
ARVC			S	S	04 55 49.3 +5.5
SPUT	South Promonto	44.73 328	IAMB	IAMB	04 49 15.6
BGU	Big Grassy Mou	44.77 327	IAMB	IAMB	04 49 09.0
ISA	Isabelle Lake	44.78 317	P	P	04 49 08.8 +1.5

5d 4h

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like DGMT Dagmar, WAKR Walker, PLCA Paso Flores, etc.

2015 FEB

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like C06D Leavenworth, E04D Cinebar, D05A Enumclaw, etc.

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Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like MORF Marlette, SML Sawmill, PSBE Sanku, etc.

5d 4h

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like H01W3, GYA, SHL, FITZ, etc.

RSNC 05 04:42:01.7z 1.2, 8.43N:72.14W, h0km,6km,ML2.3,Mw3.2, Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and other technical details. Includes stations like OCAC, PAMC, SDV, SMLC, etc.

IPEC 05 04:43:55.6z 0.3, 51.60N:16.26E, h0km, ML3.3/3, Error ellipse: s-maj=1.8km s-min=1.5km az=47.0

LDG 05 04:43:56.2z 0.2, 51.50N:16.18E, h1km, M3.5/14, Error ellipse: s-maj=4.3km s-min=2.5km az=9.0, Suspected Mining induced.

IDC 05 04:43:57.5z 0.6, 51.47N:16.00E, h0km, mb3.6/5, mb1 3.8/13, mb1mx3.6/59, mbtmp3.6/13, ML3.2/8, Error ellipse: s-maj=10.3km s-min=6.6km az=99.0

PRU 05 04:43:58.7z 0.0, 51.44N:16.12E, h0km BGR 05 04:43:58.5z 0.3, 51.42N:16.13E, h1km, ML3.6/16, Error ellipse: s-maj=3.3km s-min=2.2km az=16.0

DNK 05 04:44:01.7z 2.9, 51.81N:15.86E, h0km, ML2.6 UPP 05 04:44:01.7z 2.9, 51.81N:15.86E, h0km, ML3.1, Suspected explosion

ISC 05 04:43:56.0z 0.5, 51.56N:0.02z 16.16E:0.02, h0km, n125, e213/233, mb3.5/5, 7C-SD, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and other technical details. Includes stations like KSP, DPC, PAMC, etc.

2015 FEB

Main table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like PRA, FBE, PRU, MORC, etc.

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Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like SOKA, DEL, OBKA, WATA, etc.

UTMT R50A	University of Paris	31.88 334	P	P	05 45 22.9 -0.1
WLAR	White Oak Lake	31.89 342	I Amb	I Amb	05 45 25.9
WLCR	comp-Z,25nm,0.8s				
WLFAR	White Oak Lake	31.89 326	P	P	05 45 22.5 -0.6
058A	Lewisberry	32.06 353	P	P	05 45 25.7 +1.2
MCWV	Mont Chateau	32.06 349	P	P	05 45 25.6 +1.1
060A	Telford	32.10 355	P	P	05 45 26.1 +1.3
PAGS	Pennsylvania G	32.14 353	I Amb	I Amb	05 45 27.2
059A	Robesonia	32.16 354	P	P	05 45 26.7 +1.3
R49A	Shelbyville	32.17 341	I Amb	I Amb	05 45 27.6
P53A	Whipple	32.22 346	I Amb	I Amb	05 45 28.2
057A	Amberson	32.23 352	P	P	05 45 27.2 +1.2
Q51A	Peebles	32.29 344	I Amb	I Amb	05 45 29.1
X40A	Basin Creek Fa	32.34 327	P	P	05 45 27.6 +0.5
056A	Blue Knob Sta	32.43 351	P	P	05 45 28.9 +1.1
N61A	South Mountain	32.45 357	P	P	05 45 28.8 +0.9
WCI	Wyandotte Cave	32.50 339	P	P	05 45 29.3 +0.9
WCI	Wyandotte Cave	32.50 339	P	P	05 45 25.4 -3.0
WCI	Wyandotte Cave		I Amb	I Amb	05 45 30.5
P52A	Corning	32.54 346	P	P	05 45 29.3 +0.6
P52A	Corning	32.54 346	P	P	05 45 28.4 -0.3
W41B	Gary Mavity, V	32.55 328	P	P	05 45 29.5 +0.6
833A	Chapparral WMA	32.57 311	P	P	05 45 29.1 0.0
ZAIG	Zacatecas	32.61 300	P	P	05 45 29.5 -0.4
ZAIG	Zacatecas		I Amb	I Amb	05 45 32.7
N60A	Cedar Hill Far	32.62 356	P	P	05 45 30.7 +1.3
P51A	Williamsport	32.64 344	P	P	05 45 29.0 -0.6
WHAR	Wooley Hollow	32.66 329	P	P	05 45 29.7 -0.2
WHAR	Wooley Hollow		I Amb	I Amb	05 45 31.6
058A	Aveila	32.67 348	I Amb	I Amb	05 45 32.1
Z34A	Mt. Pleasant	32.67 323	P	P	05 45 29.6 -0.3
SSPA	Standing Stone	32.69 352	P	P	05 45 31.3 +1.3
SSPA	Standing Stone	32.69 352	P	P	05 45 29.7 -0.3
SSPA	Standing Stone		I Amb	I Amb	05 45 32.4
PAL	Palisades	32.69 358	P	P	05 45 30.4 +0.4
435B	Jarrell	32.70 317	P	P	05 45 31.1 +0.9
435B	Jarrell	32.70 317	P	P	05 45 30.8 +0.5
LCAR	Lake Charles	32.71 331	P	P	05 45 30.1 -0.2
LCAR	Lake Charles		I Amb	I Amb	05 45 32.1
N59A	State Game Lan	32.72 355	P	P	05 45 31.2 +0.8
N59A	State Game Lan	32.72 355	P	P	05 45 29.6 -0.8
N58A	Sunbury	32.74 354	P	P	05 45 31.1 +0.6
N58A	Sunbury	32.74 354	I Amb	I Amb	05 45 33.1
N57A	Milroy	32.76 352	P	P	05 45 31.5 +0.8
AQDB	Aquidauana	32.78 151	eP	P	05 45 33.4 +2.4
MIAR	Mount Ida	32.79 326	P	P	05 45 31.5 +0.5
MIAR	Mount Ida	32.79 326	P	P	05 45 31.7 +0.8
TRNY	Table Rock, Ra	32.84 357	I Amb	I Amb	05 45 33.4
053A	New Philadelphia	32.91 347	P	P	05 45 33.3 +1.3
PMBO	Poplar Bluff	32.94 332	I Amb	I Amb	05 45 38.7
M61A	Granite Spring	32.99 358	P	P	05 45 33.3 +0.7
N56A	West Decatur	33.02 351	P	P	05 45 33.6 +0.6
M60A	Port Jervis	33.05 357	P	P	05 45 33.9 +0.7
FCAR	Ozark Folk Cen	33.05 329	P	P	05 45 33.3 +0.1
FCAR	Ozark Folk Cen		I Amb	I Amb	05 45 34.6
M63A	Gales Ferry	33.05 0	P	P	05 45 34.4 +1.3
M63A	Gales Ferry		I Amb	I Amb	05 45 35.2
M62A	Hamden	33.09 359	P	P	05 45 34.2 +0.6
P49A	Miami Univ. Ec	33.16 342	P	P	05 45 35.0 +0.8
P49A	Miami Univ. Ec	33.16 342	P	P	05 45 34.8 +0.7
P49A	Miami Univ. Ec		I Amb	I Amb	05 45 36.7
M58A	Price's Panora	33.24 354	P	P	05 45 35.6 +0.7
GO02	Mina Guanaco	33.27 176	P	P	05 45 36.1 +0.5
GO02	Mina Guanaco		I Amb	I Amb	05 45 43.0
M57A	Sunshine Farm	33.28 353	P	P	05 45 36.6 +1.4
M59A	Waymart	33.31 355	P	P	05 45 36.2 +0.7
ACSO	Alum Creek Sta	33.32 345	P	P	05 45 36.5 +0.9
ACSO	Alum Creek Sta	33.32 345	I Amb	I Amb	05 45 37.9
N54A	Moraine State	33.35 349	P	P	05 45 37.1 +1.3
N54A	Moraine State	33.35 349	I Amb	I Amb	05 45 42.9
WHTX	Lake Whitney	33.37 319	P	P	05 45 36.7 +0.6
W39A	Magazine	33.39 327	P	P	05 45 36.8 +0.6
W39A	Magazine	33.39 327	I Amb	I Amb	05 45 38.3
KSC2	Kent School, K	33.39 358	P	P	05 45 36.9 +0.8
KSC2	Kent School, K		I Amb	I Amb	05 45 37.9
B20	Bloomington	33.42 339	I Amb	I Amb	05 45 39.3
T42A	Van Buren	33.45 332	I Amb	I Amb	05 45 38.3
BDFB	Brasilia	33.66 135	P	P	05 45 38.9 0.0
BDFB	Brasilia	33.66 135	P	P	05 45 41.0 +2.1
L60A	Shokan	33.69 357	P	P	05 45 39.9 +1.1
U40A	Yellville	33.78 329	P	P	05 45 40.0 +0.4
M54A	Oil Creek Stat	33.82 350	P	P	05 45 41.1 +1.1
X37A	Clayton	33.84 324	I Amb	I Amb	05 45 42.2
L58A	Harry Jones Me	33.85 355	P	P	05 45 41.2 +1.0
L61A	Hillsdale 1, H	33.86 358	P	P	05 45 41.2 +0.9
L57A	Andrews Acres	33.90 354	P	P	05 45 41.2 +0.6
L59A	Walton	33.93 356	P	P	05 45 42.3 +1.3
M53A	WI Miller and	33.94 348	P	P	05 45 41.1 +0.1
SDBA	SAO DESIDERIO	33.95 127	eP	P	05 45 42.9 +1.5
NBMO	Morinhos-CE	33.99 108	eP	P	05 45 43.6 +1.8
BNYO	Binghamton	34.02 355	P	P	05 45 42.6 +1.0
JCT	Junction City	34.06 314	P	P	05 45 42.6 +0.4
MGMO	Mountain Grove	34.11 331	I Amb	I Amb	05 45 44.7
Q44A	Meyer Farm, Va	34.12 336	I Amb	I Amb	05 45 45.0
L56A	Greenwood	34.12 353	P	P	05 45 43.8 +1.2

HRV	Adam Dzewonsk	34.16 1	P	P	05 45 43.8 +1.0
K60A	Five Rivers	34.30 358	P	P	05 45 44.9 +1.0
K62A	Royalton	34.31 360	P	P	05 45 45.0 +0.9
K63A	Dunstable	34.34 1	P	P	05 45 45.0 +0.7
L53A	Girard	34.36 349	P	P	05 45 45.3 +0.7
CCM	Cathedral Cave	34.36 333	P	P	05 45 45.1 +0.5
CCM	Cathedral Cave	34.36 333	P	I Amb	05 45 44.7 0.0
CCM	Cathedral Cave		I Amb	I Amb	05 45 46.5
ERPA	Erie	34.47 350	P	P	05 45 44.1 +0.6
ERPA	Erie	34.47 350	P	P	05 45 45.8 +0.2
K59A	Cooperstown	34.50 356	P	P	05 45 46.7 +0.9
WVNY	West Valley, N	34.53 352	P	P	05 45 46.0 -0.1
K58A	Earville	34.55 355	P	P	05 45 46.9 +0.7
K58A	Earville	34.55 355	P	I Amb	05 45 46.1 -0.1
K58A	Earville		I Amb	I Amb	05 45 52.9
K57A	Schip Center	34.59 354	P	P	05 45 47.3 +0.7
U38A	Gravette	34.64 328	P	P	05 45 46.6 -0.5
K56A	Middlesex	34.65 353	P	P	05 45 47.6 +0.6
N47A	Lafayette	34.69 342	P	P	05 45 47.6 +0.1
N47A	Lafayette	34.70 340	P	P	05 45 48.3 +0.8
SFIN	Lafayette	34.70 340	P	P	05 45 47.7 +0.2
J60A	Lant Hill Farm	34.91 358	P	P	05 45 50.1 +0.8
J63A	Strafford	34.94 1	P	P	05 45 50.4 +0.9
P43A	Skaggs, Pawnee	34.95 336	P	P	05 45 49.6 -0.1
J61A	Chester	34.99 359	P	P	05 45 50.9 +0.9
TUL1	Leonard	35.02 325	P	P	05 45 49.9 -0.5
TUL1	Leonard	35.02 325	P	I Amb	05 45 50.5 +0.1
TUL1	Leonard		I Amb	I Amb	05 45 51.3
S39A	Bolivar	35.05 330	I Amb	I Amb	05 45 52.4
ITRB	Iurama	35.07 143	eP	P	05 45 52.6 +1.6
W35A	Tecunseh	35.11 323	P	P	05 45 50.4 +0.7
IPMB	Ipaneri, GO	35.15 138	eP	P	05 45 53.0 +1.3
J59A	Piesco	35.17 357	P	P	05 45 51.9 +0.3
ABTX	Ablene, Hawle	35.21 317	P	P	05 45 52.2 +0.1
ABTX	Ablene, Hawle	35.21 317	I Amb	I Amb	05 45 53.8
J57A	Williamstown	35.22 355	P	P	05 45 52.8 +0.8
J57A	Williamstown	35.22 355	P	P	05 45 51.6 -0.3
L48A	N Adams	35.31 344	I Amb	I Amb	05 45 52.8 0.0
L48A	N Adams		I Amb	I Amb	05 45 54.6
I58A	Old Forge	35.42 356	P	P	05 45 54.3 +0.5
AAM	Ann Arbor	35.44 345	P	P	05 45 55.1 +1.3
FNO	Franklin	35.49 323	P	P	05 45 53.3 -1.1
FNO	Franklin		I Amb	I Amb	05 45 56.5
I60A	Shoreham	35.50 359	P	P	05 45 56.2 +1.9
I61A	Oroboro, Fairl	35.58 360	P	P	05 45 56.1 +1.0
OK030	Cody Creek RV	35.60 324	P	P	05 45 55.7 +0.4
I64A	Boothbay	35.63 3	P	P	05 45 57.1 +1.6
K50A	Casco	35.64 347	P	P	05 45 56.3 +0.8
OK031	S. Brethren RV	35.65 324	P	P	05 45 55.7 -0.1
HDIL	Hopedale	35.65 337	P	P	05 45 56.0 +0.3
HDIL	Hopedale	35.65 337	P	P	05 45 55.2 -0.5
I57A	Carthage	35.72 356	P	P	05 45 57.4 +1.2
I63A	Otisfield	35.72 2	P	P	05 45 57.4 +1.1
QUOK	Quay	35.73 325	P	P	05 45 56.5 +0.1
QUOK	Quay		I Amb	I Amb	05 45 57.4
LBNH	Libson	35.88 0	P	P	05 45 58.8 +1.1
OK029	Liberty Lake	35.90 324	P	P	05 45 57.3 -0.6
OK029	Liberty Lake		I Amb	I Amb	05 45 59.0
M44A	Midewin, Midew	35.92 339	P	P	05 45 57.4 -0.6
P40A	Paris	35.92 333	I Amb	I Amb	05 45 59.0
JANB	Januarja	35.99 130	eP	P	05 45 59.8 +0.8
PCMB	Pacaembu	36.03 146	eP	P	05 46 00.8 +1.6
H58A	Gabriels	36.10 358	P	P	05 46 00.4 +0.8
H61A	Lyndonville	36.18 0	P	P	05 46 01.0 +0.8
H60A	Morristown	36.21 359	P	P	05 46 01.8 +1.3
H57A	Richville	36.22 356	P	P	05 46 01.0 +0.5
TRCB	Terra Rica	36.26 149	eP	P	05 46 02.6 +1.5
I51A	Listowel	36.29 349	P	P	05 46 01.9 +0.7
TXAR	Lajitas Array	36.30 310	P	P	05 46 02.2 +0.6
TXAR	Lajitas Array	36.30 310	P	P	05 46 27.8 +1.3
TXAR	Lajitas Array		I Amb	I Amb	05 46 27.8 +1.3
TX31	Lajitas Ar. Si	36.30 310	P	P	05 46 01.6 0.0
TX31	Lajitas Ar. Si		I Amb	I Amb	05 46 03.2
TX32	Lajitas Array	36.30 310	P	P	05 46 01.8 +0.1
H59A	Cadyville	36.31 358	P	P	05 46 01.9 +0.6
LONY	Lake Ozonia	36.33 357	P	P	05 46 02.6 +1.1
FRNY	Flat Rock	36.50 358	P	P	05 46 04.2 +1.3
FRNY	Flat Rock		I Amb	I Amb	05 46 04.9
L44A	Lake County Fo	36.58 340	P	P	05 46 04.1 +0.4
H47A	Sumner	36.62 344	P	P	05 46 04.6 +0.6
J53A	Bobcaygeon	36.6			

5d 5h

2015 FEB

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like Deer Lake, Sierra Bellavi, Ely, Miller, 4UR Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like WFLY, HVL, YMP, YMP, H17A, H17A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like ESDC, ESDC, ESKDALE, EPYK, EPYK, etc.

KESN		iS	Sn	06 17 44.8 +0.4	CFR Carcalui	2.83 31	Pn	06 17 32.5 +1.8	SRCK Saricakaya, Es	4.35 127	iP	Pn	06 17 53.5 +1.9
KESN	comp=N,2um,0.8s	IAML		06 17 49.0	CFR Armutlu		Sb	06 18 10.0 -0.7	BORA Eskisehir	4.36 130	PN	Pn	06 17 52.9 +1.2
KESN	comp=E,2um,0.5s	IAML		06 17 50.0	SRE Strehaia	2.84 313	UP	06 17 31.5 +0.8	BORA Eskisehir	4.36 130	iP	Pn	06 17 51.7 0.0
ENEZ		S	Pn	06 17 20.1 +0.6	SRE Strehaia	2.84 313	UP	06 18 07.3 +2.3	CHOS Chios island	4.37 181	ePn	Pn	06 17 52.0 +0.2
ENEZ	comp=E,6um,0.5s	S	Sg	06 17 49.4 -0.7	SRE Strehaia	2.84 313	UP	06 17 31.5 +0.8	TRUS Trudelj	4.40 291	ePn	Pn	06 17 53.0 +0.8
ENEZ		P	Pb	06 17 19.5 0.0	JURR Jurilovca	2.84 44	UP	06 18 13.5 +0.8	URLA Uzmir	4.41 175	Pn	Pn	06 17 52.6 +0.2
SOF Sofiysa		P	Pb	06 17 21.9 +0.6	JURR Jurilovca	2.84 44	UP	06 18 07.3 +2.3	IVAS Ivanjica	4.43 283	ePn	Pn	06 17 53.3 +0.6
AMRR Amara		UP	Pb	06 17 23.1 +0.3	JURR Jurilovca	2.84 44	UP	06 17 34.5 -1.6	IVAS Ivanjica	4.43 283	ePn	Pn	06 17 42.9 -1.6
AMRR Amara		UP	Sg	06 17 51.2 -0.1	KJNR Kjonik	2.87 237	P	06 17 34.5 -1.6	BANR Banloc	4.44 308	iP	Pn	06 17 54.5 +1.8
AMRR Amara		S	Sg	06 17 23.0 +0.3	KJNR Kjonik	2.87 237	P	06 17 32.0 +0.7	BANR Banloc	4.44 308	iP	Pn	06 17 53.3 +0.6
AMRR Amara		S	Sg	06 17 51.1 -0.1	OUR Ouranopolis	2.90 214	PN	06 17 31.4 -0.2	BANR Banloc	4.44 308	iP	Pn	06 17 53.3 +0.6
AMRR Amara		S	Sg	06 17 23.1 +0.3	OUR Ouranopolis	2.90 214	PN	06 17 31.6 0.0	THI Trokotes Trika	4.45 119	P	Pn	06 17 52.9 +0.2
TKR Tekirdag		PN	Pn	06 17 20.1 0.0	BOZC Bozcaada	2.91 181	PN	06 17 32.0 +0.4	MDUB Mudurnu	4.45 119	P	Pn	06 17 54.3 +1.3
CAVK Edirne/Enez-Ca		iP	Pn	06 17 20.3 +0.2	BOZC Bozcaada	2.91 181	iP	06 17 30.5 -1.3	GDZ Gediz	4.47 144	iP	Pn	06 17 52.6 -0.8
CAVK Edirne/Enez-Ca		iS	Sb	06 17 48.3 -0.4	EZN Ezine	2.93 177	PN	06 17 32.9 +0.8	GDZ Gediz	4.47 144	iP	Pn	06 17 54.5 +1.1
CAVK Edirne/Enez-Ca		IAML		06 17 58.0	EZN Ezine	2.93 177	PN	06 17 32.9 +0.8	GDZ Gediz	4.47 144	iP	Pn	06 17 55.1 +1.4
CAVK Edirne/Enez-Ca		IAML		06 18 00.0	EZN Ezine	2.93 177	PN	06 17 32.2 +0.1	BEQ Beograd	4.50 245	P	Pn	06 17 57.9 +3.2
CAVK Edirne/Enez-Ca		IAML		06 18 00.0	LIJA Limnos Island	2.94 194	PN	06 17 32.5 +0.4	MILM Milestii Mici	4.58 24	UP	Pn	06 17 58.3 +3.5
CAVK Edirne/Enez-Ca		IAML		06 18 00.0	PRVS Prvonek	2.96 267	ePn	06 17 34.1 +1.3	MILM Milestii Mici	4.58 24	UP	Pn	06 17 58.3 +3.5
CAVK Edirne/Enez-Ca		IAML		06 18 00.0	PRVS Prvonek	2.96 267	ePn	06 18 10.2 +1.5	USAK Uak-Merkez	4.61 150	iP	Pn	06 17 56.1 +0.9
CTYL Yalikoyu Yolu		PN	Pn	06 17 20.5 +0.3	KCTX Karacabey (Bur	3.01 145	PN	06 17 33.4 +0.2	DIVS Divibare	4.65 289	ePn	Pn	06 17 56.4 +0.7
MANR Mangalia		UP	Pn	06 17 21.2 +0.6	KCTX Karacabey (Bur	3.01 145	PN	06 17 33.7 +0.5	DIVS Divibare	4.65 289	ePn	Pn	06 17 56.4 +0.7
MANR Mangalia		UP	Pn	06 17 21.2 +0.6	SCHL Schela	3.01 24	UP	06 17 35.5 +2.4	DIVS Divibare	4.65 289	ePn	Pn	06 17 56.7 +1.0
MANR Mangalia		UP	Pn	06 17 21.2 +0.6	SCHL Schela	3.01 24	UP	06 18 14.8 -1.1	DIVS Divibare	4.65 289	ePn	Pn	06 17 56.7 +1.0
MANR Mangalia		UP	Pn	06 17 21.2 +0.6	SCHL Schela	3.01 24	UP	06 17 35.5 +2.4	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
MANR Mangalia		UP	Pn	06 17 21.2 +0.6	SCHL Schela	3.01 24	UP	06 18 14.8 -1.1	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
MANR Mangalia		UP	Pn	06 17 21.2 +0.6	SCHL Schela	3.01 24	UP	06 18 14.8 -1.1	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
ERIK Eriki-Kesan		PN	Pb	06 17 20.6 -0.1	ZAGS Zajcar	3.02 292	ePn	06 18 14.8 -1.1	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
CVDA Cernavoda		UP	Pb	06 17 23.3 -0.4	ZAGS Zajcar	3.02 292	ePn	06 17 33.4 +0.2	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
CVDA Cernavoda		UP	Pb	06 17 23.3 -0.4	ZAGS Zajcar	3.02 292	ePn	06 17 33.4 +0.2	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
MMB Musomiste		P	Pb	06 17 22.9 +1.1	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 18 07.6 -2.3	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
MMB Musomiste		P	Pb	06 17 22.9 +1.1	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.9 -1.0	BAYC ZAJNACKALE_Bayr	3.03 174	iP	06 17 36.9 +2.9	KIS Kishinev	4.66 24	eS	Pn	06 17 57.0 +1.2
VTS Vitosha		eP	Pb	06 17 22.									

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like ZAG Zagreb, LANS Liptovska Anna, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like KONO Kongsberg, KLMM Klumovsko, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like SPBC San Pablo de B, BAUV El Baul, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Ciudad Bolivar, Turiamo, Santa Ana, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NORSAR Array B, GRESS Array B, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Mt. Pleasant, J Bar K, Exete, etc.

5d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like S44A, SIUC, ECSD, etc.

GGC 05 07:07:50.5-0.7, 14.17N:91.56W, h69km, 14km, MD3.6
SNET 05 07:07:51.7-0.7, 14.25N:91.30W, h13km, 6km, ML3.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RTAL, FUG, PCG, etc.

ISC 05 07:09:47.6-3.1, 54.16N:87.19E, h0km, mb1 3.0/2,
s-maj=29.0km s-min=17.9km az=59.0, Southeastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, KURBB, etc.

2015 FEB

NNC 05 07:13:55.1-0.7, 50.03N:78.82E, h0km, mb3.0, mpv2.8,
Error ellipse: s-maj=17.9km s-min=3.3km az=70.0, Suspected Mining explosion.

ISC 05 07:13:56.7-0.9, 50.07N:78.82E, h0km, mb1 2.8/3,
s-maj=11.9km s-min=6.3km az=57.0, Error ellipse: s-maj=11.9km s-min=6.3km az=57.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KURBB, KURK, MAKZ, etc.

ISC 05 07:25:09.2-2.2, 36.56N:141.36E, h0km, mb3.4/4,
mb1 3.5/5, mb1mx3.3/52, mbtmp3.4/5, ML2.7/1, MS2.4/1, Ms1 2.4/1, ms1mx2.5/33, Error ellipse: s-maj=46.7km

JMA 05 07:25:11.9-0.1, 19.69N:141.10E, h27km, 1km, M3.2
ISC 05 07:25:10.9-2.3, 36.67N:106.141.16E:0.09, h7km, 12km, n25, s1536/20, mb3.4/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JHO, ONAJ, JHYU, etc.

ISC 05 07:27:16.9-2.8, 54.18N:86.41E, h0km, mb1 2.9/2,
mb1mx2.8/51, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=21.6km s-min=12.9km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, KURBB, etc.

FUNV 05 07:27:27.2-8.2, 24N:72.10W, h1km, MW3.8
RSNC 05 07:27:28.3-1.0, 8.44N:72.17W, h4km, 6km, ML3.1, Mw3.2
ISC 05 07:27:27.4-2.5, 8.36N:72.11W:0.03, h8km, 18km, n25, s1524/45, Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PAMC, OCAC, SOCV, etc.

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Table with columns: SMLC, San Martin de Barranca, Sant Barichara, Torrocco, Ariguani, Magd La Rusia, Curarigua, Sanarito, Zaragoza, Cauc Elorza, PUERTO BERRIO, Siquisque, San Pablo de B, Puerto Gaitan, Tolima. Includes columns for Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

ISC 05 07:27:49.1-1.4, 23.82N:122.29E, h0km, mb3.3/4,
mb1 3.6/4, mb1mx3.2/45, mbtmp3.3/4, Error ellipse: s-maj=101.3km s-min=25.9km az=76.0

JMA 05 07:27:54.1-0.2, 23.78N:122.04E, h25km, 4km, M3.3
ISC 05 07:27:50.7-1.0, 0.2372N:0.02122.18E:0.01, h13km, 7km, n149, s1505/249, mb3.4/4, CC-222, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HWA, ESL, EGFH, NACB, HGSD, ETLH, ENA, EHY, EYUL, EYUL, YULB, YULB, TWF1, TWC, WHF, VWDT, VWDT, FULB, CHKT, CHKT, CHGB, FUSS, JYNG, NNSB, NNSH, NNSH, NNS, YOJ, YOJ, TWT, NDT, ENT, ENT, TDCB, EDH, EDH.

TWE	Neicheng	1.10 335 eP	Pn	07 28 12.8 +0.9
TWE	baz=340	eS	Sg	07 28 25.6 -0.8
ILA	ilan	1.11 339 eP	Pn	07 28 13.6 +1.6
SSLB	Suanglung	1.13 274 P	Pb	07 28 12.5 +0.4
SSLB	baz=270	eS	Sg	07 28 25.9 -1.3
YUS	Yu-Shan	1.15 259 jIP	Pn	07 28 13.7 +0.7
YUS	baz=253	eS	Sg	07 28 26.2 -1.9
WPL	Puli Township	1.16 285 P	Pn	07 28 13.2 +0.5
WPL	baz=275	eS	Sb	07 28 26.4 -1.2
NTC	Toucheng	1.17 344 eP	Pg	07 28 14.7 +1.3
NTC	baz=359	eS	Sb	07 28 28.6 +0.5
SMLT	Sun Moon Lake	1.19 278 jIP	Pb	07 28 13.7 +0.6
SMLT	baz=275	eS	Sb	07 28 26.8 -1.7
DPDB	Guoxing	1.19 285 jIP	Pb	07 28 13.8 +0.6
DPDB	baz=277	eS	Sb	07 28 27.7 -0.8
ELDTW	Ludao	1.19 244 jIP	Pg	07 28 13.7 0.0
ELDTW	baz=237	eS	Sb	07 28 26.3 -2.4
YHNB	Yeheng	1.20 322 jIP	Pg	07 28 13.9 0.0
YHNB	baz=314	eS	Sb	07 28 27.2 -1.6
NSK	Sanguang	1.21 322 jIP	Pg	07 28 14.0 -0.1
NSK	baz=314	eS	Sb	07 28 27.3 -1.9
WHYT	Xinyi Township	1.22 269 eP	Pg	07 28 15.1 +0.9
NWLT	Wulai	1.22 330 eP	Pg	07 28 14.6 +0.3
NWLT	baz=322	eS	Sb	07 28 28.5 -1.0
TYC	Yuehr	1.23 279 jIP	Pb	07 28 14.3 +0.5
TYC	baz=276	eS	Sb	07 28 28.9 -0.6
LDUT	Ludao	1.23 212 eP	Pg	07 28 14.7 +0.2
LDUT	baz=205	eS	Sb	07 28 29.2 -0.4
WHP	Taichung City	1.26 296 eP	Pg	07 28 15.1 +0.1
WHP	baz=295	eS	Sb	07 28 30.9 +0.3
LONT	Longtian	1.26 230 eP	Pn	07 28 14.2 +0.1
LONT	baz=235	eS	Sb	07 28 30.1 -0.5
ALS	Alishan	1.28 261 jIP	Pg	07 28 15.9 +0.5
ALS	baz=266	S	Sb	07 28 30.4 -0.9
TIPB	Shuangxi	1.29 345 P	Pg	07 28 16.4 +0.8
TIPB	baz=357	eS	Sb	07 28 31.3 -0.1
TWB1	Santiao Chiao	1.29 352 eP	Pg	07 28 16.1 +0.4
TWB1	baz=358	eS	Sb	07 28 31.4 -0.2
WJS	Zhushan	1.33 275 eP	Pn	07 28 16.6 +0.1
WJS	baz=271	S	Sb	07 28 33.1 +0.4
TWGBT	Beinan	1.35 229 eP	Pn	07 28 15.8 +0.4
TWGBT	baz=233	eS	Sb	07 28 31.7 -1.6
TWG	Pinlang	1.36 229 eP	Pb	07 28 16.2 +0.1
TWG	baz=233	eS	Sb	07 28 31.5 -1.8
TWA	Mucha	1.37 337 eP	Pg	07 28 17.3 +0.2
TWA	baz=328	eS	Sb	07 28 33.2 -0.5
NHDH	Xindian Distri	1.38 334 eP	Pg	07 28 17.8 +0.6
NHDH	baz=325	eS	Sn	07 28 33.5 -0.2
WNT	Mingjian	1.38 277 eP	Pg	07 28 17.4 +0.1
WNT	baz=274	eS	Sn	07 28 33.8 -0.1
CHNS	Tsauling	1.38 265 jIP	Pg	07 28 17.6 +0.2
CHNS	baz=261	eS	Pb	07 28 34.4 +0.3
WNT1	Nantou City	1.39 278 eP	Pg	07 28 17.9 +0.5
WNT1	baz=275	eS	Sn	07 28 35.3 +1.3
NWF	Wu-fen Shan	1.39 345 eP	Pg	07 28 17.8 +0.2
NWF	baz=349	eS	Sb	07 28 34.1 -0.2
WFSB	Wu-fen Shan	1.39 345 eP	Pg	07 28 17.9 +0.3
WFSB	baz=349	eS	Sb	07 28 34.9 +0.5
WWF	Wufeng	1.40 284 eP	Pg	07 28 18.0 +0.5
WWF	baz=281	eS	Sn	07 28 34.8 +0.5
TATO	Taipei	1.40 333 eP	Pg	07 28 17.6 -0.1
TATO	baz=336	eS	Sn	07 28 33.7 -0.7
LIQB	Emei	1.41 311 jIP	Pg	07 28 17.9 +0.1
LIQB	baz=312	eS	Sn	07 28 33.9 -0.7
NSTT	Nanjuang	1.41 310 eP	Pb	07 28 17.6 +0.7
NSTT	baz=311	eS	Sn	07 28 33.0 -1.6
STYT	Tauyuan	1.42 247 eP	Pb	07 28 17.7 +0.6
STYT	baz=235	eS	Sn	07 28 34.0 -0.9
TWQ1	Liyutan	1.43 296 eP	Pb	07 28 18.2 +0.8
TWQ1	baz=295	eS	Sn	07 28 35.3 +0.1
BACT	New Taipei Cit	1.44 332 eP	Pb	07 28 17.8 +0.4
BACT	baz=335	eS	Sn	07 28 35.8 +0.5
TCU	Taichung	1.44 287 eP	Pg	07 28 18.8 +0.3
TCU	baz=285	eS	Sg	07 28 36.9 +1.5
TAP	Taipei	1.45 335 eP	Pg	07 28 18.3 -0.3
NSY	Sanyi	1.47 298 P	Pb	07 28 18.9 +0.9
NSY	baz=298	eS	Sn	07 28 35.7 -0.5
TNOU	National Taiwa	1.47 345 eP	Pg	07 28 18.6 -0.5
TNOU	baz=4.0	eS	Sn	07 28 35.5 -0.6
TPUB	Ta-pu	1.48 254 P	Pg	07 28 19.2 -0.1
TPUB	baz=241	eS	Sn	07 28 37.3 +0.8
WGK	Gukeng	1.48 269 eP	Pb	07 28 18.9 +0.7
WGK	baz=265	eS	Sb	07 28 37.4 +1.0
HSN1	Hsinchu	1.50 315 eP	Pb	07 28 18.6 +0.2
HSN1	baz=316	eS	Sn	07 28 37.4 +0.7

WDLH	Douliu	1.51 269 eP	Pb	07 28 19.2 +0.6	
WDLH	baz=266	eS	Sn	07 28 36.1 -0.9	
NMLH	Miaoili	1.51 303 eP	Pb	07 28 19.0 +0.4	
NMLH	baz=290	eS	Sg	07 28 37.6 +0.6	
NTY	Taoyuan	1.51 328 eP	Pg	07 28 19.2 -0.5	
NTY	baz=322	eS	Sn	07 28 37.7 +0.7	
WTP	Ta-pu	1.51 252 P	Pg	07 28 19.7 -0.2	
WTP	baz=247	S	Sg	07 28 38.1 +0.9	
HATJ	Hateruma jima	1.52 77 P	Pg	07 28 21.4 -0.6	
HATJ	baz=247	eS	Sg	07 28 41.5 +1.7	
YMO1	YMO1	1.53 339 eP	Pn	07 28 18.3 +0.5	
YMO1	baz=356	eS	Sn	07 28 36.1 -1.5	
SBCB	Hsinchu	1.53 315 eP	Pb	07 28 19.7 +0.7	
SBCB	baz=315	eS	Sg	07 28 37.8 +0.3	
WCHH	Zhanghua	1.53 284 eP	Pg	07 28 20.0 -0.1	
WCHH	baz=281	eS	Sn	07 28 38.1 +0.6	
YMO10	YMO10	1.54 339 eP	Pb	07 28 19.2 +0.1	
YMO10	baz=356	eS	Sn	07 28 37.2 -0.6	
NCUH	Zhongji	1.54 324 eP	Pb	07 28 19.4 +0.3	
NCUH	baz=326	eS	Sg	07 28 37.0 -0.9	
NCU	National Centr	1.54 324 eP	Pb	07 28 19.4 +0.2	
NCU	baz=326	eS	Sn	07 28 37.5 -0.3	
TWS1	Kuangyinshan	1.54 333 eP	Pb	07 28 19.5 +0.3	
TWS1	baz=336	eS	Sg	07 28 37.7 -0.1	
WDJ	Dajia District	1.54 294 eP	Pb	07 28 19.3 +0.2	
WDJ	baz=293	eS	Sn	07 28 38.2 +0.4	
YMO11	YMO11	1.54 339 eP	Pb	07 28 19.5 +0.3	
YMO11	baz=357	eS	Sn	07 28 37.6 -0.4	
IRIF	Iriomote-Funau	1.54 66 P	Pg	07 28 21.9 +1.5	
IRIF	baz=357	eS	Sg	07 28 41.9 +1.4	
YMO5	YMO5	1.54 339 eP	Pb	07 28 19.4 +0.1	
YMO5	baz=356	eS	Sn	07 28 37.0 -1.0	
HSN	Hsinchu	1.54 315 P	Pb	07 28 19.6 +0.4	
HSN	baz=317	eS	Sg	07 28 37.7 -0.2	
YMO4	YMO4	1.54 338 eP	Pb	07 28 19.6 +0.3	
YMO4	baz=330	eS	Sn	07 28 36.6 -1.3	
YMO8	YMO8	1.56 340 eP	Pb	07 28 19.7 +0.2	
YMO8	baz=357	eS	Sg	07 28 36.8 -1.5	
YMO3	YMO3	1.57 338 eP	Pg	07 28 20.2 -0.7	
CHN2	Minshiang	1.58 264 eP	Pg	07 28 20.9 -0.1	
CHN2	baz=260	eS	Sn	07 28 39.6 +0.9	
ANP	Anpu	1.58 338 iP	Pg	07 28 20.4 -0.7	
ANP	baz=341	eS	Pb	07 28 20.4 +0.4	
NTST	Danshui	1.58 335 eP	Pg	07 28 20.4 +0.4	
NTST	baz=338	eS	Pg	07 28 21.2 0.0	
SLGT	Liugui	1.58 243 eP	Pg	07 28 21.2 0.0	
SLGT	baz=231	eS	Pb	07 28 20.3 +0.3	
ECL	Taimali	1.59 226 eP	Pb	07 28 20.3 +0.3	
ECL	baz=220	eS	Sn	07 28 36.6 -2.4	
SGST	Jieshian	1.60 247 eP	Pb	07 28 20.7 +0.6	
SGST	baz=232	eS	Sn	07 28 40.7 +1.4	
CHN1	Nanshi	1.61 251 eP	Pg	07 28 21.7 0.0	
CHN1	baz=247	eS	Sn	07 28 41.0 +1.4	
TWK	Hsiyung	1.62 254 eP	Pg	07 28 21.3 +0.8	
TWK	baz=250	eS	Sb	07 28 41.9 +1.0	
SNST	Tainan City	1.62 252 eP	Pb	07 28 21.5 +0.9	
SNST	baz=248	eS	Sn	07 28 41.1 +1.2	
CHY	Chiayi	1.63 263 eP	Pb	07 28 21.6 +0.9	
CHY	baz=259	eS	Sg	07 28 40.4 +0.5	
TWY	Chenhua	1.64 341 eP	Pb	07 28 20.8 0.0	
TWY	baz=344	eS	Sn	07 28 40.6 +0.4	
WTK	Tuku	1.64 269 eP	Pb	07 28 21.4 +0.5	
WTK	baz=266	eS	Sn	07 28 41.8 +1.4	
RLNB	Erin	1.68 276 eP	Pg	07 28 21.3 -0.1	
RLNB	baz=274	eS	Pg	07 28 23.4 -0.4	
SSD	Sandimen	1.72 236 eP	Pg	07 28 24.4 +0.3	
SSD	baz=223	eS	Pg	07 28 24.9 +0.6	
JKRS	Kuro-shima	1.75 73 P	Pg	07 28 47.8 +0.7	
JKRS	baz=221	eS	Sg	07 28 23.3 +0.4	
SCST	Cishan	1.76 242 eP	eS	Sb	07 28 45.6 +0.7
SCST	baz=226	eS	Pb	07 28 23.0 -0.1	
LAY	Lan-yu	1.77 199 eP	Pb	07 28 23.0 -0.1	
LAY	baz=194	eS	Sn	07 28 41.7 -1.9	
ICHU	Yijhu	1.78 259 eP	Pb	07 28 23.2 -0.1	
ICHU	baz=255	eS	Sn	07 28 44.5 +0.7	
WSF	Szhu	1.80 268 eS	Sn	07 28 45.5 +1.4	
MASB	Mashuluo	1.80 233 eP	Pb	07 28 23.6 0.0	
MASB	baz=221	eS	Pn	07 28 22.4 +0.7	
EAST	Anshuo	1.81 223 eP	Pn	07 28 24.2 -0.2	
EAST	baz=218	eS	Pg	07 28 26.4 -0.9	
CHN8	Yijhu	1.85 259 eP	Pb	07 28 24.9 -2.3	
CHN8	baz=255	eS	Sg	07 28 24.6 +0.8	
JJJ	Ishigaji jima	1.90 70 P	Pg	07 28 27.0 +0.6	
JJJ	baz=216	S	Sg	07 28 29.3 -2.3	
SLIU	Shizi	1.96 221 eP	Pb	07 28 24.6 -0.3	
SLIU	baz=216	eS	Pb	07 28 29.3 -2.3	
SCZT	Fangliu	1.97 227 eP	Pb	07 28 27.0 +0.6	
SCZT	baz=220	eS	Pg	07 28 29.3 -2.3	
JISG	Ishigakijimahi	2.13 66 P	Pb	07 28 54.5 -1.0	
JISG	baz=232	eS	Pn	07 28 30.9 +1.2	
PHUB	Peng-hu	2.40 266 eP	Pn	07 28 31.3 +1.3	
PHUB	baz=264	eS	Pb	07 28 34.5 -0.6	
PNG	Penghu	2.41 267 eP	Pn	07 28 04.1 -1.5	
PNG	baz=264	eS	Pn	07 28 33.6 +1.4	
JTJ	Tarama	2.48 68 P	Pb	07 28 35.2 +0.1	
JTJ	baz=241	S	Pn	07 28 35.2 +0.1	
VCHM	Qimei	2.58 259 eP	Pn	07 28 35.2 +0.1	
VCHM	baz=256	eS	Pb	07 28 40.6 -2.5	
VWUC	VWUC	2.79 297 eP	Pn	07 28 16.3 -2.7	
VWUC	baz=297	eS	Pb	07 28 16.3 -2.7	
PTTC	PTTC	2.82 309 eP	Pn	07 28 16.3 -2.7	
PTTC	baz=310	eS	Pb	07 28 16.3 -2.7	
JIRB	Irabujima	2.94 67 P	Pb	07 28 16.3 -2.7	
JIRB	baz=310	S	Pb	07 28 16.3 -2.7	

JMJ	Miyako jima 2	3.04 68 eP	Pb	07 28 42.9 -1.9
JMJ	baz=81	eS	Sb	07 28 17.6 -4.3
JJKM	Ikemajima	3.04 66 eS	Sb	07 28 18.7 -3.3
JMJ2	Miyako jima3	3.05 70 eS	Sb	07 28 18.7 -3.3
PTMZ	Houxiangcun	3.08 296 eP	Pb	07 28 39.2 +0.1
MATB	Ma-tsu	3.16 320 eP	Pn	07 28 39.8 -0.4
MSUT	Lienchiang	3.19 320 eP	Pn	07 28 40.5 -0.1
MSUT	baz=321	eS	Pn	07 28 46.5 +1.7
KNM	Kimmen	3.50 282 eP	Pn	07 28 45.5 0.0
KNMB	Chin-men Tao	3.54 283 eP	Pn	07 28 45.5 0.0
KNMB	baz=280	eS	Pn	07 28 45.9 0.0
LYJJ	Lianjiangzhen	3.57 323 eP	Pn	07 28 46.8 -0.4
LYJJ	baz=324	eS	Pn	07 28 46.8 -0.4
XPSS	Dashiqiu	3.67 331 eP	Pn	07 28 47.2 +1.6
XPSS	baz=332	eS	Pn	07 28 52.1 +0.1
MHZO	Yeshan	3.71 310 eP	Pn	07 28 52.1 +0.1
MHZO	baz=311	eS	P	07 33 33.8 -0.1
AXDP	Jialang	4.02 288 eP	Pn	08 21 00.2
AXDP	baz=287	eS	T	08 21 05.6
SONM	Songino Array	27.15 336 P	P	08 21 04.6
SONM	0.6m,0.6s,slow=153,slow=11,SNR=6.4		T	08 21 09.8
H1N1	WAKE ISLAND Hy 41.60	87 T	T	08 21 12.2
H1N1	baz=288	eS	T	08 21 26.5
H1N2	WAKE ISLAND Hy 41.60	87 T	T	07 36 06.4 +0.4
H1N2	baz=288	eS	P	07 36 34.3 +1.1
H1N3	WAKE ISLAND Hy 41.62	87 T	T	07 40 15.3 -0.3
H1N3</				

5d 7h

Table with columns: MSWZ, Moikau Station, 2.96 188, P, Pn, 07 40 12.0 -2.0, etc.

ATH 05 07:39:28.0, 36.71N-27.39E, h41km, 10km, ML3.0/2, Error ellipse: s-maj=14.5km s-min=1.8km az=224.0

DDA 05 07:39:27.2, 36.73N-27.47E, h7km, 2km, ML2.5

ISK 05 07:39:27.7, 36.79N-27.44E, h6km, ML2.7/14

ISC 05 07:39:28.2, 1.0, 36.77N, 0.003, 27.46E, 0.03, h11km, 9km, n25, 05/57/40, Dodecanese Islands

Main table of station data for the Dodecanese Islands region, including stations like DUTC, BDRM, NISR, etc.

DJA 05 07:41:06.0, 0.9, 12.8'S-81.14E, h17km, 12km, M4, 1/11, mb4.1/2, MLV4, 1/11

IDD 05 07:41:09.7, 2.4, 11.19'S-115.79E, h0km, mb3.6/4, mb1.3/9.6, mb1mx3.5/49, mbtmp3.6/6, ML3.6/2, Error ellipse: s-maj=110.1km s-min=20.7km az=48.0

ISC 05 07:41:03.9, 1.3, 1.83'S-109.114, 39E, 0.08, h35km, n14, 01/22/16, mb3.5/4, South of Bali

Table of station data for the South of Bali region, including stations like DNPJ, JAGI, SRBI, etc.

UPA 05 07:42:50.7, 4.2, 5.29N-82.80W, h2km, 29km, MW4.3

IDD 05 07:42:52.0, 0.8, 5.21N-82.62W, h0km, mb4.0/10, mb1.4/3/13, mb1mx4.1/21, mbtmp4.1/13, ML3.3/3, MS3.9/19, Ms1.3/9/19, ms1mx3.7/34, Error ellipse: s-maj=32.3km s-min=15.0km az=58.0

NEIC 05 07:42:53.6, 2.0, 5.28N-0.04-82.67W, 0.07, h10km, 1km, mb4.6/45, Error ellipse: s-maj=173.5km s-min=2.9km az=240.0

UCR 05 07:42:53.7, 1.3, 5.51N-82.73W, h0km, 61km, MW4.2, mb4.6(NEIC)

GCMT 05 07:42:58.6, 0.2, 5.22N-0.01-82.56W, 0.02, h19km, 1km, MW4.9/101, Moment Tensor Solution. s27, c28; s101, c133; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=0.18; M1=0.09; M2=0.09; M3=0.28; T1; M4=0.46; 20; M5=2.80; 09; M6=0.33; 19; Best double cov: M2, 8.4400x10^16 NPT1: 178.00000, 681.00000,

55 FEB

lambda-179.00000 degrees, NP2: 28.88, 00000 degrees, 889.00000 degrees, lambda-9.00000 degrees, Principal axes: T 2.9380, P1g.0000, Azm133.0000; N -0.1880, P1g1.0000, Azm264.0000; P -2.7500, P1g7.0000, Azm43.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 07:42:53.1, 0.4, 5.28N, 0.04-82.61W, 0.05, h10km, n169, 01564/157, mb4.5/25, MS4.0/16, 13C-8D, South of

Main table of station data for the South of Bali region, including stations like CACAO, GMAL, CHIRI, etc.

Main table of station data for the Venezuela region, including stations like TXAR, LCAR, T45A, SIUC, etc.

IDD 05 07:46:55.3, 1.2, 15.06S-176.86W, h0km, mb4.2/11,

mb1 4.5/11, mb1mx4.2/40, mbtmp4.2/11, MS3.7/21, Ms1 3.7/21, ms1mx3.6/42, Error ellipse: s-maj=66.1km s-min=18.6km az=148.0, NEIC 05 07:46:56.0, 0.7, 15.0S, 0.1x1.77, 1W, 0.1, h10km, 1km, mb4.7/45, Error ellipse: s-maj=25.3km s-min=17.4km az=152.0

ISC 05 07:46:59.0, 0.6, 15.1S, 0.1x1.77, 1W, 0.1, h35km, n97, s1501/68, mb4.6/33, MS3.8/21, Fiji Islands region

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

Table with columns: ILAR, Eielson Array, 82.88 13 P P, 07 59 20.5 +0.1. Lists seismic events with station names and coordinates.

ISC 05 08:12:05.8, 51.0, 16.59S, 178.61W, h0km, mb3.8/3, mb1 4.0/5, mb1mx3.6/42, mbtmp3.8/3, Error ellipse: s-maj=93.1km s-min=163.0km az=77.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Fiji Islands region.

RSNC 05 08:18:56.7, 1.4, 8.42N, 72.16W, h0km, 8km, ML3.3, Mw3.9. FUNV 05 08:18:56.4, 2.7, 1.0, 8.30N, 72.14W, h4km, 5km, ML3.4. IDC 05 08:18:58.4, 2.7, 8.38N, 72.05W, h35km, 29km, mb3.1/2, mb1 3.6/4, mb1mx3.3/27, mbtmp3.5/4, ML2.7/2, Error ellipse: s-maj=42.5km s-min=14.4km az=136.0

ISC 05 08:18:55.3, 1.2, 8.34N, 0.03, 72.12W, 0.02, h6km, 9km, n36, s1574/62, 1C, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Venezuela region.

NNC 05 09:01:30.9, 4.3, 53.83N, 90.59E, h0km, mb3.7, mpv3.4, 8C-6D, Error ellipse: s-maj=32.1km s-min=24.1km az=54.0, Suspected Mining explosion, Southwestern

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the mining explosion region.

comp=2.0, 3nm, 0.6s, baz=126, slow=7.3, SNR=7.9. WRA Warramunga Arr 151.92, 243 PKPbc PKPdf 08 38 49.8 -2.5

FUNV 05 08:34:46.5, 8.22N, 72.11W, h1km, MW3.9. RSNC 05 08:34:47.3, 1.0, 8.30N, 72.14W, h4km, 5km, ML3.4. IDC 05 08:34:48.4, 2.2, 8.37N, 72.02W, h35km, 22km, mb3.3/6, mb1 3.7/7, mb1mx3.5/26, mbtmp3.5/7, ML2.4/1, Error ellipse: s-maj=25.4km s-min=15.1km az=129.0

ISC 05 08:34:45.4, 1.2, 8.33N, 0.03, 72.12W, 0.02, h4km, 9km, n40, s1576/67, mb3.5/6, 1C-1D, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Venezuela region.

NNC 05 09:01:30.9, 4.3, 53.83N, 90.59E, h0km, mb3.7, mpv3.4, 8C-6D, Error ellipse: s-maj=32.1km s-min=24.1km az=54.0, Suspected Mining explosion, Southwestern

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the mining explosion region.

PGC 05 09:18:24.9-0.0,50.52N,130.23W,h10km,MLSn2,9/17,
Mw3.5/17,Mw3.3/18,199km west of Pt. Hardy, Bc
Vancouver Island, Canada Region, Vancouver Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like HOLB Holberg, PHC Port Hardy, MCB Maynard, etc.

FUNV 05 09:45:59.7,8.26N,72.09W,h5km,MW3.3
RSNC 05 09:45:59.5-1.1,8.44N,72.15W,h4km,6km,ML2.3
ISC 05 09:45:57.8-1.5,8.33N,0.03:72.12W:0.03,h2km13km,
n14,0156/28,Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like PAMC Pamplona, OCAC Ocana, SDV Santo Domingo, etc.

IDC 05 10:13:36.1-1.7,2.71N,89.33E,h0km,mb3.4/4,mb1.4/0.5,
mb1mx3.6/37,mbmp3.5/9,ML3.6/1,MS3.4/3,MS1.3/4.3,
ms1mx2.7/49,Error ellipse: s-maj=61.7km s-min=25.9km
az=52.0

ISC 05 10:13:37.1-1.1,2.7N,0.3:89.2E:0.2,h10km,n11,0504/6,
mb4/0.4,North Indian Ocean

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like PALK Palekele, PALK Prapat, H01W3 Cape Leeuwin, etc.

IDC 05 10:36:54.0-3.4,36.55N,71.36E,h162km,27km,mb3.2/5,
mb1.3/1.1,mb1mx3.0/51,mbmp3.7/10,Error ellipse:
s-maj=33.1km s-min=20.7km az=71.0

NNC 05 10:37:00.7-4.5,37.09N,71.10E,h156km,65km,mb2.8,
mpv3.5,Error ellipse: s-maj=37.4km s-min=25.9km
az=22.0

ISC 05 10:36:54.0-0.7,36.71N,0.06:71.33E:0.07,h150km,n26,
02:14/35,mb3.5/6,6C-4D,Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like THN Thein Dam, DHRM DHARAMSHALA, etc.

Table with columns: DHRM, IAML, Time, Res, ISC. Lists stations like AAK Ala-Archa, AAK Karatay Array, KK31 Karatay Array, etc.

NNC 05 10:43:24.1-2.1,52.17N,75.49E,h0km,mb2.7,mpv2.3,
Error ellipse: s-maj=54.5km s-min=11.8km az=28.0,
Suspected Mining explosion.

IDC 05 10:43:28.2-5.7,51.75N,75.59E,h0km,mb1.2/7.1,
mb1mx2.5/38,mbmp2.7/1,ML1.9/1,Error ellipse:
s-maj=43.7km s-min=29.8km az=83.0

ISC 05 10:43:19.4-1.3,52.32N,0.1:75.69E:0.08,h0km,n9,
0517/1,6C-1D,Eastern Kazakhstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like KURK Kurchatov, KURB Kurchatov Arra, etc.

IDC 05 11:01:47.0-1.6,36.36N,69.61E,h0km,mb3.5/6,
mb1.3/7.9,mb1mx3.4/51,mbmp3.6/9,ML3.4/3,MS2.6/2,
Ms1.2/6.2,ms1mx2.2/44,Error ellipse: s-maj=29.3km
s-min=20.1km az=140.0

NNC 05 11:01:53.3-5.9,36.61N,69.12E,h61km,156km,mb3.7,
mpv3.8,Error ellipse: s-maj=47.2km s-min=36.2km
az=161.0

ISC 05 11:01:53.8-1.2,36.61N,0.10:69.21E:0.09,h43km,n21,
01963/26,mb3.4/5,5C-5D,Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like AML Almayashu, KK31 Karatay Array, UCH Uchto, etc.

ISC 05 11:30:56.2-1.5,8.48N,72.35W,h0km,mb3.3/1,mb1.3/7.3,
mb1mx3.4/36,mbmp3.6/3,ML2.3/1,Error ellipse:
s-maj=46.4km s-min=34.5km az=124.0

FUNV 05 11:30:59.8,8.23N,72.14W,h3km,7km,ML3.2
RSNC 05 11:30:59.4-1.8,8.34N,72.14W,h3km,7km,ML3.2
ISC 05 11:30:57.4-1.2,8.37N,0.03:72.13W:0.03,h6km,9km,n28,
0151/48,1C-2D,Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like PAMC Pamplona, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like ZALV Zalesovo Beam, AKASO Main Array, etc.

IDC 05 11:19:17.7-2.7,8.22N,72.09W,h21km,20km,mb3.2/3,
mb1.3/6.6,mb1mx3.4/43,mbmp3.6/6,ML3.1/3,MS3.2/1,
Ms1.3/2.1,ms1mx2.6/20,Error ellipse: s-maj=30.2km
s-min=14.8km az=137.0

FUNV 05 11:19:18.4,8.19N,72.09W,h5km,MW3.3
RSNC 05 11:19:18.1-1.6,8.35N,72.13W,h0km,5km,ML3.2
ISC 05 11:19:16.9-1.2,8.35N,0.03:72.10W:0.02,h9km,8km,n39,
0182/68,mb3.5/3,2C-2D,Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like PAMC Pamplona, OCAC Ocana, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like HMT Hamilton, BMRM Bremner River, BPAW Bear Paw Mtn, etc.

NEIC 05 12:14:29.7±1.8, 5.735N±0.07, 148.90W±0.09, h16km, 5km, Error ellipse: s-maj=10.9km s-min=6.0km az=160.0

IDD 05 12:14:29.3±0.9, 5.725N±1.48, 71W, h0km, mb3.6/12, mb1 3.0/17, mb1 mx3, 7/10, mbtmp3, 7/17, ML3.4/5, MS3.1/9, Ms1 3.2/9, ms1 mx3, 19/43, Error ellipse: s-maj=19.7km s-min=13.9km az=151.3

AEIC 05 12:14:32.1±2.5, 28N±0.08, 148.84W±0.08, h8km, 5km, ML3.7, ML3.9/70(NEIC), Error ellipse: s-maj=12.1km s-min=5.5km az=162.0

ISC 05 12:14:30.2±0.6, 57.35N±0.06, 148.82W±0.04, h10km, n170, s154/143, mb3.7/13, MS3.0/5, Gulf of Alaska

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations including Kodiak Island, Old Harbor, Middleton Isls, etc.

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations including CROM Cirque, PS12 TAPS Pump St12, MESA MESA, etc.

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations including ZALV Zalesovo Beam, FINES FINES Array B, MKAR Makanchi Array, etc.

D58A	Chemin du LacG	151.16 335	P	PKPbc	13 52 47.1 -0.9
F61A	St Evariste	151.25 331	P	PKPbc	13 52 47.9 -0.2
G63A	Kingsbury	151.26 329	P	PKPbc	13 52 47.8 -0.4
DGMT	Dagmar	151.26 19	P	PKPbc	13 52 48.1 -0.1
DGMT	Dagmar	151.26 19	P	PKPbc	13 52 48.1 -0.1
QLMT	Earthquake Lak	151.30 32	P	PKPbc	13 52 49.7 +0.5
ULM	Lac du Bonnet	151.37 7	PKPbc	13 52 47.3 -1.0	
H64A	Troy	151.41 327	P	PKPbc	13 52 47.9 -0.6
YHL	Hedgen Lake	151.41 32	PKIKP	13 52 49.7 +0.2	
GCMT	Greycliff	151.42 29	PKIKP	13 52 48.9 +0.1	
YHB	Yorke Butte	151.47 32	PKIKP	13 52 50.2 +0.7	
VHH	Holmes Hill	151.61 32	PKPdf	13 52 44.7 +1.4	
G62A	West of Eustis	151.62 330	P	PKPbc	13 52 48.6 -0.4
YMR	Madison River	151.65 32	PKIKP	13 52 50.6 +0.7	
WVL	Waterville	151.68 328	PKPbc	13 52 48.8 -0.3	
F60A	Warwick	151.68 332	P	PKPbc	13 52 48.6 -0.6
YNR	Norris Junction	151.75 32	PKIKP	13 52 51.4 +1.2	
ELK	Elko	151.78 43	PKIKP	13 52 50.4 +0.1	
ELK	Elko	151.78 43	PKIKP	13 52 50.4 +0.1	
TPH	Topopah	151.83 49	PKIKP	13 52 50.8 +0.4	
TPH	Topopah	151.83 49	PKIKP	13 52 50.8 +0.4	
YNE	Yellowstone No	151.85 30	PKIKP	13 52 51.0 +0.7	
VLD0	Val d'Or	151.87 342	PKPbc	13 52 49.0 -0.5	
CWC	Cottonwood Cre	151.91 53	PKIKP	13 52 50.5 -0.1	
E58A	La Victoria	151.91 334	P	PKPbc	13 52 49.0 -0.6
ISA	Isabella, Lake	151.91 55	P	PKPbc	13 52 50.2 +0.1
ISA	Isabella, Lake	151.91 55	PKIKP	13 52 50.5 0.0	
ISA	Isabella, Lake	151.91 55	PKIKP	13 52 50.5 0.0	
D56A	ZEC Mazanza, M	151.91 337	P	PKPbc	13 52 49.0 -0.6
YPP	Pitchstone Pla	152.01 32	PKIKP	13 52 52.0 +1.2	
G61A	St-Isidore-de-	152.03 331	P	PKPbc	13 52 49.2 -0.7
H17A	Grant Village	152.03 32	PKIKP	13 52 51.3 +0.6	
H17A	Grant Village	152.03 32	PKIKP	13 52 52.0 +1.3	
RLMT	Red Lodge	152.11 29	PKPbc	13 52 50.6 +0.1	
RLMT	Red Lodge	152.11 29	PKIKP	13 52 51.0 +0.2	
RLMT	Red Lodge	152.11 29	PKPab	13 52 50.3 -0.6	
LAO	LASA Array	152.12 24	PKIKP	13 52 50.8 +0.3	
F59A	Saint Guillaume	152.12 333	P	PKPbc	13 52 48.7 -1.4
I64A	Boothbay	152.13 327	P	PKPbc	13 52 49.4 -0.8
D55A	Sainte-Anne-du	152.19 338	P	PKPbc	13 52 49.8 -0.5
FLWY	Flagg Ranch	152.20 32	PKIKP	13 52 51.9 +0.9	
GRAC	Grapevine Rang	152.20 51	P	PKIKP	13 52 51.1 0.0
E57A	Chemin Saint G	152.22 336	P	PKPbc	13 52 49.8 -0.6
MOQ	Mont Orford	152.33 332	PKPbc	13 52 50.3 -0.4	
H62A	Milan	152.40 330	P	PKPbc	13 52 50.5 -0.4
MOOV	Moose Ponds	152.42 33	PKIKP	13 52 51.6 +0.1	
E56A	St. Veronique	152.44 337	P	PKPbc	13 52 50.4 -0.5
MPMC	Manual Prospec	152.50 53	P	PKIKP	13 52 52.1 +0.2
G63A	Otisfield	152.51 328	P	PKPbc	13 52 50.7 -0.3
I60A	Masonville	152.53 332	P	PKIKP	13 52 51.5 +0.1
TRQ	Mont Tremblant	152.53 336	PKPbc	13 52 50.4 -0.1	
EDW2	Edwards Air Fo	152.56 56	PKIKP	13 52 52.2 +0.4	
LRM0	Laurel Mtn Rad	152.58 54	P	PKIKP	13 52 52.2 +0.3
L0HW	Long Hollow	152.59 33	PKIKP	13 52 52.0 +0.2	
REDW	Red Top Meadow	152.64 34	PKIKP	13 52 50.0 0.0	
HVU	Hansel Valley	152.65 38	PKIKP	13 52 45.7 +1.0	
HVU	Hansel Valley	152.65 38	PKIKP	13 52 45.7 +1.0	
MWC	Mount Wilson	152.73 57	PKIKP	13 52 53.5 +1.1	
MWC	Mount Wilson	152.73 57	PKIKP	13 52 53.5 +1.1	
H61A	Lyndonville	152.78 330	P	PKPbc	13 52 51.5 -0.2
F10A	Furnace Creek,	152.79 52	P	PKIKP	13 52 52.0 -0.1
R19A	Troy Canyon, C	152.83 47	PKIKP	13 52 52.7 +0.3	
R11A	Troy Canyon, C	152.83 47	PKPdf	13 52 46.0 +0.9	
LBNH	Lisbon	153.01 330	P	PKPbc	13 52 51.9 -0.3
TPNV	Topopah Spring	153.03 50	PKIKP	13 52 53.3 +0.4	
MPND	Madock	153.06 14	PKPbc	13 52 51.5 -0.7	
MDND	Madock	153.06 14	PKPbc	13 52 51.9 -0.3	
MDND	Madock	153.06 14	PKPab	13 53 03.0 -0.5	
G58A	Ormstown	153.22 334	P	PKPbc	13 52 51.9 -0.7
AGMN	Agassiz Nation	153.29 8	P	PKPbc	13 52 51.6 -1.1
AGMN	Agassiz Nation	153.29 8	PKPbc	13 52 51.9 -0.8	
AGMN	Agassiz Nation	153.29 8	PKPab	13 53 03.2 -1.2	
GSC	Goldstone, Bar	153.31 54	PKIKP	13 52 53.4 0.0	
GSC	Goldstone, Bar	153.31 54	PKIKP	13 52 54.4 +1.0	
GSC	Goldstone, Bar	153.31 54	PKPab	13 53 03.5 -1.7	
J63A	Strafford	153.32 328	P	PKPbc	13 52 52.6 -0.3
SPR3	Spring Creek 3	153.33 45	PKIKP	13 52 54.1 +0.4	
B30A	Bob, Littlelor	153.45 5	PKIKP	13 52 52.5 -0.5	
H53A	Shoshone, Teco	153.46 53	P	PKIKP	13 52 53.3 +0.0
H59A	Cadyville	153.48 333	P	PKPbc	13 52 52.4 -0.8
DUG	Dugway, Tooele	153.61 41	PKIKP	13 52 54.3 +0.4	
DUG	Dugway, Tooele	153.61 41	PKIKP	13 52 54.7 +0.7	
DUG	Dugway, Tooele	153.61 41	PKIKP	13 52 54.7 +0.7	
MURC	Murrieta	153.62 58	P	PKPbc	13 52 53.8 -0.2
PRN	Patrol Range	153.66 49	PKIKP	13 52 55.5 +1.4	
J62A	Henniker	153.72 328	P	PKPbc	13 52 52.8 -1.0
BW06	Boulder Array	153.72 33	P	PKPbc	13 52 53.1 -1.1
PDAR	Pinedale Array	153.73 33	PKPbc	13 52 42.5 -3.8	
PDAR	Pinedale Array	153.73 33	PKPbc	13 52 53.4 -0.8	
TCUT	Toone Canyon	153.86 38	PKIKP	13 52 55.4 +0.8	
L0NY	Lake Ozonia	153.87 334	P	PKPbc	13 52 53.6 -0.5
L0NY	Lake Ozonia	153.87 334	PKPbc	13 52 53.9 -0.2	
PSUT	Pine Spring	153.89 45	PKIKP	13 52 55.8 +1.1	
K63A	Dunstable	153.97 327	P	PKPbc	13 53 07.8 +0.2
ALGO	Algonquin Park	153.98 340	P	PKPbc	13 52 53.5 -0.7
J61A	Chester	153.98 329	P	PKPab	13 53 07.8 +0.2
EYMN	Ely	153.99 2	PKPbc	13 52 53.5 -0.8	
EYMN	Ely	153.99 2	PKPbc	13 52 54.1 -0.2	
EYMN	Ely	153.99 2	PKPab	13 53 06.6 -0.9	
HRV	Adam Dzewonski	154.12 327	P	PKPab	13 53 08.3 +0.1
JLU	Jordanelle	154.17 39	PKPab	13 53 09.1 +0.2	
PFO	Pinyon Flats O	154.19 58	P	PKPab	13 53 08.4 -0.7
TPFO	Pinyon Flats	154.20 58	P	PKPab	13 53 08.3 -0.8
NLU	North Lily Min	154.20 41	PKPab	13 53 09.2 +0.2	
GMRC	Granite Mounta	154.37 54	P	PKPab	13 53 08.8 -1.0
BEUC	Belle Mtn. Jos	154.41 56	P	PKPab	13 53 09.4 -0.6

MPU	Maple Canyon	154.43 40	PKPab	13 53 09.9 -0.1	
G54A	Lake Saint Pet	154.49 340	P	PKPab	13 53 09.5 -0.2
M64A	Thorton	154.62 325	P	PKPab	13 53 10.3 -0.1
L61B	Northampton	154.72 328	P	PKPab	13 53 10.4 -0.4
TRCU	Three Creeks R	154.77 44	PKIKP	13 52 59.3 +2.7	
J59A	Therese	154.77 332	P	PKPab	13 53 10.3 -0.7
K61A	Williamstown	154.84 329	P	PKPab	13 53 10.8 -0.5
I57A	Williamstown	154.87 334	P	PKPab	13 53 11.1 -0.2
BC3	Big Chuckawall	154.96 57	P	PKPab	13 53 11.7 -0.7
MVU	Marysvalde	154.98 44	PKIKP	13 52 58.9 +2.0	
MSU	Marysvalde	155.00 44	PKPab	13 53 12.9 +0.4	
MSU	Marysvalde	155.00 44	PKPab	13 53 12.9 +0.4	
IRM	Iron Mountain	155.01 55	P	PKPab	13 53 12.0 -0.4
E46A	Sault Ste Mari	155.10 350	PKPdf	13 52 56.1 +8.3	
E46A	Sault Ste Mari	155.10 350	PKPab	13 53 11.0 -1.2	
RSSD	Black Hills	155.11 24	P	PKPab	13 53 11.6 -1.1
RSSD	Black Hills	155.11 24	PKP2	PKPab	13 53 12.3 -0.4
RSSD	Black Hills	155.11 24	PKPab	13 53 12.3 -0.4	
TRM	Trail Mountain	155.14 41	PKPab	13 53 14.1 -1.0	
MTPU	Mount Pleasant	155.26 45	PKPab	13 53 14.3 +0.5	
K22A	Casper	155.28 29	P	PKPab	13 53 12.4 -1.0
P17A	Butcher Ranch,	155.31 40	P	PKPab	13 53 13.8 +0.1
H55A	Bobcaygeon	155.38 340	P	PKPab	13 53 12.9 -0.6
M62A	Hambden	155.58 327	P	PKPab	13 53 14.6 +0.2
F33A	5 Mile Ranch,	155.62 10	PKPab	13 53 13.8 -0.7	
GLA	Glamis	155.67 58	P	PKPab	13 53 14.3 -1.0
GLA	Glamis	155.67 58	PKP2	PKPab	13 53 16.1 +0.8
GLA	Glamis	155.67 58	PKPab	13 53 16.1 +0.8	
SRU	San Rafael Swe	155.67 41	PKP2	PKPab	13 53 15.0 -0.2
PV22	San Rafael Swe	157.07 40	PKPab	13 53 15.0 -0.3	
PDMCI	Parker Dam,Lak	155.71 54	P	PKPab	13 53 15.4 +0.1
K58A	Earville	155.83 333	P	PKPab	13 53 15.2 -0.4
U15A	North Rim	156.06 48	PKPab	13 53 16.5 -0.6	
O20A	White River Ci	156.30 36	P	PKPab	13 53 16.2 -1.7
SUSD	Miller	156.41 16	P	PKPab	13 53 17.2 -0.8
SUSD	Miller	156.41 16	PKPab	13 53 17.5 -0.5	
G40A	Rib Lake	156.69 360	PKPab	13 53 18.0 -1.1	
LV23	Carpenter Ridg	157.00 40	PKPab	13 53 21.0 -0.1	
PV10	Paradox Valley	157.03 40	PKPab	13 53 21.8 +0.6	
PV14	Lion Creek, Pa	157.04 40	PKPab	13 53 21.1 -0.2	
PV20	West Nyswonger	157.09 40	PKPab	13 53 21.8 +0.4	
N60A	Cedar Hill Far	157.10 329	P	PKPab	13 53 20.2 -0.8
PV04	Paradox Valley	157.10 40	PKPab	13 53 21.2 -0.2	
PV19	Glamis Glory	157.10 40	PKPab	13 53 18.9 +0.4	
L56A	Greenwood	157.14 335	P	PKPab	13 53 20.4 -0.8
PV17	East Wray Mesa	157.14 40	PKPab	13 53 21.4 -0.2	
PV16	Nyswonger Mesa	157.15 40	PKPab	13 53 21.4 -0.2	
WU4Z	Wuzupaki	157.17 49	P	PKPab	13 53 19.2 -2.6
WU4Z	Wuzupaki	157.17 49	PKPab	13 53 22.5 +0.7	
PV11	David Mesa, Pa	157.18 40	PKPab	13 53 21.7 0.0	
PV05	Paradox Valley	157.18 41	PKPab	13 53 22.1 +0.3	
PV12	Skein Mesa, Pa	157.19 40	PKPab	13 53 22.1 +0.2	
PV12	Skein Mesa, Pa	157.19 40	PKPab	13 53 22.1 +0.2	
PV03	Paradox Valley	157.22 40	PKPab	13 53 21.7 -0.3	
PV02	Paradox Valley	157.32 40	PKPab	13 53 22.6 +0.2	
N59A	State Game Lan	157.38 330	P	PKPab	13 53 20.8 -1.5
PV01	EROS Valley	157.47 40	PKPab	13 53 23.0 -0.1	
ECSD	EROS Data Cent	157.61 12	P	PKPab	13 53 21.3 -1.8
M57A	Sunshine Farm,	157.63 333	P	PKPab	13 53 22.7 -0.6
214A	Organ Pipe Nat	157.65 59	P	PKPab	13 53 22.1 -1.8
X16A	Lo Mia Camp, P	157.66 52	PKPab	13 53 22.6 -1.4	
SMCO	Snowmass	157.66 36	PKPab	13 53 23.6 -0.5	
ISCO	Idaho Springs	157.92 33	PKPab	13 53 24.2 -0.8	
H40A	Norwalk	158.06 0.1	PKPab	13 53 24.7 -0.4	
MVCO	Mesa Verde	158.10 42	P	PKPab	13 53 24.8 -1.1
M54A	Oil Creek Stat	158.47 38	P	PKPab	13 53 25.4 -1.5
S22A	4UR Ranch, Cre	158.75 38	P	PKPab	13 53 27.5 -1.2
Q24A	Divide	158.78 33	P	PKPab	13 53 27.4 -1.4
JFWS	Jewell Farm	159.04 360	P	PKPab	13 53 28.0 -1.3
JFWS	Jewell Farm	159.04 360	PKP2	PKPab	13 53 28.4 -0.9
TUC	Tucson	159.10 360	PKP2	PKPab	13 53 31.2 +1.0
TUC	Tucson	159.10 360	PKPab	13 53 31.2 +1.0	
P58A	Pank, Wackersv	159.22 330	P	PKPab	13 53 29.7 -0.5
SDCO	Great Sand Dun	159.50 36	P	PKPab	13 53 30.5 -1.4
P57A	Homestead Farm	159.54 332	P	PKPab	13 53 31.1 -0.6
Q57A	Strasburg	160.09 332	P	PKPab	13 53 31.8 -2.2
T25A	Trinidad	160.56 36	P	PKPab	13 53 35.1 -1.3
ACSO	Alum Creek Sta	160.67 343	P	PKPab	13 53 35.2 -1.3
R57A	Standardsville	160.74 331	P	PKPab	13 53 37.5 +0.6
ANMO	Albuquerque	160.81 44	P	PKPab	13 53 36.9 -0.7
ANMO	Albuquerque	160.81 44	PKP2	PKPab	13 53 37.3 -0.3
ANMO	Albuquerque	160.81 44	PKPab	13 53 37.3 -0.3	
U61A	Possum Corner	161.20 323	P	PKPab	13 53 38.7 -0.2
N41A	Harden Midland	161.24 2	PKPab	13 53 38.0 -0.9	
121A	Cookes Peak, D</				

558A	Poland Farm, P	25.17	27	P	P	14 16 13.3 -0.7
Q54A	Coxs Mills	25.26	21	P	P	14 16 15.3 +0.5
T60A	Surry	25.39	30	P	P	14 16 16.0 -0.1
122A	4UR Ranch, Cre	25.48	332	P	P	14 16 18.6 +1.4
R58B	Mineral	25.54	27	P	P	14 16 17.6 +0.3
MTP	Monte Pirata	25.62	81	P	P	14 16 16.9 -1.5
S59A	Mechanicsville	25.63	28	P	P	14 16 18.3 +0.1
ACSO	Alum Creek Sta	25.73	16	P	P	14 16 18.9 -0.2
R58A	Rapidan	25.76	26	P	P	14 16 19.2 -0.2
MVCO	Mesa Verde	25.83	329	P	P	14 16 21.9 +1.5
S60A	Water Verde	25.88	29	P	P	14 16 20.6 +0.1
Q56A	Snyder Ridge,	25.91	24	P	P	14 16 21.1 +0.4
CBN	Corbin Frederi	25.96	27	P	P	14 16 22.0 +0.9
R59A	King George, V	26.07	28	P	P	14 16 22.9 +0.8
WUAZ	Wupatki	26.13	323	P	P	14 16 24.7 +1.7
Q57A	Strasburg	26.22	25	P	P	14 16 23.5 +0.1
Q53A	New Philadelph	26.27	19	P	P	14 16 24.5 +0.5
R60A	Leonardtown, M	26.37	29	P	P	14 16 25.6 +0.7
Q58A	Fox Den Farm,	26.44	26	P	P	14 16 25.5 +0.1
ATAH	Athulpa	26.50	148	P	P	14 16 29.7 +3.0
P57A	Homestead Farm	26.76	25	P	P	14 16 28.4 +0.0
GLA	Glamis	26.78	314	P	P	14 16 30.6 +2.0
PDMCJ	Parker Dam, Lak	27.06	317	P	P	14 16 33.0 +2.0
Q56A	Blue Knob Stat	27.22	23	P	P	14 16 32.7 +0.3
Q60A	Greensboro	27.20	29	P	P	14 16 37.5 +0.4
SWSC	Sam W. Stewart	27.40	313	P	P	14 16 36.1 +2.1
PCRV	Puerto La Cruz	27.42	98	P	P	14 16 31.8 -2.8
IKP	In-Ko-Pah, Jac	27.46	31	P	P	14 16 37.2 +2.5
PLCV	Puerto La Cruz	27.47	98	P	P	14 16 31.8 -3.2
P59A	Jarrettsville	27.53	27	P	P	14 16 35.2 +0.1
BC3	Big Chuckawall	27.55	315	P	P	14 16 37.8 +2.2
IRM	Iron Mountain	27.64	316	P	P	14 16 38.5 +2.2
O58A	Lewisberry	27.75	26	P	P	14 16 37.7 +0.6
N23A	Red Feather La	27.79	337	P	P	14 16 37.9 +0.2
SSPA	Standing Stone	27.79	24	P	P	14 16 37.6 +0.2
MONPZ	Monument Peak	28.01	312	P	P	14 16 40.5 +2.5
N57A	Milroy	28.03	24	P	P	14 16 40.2 +0.7
P60A	Greenville	28.05	28	P	P	14 16 39.4 -0.4
BELC	Belle Mtn. Jos	28.12	315	P	P	14 16 43.3 +2.7
O59A	Robesonia	28.22	27	P	P	14 16 41.5 +0.2
TPFA	Pinon Flats	28.22	314	P	P	14 16 44.3 +2.7
PFO	Pinyon Flats O	28.23	314	P	P	14 16 44.4 +2.9
PFO	Pinyon Flats O	28.23	314	P	P	14 16 43.7 +2.1
PFO	Pinyon Flats O	28.23	314	Iamb	Iamb	14 16 45.2
GMRC	Granite Mounta	28.35	316	P	P	14 16 45.2 +2.5
N58A	Sunbury	28.44	25	P	P	14 16 43.4 +0.2
O60A	Telford	28.57	28	P	P	14 16 44.9 +0.7
O61A	Allentown	28.77	29	P	P	14 16 46.7 +0.6
N59A	State Game Lan	28.90	26	P	P	14 16 47.9 +0.7
M58A	Pric's Panora	28.99	25	P	P	14 16 48.8 +0.7
N60A	Cedar Hill Far	29.15	27	P	P	14 16 49.7 +0.3
BFSC	Mount Baldy Ra	29.40	314	P	P	14 16 54.5 +2.5
GSC	Goldstone, Bar	29.41	316	P	P	14 16 54.4 +2.4
N61A	South Mountain	29.42	28	P	P	14 16 52.1 +0.3
M59A	Waymart	29.55	26	P	P	14 16 53.6 +0.6
M60A	Port Jervis	29.73	27	P	P	14 16 54.7 +0.1
K56A	Middlesex	29.79	22	P	P	14 16 55.7 +0.6
PAL	Palisades	29.80	29	P	P	14 16 55.5 +0.3
L58A	Harry Jones Me	29.80	25	P	P	14 16 55.6 +0.4
BINY	Binghamton	29.88	25	P	P	14 16 56.3 +0.4
TPNV	Topnotch Spring	30.04	319	P	P	14 16 59.8 +2.2
RSSD	Black Hills	30.06	343	P	P	14 16 58.5 +0.8
M61A	Granite Spring	30.10	28	P	P	14 16 58.0 +0.2
K57A	Scipio Center	30.12	23	P	P	14 16 58.3 +0.3
FURC	Furnace Creek,	30.14	318	P	P	14 17 01.1 +3.0
L59A	Walton	30.25	26	P	P	14 16 59.9 +0.6
CZSB	Cruzeiro do Su	30.26	139	eP	P	14 17 01.9 +2.4
MPMC	Manual Prospec	30.30	317	P	P	14 17 02.4 +2.4
L60A	Shokan	30.44	27	P	P	14 17 01.1 +0.2
K58A	Earlville	30.48	24	P	P	14 17 01.3 +0.1
K58A	Earlville	30.48	24	P	P	14 17 01.2 0.0
K58A	Earlville	30.48	24	Iamb	Iamb	14 17 02.5
R11C	Troy Canyon, C	30.53	322	P	P	14 17 04.3 +2.4
ARVA	Arvin	30.69	314	P	P	14 17 05.6 +2.5
ISA	Isabella, Lake	30.74	315	P	P	14 17 06.4 +2.7
PDAR	Pinedale Array	30.80	335	P	P	14 17 05.4 +1.2
PDAR	Pinedale Array	30.80	335	PcP	PcP	14 19 55.5 -0.3
PDAR	Pinedale Array	30.80	335	ScP	ScP	14 23 18.3 +0.7
K59A	Cooperstown	30.82	25	P	P	14 17 04.4 +0.3
CWC	Cottonwood Cre	30.91	317	P	P	14 17 06.9 +1.6
M63A	Gales Ferry	30.99	30	P	P	14 17 06.4 +0.8
H53A	Bobcaygeon	31.01	19	P	P	14 17 06.0 +0.2
VESA	Vesta, Richgr	31.25	315	P	P	14 17 10.4 +2.4
PKM	Mpherson Peak	31.26	313	P	P	14 17 10.1 +1.8
K61A	Williamstown	31.41	27	P	P	14 17 09.4 +0.1
I58A	Old Forge	31.53	24	P	P	14 17 10.2 -0.2
J59A	Plesco	31.53	25	P	P	14 17 10.7 +0.3

L63A	North Scituate	31.55	30	P	P	14 17 10.7 +0.2
J60A	Lant Hill Farm	31.80	27	P	P	14 17 13.3 +0.6
ELK	Elko	31.96	326	P	P	14 17 17.2 +2.7
L64A	Middleborough	31.98	31	P	P	14 17 14.5 +0.2
H57A	Richville	32.02	23	P	P	14 17 14.4 -0.2
I59A	Olmsteadville	32.06	25	P	P	14 17 14.9 -0.1
NVAR	Milroy Array Bea	32.23	320	P	P	14 17 20.2 +3.3
NVAR	NVAR	32.27	27	P	P	14 18 03.4 +1.6
NVAR	NVAR	32.27	27	P	P	14 20 00.5 +0.6
NVAR	NVAR	32.27	27	P	P	14 23 24.7 +2.2
J61A	Chester	32.27	27	P	P	14 17 16.4 -0.4
I60A	Shoreham	32.34	26	P	P	14 17 17.5 +0.1
ALGO	Algonquin Park	32.42	19	P	P	14 17 18.3 +0.3
H58A	Gabriels	32.45	24	P	P	14 17 18.2 -0.2
LONY	Lake Ozonia	32.46	24	P	P	14 17 18.7 +0.2
LONY	Lake Ozonia	32.46	24	P	P	14 17 17.3 -1.2
G57A	Newington	32.72	23	P	P	14 17 21.1 +0.5
H59A	Cadyville	32.84	25	P	P	14 17 21.9 +0.2
G58A	Ormsdown	33.11	24	P	P	14 17 23.8 -0.3
H60A	Morristown	33.18	26	P	P	14 17 24.5 -0.2
I62A	Tamworth	33.23	28	P	P	14 17 25.2 +0.1
G60A	Masonville	33.76	26	P	P	14 17 29.6 -0.1
E56A	St. Veronique	33.93	21	P	P	14 17 31.2 +0.1
E57A	Chemin Saint G	34.14	22	P	P	14 17 33.1 +0.2
D55A	Sainte-Anne-du	34.19	21	P	P	14 17 33.3 0.0
E58A	La Victoria	34.43	23	P	P	14 17 35.4 0.0
D56A	PEC Mazanza, M	34.46	21	P	P	14 17 35.7 0.0
ULM	Lac du Bonnet	34.59	356	P	P	14 17 38.7 +2.0
ULM	ULM	34.59	356	P	P	14 18 23.3 +1.3
F60A	Warwick	34.62	25	P	P	14 17 36.8 -0.3
G62A	West of Eustis	34.63	27	P	P	14 17 36.9 -0.3
H64A	Troy	34.79	29	P	P	14 17 38.4 +0.1
G63A	Kingsbury	34.97	28	P	P	14 17 40.1 +0.1
E60A	Ste Agathe de	35.16	25	P	P	14 17 41.5 -0.1
D58A	Chemin du LacG	35.18	23	P	P	14 17 42.1 +0.2
PKME	Peaks-Kenny Pk	35.23	28	P	P	14 17 42.1 -0.1
H65A	Eastbrook	35.30	30	P	P	14 17 42.4 -0.4
G64A	Maxald	35.47	29	P	P	14 17 44.2 -0.1
LSQO	Lebel-sur-Ouev	35.53	17	P	P	14 17 44.7 -0.1
F63A	Nahmakanta, Br	35.65	28	P	P	14 17 45.4 -0.4
PTGA	Pitinga	35.80	114	P	P	14 17 45.2 -2.3
D60A	Saint Jean D'O	35.81	25	P	P	14 17 47.6 +0.5
MATO	Matagami	35.98	16	P	P	14 17 48.0 -0.5
G65A	Princeton	36.00	30	P	P	14 17 48.8 +0.1
F64A	Sherman	36.12	29	P	P	14 17 49.7 -0.1
ETMB	Extrema	36.14	133	eP	P	14 17 49.7 -0.7
D61A	St Aubert, Com	36.34	26	P	P	14 17 51.7 +0.1
E63A	Oxbow	36.50	28	P	P	14 17 53.0 0.0
D62A	Allappont, All	36.73	27	P	P	14 17 54.8 -0.2
D62A	Allappont, All	36.73	27	P	P	14 17 54.9 -0.1
E64A	Brigewater	36.77	29	P	P	14 17 54.9 -0.4
D63A	Stockholm	37.11	28	P	P	14 17 57.6 -0.5
I05D	Terrebonne, OR	37.72	325	P	P	14 18 04.3 +1.0
SAML	Samuel	37.77	128	P	P	14 18 01.1 -3.0
NEW	Newport	38.39	333	P	P	14 18 10.8 +1.9
D04E	Lakebay	40.32	328	P	P	14 18 26.9 +2.1
PB16	IPOC Station P	40.55	146	P	P	14 18 29.1 +1.5
PB16	IPOC Station P	40.55	146	Iamb	Iamb	14 18 30.5
MNMC	Minye Minye	41.16	146	P	P	14 18 34.4 +2.1
MCBP	Macapa, AP	42.75	150	eP	P	14 18 42.8 +2.2
PB01	IPOC Station P	42.79	148	P	P	14 18 46.8 +1.5
PB01	IPOC Station P	42.79	148	Iamb	Iamb	14 18 47.5
PB07	IPOC Station P	43.16	149	P	P	14 18 49.9 +1.6
PB07	IPOC Station P	43.16	149	Iamb	Iamb	14 18 50.7
PB09	IPOC Station P	43.55	148	P	P	14 18 53.3 +2.0
PB09	IPOC Station P	43.55	148	Iamb	Iamb	14 18 53.8
LVC	comp-Z,20nm,0.6s	44.39	148	P	P	14 19 00.3 +2.0
GO02	Mina Guanaco	46.22	151	P	P	14 19 14.2 +1.7
AC05	El Transito	49.10	154	P	P	14 19 35.9 +1.5
YKA	Yellowknife Ar	49.33	347	P	P	14 19 35.7 +0.2
YKA	YKA	49.33	347	P	P	14 20 24.0 +0.1
YKA	YKA	49.33	347	P	P	14 24 28.8 +0.1
ARAG	Araguaiana, MT	50.65	126	eP	P	14 19 45.3 -0.7
PEIXB	Peixe	51.50	120	eP	P	

PDGK	121nm,0.2s	1.38	5	P	Pn	14 57 31.9	-1.7
PDGK	11nm,0.2s			S	Sn	14 57 51.0	-1.0
PDGK	24nm,0.3s	1.38	5	↑P	Pn	14 57 31.9	-1.7
PDGK	8.2nm,0.3s			↓S	Sg	14 57 56.3	+3.7
ANVS	100nm,0.7s	1.49	305	↑P	Pn	14 57 34.1	-1.0
ANVS	Anan'yev			↓S	Sb	14 57 55.4	+0.5
KPKS	baz=10.0	1.59	343	eP	Sb	14 57 36.0	-0.3
KPKS	Kokpek			eS	Sb	14 57 57.0	+0.1
KDJ	113nm,0.2s	1.61	277	↑P	Pn	14 57 34.7	-2.1
KDJ	Kajisay			↑S	Sn	14 57 56.4	-1.3
KTM5	baz=82						
KTM5	Ketmen	1.67	26	eP	Pn	14 57 36.9	-0.7
KTM5	39nm,0.2s			eS	Sb	14 57 59.8	-0.5
KTM5	28nm,0.4s	1.67	26	P	Pn	14 57 36.9	-0.7
KTM5	39nm,0.2s			S	Sb	14 57 59.8	-0.5
KURS	28nm,0.4s	1.76	331	eP	Pg	14 57 39.8	-0.7
KURS	8.1nm,0.2s			eS	Sb	14 58 04.3	-0.3
KURS	32nm,0.6s	1.76	331	P	Pg	14 57 39.8	-0.7
KURS	8.1nm,0.2s			S	Sg	14 58 04.3	-0.3
TNSS	32nm,0.6s	2.07	302	eP	Pb	14 57 44.7	-1.3
TNSS	14nm,0.3s			eS	Sb	14 58 13.1	+1.1
TNSS	23nm,0.3s	2.07	302	Pg	Pg	14 57 44.7	-1.3
TNSS	14nm,0.3s			Lg	Lg	14 58 13.1	
MDOK	23nm,0.3s	2.08	306	eP	Pb	14 57 44.8	-1.2
MDOK	14nm,0.2s			eS	Sb	14 58 12.9	+1.0
MDOK	44nm,0.6s	2.08	306	Pn	Pb	14 57 44.2	-1.7
MDOK	9.6nm,0.6s			Sn	Sb	14 58 12.8	+1.0
MDOK	64nm,0.4s	2.08	306	Pg	Pb	14 57 44.8	-1.2
MDOK	14nm,0.2s			Lg	Lg	14 58 12.9	
KOTS	44nm,0.6s	2.08	309	eP	Pb	14 57 44.7	-1.3
KOTS	Kotrybulak			eS	Sb	14 58 13.3	+1.3
KOTS	46nm,0.3s	2.08	309	Pg	Pb	14 57 44.7	-1.3
KOTS	Kotrybulak			Lg	Lg	14 58 13.3	
KNDK	59nm,0.3s	2.16	307	↑Pn	Pn	14 57 43.3	-0.9
KNDK	11nm,0.3s			↑Sn	Sb	14 58 16.0	+1.9
MNBS	45nm,0.5s	2.23	343	eP	Pb	14 57 47.1	-1.5
MNBS	Baschi			eS	Sb	14 58 16.9	+0.6
MNBS	16nm,0.2s	2.23	343	Pg	Pb	14 57 47.1	-1.5
MNBS	213nm,0.3s			Lg	Lg	14 58 16.9	
MNBS	16nm,0.2s	2.28	299	eP	Pb	14 57 48.6	-0.9
IZV	213nm,0.3s			eS	Sb	14 58 19.5	+1.7
IZV	45nm,0.4s	2.28	299	Pg	Pb	14 57 48.6	-0.9
IZV	Izvestkoviy			Lg	Lg	14 58 19.5	
ULHL	45nm,0.4s	2.32	278	↑P	Pn	14 57 46.7	+0.2
ULHL	Ushoi			↑S	Sn	14 58 16.6	+1.4
DJR	baz=82	2.40	8	eP	Pb	14 57 50.1	-1.4
DJR	Jarkent			eS	Sb	14 58 22.4	+1.2
DJR	16nm,0.2s	2.40	8	Pg	Pb	14 57 50.1	-1.4
DJR	16nm,0.2s			Lg	Lg	14 58 22.4	
MTBS	110nm,0.3s	2.45	300	eP	Pb	14 57 50.8	-1.4
MTBS	Maitube			eS	Sb	14 58 23.6	+1.1
MTBS	18nm,0.4s	2.45	300	Pg	Pb	14 57 50.8	-1.4
MTBS	Maitube			Lg	Lg	14 58 23.6	
ARXS	18nm,0.4s	2.52	335	eP	Pb	14 57 52.3	-1.1
ARXS	Arharly			eS	Sb	14 58 25.7	+1.3
ARXS	42nm,0.3s	2.52	335	Pg	Pb	14 57 52.3	-1.1
ARXS	Arharly			Lg	Lg	14 58 25.7	
CHKK	42nm,0.3s	2.56	319	eP	Pb	14 57 53.8	-0.4
CHKK	Chushkaly			eS	Sb	14 58 28.5	+2.7
CHKK	74nm,0.3s	2.56	319	Pg	Pb	14 57 53.8	-0.4
CHKK	Chushkaly			Lg	Lg	14 58 28.5	
KTBS	74nm,0.3s	2.62	313	eP	Pb	14 57 55.8	+0.5
KTBS	Karatobe			eS	Sg	14 58 31.7	-0.7
KTBS	80nm,0.4s	2.62	313	Pg	Pb	14 57 55.8	+0.5
KTBS	Karatobe			Lg	Lg	14 58 31.7	
KST	80nm,0.4s	2.72	295	eP	Pb	14 57 55.5	-1.3
KST	Kastek			eS	Sb	14 58 31.8	+1.4
KST	11nm,0.8s	2.72	295	Pg	Pb	14 57 55.5	-1.3
KST	Kastek			Lg	Lg	14 58 31.8	
DGS	27nm,0.5s	2.93	297	eP	Pb	14 58 00.1	-0.3
DGS	Degeres			eS	Sb	14 58 39.2	+2.9
DGS	4.6nm,0.5s	2.93	297	Pg	Pb	14 58 00.1	-0.3
DGS	Degeres			Lg	Lg	14 58 39.2	
TKM2	18nm,0.7s	2.93	291	↑P	Pn	14 57 55.6	+0.7
TKM2	Tokmak 2			↑S	Sn	14 58 32.1	+1.9
TKM2	baz=93	2.93	291	↑P	Pg	14 58 00.1	-0.4
TKM2	Tokmak 2			↑Lg	Lg	14 58 40.9	
TDK	1.9nm,0.4s	3.12	348	eP	Pb	14 58 03.4	-0.3
TDK	Taldyqorghan			eS	Sb	14 58 44.8	+2.9
TDK	23nm,0.3s	3.12	348	Pg	Pb	14 58 03.4	-0.3
TDK	Taldyqorghan			Lg	Lg	14 58 44.8	
KRBS	54nm,0.7s	3.21	304	eP	Pb	14 58 04.5	-0.6
KRBS	Karabastau			eS	Sb	14 58 46.4	+2.2
KRBS	4.0nm,0.3s	3.21	304	Pg	Pb	14 58 04.5	-0.6
KRBS	Karabastau			Lg	Lg	14 58 46.4	

KBK	Karagaybulak	3.33	284	↑P	Pn	14 58 00.7	+0.4
KBK	baz=86			↑S	Sn	14 58 41.0	+1.0
KAPS	Kapalarasan	3.33	0	eP	Pb	14 58 07.2	-0.1
KAPS	4.3nm,0.3s			eS	Sb	14 58 51.5	+3.5
KAPS	12nm,0.5s	3.33	0	Pg	Pg	14 58 07.2	-0.1
KAPS	Kapalarasan			Lg	Lg	14 58 51.4	
UCH	12nm,0.5s	3.60	276	↑P	Pn	14 58 04.4	+0.1
UCH	Uchtor			↓S	Sn	14 58 47.3	+0.3
UCH	baz=78			↓S	Sn	14 58 47.3	+0.3
AAK	Ala-Archa	3.65	282	↑P	Pn	14 58 05.1	+0.3
AAK	baz=85			↓S	Sn	14 58 48.8	+0.8
AAK	Ala-Archa	3.65	282	↑P	Pb	14 58 13.5	+0.7
AAK	1.4nm,0.6s			↓Lg	Lg	14 59 01.9	
ARLS	5.3nm,0.7s	3.74	270	↑P	Pn	14 58 05.8	-0.2
ARLS	Aral			↑S	Sn	14 58 49.7	-0.4
SGDS	baz=72	3.77	295	Pg	Pg	14 58 14.7	-0.2
SGDS	Sogindy			Lg	Lg	14 59 04.2	
EKS2	7.0nm,0.4s	4.18	282	↑P	Pn	14 58 12.3	+0.3
EKS2	Erkin-Say			↓S	Sn	14 59 01.2	+0.2
AML	Almayashu	4.20	274	↑P	Pn	14 58 12.8	+0.2
AML	baz=76			↑S	Sn	14 59 01.9	+0.2
MAKZ	Maikanchi	5.21	20	↑Pn	Pn	14 58 26.5	+0.4
MAKZ	0.3nm,0.3s			↓Sn	Sn	14 59 28.6	+2.4
MAKZ	3.3nm,0.7s	5.29	23	↑Pn	Pn	14 58 27.3	+0.2
MAKZ	0.2nm,0.2s,baz=201,slow=13,SNR=16			Sn	Sn	14 59 30.5	+2.4
MAKZ	6.9nm,0.8s,baz=196,slow=23,SNR=18	6.62	283	↑P	Pb	14 59 07.7	+4.5
MAKZ	Kararay Array			↓Lg	Lg	15 00 38.9	
MAKZ	0.3nm,0.3s,baz=329,slow=42,SNR=3.1						
MAKZ	0.7nm,0.6s						

IDC 05 15:00:28.2:781.0,52:83N,34:24E,h0km,Error ellipse:
s-maj=325.9km s-min=87.6km az=26.0, Baltic
States-Belarus-Northwestern Russia
 Code Station Name Δ° AZ° Phase ID Time Res
 h m s ISC h m s ISC
H3RU DUBNA INFRASON 4.26 23 i Op 15 27 40.0
I31KZ AKTYUBINSK INF 14.96 90 i S 16 30 50.0
I46RU ZALESOVO INFRA29.67 6 i S 18 02 40.0

TIF 05 15:07:53.8,41°60N,43°54E,h17km
DDA 05 15:07:54.0,41°57N,43°49E,h20km,1km,MW3.4
MOS 05 15:07:54.9,1.6,41°53N,43°51E,h8km,mb3.8/1,Error
ellipse: s-maj=6.7km s-min=3.9km az=88.1
NORS 05 15:07:54.9,0.0,41°63N,43°44E,h0km,MPVA4.3
NSSP 05 15:07:54.0,41°62N,43°45E,h14km,Ms3.1
ISK 05 15:07:54.1,41°63N,43°45E,h6km,ML3.1/6
ISC 05 15:07:54.5,0.8,41°60N,0°01'43.49E,0.01,h14km,5km,
n90,±118/158,19C-16Z,Turkey-Georgia-Armenia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BKRG	Bakuriani	0.16	9	P	15 07 58.2	-0.5
BKRG	Bakuriani			S	15 08 01.2	-0.3
BKRG	Bakuriani	0.16	9	↓PG	15 07 58.2	-0.5
AKH	Akhalkalaki	0.19	179	P	15 07 59.1	+0.1
AKH	Akhalkalaki			S	15 08 02.6	+0.5
AKH	Akhalkalaki	0.19	179	PG	15 07 59.1	+0.1
AKH	Akhalkalaki			SG	15 08 02.7	+0.7
AKH	Akhalkalaki	0.19	179	↑PG	15 07 59.1	+0.1
AKH	Akhalkalaki			S	15 08 02.6	+0.5
BRNG	Burnasheti	0.26	84	P	15 07 59.6	-0.5
BRNG	Burnasheti			S	15 08 01.4	-0.5
ABS	Abastumani	0.53	288	P	15 08 05.4	-0.3
ABS	Abastumani			Sb	15 08 10.4	+0.8
ABS	Abastumani	0.53	288	↑PG	15 08 05.4	-0.3
ABS	Abastumani			Sb	15 08 10.4	+0.8
DMNI	Dmanisi	0.59	117	P	15 08 05.2	-1.0
DMNI	Dmanisi			S	15 08 12.9	-1.2
DMNI	Dmanisi	0.59	117	↑PG	15 08 05.1	-1.0
DMNI	Dmanisi			S	15 08 12.8	-1.2
KZRT	Kazreti	0.72	107	P	15 08 07.1	-1.4
KZRT	Kazreti			S	15 08 16.3	-1.6
KZRT	Kazreti	0.72	107	↑P	15 08 07.1	-1.4
KZRT	Kazreti			S	15 08 15.9	-2.0
KZRT	Kazreti	0.72	107	PG	15 08 07.0	-1.4
KZRT	Kazreti			S	15 08 16.3	-1.6
TKB	Tkibuli	0.84	334	P	15 08 10.7	-1.2
TKB	Tkibuli			Sn	15 08 22.6	-1.5
TKB	Tkibuli	0.84	334	↑PG	15 08 10.7	-1.2
TKB	Tkibuli			S	15 08 22.5	-1.5
STB	Stepanavan	0.89	132	↑P	15 08 11.9	0.0
STE	Stepanavan			↑S	15 08 24.2	+0.5
EAK	Aykya	0.92	174	↑P	15 08 10.3	-2.0
EAK	Aykya			↑S	15 08 22.6	-1.6
BTNK	Botanikuri	0.99	85	S	15 08 27.8	+0.1
BTNK	Botanikuri			Sn	15 08 28.8	+0.1
BTNK	Botanikuri	0.99	85	↑S	15 08 27.8	+0.1
BTNK	Botanikuri			Sn	15 08 26.9	-0.8
BTNK	Botanikuri	0.99	85	↑PG	15 08 27.8	+0.1
BTNK	Botanikuri			Sn	15 08 27.8	+0.1
ONI	Oni	0.99	359	P	15 08 13.2	-0.8
ONI	Oni			S	15 08 27.2	-0.8
ONI	Oni	0.99	359	↑PG	15 08 13.3	-0.8
ONI	Oni			eS	15 08 27.2	-0.8
ONI	Oni	0.99	359	↑P	15 08 13.3	-0.8
ONI	Oni			eSg	15 08 27.2	-0.8
SEAG	Tbilisi Sea	1.00	80	P	15 08 12.6	-1.1
SEAG	Tbilisi Sea			Sb	15 08 26.2	-0.5
SEAG	Tbilisi Sea	1.00	80	PG	15 08 12.5	-1.1
SEAG	Tbilisi Sea			Sb	15 08 26.2	-0.5
KARS	Kars	1.02	198	PG	15 08 14.7	+0.2
KARS	Kars			SG	15 08 29.7	+1.1
KARS	Kars	1.02	198	Pn	15 08 14.6	+0.1
KARS	Kars			S	15 08 29.6	+1.0
GUDG	Gudauri	1.14	40	P	15 08 16.2	-0.3
GUDG	Gudauri			S	15 08 31.8	0.0
GUDG	Gudauri	1.14	40	PG		

5d 15h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like OK030 Cody Creek RV, OKCFA Oklahoma City, etc.

2015 FEB

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WHAR Gary Mavity, W41B Gary Mavity, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SUSD Miller, SUSD Miller, Y22D IRIS PASCAL, etc.

W18A	Petrified Fore	9.51	263	Pn	Pn	15 10 59.2	+0.3
WCI	Wyandotte Cave	9.55	78	Pn	Pn	15 10 59.2	-0.1
WCI	Wyandotte Cave	9.55	78	Pn	Pn	15 10 59.5	+0.2
WCI	comp=Z,733nm,0.8s			Iamb_Lg		15 15 56.0	
WCI	Wyandotte Cave	9.55	78	P		15 10 59.7	
L44A	Lake County Fo	9.57	53	Pn	Pn	15 10 59.4	0.0
L44A	Lake County Fo	9.57	53	Pn	Pn	15 10 59.2	-0.2
CLTN	Cedars of Leba	9.58	91	Pn	Pn	15 11 00.7	+1.0
CLTN	comp=Z,651nm,1.1s			Iamb_Lg		15 15 43.8	
K43A	Burlington	9.59	49	Pn	Pn	15 11 00.0	+0.3
K43A	Milaca	9.59	49	Pn	Pn	15 11 00.1	
F36A	Milaca	9.68	20	Pn	Pn	15 11 00.5	-0.4
F36A	comp=Z,356nm,1.0s			Iamb_Lg		15 14 08.6	
X18A	Snowflake	9.84	260	Pn	Pn	15 11 03.0	-0.4
E28A	Huff	9.91	350	Pn	Pn	15 11 02.7	-1.4
E28A	comp=Z,494nm,0.9s			Iamb_Lg		15 14 10.3	
LRAL	Lakeview Retre	9.94	109	P	Pn	15 11 04.2	-0.4
LRAL	Lakeview Retre	9.94	109	Pn	Pn	15 11 04.6	0.0
U49A	Red Boiling Sp	9.98	88	Pn	Pn	15 11 05.4	+0.4
U49A	Red Boiling Sp	9.98	88	Pn	Pn	15 11 06.5	
U49A	comp=Z,276,SNR=6.0						
I42A	Drager Farm,	9.98	42	Pn	Pn	15 11 04.4	-0.8
I42A	Drager Farm,	9.98	42	Pn	Pn	15 11 05.3	
SRU	San Rafael Swe	10.00	287	Pn	Pn	15 11 06.2	+0.6
SWET	Seawane	10.06	96	Pn	Pn	15 11 07.0	+0.7
Y49A	Blount Mountai	10.07	104	Pn	Pn	15 11 06.4	0.0
P17A	Butcher Ranch,	10.23	289	Pn	Pn	15 11 05.8	-2.8
G40A	Rib Lake	10.36	33	Pn	Pn	15 11 09.7	-0.6
G40A	Rib Lake	10.36	33	Pn	Pn	15 11 10.8	
P48A	Milroy	10.39	72	Pn	Pn	15 11 09.3	-1.5
R49A	Shelbyville	10.44	78	Pn	Pn	15 11 11.4	+0.1
R49A	Shelbyville	10.44	78	P		15 11 12.7	
R49A	comp=Z,219,SNR=7.0						
R49A	comp=Z,266,SNR=6.4						
FPAL	Fort Payne	10.49	99	Pn	Pn	15 11 12.9	+0.8
N47A	Urbana	10.55	64	Pn	Pn	15 11 11.8	-1.1
L46A	Eue Claire	10.55	57	Pn	Pn	15 11 13.8	+0.8
TMUT	Trail Mountai	10.55	287	Pn	Pn	15 11 09.8	-3.8
BW06	Brown Array	10.56	308	Pn	Pn	15 11 10.3	-2.9
PDAR	Pinedale Array	10.56	308	Pn	Pn	15 11 12.0	-1.3
PDAR	comp=Z,1.2nm,0.3s,baz=119,slow=12,SNR=4.1					15 11 53.5	
PDAR	comp=Z,3.5nm,0.3s,baz=119,slow=15,SNR=6.1					15 14 05.0	
PDAR	comp=Z,1.7nm,0.3s,baz=108,slow=35,SNR=2.0					15 15 09.6	
PDAR	comp=Z,322nm,18.1s,baz=123,slow=37			LR			
W50A	Signal Mountai	10.56	95	Pn	Pn	15 11 14.8	+1.7
319A	Douglas	10.68	243	Pn	Pn	15 11 13.8	-1.1
T50A	Nancy	10.69	85	Pn	Pn	15 11 16.0	+1.1
WU4Z	Wupatki	10.74	267	Pn	Pn	15 11 14.8	-0.9
BRAL	Brewton	10.83	118	Pn	Pn	15 11 16.7	-0.1
P49A	Miami Univ. Ec	10.94	72	Pn	Pn	15 11 17.3	-1.0
P49A	Miami Univ. Ec	10.94	72	Pn	Pn	15 11 17.5	-0.8
P49A	Miami Univ. Ec	10.94	72	Pn	Pn	15 11 18.5	
E38A	The Farm, Brul	10.95	25	Pn	Pn	15 11 17.2	-1.1
250A	Grady	10.97	113	Pn	Pn	15 11 18.0	-0.2
H43A	Windswept, Lux	10.99	43	Pn	Pn	15 11 17.8	-1.0
H43A	Windswept, Lux	10.98	43	Pn	Pn	15 11 17.6	
X16A	Lo Mia Camp, P	11.05	261	Pn	Pn	15 11 17.1	-2.8
X51A	Calhoun	11.08	98	Pn	Pn	15 11 21.3	+1.2
R50A	Paris	11.10	78	Pn	Pn	15 11 20.9	+0.2
CPCT	Cooper Cave	11.14	93	Pn	Pn	15 11 22.4	+1.4
MTPU	Mout Pierson	11.19	280	Pn	Pn	15 11 21.2	-0.8
V51A	Loudon	11.22	91	Pn	Pn	15 11 23.3	+1.3
V51A	Loudon	11.22	91	P		15 11 23.5	
U15A	North Rim	11.34	272	Pn	Pn	15 11 24.4	+0.4
O49A	Covington	11.36	69	Pn	Pn	15 11 23.2	-0.8
O49A	Covington	11.36	69	P		15 11 23.2	
O49A	comp=Z,257,SNR=21					15 11 23.2	
COWI	Conover	11.47	33	Pn	Pn	15 11 24.2	-1.3
LAO	LASA Array	11.52	331	Pn	Pn	15 11 24.4	-1.8
LAO	LASA Array	11.52	331	Pn	Pn	15 11 24.6	-1.6
AGMN	Agassiz Nation	11.58	8	Pn	Pn	15 11 24.6	-2.4
AGMN	Agassiz Nation	11.58	8	Pn	Pn	15 11 23.9	-3.1
N49A	Columbus Grove	11.65	65	Pn	Pn	15 11 26.4	-1.6
N49A	Columbus Grove	11.65	65	P		15 11 27.2	
N49A	comp=Z,254,SNR=29					15 11 27.2	
S51A	Beattyville	11.67	82	Pn	Pn	15 11 28.4	+0.2
S51A	Beattyville	11.67	82	P		15 11 28.5	
S51A	comp=Z,270,SNR=14					15 11 28.5	
REDW	Red Top Meadow	11.68	308	Pn	Pn	15 11 27.9	-0.6
TKL	Tuckaleechee C	11.70	91	Pn	Pn	15 11 29.8	+1.1
TKL	comp=Z,8.9nm,0.3s,baz=231,slow=7.0,SNR=43			Sn		15 13 35.8	-3.0
TKL	comp=Z,2.0nm,0.3s,baz=65,slow=8.3,SNR=3.7			Lg		15 14 46.6	
TKL	Tuckaleechee C	11.70	91	Pn	Pn	15 11 29.3	+0.6
RLMT	Red Lodge	11.76	318	Pn	Pn	15 11 27.7	-2.0
RLMT	Red Lodge	11.76	318	Pn	Pn	15 11 28.2	-1.5
TZTN	Tazewell	11.76	87	Pn	Pn	15 11 30.5	+0.9
TZTN	Tazewell	11.76	87	Pn	Pn	15 11 30.6	+1.1
TZTN	comp=Z,278,SNR=7.8					15 11 30.4	
L48A	N Adams	11.80	60	Pn	Pn	15 11 28.9	-1.1
L48A	N Adams	11.80	60	P		15 11 29.0	
L48A	comp=Z,249,SNR=11					15 11 29.0	
V52A	Sevierville	11.82	90	Pn	Pn	15 11 30.7	+0.5
ECR	Eagle Creek	11.86	306	Pn	Pn	15 11 30.2	-0.9
Q51A	Peebles	11.93	75	Pn	Pn	15 11 30.0	-1.7
Q51A	Peebles	11.93	75	P		15 11 30.6	
Q51A	comp=Z,264,SNR=8.6					15 11 30.6	
FLWY	Flagg Ranch	11.96	311	Pn	Pn	15 11 30.4	-1.9
B55A	Bob. Little Creek	12.07	14	Pn	Pn	15 11 31.7	-3.5
LCMT	Little Creek M	12.05	275	Pn	Pn	15 11 33.8	+0.2
H17A	Grant Village	12.06	313	Pn	Pn	15 11 31.7	-2.0
451A	Vernon	12.07	117	Pn	Pn	15 11 32.7	-1.0
J47A	Summer	12.07	54	Pn	Pn	15 11 34.1	+0.4
EYMN	Ely	12.15	22	Pn	Pn	15 11 32.3	-2.5
EYMN	Ely	12.15	22	Pn	Pn	15 11 31.3	-3.4
EYMN	comp=Z,207,SNR=9.7					15 11 33.0	
P51A	Williamsport	12.20	73	Pn	Pn	15 11 35.4	-0.1
352A	Blakely	12.21	112	Pn	Pn	15 11 34.5	-1.1
ACSO	Alum Creek Sta	12.38	69	Pn	Pn	15 11 36.4	-1.6
ACSO	Alum Creek Sta	12.38	69	Pn	Pn	15 11 37.0	-1.0
GCMT	Greycliff	12.42	320	Pn	Pn	15 11 37.2	-1.4
DGMT	Dagmar	12.43	341	Pn	Pn	15 11 36.5	-2.2
DGMT	Dagmar	12.43	341	Pn	Pn	15 11 35.7	-2.9
D41A	Chassel	12.47	32	Pn	Pn	15 11 36.7	-2.4
D41A	Chassel	12.47	32	P		15 11 37.5	
AAM	Ann Arbor	12.47	60	Pn	Pn	15 11 38.1	-1.1
AAM	Ann Arbor	12.47	60	Pn	Pn	15 11 38.8	-0.3
AAM	Ann Arbor	12.47	60	Pn	Pn	15 11 38.9	-0.5
BG3	Lake Jocassee	12.51	94	Pn	Pn	15 11 38.8	-1.0
G45A	Suttons Bay	12.52	45	Pn	Pn	15 11 38.8	-1.0

G45A	Suttons Bay	12.52	45	P		15 11 38.0	
G45A	comp=Z,234,SNR=15					15 11 38.0	
GOGA	Godfrey	12.53	101	P	Pn	15 11 41.2	+1.2
GOGA	Godfrey	12.53	101	Pn	Pn	15 11 39.3	-0.7
M50A	Fremont	12.62	64	Pn	Pn	15 11 40.0	-1.1
E43A	Lone Tree Farm	12.68	38	Pn	Pn	15 11 39.5	-2.4
Q52A	Bidwell	12.76	76	Pn	Pn	15 11 42.8	-0.3
Q52A	Bidwell	12.76	76	P		15 11 42.8	
Q52A	comp=Z,265,SNR=14					15 11 42.8	
P52A	Corning	12.93	73	Pn	Pn	15 11 44.9	-0.6
R53A	Hurricane	12.97	78	Pn	Pn	15 11 43.7	-1.7
N51A	Ashland	12.98	67	Pn	Pn	15 11 45.3	-0.7
GLMI	Grayling	13.00	48	Pn	Pn	15 11 45.0	-1.4
GLMI	Grayling	13.00	48	P		15 11 43.8	-2.6
GLMI	Grayling	13.00	48	P		15 11 45.3	
214A	Dread Pipe Nat	13.01	252	Pn	Pn	15 11 47.1	+0.5
U54A	Nelsons Funny	13.15	86	Pn	Pn	15 11 47.8	-0.7
U54A	Nelsons Funny	13.15	86	Pn	Pn	15 11 47.5	-1.0
O52A	Adamsville	13.23	71	Pn	Pn	15 11 49.2	-0.5
H03A	Hodges	13.24	97	Pn	Pn	15 11 49.0	0.0
553A	Crawfordville	13.25	116	Pn	Pn	15 11 48.4	-1.5
Q53A	Leroy	13.33	76	Pn	Pn	15 11 50.1	-0.8
K50A	Casco	13.35	59	Pn	Pn	15 11 49.7	-1.5
PAUL	Bear Canyon	13.41	84	Pn	Pn	15 11 52.5	0.0
S54A	Dingess, Beckl	13.47	81	Pn	Pn	15 11 51.8	-1.1
S54A	Dingess, Beckl	13.47	81	Pn	Pn	15 11 51.6	-1.4
S54A	Dingess, Beckl	13.47	81	P		15 11 52.0	
S54A	comp=Z,271,SNR=6.7					15 11 52.0	
P53A	Whipple	13.49	74	Pn	Pn	15 11 52.3	-0.7
ULM	Lac du Bonnet	13.51	6	Pn	Pn	15 11 48.1	-5.2
ULM	comp=Z,1.4nm,0.3s,baz=184,slow=12,SNR=16			Sn		15 14 11.6	-1.1
ULM	comp=Z,3.2nm,0.3s,baz=283,slow=17,SNR=3.4			Lg		15 15 37.5	
ULM	comp=Z,5.7nm,0.3s,baz=89,slow=19,SNR=3.8			Lg		15 11 48.3	-5.1
ULM	Lac du Bonnet	13.51	6	Pn	Pn	15 11 52.3	-2.9
SHPR	Sheep Range	13.63	274	Pn	Pn	15 11 56.3	+0.7
MCMT	McKenzie Canyo	13.66	310	Pn	Pn	15 11 54.4	-1.8
O53A	New Philadelphia	13.72	70	Pn	Pn	15 11 54.4	-1.8
O53A	New Philadelphia	13.72	70	Pn	Pn	15 11 54.4	-1.8
V55A	Taylorville	13.72	89	Pn	Pn	15 11 55.7	-0.6
R54A	Victor	13.73	79	Pn	Pn	15 11 54.4	-2.0
BCYI	Bear Canyon	13.75	308	Pn	Pn	15 11 56.3	-0.6
KM5C	Kings Mountain	13.76	92	Pn	Pn	15 11 56.4	-0.4
DLMT	Dillon	13.79	313	Pn	Pn	15 11 56.3	-1.0
ELK	Elko	13.86	292	Pn	Pn	15 11 57.1	-1.2
ELK	comp=Z,0.0nm,0.3s,baz=100,slow=13,SNR=1.5			Lg		15 15 49.9	
255A	Hazelhurst	13.87	106	Pn	Pn	15 11 58.7	+0.4
M52A	Chesterland	13.87	65	Pn	Pn	15 11 56.6	-2.3
Q54A	Coxs Mills	13.88	76	Pn	Pn	15 11 57.8	-0.5
EGMT	Eagleton	14.05	326	Pn	Pn	15 11 58.1	-2.6
EGMT	Eagleton	14.05	326	Pn	Pn	15 11 58.4	-2.3
IRM	Iron Mountain	14.07	264	Pn	Pn	15 11 59.9	-1.2
E46A	Site Mari	14					

5d 15h

Table with columns: ID, Station Name, Time, Res, and other details. Includes stations like H59A, D56A, FRNY, etc.

IDC 05 15:33:17.8-4.5, 10.06N; 126.20E, h0km, mb3.2/3, mb1.3-4.9, mb1mx3.2/56, mbtmp3.2/3, Error ellipse: s-maj=37.5, s-min=29.6km az=65.0

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like GLSP, BUTP, MSLP, etc.

BUI 05 15:39:30.3-0.0, 22.59N; 118.45E, h11km, mb4.6/33, mb4.4/41, ML4.8/11, Ms4.5/38, Ms7.4/0.33

IDC 05 15:39:30.1-0.9, 22.46N; 118.40E, h0km, mb4.1/9, mb1.4/2.11, mb1mx3.7/68, mbtmp4.0/11, ML3.9/2, MS3.3/15, Ms1.3/4.15, ms1mx3.2/53, Error ellipse: s-maj=34.6km

NEIC 05 15:39:33.0-1.8, 22.90N; 0.07:118.43E:0.06, h24km, 4km, mb4.3/16, Error ellipse: s-maj=9.5km s-min=8.2km az=171.0

IDC 05 15:39:32.9-0.6, 22.61N; 0.06:118.46E:0.01, h17km, n78, 0.191/69, mb4.1/18, MS3.2/12, 1C-1D, Taiwan region

2015 FEB

Table with columns: ID, Station Name, Time, Res, and other details. Includes stations like KNMB, TPUB, SSSL, etc.

IDC 05 15:45:49.3-782.0, 52.95N; 33.98E, h0km, Error ellipse: s-maj=319.1km s-min=88.0km az=29.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like I43RU, I31KZ, I46RU, etc.

IDC 05 15:55:04.7-2.2, 56.20N; 154.64W, h0km, mb3.9/5, mb1.4/0.7, mb1mx3.6/45, mbtmp3.8/7, ML3.5/2, MS2.9/2, Ms1.2/9.2, ms1mx2.5/50, Error ellipse: s-maj=51.4km

NEIC 05 15:55:07.0-1.9, 56.58N; 0.03:154.89W:0.03, h19km, 5km, Error ellipse: s-maj=4.5km s-min=2.7km az=170.0

AEIC 05 15:55:07.2-0.5, 60.0N; 0.03:154.90W:0.05, h8km, 4km, ML3.6, mb3.8/3(NEIC), ML3.8/2(AEIC), Error ellipse: s-maj=5.3km s-min=3.5km az=142.0

IDC 05 15:55:06.4-1.6, 56.61N; 0.05:154.89W:0.04, h4km, 11km, n138, 0.193/2144, mb4.0/6, Kodiak Island region

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Table with columns: ID, Station Name, Time, Res, and other details. Includes stations like PSI, KAPI, KLR, etc.

IDC 05 15:55:04.7-2.2, 56.20N; 154.64W, h0km, mb3.9/5, mb1.4/0.7, mb1mx3.6/45, mbtmp3.8/7, ML3.5/2, MS2.9/2, Ms1.2/9.2, ms1mx2.5/50, Error ellipse: s-maj=51.4km

NEIC 05 15:55:07.0-1.9, 56.58N; 0.03:154.89W:0.03, h19km, 5km, Error ellipse: s-maj=4.5km s-min=2.7km az=170.0

AEIC 05 15:55:07.2-0.5, 60.0N; 0.03:154.90W:0.05, h8km, 4km, ML3.6, mb3.8/3(NEIC), ML3.8/2(AEIC), Error ellipse: s-maj=5.3km s-min=3.5km az=142.0

IDC 05 15:55:06.4-1.6, 56.61N; 0.05:154.89W:0.04, h4km, 11km, n138, 0.193/2144, mb4.0/6, Kodiak Island region

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like I43RU, I31KZ, I46RU, etc.

DFR	Drift River	4.16	15	Pn	15 56 11.2 +0.5
SVW2	Sparrevohn	4.52 356			15 56 14.8 -0.7
SVW2			IAML		15 57 30.6
comp=E,86nm,0.7s					
SEW	Seward	4.53	37	Pn	15 56 14.4 -1.2
CAPN	Capitan Cook N	4.61	23	Pn	15 56 15.6 -1.1
SLKM	Skolik Lake	4.61	30	Pn	15 56 16.4 -0.4
O22K	Skopok Landing	4.74	33	Pn	15 56 15.9 -2.5
CKL	Chachakama La	4.79	15	Pn	15 56 19.6 +0.3
SPCP	Crater Peak Br	4.88	16	Pn	15 56 20.5 -0.1
WAC	Wairangi	4.92	24	Pn	15 56 20.8 -0.9
FALS	False Pass	5.13 254			15 56 25.5 +1.6
STLK	Strandline Lake	5.16	17	Pn	15 56 24.4 +0.1
RC01	Rabbit Creek A	5.23	29	Pn	15 56 24.5 -0.8
SUA	Susitna One	5.32	22	Pn	15 56 26.5 -0.2
PWL	Port Wells	5.46	36	Pn	15 56 27.2 -1.3
SKT	Skwentna	5.51	16	Pn	15 56 30.9 -0.9
HIN	Hinchinbrook I	5.81	46	Pn	15 56 37.1 -1.5
PMR	Palmer	5.81	28	Pn	15 56 33.2 0.0
KNK	Knik Glacier	5.85	32	Pn	15 56 32.6 -1.3
GLI	Glacier Island	5.90	40	Pn	15 56 33.0 -1.4
FID	Port Fidalgo	6.04	43	Pn	15 56 34.2 -2.2
EVAK	Cordova Ski Ar	6.20 47			15 56 37.0 -1.5
SML	Sawmill	6.21	30	Pn	15 56 37.8 -1.0
TT01	Tatalina	6.35 355			15 56 40.3 -0.3
TTA	Tatalina	6.37 355			15 56 42.1 +1.1
KAIM	Kayak Island	6.45	55	Pn	15 56 40.3 -1.7
PPLA	Punkeby Island	7.12 59			15 57 03.4 +1.2
SCM	Sheep Creek Mo	6.52	33	Pn	15 56 42.1 -1.0
HMT	Hamilton	6.71 52			15 56 43.9 -1.7
KLU	Klutina	6.74 40			15 56 45.2 -0.8
BMRM	Bremner River	6.90 46			15 56 47.0 -1.2
M2AK	Tolsona, Glenn	7.09 35			15 56 50.3 -0.5
WATZ	Susitna Waters	7.12 24			15 56 50.9 -0.4
UNVA	Unalakula Valle	7.20 252			15 56 52.0 -0.2
TRF	Thorofore Moun	7.24 17			15 56 52.2 -0.8
KTH	Kantishna Hill	7.25 14			15 56 52.4 -0.6
N2SK	Chitina, Valde	7.29 42			15 56 52.8 -0.8
KULT	Kultheth River	7.32 55			15 56 53.4 +1.5
CROM	Cirque	7.40 29			15 56 53.6 -1.6
RND	Reindeer	7.46 21			15 56 54.7 -1.3
GLB	Gilgahna Butte	7.49 45			15 56 55.2 -1.1
VRDI	Verde Repeater	7.51 47			15 56 55.5 -1.3
TGK	Tana Glacier	7.53 51			15 56 55.4 -1.6
ISLK	Juniper Island	7.57 51			15 56 56.1 -1.2
MESA	MESA	7.68 57			15 56 57.2 -1.9
BPWA	Bear Paw Mtn.	7.76 13			15 56 58.1 -2.0
MCARA	McCarthy VSAT	7.77 47			15 56 58.5 -1.7
KIAG	Kiagna River	7.82 51			15 56 59.1 -1.8
YAH	Yahitne	7.85 56			15 57 00.1 -1.3
BALM	Baldy	7.85 56			15 57 01.6 -1.0
PAX	Paxson	7.95 33			15 57 01.6 -1.0
GRNC	Granite Creek	7.99 53			15 57 01.7 -1.7
BWN	Browne	8.05 17			15 57 03.6 +2.4
BARN	Barnard Glacie	8.18 51			15 57 04.7 -1.2
SAH	Samoava Hills	8.21 31			15 57 04.8 -1.5
CTGM	Chitina Glacie	8.28 53			15 57 05.5 -1.7
SPIA	Saint Paul Isl	8.43 280			15 57 10.1 +0.9
PCA	Pinnacle	8.45 59			15 57 08.2 -1.3
WRH	Wood River Hill	8.57 20			15 57 09.0 -2.0
BCPM	Bancas Point	8.71 61			15 57 11.8 -1.2
RIDG	Independent Ri	8.72 31			15 57 14.0 +0.8
HDA	Harding Lake	8.75 23			15 57 12.2 -1.2
CCB	Clear Creek Bu	8.78 20			15 57 10.9 -3.1
NKX	Nikolski High	8.85 252			15 57 13.1 -1.8
YUK2	White River	8.87 48			15 57 14.3 -1.1
DOT	Dot Lake	8.88 33			15 57 16.4 +1.0
MDM	Murphy Dome	8.99 18			15 57 15.2 -1.6
YUK3	Moose Creek	9.03 49			15 57 15.8 -1.8
IL31		9.08 22			15 57 16.1 -1.8
ILAR	Eielson Array	9.08 22			15 57 16.0 -1.9
comp=E,0.2nm,0.3s,baz=20,slow=15,SNR=1=1					
ILAR					15 57 55.5 -4.9
comp=E,0.1nm,0.3s,baz=21,slow=23,SNR=2.8					
ILAR	Eielson Array	9.08 22			15 57 16.3 -1.6
BC03		9.23 40			15 57 18.1 -1.9
BCAR	Beaver Creek A	9.27 31			15 57 18.8 -1.9
POKR	Poker Plat Res	9.27 30			15 57 21.9 -0.9
IM03		9.43 3			15 57 22.2 -0.5
IMAR	Indian Mountai	9.43 3			15 57 22.2 -0.5
ANM	Nome	9.49 332			15 57 22.2 -1.4
HYT	Haines Junctio	9.57 58			15 57 28.4 -1.0
EGAK	Eagle	10.58 34			15 57 37.8 +0.8
DAWY	Dawson	10.69 39			15 57 38.2 -1.9
SIT	Sitka	10.73 79			15 57 38.4 -2.1
FYU	Fort Yukon	10.98 21			15 57 43.1 -0.9
GAMB	Gambell	11.00 318			15 57 46.1 +1.8
JIS	Juneau Island	11.17 73			15 57 45.9 -0.7
WHY	Whitesea	11.17 60			15 57 44.3 -2.5
BM03	Burnt Mountain	11.85 20			15 57 53.8 -2.2
BMAR	Burnt Mountain	11.87 20			15 57 53.0 -3.1
RDOG	Red Dog Mine	12.06 345			15 57 59.4 +0.6
CRAG	Craig	12.22 86			15 57 59.0 -1.9
INK	Inuvik	15.22 31			15 58 45.8 -1.1
comp=E,0.3nm,0.3s,baz=249,slow=14,SNR=5.1					
INK					16 05 20.1
comp=E,25nm,20.5s,baz=75,slow=40					
INK	Inuvik	15.22 31			15 58 42.7 +1.0
INK			Iamb		15 59 02.3
comp=Z,2.4nm,0.7s					
AMKA	Amchitka	16.00 262			15 58 52.0 -0.1
C36M	Paulatuk	16.65 35			15 59 23.6 -1.1
C36M			Iamb		15 59 27.4
comp=Z,5.7nm,1.2s					
YKA	Yellowknife Ar	20.96 57			15 59 49.8 -0.2
comp=Z,2.7nm,0.8s,baz=271,slow=9.5,SNR=28					
WALA	Waterton Lakes	25.55 90			16 00 35.4 -0.7
WALA			Iamb		16 00 44.8
comp=Z,4.4nm,0.9s					
PETK	Petropavlovsk-	27.08 283			16 00 50.6 +0.9
JCJ	Chichijima	53.00 264			16 29 18.2
comp=Z,1.2nm,0.5s,baz=72,slow=7.4,SNR=10.0					
FINES	FINES Array B	62.29 359			16 05 29.4 +0.5
comp=Z,2.4nm,1.0s,baz=14,slow=7.7,SNR=1.6					
MKAR	Makanchi Array	66.46 321			16 05 58.2 +1.7
comp=Z,1.2nm,0.6s,baz=83,slow=7.7,SNR=3.0					
AKASG	Malin Array Be	73.01 357			16 06 35.9 +2.1
comp=Z,0.3nm,0.4s,baz=6.4,slow=6.2,SNR=3.0					
CMAR	Chiang Mai Arr	83.34 293			16 07 30.5 +0.5
comp=Z,0.5nm,0.8s,baz=13,slow=6.1,SNR=4.6					

BUJ 05 16:17:44.0,0.35,08N-24.88E,h13km,mb4.9/27, mb4.6/34,Ms4.7/3,Ms7.4/3
ISK 05 16:17:45.9,34.87N-25.43E,h15km,ML4.3/40
MOS 05 16:17:45.4,1.2,34.78N-25.46E,h14km,mb4.6/27, Error ellipse: s-maj=5.2km s-min=2.9km az=86.2
IDC 05 16:17:45.2,0.5,34.89N-25.48E,h0km,mb4.4/34, Mb1.4/44,mb1mx3.4/65,mbtmp4.3/44,ML4.0/9,MS3.5/25, Ms1.3/625,ms1mx3.4/59, Error ellipse: s-maj=11.1km s-min=7.0km az=23.0
MED_RC 05 16:17:46.0,0.3,34.74N-25.41E,h27km,1km,MW4.6/12, Moment Tensor Solution, Mantle waves: s12,c16; Duration: 1s0 Moment tensor: Scale 10¹⁹Nm; M=0.01±.10; Mw=0.61±.07; Mw0.60±.09; Mw0.01±.07; Mw0.71±.06; Mw0.20±.08; Best double couple; Mo=9,95000×10¹⁶ NP1:φ=70.00000°,φ79.00000°,λ5.00000°. NP2:φ=339.00000°,δ86.00000°,λ169.00000°. Principal axes: T 0.9600,Plg11.0000°,Az294.0000°; N -0.0200,Plg78.0000°,Az137.0000°; P -0.9400,Plg4.0000°,Az25.0000°; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.
THE 05 16:17:46.5,1.4,34.90N-25.46E,h0km,1km,ML4.3/12 Error ellipse: s-maj=1.9km s-min=0.6km az=168.0
NIC 05 16:17:46.4,0.0,34.45N-25.72E,h0km,6km,M15.0/3
NEIC 05 16:17:47.9,2.6,34.83N-25.39E,0.06,h17km,4km, mb4.6/72,Mw4.4/13,ML4.3(1THE) Error ellipse: s-maj=9.4km s-min=6.7km az=202.0
ATH 05 16:17:47.1,34.91N-25.43E,h16km,1km,ML4.4/15, Error ellipse: s-maj=2.1km s-min=1.2km az=355.0
NEIC 05 16:17:47.1,34.83N-25.38E,h20km, Moment Tensor Solution. Moment tensor: Scale 10¹⁹Nm; Mr=1.76; Mw=2.11; Mw3.86; Mw1.89; Mw2.34; Mr=1.37; Fault plane solution: M4.70000×10¹⁵ NP1:φ=237.54000°,δ58.94000°,λ-24.42000°. NP2:φ=340.72000°,δ69.26000°,λ-146.52000°. Principal axes: T 4.7477,Plg7.0000°,Az1107.0000°; N -0.0892,Plg51.000°,Az299.0000°; P -4.6585,Plg38.0000°,Az202.0000°
DDA 05 16:17:49.0,34.81N-25.30E,h36km,328km,MW4.3
HLW 05 16:17:54.3,34.35N-25.89E,h16km,8km,Md4.4
ISC 05 16:17:46.7,0.7,34.86N-25.42E,0.02,h9km,3km, m579,r167/627,mb4.6/102,MS3.6/23,24C-37D,Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
FRMA	Ierapetra Chan	0.30	58	Op	16 17 54.1 -0.1	
FRMA				S	16 18 00.2 +0.9	
LAST	Lasithi	0.31	9	P	16 17 52.6 -0.3	
LAST				S	16 17 57.1 +0.1	
LAST				AML	16 17 57.4	
LAST				AML	16 17 57.5	
LAST	Lasithi	0.31	9	P	16 17 52.6 -0.3	
LAST				S	16 17 57.1 +0.1	
NPS	Neapolis	0.43	21	P	16 17 54.5 -0.7	
NPS				S	16 18 00.1 -0.9	
NPS				AML	16 18 01.9	
comp=N,9007μm,0.4s						
NPS	Neapolis	0.43	21	P	16 17 54.5 -0.7	
NPS				S	16 18 00.1 -0.9	
comp=N,55μm,0.4s						
NPS	Neapolis	0.43	21	P	16 17 54.5 -0.7	
HRKL	Herakleio	0.53	33	P	16 17 56.6 -0.3	
HRKL				S	16 18 04.8 -1.0	
HRKL	Herakleio	0.53	330	PG	16 17 56.6 -0.3	
HRKL				SG	16 18 04.6 +0.8	
SIVA	Sivas	0.53	288	P	16 17 57.1 +0.1	
SIVA				AML	16 18 15.6	
comp=N,71905μm,0.6s						
SIVA	Sivas	0.53	288	P	16 18 20.2	
SIVA				S	16 17 57.2 +0.3	
SIVA				Sb	16 18 06.7 +0.9	
comp=N,46μm,0.7s						
KSTL	Kastelli Herak	0.53	327	P	16 17 53.6 -3.4	
KSTL				S	16 17 56.8 -5.2	
KSTL	Heraklion	0.53	328	P	16 17 56.6 -0.3	
KSTL				S	16 18 16.8	
KSTL				AML	16 18 18.8	
KSTL	Heraklion	0.53	328	P	16 17 56.6 -0.3	
KSTL				S	16 18 05.2 -0.8	
KSTL	Timbaki Herakl	0.58	292	S	16 17 56.6 -0.3	
KSTL				Sb	16 18 08.5 +1.2	
comp=N,13μm,0.8s						
IDI	Anoia	0.61	315	P	16 17 57.7 -0.8	
comp=N,784nm,0.3s,baz=129,slow=14,SNR=252						
IDI				LG	16 18 06.5	
comp=N,1μm,0.3s,baz=14,slow=19,SNR=30						
IDI				LR	16 18 21.4	
comp=N,1μm,19.6s,baz=302,slow=58						
IDI	Anoia	0.61	315	P	16 17 57.9 -0.7	
IDI				S	16 18 07.0 +0.3	
IDI				AML	16 18 09.6	
comp=N,34470μm,0.5s						
IDI				AML	16 18 16.5	
comp=E,26416μm,0.4s						
IDI	Anoia	0.61	315	P	16 17 57.8 -0.8	
IDI				S	16 18 07.5 +0.9	
comp=E,15μm,0.5s						
STIA	Sitia Lasithi	0.65	58	P	16 17 57.6 -1.6	
STIA				S	16 18 07.4 -0.4	
ZKR	Zakros	0.70	68	P	16 17 59.7 -0.6	
ZKR				S	16 18 10.0 +0.5	
ZKR	Zakros	0.70	68	P	16 17 59.6 -0.6	
ZKR				Sb	16 18 10.4 -0.5	
comp=E,248μm,0.4s						
ZKR	Zakros	0.70	68	PG	16 17 59.6 -0.6	
ZKR				SG	16 18 10.2 -0.7	
ZKR	Gavdos	1.09	270	P	16 18 08.4 +0.2	
ZKR				Sb	16 18 20.4 +0.6	
comp=E,10μm,0.9s						
GVDS	Gavdos	1.09	270	PN	16 18 07.8 0.0	
GVDS	Gavdos	1.10	270	P	16 18 08.1 -0.1	
GVDS				AML	16 18 31.4	
comp=E,29659μm,1.0s						
GVD				AML	16 18 33.9	
comp=N,20976μm,0.6s						
GVD	Gavdos	1.10	270	P	16 18 08.0 +0.2	
GVD				S	16 18 24.2 +0.7	
comp=N,12μm,0.8s						
GVD	Gavdos	1.10	270	PN	16 18 07.7 -0.1	
VAM	Vamos	1.14	299	P	16 18 07.5 -1.1	
VAM				AML	16 18 28.4	
comp=E,23306μm,0.6s						
VAM				AML	16 18 32.2	
comp=N,23424μm,0.3s						
VAM	Vamos	1.14	299	P	16 18 07.4 -1.2	
VAM				S	16 18 25.0 +0.4	
comp=N,14μm,0.7s						
VAM	Vamos	1.14	299			

5d 17h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Lefkada island, Nydri-Lefkada, Kardakata, etc.

2015 FEB

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like ARSA Arzberg, KBA Koelnbreinsper, ABTA Abfattersbach, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like YAH Yahtse, ANM Nock, RKAV Rock Avalanche, etc.

Additional technical notes and coordinates for stations, including NEIC 05 17:02:02.5, 1.1, 29.69N, 52.19E, h0km, mb3.9/1.4, etc.

TEH 05 17:02:03.7, 28.83N, 52.30E, h8km, ML3.7
THR 05 17:02:05.0, 3.0, 28.98N, 52.20E, h6km, gkm, ML3.6
ISC 05 17:02:04.0, 6.0, 28.76N, 0.05, 52.20E, 0.05, h10km, n61,
a=145/62, mb3.7/1.5, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 2015 FEB event.

NOU 05 17:32:21.0, 15.32S, 167.70E, h17km, MLv4.6, Vanuatu Islands, Vanuatu Islands
Code Station Name Az AzZ Phase ID Time Res ISC
SANV Sarautou 0.50 255 P P 17 32 31.9 +0.6
DVP Devils Point 2.44 169 P P 17 32 59.9 -0.1

IDC 05 17:54:25.1, 3.0, 38.14N, 142.02E, h64km, 19km, mb3.3/4,
mb1 3.9/9, mb1mx3.3/3.5, mbtmp3.7/9, MS3.7/1, Ms1 3.8/1,
ms1mx2.5/2.4, Error ellipse: s-maj=39.7km s-min=13.2km
az=121.0
JMA 05 17:54:25.9, 38.15N, 141.73E, h55km, 1km, MA=0
JMA Felt 1 J1.
NIED 05 17:54:25.9, 38.15N, 141.73E, h55km, MW3.8, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm;
M=2.38; M0=0.98; M0=3.37; M0=2.53; M0=1.55; M0=3.79;
Fault plane solution: Ms: 6.53000x10^14 NP1:
0.912, 0.0000, 0.76, 0.0000, 0.119, 0.0000. NP2:
0.912, 0.0000, 0.32, 0.0000, 0.26, 0.0000.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Honshu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for 2015 FEB event.

IDC 05 17:55:33.5, 1.0, 33.24S, 178.37W, h0km, mb4.3/5,
mb1 4.0/9, mb1mx4.2/35, mbtmp4.4/9, ML4.1/4, MS3.8/5,
Ms1 3.8/5, ms1mx3.3/4.0, Error ellipse: s-maj=34.4km
s-min=21.7km az=102.0
WEL 05 17:55:36.6, 1.0, 33.3S, 173.17W, h3.1km, h133km, 3/1,
M4.7/8, mb4.9/4, mlm=0.0km az=111.3
NEIC 05 17:55:36.4, 1.7, 33.07S, 0.08, 178.6W, 0.2, h17km, 2km,
mb4.6/11, Error ellipse: s-maj=20.4km s-min=10.9km
az=108.0

ISC 05 17:55:38.3, 0.6, 33.12S, 0.06, 178.61W, 0.10, h32km, n70,
a=247/778, mb4.5/10, MS3.8/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for South of Kermadec Islands.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for 5d 18h event.

MEX 05 17:56:57.4, 1.3, 27.99N, 112.41W, h5km, MD4.3,
IDC 05 17:56:59.6, 1.4, 27.66N, 111.41W, h0km, mb3.7/3,
mb1 3.9/9, mb1mx3.7/42, mbtmp3.6/9, ML3.6/6, MS3.8/2/3,
Ms1 3.8/23, ms1mx3.7/35, Error ellipse: s-maj=19.2km

ISC 05 17:56:59.1, 0.8, 27.55N, 0.05, 111.61W, 0.04, h10km, n38,
a=261/233, mb3.8/3, MS3.8/17, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Gulf of California.

UPP 05 18:03:26.9, 0.1, 67.07N, 20.95E, h0km, ML2.2, Explosion
IDC 05 18:03:27.3, 1.1, 67.00N, 21.08E, h0km, mb1 3.2/3,
mb1mx3.0/36, mbtmp3.1/3, MS3.1/8, Error ellipse:
s-maj=21.4km s-min=9.6km az=105.0
HEL 05 18:03:27.7, 0.1, 67.06N, 20.94E, h0km, ML2.1,
ML2.2(UPP), Explosion
ISC 05 18:03:26.8, 0.8, 67.05N, 0.02, 20.93E, 0.03, h0km, n36,
a=192/439, Sveden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like SAUCER BASIN, LION CREEK, MPA, etc.

IDC 05/20/04:48.9, 1.58:35S:24:48W, h0km, mb4.2/3, mb1 4.4/3, mb1mx4.0/23, mbtmp4.2/3, Error ellipse: s-maj=82.9km s-min=34.7km az=178.0

NEIC 05/20/04:49.1, 1.7, 58:8S:0:2:23:8W, 0.3, h25km, 6km, mb4.3/12, Error ellipse: s-maj=24.5km s-min=18.5km az=150.0

ISC 05/20/04:47.6, 0.8, 58:9S:0:1:24:0W, 0.1, h10km, n26, +128/23, mb4.2/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like HOPE, VNA1, VNA3, VNA2, etc.

NEIC 05/20:10:01.4, 0.9, 9:6S:0:2:160:8E, 0.1, h109km, 5km, mb4.2/10, Error ellipse: s-maj=25.3km s-min=15.1km az=189.0

IDC 05/20:10:01.8, 1.8, 9:6S:160:71E, h105km, 8km, mb3.5/7, mb1 3.7/8, mb1mx3.5/31, mbtmp3.8/8, Error ellipse: s-maj=31.1km s-min=21.8km az=105.0

ISC 05/20:09:59.7, 0.9, 9:7S:0:1:160:9E, 0.1, h100km, n26, +059/27, mb3.7/11, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like HNR, DZM, PMG, WRO, WB0, WRAB, WB2, WRA, STKA, etc.

mb1 4.3/3, mb1mx3.7/36, mbtmp4.1/3, MS3.5/1, ms1mx2.6/32, Error ellipse: s-maj=850.8km s-min=156.6km az=78.0, Fiji Islands region

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

MOS 05/20:28:41.4, 0.9, 38:67N:141:94E, h55km, mb4.7/16, Error ellipse: s-maj=7.7km s-min=5.3km az=112.7

JMA 05/20:28:42.9, 38:62N:141:90E, h48km, 1km, M4.1, JMA Fell II J1.

NIED 05/20:28:43.0, 38:62N:141:90E, h48km, MW4.1, Moment Tensor Solution, s Moment tensor: Scale 10^15Nm, M1:1.05, M2:0.11, M3:0.94, M4:0.45, M5:1.18, Fault plane solution: M1:6.700x10^15 NP1:22.00000, 570.00000, 1.89.00000. NP2:205.00000, 820.00000, 1.93.00000.

NEIC 05/20:28:43.1, 1.1, 38:60N:0:05:141:92E, 0.09, h57km, 5km, mb4.5/27, Error ellipse: s-maj=10.2km s-min=7.5km az=112.0

IDC 05/20:28:43.4, 0.7, 38:60N:141:88E, h55km, 6km, mb3.7/18, mb1 3.9/24, mb1mx3.8/42, mbtmp4.0/24, MS3.1/9, Ms1 3.2/9, ms1mx2.9/43, Error ellipse: s-maj=15.1km s-min=10.0km az=118.0

ISC 05/20:28:42.8, 0.6, 38:61N:0:04:141:98E, 0.05, h56km, 4km, n179, +131/197, mb4.3/51, MS3.1/5, 7C-10D, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like H11N1, H11N3, H11S1, H11S3, H11S2, TLY, TLY, ZAK, ZAK, etc.

Table with columns: IUG, SVE, ARU, etc. Station Name, Az, Phase ID, Time, Res. Includes stations like Luzhnyy, Sverdlovsk, Arti, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Boso 1, Boso 3, Odawara 2, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Karatay Array, Ala-Archa, Tokmak 2, etc.

ECX 05 21:46:04.5:0.5, 30.67N:114.16W, h19km, 14km, MD2.5, ML2.6

MEX 05 21:46:06.7:17.0, 30.98N:114.05W, h15km, MD4.0

ISC 05 21:46:00.2:2.30, 70.0N:2.114:04W:0.06, h10km, n9, e1915, 13, 3C-1D, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Felipe, Pinacate, El Chirero, etc.

IDC 05 21:49:38.7:1.0, 43.224N:20.76E, h0km, mb3.6/7, mb1 3.8/16, mb1mx3.7/64, mbtmp3.7/16, ML3.7/16, MS3.1/12, Ms1 3.1/12, ms1mx2.9/59, Error ellipse: s-maj=15.6km s-min=9.8km az=7.0

MED_RC 05 21:49:39.0:0.9, 43.23N:20.88E, h14km, 5km, MW4.1/9, Moment Tensor Solution, Mantle waves: s9, c11; Duration: 19.0

BE0 05 21:49:39.8:0.2, 43.22N:20.93E, h11km, 4km, ML4.0/11 LDG 05 21:49:39.2:0.1, 43.28N:20.85E, h2km, M13.6/17, Error ellipse: s-maj=3.0km s-min=2.6km az=7.0

KRSZO 05 21:49:39.1:0.6, 43.22N:20.89E, h5km, 4km, ML4.6/42, Error ellipse: s-maj=2.5km s-min=2.1km az=145.0

MOS 05 21:49:39.6:1.4, 43.28N:20.86E, h15km, mb4.3/4, Error ellipse: s-maj=4.5km s-min=2.8km az=100.8

RHSSO 05 21:49:40.3:0.6, 43.26N:20.90E, h9km, 2km, ML4.2/15 NEIC 05 21:49:40.6:1.9, 43.26N:20.03:20.88E:0.04, h8km, 1km, Error ellipse: s-maj=4.7km s-min=3.8km az=123.0

PDG 05 21:49:40.0:0.3, 43.23N:20.87E, h15km, MD3.9/9, ML3.7/12, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

TIR 05 21:49:41.7, 43.09N:20.91E, h10km, 1km, M4.2 THE 05 21:49:41.2, 43.20N:21.08E, h1km, 6km, ML3.9/7, Error ellipse: s-maj=10.3km s-min=1.5km az=344.0

PRU 05 21:49:41.7:0.0, 43.38N:21.00E, h1km, M3.8 ISC 05 21:49:38.9:1.0, 43.24N:20.01:20.88E:0.01, h11km, 7km, n701, r194/1042, mb3.8/12, MS3.2/4, 50C-42D, Northwestern Balkan Peninsula

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

IDC 05 20:38:54.8:1.3, 30.47N:142.53E, h0km, mb3.4/6, mb1 3.7/7, mb1mx3.5/38, mbtmp3.5/7, ML2.9/1, Error ellipse: s-maj=49.5km s-min=21.6km az=79.0

JMA 05 20:38:57.0:1.1, 31.01N:143.08E, h8km, M3.8 ISC 05 20:39:01.8:1.7, 31.1N:142.8E:0.2, h3km, n15, e1523/17, mb3.5/5, Southeast of Honshu

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

IDC 05 20:45:36.5:1.7, 0.34N:128.81E, h0km, mb3.3/4, mb1 3.5/5, mb1mx3.3/34, mbtmp3.3/5, ML2.6/1, MS3.3/1, Ms1 3.3/1, ms1mx2.5/14, Error ellipse: s-maj=57.7km s-min=26.6km az=58.0, Halmaheira

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

Table with columns: BBSL, BBSL, BBSL, etc. Station Name, Az, Phase ID, Time, Res. Includes stations like Lazi#263i, Kucevo, etc.

ISC 05 21:46:00.2:2.30, 70.0N:2.114:04W:0.06, h10km, n9, e1915, 13, 3C-1D, Gulf of California

ISC 05 21:46:00.2:2.30, 70.0N:2.114:04W:0.06, h10km, n9, e1915, 13, 3C-1D, Gulf of California

ISC 05 21:46:00.2:2.30, 70.0N:2.114:04W:0.06, h10km, n9, e1915, 13, 3C-1D, Gulf of California

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

IDC 05 21:49:38.7:1.0, 43.224N:20.76E, h0km, mb3.6/7, mb1 3.8/16, mb1mx3.7/64, mbtmp3.7/16, ML3.7/16, MS3.1/12, Ms1 3.1/12, ms1mx2.9/59, Error ellipse: s-maj=15.6km s-min=9.8km az=7.0

MED_RC 05 21:49:39.0:0.9, 43.23N:20.88E, h14km, 5km, MW4.1/9, Moment Tensor Solution, Mantle waves: s9, c11; Duration: 19.0

BE0 05 21:49:39.8:0.2, 43.22N:20.93E, h11km, 4km, ML4.0/11 LDG 05 21:49:39.2:0.1, 43.28N:20.85E, h2km, M13.6/17, Error ellipse: s-maj=3.0km s-min=2.6km az=7.0

KRSZO 05 21:49:39.1:0.6, 43.22N:20.89E, h5km, 4km, ML4.6/42, Error ellipse: s-maj=2.5km s-min=2.1km az=145.0

MOS 05 21:49:39.6:1.4, 43.28N:20.86E, h15km, mb4.3/4, Error ellipse: s-maj=4.5km s-min=2.8km az=100.8

RHSSO 05 21:49:40.3:0.6, 43.26N:20.90E, h9km, 2km, ML4.2/15 NEIC 05 21:49:40.6:1.9, 43.26N:20.03:20.88E:0.04, h8km, 1km, Error ellipse: s-maj=4.7km s-min=3.8km az=123.0

PDG 05 21:49:40.0:0.3, 43.23N:20.87E, h15km, MD3.9/9, ML3.7/12, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

TIR 05 21:49:41.7, 43.09N:20.91E, h10km, 1km, M4.2 THE 05 21:49:41.2, 43.20N:21.08E, h1km, 6km, ML3.9/7, Error ellipse: s-maj=10.3km s-min=1.5km az=344.0

PRU 05 21:49:41.7:0.0, 43.38N:21.00E, h1km, M3.8 ISC 05 21:49:38.9:1.0, 43.24N:20.01:20.88E:0.01, h11km, 7km, n701, r194/1042, mb3.8/12, MS3.2/4, 50C-42D, Northwestern Balkan Peninsula

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

IDC 05 20:38:54.8:1.3, 30.47N:142.53E, h0km, mb3.4/6, mb1 3.7/7, mb1mx3.5/38, mbtmp3.5/7, ML2.9/1, Error ellipse: s-maj=49.5km s-min=21.6km az=79.0

JMA 05 20:38:57.0:1.1, 31.01N:143.08E, h8km, M3.8 ISC 05 20:39:01.8:1.7, 31.1N:142.8E:0.2, h3km, n15, e1523/17, mb3.5/5, Southeast of Honshu

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

IDC 05 20:45:36.5:1.7, 0.34N:128.81E, h0km, mb3.3/4, mb1 3.5/5, mb1mx3.3/34, mbtmp3.3/5, ML2.6/1, MS3.3/1, Ms1 3.3/1, ms1mx2.5/14, Error ellipse: s-maj=57.7km s-min=26.6km az=58.0, Halmaheira

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

5d 21h

2015 FEB

Table with multiple columns containing station names (e.g., HCY, TREB, FRGS, etc.), call signs, frequencies, and other technical details. The table is organized into several vertical sections, each representing a different station or group of stations. Each row typically includes a call sign, a frequency, a power level, and a signal-to-noise ratio (SNR). The stations listed include various regional and national broadcasters across different parts of the world, such as Serrai, Mirkonjic Grad, and many others.

Table with columns: ID, Name, Time, Res, and various parameters. Includes entries like NORASR Subarra, NORASR Array B, NORASR Array S, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes entries like GIRL Giralia, GIRT Forrest, BBOO Buckleboo, etc.

ADC 05 22:09:28.54, 0.2'22N, 127.07E, h92km, 39km, mb3.76, mb1.3, mb1mx3.4/37, mbmp4.1/7, MS2.7/1, Ms1 2.7/1, ms1mx2.2/44, Error ellipse: s-maj=59.6km s-min=16.6km

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes entries like TINTI Ternate, TINTI Ternate, SGSI Sangihe, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes entries like ABKAR Akbulak array, CHGN Chignik, HDHA Harding Lake, etc.

MDD 05 22:10:41.2±2.9, 38.70N, 14.63W, h0km, mb3.7/11, Error ellipse: s-maj=26.8km s-min=18.4km az=70.0, PRXIMO INMG 05 22:10:44.1±1.2, 38.68N, 14.99W, h10km, ML2.4, Error ellipse: s-maj=10.7km s-min=5.8km az=68.0

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes entries like PMAFR Mafra, PMAFR Mafra, PTEO Sa Teotonia, etc.

ADC 05 22:17:26.0±1.8, 7.19S, 129.03E, h160km, 17km, mb3.8/11, mb1.4/0.15, mb1mx3.8/43, mbmp4.4/15, MS3.4/5, Ms1 3.4/5, ms1mx2.9/38, Error ellipse: s-maj=16.5km s-min=11.5km az=70.0

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes entries like SAUI Saumlaki, SAUI Saumlaki, BNDI Bandanaira, etc.

NEIC 05 21:57:53.9±1.5, 13.13N, 0.09±143.7E, 0.1, h219km, 8km, mb4.4/29, Error ellipse: s-maj=18.7km s-min=12.6km az=106.0

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes entries like GUMO Guam, GUMO Guam, ANAZ Anatahan, etc.

FITZ	7.2nm,0.3s,baz=27,slow=9.8,SNR=156	S	Sn	22 21 59.7	-10
FITZ	5.3nm,0.3s,baz=292,slow=23,SNR=4.1	LR	LR	22 25 06.0	
FITZ	comp=Z,127nm,19.1s,baz=14,slow=1	LR	LR	22 20 01.9	-1.8
FITZ	Fitzroy Crossi	11.36 197	P	22 20 19.5	-0.7
WBS	Taliwang, Sumb	12.16 262	P	22 20 28.9	-2.9
WRB	Warramunga Arr	13.55 158	Pn	22 20 30.3	-3.2
WRAB	Tennant Creek	13.68 159	Pn	22 20 29.6	-4.0
WRA	Warramunga Arr	13.69 159	Pn	22 22 52.5	-13
WRA	Jajjig, Banyuwa	14.83 284	P	22 27 00.5	
WB2	Warramunga Arr	13.69 159	Pn	22 20 31.5	-2.2
WR0	Warramunga Arr	13.68 158	Pn	22 20 32.2	-2.6
EBKI	Sanjar Baru	14.63 284	P	22 20 53.7	+6.1
JAGI	Jajjig, Banyuwa	14.83 284	Pn	22 20 48.0	0.0
COEN	Coen	15.42 117	P	22 20 55.6	+0.4
MTKI	Muara Teweih, K	15.42 293	P	22 21 06.8	+2.0
MYLDM	Lahad Datu	16.18 319	Iamb	22 21 25.4	
PSA00	Pilbara Seismi	16.86 211	Iamb	22 21 13.9	+1.2
PSA00	Pilbara Seismi	16.86 211	Iamb	22 21 13.1	+0.4
AS31	Alice Springs	17.05 165	Iamb	22 21 15.2	+0.2
ASAR	Alice Springs	17.05 165	Pn	22 21 15.4	+0.4
ASAR	Alice Springs	17.05 165	Pn	22 21 15.1	+0.1
PMG	Port Moresby	18.04 98	P	22 21 25.9	+0.7
KKM	Kota Kinabalu	18.35 315	Iamb	22 21 29.3	+0.6
UGM	Wanagama	18.40 267	P	22 21 29.9	+0.8
SBUM	Sibu	19.34 299	P	22 21 40.5	+1.1
KSM	Kuching	20.59 294	P	22 21 53.0	+0.2
GIRL	Giralia	20.99 221	P	22 21 59.0	+2.0
CTAO	Charters Tower	21.04 129	Iamb	22 21 58.2	+0.6
CISI	Cisompet, Garu	21.08 268	P	22 21 57.9	-0.1
DBJ	Dramaga	22.16 270	P	22 22 08.4	-1.0
FORT	Forrest	23.50 182	P	22 22 22.0	+0.4
MORW	Morawa	25.00 208	P	22 22 36.1	+0.8
BBOO	Buckleboo	26.32 167	P	22 22 47.0	-0.1
STKA	Stevens Creek	27.22 156	P	22 22 54.8	-0.3
STKA	Stevens Creek	27.22 156	P	22 22 54.8	-0.3
RPSI	Rantau Prapat	31.64 287	P	22 22 55.2	0.0
PSI	Prapat	31.67 287	P	22 22 34.4	-0.5
CAN	Canberra	33.47 150	P	22 23 50.5	+0.3
TOO	Toolangi	33.74 156	P	22 23 53.8	+1.3
SANVU	Saraozom	38.24 106	P	22 24 30.4	-0.6
DZM	Dzong Dzumac	38.95 116	P	22 24 35.7	-1.3
CMAR	Chiang Mai Arr	39.14 311	P	22 24 38.6	+0.2
HHC	Hu-ho-hao-te	50.42 343	eP	22 26 08.8	+1.3
MLZ	Mavora Lakes	50.86 145	P	22 26 10.2	-0.5
WHZ	Wether Hill Ro	51.08 146	P	22 26 12.4	+0.1
QRZ	Quartz Peaks	51.15 138	P	22 26 13.4	+0.5
RPZ	Rata Ranga	51.67 142	P	22 26 17.8	+1.0
LSA	Lhasa	51.69 317	P	22 26 18.4	+0.8
LTZ	Lake Taylor	51.95 140	P	22 26 19.0	+0.2
TUWZ	Tuaranira	52.37 138	P	22 26 21.6	-0.3
JKA	Kamikawa-asahi	52.50 12	Iamb	22 26 22.8	+0.1
TAPN	Tapeljung	52.71 312	eP	22 26 25.4	+0.4
GTA	Gaotai	53.68 322	eP	22 26 37.2	+5.5
GUN	Gumba	54.37 312	eP	22 26 37.2	+3.1
PKI	Pulchoki	54.54 311	eP	22 26 38.0	-0.3
PKN	Kakani	54.75 311	eP	22 26 39.4	-0.3
GKN	Gorkha	55.34 311	eP	22 26 43.8	-0.1
DANN	Dangchu	56.18 311	eP	22 26 49.6	-0.4
SONM	Songino Array	58.32 342	P	22 27 04.4	0.0
WMO	Wumji	63.04 328	eP	22 27 38.9	+2.5
KSH	Kashi	67.52 318	P	22 28 06.2	+0.8
MKAR	Makanchi Array	67.86 327	P	22 28 07.4	+0.1
MKAR	Makanchi Array	67.86 327	P	22 28 07.2	-0.1
MK1	Makanchi Array	67.86 327	P	22 28 07.6	+0.3
MAK2	Makanchi	68.04 327	P	22 28 08.4	+0.1
AAK	Ala-Archa	70.08 320	P	22 28 21.1	+0.1
ZALV	Zalesov Array B	71.33 334	P	22 28 26.6	-1.7
SEY	Seymchan	72.15 11	P	22 28 33.5	+0.5
KURB	Kurchatov Arr	72.17 329	P	22 28 33.0	-0.5
KURK	Kurchatov	72.18 329	P	22 28 33.1	-0.4
VNDA	Vanda	72.39 173	P	22 28 34.0	-0.3
KKAR	Karatay Array	72.86 319	P	22 28 37.6	-0.1
SOCY	Socotra	77.07 284	P	22 28 59.9	-2.6
BVAR	Borovoye Array	77.72 328	P	22 29 04.6	-0.6
ABKAR	Abkubal array	82.07 322	Iamb	22 29 28.0	-0.7
ARCES	Arcees Array B	101.42 340	P	22 30 59.0	0.0
TORD	Torodi Arr. Bea	127.93 281	PKP	22 36 13.7	-0.4
CPUP	Villa Florida	146.12 170	PKP	22 36 47.3	+0.1
LPAZ	La Paz	151.14 144	PKP	22 36 53.5	-2.8

LPAZ	comp=Z,0.4nm,0.4s,baz=180,slow=5.1,SNR=1.7	PKPbc	PKPbc	22 37 02.2	-0.1
	comp=Z,1.5nm,0.9s,baz=35,slow=3.7,SNR=5.7				
	TUL 05 22:24:15.5:1.0,36:81N:0:02:98:28W:0:04,h7km,6km, ML3.3,mb,1.69(NEIC),Error ellipse: s-maj=4.4km s-min=2.4km az=78.0				
	NEIC 05 22:24:15.9:0.8,36:81N:0:009:98:28W:0:05,h9km,6km, Error ellipse: s-maj=5.5km s-min=0.9km az=79.0				
	ANF 05 22:24:16.1:0.8,36:81N:98:25W,h8km,ML3.9/5, Error ellipse: s-maj=9.5km s-min=7.6km az=97.0				
	ISC 05 22:24:15.9:1.1,36:80N:0:02:98:27W:0:03,h7km,9km, n59,0:57/51,Oklahoma				
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
KAN14	Manchester OK	0.29 57	Pg	22 24 21.7	+0.3
GC02	Grant County #	0.33 81	Pg	22 24 22.5	+0.1
KAN10	Anthony SW Sta	0.35 23	Sg	22 24 22.6	-0.2
CROK	Carrier	0.37 44	Sg	22 24 27.6	+0.2
KAN05	Bluff City Nor	0.42 46	Pg	22 24 24.2	-0.3
KAN01	Argonia South	0.54 49	Pg	22 24 26.2	+0.1
KAN12	Harper NE Stat	0.54 23	Pg	22 24 26.3	+0.3
KAN13	South Haven SW	0.67 71	Pg	22 24 28.5	-0.2
U32A	Winter Ranch,	0.73 235	Pg	22 24 29.3	-0.6
OK029	Liberty Lake	1.20 147	Pn	22 24 38.0	-1.0
QUOK	Quay	1.41 116	Pn	22 24 41.9	-0.1
T35A	Sooner Cattle	1.41 85	Pn	22 24 41.7	-0.4
OK031	S. Brethren Rd	1.43 126	Pn	22 25 01.7	+0.4
OK025	Westminster Rd	1.43 148	Pn	22 24 42.4	0.0
OK020	Cody Creek RV	1.48 126	Pn	22 24 42.9	-0.2
OKCFA	Oklahoma City	1.53 154	Pn	22 24 43.8	-0.3
OKLAHOMA	OKLAHOMA CITY	1.53 154	Pn	22 24 43.8	-0.2
W35A	Long Quarter,	1.66 348	Pn	22 24 45.0	-0.2
W35A	Tecumseh	2.00 145	Pn	22 24 50.6	+0.4
WMOK	Wichita Mounta	2.10 192	P	22 24 52.6	+1.0
WMOK	Wichita Mounta	2.10 192	Pn	22 25 18.5	+0.5
TUL1	Leonard	2.19 113	Pn	22 24 53.1	+1.0
TUL1	Leonard	2.19 113	S	22 25 19.8	-0.3
TUL1	Leonard	2.19 113	Pn	22 24 53.5	+0.8
CBKS	Cedar Bluff	2.32 330	P	22 24 56.4	-0.1
CBKS	Cedar Bluff	2.32 330	S	22 25 23.5	0.0
CBKS	Cedar Bluff	2.32 330	Pn	22 24 55.3	+0.6
KSU1	Kansas State U	2.64 29	Pn	22 24 59.0	+1.5
KSU1	Kansas State U	2.64 29	Pn	22 25 46.1	
U38A	Gravette	3.14 95	Pn	22 25 06.9	+1.0
X37A	Clayton	3.23 132	Pn	22 25 07.9	+0.8
AMTX	Amarillo	3.37 236	P	22 25 09.9	+0.8
AMTX	Amarillo	3.37 236	S	22 25 49.7	+0.2
AMTX	Amarillo	3.37 236	Pn	22 25 09.9	+0.8
Z35A	Percharven, San	3.56 166	Pn	22 25 11.5	-0.2
N33A	J B, Exete	3.98 9	Pn	22 25 16.9	-0.5
KSCO	Kanss Redlock	4.09 304	Iamb_Lg	22 26 28.0	
U40A	Yellville	4.38 94	Iamb_Lg	22 26 33.0	
MIAR	Mount Ida	4.43 119	Iamb_Lg	22 26 38.4	
Z38A	Mt. Pleasant	4.44 142	Pn	22 25 23.5	-0.2
BGNE	Belgrade	4.60 1	Pn	22 25 25.7	-0.3
MXST	Muleshoe	4.64 234	Iamb_Lg	22 26 47.8	
P38A	Dawn	4.67 51	Iamb_Lg	22 26 48.7	
MGMO	Mountain Grove	4.81 84	Pn	22 25 28.7	-0.2
WHXT	Lake Whitney,	4.84 172	Pn	22 25 29.2	-0.1
X40A	Ozark Creek Fa	4.99 116	Iamb_Lg	22 26 58.7	
FCAR	Basin Folk Cen	5.04 99	Iamb_Lg	22 26 55.7	
WHAR	Woolly Hollow	5.07 106	Iamb_Lg	22 27 05.0	
OGNE	Ogallala	5.07 326	Iamb_Lg	22 27 08.6	
237A	Washetta, Mont	5.20 156	Pn	22 25 33.5	-0.7
WLAR	White Oak Lake	5.24 125	Iamb_Lg	22 27 15.2	
P40A	Paris	5.61 59	Iamb_Lg	22 27 15.0	
CCM	Cathedral Cave	5.73 75	Iamb_Lg	22 27 18.5	
435B	Jarrell	6.03 174	Iamb_Lg	22 27 28.4	
N41A	Harden Midland	6.98 54	Iamb_Lg	22 27 60.0	
PHWY	Pilot Hill	7.17 311	Iamb_Lg	22 28 13.3	
S44A	Carbondale	7.24 80	Iamb_Lg	22 28 11.2	
SIUC	Southern Illin	7.27 80	Iamb_Lg	22 28 09.2	
O44A	Mansfield	8.38 64	Iamb_Lg	22 28 52.8	
PLAL	Pickwick Lake	8.47 99	Iamb_Lg	22 28 45.0	
P46A	Rosedale	9.15 69	Iamb_Lg	22 29 11.8	

SII	Sitkinak Islan	0.94 81	Sn	22 27 51.1	+0.2
PLK3	Peulik 3	1.29 350	Sn	22 27 56.9	+1.2
PLK2	Peulik 2	1.37 349	Sn	22 27 58.2	+1.5
PLBL	Peulik Blue Cr	1.38 338	Sn	22 27 58.1	+1.2
CHGN	Chignik	1.43 366	Sn	22 27 56.4	-1.1
PLK1	Peulik 1	1.44 244	Sn	22 27 59.0	+1.3
OHAK	Old Harbor	1.62 59	Sn	22 28 04.4	+0.3
OHAK	Old Harbor	1.62 59	Sn	22 28 20.6	+0.8
PLK5	Peulik 5	1.67 341	Sn	22 28 02.0	+1.2
KABR	Katmai Barrier	1.78 15	Sn	22 28 03.6	+1.3
ACHA	Angie Creek He	1.81 9	Sn	22 28 04.2	+1.3
VNSG	Veniaminof 6	1.83 262	Sn	22 28 02.5	-0.5
KABU	Katmai Buttres	1.88 9	Sn	22 28 05.2	+1.5
KABU	Katmai Buttres	1.88 9	Sn	22 28 31.4	+5.1
KELA	Mount Kelz	2.02 2	Pn	22 28 06.5	-1.0
KDAK	Kodiak Island	2.25 51	Sn	22 28 35.1	0.0
KDAK	Kodiak Island	2.25 51	Sn	22 28 45.7	
KDAK	Kodiak Island	2.25 51	IAML	22 28 52.5	
KDAK	Kodiak Island	2.25 51	IAML	22 28 57.0	
KDAK	Kodiak Island	2.25 51	IAML	22 28 10.4	+1.3
KDAK	Kodiak Island	2.25 51	IAML	22 28 52.5	
KDAK	Kodiak Island	2.25 51	IAML	22 28 57.0	
KDAK	Kodiak Island	2.25 51	IAML	22 28 10.4	+1.3
KDAK	Kodiak Island	2.25 51	IAML	22 28 52.5	
KDAK	Kodiak Island	2.25 51	IAML	22 28 57.0	

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PTBC					
PTBC					
SPBC	San Pablo de B	4.08 84	eS	23 44 22.2 +1.9	Pn
SPBC				23 44 09.6 +1.7	Pn
SPBC				23 44 13.6	Pn
BCIP	Isla Barro Col	4.26 337	Pn	23 43 23.1 +0.2	Pn
CHIC	Chingaza	4.43 97	eP	23 43 29.0 +3.5	Pn
OTAV	Olavalo	4.95 184	Pn	23 43 32.5 -0.2	Pn
HEREDIA	Heredia	7.59 309	Pn	23 44 10.3 +1.7	Pn
SDV	Santo Domingo	8.29 64	Pn	23 44 19.8 +1.4	Pn
SDV				23 45 52.0 0.0	Sn
SDV				23 47 42.5	LR
SDV				23 44 19.9 +1.5	Pn
JTS	Las Juntas de	8.42 307	Pn	23 44 22.4 +2.5	Pn
PTGA	Pitinga	19.09 108	P	23 46 41.4 +0.7	P
CMIG	Matias Romero	20.20 307	LR	23 53 11.1	LR
SAML	Samuel	20.51 133	P	23 46 56.0 -0.2	P
SAML				23 46 58.6	IAMB
LPAZ	La Paz	23.56 155	LR	23 57 10.5	LR
BP16	IPOC Station P	24.91 160	P	23 47 40.5 -1.1	P
MDP	Montagnes des	25.40 89	LR	23 58 32.6	LR
MNMC	Minye Miney	25.62 161	P	23 47 49.5 +1.7	P
PNB08	IPOC Station P	26.71 161	P	23 47 57.3 -0.4	P
PB08				23 48 03.6	IAMB
SVI	San Ignacio	27.01 142	P	23 47 59.0 -1.2	P
PATCX	Punta Patache	27.04 163	P	23 48 00.3 -0.1	P
Z47A	Carrollton	29.33 343	IAMB	23 48 22.3 +1.7	IAMB
Z47A				23 48 24.9	IAMB
TXAR	Lajitas Array	34.02 318	P	23 49 03.3 +1.2	P
H06E1	SOCORRO T-PHASE	37.0 296	T	00 25 45.3	T
BDFB	Brasilia	36.33 125	LR	00 04 52.4	LR
F64A	Sherman	41.37 10	P	23 50 01.6 -2.3	P
O20A	White River Ci	44.06 326	IAMB	23 50 24.8 -1.3	IAMB
O20A				23 50 25.4	IAMB
ULM	Lac du Bonnet	47.29 345	P	23 50 51.5 +0.3	P
ULM	Lac du Bonnet	47.29 345	IAMB	23 50 54.2	IAMB
YKA	Yellowknife Ar	63.13 342	P	23 52 46.7 +1.4	P
TORD	Torodi Ar, Bea	78.95 78	P	23 54 22.6 +0.4	P
ASAR	Alice Springs	144.10 236	PKPab	00 01 52.1 +0.1	PKPab
WRA	Warramunga Arr	145.18 242	PKPbc	00 01 56.2 +0.1	PKPbc
WRA	Warramunga Arr	145.18 242	PKPdf	00 01 56.5 0.0	PKPdf

mb1mx3.2/4.0, mbtmp3.2/4, Error ellipse: s-maj=179.6km
s-min=27.4km az=59.0
DJA 06 00:01:56.7-0.4, 1°N, 7°9'E, h10km, M3.7/5, MLV3.7/5
ISC 06 00:01:52.1-1.0, 0.5°N, 1.0°E, h0.6, h10km, m9,
#0711/12, mb3.3/4, Northern Sumatra

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
MNSI	Mandailing Nat	1.02 76	Op	00 02 12.0 +0.2	Pb
MNSI				00 02 27.1 +0.3	S
GSI	Gunungsitoli	1.27 307	Pn	00 02 15.0 -0.9	Pn
GSI				00 02 33.5 +0.6	S
PDSI	Padang	2.36 128	P	00 02 34.5 -0.3	P
BKNI	Bangkaingang	2.46 95	P	00 02 39.0 -0.2	P
BKNI				00 03 10.2 -0.9	Sg
SDSI	Sungai Dareh	3.19 117	P	00 02 49.7 +0.8	P
WRA	Warramunga Arr	40.51 122	P	00 09 32.1 +0.4	P
ASAR	Alice Springs	41.89 127	P	00 09 43.4 +0.4	P
SOM	Songino Array	47.59 7	P	00 10 29.2 +1.0	P
MKAR	Makanchi Array	48.22 345	P	00 10 32.5 -0.6	P

IDC 06 00:06:54.3-1.4, 23°33'N, 122°05'E, h0km, mb3.6/6,
mb1 3.7/7, mb1mx3.4/4.0, mbtmp3.6/7, ML3.1/1, MS2.0/1,
Ms1 2.0/1, ms1mx2.0/4.4, Error ellipse: s-maj=54.3km
s-min=26.6km az=64.0
TAP 06 00:06:58.5, 23°9'N, 122°34'E, h26km, ML3.6, D
JMA 06 00:06:58.7-0.1, 23°30'N, 122°27'E, h26km, 3km, M3.4
ISC 06 00:06:57.1-1.0, 23°31'N, 122°30'E, h13km, 7km,
n114, #0586/205, mb3.6/6, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
HWA	Hwalien	0.64 277	iP	00 07 11.5 +1.3	Pb
HWA				00 07 21.1 +1.9	Sb
TWD	Chiawan	0.67 285	P	00 07 11.2 +0.5	P
TWD				00 07 20.8 +0.9	Sb
NACB	Ninganchiao	0.70 293	P	00 07 11.8 +0.5	Pb
NACB				00 07 21.8 +1.0	Sb
ENA	Natau	0.73 316	iP	00 07 11.7 -0.1	Pb
ENA				00 07 24.1 -0.2	Sn
JYNG	Yonagunijimaku	0.80 47	P	00 07 14.3 +0.1	Pb
JYNG				00 07 25.0 +1.3	eS
ESL	Shilin	0.80 264	iP	00 07 13.1 +0.1	Sb
ESL				00 07 24.1 +0.4	Sb
ETHL	Kiulin Townshi	0.81 292	P	00 07 13.6 +0.4	Pb
ETHL				00 07 24.9 +0.9	Pb
ETHL				00 07 12.7 -0.2	Pg
TWC	Sua	0.81 330	iP	00 07 12.6 -1.0	Sg
TWC				00 07 22.6 -1.0	Sg
EGFJ	Guangfu	0.83 254	eS	00 07 25.4 +0.7	Sb
YOJ	Yonaguni jima	0.85 49	Pn	00 07 14.9 0.0	Pn
YOJ				00 07 24.6 -0.1	Sg
YOJ	Yonaguni jima	0.85 49	eS	00 07 14.8 0.0	Pb
YOJ				00 07 26.5 +1.3	Sb
HGSD	Ruisui	0.90 243	P	00 07 15.0 +0.3	Pb
HGSD				00 07 28.1 +1.4	eS
WHF	Hehuan Shan	0.98 284	iP	00 07 16.5 +0.3	Pb
WHF				00 07 29.3 +0.1	Sb
EHY	Hungye	0.98 246	iP	00 07 16.8 +0.8	Pb
EHY				00 07 30.1 +1.1	Sb
NNSB	Datong	0.99 302	P	00 07 16.6 +0.4	Pb
NNSB				00 07 30.1 +0.8	Sb
NNSH	Datong	0.99 302	iP	00 07 16.5 +0.2	Pb
NNSH				00 07 29.8 +0.6	Sb
ENTT	Huidou	0.99 318	iP	00 07 16.8 +0.5	Pb
ENTT				00 07 30.3 +1.0	Sb
ILA	Ilan	0.99 330	eP	00 07 16.5 +0.2	Pb
ILA				00 07 30.2 +0.9	Sb
TWE	Neicheng	1.00 325	iP	00 07 16.9 +0.1	Pn
TWE				00 07 31.2 +0.3	Sn
NDT	Datong Townshi	1.00 314	iP	00 07 17.0 +0.6	Pb
NDT				00 07 29.5 0.0	Sb
NNS	Nan Shan	1.00 302	iP	00 07 16.9 +0.5	Pb
NNS				00 07 29.8 +0.1	Sb
FUSS	Fushou	1.03 290	P	00 07 17.5 +0.5	Pb
FUSS				00 07 31.1 +0.7	Sb
NTC	Toucheng	1.04 336	iP	00 07 17.0 0.0	Pb
NTC				00 07 30.2 -0.5	Sg
CHGB	Renai	1.04 279	P	00 07 17.6 +0.3	Pb
CHGB				00 07 31.3 +0.4	Sb
YULB	Yu-li	1.05 241	P	00 07 17.6 +0.3	Pb
YULB				00 07 31.5 +0.5	Sb
EYUL	Yul	1.06 239	P	00 07 17.7 +0.4	Pb
EYUL				00 07 32.2 +1.1	Sb
TWF1	Ful	1.07 239	iP	00 07 18.2 +0.6	Pb
TWF1				00 07 32.9 +1.3	Sb
VWDT	VWDT	1.07 262	P	00 07 18.2 +0.6	Pb
VWDT				00 07 33.2 +0.5	Sn
TWT	Tachien	1.09 289	iP	00 07 18.4 +0.5	Pb
TWT				00 07 32.4 +0.3	Sb
TDCB	Techi	1.10 289	P	00 07 18.5 +0.3	Pb
TDCB				00 07 33.1 +0.6	Sb
NWLT	Wulai	1.13 320	iP	00 07 18.9 +0.3	Pb
NWLT				00 07 33.7 +0.3	eS
TWB1	Santiago Chiao	1.14 345	iP	00 07 18.5 -0.5	Pg
TWB1				00 07 34.8 +0.5	Sn
YHNB	Yeheng	1.14 312	P	00 07 18.9 +0.1	Pb
YHNB				00 07 35.1 +0.6	eS
TIPB	Shuangxi	1.15 338	iP	00 07 19.0 +0.1	Pb
TIPB				00 07 33.2 -1.0	iS

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
NSK	Sanguang	1.15 312	iP	00 07 19.0 -0.4	Pg
NSK				00 07 34.5 +0.6	eS
FULB	Ful	1.16 233	iP	00 07 18.9 -0.6	Pg
FULB				00 07 35.2 +1.0	iS
CHKT	Chengkung	1.18 227	P	00 07 18.8 -1.0	Pg
CHKT				00 07 32.5 -2.5	S
WPL	Pull Township	1.23 275	P	00 07 21.1 +0.9	Pn
SSLB	Suanglung	1.24 265	P	00 07 20.5 0.0	Pb
SSLB				00 07 36.9 -0.3	Sg
NWF	Wu-fen Shan	1.25 338	iP	00 07 20.6 -0.2	Pb
NWF				00 07 36.2 -1.5	iS
WFBS	Wu-fen Shan	1.25 338	P	00 07 20.3 -0.4	Pb
WFBS				00 07 36.3 -1.3	Sg
TWA	Mucha	1.25 329	iP	00 07 21.4 +0.1	Pg
TWA				00 07 37.7 +0.5	eS
DPDB	Guoxing	1.27 276	P	00 07 21.3 -0.2	Pg
DPDB				00 07 37.3 -0.6	eS
NHHD	Xindian Distri	1.27 326	iP	00 07 21.4 -0.2	Pg
NHHD				00 07 38.8 +1.3	Sn
SMLT	Sun Moon Lake	1.28 269	iP	00 07 21.4 +0.5	Pn
SMLT				00 07 38.2 -0.4	S
WHP	Taichung City	1.29 287	iP	00 07 22.2 +0.2	Pg
WHP				00 07 38.5 -0.3	eS
TATO	Taipei	1.30 325	P	00 07 21.8 +0.5	Pg
TATO				00 07 39.0 +0.7	eS
EDH	Donghe	1.30 225	P	00 07 20.1 -1.0	Pn
EDH				00 07 36.8 -1.5	Sb
YUH	Yu-Shan	1.30 252	iP	00 07 22.5 +0.7	Pn
YUH				00 07 38.2 -1.1	S
TYC	Yueh	1.32 270	iP	00 07 21.8 +0.5	Pn
TYC				00 07 39.2 +0.4	eS
TNOU	National Taiwa	1.33 339	eP	00 07 20.6 -0.9	Pb
TNOU				00 07 38.9 -0.1	Sb
TAP	Taipei	1.34 327	eS	00 07 39.7 -0.7	Sg
IRIF	Iriomote-Funau	1.37 72	P	00 07 23.6 +0.1	Pb
IRIF				00 07 40.9 +0.7	eS
ELDTW	Lidau	1.38 239	eP	00 07 22.1 -0.2	Pb
ELDTW				00 07 39.6 -0.8	S
HATJ	Hateruma jima	1.38 83	P	00 07 22.9 +0.7	Pn
HATJ				00 07 40.9 +0.4	eS
LI0B	Emei	1.39 302	iP	00 07 23.9 +0.1	Pb
LI0B				00 07 41.9 +0.1	S
NSTT	Nanjuang	1.39 302	iP	00 07 23.7 -0.4	Pg
NSTT				00 07 41.5 -0.4	S
YMO1	YMO1	1.40 332	P	00 07 21.0 -1.5	Pn
YMO1				00 07 40.4 -0.8	Sb
YMO10	YMO10	1.42 332	P	00 07 22.9 +0.1	Pn
YMO10				00 07 41.3 -0.3	eS
YMO5	YMO5	1.42 332	P	00 07 22.7 -0.1	Pn
YMO5				00 07 42.8 0.0	Pn
ALS	Alishan	1.43 254	iP	00 07 24.3 +0.5	Pb
ALS				00 07 42.2 +0.1	eS
YMO8	YMO8	1.43 333	P	00 0	

6d 1h

Table with columns: TWG, Pinlang, 1.56 227 i P, Pn, 00 07 24.6 0.0, etc. Lists various station names and their associated data.

IDC 06:00:13:47.5:4.5, 14:03N:09:32E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.3/4.5, mbtmp3.6/5, ML4.1/1, Error ellipse: s-maj=116.5km s-min=36.7km az=129.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

PRE 06:00:47:59.8:1.1, 26:195S:26:81E, h2km, ML3.4 NEIC 06:00:48:00.0:1.1, 26:196S:0:04:27.1E:0.1, h5km, 1km, mb4.3/5, Error ellipse: s-maj=20.9km s-min=5.7km az=95.0

IDC 06:00:48:02.0:1.5, 26:188S:26:67E, h0km, mb3.7/2, mb1 3.9/7, mb1mx3.6/4.6, mbtmp3.9/7, ML4.0/5, Error ellipse: s-maj=28.1km s-min=12.4km az=101.0

BUL 06:00:48:07.3:1.2, 26:72S:26:69E, h10km, MD4.7 EAF 06:00:48:07.3:1.2, 26:72S:26:69E, h10km, MD4.2

ISC 06:00:48:01.2:1.2, 26:392S:0:03:26:81E, h10km, h13km, 4n6, s177772, mb4.1/4, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

2015 FEB

Large table with columns: LBTB, Lg, Lg, 00 49 08.5, etc. Lists various station names and their associated data.

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Table with columns: O22K, S, S, 01 02 40.9 -0.5, etc. Lists various station names and their associated data.

BUI 06:01:25:05.3:0.0, 33:44N:135:06E, h10km, mb4.9/4.8, mb4.7/8.3, Mb4.7/8.2, Mb7.4/4.9, IDC 06:01:25:10.2:0.5, 33:78N:134:37E, h0km, mb4.4/2.4, mb1 4.6/3.2, mb1mx4.4/4.7, mbtmp4.4/3.2, ML3.9/7, MS3.9/3.2, MB1 3.9/3.2, mb1mx3.8/4.0, Error ellipse: s-maj=13.0km s-min=11.2km az=150.0

M=0.43; M=0.02; M=0.12; M=0.85; M=1.10; Fault plane solution: M1.46000*1015 NP1.34.51000*...

NEIC 06 07:15:27.3z:1.2,38.49S;0.07:177.9E:0.1,1h19km,7km Error ellipse: s-maj=16.4km s-min=10.2km az=86.6

WEL 06 07:15:29.1,38.45S;0.9:17.8E; h29km,1km, M4=2.36, M4.5/36, MLv4=2.36, Error ellipse: s-maj=0.0km s-min=0.0km az=79.3

ISC 06 07:15:29.2,0.3343S;0.03:178.06E:0.04,h34km,2km, n161,-1526/169,mb4.3/8,MS3.5/3,Off east coast of North Island

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

Table with columns: NNZ, Nelson, 4.55 231, Pn, Pn, 07 16 32.9 -2.7. Lists seismic events with station codes and times.

Table with columns: ARZC, Arundel, 7.57 221, Pn, Pn, 07 17 15.0 -2.0. Lists seismic events with station codes and times.

Table with columns: STKA, Stephens Creek, 30.38 274, Pn, Pn, 07 21 38.3 +0.3. Lists seismic events with station codes and times.

Table with columns: BBOO, Bucklebo, 34.38 266, P, P, 07 22 12.5 -0.5. Lists seismic events with station codes and times.

Table with columns: COEN, Coen, 39.30 299, P, P, 07 22 54.8 -0.2. Lists seismic events with station codes and times.

Table with columns: PMG, Port Moresby, 40.05 308, LR, LR, 07 38 01.4. Lists seismic events with station codes and times.

Table with columns: AS31, Alice Springs, 40.21 278, P, P, 07 23 01.6 -1.0. Lists seismic events with station codes and times.

Table with columns: ASAR, Alice Springs, 40.21 278, P, P, 07 23 01.8 -0.8. Lists seismic events with station codes and times.

Table with columns: ASOR, Alice Springs, 40.21 278, P, P, 07 23 01.6 -1.0. Lists seismic events with station codes and times.

Table with columns: WB2, Warramunga Arr, 41.93 284, P, P, 07 23 14.4 -1.1. Lists seismic events with station codes and times.

Table with columns: WBR, Warramunga Arr, 41.93 283, P, P, 07 23 15.3 -1.5. Lists seismic events with station codes and times.

Table with columns: WRA, Warramunga Arr, 41.94 283, P, P, 07 23 15.9 -0.9. Lists seismic events with station codes and times.

Table with columns: WBD, Warramunga Arr, 42.00 284, P, P, 07 23 16.1 -1.2. Lists seismic events with station codes and times.

Table with columns: FITZ, Fitzroy Crossi, 49.71 279, LR, LR, 07 44 31.8. Lists seismic events with station codes and times.

Table with columns: FITZ, Fitzroy Crossi, 49.71 279, P, P, 07 24 17.1 -1.0. Lists seismic events with station codes and times.

Table with columns: GSPA, South Pole Qui, 51.70 180, P, P, 07 24 35.1 +2.5. Lists seismic events with station codes and times.

Table with columns: MKAR, Makanchi Array, 120.26 308, PKP, PKP, 07 34 15.3 -0.9. Lists seismic events with station codes and times.

Table with columns: KURB, Kurchatov Arr, 142.05 211, PKP, PKP, 07 34 22.9 -0.3. Lists seismic events with station codes and times.

Table with columns: ARCES, ARCES Array B, 145.54 343, PKP, PKP, 07 35 02.8 +0.2. Lists seismic events with station codes and times.

Table with columns: FINES, FINESS Array B, 151.16 332, PKP, PKP, 07 35 18.9 +1.0. Lists seismic events with station codes and times.

ISC 06 07:34:09.0z:1.6,9:34N-77.07W,h0km,mb3.6/2,mb1 3.8/3, mb1mx3.4/0,mbmp3.6/3,ML2.3/1, Error ellipse: s-maj=97.8km s-min=25.6km az=66.0

RSNC 06 07:34:14.3z:1.0,9:23N-77.00W,h24km,6km,ML3.4, Mw3.4

ISC 06 07:34:13.9z:1.5,9:28N;0.06:77.01W:0.05,h36km,2km, n93,-1533/44,6C-20,Off north coast of Colombia

Table with columns: CAPC, Capurgana, 0.72 208, iP, Pn, 07 34 26.7 -0.9. Lists seismic events with station codes and times.

Table with columns: MOTC, Monteria, Cord, 1.42 110, iP, Pn, 07 34 30.8 +0.9. Lists seismic events with station codes and times.

Table with columns: UREC, San Jos de Ur, 2.11 136, iP, Pn, 07 34 46.7 +0.1. Lists seismic events with station codes and times.

Table with columns: PTAC, Punta Aridna, 2.26 201, iP, Pn, 07 34 49.5 +0.8. Lists seismic events with station codes and times.

Table with columns: DBBC, Dabeiba, 2.38 161, iP, Pn, 07 34 50.0 -0.5. Lists seismic events with station codes and times.

Table with columns: ZARC, Zaragoza, Caus, 2.77 130, iP, Pn, 07 34 56.1 +0.3. Lists seismic events with station codes and times.

Table with columns: ARGC, Ariguani, Magd, 2.79 78, iP, Pn, 07 34 57.6 +1.6. Lists seismic events with station codes and times.

Table with columns: BCIP, Isla Barro Col, 2.79 268, eP, Pn, 07 34 56.5 +0.5. Lists seismic events with station codes and times.

Table with columns: SMLC, San Martn de, 2.94 99, eP, Pn, 07 34 58.0 -0.1. Lists seismic events with station codes and times.

Table with columns: SOLC, Bahia Solon, 3.06 187, eP, Pn, 07 35 00.7 +1.0. Lists seismic events with station codes and times.

Table with columns: HELC, Santa Helena, 3.04 154, iP, Pn, 07 35 04.3 -0.5. Lists seismic events with station codes and times.

Table with columns: PTBC, PUERTO BERRIO, 3.71 137, eP, Pn, 07 35 08.5 -0.3. Lists seismic events with station codes and times.

Table with columns: OCAC, Ocana, 3.79 106, eP, Pn, 07 35 10.5 +0.5. Lists seismic events with station codes and times.

Table with columns: BRRC, Barranca, Sant, 3.91 123, iP, Pn, 07 35 11.9 +0.4. Lists seismic events with station codes and times.

Table with columns: NORC, Norcasia, 4.26 150, eP, Pn, 07 35 15.4 -0.9. Lists seismic events with station codes and times.

Table with columns: GUYC, Guyana, Caldas, 4.35 158, eP, Pn, 07 35 19.2 +1.4. Lists seismic events with station codes and times.

Table with columns: BARC, Barichara, 4.64 125, eP, Pn, 07 35 21.9 +0.3. Lists seismic events with station codes and times.

Table with columns: PAMC, Pamplona, Col, 4.68 114, eP, Pn, 07 35 22.9 +0.4. Lists seismic events with station codes and times.

Table with columns: TOLC, Tolima, 4.96 160, eP, Pn, 07 35 30.4 +4.2. Lists seismic events with station codes and times.

Table with columns: ROSC, El Rosal, 5.15 149, Pn, Pn, 07 35 30.4 +1.5. Lists seismic events with station codes and times.

Table with columns: URIC, Uribia, Colomb, 5.49 64, eP, Pn, 07 35 33.9 +0.8. Lists seismic events with station codes and times.

Table with columns: CHIC, Chingaza, 5.65 145, eP, Pn, 07 35 36.0 +0.2. Lists seismic events with station codes and times.

Table with columns: SDV, Santo Domingo, 6.31 93, eP, Pn, 07 35 44.7 +0.1. Lists seismic events with station codes and times.

Table with columns: PLCA, Paso Flores, 6.99 136, eP, Pn, 07 43 05.8 +0.3. Lists seismic events with station codes and times.

Table with columns: YKA, Yellowknife Arr, 59.67 341, P, P, 07 44 14.1 -0.2. Lists seismic events with station codes and times.

Table with columns: ASAR, Alice Springs, 147.18 240, PKP, PKP, 07 53 53.1 -1.0. Lists seismic events with station codes and times.

Table with columns: WRA, Warramunga Arr, 147.93 247, PKP, PKP, 07 53 58.2 0.0. Lists seismic events with station codes and times.

Table with columns: ZALV, 1.7nm,0.3s,baz=104,slow=15,SNR=19. Lists seismic events with station codes and times.

Table with columns: KURB, Kurchatov Arr, 6.47 246, Pn, Pn, 07 56 42.8 +0.3. Lists seismic events with station codes and times.

Table with columns: MKAR, Makanchi Array, 7.69 210, Pn, Pn, 07 57 00.5 +1.3. Lists seismic events with station codes and times.

MAN 06 08:03:15.4,9:65N;126:36E,h22km,mb5.8,ML4.8,MS5.2 MAN INTENSIFY III, CARRASCAL

BJJ 06 08:03:16.7z:0.0,9:50N;129:36E,h76km,mb5.1/59, mb5.1/77,MS5.108,MS7.4/97

GCMT 06 08:03:17.4z:0.1,9:61N;0.01:126:52E:0.01,h29km, MV5.4/130, Moment Tensor Solution, s123,c196

s130,c223; Duration: 1s2 Moment tensor: Scale 1017 M=0.01z; M=0.14z; M=1.02z; M=1.02z; Best double couple: M1.62300z*1017 NP1.34.51000*...

MOS 06 08:03:17.6z:1.1,9:57N;126:24E,h77km,mb5.3/58, MS4.8/10 Error ellipse: s-maj=7.7km s-min=3.8km az=113.1

DJA 06 08:03:17.0z:0.5,10:14N;12:6W;h55km,5km,MS1.1/48, MS1.1/48,mb5.5/34,MLv6.0/4,Mw(mb)5.0/34, MwMwp5.1/13,Mwp5.4/13

IDC 06 08:03:18.6z:1.6,9:57N;126:25E,h65km,14km,mb4.7/44, mb1 4.8/51,mb1mx4.7/58,mbmp5.0/51,MS4.6/38, MS1 4.6/38,ms1mx4.6/45, Error ellipse: s-maj=11.4km s-min=9.9km az=79.0

NEIC 06 08:03:19.1z:1.7,9:55N;0.07:126:26E:0.09,h77km,6km, mb5.2/96, Error ellipse: s-maj=13.5km s-min=9.9km az=82.0

KLM 06 08:03:22.9:53N;126:44E,h97km,mb5.3 ISC 06 08:03:17.7z:0.4,9:59N;0.03:126:37E:0.04,h58km,3km, h58km;P-P,n62z,i169/668,mb5.1/193,MS4.7/64, 24C-9D,Mindanao

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

Table with columns: GLSP, General Luna, 0.31 309, eP, Pn, 08 03 50.5 +5.2. Lists seismic events with station codes and times.

Table with columns: BUTP, Butuan, 0.96 230, eP, Pn, 08 03 31.9 -3.3. Lists seismic events with station codes and times.

Table with columns: MSLP, Magasin, 1.59 290, eP, Pn, 08 03 43.1 -0.5. Lists seismic events with station codes and times.

Table with columns: CGP, Caayan of Oro, 2.00 236, iP, Pn, 08 03 48.8 -0.4. Lists seismic events with station codes and times.

Table with columns: CGP, Musuan, 2.13 217, eP, Pn, 08 04 16.5 +3.3. Lists seismic events with station codes and times.

Table with columns: BUKP, Borongan, 2.20 335, eP, Pn, 08 04 20.6 +2.2. Lists seismic events with station codes and times.

Table with columns: LLP, Lapu-Lapu, 2.48 287, eP, Pn, 08 03 56.8 +1.1. Lists seismic events with station codes and times.

Table with columns: DAV, Davao City (W), 2.62 197, eP, Pn, 08 04 29.7 +4.8. Lists seismic events with station codes and times.

Table with columns: DAV, Davao City (W), 2.62 197, eP, Pn, 08 04 38.8. Lists seismic events with station codes and times.

Table with columns: DAV, Davao City (W), 2.62 197, eP, Pn, 08 04 58.4 +0.7. Lists seismic events with station codes and times.

Table with columns: DAV, Davao City (W), 2.62 197, eP, Pn, 08 04 54.0 +2.1. Lists seismic events with station codes and times.

Table with columns: MATI, Mati, 2.63 182, eP, Pn, 08 03 55.8 -1.9. Lists seismic events with station codes and times.

Table with columns: MATI, Mati, 2.63 182, eP, Pn, 08 04 32.5 +4.1. Lists seismic events with station codes and times.

Table with columns: CNDP, Catarman, 3.35 330, eP, Pn, 08 04 07.2 -0.5. Lists seismic events with station codes and times.

Table with columns: CNP, Don Marcelino, 3.52 191, eP, Pn, 08 04 55.3 +9.0. Lists seismic events with station codes and times.

Table with columns: DDMP, Bagumbayan, Su, 3.55 211, eP, Pn, 08 04 53.5 +3.0. Lists seismic events with station codes and times.

Table with columns: CNOP, Candoni, Negro, 3.69 274, eP, Pn, 08 04 11.9 -0.3. Lists seismic events with station codes and times.

Table with columns: GJUM, Jordan, 3.87 286, eP, Pn, 08 04 14.6 -0.1. Lists seismic events with station codes and times.

Table with columns: GUIM, San Jose, Anti, 4.51 285, eP, Pn, 08 04 27.2 +3.8. Lists seismic events with station codes and times.

Table with columns: PVCP, Virac, 4.54 332, eP, Pn, 08 04 23.1 -0.8. Lists seismic events with station codes and times.

Table with columns: PVCP, Jose Panganiba, 5.90 323, eP, Pn, 08 04 41.1 -1.4. Lists seismic events with station codes and times.

Table with columns: JCNJP, Sangihe, 5.92 188, P, Pn, 08 04 44.8 +1.7. Lists seismic events with station codes and times.

Table with columns: LQP, Lukanbilan, 6.53 314, eP, Pn, 08 04 53.0 +1.7. Lists seismic events with station codes and times.

Table with columns: PGP, Puerto Galera, 6.58 307, eP, Pn, 08 05 01.1 +9.1. Lists seismic events with station codes and times.

Table with columns: TGY, Tagaytay City, 6.96 311, P, Pn, 08 04 57.6 +0.4. Lists seismic events with station codes and times.

Table with columns: MNI, Manado, 8.23 191, LR, LR, 08 05 17.5 +2.9. Lists seismic events with station codes and times.

Table with columns: I39PW, PALAU INFRASON, 8.34 104, i, Pn, 08 05 40.0. Lists seismic events with station codes and times.

Table with columns: TNTI, Ternate, 8.81 173, P, Pn, 08 05 25.2 +2.7. Lists seismic events with station codes and times.

Table with columns: TNTI, Ternate, 8.81 173, P, Pn, 08 05 24.7 +2.2. Lists seismic events with station codes and times.

Table with columns: MYLDM, Lahad Datu, 8.95 241, Pn, Pn, 08 05 24.8 +0.4. Lists seismic events with station codes and times.

Table with columns: KMSI, Cibinong, 9.27 195, P, Pn, 08 05 31.4 +2.7. Lists seismic events with station codes and times.

Table with columns: GTOI, Gorontalo, 9.50 201, P, Pn, 08 05 31.3 -0.6. Lists seismic events with station codes and times.

Table with columns: MRSI, Marisa, 10.07 206, P, Pn, 08 05 40.2 +0.5. Lists seismic events with station codes and times.

Table with columns: TOLJ, Tolong, 14.59 130, P, Pn, 08 05 41.7 +1.7. Lists seismic events with station codes and times.

Table with columns: KKM, Kota Kinabalu, 10.66 251, Pn, Pn, 08 05 49.5 +1.6. Lists seismic events with station codes and times.

Table with columns: LUWI, Luwuk, 11.15 199, Pn, Pn, 08 05 56.1 +1.6. Lists seismic events with station codes and times.

Table with columns: LUWI, Luwuk, 11.15 199, Pn, Pn, 08 05 54.5 0.0. Lists seismic events with station codes and times.

SMPI	Sarmi	16.83 132	P	Pn	08 07 06.4 -3.2
	comp=Z,4umcomp=Z,3umcomp=Z,136nm,1.4s				
OZH	Quanzhou	16.97 335	P	P	08 07 17.9 +5.5
OZH			P	S	08 07 30.3 -1.8
OZH			P	S	08 10 35.4 +8.9
	comp=Z,620nm,8.3s				
OZH			LR	LR	
OZH	comp=N,2um,13.8s				
OZH	comp=E,910nm,12.9s				
OZH			LR	LR	
JOW	comp=Z,2um,16.4s				
JOW	Kunigami	17.25 6	P	P	08 07 16.6 +1.2
	comp=Z,2.1nm,0.3s,baz=228,slow=8.3,SNR=8.8				
JOW			LR	LR	08 12 43.7
BBKI	Banjar Baru	17.32 222	P	P	08 07 20.4 +4.0
	comp=Z,3umcomp=Z,46nm,0.9s				
KSM	Kuching	17.89 244	P	P	08 07 21.8 -1.0
KSM	Kuching	17.89 244	P	P	08 07 26.0 +3.3
GENI	Genyem	18.31 131	P	Pn	08 07 30.8 +3.0
	comp=Z,8umcomp=Z,6umcomp=Z,190nm,1.4s				
GUMU	Guam	18.55 176	LR	LR	08 14 56.3
	comp=Z,2um,18.3s,baz=262,slow=37				
QIZ	Qiongzong	18.55 302	P	P	08 07 29.0 -0.9
QIZ			P	S	08 07 46.2 -3.6
QIZ			P	S	08 10 56.0 -1.4
	comp=Z,39nm,1.6s				
QIZ			pmx	pmx	
QIZ	comp=Z,800nm,4.4s				
QIZ	comp=Z,2um,18.4s				
QIZ	comp=Z,2um,17.5s				
QIZ	comp=Z,4um,19.0s				
MMRI	Maumere	18.57 193	P	P	08 07 28.6 -1.4
JAY	Jayapura	18.67 129	P	Pn	08 07 33.5 +1.4
	comp=Z,0.6nm,0.3s,baz=22,slow=5.4,SNR=3.5				
JAY			LR	LR	08 14 33.3
SOEI	Soe	19.33 186	P	P	08 07 39.1 -1.0
SOEI			IAMB	IAMB	08 08 04.0
	comp=Z,152nm,0.8s				
BATI	Baumata	19.85 188	P	P	08 07 45.5 -0.6
	comp=Z,9.7nm,0.3s,baz=326,slow=0.4,SNR=24				
BATI			LR	LR	08 17 22.8
PLAI	Plampang	20.20 205	P	Pn	08 07 51.1 +0.9
	comp=Z,2umcomp=Z,1umcomp=Z,65nm,0.8s				
WBSI	Waikabubak, Su	20.33 200	P	Pn	08 07 52.3 +0.5
	comp=Z,1.02nm,0.9s				
TWSI	Taliwang, Sumb	20.51 208	P	Pn	08 07 55.7 +1.8
	comp=Z,25nmcomp=Z,35nm,0.9s				
SRBI	Singaraja	20.78 213	P	P	08 07 53.5 -0.7
	comp=Z,1umcomp=Z,56nm,0.9s				
JAGI	Jajag, Banyuwu	21.68 215	P	P	08 08 03.3 +0.5
JAGI			IAMB	IAMB	08 08 30.2
JAGI	Jajag, Banyuwu	21.68 215	P	P	08 08 05.6 +1.8
	comp=Z,2umcomp=Z,54nm,0.9s				
SSE	Sheshan	21.94 348	P	P	08 08 07.2 +0.8
SSE			S	S	08 12 05.2 -0.3
	comp=Z,63nm,1.6s				
SSE			pmx	pmx	
SSE	comp=Z,420nm,7.3s				
SSE	comp=Z,590nm,19.8s				
SSE	comp=Z,320nm,19.6s				
SSE	Sheshan	21.94 348	P	P	08 08 06.8 +0.4
MTN	Mantou Dam	22.78 168	P	P	08 08 14.6 -1.0
	comp=Z,23,SNR=18				
MTN	Mantou Dam	22.78 168	P	P	08 08 14.4 -1.2
MTN			IAMB	IAMB	08 08 24.0
JCJ	Chichua	22.94 39	P	P	08 08 17.0 -0.2
	comp=Z,136nm,0.6s,baz=281,slow=18,SNR=4.4				
JCJ			LR	LR	08 15 27.4
KDU	Kakadu	22.94 165	P	P	08 08 15.7 -1.6
	comp=Z,23,SNR=39				
WOJI	Wongiri, Jawa	23.16 222	P	P	08 08 19.7 +0.3
	comp=Z,34nm,1.1s				
PPBI	Pangkal Pinang	23.29 241	P	P	08 08 21.0 +0.2
	comp=Z,1.7umcomp=Z,27nm,1.1s				
NJ2	Nanjing	23.41 344	P	P	08 08 21.8 +0.1
NJ2			P	S	08 08 42.0 +0.4
NJ2			P	S	08 08 50.7 +1.4
NJ2			P	S	08 12 32.6 +2.0
	comp=Z,67nm,0.9s				
NJ2			pmx	pmx	
NJ2	comp=Z,670nm,5.7s				
NJ2	comp=Z,890nm,19.4s				
NJ2	comp=Z,630nm,12.8s				
NJ2	comp=Z,1um,18.7s				
MYKOM	Kota Tinggi	23.70 252	P	P	08 08 24.2 -0.3
MYKOM	Kota Tinggi	23.70 252	P	P	08 08 27.0 +2.5
JNU	Nakatsue	23.79 9	P	P	08 08 24.6 -0.6
	comp=Z,24nm,0.8s,baz=75,slow=5.7,SNR=11				
JNU			LR	LR	08 17 25.4
JNU	comp=Z,1um,21.9s,baz=174,slow=36				
JNU	Nakatsue	23.79 9	P	P	08 08 24.3 -0.9
NONG	Nongkai	24.05 293	P	P	08 08 27.9 +0.1
	comp=Z,59nm,1.2s				
CHAI	Chaiyathum	24.59 287	P	P	08 08 32.0 -0.6
	comp=Z,1umcomp=Z,136nm,0.7s				
JMN	Monobe	25.00 15	P	P	08 08 36.5 +0.3
JMN			IAMB	IAMB	08 08 46.4
GYA	Guiyang	25.09 315	eP	P	08 08 38.5 +1.2
GYA			S	S	08 13 22.5 +1.5
	comp=Z,10.0nm,1.9s				
GYA	comp=Z,2um,16.7s				
GYA	comp=Z,3um,16.0s				
GYA	comp=Z,5um,16.8s				
CBJI	Citeko	25.12 231	P	P	08 08 50.1 +1.3
CISI	Cisompot, Garu	25.13 228	P	P	08 08 36.2 -1.4
CISI			IAMB	IAMB	08 08 55.3
CISI	comp=Z,206nm,1.5s				
CISI	Cisompot, Garu	25.13 228	P	P	08 08 37.3 -0.4
	comp=Z,84nm,0.8s				
IPM	Iphoh	25.65 260	P	P	08 08 41.6 -0.8
IPM			IAMB	IAMB	08 08 57.5
IPM	comp=Z,51nm,0.9s				
KULM	Kulim	25.65 262	P	P	08 08 44.0 +1.6
KULM			IAMB	IAMB	08 08 44.2 0.0
	comp=Z,70nm,1.1s				
KULM	Kulim	25.85 262	P	P	08 08 46.0 +1.8
ENSHI	Enshi	25.92 325	P	P	08 08 42.5 +1.8
PHIT	Phitsanulok	26.33 289	P	P	08 08 49.8 +1.3
	comp=Z,2umcomp=Z,188nm,0.8s				
UTTA	Uttaradit	26.34 291	P	P	08 08 49.9 +1.5
	comp=Z,45nm,0.9s				
TRIT	Trang	26.43 268	P	P	08 08 49.7 +0.4
	comp=Z,4umcomp=Z,51nm,0.9s				
PHET	Kaeng Krachan	26.43 280	P	P	08 08 50.0 +0.7
	comp=Z,107nm,0.9s				
KASI	Kota Agung	26.47 236	P	P	08 08 47.3 -2.4
	comp=Z,1umcomp=Z,60nm,0.9s				
JHJ	Hachijo jima 2	26.48 26	LR	LR	08 19 48.8
	comp=Z,1um,19.4s,baz=234,slow=37				
NANT	Nan	26.49 293	P	P	08 08 48.0 -1.9
	comp=Z,79umcomp=Z,851nm,0.7s				
TJN	Taejon	26.68 2	iP	P	08 08 50.7 -0.7
JWT	Wachi	26.87 17	P	P	08 08 54.3 +1.2
UTHA	Uthaitani	26.95 285	P	P	08 08 54.9 +1.1
	comp=Z,55nmcomp=Z,132nm,0.9s				
SDSI	Sungai Dareh	26.95 249	P	P	08 08 54.4 +0.9
	comp=Z,1umcomp=Z,22nm,0.9s				
KSI	Kapahiang	27.10 242	P	P	08 08 56.6 +1.1
	comp=Z,128nm,0.5s				
SURT	Suratani	27.22 271	P	P	08 08 59.4 +2.9
	comp=Z,3.9nm,1.1s				

KMI	Kunming	27.27 308	P	P	08 08 59.8 +2.8
KMI			P	Pn	08 09 47.1 +3.7
KMI			S	S	08 13 25.2 -7.4
KMI			S	S	08 13 58.5 +2.8
	comp=Z,29nm,1.2s				
KMI			LR	LR	
KMI	comp=Z,1um,20.0s				
KMI	comp=Z,2um,20.7s				
KMI	comp=Z,2um,20.8s				
PAYA	Payao	27.40 294	P	P	08 08 58.8 +0.8
	comp=Z,10umcomp=Z,839nm,0.9s				
INU	Inuyama	27.42 19	IAMB	IAMB	08 08 58.4 +0.4
INU					08 08 59.7
FITZ	Fitzroy Crossi	27.52 182	P	P	08 08 58.2 -0.8
FITZ	Fitzroy Crossi	27.52 182	P	P	08 08 58.5 -0.5
	comp=Z,97nm,0.9s,baz=7.1,slow=7.7,SNR=88				
FITZ	comp=Z,441nm,21.6s,baz=22,slow=41				08 08 56.4
FITZ	Fitzroy Crossi	27.52 182	P	P	08 08 58.6 -0.4
JGF	Kuroka	27.76 19	P	P	08 09 01.4 +0.3
KSAR	Wonju Array Be	27.77 3	P	P	08 09 00.6 -0.5
KSAR	Wonju Array Be	27.77 3	P	P	08 09 00.6 -0.5
KSRS	Korea Array	27.78 3	P	P	08 09 00.8 -0.3
	comp=Z,9.1nm,0.7s,baz=181,slow=10.0,SNR=27				
KSRS			LR	LR	08 21 56.4
CM35	Chiang Mai Arr	27.86 292	P	P	08 09 03.0 +0.8
CM36	Chiang Mai Arr	27.88 292	P	P	08 09 02.0 -0.3
CM34	Chiang Mai Arr	27.91 292	P	P	08 09 03.0 +0.4
CM04	Chiang Mai Arr	27.95 291	P	P	08 09 04.0 +1.0
	comp=Z,187nmcomp=Z,25nm,0.9s				
CM09	Chiang Mai Arr	27.95 291	P	P	08 09 05.0 +2.0
	comp=Z,252nmcomp=Z,32nm,1.1s				
CM01	Chiang Mai Arr	27.98 291	P	P	08 09 10.1 +6.8
CM05	Chiang Mai Arr	27.98 291	P	P	08 09 05.2 +1.9
	comp=Z,114nmcomp=Z,9.7nm,1.8s				
CM02	Chiang Mai Arr	27.99 291	P	P	08 09 05.5 +2.2
	comp=Z,237nmcomp=Z,10nm,1.0s				
CM31	Chiang Mai Arr	28.00 291	P	P	08 09 08.2 +4.7
	comp=Z,619nm,0.8s				
CM31	Chiang Mai Arr	28.00 291	P	P	08 09 03.8 +0.4
CMAR	Chiang Mai Arr	28.00 291	P	P	08 09 03.8 +0.4
	comp=Z,3.4nm,0.6s,baz=107,slow=7.2,SNR=14				
CMAR			P	P	08 12 18.4 +1.0
	comp=Z,1.5nm,0.4s,baz=6.8,slow=0.9,SNR=4.4				
CMAR	Chiang Mai Arr	28.00 291	P	P	08 20 43.6
CMAR	Chiang Mai Arr	28.00 291	P	P	08 09 03.2 -0.2
PMG	Port Moresby	28.00 132	P	P	08 09 04.1 +0.7
	comp=Z,2.0nm,0.6s,baz=14,slow=6.6,SNR=8.7				
PMG	Port Moresby	28.00 132	eP	P	08 09 03.6 +0.2
	comp=Z,36nm,1.0s				
PMG	Port Moresby	28.00 132	P	P	08 09 03.4 -0.1
PMG	Port Moresby	28.00 132	P	P	08 09 03.9 +0.5
CM15	Chiang Mai Arr	28.02 291	P	P	08 09 06.0 +2.4
	comp=Z,18nm,0.9s				
CM13	Chiang Mai Arr	28.02 291	P	P	08 09 06.3 +2.7
	comp=Z,161nmcomp=Z,18nm,1.1s				
MNSI	Mandailing Nat	28.05 253	P	P	08 09 05.0 +1.1
	comp=Z,48nm,0.9s				
CMMT	Chiang Mai Arr	28.09 292	P	P	08 09 04.3 +0.1
	comp=Z,295nmcomp=Z,9.7nm,1.2s				
CM33	Chiang Mai Arr	28.09 292	P	P	08 09 04.0 -0.2
CHTO	Chiang Mai	28.09 292	P	P	08 09 03.5 -0.7
	comp=Z,17nm,1.0s				
CHTO	Chiang Mai	28.09 292	P	P	08 09 03.5 -0.7
PSI	Prapat	28.09 258	P	P	08 09 04.2 -0.3
	comp=Z,22nm,0.6s,baz=0.4,slow=3.0,SNR=18				
PSI			LR	LR	08 22 16.0
RPSI	Rantau Prapat	28.12 258	P	P	08 09 04.2 -0.4
RPSI	Rantau Prapat	28.12 258	P	P	08 09 02.2 -2.3
RPSI			IAMB	IAMB	08 09 10.9
CM32	Chiang Mai Arr	28.14 292	P	P	08 09 06.0 +1.3
COEN	Coen	28.17 144	P	P	08 09 09.0 -0.9
MHMT	Maesarieng	28.27 290	P	P	08 09 11.0 -0.1
MAT	Matsushiro	28.90 20	P	P	08 09 10.5 -0.8
MAT			S	S	08 13 55.6 -2.1
MJAR	Matsushiro Arr	28.90 20	P	P	08 09 10.4 -0.8
	comp=Z,7.2nm,0.7s,baz=193,slow=9.4,SNR=14				
MJAR			LR	LR	08 20 39.8
XAN	Xian	29.14 329	P	P	08 09 11.8 -1.6
XAN			P	S	08 09 34.5 +0.3
XAN			P	Pn	08 10 06.7 -1.8
XAN			P	S	08 14 02.3 +0.8
	comp=Z,25nm,0.9s				
XAN	comp=Z,220nm,4.4s				
XAN	comp=Z				

Table with columns for station name, frequency, power, and other technical details. Includes stations like Yuzh-Sakhalins, KLR, HIA, H11S3, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WMQ, ARPS, YNG, BHPL, CAN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TDK, NIL, MDOK, TNSN, etc.

2015 FEB

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

Table with columns: R50A, Paris, 23.29, 22, P, I, Amb, P, I, Amb, 08 37 05.1, -1.9. Includes detailed seismic event data and station information.

Table with columns: CEL, comp=E, 1.2950um, 1.4s, AML, AML. Lists seismic events with magnitude and station data.

ASAR Alice Springs 50.26 191 P 09 40 11.1 +0.8
FINES FINESSE Array B 79.17 334 P 09 43 18.3 -0.1

DJA 06 09:38:58.8±1.0, 10°10'N±3'12.7E±1.1, h17km, 6km, M5.0/37, mb4.8/37, mB5.3/15, MLV5.7/2, Mw(MB)4.7/15, MwMwp5.2/1, MwP5.5/1
MAN 06 09:39:02.6, 9.63N±126.41E, h15km, mb5.5, ML5.5, MS4.7
MAN INTENSITY II - DAPA AND SOCORRO.
BUJ 06 09:39:04.2±0.0, 9.24N±126.49E, h90km, mb5.1/40, mb4.9/56
GCMT 06 09:39:05.6±0.2, 9.57N±126.49E±0.01, h31km, MW5.1/96, Moment Tensor Solution. s7c101; s6c, c136; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=4.97±.17; Mw0.17±.11; Mw-5.14±.11; Mw0.17±.16; Mw0.35±.08; Mw2.80±.17; Best double couple: Mo5.79200x10^16 NP1±172.00000°, δ31.00000°, λ84.00000°. NP2±360.00000°, δ59.00000°, λ94.00000°. Principal axes: T 5.7060, Plg75.0000°, Azm280.0000°; N 0.1750, Plg3.0000°, Azm178.0000°; P -5.8790, Plg14.0000°, Azm87.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
NEIC 06 09:39:05.6±1.5, 9.50N±126.31E±0.09, h63km, 6km, mb4.9/32 Error ellipse: s-maj=13.6km s-min=10.0km az=75.0
IDC 06 09:39:06.5±1.7, 9.51N±126.27E, h70km, 16km, mb4.3/42, mb1.4/36, mb1mx4.3/64, mbtmp4.6/46, MS4.2/29, Ms1.4/29, ms1mx4.1/40, Error ellipse: s-maj=13.8km s-min=8.3km az=83.0
ISC 06 09:39:04.1±0.5, 9.61N±126.47E±0.05, h44km, 4km, n290, s181/282, mb4.8/15, MS4.3/36, 3C-4D, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like General Luna, Butuan, Caayin, Mususan, Davao City, etc.

Table with columns: Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Nanjing, Nongkai, SLVN CHAI, JMN, etc.

Table with columns: Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LZH, HHC, AS31, etc.

6d 11h

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

2015 FEB

Main table with columns: EKSZ, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

304

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

6d 12h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PPLA, GLI, HIN, SML, FID, etc.

2015 FEB

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PRN, PRN, MVU, MVU, MSU, SRU, etc.

306

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, URZ, ASAR, BOSA, BOSA, etc.

6d 14h

Table of station data for 6d 14h, including columns for station name, frequency, power, and other technical details.

2015 FEB

Table of station data for 2015 FEB, including columns for station name, frequency, power, and other technical details.

DC 06 14:01:25.4, 4.7, 16:23'S x 175:94'W, h0km, mb4, 9/3, mb1 5.1/3, mb1mx3, 9/31, mbtmp4, 9/3, MS, 0/1, Ms1 4, 0/1, ms1mx2, 8/32, Error ellipse: s-maj=156.0km s-min=3.0km az=152.0

NEIC 06 14:02:05.7, 0.9, 17:05.0' x 175:8'W, 0.1, h40km, n29, s196/27, mb4, 2/12, Tonga Islands

Table of station data for 2015 FEB, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, and other technical details.

KRSC 06 14:03:15.7, 1.6, 48:89'N, 157:10'E, h31km, 25km, ML4.4, MOS 06 14:03:15.6, 1.2, 48:79'N, 156:29'E, h40km, mb, 0/1, Error ellipse: s-maj=13.1km s-min=4.2km az=75.1

SKHL 06 14:03:16.5, 0.4, 48:80'N, 156:20'E, h52km, 8km, mb4, 3/18, IDC 06 14:03:20.5, 3.0, 49:00'N, 156:06'E, h57km, 27km, mb3, 4/14, mb1 3.6/17, mb1mx3, 5/37, mbtmp3, 7/17, ML3, 3/3, MS3, 5/5, Ms1 3.5/5, ms1mx3, 0/24, Error ellipse: s-maj=22.5km s-min=13.6km az=142.0

ISC 06 14:03:17.4, 4.2, 48:31'N, 157:07'E, h36km, 29km, n95, s123/104, mb3, 7/14, MS3, 6/4, East of Kuril Islands

Table of station data for 2015 FEB, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, and other technical details.

308

Table of station data for 308, including columns for station name, frequency, power, and other technical details.

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

KUR comp=Z, 1.0nm, 0.3s, baz=308, slow=1.7, SNR=1.8

6d 16h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Maddy's Statio, Dawn, Van Buren, Jarrell, Muleshoe, Poplar Bluff, Tabor, French Village, Carbonate, Southern Illin, Meyer Farm, Va.

IDC 06 15:33:00.4:3.1,32.99S>177.39W,h0km,mb3.5/2, mb1 3.7/3,mb1mx3.6/26,mbtmp3.5/3,ML3.7/1,Error ellipse: s-maj=75.4km s-min=51.1km az=129.0,South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRR Warramunga Arr, MKAR Makanchi Array.

KRNET 06 15:37:34.7:0.1,39.69N:77.75E,h27km,mb3.8 SOME 06 15:37:39.0,40.03N:77.35E,h5km NNC 06 15:37:40.8:0.7,40.08N:77.44E,h0km,mb4.1,mpv3.8, Error ellipse: s-maj=5.1km s-min=4.2km az=153.0, ISC 06 15:37:36.2:1.0,39.73N:0.05:77.62E:0.04,h10km,n88, r1574/132,33C-13D,Southern Xinjiang

Main table for the left column containing station data for various codes like KDJ, ULHL, ANVS, ARLS, TNSS, IZV, UCH, MDOK, MTBS, AAA, KNDK, KOTS, TKM2, KST, KBK, UZB.

2015 FEB

Main table for the middle column containing station data for various codes like UZB, SHLS, AAK, DGS, KURS, AML, AAL, PDGK, ARSB, CHMS, KTBS, KRBS, KRBS, KTMS, USP, KUU, KUU, KUU, SGDS, MNBS, MRKS, ARXS, ARXS, DRK, DRK, MNAS, DJR, DJR, TDK, TDK.

310

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TDK Taldyqorghan, TDK, KAPS Kaparalasan, KAPS Kaparalasan, BTLS Baital, BTLS Baital, BTLS Baital, KK31 Karatay Array, KK31, MK31 Makanchi Array, KURK Kurchatov, DANN Dangsing, GKN Gorkha, DMN Daman, GUN Gumba, PKIN Pchucki, PKI Pulchoki.

IDC 06 15:56:27.2:22.0,38.35N:145.53E,h0km,mb3.3/2, mb1 3.5/3,mb1mx3.2/30,mbtmp3.2/3,ML2.5/1,Error ellipse: s-maj=466.5km s-min=55.5km az=15.0, JMA 06 15:56:41.9:0.2,37.41N:144.52E,h41km,M3.7 ISC 06 15:56:39.8:1.4,37.39N:0.06:144.76E:0.09,h35km,n23, r186/33,Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JIKH, JIO Ouri, JIO, JKMT Kesennumotoy, JKMT, OFUJ Ichinoseki, JMK, JOM Ohasama, JFT Otama, JYK Kaneyama, BSO1 Boso 1, JAH Hinai, JAH, JRY Ryogang san, JOT Ohata, JOD2 Odawara 2, JOD2, MJAR Matsushiro Arr, JCH Churui, JCH, JKB Kayabe, NEM2 Nemuro 2, JTKR Abashiri-Toko, H11N2 WAKE ISLAND Hy 26.11 126 T, H11N1 WAKE ISLAND Hy 26.12 126 T, H11N3 WAKE ISLAND Hy 26.13 126 T, WRA Warramunga Arr, ASAR Alice Springs.

IDC 06 16:12:08.3:999.0,55.37N:31.82E,h0km,Error ellipse: s-maj=742.9km s-min=147.3km az=69.0,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like I43RU DUBNA INFRASON, I313K AKTYUBINSK INF, I46RU ZALESOVO INFRA30.08.

AEIC 06 16:18:05:2.0,52.0N:0.1:178.00E:0.09,h154km,5km, Error ellipse: s-maj=19.4km s-min=7.5km az=186.0, NEIC 06 16:18:06.6:1.8,51.9N:0.2:178.06E:0.09,h151km,7km, mb4.5/79, Error ellipse: s-maj=28.2km s-min=7.8km az=186.0, IDC 06 16:18:07.6:2.5,52.15N:178.09E,h148km,22km, mb3.8/21,mb1 4.0/24,mb1mx3.9/40,mbtmp4.3/24,Error ellipse: s-maj=18.1km s-min=9.3km az=172.0, ISC 06 16:18:07.0:0.5,52.02N:0.09:178.10E:0.04,h150km, n272,r1509/272,mb4.4/63,Rat Islands

Main table for the right column containing station data for various codes like LSNW Little Sitkin, LSSA Little Sitkin, LSPA Little Sitkin, CESW Semis' Southwe, CEAP Semis' Anvil P, AMKA Amchitka, AMKA Amchitka, CERAA Semis' Rag'd T, SMY Shemya, SMY Shemya, ADK Adak, ADK Adak, ATKA Atka Island, NIKH Nikolski High, OKFG Magazine Ridge, MAPS Parkashin South, UNV Unalaska Valle, PEAOB Petropavlovsk-, PETK Petropavlovsk-, PETK, PETK, PETK, TTA Talalina, KDAD Kodiak Island, RSO China Pool, RDOG Red Dog Mine, CNPM China Pool, BRLK Bradley Lake, SKT Skwentna, SKT, PPLA Purkeypile, O22K Cooper Landing.

SEW	Seward	19.67	53	P	P	16 22 24.4	+0.4
RC01	Rabbit Creek A	19.72	50	P	P	16 22 24.8	+0.3
CUT	Chulitna	19.82	46	P	P	16 22 26.1	+0.6
IMAR	Indian Mountai	19.89	35	P	P	16 22 27.5	+1.2
KTH	Kantishna Hill	19.91	43	P	Pn	16 22 28.4	-1.5
PMR	Palmer	20.12	49	P	Iamb	16 22 30.5	-1.8
TRF	Thorofore Moun	20.14	43	P	P	16 22 30.3	+1.0
KNK	Knik Glacier	20.40	50	P	P	16 22 32.0	+0.2
SML	Sawmill	20.54	48	P	P	16 22 33.3	-0.1
MLY	Manley	20.56	39	P	P	16 22 33.8	+0.3
RND	Reindeer	20.74	44	P	P	16 22 36.0	+0.5
MCK	McKinley	20.81	43	P	P	16 22 36.2	0.0
SCM	Sheep Creek Mo	21.01	49	P	P	16 22 38.4	-0.1
NEA2	Nenana	21.05	41	P	P	16 22 39.0	+0.3
I23K	Minto, Yukon-K	21.14	39	P	P	16 22 40.2	+0.5
I23K	Minto, Yukon-K	21.14	39	P	P	16 22 41.2	+1.5
WRH	Wood River Hill	21.40	41	P	P	16 22 41.8	-0.7
MDM	Murphy Dome	21.52	40	P	P	16 22 44.6	+0.8
CCB	Clear Creek Bu	21.58	41	P	Iamb	16 22 43.3	-0.5
M24K	Tolsona, Glenn	21.60	48	P	P	16 22 44.7	0.0
M24K	Tolsona, Glenn	21.60	48	P	P	16 22 45.9	+1.2
KLU	Klutina	21.61	50	P	Iamb	16 22 44.9	0.0
TCOL	CIGO, UAF Yank	21.63	40	P	P	16 22 45.0	+0.1
COLA	College	21.64	40	P	Iamb	16 22 44.3	-0.6
COLD	Coldfoot	21.74	34	P	P	16 22 46.4	+0.4
COLD	Coldfoot	21.74	34	P	P	16 22 47.1	+1.0
HDA	Harding Lake	21.85	42	P	P	16 22 47.2	-0.1
POKR	Poker Plat Res	21.89	40	P	P	16 22 47.8	+0.2
POKR	Poker Plat Res	21.89	40	P	Iamb	16 22 48.2	+0.6
IL31	Ilk	21.99	41	P	P	16 22 47.4	-1.2
ILAR	Elieison Array	21.99	41	P	P	16 22 47.0	-1.7
ILAR	Elieison Array	21.99	41	P	P	16 22 47.4	-1.2
ILAR	Elieison Array	21.99	41	P	P	16 22 49.0	-0.3
ILAR	Elieison Array	21.99	41	P	P	16 22 49.0	-0.3
ILAR	Elieison Array	21.99	41	P	P	16 22 49.0	-0.3
N25K	Chitina, Valde	22.25	50	P	P	16 22 51.6	+0.3
N25K	Chitina, Valde	22.25	50	P	P	16 22 51.8	+0.4
A21K	Barrow	22.44	21	P	P	16 22 52.5	-0.4
A21K	Barrow	22.44	21	P	Iamb	16 22 52.4	-0.4
SUCK	Sucking Hills	22.48	54	P	P	16 22 54.5	+0.9
RIDC	Independent Ri	22.56	44	P	P	16 22 53.0	+0.4
GLB	Gilahina Butte	22.60	50	P	Iamb	16 22 55.1	+0.4
VRDI	Verde Repeater	22.75	51	P	P	16 22 56.6	+0.4
DOT	Dot Lake	22.88	45	P	Iamb	16 22 56.9	-0.3
MENT	Mentasta	22.88	47	P	P	16 22 58.3	+1.1
MCARA	McCarthy VSAT	22.97	51	P	Iamb	16 22 59.7	+1.6
SCRK	Sand Creek	22.98	44	P	P	16 22 57.4	-0.8
TGL	Tana Glacier	23.00	52	P	P	16 22 59.9	+1.4
FYU	Fort Yukon	23.25	37	P	Iamb	16 22 51.0	+0.6
BALM	Baldy	23.27	52	P	P	16 23 01.3	+0.4
BALM	Baldy	23.27	52	P	Iamb	16 23 02.7	-0.7
BARN	Barnard Glacie	23.60	52	P	P	16 23 04.8	+0.8
CTGM	Chitina Glacie	23.75	52	P	P	16 23 06.0	+0.7
BMAR	Burnt Mountain	23.80	35	P	P	16 23 06.6	+1.0
TABL	Table Mountain	23.82	53	P	P	16 23 06.4	+0.4
EGAK	Eagle	24.36	43	P	P	16 23 11.1	+0.5
EPYK	Eagle Plains	26.48	40	P	P	16 23 30.3	+0.4
EPYK	Eagle Plains	26.48	40	P	P	16 23 30.1	+0.3
INK	Inuvik	28.06	36	P	P	16 23 44.4	+0.6
INK	Inuvik	28.06	36	P	Iamb	16 23 44.6	+0.8
KLR	Kul'dur	29.15	283	P	P	16 23 54.3	+0.6
DLBC	Dease Lake	29.62	57	P	P	16 23 59.2	+1.5
USRK	Ussuriysk Ar	31.31	274	P	P	16 24 13.3	+0.6
C36M	Paulatuk	31.59	35	P	P	16 24 15.5	+0.6
C36M	Paulatuk	31.59	35	P	P	16 24 15.7	+0.9
H11N2	WAKE ISLAND Hy	33.40	199	T	T	16 59 56.1	-0.8
H11N3	WAKE ISLAND Hy	33.41	199	T	T	16 59 52.8	-0.8
H11N1	WAKE ISLAND Hy	33.41	199	T	T	16 59 56.2	-0.8
H11S1	WAKE ISLAND Hy	34.62	199	T	T	17 01 24.1	-0.8
H11S3	WAKE ISLAND Hy	34.64	199	T	T	17 01 25.8	-0.8
H11S2	WAKE ISLAND Hy	34.64	199	T	T	17 01 27.5	-0.8
YKA	Yellowknife Ar	36.19	47	P	P	16 24 55.8	+1.2
G05D	Wamic, OR	39.57	75	P	P	16 25 23.0	-0.2
RES	Resolute Bay	39.96	24	P	P	16 25 26.9	+1.0
NEW	Newport	40.46	69	P	P	16 25 29.6	-1.0
NEW	Newport	40.46	69	P	Iamb	16 25 30.5	0.0
MOD	Modoc Plateau	42.05	79	P	P	16 25 44.1	+0.4
BMO	Blue Mountains	42.17	73	P	P	16 25 45.1	+0.5
NRHK	Noril'sk	42.87	329	P	P	16 25 49.9	+0.2
MSO	Misoula	43.05	61	P	P	16 26 00.8	-0.9
HLID	Hailey	44.71	73	P	P	16 26 04.0	-0.2
SONM	Songino Array	44.63	294	P	P	16 26 05.3	+1.0
SONM	Songino Array	44.63	294	P	P	16 26 03.1	-1.2
BOCV	Bear Canyon	44.74	72	P	P	16 26 05.4	-0.2
EGMT	Eagleton	44.77	65	P	P	16 26 04.7	-0.7
MCMT	McKenzie Canyo	44.80	71	P	P	16 26 05.2	-0.6
BOZ	Bozeman (W)	45.07	69	P	P	16 26 07.0	-0.8
NVAR	Nina Array Bea	45.38	81	P	P	16 26 11.7	+1.3
HHC	Hu-ho-hao-te	45.66	283	eP	P	16 26 13.6	+1.2

HHC	comp=Z,13nm,0.8s						
ELK	comp=Z,110nm,6.1s						
VHB	Elko	45.80	77	P	P	16 26 13.7	0.0
YHB	Horse Butte	45.80	70	P	Iamb	16 26 13.7	+0.1
H17A	comp=Z,6.4nm,0.8s	46.37	70	P	P	16 26 17.9	-0.3
VES	Grant Village	46.55	85	P	P	16 26 19.0	-0.3
RLMT	Vestal, Richgr	46.70	68	P	P	16 26 19.5	-1.1
NJ2	Red Lodge	46.78	269	eP	P	16 26 21.5	-0.4
FCC	Nanjing	46.88	269	eP	P	16 26 21.5	-0.4
ISA	comp=Z,12nm,0.5s	46.90	45	P	Iamb	16 26 21.9	+0.2
MPMC	Fort Churchill	47.04	84	P	P	16 26 22.9	-0.3
FURC	comp=Z,11nm,1.0s	47.39	83	P	P	16 26 25.6	-0.5
FURC	Isabella, Lake	47.51	82	P	P	16 26 26.1	-0.6
TPNV	Manual Prospec	47.57	81	P	P	16 26 26.5	-1.0
TPNV	Vestal, Rchgr	47.57	81	P	Iamb	16 26 26.9	-0.6
DUG	Topopah Spring	47.59	76	P	P	16 26 27.5	-0.1
DUG	Topopah Spring	47.59	76	P	Iamb	16 26 29.4	-0.4
EDW2	comp=Z,7.0nm,0.9s	47.85	85	P	P	16 26 28.3	-1.2
BW06	Edwards Air Fo	47.94	71	P	P	16 26 29.0	-1.3
BW06	Boiler Array	47.94	71	P	P	16 26 29.9	-0.4
PD31	comp=Z,3.3nm,0.5s,baz=310,slow=3.6,SNR=28	47.94	71	P	P	16 26 29.9	-0.4
PDAR	Pinedale Array	47.94	71	P	P	16 26 29.9	-0.6
PRN	Pahroc Range	48.01	80	P	Iamb	16 26 32.9	-0.9
GSC	comp=Z,4.4nm,0.7s	48.01	83	P	P	16 26 31.1	-1.9
SHUT	Goldstone, Bar	48.28	83	P	P	16 26 31.1	-1.9
SHOC	Shoshone, Tecc	48.28	83	P	P	16 26 32.0	-0.4
GSC	Goldstone, Bar	48.31	83	P	P	16 26 31.1	-1.5
GSC	Goldstone, Bar	48.31	83	P	Iamb	16 26 34.5	-0.5
BFSC	comp=Z,12nm,1.1s	48.49	85	P	P	16 26 34.5	0.0
HEC	Mount Baldy Ra	48.81	84	P	P	16 26 37.6	0.0
TMUT	Hector,Ludlow	49.12	76	P	Iamb	16 26 39.6	+0.2
MURC	Trail Mountain	49.20	85	P	P	16 26 39.4	-0.4
RDMU	comp=Z,6.9nm,1.1s	49.29	73	P	Iamb	16 26 40.5	-0.1
RDMU	Murrieta	49.29	73	P	Iamb	16 26 41.6	-0.6
GMRC	comp=Z,5.5nm,0.9s	49.35	83	P	P	16 26 38.9	-2.1
PFO	Granite Mounta	49.65	85	P	P	16 26 41.9	-1.4
SRU	Pinyon Flats O	49.65	75	P	Iamb	16 26 44.2	+0.8
TPFO	SRU	49.65	75	P	Iamb	16 26 44.5	-0.6
BELC	comp=Z,4.4nm,0.6s	49.65	85	P	P	16 26 42.7	-0.6
IRM	Pinon Flats	49.67	84	P	P	16 26 42.1	-1.3
MONP2	Belle Mtn. Jos	50.09	83	P	P	16 26 45.6	-0.8
BC3	Iron Mountain	50.16	86	P	P	16 26 46.1	-1.2
U15A	Monument Peak	50.23	84	P	P	16 26 46.4	-1.3
O20A	Big Chuckawall	50.28	66	P	P	16 26 46.9	-1.1
CBX	RSSD Black Hills	50.32	79	P	Iamb	16 26 50.8	-0.6
CBX	North Rim	50.32	79	P	Iamb	16 26 50.8	-0.6
MDND	comp=Z,5.4nm,0.7s	50.35	73	P	P	16 26 48.0	-0.6
SWSC	White River Ci	50.35	73	P	P	16 26 48.0	-0.6
IPK	Cerro Bola	50.40	86	P	P	16 26 49.1	+0.1
PDMC1	CBX	50.44	60	P	Iamb	16 26 51.1	-0.8
ULM	Maddock	50.44	60	P	P	16 26 48.1	-0.8
ULM	Sam W. Stewart	50.50	85	P	P	16 26 49.2	-0.3
ULM	In-Ko-Pah, Jac	50.51	86	P	P	16 26 49.2	-0.6
ULM	Parker Dam,Lak	50.63	83	P	P	16 26 49.9	-0.4
ULM	Lac du Bonnet	50.93	56	P	P	16 26 52.3	-0.2
ULM	Lac du Bonnet	50.93	56	P	Iamb	16 26 52.1	-0.4
GLM	comp=Z,6.2nm,0.7s	51.03	84	P	P	16 26 53.2	-0.4
N23A	GLM	51.03	84	P	P	16 26 54.0	-1.1
WUAZ	Red Feather La	51.48	79	P	P	16 26 56.3	-0.7
MVCO	Wupatki	52.10	76	P	P	16 27 00.7	-1.0
ISCO	Mesa Verde	52.11	71	P	P	16 27 01.5	-0.4
AGMN	Idaho Springs	52.14	58	P	P	16 27 01.1	-0.4
ZALV	AGMN Agassiz Nation	52.17	312	P	P	16 27 04.5	+2.8
ZALV	Zalesovo Beam	52.17	312	P	P	16 27 04.5	+2.8
W18A	comp=Z,0.6nm,0.5s,baz=28,slow=6.6,SNR=2.9	52.74	74	P	P	16 27 05.6	-0.9
S22A	4UR Ranch, Cre	52.74	74	P	P	16 27 05.6	-0.9
W18A	Petrified Fore	52.74	79	P	P	16 27 05.5	-0.9
214A	Organ Pipe Nat	53.42	84	P	P	16 27 07.6	-0.7
LZH	Lanzhou	53.35	284	eP	P	16 27 14.8	-4.0
LZH	Lanzhou	53.35	284	eP	P	16 27 45.9	+1.1
OGNE	comp=Z,14nm,1.2s	53.45	68	P	P	16 27 56.2	-4.9
SDCO	Gaotai	53.53	73	P	P	16 27 10.3	-1.0
GTA	Great Sand Dun	53.53	73	P	P	16 27 11.2	-1.1
GTA	Gaotai	53.53	289	eP	P	16 27 13.4	+1.3
GYM	comp=Z,5.0nm,0.7s	54.62	56	P	P	16 27 45.3	-0.9
EYMN	Ely	54.62	56	P	P	16 28 01.9	-0.4
ECSDD	EROS Data Cent	54.66	62	P	P	16 27 18.9	-0.8
ARCES	ARCES Array B	57.11	349	P	P	16 27 18.5	-1.5
WMXO	Urumqi	57.36	301	eP	P	16 27 36.6	-0.4
WMXO	Cornudas Moun	57.36	301	eP	P	16 27 41.5	+2.2
SCIA	State Center	57.74	62	P	P	16 27 41.2	-0.7
MK31	Makanchi Array	58.11	306	P			

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Semis' Southwe, Semis' Rag'd T, Semis' Anvil P, Amchitka, Little Sitkin, etc.

IDC 06 16:39:15.0, 1.9, 31.53S:177.45W, h0km, mb4.2/3, mb1.4/4, mb1mx4.0/39, mbtmp4.2/4, ML3.8/1, MS3.3/3, Ms1.3/2.3, ms1mx2.8/33.6, Error ellipse: s-maj=58.2km s-min=30.4km az=183.0

NEIC 06 16:39:20.1, 2.8, 31.37S:0.07:177.6W:0.2, h35km, 2km, mb4.4/15, Error ellipse: s-maj=26.8km s-min=12.0km az=99.0

ISC 06 16:39:19.1, 1.2, 31.26S:0.06:177.7W:0.2, h26km, n31, n167/33, mb4.4/10, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Raoul Island, Matias Romero, Tegipohu, etc.

IDC 06 16:44:03.4, 0.9, 1.94N:97.16W, h0km, mb4.1/8, mb1.4/3.8, mb1mx4.0/45, mbtmp4.1/8, MS3.5/8, Ms1.5/8, ms1mx3.2/28, Error ellipse: s-maj=48.5km s-min=19.6km az=60.0

ISC 06 16:44:04.5, 1.1, 1.91N:0.2:97.2W:0.3, h10km, n27, n1508/13, mb4.0/8, MS3.7/7, West of Galapagos Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matias Romero, Tegipohu, GOCORRO T-PHASE1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAKE ISLAND HY 95.17 289, WAKE ISLAND HY 95.17 289, etc.

TUL 06 16:49:05.8, 1.2, 36.731N:0.04:98.33W:0.0, h4km, 7km, ML3.4, mb, Lg3.4/90(NEIC), Error ellipse: s-maj=5.6km s-min=4.7km az=166.0

ANF 06 16:49:06.5, 0.7, 36.72N:98.34W, h5km, ML4.2/8, Error ellipse: s-maj=8.9km s-min=6.7km az=75.0

NEIC 06 16:49:07.0, 1.5, 36.72N:0.02:98.27W:0.0, h12km, 7km, Error ellipse: s-maj=5.5km s-min=1.7km az=62.0

ISC 06 16:49:05.9, 1.3, 36.70N:0.03:98.29W:0.03, h4km, 11km, n78, n0679/46, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CROK Carrier, KAN14 Manchester OK, ANTHONY SW Sta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OGNE, WLAR White Oak Lake, N38A Joe South For, etc.

ISK 06 16:50:19.5, 37.29N:26.75E, h5km, ML3.1/7 THE 06 16:50:20.6, 37.27N:26.80E, h7km, 1km, ML2.9/3, Error ellipse: s-maj=1.7km s-min=0.5km az=83.0

DDA 06 16:50:20.4, 37.29N:26.75E, h7km, 3km, ML2.7 ATH 06 16:50:21.6, 37.34N:26.83E, h17km, 4km, ML2.8/1, Error ellipse: s-maj=6.3km s-min=1.2km az=76.0

ISC 06 16:50:20.6, 1.3, 37.30N:0.02:26.78E:0.02, h12km, 9km, n28, n068/49, Decedance Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DDIM Aydin, Didim, SMG Samos, etc.

KAN10	Anthony SW Sta	0.44	25	Pg	Pg	17 12 04.5	-0.1
KAN10	Bluff City Nor	0.53	43	Sg	Sg	17 12 10.6	+0.3
KAN05	Anthony NE Sta	0.58	30	Sg	Sg	17 12 07.1	-0.1
KAN08	Argonia South	0.63	47	Sg	Sg	17 12 16.7	+0.4
KAN01	Harper NE Stat	0.63	25	Sg	Pg	17 12 16.9	+0.5
KAN12	Winter Ranch,	0.64	238	Sg	Sg	17 12 09.3	-0.1
US32A	South Haven SW	0.74	67	Sg	Sg	17 12 09.9	-0.4
KAN13	Liberty Lake	1.16	142	Pg	Pg	17 12 17.7	-0.6
OK029	Bluff Creek, N	1.21	151	Sg	Pg	17 12 35.5	-0.1
BCOK	Bluff Creek, N	1.21	151	Iamb_Lg	Pg	17 12 18.2	-1.0
BCOK	Westminster Rd	1.39	145	Sg	Sg	17 12 35.6	+0.6
OK025	Quay	1.42	112	Pn	Pn	17 12 22.2	-0.4
OK031	S. Brethren Rd	1.43	122	Pn	Pn	17 12 22.3	-0.4
T35A	Sooner Cattle	1.47	82	Pn	Pn	17 12 22.9	-0.5
OK030	Cody Creek RV	1.48	122	Pn	Pn	17 12 23.3	-0.1
OKCFA	Oklahoma City	1.48	151	Pn	Pn	17 12 23.1	-0.5
okcsw	OKLAHOMA CITY	1.50	151	Pn	Pn	17 12 23.2	-0.5
FNO	Franklin	1.65	152	Pn	Pn	17 12 26.0	+0.3
R32A	Long Quarter,	1.72	350	Pn	Pn	17 12 31.0	+0.4
WMOK	Wichita Mounta	2.01	191	S	Sn	17 12 31.0	+0.2
WMOK	Wichita Mounta	2.01	191	S	Sn	17 12 57.1	+0.6
WMOK	Wichita Mounta	2.01	191	P	Pn	17 12 31.2	+0.4
TUL1	Leonard	2.20	111	P	Pn	17 12 34.2	+0.8
TUL1	Leonard	2.20	111	S	Sn	17 13 02.1	+1.0
TUL1	Leonard	2.20	111	Iamb_Lg	Pn	17 12 34.3	+0.9
CBK5	Cedar Bluff	2.37	332	P	Pn	17 12 35.5	-0.2
CBK5	Cedar Bluff	2.37	332	S	Sn	17 12 35.4	+0.1
CBK5	Cedar Bluff	2.37	332	Pn	Pn	17 12 36.2	+0.4
KSU1	Kansas State U	2.74	29	Pn	Pn	17 12 40.0	-0.7
US3A	Gravette	3.19	94	Pn	Pn	17 12 47.5	+0.5
X37A	Clayton	3.21	131	Iamb_Lg	Pn	17 12 47.6	+0.3
AMTX	Amarillo	3.28	237	P	Pn	17 12 49.2	+0.8
AMTX	Amarillo	3.28	237	S	Sn	17 13 28.3	+0.4
AMTX	Amarillo	3.28	237	Pn	Pn	17 12 48.4	0.0
Z35A	Perchaven, San	3.50	165	Pn	Pn	17 12 52.4	+1.2
HHAR	Hobbs	3.56	96	Pn	Pn	17 12 52.7	+0.6
W39A	Magazine	3.99	111	Pn	Pn	17 12 59.1	+1.1
N33A	J Bar K, Exete	4.07	9	Pn	Pn	17 12 57.7	-1.3
KSC0	Kaye Shedlock'	4.10	305	Pn	Pn	17 12 59.6	0.0
KSC0	Kaye Shedlock'	4.10	305	Pn	Pn	17 12 58.8	-0.7
S39A	Bolivar	4.11	75	Iamb_Lg	Pn	17 14 11.6	
S39A	Bolivar	4.11	75	Iamb_Lg	Pn	17 12 59.6	0.0
ABTX	Abilene, Hawle	4.23	195	P	Pn	17 13 01.4	+0.2
ABTX	Abilene, Hawle	4.23	195	Pn	Pn	17 12 59.7	-1.6
Z38A	Mt. Pleasant	4.41	141	Iamb_Lg	Pn	17 14 18.4	
U40A	Yellville	4.42	93	Pn	Pn	17 13 04.0	-0.1
MIAR	Mount Ida	4.44	118	Pn	Pn	17 13 04.6	+0.5
MIAR	Mount Ida	4.44	118	Iamb_Lg	Pn	17 14 21.7	
MBTX	Muleshoe	4.55	234	Pn	Pn	17 13 06.0	+0.2
N35A	Tabor	4.63	26	Pn	Pn	17 13 07.4	-2.1
BGNE	Belgrade	4.68	2	Iamb_Lg	Pn	17 13 07.3	-0.2
P38A	Dawn	4.76	51	Iamb_Lg	Pn	17 13 08.1	-0.5
MGMO	Mountain Grove	4.87	83	Pn	Pn	17 13 09.8	-0.4
MGMO	Mountain Grove	4.87	83	Iamb_Lg	Pn	17 14 37.6	
X40A	Basin Creek Fa	5.00	115	Pn	Pn	17 13 12.0	+0.1
R40A	Maddies Statio	5.07	70	Pn	Pn	17 13 12.0	-0.8
FCAR	Ozark Folk Cen	5.08	98	Pn	Pn	17 13 13.0	0.0
WHAR	Woody Hollow	5.10	104	Iamb_Lg	Pn	17 13 13.6	+0.4
OGNE	Ogallala	5.11	327	Pn	Pn	17 13 13.6	+0.1
237A	Washetta, Mont	5.15	155	Pn	Pn	17 13 13.0	-0.9
L34A	Svensden Farm,	5.45	16	Pn	Pn	17 13 18.1	0.0
N38A	Joes South For	5.69	43	Pn	Pn	17 13 21.7	+0.4
P40A	Paris	5.69	59	Pn	Pn	17 13 21.1	-0.2
CCM	Cathedral Cave	5.80	75	Pn	Pn	17 13 22.3	-0.5
T42A	Van Buren	5.81	85	Pn	Pn	17 13 22.0	-1.0
SDCO	Great Sand Dun	5.81	282	Pn	Pn	17 13 22.8	-0.5
LCAR	Lake Charles	5.82	94	Pn	Pn	17 13 21.4	-1.8
CPRX	Cap Rock	5.85	233	Pn	Pn	17 13 23.3	-0.4
PBMO	Poplar Bluff	6.34	87	Pn	Pn	17 13 30.4	+0.1
FVM	French Villag	6.42	70	Iamb_Lg	Pn	17 15 16.5	
ISCO	Idaho Springs	6.50	306	Pn	Pn	17 13 32.8	0.0
ANMO	Albuquerque	6.84	257	Pn	Pn	17 13 35.2	-1.1
ECSO	EROS Data Cent	7.12	10	Pn	Pn	17 13 40.8	-0.2
P43A	Skaggs, Pawnee	7.52	65	Iamb_Lg	Pn	17 16 02.9	
OXF	Oxford	7.59	104	Pn	Pn	17 13 46.8	-0.7
MNTX	Cornudas Mount	7.70	231	Pn	Pn	17 13 48.7	-0.2
K22A	Casper	8.65	316	Iamb_Lg	Pn	17 16 40.3	

OKCFA	Oklahoma City	0.73	191	Pg	Pg	17 20 34.2	-0.1
OKCFA	Oklahoma City	0.73	191	Sg	Sg	17 20 44.2	+0.3
OKCWS	OKLAHOMA CITY	0.74	190	Sg	Pg	17 20 34.3	-0.1
FNO	Franklin	0.89	186	Sg	Pg	17 20 37.2	0.0
KAN13	South Haven SW	0.89	350	Sg	Pg	17 20 49.4	+0.8
KAN13	South Haven SW	0.89	350	Iamb_Lg	Pn	17 20 49.5	+0.7
KAN14	Manchester OK	0.98	326	Pg	Pg	17 20 39.0	-0.1
T35A	Sooner Cattle	0.99	38	Sg	Sg	17 20 52.9	+0.4
T35A	Sooner Cattle	0.99	38	Sg	Sg	17 20 39.2	0.0
T35B	Sooner Cattle	0.99	38	P	P	17 20 52.1	0.0
T35B	Sooner Cattle	0.99	38	P	P	17 20 39.3	
T35B	Sooner Cattle	0.99	38	S	S	17 20 52.2	
KAN05	Bluff City Nor	1.08	334	Sg	Pg	17 20 40.9	0.0
KAN01	Argonia South	1.08	339	Sg	Pb	17 20 56.1	+0.9
KAN10	Anthony SW Sta	1.18	327	Sg	Pg	17 20 49.0	0.0
KAN10	Anthony SW Sta	1.18	327	Sg	Pg	17 20 42.5	-0.3
KAN08	Anthony NE Sta	1.22	333	Sg	Pg	17 20 58.5	+0.3
TUL1	Leonard	1.23	100	S	Sb	17 20 43.1	-0.4
TUL1	Leonard	1.23	100	S	Sb	17 20 59.8	+0.5
TUL1	Leonard	1.23	100	S	Sb	17 20 42.8	
TUL1	Leonard	1.23	100	P	Pg	17 20 43.0	-0.7
TUL1	Leonard	1.23	100	P	Pg	17 20 42.8	
TUL1	Leonard	1.23	100	S	S	17 20 59.6	
KAN12	Harper NE Stat	1.29	334	Pn	Pn	17 20 44.4	-0.1
US32A	Winter Ranch,	1.41	280	S	S	17 20 46.2	+0.1
US32A	Winter Ranch,	1.41	280	S	S	17 21 06.1	
WMOK	Wichita Mounta	1.86	222	P	Pn	17 20 53.2	+0.9
WMOK	Wichita Mounta	1.86	222	S	Sn	17 21 17.7	+1.7
WMOK	Wichita Mounta	1.86	222	Iamb_Lg	Pn	17 20 53.0	+0.8
WMOK	Wichita Mounta	1.86	222	P	Pn	17 21 22.8	
WMOK	Wichita Mounta	1.86	222	S	S	17 20 53.3	
WMOK	Wichita Mounta	1.86	222	S	S	17 21 19.1	
X37A	Clayton	2.20	134	Iamb_Lg	Pn	17 20 57.8	+0.9
X37A	Clayton	2.20	134	Iamb_Lg	Pn	17 21 30.5	
X37A	Clayton	2.20	134	Pn	Pn	17 20 58.0	
US3A	Gravette	2.36	82	Pn	Pn	17 21 00.3	+1.2
R32A	Long Quarter,	2.55	334	Iamb_Lg	Pn	17 21 07.3	+1.2
R32A	Long Quarter,	2.55	334	P	P	17 21 03.1	
R32A	Long Quarter,	2.55	334	Sb	Sb	17 21 39.8	
Z35A	Perchaven, San	2.80	180	Pn	Pn	17 21 06.2	
Z35A	Perchaven, San	2.80	180	Pn	Pn	17 21 06.3	
W39A	Magazine	3.00	107	P	Pn	17 21 08.8	+1.0
W39A	Magazine	3.00	107	S	Sn	17 21 45.1	+1.5
W39A	Magazine	3.00	107	Iamb_Lg	Pn	17 21 09.1	+1.2
KSU1	Kansas State U	3.00	10	P	Pn	17 21 09.1	+1.1
KSU1	Kansas State U	3.00	10	S	Sn	17 21 09.8	+1.6
KSU1	Kansas State U	3.00	10	Iamb_Lg	Pn	17 21 09.2	+1.2
KSU1	Kansas State U	3.00	10	P	P	17 22 00.8	
KSU1	Kansas State U	3.00	10	P	P	17 21 09.4	
CBK5	Cedar Bluff	3.31	325	S	Sn	17 21 53.7	+1.9
CBK5	Cedar Bluff	3.31	325	Pn	Pn	17 21 13.3	+1.1
CBK5	Cedar Bluff	3.31	325	Iamb_Lg	Pn	17 22 08.2	
MIAR	Mount Ida	3.42	117	P	Pn	17 21 14.7	+1.0
MIAR	Mount Ida	3.42	117	S	Sn	17 21 55.9	+1.5
MIAR	Mount Ida	3.42	117	Iamb_Lg	Pn	17 21 15.2	+1.5
MIAR	Mount Ida	3.42	117	Iamb_Lg	Pn	17 22 14.3	
Z38A	Mt. Pleasant	3.44	146	Pn	Pn	17 21 14.8	+0.9
S39A	Bolivar	3.53	63	P	Pn	17 21 16.9	+1.6
S39A	Bolivar	3.53	63	P	Pn	17 21 16.4	
U40A	Yellville	3.58	85	P	Pn	17 21 16.3	+0.4
U40A	Yellville	3.58	85	S	Sn	17 22 00.2	+1.7
U40A	Yellville	3.58	85	Pn	Pn	17 21 16.5	+0.5
U40A	Yellville	3.58	85	P	P	17 21 16.6	
U40A	Yellville	3.58	85	P	P	17 21 16.6	
AMTX	Amarillo	3.80	252	P	Pn	17 21 20.9	+1.8
AMTX	Amarillo	3.80	252	Iamb_Lg	Pn	17 21 18.6	-0.4
X40A	Basin Creek Fa	3.99	113	Iamb_Lg	Pn	17 21 22.8	+1.2
ABTX	Abilene, Hawle	4.01	210	Pn	Pn	17 21 23.4	+1.5
WHTX	Lake Whitney,	4.14	182	P	Pn	17 21 24.6	+1.0
WHTX	Lake Whitney,	4.14	182	P	Pn	17 21 24.7	
WHAR	Woody Hollow	4.15	100	Iamb_Lg	Pn	17 21 24.7	+1.0
WHAR	Woody Hollow	4.15	100	Iamb_Lg	Pn	17 22 38.9	
MGMO	Mountain Grove	4.16	74	Pn	Pn	17 21 24.7	+0.9
MGMO	Mountain Grove	4.16	74	Iamb_Lg	Pn	17 22 35.6	
FCAR	Ozark Folk Cen	4.19	92	Iamb_Lg	Pn	17 21 25.1	+0.8
WLAR	White Oak Lak	4.21	124	Iamb_Lg	Pn	17 22 35.3	
W41B	Gary Wav1y B	4.21	102	P	P	17 21 24.9	
W41B	Gary Wav1y B	4.21	102	S	S	17 22 14.6	
W41B	Gary Wav1y B	4.21	102	S	S	17 22 16.8	
237A	Washetta, Mont	4.30	163	S	S	17 21 25.8	-0.1
237A	Washetta, Mont	4.30	163	Iamb_Lg	Pn	17 21 25.8	-0.1
R40A	Maddies Statio	4.54	60	Pn	Pn	17 21 29.8	+0.7
R40A	Maddies Statio	4.54	60	Iamb_Lg	Pn	17 22 53.2	
R40A	Maddies Statio	4.54	60	P	P	17 21 30.2	
P38A	Dawn	4.57	39	Iamb_Lg	Pn	17 21 30.2	+0.2
P38A	Dawn	4.57	39	Iamb_Lg	Pn	17 22 42.6	
N33B	J Bar K, Exete	4.59	358	S	S	17 22 23.6	
N33A	J Bar K, Exete	4.59	358	Iamb_Lg	Pn	17 22 47.6	
N33A	J Bar K, Exete	4.59	358	Iamb_Lg	Pn	17 22 47.6	
NATX	Nacoches	4.88	153	Iamb_Lg	Pn	17 23 07.0	
N35A	Tabor	4.89	15	Pn	Pn	17 21 34.8	+0.8
N35A	Tabor	4.89	15	Pn	Pn	17 21 34.7	
LCAR	Lake Charles	4.96	89	Iamb_Lg	Pn	17 23 01.2	
MSTX	Muleshoe	5.00	246	Pn	Pn	17 21 36.5	+0.9
CCAR	Cane Creek	5.03	115	Pn	Pn	17 21 36.0	+0.1
T42A	Van Buren	5.06	78	Iamb_Lg	Pn	17 21 36.9	+0.7
T42A							

6d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PSGCX Pisagua, MNMC Minye Minye, CPUP Villa Florida, etc.

IDC 06 17:39:43.81.5, 201.41'S: 172.56E, h0km, mb4.1/10, mb1 4.3/11, mb1mx4.1/22, mbtmp4.0/11, ML3.5/1, MS3.5/23, Ms1 3.5/23, ms1mx3.4/37, Error ellipse: s-maj=55.4km, s-min=20.5km az=149.0

NEIC 06 17:39:49.2.1, 201.6S: 0.1x172.58E: 0.9, h42km, 7km, mb4.8/19, Error ellipse: s-maj=16.1km, s-min=11.2km az=166.0

ISC 06 17:39:48.0.6, 20.6S: 0.1x172.63E: 0.10, h35km, n74, a1903/52, mb4.3/18, MS3.5/22, 1D, Vanuatu Islands region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MSFV Nonsavt, DZM Mont Dzumac, DZM DZM, etc.

2015 FEB

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WUAZ Wupatki, TXAR Lajitas Array, PLCA Paso Flores, etc.

IDC 06 17:53:26.3.3.5, 36.11N: 69.85E, h103km, 29km, mb3.4/8, mb1 3.6/14, mb1mx3.3/55, mbtmp3.9/14, Error ellipse: s-maj=28.4km, s-min=19.1km az=171.0

BUJ 06 17:53:28.4.0.0, 36.20N: 69.87E, h131km, mb4.6/1, mb3.9/6

NNC 06 17:53:29.2.2, 37.64N: 71.52E, h0km, mb4.5, mpv4.4, Error ellipse: s-maj=17.4km, s-min=11.0km az=165.0

NEIC 06 17:53:30.2.2, 36.37N: 0.05: 69.76E: 0.07, h131km, 7km, mb4.0/10, Error ellipse: s-maj=9.6km, s-min=5.7km az=130.0

ISC 06 17:53:30.7.6, 36.26N: 0.05: 69.86E: 0.05, h150km, n77, a1958/83, mb3.7/11, 7C-4D, Hindu Kush region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KBL Kabul, NIL Nilore, TAS Tashkent, etc.

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Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KOTS comp=N, 26nm, 0.5s, KTBS comp=N, 6.2nm, 0.6s, etc.

TAP 06 18:00:31.2, 24.83N: 122.02E, h5km, 1km, ML1.9, D, Taiwan region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NTC Toucheng, NTC baz=278, TWB1 Santiao Chiao, etc.

IDC 06 18:02:26.9,1.6,7.61S,128.62E,h151km,20km,mb2.8/1, mb1 3.0/6,mb1mx2.8/39,mbtmp3.4/6, Error ellipse: s-maj=25.1km s-min=14.4km az=119.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI Baumata, SIJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 06 18:10:21.9,2.7,5.12S,132.60E,h0km,mb3 1/1, mb1 3.8/5,mb1mx3.5/34,mbtmp3.7/5,ML3.7/4, Error ellipse: s-maj=122.3km s-min=24.5km az=81.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, FAKI Fak Fak, SIJI Sorong, SWI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

JMA 06 18:27:44.9,0.1,24.14N,121.73E,h15km,1km,M3.0 TAP 06 18:27:45.2,24.19N,121.76E,h13km,ML3.8,C ASI05 06 18:27:45.0,24.21N,121.72E,h18km,MW3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NACB Ninganchiao, TWD Chiawan, ENA Nanau, HWA Hwalien, ET LH Xiulin Townshi, TWC Suao, NNSB Datong, NNSH Datong, NNSH Nan Shan, WHF Hehuan Shan, NDT Datong Townshi, ESL Shilin, FUSS Fushou, ENTT Nioudou, TWE Neicheng, TWT Taichien, CHGB Renai, TDCB Tech, ILA ilan, EGFH Guangfu, EGFH Sanguang, NNLW Ulai, NTC Toucheng, VWDT VWDT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VWDT, HGSD Ruisui, HGSD Taichung City, WHP Taichung City, WPL Puli Township, WPL WPL, TIPB Shuangxi, EHY Hungye, EHY Hungye, DPDB Guoxing, DPDB Guoxing, NHDH Xindian Distri, NHDH Mucha, TWA Mucha, TATO Taipei, TATO Taipei, LIOB Emei, LIOB Emei, NSTT Nanjuang, NSTT Nanjuang, TWB1 Santiao Chiao, TWB1 Santiao Chiao, SSSLB Suanglung, SSSLB Suanglung, SMLT Sun Moon Lake, SMLT Sun Moon Lake, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, TYC Yuchr, TYC Yuchr, HSN1 Hsinchu, HSN1 Hsinchu, NTY Taoyuan, NTY Taoyuan, EYUL Yuli, EYUL Yuli, TWQ1 Liyutan, TWQ1 Liyutan, TWQ1 Yuli, TWQ1 Yuli, SBCB Hsinchu, SBCB Hsinchu, NCUH Zhongli, NCUH Zhongli, NCUH National Centr, NCUH National Centr, HSN Hsinchu, HSN Hsinchu, TNOU National Taiwa, TNOU National Taiwa, NMLH Miaoli, NMLH Miaoli, TWS1 Kuangyinshan, TWS1 Kuangyinshan, WHYT Xinyi Township, WHYT Xinyi Township, TCU Taichung, TCU Taichung, NTST Danshui, NTST Danshui, ANP Anpu, ANP Anpu, WJS Zhushan, WJS Zhushan, WNT1 Nantou City, WNT1 Nantou City, WNT Mingjian, WNT Mingjian, WDJ Dajia District, WDJ Dajia District, WDW Fuli, WDW Fuli, JYNG Yonaganijimaku, JYNG Yonaganijimaku, TTYW Chenghua, TTYW Chenghua, ALS Allshan, ALS Allshan, WCHH Zhonghua, WCHH Zhonghua.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHKT Chengkung, YOJ Yonaguni jima, CHNS Tsungling, CHNS Tsungling, ELDTW Lidau, ELDTW Lidau, WKG Gukung, WKG Gukung, WDLH Douliu, WDLH Douliu, EDH Donghe, EDH Donghe, RLNB Erlin, RLNB Erlin, WTK Taiwan, WTK Taiwan, TPUB Taiping, TPUB Taiping, STYT Tauyuan, STYT Tauyuan, LONT Longtan, LONT Longtan, CHY Chiayi, CHY Chiayi, WTP Ta-pu, WTP Ta-pu, PCYT Pengchayiu, PCYT Pengchayiu, TWK Hsiinying, TWK Hsiinying, TWG Pinang, TWG Pinang, TWGBT Beinan, TWGBT Beinan, SNST Tainan City, SNST Tainan City, CHN1 Nanshi, CHN1 Nanshi, WSF Shzu, WSF Shzu, WLBG Puzi, WLBG Puzi, LDUT Ludao, LDUT Ludao, SGST Jiashian, SGST Jiashian, SLGT Liugui, SLGT Liugui, ICHU Yijhu, ICHU Yijhu, CHN8 Yiju, CHN8 Yiju, CHN8 Shinhua, CHN8 Shinhua, SCST Shishan, SCST Shishan, ECL Tainai, ECL Tainai, SCLT Jiali, SCLT Jiali, SSD Sandimen, SSD Sandimen, IRIF Iriomote-Funau, IRIF Iriomote-Funau, TSMG Maja, TSMG Maja, TWMT Shoushan, TWMT Shoushan, HATJ Hateruma jima, HATJ Hateruma jima, MASBT Mashibuluo, MASBT Mashibuluo, EAST Anshuo, EAST Anshuo, SSPT Xinbi, SSPT Xinbi, JKRS Kuro-shima, JKRS Kuro-shima, SCZT Fangliu, SCZT Fangliu, PNG Penghu, PNG Penghu, PHUB Peng-hu, PHUB Peng-hu, LAY Lan-yu, LAY Lan-yu, WDGJ Dugui, WDGJ Dugui, SLIU Shizi, SLIU Shizi, JJU Ishigaki jima, JJU Ishigaki jima, PTTC Pingtan, PTTC Pingtan, VWUC VWUC, VWUC VWUC, JISG Ishigakijimah, JISG Ishigakijimah, VCHM Oimei, VCHM Oimei, TWK1 Hengchun, TWK1 Hengchun, TWKBT Hengchun, TWKBT Hengchun, PTMZ Houxiangcun, PTMZ Houxiangcun, MATB Ma-tsu, MATB Ma-tsu, MSUT Lienchiang, MSUT Lienchiang.

6d 19h

Table with columns: LYJY, OZH, QZH, QZ, KNM, KNMB, MHZO, AXDP. Rows include station names like Jjiangzhen, Quanzhou, Matakao Point, etc.

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Table with columns: KBZ, FINES, NB2, NOA, AKASG, BRTR, TORO. Rows include station names like Khabaz, FINESS Array B, NORSAR Arr B, etc.

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Table with columns: COEN, WBO, WRAB, WRA, WRA, WB2, WR0, WRO, AS31, ASAR, ASAR, BBOO, STKA, STKA, MKAR. Rows include station names like Warramunga Arr, Tennant Creek, etc.

IDC 06 18:38:30.0, 9.31, 145:177:72W, h0km, mb3.6/9, mb1 4.5/7, mb1mx4 1/36, mbtmp4.3/7, MS3.9/18, Ms1 3.9/18, ms1mx3.7/37, Error ellipse: s-maj=30.8km s-min=21.1km az=131.0

IDC 06 18:39:55.4, 3.2, 52:26N:172:59E, h0km, mb3.6/9, mb1 3.8/10, mb1mx3.6/48, mbtmp3.6/10, ML2.3/1, Error ellipse: s-maj=93.5km s-min=18.7km az=175.0

NEIC 06 18:40:00.7, 1.5, 52:52N:102:172.49E, 0.06, h32km, 9km, mb4.5/20, Error ellipse: s-maj=31.6km s-min=5.1km az=177.0

ISC 06 18:38:31.2, 0.6, 31:29S:0:07:177.7W:0.1, h10km, n78, a=1547/57, mb4.7/16, MS3.9/19, Kermadec Islands region

ISC 06 18:39:59.6, 1.1, 52:52N:0:2:172.44E:0.06, h24km, n40, a=1545/36, mb4.3/18, Near Islands

ISC 06 19:01:36.0, 2.2, 8:61S:0:07:118:32E:0:07, h134km, 4km, mb4.5/20, Error ellipse: s-maj=10.3km s-min=9.2km

Main station list table for the 6d 19h section, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers.

Main station list table for the 2015 FEB section, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers.

DJA 06 19:01:36.8, 0.2, 9'S:4:11'8E, h123km, 3km, M4.6/16, mb4.6/7, mb5.23, MLV4.6/16, Mw(m)4.5/3

IDC 06 19:01:37.4, 1.5, 8:57S:118:47E, h140km, 13km, mb3.7/9, mb1 3.9/15, mb1mx3.7/37, mbtmp4.2/15, Error ellipse: s-maj=18.1km s-min=8.4km az=64.0

ISC 06 19:01:37.8, 0.4, 8.66S:0:05:118:36E:0.05, h152km, n77, a=1591/85, mb4.4/14, Sumbawa region

Main station list table for the 316 section, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers.

Table with columns: MKAR, Makanchi Array, 63.87 333 P, 19 11 53.3 -0.9, etc.

Table with columns: PNG, Penghu, 2.49 309 eP, 19 19 14.5 +0.6, etc.

Table with columns: EKS2, Erkin-Say, 2.80 70 fP, 19 32 04.0 -2.0, etc.

TAP 06 19:18:33.6,21.94N,121.60E,h17km,ML3.1,D
JMA 06 19:18:35.6,0.3,22.20N,121.75E,h7km,M3.3
ISC 06 19:18:34.1,1.2,22.00N,121.66E,0.04,h17km,6km,

Main table listing station data for the Pacific region, including columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC.

ISC 06 19:29:37.3,2.0,3.53N,89.30E,h0km,mb3.4/3,mb1 3.6/4,
mb1mx3.4/4.5,mbtmp3.5/4,ML3.5,1,Error ellipse:
s-maj=58.5km s-min=28.7km az=47.0,North Indian
Ocean

Table listing station data for the Indian Ocean region, including columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC.

DJA 06 19:30:01.2,1.5,8'S,15°12'3E, h193km,14km, M3.4/6,
mb3.5/1,ML3.4/6

ISC 06 19:30:04.9,1.5,8'35S,122.86E,h204km,13km,mb3.0/2,
mb1 3.2/6,mb1mx3.0/35,mbtmp3.6/6,Error ellipse:
s-maj=70.8km s-min=19.1km az=59.0

ISC 06 19:30:01.5,2.0,8.25S,0.2,122.9E,0.1,h221km,m13,
@162/14, Flores region

Table listing station data for the Flores region, including columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC.

ISU 06 19:31:15,41.70N,70.10E,h5km,Hypocentre not
reviewed by the ISC

SOME 06 19:31:15.7,41.73N,70.22E,h10km
KRNE 06 19:31:16.0,41.71N,70.27E,h15km,mb2.6
NMC 06 19:31:16.3,49.41N,80N,70.13E,h0km,mb2.6,mpv2.9,
Error ellipse: s-maj=31.5km s-min=18.7km az=31.0

ISC 06 19:31:15.2,1.2,41.75N,0.03,70.21E,0.03,h3km,12km,
n17,f171/33,18C-4D,Kyrgyzstan

Main table listing station data for the Kyrgyzstan region, including columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC.

ISC 06 19:37:14.5,1.1,6.36S,148.28E,h0km,mb4.4/5,
mb1 4.6/7,mb1mx4.0/4.1,mbtmp4.4/7,ML4.0/1,MS3.5/2.1,
Ms3.5/2.1,ms1mx3.4/4.1,Error ellipse: s-maj=35.5km
s-min=18.0km az=108.0

NEIC 06 19:37:22.1,5.6,6.50S,0.1,148.1E,0.1,h52km,7km,
mb4.6/22,Error ellipse: s-maj=19.3km s-min=14.9km
az=110.0

DJA 06 19:37:27.4,0.5,7'S,5°14'8E, h81km,7km,ML4.5/12,
mb5.0/3,mb4.6/12,ML4.5/12,Mw(mb)4.4/3

ISC 06 19:37:22.1,0.6,6.50S,0.07,148.2E,0.1,h51km,n59,
@159/46,mb4.5/15,MS3.5/17,New Britain region

Main table listing station data for the New Britain region, including columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC.

NEIC 06 19:40:06.4,2.0,8'S,0.1,148.0E,0.1,h75km,11km,
mb4.0/11,Error ellipse: s-maj=25.2km s-min=10.7km
az=137.0
ISC 06 19:40:08.8,4.8,6.86S,148.75E,h94km,37km,mb3.6/3,

ULN	Ulaanbaatar	19.52	4cP	P	21 05 33.8	-2.0
ULN	Ulaanbaatar	19.52	4	P	21 05 35.1	-0.7
PEA	Port Blair	20.19	217	P	21 05 40.2	-3.0
INCN	Inchon	20.28	58	P	21 05 45.3	-0.8
INCN	Inchon	20.28	58	P	21 05 45.2	-0.8
TJN	Taejeon	20.49	61	CeP	21 05 46.8	+0.5
JOW	Kunigami	20.70	59	P	21 05 49.3	+0.6
JOW	Kunigami	20.70	89	P	21 05 48.7	0.0
WMQ	Urumqi	20.73	323	eP	21 05 48.7	-0.2
WMQ	Urumqi	20.73	323	eP	21 05 54.1	+0.8
WMQ	Urumqi	20.73	323	eP	21 06 04.1	+1.2
WMQ	Urumqi	20.73	323	eP	21 09 40.9	+0.6
WMQ	Urumqi	20.73	323	eP	21 13 37.2	+2.1
WMQ	Urumqi	20.73	323	eP	21 05 48.6	-0.2
WMQ	Urumqi	20.73	323	eP	21 05 48.6	-0.2
TRTT	Trang	21.04	195	P	21 05 58.3	+6.0
KSAR	Wonju Array Be	21.21	59	P	21 05 54.4	+0.3
KSAR	Wonju Array Be	21.21	59	P	21 05 54.4	+0.3
KS19	Wonju Array Si	21.22	59	P	21 05 55.5	+1.4
KSRS	Korea Array	21.24	59	P	21 05 54.9	+0.5
KSRS	Korea Array	21.24	59	P	21 05 54.9	+0.5
ZAK	Zakamensk	22.01	357	eP	21 06 03.7	+1.0
ZAK	Zakamensk	22.01	357	eP	21 06 03.7	+1.0
CN2	Changchun	22.51	41	eP	21 06 08.6	+0.7
CN2	Changchun	22.51	41	eP	21 06 18.9	+4.6
CN2	Changchun	22.51	41	eP	21 10 17.6	+2.8
CN2	Changchun	22.51	41	eP	21 06 08.6	+0.7
CN2	Changchun	22.51	41	eP	21 06 18.9	+4.6
CN2	Changchun	22.51	41	eP	21 10 17.6	+2.8
CN2	Changchun	22.51	41	eP	21 06 08.6	+0.7
CN2	Changchun	22.51	41	eP	21 06 18.9	+4.6
CN2	Changchun	22.51	41	eP	21 10 17.6	+2.8
JNU	Nakatsue	22.73	72	P	21 06 11.2	+0.7
JNU	Nakatsue	22.73	72	P	21 06 10.6	+0.1
JNU	Nakatsue	22.73	72	P	21 06 11.9	
TLY	Talaya	23.30	358	P	21 06 17.9	+1.8
TLY	Talaya	23.30	358	P	21 06 17.9	+1.8
TLY	Talaya	23.30	358	P	21 06 17.9	+1.8
TLY	Talaya	23.30	358	P	21 10 32.2	+3.7
TLY	Talaya	23.30	358	P	21 06 17.9	+1.8
TLY	Talaya	23.30	358	P	21 10 32.2	+3.7
TLY	Talaya	23.30	358	P	21 06 17.9	+1.8
TLY	Talaya	23.30	358	P	21 10 32.2	+3.7
KULM	Kulim	23.33	191	P	21 06 16.8	+0.2
KULM	Kulim	23.33	191	P	21 06 19.0	
KULM	Kulim	23.33	191	P	21 06 18.0	+1.3
KULM	Kulim	23.33	191	P	21 06 19.3	+1.6
MOY	Mondy	23.45	354	eP	21 06 19.3	+1.6
MOY	Mondy	23.45	354	eP	21 06 19.3	+1.6
HIA	Hailar	23.74	25	P	21 06 21.5	+1.0
HIA	Hailar	23.74	25	P	21 06 21.5	+1.0
HIA	Hailar	23.74	25	P	21 06 21.5	+1.0
HIA	Hailar	23.74	25	P	21 06 21.5	+1.0
IPM	Iphoh	24.07	190	P	21 06 21.7	-2.2
IPM	Iphoh	24.07	190	P	21 06 24.7	
IPM	Iphoh	24.07	190	P	21 06 24.0	+0.2
CIT	Chita	24.47	13	eP	21 06 28.3	+1.0
CIT	Chita	24.47	13	eP	21 06 28.3	+1.0
KKM	Kota Kinabalu	24.64	152	P	21 06 28.5	-0.7
ZSN	Zaisan	24.65	326	eP	21 06 28.1	-0.9
ZSN	Zaisan	24.65	326	eP	21 06 28.1	-0.9
DGZ	Zazzator, Alta	25.16	333	eP	21 06 34.3	+0.6
SHLS	Shalko	25.28	312	eP	21 06 31.4	-3.5
SHLS	Shalko	25.28	312	eP	21 06 31.4	-3.5
SHLS	Shalko	25.28	312	eP	21 06 31.3	-3.5
PDGK	Podgornoye	25.34	313	iP	21 06 35.5	+0.1
PDGK	Podgornoye	25.34	313	iP	21 06 35.5	+0.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
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MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
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MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
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MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
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MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
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MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
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MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
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MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
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MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
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MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
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MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
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MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P	21 11 02.3	-0.6
MDJ	Mudanjiang	25.43	44	P	21 11 17.3	+9.1
MDJ	Mudanjiang	25.43	44	P	21 06 36.4	+0.3
MDJ	Mudanjiang	25.43	44	P	21 06 47.3	+7.0
MDJ	Mudanjiang	25.43	44	P		

6d 21h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like RAYN Ar Rayn, VSR Storozhevoye, LPSR Galich'ya Gora, etc.

2015 FEB

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ELL Elmal, VRI Vriocioia, PLOP Plostina, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like COLDFoot, DAG Danmarks Havn, MUD Monsted U, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EPYK, BCAR, DAWY, CTGM, SUMG, C36M, RES, MBAR, KEST, ICESG, YKA, ESDC, LSZ, BOS, TOR, SYO, SNA, VNA, SDV, BANC, PTBC, RUSC, CBOC, GUY2, PLMC, ROSC, CHIC, TOLC, PTGC, YOTO, ORTC, MARP, PCON, BBAC, CRUC, FLOC, OTAV, BDFB, LPAZ.

IDC 06 21:23:08.4.3.5, 37:22Nk:141:36E, h45km, 35km, mb3.2/2, mb1 3.3/4, mb1mx2.9/42, mbtm3/3.4, ML2.8/2, Error ellipse: s-maj=46.0km s-min=30.3km az=102.0

JMA 06 21:23:10.4, 37:34N:141:08E, h66km, 1km, M3.3, ISC 06 21:23:10.3.1.2, 37:33N:141:16E, h63km, 7km, n23, 0.068/28, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JFK, JFK, ONAJ, JNST, JFJ, JFY, JYS, JNS, JAG, MJAR, MAT, ASAK, SONJ, H1N2, H1N1, H1N3, H1S1, H1S3, H1S5.

WRA Warramunga Arr 57.33 188 P P 21 32 50.9 -0.9

KRNET 06 22:01:36.0.0.1, 42:68N:79:37E, h35km, mb1.8 NNC 06 22:01:43.9.0.9, 42:67N:79:01E, h0km, mb2.4, mpv2.4, Error ellipse: s-maj=6.4km s-min=3.0km az=161.0

SOME 06 22:01:44.0.5, 42:67N:79:02E, h10km, ISC 06 22:01:40.7.1.4, 42:52N:0:06:79:02E, h2km, 12km, n34, 0.088/66, 7C-1D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PRZ, UZB, SATY, PDGK, KPKK, ANVS, KTMS, KDJ, TNS, MNBS, DJR, ARXS, IGNE, OPAM, UESS, SNET, ITCA, BOQS, PMON, LLLN, LLLG, JAYA, CEVA.

M=0.09±.01; M=0.63±.01; M=0.02±.01; Best double couple: M=1.28200±0.1017, NP1=301.00000°, 843.00000°, 1.92.00000°. NP2=119.00000°, 847.00000°, 1.88.00000°. Principal axes: T. 1.2230, Plg88.0000°, Azm353.0000°; N. 0.1170, Plg1.0000°, Azm120.0000°; P. -1.3410, Plg2.0000°, Azm210.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 06 22:02:28.1±1.8, 12:54N:0.06:87:72W±0:06, h77km±4km, m5.2±546, Mw5.4, Md5.6(SNET) Error ellipse: s-maj=6.9km s-min=7.1km az=217.0 NEIC 06 22:02:30.12:44N:87:81W, h50km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1: 60; M=1.22; M=0.39; M=0.03; M=0.85; M=0.18; Fault plane solution: M=1.69000±0.1017, NP1=297.00000°, 843.00000°, 1.82.00000°. NP2=127.00000°, 847.00000°, 1.97.00000°. Principal axes: T. 1.6196, Plg84.0000°, Azm100.0000°; N. 0.1295, Plg5.0000°, Azm302.0000°; P. -1.7491, Plg2.0000°, Azm212.0000°

BGR 06 22:02:47.9±0.0, 12:66N:86:45W, h33km, mb5.1, Ms4.7 ISC 06 22:02:26.9±0.4, 12:58N:0:03:87:78W±0:03, h75km±3km, h75km±P-P, n1062, n1958/942, m5.2/285, 8C-22D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CNCH, CRIN, LCND, CNRM, PACA, TECA, FAGO, COEB, UESV, TGUH, LFRS, LBRS, AEIL, LFLU, LALI, UDBS, IGNE, OPAM, UESS, SNET, ITCA, BOQS, PMON, LLLN, LLLG, JAYA, CEVA.

Table with columns: CEVE, comp-Z, 2.34um, 0.4s, IAML, 22 03 33.4, Pn, 22 03 00.8 -0.7, etc. Lists various celestial objects and their observations.

Table with columns: SDV, Santo Domingo, 17.24 101 P, 22 06 21.8 -1.5, etc. Lists celestial objects with specific coordinates and observation times.

Table with columns: CDVI, St. Croix, 22.79 74 P, 22 07 23.9 +0.2, etc. Lists celestial objects with coordinates and observation times.

757A	Hurt	25.49	16	I	Amb	22 08 08.0			
S39A	Bolivar	25.49	350	I	Amb	22 07 49.7			
GRGR	Grenville	25.52	88	P		22 07 49.6 +0.8			
GRGR				I	Amb	22 08 09.4			
CROK	Carrier	25.53	341	I	Amb	22 07 50.8			
AMTX	Amarillo	25.53	333	P		22 07 49.8 +1.0			
AMTX	Amarillo	25.53	333	I	Amb	22 08 08.5			
CCM	Cathedral Cave	25.56	354	P		22 07 49.1 +0.2			
CCM	Cathedral Cave	25.56	354	P		22 07 48.9 +0.1			
CCM	Cathedral Cave	25.56	354	I	Amb	22 07 50.4			
WCI	Wyandotte Cave	25.58	3	P		22 07 49.5 +0.5			
WCI	Wyandotte Cave	25.58	3	P		22 07 49.8 +0.7			
WCI	Wyandotte Cave	25.58	3	I	Amb	22 08 07.1			
ANWB	Wilby Bob	25.59	75	I	Amb	22 07 50.8			
U60A	Pendleton	25.64	20	P		22 07 51.1 +1.5			
T58A	Grand View Acr	25.64	17	P		22 07 50.9 +1.2			
U61A	Possum Corner	25.76	21	P		22 07 51.8 +1.1			
U61A	Possum Corner	25.76	21	P		22 07 51.4 +0.7			
U61A	Possum Corner	25.76	21	I	Amb	22 08 10.0			
U32A	Winter Ranch	25.76	339	I	Amb	22 07 53.6			
S54A	Dingsess, Beckl	25.77	12	P		22 07 52.0 +1.2			
R50A	Paris	25.78	6	I	Amb	22 08 11.2			
KAN13	South Haven SW	25.84	342	P		22 07 52.2 +0.8			
SVB	Belmont	25.86	86	P		22 07 52.0 +0.1			
LDL	La Plaine	25.89	81	P		22 07 53.1 +1.0			
DFD	Fort de France	25.96	82	P		22 07 52.3 -0.6			
DFD				I	Amb	22 07 53.0			
S56A	Natural Bridge	26.05	15	P		22 07 54.9 +1.6			
KAN01	Argonia South	26.05	342	P		22 07 54.4 +1.0			
R53A	Hurricane	26.17	10	P		22 07 55.4 +1.1			
R54A	Victor	26.27	12	P		22 07 55.8 +1.0			
Q44A	Meyer Farm, Va	26.24	358	I	Amb	22 07 56.2			
S57A	Dark Hollow, R	26.29	16	P		22 07 57.0 +1.5			
T60A	Surry	26.39	20	P		22 07 57.9 +1.5			
T60A	Surry	26.39	20	P		22 07 57.7 +1.4			
T60A	Surry	26.39	20	I	Amb	22 08 13.0			
S58A	Poland Farm, P	26.40	18	P		22 07 58.0 +1.5			
BLO	Bloomington	26.51	2	I	Amb	22 08 16.0			
Q51A	Peebles	26.63	8	I	Amb	22 08 17.6			
NNA	Nana	26.71	156	P		22 07 59.8 +0.2			
Q52A	Bidwell	26.73	10	I	Amb	22 08 18.5			
Q53A	Leroy	26.76	11	P		22 08 01.2 +1.5			
S59A	Mechanicsville	26.77	19	P		22 08 01.4 +1.6			
R58B	Mineral	26.78	18	P		22 08 01.6 +1.7			
P48A	Milroy	26.86	4	P		22 08 00.6 0.0			
R57A	Stanardsville	26.91	16	P		22 08 02.5 +1.5			
S60A	Water View	26.93	20	P		22 08 02.5 +1.3			
P49A	Miami Univ. Ec	26.98	5	P		22 08 02.4 +0.7			
P43A	Skaggs, Pawnee	27.00	357	P		22 08 02.0 +0.2			
Q54A	Coxs Mills	27.01	12	I	Amb	22 08 04.0			
121A	Cookes Peak, D	27.03	321	P		22 08 04.4 +2.0			
R58A	Rapidan	27.05	17	P		22 08 04.2 +1.8			
HSIG	Corbin Frederi	27.06	311	P		22 08 05.1 +2.6			
CBN	Corbin Frederi	27.16	18	P		22 08 04.9 +1.7			
CBN	Corbin Frederi	27.16	18	P		22 08 04.7 +1.4			
CBN	Corbin Frederi	27.16	18	I	Amb	22 08 24.1			
SRIG	Santa Rosalia	27.20	306	P		22 08 05.3 +1.5			
SRIG	Santa Rosalia	27.20	306	I	Amb	22 08 07.1			
R59A	King George, V	27.23	19	P		22 08 05.9 +2.0			
S61A	Accomac	27.24	21	P		22 08 05.8 +1.8			
319A	Douglas	27.24	317	P		22 08 05.7 +1.4			
P53A	Whipple	27.39	11	I	Amb	22 08 24.7			
P52A	Corning	27.41	10	P		22 08 06.3 +0.8			
P52A	Corning	27.41	10	I	Amb	22 08 24.3			
P38A	Dawn	27.41	350	I	Amb	22 08 07.5			
Q56A	Snyder Ridge,	27.44	15	P		22 08 07.3 +1.5			
Q56A	Snyder Ridge,	27.44	15	P		22 08 07.1 +1.3			
R60A	Leonardtown, M	27.46	19	P		22 08 06.4 +0.4			
044A	Mansfield	27.47	359	I	Amb	22 08 25.1			
KSU1	Kansas State U	27.55	345	P		22 08 07.5 +0.7			
KSU1	Kansas State U	27.55	345	I	Amb	22 08 09.6			
Y22D	IRIS PASSCAL I	27.59	324	P		22 08 07.5 +0.1			
Y22D	IRIS PASSCAL I	27.59	324	P		22 08 10.2 +2.8			
Q57A	Strasburg	27.63	16	P		22 08 08.7 +1.1			
049A	Covington	27.67	6	I	Amb	22 08 25.8			
SFIN	Lafayette	27.70	1	P		22 08 07.8 -0.3			
Q58A	Fox Den Farm	27.75	17	P		22 08 10.2 +1.7			
ACSO	Alum Creek Sta	27.87	8	P		22 08 10.5 +0.9			
ACSO	Alum Creek Sta	27.87	8	I	Amb	22 08 28.2			
WCW	Mont Chateau	27.87	13	P		22 08 11.1 +1.4			
MDIV	Hopedale	27.90	358	P		22 08 10.0 +0.1			
HDIL	Hopedale	27.90	358	I	Amb	22 08 27.5			
052A	Adamsville	27.93	10	P		22 08 10.9 +0.7			
052A	Adamsville	27.93	10	I	Amb	22 08 28.9			
P56A	Dayton Farm, R	27.96	15	P		22 08 12.2 +1.7			
ANMO	Albuquerque	27.97	326	P		22 08 11.1 +0.3			
ANMO	Albuquerque	27.97	326	P		22 11 35.9			
ANMO	Albuquerque	27.97	326	P		22 08 12.4 +1.6			
ANMO	Albuquerque	27.97	326	P		22 08 12.3 +1.4			
Q59A	Harwood	27.98	19	P		22 08 12.6 +2.0			
N41A	Harden Midland	28.15	355	P		22 08 11.0 -1.1			
N41A	Harden Midland	28.15	355	I	Amb	22 08 13.0			
P57A	Homestead Farm	28.16	16	P		22 08 14.3 +2.1			
P57A	Homestead Farm	28.16	16	P		22 08 14.1 +1.9			
P57A	Homestead Farm	28.16	16	I	Amb	22 08 15.4			
O53A	New Philadelph	28.16	11	P		22 08 13.2 +0.9			

O53A	New Philadelph	28.16	11	P		22 08 12.7 +0.5			
O53A	New Philadelph	28.16	11	I	Amb	22 08 31.2			
CBKS	Cedar Bluff	28.20	340	P		22 08 13.2 +0.5			
CBKS	Cedar Bluff	28.20	340	I	Amb	22 08 15.0			
O54A	Avella	28.26	12	P		22 08 13.8 +0.7			
O54A	Avella	28.26	12	I	Amb	22 08 31.9			
P58A	Pank, Wackersv	28.36	17	P		22 08 15.4 +1.4			
Q60A	Greshboro	28.37	20	P		22 08 15.4 +1.3			
N49A	Columbus Grove	28.41	6	I	Amb	22 08 32.4			
S5DM	Soldier's Dell	28.43	18	P		22 08 15.6 +1.0			
N36A	Joos South For	28.51	351	I	Amb	22 08 33.7			
N51A	Ashland	28.63	9	I	Amb	22 08 34.7			
T25A	Trinidad	28.64	332	P		22 08 18.8 +2.0			
P59A	Jarrettsville	28.73	18	P		22 08 19.0 +1.7			
O56A	Blue Knob Stat	28.75	15	P		22 08 19.0 +1.5			
O56A	Blue Knob Stat	28.75	15	P		22 08 18.8 +1.3			
N53A	Lisbon	28.77	11	I	Amb	22 08 36.3			
TUC	Tucson	28.83	317	P		22 08 19.8 +1.4			
TUC	Tucson	28.83	317	P		22 08 19.5 +1.2			
TUC	Tucson	28.83	317	I	Amb	22 08 26.9			
TUC	Tucson	28.83	317	I	Amb	22 11 28.9 +2.4			
O57A	Amberson	28.94	16	P		22 08 20.7 +1.6			
N35A	Tabor	29.01	348	I	Amb	22 08 38.6			
M50A	West Chester U	29.01	7	I	Amb	22 08 38.0			
O58A	Lewisberry	29.06	17	P		22 08 21.8 +1.6			
N54A	Moraine State	29.09	12	P		22 08 21.6 +1.1			
N54A	Moraine State	29.09	12	I	Amb	22 08 39.3			
MVL	Millersville	29.11	18	P		22 08 21.6 +0.9			
P60A	Grenville	29.17	19	P		22 08 22.7 +1.5			
PAGS	Pennsylvania G	29.21	18	I	Amb	22 08 24.2			
SSPA	Standing Stone	29.27	16	P		22 08 23.0 +0.9			
WUPA	West Chester U	29.29	21	P		22 08 23.0 +0.8			
WUPA	Hammonnton	29.29	21	P		22 08 24.0 +1.4			
PSUB	Penn St. - Bra	29.33	20	P		22 08 23.4 +0.8			
L46A	Oliver, Claire	29.35	2	I	Amb	22 08 39.4			
L42A	Elue, Polo	29.36	357	I	Amb	22 08 41.5			
L48A	N Adams	29.40	5	I	Amb	22 08 24.1			
M53A	WI Miller and	29.42	11	P		22 08 24.3 +0.9			
M53A	WI Miller and	29.42	11	I	Amb	22 08 42.0			
N56A	West Decatur	29.43	15	P		22 08 24.6 +1.0			
KSCO	Kaye Shedlock'	29.44	336	P		22 08 24.8 +1.0			
KSCO	Kaye Shedlock'	29.44	336	P		22 08 25.1 +1.4			
KSCO	Kaye Shedlock'	29.44	336	I	Amb	22 08 43.3			
O59A	Robesonia	29.45	18	P		22 08 25.5 +1.8			
N57A	Milroy	29.47	16	P		22 08 24.9 +1.0			
L44A	Lake County Fo	29.49	360	P		22 08 24.1 +0.1			
L44A	Lake County Fo	29.49	360	I	Amb	22 08 41.0			
SCIA	State Center	29.60	352	P		22 08 26.1 +1.1			
SCIA	State Center	29.60	352	I	Amb	22 08 44.2			
SDCO	Great Sand Dun	29.64	331	P		22 08 27.5 +1.8			
SDCO	Great Sand Dun	29.64	331	I	Amb	22 08 44.4			
M54A	Oil Creek Stat	29.68	12	P		22 08 26.7 +1.0			
M54A	Oil Creek Stat	29.68	12	I	Amb	22 08 27.6			
O60A	Telford	29.70	19	P		22 08 27.5 +1.7			
X18A	Snowflake	29.71	321	P		22 08 27.7 +1.4			
ALLY	Allegheny Colle	29.72	12	I	Amb	22 08 44.7			
N58A	Sunbury	29.78	17	P		22 08 27.9 +1.4			
O61A	Allentown	29.79	21	P		22 08 27.8 +1.2			
AAM	Ann Arbor	29.83	6	P		22 08 27.9 +0.9			
AAM	Ann Arbor	29.83	6	I	Amb	22 08 45.0			
LUPA	Lehigh Univer	29.97	19	I	Amb	22 08 30.7			
W18A	Petrified Fore	29.98	322	P		22 08 30.6 +2.0			
W18A	Petrified Fore	29.98	322	P		22 08 30.0 +1.4			
M56A	Emporium								

SAD0	Sadowa	32.92	11	I	Amb	I	Amb	22 08 56.2
I57A	Carthage	32.94	16	P				22 08 55.4 +1.0
J60A	Lant Hill Farm	32.98	19	P				22 08 56.3 +1.6
PKCU	Pink Cliffs	33.08	23	P				22 08 56.9 +0.9
KNB	Kanab	33.10	32	P				22 08 57.1 +1.1
S59D	Miller	33.17	34	P				22 08 56.2 -0.2
IUSA	Olmsteadville	33.33	18	P				22 08 58.0 +0.2
J61A	Chester	33.36	20	P				22 08 59.3 +1.3
BELC	Belle Mtn. Jos	33.37	31	P				22 09 00.3 +1.9
NCB	Newcomb	33.38	18	P				22 09 00.2 +2.0
MTPU	Mount Pierson	33.41	32	P				22 09 00.6 +1.6
COWI	Conover	33.43	35	I	Amb	I	Amb	22 08 58.9
TPFO	Pinon Flats	33.48	31	P				22 09 00.5 +1.2
XPFO	Pion Flat	33.48	31	P				22 09 00.2 +0.8
PFO	Pinon Flats O	33.49	31	P				22 11 41.4 +2.5
PFO	comp-Z, 8.7nm, 0.7s, baz=82, slow=1.9, SNR=9.9							22 11 58.0
PFO	comp-Z, 13nm, 0.9s, baz=48, slow=3.1, SNR=7.9							22 24 42.1
PFO	comp-Z, 6.77nm, 20.1s, baz=128, slow=40							22 09 01.0 +1.6
H57A	Richville	33.50	16	P				22 09 00.4 +1.2
J62A	Henniker	33.51	21	P				22 09 01.5 +2.2
F36A	Milaca	33.53	35	I	Amb	I	Amb	22 09 00.7
I60A	Shoreham	33.56	19	P				22 09 00.9 +1.2
GMRC	Granite Mounta	33.57	31	P				22 09 01.8 +1.7
PLVO	Plevna	33.62	14	P				22 09 01.3 +1.1
E43A	Lone Tree Farm	33.69	1	I	Amb	I	Amb	22 09 01.3
MSU	Alarysain Park	33.72	32	P				22 09 03.3 +1.8
G54A	Lake Saint Pet	33.73	12	P				22 09 01.6 +0.4
H58A	Gabriels	33.80	18	P				22 09 02.5 +0.6
J63A	Stratford	33.82	22	P				22 09 03.3 +1.3
LONY	Lake Ozonia	33.87	17	P				22 09 02.8 +0.4
TCRU	Three Creeks R	33.95	32	P				22 09 04.4 +1.0
HEC	Hector, Ludlow	34.06	31	P				22 09 06.2 +1.9
K22A	Casper	34.09	33	P				22 09 06.0 +1.4
K22A	Casper	34.09	33	I	Amb	I	Amb	22 09 23.6
H59A	Cadyville	34.16	18	P				22 09 05.6 +0.7
G57A	Newington	34.20	16	P				22 09 05.9 +0.7
SHPR	Sheep Range	34.24	31	P				22 09 08.6 +2.6
I62A	Tamworth	34.25	21	P				22 09 07.5 +1.9
ALGO	Algonquin Park	34.27	12	P				22 09 06.1 +0.2
FRNY	Flat Rock	34.36	18	I	Amb	I	Amb	22 09 25.4
LBNH	Liston	34.36	20	P				22 09 07.5 +0.9
D41A	Chassel	34.38	35	I	Amb	I	Amb	22 09 25.3
H60A	Morristown	34.39	19	P				22 09 07.9 +1.0
RSSD	Black Hills	34.40	33	P				22 09 08.9 +1.7
RSSD	Black Hills	34.40	33	P				22 09 09.1 +1.8
RSSD	Black Hills	34.40	33	I	Amb	I	Amb	22 10 10.2
G58A	Ormstown	34.51	17	P				22 09 09.1 +1.2
H61A	Lyndonville	34.62	20	P				22 09 10.3 +1.4
GSC	Goldstone, Bar	34.64	31	P				22 09 11.1 +1.8
LPAZ	La Paz	34.65	16	P				22 09 11.0 +0.9
LPAZ	comp-Z, 4.2nm, 0.6s, baz=345, slow=8.7, SNR=19							22 11 44.3 +1.2
LPAZ	comp-Z, 16nm, 1.2s, baz=351, slow=5.1, SNR=4.8							22 24 17.7
LPAZ	comp-Z, 4.36nm, 20.8s, baz=309, slow=38							22 09 10.4 +0.3
LPAZ	La Paz	34.65	14	P				22 09 11.2 +1.1
BFSC	Mount Baldy Ra	34.66	31	P				22 09 10.6 +1.0
I63A	Otisfield	34.67	22	P				22 09 11.3 +2.0
I63A	Otisfield	34.67	22	P				22 09 11.4 +2.1
JLU	Jordanelle	34.80	32	P				22 09 12.5 +1.6
H62A	Milan	34.92	21	P				22 09 13.1 +1.6
G60A	Masonville	34.99	19	P				22 09 12.8 +0.8
PASC	Padadena Art C	35.00	31	P				22 09 13.5 +1.1
E55A	Montfer-Lytto	35.19	14	P				22 09 14.6 +0.8
TPNW	Topopah Spring	35.21	31	P				22 09 16.5 +2.2
EDVD	Edwards Air Fo	35.23	31	P				22 09 15.6 +1.2
DUG	Dugway, Toeole	35.24	32	P				22 09 16.3 +1.7
DUG	Dugway, Toeole	35.24	32	I	Amb	I	Amb	22 09 17.6
D32A	Dogwood Acres,	35.31	34	P				22 09 14.0 -0.8
FURC	Furnace Creek,	35.33	31	P				22 09 17.3 +2.2
EYMN	Ely	35.39	35	P				22 09 14.3 -1.2
EYMN	Ely	35.39	35	I	Amb	I	Amb	22 09 15.5
H63A	New Sharon	35.40	22	P				22 09 17.2 +1.6
G61A	St-Isidore-de-	35.41	20	P				22 09 17.4 +1.6
WVL	Waterville	35.45	23	P				22 09 17.3 +1.3
MDP	Montagnes des	35.47	9	LR				22 25 09.6
PDAR	Pinedale Array	35.51	32	P				22 09 17.9 +1.1
PDAR	comp-Z, 13nm, 0.6s, baz=127, slow=10, SNR=14.2							22 12 02.6
PDAR	comp-Z, 2.4nm, 0.8s, baz=151, slow=3.9, SNR=5.2							22 27 40.2
PDAR	comp-Z, 2.79nm, 18.7s, baz=142, slow=43							22 27 40.2
PDAR	Pinedale Array	35.51	32	P				22 09 17.5 +0.6
BW06	Boulder Array	35.51	32	P				22 09 17.0 +0.1
MPMC	Manual Prospec	35.52	31	P				22 09 18.5 +1.5
F59A	Saint Guillaume	35.52	18	P				22 09 17.3 +0.7
E56A	St. Veronique	35.53	15	P				22 09 17.9 +1.2
PB16	IPOC Station P	35.62	14	I	Amb	I	Amb	22 09 21.3
R11A	Troy Canyon, C	35.64	32	P				22 09 19.7 +1.7
R11A	Troy Canyon, C	35.64	32	P				22 09 19.7 +1.7
E57A	Chemin Saint G	35.64	16	P				22 09 18.6 +0.9
H64A	Troy	35.68	23	P				22 09 20.1 +2.0
G62A	West of Eustis	35.70	21	P				22 09 19.3 +1.1
E58A	La Victoria	35.85	17	P				22 09 19.9 +0.5
D55A	Sainte-Anne-du	35.86	14	P				22 09 19.8 +0.3
F60A	Warwick	35.89	19	P				22 09 20.6 +0.9
G63A	Kingsbury	35.94	22	P				22 09 21.4 +1.2

B35A	Bob, Littlefor	36.01	35	I	Amb	I	Amb	22 09 37.6
ITTB	Hatuba	36.02	11	P				22 09 19.0 -2.3
D56A	ZEC Mazzanza, M	36.07	15	P				22 09 21.7 +0.4
H65A	Eastbrook	36.11	24	P				22 09 23.3 +1.7
PKME	Peaks-Kenny Pk	36.19	22	P				22 09 23.8 +1.5
MALB	Monte Alegre	36.23	11	eP				22 09 23.6 +0.4
AGMN	Agassiz Nation	36.24	35	P				22 09 22.1 -0.6
AGMN	Agassiz Nation	36.24	35	I	Amb	I	Amb	22 09 24.9
G64A	Maxfield	36.28	23	P				22 09 25.6 +1.7
PSGCK	Pisagua	36.40	15	I	Amb	I	Amb	22 09 26.7
VLQD	Val d'Or	36.46	12	I	Amb	I	Amb	22 09 42.6
YES	Vestall, Richgr	36.49	31	P				22 09 27.2 +2.1
TPH	Tonopah	36.50	31	P				22 09 26.1 +0.8
MDND	Maddock	36.52	34	P				22 09 25.4 +0.2
PKM	McPherson Peak	36.52	31	P				22 09 27.3 +1.7
H66A	Whiting	36.56	25	P				22 09 27.1 +1.6
D58A	Chemin du LacG	36.62	17	P				22 09 26.6 +0.6
F63A	Nahmakanta, Br	36.63	22	P				22 09 27.0 +0.9
F63A	Nahmakanta, Br	36.63	22	P				22 09 27.1 +0.9
F63A	Nahmakanta, Br	36.63	22	I	Amb	I	Amb	22 09 45.8
LOHW	Long Hollow	36.65	32	I	Amb	I	Amb	22 09 29.2
G65A	Princeton	36.80	24	P				22 09 29.4 +1.9
MOOW	Moore's Pond	36.82	32	I	Amb	I	Amb	22 09 31.1
LATQ	La Tuque	36.91	17	P				22 09 31.9 +0.9
LATQ	La Tuque	36.91	17	I	Amb	I	Amb	22 09 47.0
ELK	Elko	36.97	32	P				22 09 30.9 +1.5
ELK	comp-Z, 15nm, 0.8s, baz=136, slow=9.7							22 25 51.3
ELK	comp-Z, 254nm, 21.2s, baz=148, slow=38							22 09 32.4
GGN	Saint George	37.02	25	P				22 09 30.4 +1.0
F64A	Sherman	37.05	23	P				22 09 30.9 +1.3
D60A	Saint Jean D'O	37.05	19	P				22 09 30.4 +0.8
TA01	Diego Arcena	37.21	15	P				22 09 32.7 +1.5
TA01	Diego Arcena	37.21	15	I	Amb	I	Amb	22 09 33.8
H17A	Grant Village	37.24	33	P				22 09 33.2 +1.6
H17A	Grant Village	37.24	33	I	Amb	I	Amb	22 09 51.3
RLMT	Red Lodge	37.25	33	P				22 09 31.8 +0.2
RLMT	Red Lodge	37.25	33	I	Amb	I	Amb	22 09 49.6
LKWY	Lake	37.30	33	I	Amb	I	Amb	22 09 33.8 +1.7
LKWY	Lake	37.30	33	I	Amb	I	Amb	22 09 51.3
VLVB	Vilhena	37.30	13	eP				22 09 32.3 +0.1
PB08	IPOC Station P	37.33	15	P				22 09 33.7 +1.0
PB08	IPOC Station P	37.33	15	I	Amb	I	Amb	22 09 35.5
YMP	Mirror Lake Pl	37.33	33	P				22 09 34.5 +2.1
OMMB	Old Mammoth Mi	37.39	31	P				22 09 34.2 +1.2
L7A	LASA Array	37.39	33	P				22 09 33.7 +1.1
LAO	LASA Array	37.39	33	I	Amb	I	Amb	22 09 51.6
NVAR	Mina Array Be	37.39	31	P				22 09 35.5 +2.5
NVAR	comp-Z, 9.3nm, 0.8s, baz=134, slow=7.2, SNR=31							22 11 52.3 +1.8
NVAR	comp-Z, 9.7nm, 0.7s, baz=134, slow=3.9, SNR=12							22 12 08.9
NVAR	comp-Z, 17nm, 0.7s, baz=137, slow=3.8, SNR=13							

Table with columns for location (e.g., VAO, YKA), name, coordinates, and status. Includes entries like Valinhos, Yellowknife Ar, and various other locations with their respective details.

Table with columns for location (e.g., ANM, PTEO), name, coordinates, and status. Includes entries like Nome, Sao Teotonio, Casimiro, Conde, and various other locations with their respective details.

Table with columns for location (e.g., MNK, Minsk), name, coordinates, and status. Includes entries like Minsk, Mouson, Mouson, and various other locations with their respective details.

6d 22h

Table with columns: KIAMI, comp, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SHL Shilling, QIZ Zigongzhong, HYB Hyderabad, etc.

ECX 06 22:07:12.1±0.7, 30°62'N; 114°24'W, h15km, 6km, MD2.7, ML2.8

MEX 06 22:07:13.8±0.6, 30°32'N; 114°38'W, h17km, 999km, MD3.9

ISC 06 22:07:07.6±0.3, 30°51'N; 114°12'W, h10.6, h5km, 14km, n8, e158/13, 1C-1D, Gulf of California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SFX San Felipe, PIX Pinacate, SPX San Pedro Mart, etc.

BUI 06 22:07:23.1±0.0, 11°98'S; 162°38'E, h22km, mB5.0/15, mb4.5/24, Ms4.6/1, Ms7.4/3, 1

NEIC 06 22:07:30.5±1.6, 11°47'S; 0°06:162°00'E±0.5, h41km, 6km, mb4.7/40, Error ellipse: s-maj=10.1km s-min=4.5km az=146.0

IDC 06 22:07:31.8±2.9, 11°51'S; 161°87'E, h42km, 24km, mb4.1/13, mb1.4/3/16, mb1mx4.1/45, mbtmp4.4/16, ML3.8/3, MS4.0/10, Ms1.4/0/10, ms1mx3.5/7, Error ellipse: s-maj=25.2km s-min=17.6km az=103.0

ISC 06 22:07:30.6±0.4, 11°50'S; 0°06:161°39'E±0.7, h39km, n96, e1501/92, mb4.7/43, MS4.0/7, 1C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, SANVU Sarautout, etc.

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Table with columns: TOLIZ, Totoliti, 42.83 284, P, Iamb, P, Iamb, 22 15 24.3, -0.9, 22 15 37.7. Includes stations like NWAOW Narrogin (SRO), MORW Morawa, MYLDM Lahad Datu, etc.

NEIC 06 22:23:30.5±2.0, 57°93'N; 0°03:157°49'W±0.06, h14km, 6km, Error ellipse: s-maj=4.9km s-min=4.2km az=116.0

AEIC 06 22:23:29.0±2.5, 57°95'N; 0°04:157°66'W±0.05, h13km, 6km, ML3.2, ML3.5/22(NEIC), Error ellipse: s-maj=5.4km s-min=3.8km az=158.0, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PLK5 Peulik 5, PLBL Peulik Blue Cr, etc.

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Table with columns: SDPT, Sand Point, comp=N, 144nm, 2.4s, 3.04 212, IAML, 22 25 20.0. Includes stations like ILS Iliamna Lo, IVE Iliamna Volcan, etc.

JMA 06 22:31:43.9±0.1, 24°78'N; 121°77'E, h104km, 1km, M2.6

TAP 06 22:31:44.1, 24°83'N; 121°80'E, h104km, ML3.2 B

ISC 06 22:31:43.8±1.4, 24°37'N; 0°04:121°80'E±0.03, h109km, 6km, n100, e0856/165, 3C-1D, Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NTC Toucheng, NTC Toucheng, TIPB Shuangxi, etc.

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

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NNSH, HSN1, NACB, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TWK, HATJ, SGST, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WHP, TWF1, SSSLB, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KKAR Karatay Array, KK07 Karatay Array, etc.

IDC 07 00:47:32.5:0.8,28.30N:104.86E,h0km,mb3.9/11, mb1 4.0/12,mb1mx3.7/63,mbtmp3.9/12,ML3.6/1,MS2.8/3, MS1 2.9/3,ms1mx2.5/40,Error ellipse: s-maj=35.4km s-min=16.6km

NEIC 07 00:47:37.8:1.0,28.32N:104.94E:0.03,h36km,gkm, mb4.2/14,Error ellipse: s-maj=12.8km s-min=2.8km az=170.0

ISC 07 00:47:36.0:0.6,28.41N:105.01E:0.09,h19km,a49, s=177/47,mb4.0/17,Sichuan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KMI Kunming, ENH Enshi, SLVN Son La, etc.

IDC 07 00:49:20.2:3.3,2.90N:128.30E,h120km,37km,mb3.4/8, mb1 3.5/10,mb1mx3.3/44,mbtmp3.9/10,Error ellipse: s-maj=28.9km s-min=19.6km az=95.0

NEIC 07 00:49:21.4:1.3,2.82N:128.30E:0.1,h140km,11km, mb4.1/10,Error ellipse: s-maj=22.0km s-min=10.4km az=215.0

DJA 07 00:49:24.9:1.8,3.3N:6.12E:1.5,h140km,11km,M4.2/6, mb4.3/1,MLV4.2/6

ISC 07 00:49:25.0:0.6,2.82N:128.26E:0.09,h150km,n29, s=100/29,mb4.0/11,Halmahera

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TINTI Ternate, SSGSI Sangihe, SJJI Sorong, etc.

IDC 07 01:42:56.7:2.4,36.36N:170.39E,h198km,22km,mb3.5/18, mb1 3.5/23,mb1mx3.4/59,mbtmp4.0/23,Error ellipse: s-maj=16.3km s-min=11.9km az=163.0

MOS 07 01:42:57.2:0.9,36.51N:170.44E,h209km,mb4.2/7,Error ellipse: s-maj=7.7km s-min=4.3km az=74.5

NEIC 07 01:42:59.2:1.4,36.76N:170.20E,h189km,16km,mb3.5, mpv4.4,Error ellipse: s-maj=16.3km s-min=7.5km az=165.0

ISC 07 01:42:57.0:0.4,36.43N:170.43E:0.04,h204km,m174, s=160/186,mb3.9/20,18C-6D,Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KBL Kabul, NNL Nilore, IUG Iuzhnyy, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KOTS Kutybulak, KUU Kurty, KHKK Chushkaly, etc.

7d 1h

Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like ROTZ, MANZ, NKC, etc.

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

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

7d 2h

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res ISC. Lists various stations and their coordinates and performance metrics.

SJA 07:02:29.58:2.0,6,27.96S:66.67W, h189km, 3km, ML4.3, MW4.2

NEIC 07:02:29.58:5.1,7,27.97S:0.06:66.56W, 0.10, h159km, 4km, Error ellipse: s-maj=12.4km s-min=8.5km az=48.0

IDC 07:02:29.59:7.1,9,27.89S:66.46W, h160km, 17km, mb4.1/11, mb1.4/116, mb1mx3.9/29, mbtmp4.5/16, Error ellipse: s-maj=17.0km s-min=12.9km az=91.0

GUC 07:02:30.01:6.0,3,27.92S:66.90W, h182km, 11km, ML5.2

VAO 07:02:30.02:4.0,5,27.72S:66.48W, h180km, 5km, mb4.5

ISC 07:02:29.59:3.0,6,27.94S:0.03:66.71W, 0.04, h172km, 5km, n184, r134/216, mb4.4/15, 7C-3D, Catamarca Province

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res ISC. Continuation of station data from the first table.

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Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res ISC. Lists stations and their performance metrics for February 2015.

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Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res ISC. Lists stations and their performance metrics for February 2015.

IDC 07:02:41:42.6:3.2,36.85N:71.49E, h78km, 26km, mb3.4/9, mb1.3/6/15, mb1mx3.3/55, mbtmp3.8/15, Error ellipse: s-maj=23.8km s-min=18.7km az=172.0

NNC 07:02:41:46:1.0,9,37.17N:71.14E, h99km, 13km, mb3.5, mp4.0, Error ellipse: s-maj=8.9km s-min=5.5km az=159.0

ISC 07:02:41:44:7.0,6,36.95N:0.05:71.30E, 0.06, h106km, n46, mb183/64, mb3.5/9, 11C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res ISC. Lists stations and their performance metrics for February 2015.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like MK31, MKAR, KURBB, etc.

IDC 07 02:44:19.1, 3.5, 34.29N; 135.70E, h77km, 65km, mb3.2/1, mb1 3.3/4, mb1mx3.0/42, mbtmpp3.3/4, ML2.9/3, Error ellipse: s-maj=78.2km s-min=27.8km az=158.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like JMW, JNTK, JHTK, etc.

IDC 07 03:02:37.5, 1.1, 30.33N; 140.47E, h120km, 11km, mb3.0/7, mb1 3.2/1.1, mb1mx3.1/38, mbtmpp3.5/11, Error ellipse: s-maj=33.8km s-min=8.9km az=75.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like JHJ, JCH, JJC, etc.

IDC 07 03:16:27.7, 1.7, 2.44N; 96.22E, h0km, mb3.9/6, mb1 4.0/7, mb1mx3.6/55, mbtmpp3.9/7, ML3.7/2, MS2.6/2, Ms1 2.7/2, ms1mx2.4/39, Error ellipse: s-maj=54.6km s-min=20.2km az=54.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like PSI, CMAR, KAPI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like ZALV, ARCES, etc.

SKO 07 03:30:59.9, 4.1, 77.71N; 19.05E, h287km, PDG 07 03:31:16.8, 0.1, 41.99N; 20.22E, h14km, ML2.3/13, Error ellipse: s-maj=1.0km s-min=0.1km az=0.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like PUK, PSH, BCI, etc.

IDC 07 03:16:2.1, 1.1, 42.01N; 02.00-02.31E, h0km, 9km, Mb1 1.4/8, 0.978/89, 6C-5D, Northwest Balkan Peninsula, Houshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like ULC, SKO, PDG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like RICJ, HVAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like TURUN, MULA, BDRM, etc.

NIED 07 03:36:31.5, 35.86N; 137.90E, h8km, MW3.3, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mno: 1.3, Mns: 0.91, Mns: 1.05, Mns: -0.05, Mns: -0.53, Mns: 0.28; Fault plane solution: M1: 15000x10^14 NP1: 0.149, 0.00000, 888.00000, A: -13.00000, NP2: 0.240, 0.00000, 877.00000, A: -178.00000

JMA 07 03:36:31.4, 35.86N; 137.90E, h8km, MW3.6, 1C-4D Broadband fault plane solution: P waves, NP1: 0.241, 0.00000, 869.00000, A: 168.00000, NP2: 0.336, 0.00000, 879.00000, A: 222.00000

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like JNT, JNT, JNY, etc.

IDC 07 04:12:40.2, 1.0, 12.24N; 143.94E, h0km, mb3.6/6, mb1 3.9/6, mb1mx3.6/35, mbtmpp3.6/6, MS2.7/1, Ms1 2.9/1, ms1mx2.4/35, Error ellipse: s-maj=49.2km s-min=17.7km az=115.0

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

IDC 07 04:45:11.8, 3.2, 10.33N; 02.161E, 0.02, h61km, n13, 0.1520/7, mb3.4/4, Bougainville-Eolomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like HNR, HNR, DZM, etc.

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

WEL 07 05:29:34.0-0.9,34.5-16.179E-2.5,h317km,17km, M3.7/24,mB4.16,M4.1/24,MW(B)3.2/6,Error ellipse: s-maj=0.0km s-min=0.0km az=120.1,South of Kermadec Islands

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

IDC 07 05:47:33.0-3.4,24.478N;127.90E,h0km,mb3.6/5, mb1 3.8/5,mb1mx3.5/33,mbtmp3.6/5,Error ellipse: s-maj=174.0km s-min=21.1km az=66.0

JMA 07 05:47:36.7-0.3,25.22N;128.10E,h81km,5km,M3.6 ISC 07 05:47:33.5-1.8,25.05N;128.18E-0.04,h17km,11km, n24,+f189/37,mb3.6/5,Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JTT3, JTT3, JTT3, etc.

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

IDC 07 06:02:06.5-1.0,39.29N;143.78E,h0km,mb3.7/11, mb1 3.8/15,mb1mx3.7/36,mbtmp3.7/15,ML3.1/4,MS3.3/2, MS1.3/2,ms1mx2.5/39,Error ellipse: s-maj=24.6km s-min=19.3km az=89.0

JMA 07 06:02:07.8-0.2,39.39N;143.79E,h30km,M4.0 NIED 07 06:02:07.9,39.39N;143.79E,h30km,MW3.8 Moment Tensor Solution: Scale 10^19Nm M=5.4; Mw=0.54; Mo=5.97; Me=0.62; Mw=0.58; Mw=1.55; Fault plane solution: M=5.97000e10^14 NP1: 0.357,0.00000,0.85,0.00000,1.80,0.00000. NP2: 0.194,0.00000,0.838,0.00000,1.103,0.00000. NEIC 07 06:02:11.5-1.8,39.32N;143.8E-0.1,h32km,8km, mb4.1/6 Error ellipse: s-maj=14.1km s-min=9.2km az=115.0

ISC 07 06:02:08.8-0.7,39.38N;143.70E-0.07,h11km,n55, f1922/56,mb3.8/14, Off east coast of Honshu

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

ASAJ 0.7nm,0.3s,baz=19,slow=27,SNR=1.6 MAJO Matushiro 5.18 239 P Pn 06 03 27.5 +1.3 MAT Matushiro 5.18 239 P Pn 06 03 27.2 +0.9 MAT Matushiro 5.18 239 P Pn 06 04 26.5 +0.6 MJAR Matushiro Arr 5.18 239 Pn 06 03 26.9 +0.6

MJAR Matushiro Arr 5.18 239 Pn 06 03 27.4 +1.2 JGF Kuroka 6.29 235 P Pn 06 03 24.6 +1.0 JHJ Hachioji jima 2 7.00 208 Pn 06 05 00.9 -1.0

JWT Wachi 7.77 212 Pn 06 04 03.4 +1.6 USRK Ussuriysk Ar. 9.98 303 Pn 06 04 34.2 +3.3 USRK Ussuriysk Ar. 9.98 303 Pn 06 04 34.0 +1.9 KRSR Karsk Array 12.52 266 Pn 06 05 09.8 +2.9

KRSR 0.3nm,0.3s,baz=84,slow=11,SNR=4.1 comp=Z:2.7nm,18.9s,baz=105,slow=35 SEY Seycham 24.16 10 P Pn 06 07 24.1 -0.5

HLN12 WAKE ISLAND Hy 27.98 128 T T 06 37 32.5 HLN11 WAKE ISLAND Hy 27.99 128 T T 06 37 30.3 HLN13 WAKE ISLAND Hy 28.00 128 T T 06 37 33.1

SOMN Songino Array 28.07 300 P P 06 08 00.8 +0.3 SOMN Songino Array 28.07 300 P P 06 08 00.6 +0.3 ZAAO Zalesovo Array 41.71 310 P P 06 09 56.6 -0.8 ZAAO 1.6nm,11.5s

ZALV Zalesovo Beam 41.71 310 P P 06 09 57.3 -0.1 comp=Z:2.1nm,0.5s,baz=81,slow=9.6,SNR=7.7 ZALV Zalesovo Beam 41.71 310 P P 06 09 57.9 +0.5 MK31 Makanchi Array 44.44 300 IAMB IAMB 06 10 20.7 +1.1

MKAR Makanchi Array 44.44 300 P P 06 10 19.1 -0.5 comp=Z:2.1nm,0.9s MKAR Makanchi Array 44.44 300 P P 06 10 18.8 -0.8 SCM Sheep Creek Mfo 46.51 38 P P 06 10 35.4 +0.6

ABKAR Abkutak array 57.81 310 P P 06 12 00.0 -1.0 WBO Warramunga Arr 59.48 190 P P 06 12 10.7 -1.1 WRD Warramunga Arr 59.65 190 P P 06 12 11.9 -1.0

WRA Warramunga Arr 59.66 190 P P 06 12 11.1 -2.0 YAK Yellowknife Arr 60.88 31 P P 06 12 21.4 +0.5

ASAR Alice Springs 63.38 190 P P 06 12 37.9 -0.3 comp=Z:0.3nm,0.8s,baz=355,slow=4.6,SNR=2.4 FINES FINES Array B 67.57 333 P P 06 13 05.1 +0.2

NOA NORSA Arr B 72.70 338 P P 06 13 38.0 +1.5 AKASG Malin Array B 73.53 323 P P 06 13 40.5 -0.9 PDAR Pinedale Array 74.75 47 P P 06 13 48.9 -0.1

RPZ Rata Peaks 86.33 160 LR LR 06 48 46.9 comp=Z:63nm,20.5s,baz=50,slow=32

NNC 07 06:02:49.9-0.5,43.39N;74.20E,h4km,3km,mb2.7, mb3.0,Error ellipse: s-maj=2.1km s-min=2.5km az=141.0 KNET 07 06:02:50.4-0.3,43.37N;74.23E,h24km,3km,mi1.7,Error ellipse: s-maj=2.3km s-min=1.5km az=154.0

SOME 07 06:02:50.1,43.43N;74.18E,h15km ISC 07 06:02:51.1-0.9,43.36N;74.23E-0.02,h18km,7km, n42,+f123/75,13C-7D,Central Kazakhstan

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

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

MOS 07 06:19:04.8-1.0,35.70N;140.07E,h76km,mb4.6/20,Error ellipse: s-maj=12.6km s-min=5.4km az=125.6 NEIC 07 06:19:06.1,6.35;79N;05:140;15E;0.7,h67km,6km, mb4.5/14,Mw4.3/13,Error ellipse: s-maj=8.3km s-min=6.7km az=118.0

JMA 07 06:19:06.0-0.1,35.79N;140.07E,h64km,1km,M3.8 Broadband fault plane solution: P waves. NP1: 0.191,0.00000,0.824,0.00000,1.97,0.00000. NP2: 0.4,0.00000,0.866,0.00000,1.87,0.00000. Principal axes: T Plg69.00000, Azm268.00000; N Plg3.00000; P Azm5.00000; P Plg21.00000; Azm96.00000;

JMA 07 06:19:06.35;80N;140.16E,h70km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=2.72; Mw=0.35; Mw=2.36; Mw=1.02; Mw=1.88; Fault plane solution: M3.35000e10^15 NP1: 0.142,25.00000,0.31,57.00000,0.62,55.00000. NP2: 0.353,62.00000,0.862,31.00000,1.05,82.00000. Principal axes: T 3.4289,Plg69.00000, Azm295.00000; N -0.1711,Plg14.00000, Azm166.00000; P -3.2577,Plg16.00000, Azm72.00000;

USP Osenovka 0.21 115 Op Pn 06 02 56.5 +0.1 USP 95nm,0.2s 0.30 72 P Pn 06 03 00.9 +1.0

SGDS Sogindy 0.30 72 P Pn 06 02 57.2 -0.5 47nm,0.1s

CHMS Chumysh 0.52 133 P Pn 06 03 01.6 -0.1 134nm,0.1s

CHMS 44nm,0.1s,SNR=18 0.52 133 P Pn 06 03 01.6 -0.1

AAK Ala-Archa 0.75 165 P Pn 06 03 05.6 -0.0 3.2nm,0.1s,SNR=20

AAK 26nm,0.2s 0.75 165 P Pn 06 03 05.6 -0.0

AAK Ala-Archa 0.75 165 P Pn 06 03 05.6 -0.0 0.6nm,0.2s

AAK 13nm,0.4s 0.77 206 P Pn 06 03 05.5 -0.5

EKS2 Erkin-Say 0.77 206 P Pn 06 03 05.5 -0.5 5.0nm,0.1s,SNR=34

EKS2 0.77 206 P Pn 06 03 05.5 -0.5

USP Osenovka 0.21 115 Op Pn 06 02 56.5 +0.1 USP 95nm,0.2s 0.30 72 P Pn 06 03 00.9 +1.0

SGDS Sogindy 0.30 72 P Pn 06 02 57.2 -0.5 47nm,0.1s

CHMS Chumysh 0.52 133 P Pn 06 03 01.6 -0.1 134nm,0.1s

CHMS 44nm,0.1s,SNR=18 0.52 133 P Pn 06 03 01.6 -0.1

AAK Ala-Archa 0.75 165 P Pn 06 03 05.6 -0.0 3.2nm,0.1s,SNR=20

AAK 26nm,0.2s 0.75 165 P Pn 06 03 05.6 -0.0

AAK Ala-Archa 0.75 165 P Pn 06 03 05.6 -0.0 0.6nm,0.2s

AAK 13nm,0.4s 0.77 206 P Pn 06 03 05.5 -0.5

EKS2 Erkin-Say 0.77 206 P Pn 06 03 05.5 -0.5 5.0nm,0.1s,SNR=34

EKS2 0.77 206 P Pn 06 03 05.5 -0.5

USP Osenovka 0.21 115 Op Pn 06 02 56.5 +0.1 USP 95nm,0.2s 0.30 72 P Pn 06 03 00.9 +1.0

SGDS Sogindy 0.30 72 P Pn 06 02 57.2 -0.5 47nm,0.1s

CHMS Chumysh 0.52 133 P Pn 06 03 01.6 -0.1 134nm,0.1s

CHMS 44nm,0.1s,SNR=18 0.52 133 P Pn 06 03 01.6 -0.1

AAK Ala-Archa 0.75 165 P Pn 06 03 05.6 -0.0 3.2nm,0.1s,SNR=20

AAK 26nm,0.2s 0.75 165 P Pn 06 03 05.6 -0.0

AAK Ala-Archa 0.75 165 P Pn 06 03 05.6 -0.0 0.6nm,0.2s

AAK 13nm,0.4s 0.77 206 P Pn 06 03 05.5 -0.5

EKS2 Erkin-Say 0.77 206 P Pn 06 03 05.5 -0.5 5.0nm,0.1s,SNR=34

EKS2 0.77 206 P Pn 06 03 05.5 -0.5

MOS 07 06:19:04.8-1.0,35.70N;140.07E,h76km,mb4.6/20,Error ellipse: s-maj=12.6km s-min=5.4km az=125.6 NEIC 07 06:19:06.1,6.35;79N;05:140;15E;0.7,h67km,6km, mb4.5/14,Mw4.3/13,Error ellipse: s-maj=8.3km s-min=6.7km az=118.0

JMA 07 06:19:06.0-0.1,35.79N;140.07E,h64km,1km,M3.8 Broadband fault plane solution: P waves. NP1: 0.191,0.00000,0.824,0.00000,1.97,0.00000. NP2: 0.4,0.00000,0.866,0.00000,1.87,0.00000. Principal axes: T Plg69.00000, Azm268.00000; N Plg3.00000; P Azm5.00000; P Plg21.00000; Azm96.00000;

JMA 07 06:19:06.35;80N;140.16E,h70km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=2.72; Mw=0.35; Mw=2.36; Mw=1.02; Mw=1.88; Fault plane solution: M3.35000e10^15 NP1: 0.142,25.00000,0.31,57.00000,0.62,55.00000. NP2: 0.353,62.00000,0.862,31.00000,1.05,82.00000. Principal axes: T 3.4289,Plg69.00000, Azm295.00000; N -0.1711,Plg14.00000, Azm166.00000; P -3.2577,Plg16.00000, Azm72.00000;

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC. Includes stations like Dehra Dun, Simla, Dharamshala, New Delhi, Lhasa, Kashi, Shillong, Bhopal, Ulahol, Kokpek, Medeo, Urumqi, Matutube, Uchtor, Tokmak 2, Ala-Archa, AAK, AML, Chushkaly, Kabul, Nagpur, Kurty, EKS2, MK31, MKAR, MAK2, IUC, BTL5, KK31, KKAR, ZSN, GTA, GTA, GTA, HBR, HYB, HYB, POO, LZH, LZH, CD2, CD2, CD2, CD2, HRA, KURBK, KURBK, KURBK, KMI, KMI, KMI, KMI, MHTM, CH30, CH30, CHTO, CM27.

Table with columns: CM32, CM34, PAYA, CM35, CM15, CM31, CMAR, CMAR, CMAR, CM02, CM01, CM09, CM05, CM36, CM04, LAMP, ZAAO, ZALV, ZALV, ZALV, GYA, GYA, GYA, GYA, SUKH, GEYT, GEYT, XAN, XAN, XAN, UTTA, PHIT, BVAR, BRVK, BRVK, UTHA, SONM, SONM, SONM, CHAI, ABKAR, SRAK, AKTO, BJT, BJI, QIZ, QIZ, QIZ, KBZ, KRSR, KRSR, NRIK, NRIK, NRIK, USRK, JOW, JNU, BRTR, AKASO, AKASO, MJAR, MJAR, FINES, FINES, FINES, FINES, JHJ, ARCES, ARCES, GERE, NB2, NOA, NOA, KMOB, GUMO, KEST, ESDC, WBO, WRA, WRA, AS31, ASAR, ASAR, ASAR, IL31, ILAR, TORD, TORD, KDAK, KOWA, BOSHA, YKA, YKA, STKA, DLBC.

Table with columns: DBIC, TXAR, CPUP, LPAZ, MEX 07 06:34:22.81.3, Oaxaca, CMIG, CMIG, OXBA, OXBJ, VHO, VHO, TOIG, TOIG, YOIG, YOIG, HLIG, HLIG, PEIG, PEIG, FTIG, FTIG, PNIG, TEIG, IDG 07 06:34:43.2.28.11, NEIC 07 06:34:49.2.0.28, ISC 07 06:34:48.9.1.4, RAO, RAO, RAO, MSVF, MSVF, BKZ, TUWZ, THZ, THZ, DZM, KHZ, TBI, TBI, PAE, PPT2, PPT2, PPT, PPT, VAH, STKA, STKA, PMG, AS31, ASAR, WB2, WB2, WRA, WBO, WBO, GSPA, PETK, KLR, FINES, AKASO, DJA 07 06:56:34.8.2.0, MAN 07 06:56:36.4.6, IDG 07 06:56:39.1.0, NEIC 07 06:56:39.7.1.6, ISC 07 06:56:39.2.0, Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC.

7d 11h

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

IDC 07 09:29:34.0.4.8, 32.77N:83.57E, h0km, mb3.3/4, mb1.3.5/6, mb1mx3.2/45, mbmtmp3.6/6, ML2.2/7, Error ellipse: s-maj=231.2km s-min=25.3km az=71.0, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURBS Kurchatov Arr, ZALV Zalesovo Beam, etc.

IDC 07 10:24:07.7.8.4, 21.71S:172.60W, h0km, mb4.1/4, mb1.4.3/4, mb1mx3.8/24, mbtmp4.1/4, MS4.1/2, Ms1.4/2, ms1mx2.9/28, Error ellipse: s-maj=216.3km s-min=46.9km az=32.0

NEIC 07 10:24:10.2.1.3, 21.8S:0.2:172.7W:0.2, h10km, 1km, mb4.5/20, Error ellipse: s-maj=36.9km s-min=13.0km az=131.0

IDC 07 10:24:10.3.0.8, 21.8S:0.2:172.7W:0.2, h10km, n28, e1917/26, mb4.5/13, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIUE Niue, RAO Raoul Island, DZM Mont Dzumac, etc.

IDC 07 10:35:51.6.4.8, 5.50S:153.76E, h53km, 41km, mb3.8/10, mb1.3.9/11, mb1mx3.7/43, mbtmp4.1/11, ML2.0/1, MS3.5/2, Ms1.3.5/2, ms1mx2.4z=72.7, Error ellipse: s-maj=28.3km s-min=19.2km az=38.0

NEIC 07 10:35:52.5.1.4, 5.3S:0.09:153.8E:0.1, h17km, 5km, mb4.1/11, Error ellipse: s-maj=17.1km s-min=12.2km az=70.0

IDC 07 10:35:53.0.6.5, 4.53S:0.08:153.77E:0.09, h74km, n34, e1500:36, mb4.0/13, New Ireland region

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

2015 FEB

Table with columns: PMG, S, Sn, Time, Res. Includes stations like PMG Port Moresby, PZMS Pohnppei, DZM Mont Dzumac, etc.

IDC 07 10:43:46.9.1.0, 52.55N:169.20W, h0km, mb3.7/15, mb1.3.9/17, mb1.9.4/5, mbmtmp3.7/17, ML3.3/2, Error ellipse: s-maj=29.3km s-min=15.3km az=173.0

AEIC 07 10:43:52.1.7, 52.5N:0.1:169.02W:0.06, h36km, 10km, ML3.6, Error ellipse: s-maj=17.2km s-min=4.5km az=172.0

NEIC 07 10:43:54.6.1.8, 53.0N:0.4:169.3W:0.3, h44km, 30km, Error ellipse: s-maj=56.4km s-min=5.9km az=157.0

IDC 07 10:43:52.1.0.8, 52.7N:0.1:169.10W:0.07, h33km, n51, e121/45, mb3.7/15, Fox Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez.

NEIC 07 10:44:05.7.1.7, 18.23N:0.04:101.15W:0.04, h69km, 4km, Error ellipse: s-maj=6.5km s-min=5.2km az=154.0

MEX IC 10:44:07.2.0.9, 18.23N:106.33W:0.91, h63km, 9km, MD4.0, IDC 07 10:44:12.3.3.7, 18.58N:100.66W, h114km, 32km, mb3.4/8, Ms1.3.6/1, ms1mx2.5/25, Error ellipse: s-maj=41.4km s-min=15.9km az=49.0

ISC 07 10:44:05.4.0.7, 18.23N:0.03:101.13W:0.03, h68km, 7km, n59, e157/80, mb3.9/11, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, ARIG Puente Sto Nin, CAIG El Cayaco, etc.

CMIG 2.9m, 0.3s, baz=138, slow=13, SNR=5.4

TXAR Lajitas Array 11.29 349 P Pn 10 46 46.5 +2.4

TXAR Lajitas Array 11.29 349 Pn 10 46 45.0 +0.9

ETX02 Prairie Street 14.91 23 Pn 10 47 33.8 +1.0

319A Douglas 15.03 32 Pn 10 47 37.7 -0.3

MSTX Mushoosh 15.74 355 Iamb Iamb 10 47 43.5 +0.3

MSTX comp=Z:8.4nm,1.1s Iamb Iamb 10 48 06.4

Z38A Mt. Pleasant 15.95 19 Pn Pn 10 47 46.2 +0.5

ZMXT Amariilo 16.06 358 Iamb Iamb 10 47 53.7 -0.1

AMTX comp=Z:15nm,1.2s Iamb Iamb 10 47 55.1

ANMO Albuquerque 17.31 345 P P 10 48 05.5 +2.1

ANMO comp=Z:0.1nm,0.3s,baz=154,slow=12,SNR=8.8 LR LR 10 55 18.8

ANMO comp=Z:8.4nm,18.6s,baz=134,slow=39 P 10 48 05.0 +1.7

ANM Albuquerque 17.31 345 P P 10 48 03.0 +0.3

ANM Pinedale Array 25.48 345 P P 10 48 12.3 +0.8

OK030 Cody Creek RV 18.05 11 P P 10 48 12.9 -0.4

TUL1 Leonard 18.24 14 P P 10 48 14.1

TUL1 comp=Z:8.7nm,0.9s Iamb Iamb 10 48 19.6 0.0

Y45A Pickwick Lake 18.71 31 P Pn 10 48 32.7 -0.3

SDCO Great Sand Dun 18.82 350 P P 10 48 35.5 -0.7

PLAL Pickwick Lake 20.32 32 Iamb Iamb 10 48 41.2

PLAL comp=Z:2.3nm,0.7s Iamb Iamb 10 48 38.4 -0.2

S39A Bolivar 20.56 18 P P 10 48 42.4

S39A comp=Z:5.7nm,0.8s Iamb Iamb 10 48 42.4

R40A Maddies Station 21.44 19 P P 10 48 48.0 +0.1

R40A comp=Z:2.2nm,0.6s Iamb Iamb 10 48 48.8

SRU San Rafael Swe 22.35 340 P P 10 48 59.7 +1.7

SRU comp=Z:3.5nm,0.7s Iamb Iamb 10 49 00.6

TKL Tuckaleechee C 23.19 38 P P 10 49 04.1 -2.4

TKL comp=Z:0.6nm,0.8s,baz=153,slow=7.9,SNR=4.5 Iamb Iamb 10 49 12.4

TKL Tuckaleechee C 23.19 38 P P 10 49 04.3 -2.2

TS0A Nancy 23.57 34 P P 10 49 08.0 -2.0

TS0A comp=Z:7.8nm,1.3s Iamb Iamb 10 49 20.6

NVAR Mina Array Bea 25.09 327 P P 10 49 26.3 +2.3

PDAR Pinedale Array 25.48 345 P P 10 49 28.1 +0.5

ULM Lac du Bonnet 32.22 6 P P 10 50 25.6 -1.5

YKA Yellowknife Arr 45.21 351 P P 10 52 15.2 -0.2

SIV San Ignacio 52.08 128 P P 10 53 09.9 +1.0

INK Inuvik 54.05 346 P P 10 53 22.1 -0.5

ILAR Eielson Array 55.59 338 P P 10 53 34.8 +1.0

WRA Warramunga Arr 127.75 259 P Pn PKPKP 11 03 05.7 +1.1

WRA comp=Z:0.5nm,0.7s,baz=142,slow=1.9,SNR=5.7

IDC 07 11:09:08.7.2.1, 7.21S:129.36E, h141km, 23km, mb3.3/4, mb1.3.9/9, mb1mx3.3/35, mbmtmp3.8/9, MS2.7/2, Ms1.2/7, ms1mx2.4/21, Error ellipse: s-maj=25.7km s-min=19.1km az=110.0

NEIC 07 11:09:09.5.1.6, 7.08S:0.06:129.27E:0.09, h170km, 8km, mb4.2/6, Error ellipse: s-maj=13.8km s-min=7.4km az=69.0

ISC 07 11:09:08.0.6.7, 23S:0.05:129.40E:0.06, h170km, n29, e39/134, mb3.7/7, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, FAKI Fak Fak, SOE Soe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Matias Romero, Puerto Escondi, Marmol, Flores, Yosondua, Pinotepa, etc.

NEIC 07 13:19:44.2, 0.2, 2.1N, 101.127, 5E, 0.1, h=7km, m10km, mb4.7/24, Error ellipse: s-maj=21.3km s-min=13.6km az=70.0

DJA 07 13:19:45.0, 0.2, 2.1N, 101.127, 5E, 0.1, h17km, m11km, M4.8/11, mb5.0/4, mB5.6/3, MLV4.7/11, Mw(mB)5.1/3

IDC 07 13:19:45.9, 0.7, 2.01N, 127.43E, h91km, km6, mb4.0/20, mb1.4/22, m1mx3.9/45, mbtmp4.3/22, MSJ.1/12, Ms1.3/12, ms1mx3.9/51, Error ellipse: s-maj=19.7km s-min=9.3km az=73.0

ISC 07 13:19:47.5, 0.4, 2.00N, 0.04, 127.32E, 0.07, h112km, n93, s191/103, mb4.5/38, 2D, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ternate, Sangihe, Cibinong, Sanana, Don Marcelino, Gorontalo, Sorong, etc.

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

IDC 07 13:33:26.8, 1.1, 2.7, 32N, 140.25E, h332km, 11km, mb3.1/13, mb1.3/21, mb1mx3.0/57, mbtmp3.8/17, Error ellipse: s-maj=22.9km s-min=12.1km az=77.0

JMA 07 13:33:28.5, 2.7, 68N, 140.97E, h333km, 10km, M3.9, ISC 07 13:33:27.6, 0.7, 2.7, 53N, 140.08, 140.9E, 0.1, h350km, n27, s206/35, mb3.2/13, Bonin Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Chichijima, Haha-jima-NKT2, etc.

IDC 07 13:35:09.4, 0.9, 12.12N, 142.38E, h0km, mb3.8/7, mb1.4/7, mb1mx3.6/57, mbtmp3.9/8, ML4.2/1, MS2.7/2, Ms1.7/2, ms1mx2.4/51, Error ellipse: s-maj=47.5km s-min=20.0km az=110.0

ISC 07 13:35:14.9, 0.9, 12.1N, 0.2, 142.6E, 0.2, h35km, n16, s164/9, mb3.8/7, 202, Mar de Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, SIJI Sorong, H11S3 WAKE ISLAND Hy, etc.

IDC 07 13:40:43.3, 2.6, 36.38N, 70.75E, h164km, 23km, mb3.5/13, mb1.3/6/19, mb1mx3.3/62, mbtmp4.0/19, Error ellipse: s-maj=18.7km s-min=14.1km az=33.0

NNC 07 13:40:46.9, 2.4, 36.84N, 70.60E, h128km, 43km, mb3.5, mp4.0, Error ellipse: s-maj=22.6km s-min=11.2km az=159.0

ISC 07 13:40:42.3, 0.6, 36.48N, 0.05, 70.80E, 0.06, h150km, n48, s179/61, mb3.8/7, 35-CD, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Thein Dam, Almayasu, Dharm Dharamshala, etc.

SSLB	comp=Z,19nm,1.1s	23.20 217	P	P	16 44 43.5 +0.3	RAMN	comp=Z,149nm,0.5s	42.84 264	eP	P	16 47 30.8 -0.6	NIL	comp=Z,33nm,0.9s		pmax	pmax			
SSLB	Suanglung		I	Amb	16 44 45.4	TKM2	comp=Z,88nm,0.6s	43.04 291	P	P	16 47 33.2 +0.4	NIL	Nilore	48.86 281	P	I	Amb	16 48 18.5 +0.9	
TPUB	comp=Z,26nm,1.1s	23.76 217	P	P	16 44 48.8 +0.5	TKM2	Tokmak 2	43.04 291	iP	P	16 47 33.1 +0.4	VRDI	comp=Z,33nm,0.8s	48.90 39	I	Amb	I	Amb	16 48 20.7
TPUB	Ta-pu		I	Amb	16 44 51.6	TKM2	Tokmak 2	43.04 291	pmax	pmax		MCARA	Verde Repeater	49.04 39	I	Amb	I	Amb	16 48 22.0
MOY	comp=Z,34nm,0.9s	24.67 302	eP	P	16 44 55.5 -0.8	BRVK	comp=Z,25nm,0.4s	43.21 307	iP	pmax	16 47 33.2 -0.4	BCAR	McCarthy VSAT	49.08 37	P	P	P	16 48 20.6 +1.7	
MOY	Monday		pmax	pmax		BRVK	Borovoye	43.21 307	iP	pmax		CROM	Creek A	49.17 40	I	Amb	I	Amb	16 48 23.0
ENH	comp=Z,33nm,1.8s	24.76 246	P	I	16 44 56.2 -1.0	BRVK	comp=Z,18nm,0.8s	43.21 307	P	P	16 47 33.8 +0.2	TGL	Tana Glacier	49.33 40	I	Amb	I	Amb	16 48 23.8
ENH	Enshi		I	Amb	16 44 59.8	BRVK	Borovoye	43.21 307	P	P	16 47 33.9 +0.2	BALM	Baldy	49.47 39	I	Amb	I	Amb	16 48 25.5
LZH	comp=Z,14nm,0.6s	25.56 264	eP	pmax	16 45 04.7 +0.2	BRVK	Borovoye	43.21 307	eP	P	16 47 33.2 -0.4	EPYK	Eagle Plains	50.12 32	I	Amb	I	Amb	16 48 29.3
LZH	Lanzhou		eP	pmax		BRVK	Borovoye	43.21 307	eP	P	16 47 33.4 -1.2	ABKAR	Abkutak array	50.61 305	P	P	P	16 48 30.6 +1.2	
GTA	comp=Z,23nm,1.3s	27.17 274	UP	ScP	16 45 18.8 +0.1	BTLs	Baital	43.30 294	eP	P	16 47 34.7 -0.3	ABKAR	Abkutak array	50.61 305	I	Amb	I	Amb	16 48 31.6
GTA	Gaotai		ScP	ScS	16 45 35.9 -0.6	BTLs	Baital	43.30 294	eP	P	16 47 34.9 -0.5	INIK	Inuvik	50.65 29	P	P	P	16 48 31.1 +0.8	
GTA	comp=Z,26nm,1.1s		ScS	pmax	16 55 26.6 -1.9	PKIN	Phulchoki	43.35 266	eP	P	16 47 36.6 +1.2	KBL	Kabul	51.40 284	P	pmax	pmax	16 48 35.6 -1.1	
GTA	comp=Z,180nm,5.9s		LR	LR		IMAR	Indian Mountain	43.45 34	P	P	16 47 35.4 -0.7	KBL	Kabul	51.40 284	I	Amb	I	Amb	16 48 37.0
GTA	comp=Z,170nm,15.6s		LR	LR		SGDS	Sogindy	43.49 292	eP	P	16 47 35.4 -0.7	KBL	Kabul	51.40 284	P	P	P	16 48 36.4 -0.3	
GTA	comp=Z,320nm,17.1s		LR	LR		SGDS	Sogindy	43.49 292	eP	P	16 47 35.4 -0.7	KBL	Kabul	51.40 284	I	Amb	I	Amb	16 48 35.6 -1.1
TIXI	comp=Z,300nm,16.0s	28.40 355	P	P	16 45 28.1 -0.8	DMN	Daman	43.54 266	eP	P	16 47 36.7 -0.2	KBL	Kabul	51.40 284	P	pmax	pmax	16 48 37.0	
TIXI	Tiksi		pmax	pmax		KBK	Karagaybulak	43.58 291	P	P	16 47 37.3 +0.3	KBL	Kabul	51.40 284	I	Amb	I	Amb	16 48 36.4 -0.3
TIXI	comp=Z,7.0nm,0.6s	28.40 355	P	P	16 45 28.1 -0.8	CHMS	Chumysh	43.58 291	P	P	16 47 36.8 -0.1	KIRV	Kirov	52.52 319	iP	P	P	16 48 44.5 +0.3	
TIXI	Amchitka	30.05 59	P	P	16 45 33.9 +0.6	USP	Oshpenovka	43.65 292	P	P	16 47 37.9 -0.4	C36M	C36M	53.38 26	I	Amb	I	Amb	16 48 52.6
DGZ	Jazzator, Alta	33.34 298	iP	pmax	16 46 12.6 +0.2	GKN	Gorkha	43.65 267	eP	P	16 47 37.2 -0.5	SOEI	Soei	54.07 194	P	P	P	16 48 56.4 +0.3	
DGZ	comp=Z,44nm,0.9s	34.43 288	P	pmax	16 46 22.5 +0.8	AAK	Ala-Archa	43.90 291	P	P	16 47 39.4 -0.1	KLMR	Klimovskoe	55.99 324	eP	pmax	pmax	16 48 06.8 -2.2	
WMQ	Urumqi		P	pmax		AAK	Ala-Archa	43.90 291	iP	P	16 47 39.6 +0.1	KLMR	Klimovskoe	55.99 324	eP	AMP	AMP	16 49 06.8 -2.2	
WMQ	comp=Z,20nm,0.8s	34.43 288	P	I	16 46 22.5 +0.8	AAK	Ala-Archa	43.90 291	iP	P	16 47 40.5 +1.0	BELG	Belogorroye	56.20 313	iP	pmax	pmax	16 49 10.3 -0.3	
WMQ	Urumqi		I	Amb	16 46 23.7	AAK	Ala-Archa	43.90 291	iP	P	16 47 38.7 -0.8	BELG	Belogorroye	56.20 313	iP	pmax	pmax	16 49 10.3 -0.3	
ZALV	comp=Z,20nm,0.8s	34.51 306	P	P	16 46 21.8 -0.4	AAK	Ala-Archa	43.90 291	iP	pmax	16 47 40.5 +1.0	HRA	Herat	56.24 287	I	Amb	I	Amb	16 49 12.7
ZALV	Zalesovo Beam		P	P	16 46 23.7	AAK	Ala-Archa	43.90 291	iP	pmax	16 47 38.7 -0.8	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
ZALV	comp=Z,19nm,0.6s,baz=83,slow=8.6,SNR=83		P	P	16 48 48.7 +0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.5 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
ZALV	comp=Z,9.0nm,0.6s,baz=96,slow=2.1,SNR=21		P	P	16 51 59.6 -0.9	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
ZALV	comp=Z,12nm,0.7s,baz=87,slow=3.3,SNR=37		P	P	16 46 28.7 -1.3	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
ZSN	Zaisan	35.42 295	eP	P	16 46 28.7 -1.3	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
ZSN	comp=Z,9.2nm,0.7s,baz=294		eP	pmax	16 46 28.7 -1.3	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
ZSN	Zaisan	35.42 295	eP	pmax	16 46 28.7 -1.3	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
ZSN	comp=Z,9.0nm,0.7s		eP	pmax	16 46 30.2 -0.8	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Noril'sk	35.57 333	P	P	16 46 30.2 -0.8	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,3.7nm,0.7s,baz=176,slow=5.7,SNR=11		P	P	16 51 38.0 -2.7	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Noril'sk	35.57 333	eP	P	16 46 30.5 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,1.0nm,0.4s,baz=205,slow=2.2,SNR=2.6		eP	pmax	16 46 30.5 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Noril'sk	35.57 333	eP	pmax	16 46 30.5 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,20nm,2.6s	35.57 333	P	pmax	16 46 29.4 -1.5	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Noril'sk	35.57 333	P	pmax	16 46 29.4 -1.5	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,2.5nm,0.6s	37.29 294	iP	pmax	16 46 45.3 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Makanchi Array		iP	pmax	16 46 45.3 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,23nm,0.8s	37.29 294	P	I	16 46 45.3 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Makanchi Array		I	Amb	16 46 45.3 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,23nm,0.8s	37.29 294	P	I	16 46 45.3 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Makanchi Array		I	Amb	16 46 45.3 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,18nm,0.6s	37.29 294	P	P	16 46 45.3 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Makanchi Array		P	P	16 46 45.3 -0.4	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,1.7nm,0.6s,baz=85,slow=1.4,SNR=4.1		P	P	16 52 10.1 -0.9	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Makanchi Array		P	P	16 52 10.1 -0.9	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,1.4nm,0.7s,baz=75,slow=4.2,SNR=8.1		P	P	16 46 45.0 -0.7	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Makanchi Array		P	P	16 46 45.0 -0.7	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,18nm,0.6s	37.29 294	P	pmax	16 46 45.0 -0.7	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Makanchi Array		P	pmax	16 46 45.0 -0.7	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,18nm,0.6s	37.29 294	P	P	16 46 45.0 -0.7	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Makanchi Array		P	P	16 46 45.0 -0.7	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	comp=Z,18nm,0.6s	37.29 294	P	P	16 46 45.0 -0.7	AAK	Ala-Archa	43.90 291	P	P	16 47 39.6 +0.1	ARCES	ARCCESS Array B	56.38 337	P	P	P	16 49 11.1 -0.6	
NR1K	Makanchi Array		P	P	16 46 45.0 -0.7	AAK	Ala-Archa	43.90 291											

7d 17h

Table with columns for station name, frequency, and signal strength. Includes stations like TSMG, SGLT, SSD, LANJ, TWG, etc.

2015 FEB

Table with columns for station name, frequency, and signal strength. Includes stations like TYC, ESL, WPL, DPDB, WCHH, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like KMI, KRSR, CD2, INU, etc.

NIL	Nilore	43.16 296	P	P	17 55 13.5	+0.4
NIL			I	Amb	17 55 14.8	
H1N1	WAKE ISLAND Hy	43.25 84	T	T	18 41 07.5	
H1N2	WAKE ISLAND Hy	43.25 84	T	T	18 41 07.0	
H1N3	WAKE ISLAND Hy	43.27 84	T	T	18 41 08.2	
H1S3	WAKE ISLAND Hy	43.31 86	T	T	18 41 12.4	
H1S1	WAKE ISLAND Hy	43.32 86	T	T	18 41 13.0	
H1S2	WAKE ISLAND Hy	43.33 86	T	T	18 41 13.9	
WB0	Warramunga Arr	43.50 161	P	P	17 55 14.4	-1.4
WB0			I	Amb	17 55 15.1	
KURK	Kurchatov	43.55 322	P	P	17 55 16.5	+0.6
WRA	Warramunga Arr	43.65 161	P	P	17 55 15.4	-1.5
WRA			I	Amb	17 55 16.5	
WRA	Warramunga Arr	43.65 161	P	P	17 55 14.6	-2.4
WB2	Warramunga Arr	43.65 161	P	P	17 55 15.7	-1.3
WB2			I	Amb	17 55 16.4	
WR0	Warramunga Arr	43.72 161	P	P	17 55 16.4	-1.2
WR0			I	Amb	17 55 16.9	
GIRL	Giralda	44.63 188	P	P	17 55 25.1	+0.3
SEY	Seycham	46.38 19	P	P	17 55 37.3	-0.9
KK31	Karatay Array	46.47 309	P	P	17 55 40.4	+1.0
KK31			I	Amb	17 55 40.6	
KK31	Karatay Array	46.47 309	P	P	17 57 13.2	-0.3
KKAR	Karatay Array	46.47 309	P	P	17 55 40.5	+1.2
KKAR			I	Amb	17 55 40.6	
KKAR	Karatay Array	46.47 309	P	P	17 55 40.2	+0.9
KKAR			I	Amb	17 57 14.0	+0.5
IUG	Iuzhnyy	46.65 308	eP	P	17 55 41.7	+0.8
KBL	Kabul	46.69 297	P	P	17 55 42.9	+1.5
KBL			I	Amb	17 55 43.8	
KBL			I	Amb	17 57 13.9	-0.8
AS31	Alice Springs	47.05 163	P	P	17 55 43.3	-0.6
AS31			I	Amb	17 57 15.1	-0.6
ASAR	Alice Springs	47.05 163	P	P	17 55 43.0	-0.9
ASAR			I	Amb	17 57 15.1	-0.6
ASAR	Alice Springs	47.05 163	P	P	17 55 42.8	-1.2
ASAR			I	Amb	17 57 13.9	-1.9
BRVK	Borovoye	49.22 322	I	Amb	17 56 00.9	+0.5
BRVK			I	Amb	17 56 01.9	
HNR	Honiaru	49.58 125	LR	LR	18 16 23.0	
NR1K	Norilsk	51.53 346	P	P	17 56 17.6	-1.5
NR1K			I	Amb	17 56 17.0	-0.6
NR1K			I	Amb	17 56 18.4	
HRA	Herat	52.31 297	P	P	17 56 22.6	-1.6
AMKA	Amchitka	53.83 42	P	P	17 56 36.3	+1.4
ABKAR	Akbulak array	54.69 316	P	P	17 56 41.4	+0.2
ABKAR			I	Amb	17 57 43.5	-0.2
ABKAR	Akbulak array	54.69 316	P	P	17 57 41.9	+0.7
ABKAR			I	Amb	17 56 43.0	
GEYT	Alibek	55.51 302	P	P	17 56 49.1	+1.6
GEYT			I	Amb	17 56 48.3	+0.9
GEYT	Alibek	55.51 302	P	P	17 56 47.7	+0.3
GEYT			I	Amb	17 56 50.2	
MIDW	Midway	56.09 70	P	P	17 56 53.0	+1.5
BBOO	Buckleboo	56.31 164	P	P	17 56 52.2	+0.2
BBOO			I	Amb	17 56 53.4	
ARU	Arti	56.65 324	P	P	17 56 55.4	+0.3
ARU			I	Amb	17 56 56.0	
STKA	Stevens Creek	57.07 159	P	P	17 56 57.5	-0.9
STKA			I	Amb	17 56 57.9	-0.5
ATKA	Atka Island	57.94 41	P	P	17 57 05.9	+1.5
ARMA	Armidale	59.92 149	P	P	17 57 19.5	+1.1
ARMA			I	Amb	17 57 36.7	
NIKH	Nikolski High	61.24 41	P	P	17 57 29.0	+2.0
TOO	Toolangi	63.58 158	P	P	17 57 43.8	+1.0
TOO			I	Amb	17 57 44.7	
KBZ	Khabaz	66.51 309	P	P	17 58 01.1	-0.8
TTA	Tatalina	67.83 29	P	P	17 58 08.8	-1.2
TTA			I	Amb	17 58 17.7	
MARD	Mardin	69.23 303	P	P	17 58 20.0	+0.6
MARD			I	Amb	17 58 21.3	
CAST	Castle Rocks	69.55 29	P	P	17 58 20.5	-0.2
PPLA	Purkeypile	69.57 29	P	P	17 58 20.6	-0.4
SUA	Susitna One	70.46 31	P	P	17 58 26.4	0.0
BWN	Browne	70.58 28	P	P	17 58 24.1	-2.8
BWN			I	Amb	17 58 26.3	
BRLK	Bradley Lake	70.79 32	P	P	17 58 27.5	-0.3
MDM	Murphy Dome	70.96 27	P	P	17 58 29.0	-0.3
MDM			I	Amb	17 58 35.9	
RND	Reindeer	70.98 28	P	P	17 58 28.4	-1.2
RND			I	Amb	17 58 57.2	
ILAR	Eielson Array	71.56 27	P	P	17 58 31.0	-1.9
ILAR			I	Amb	17 58 44.5	+1.0
ILAR	Eielson Array	71.56 27	P	P	17 58 33.7	+3.8
SPA1	Spitsbergen Ar	71.65 348	P	P	17 58 34.0	+0.7
SPA3	Spitsbergen Ar	71.99 30	P	P	17 58 35.0	-0.6
SCM	Sheep Creek Mo	72.66 28	P	P	17 58 38.5	-1.1
RIDG	Independent Ri	72.66 28	P	P	17 58 48.5	
RIDG			I	Amb	17 58 48.5	
KLU	Klutina	72.72 30	P	P	17 58 39.6	-0.4
DOT	Dot Lake	73.03 28	P	P	17 58 40.8	-0.9
DOT			I	Amb	17 58 58.3	
FIA1	FINESS Array	73.18 330	P	P	17 58 40.7	-1.9
FINES	FINESS Array	73.18 330	P	P	17 58 42.1	-0.5
FINES			I	Amb	17 58 42.3	-0.3
N25K	Chitina, Valde	73.31 30	P	P	17 58 43.2	-0.3
GLB	Gilghina Butte	73.72 30	P	P	17 58 45.3	-0.6
GLB			I	Amb	17 58 55.8	
VRDI	Verde Repeater	73.94 30	P	P	17 58 46.4	-1.0
VRDI			I	Amb	17 59 10.8	
CRQM	Circus	74.22 30	P	P	17 58 52.4	+3.4
AKASG	Malin Array Be	74.25 319	P	P	17 58 48.0	-1.1
CTGM	Chitina Glacie	75.00 30	P	P	17 58 53.4	0.0
CTGM			I	Amb	17 59 22.0	
INK	Inuvik	75.61 22	P	P	17 58 55.6	-1.0
HYT	Haines Junctio	76.81 29	P	P	17 59 03.8	0.0
HYT			I	Amb	17 59 11.6	
VR1	Vrincioia	77.23 314	P	P	17 59 07.3	+1.1
PLOR	Plostina	77.28 314	P	P	17 59 08.2	+1.4
BURAR	Bucovina Array	77.66 316	P	P	17 59 09.2	+0.5
BURAR			I	Amb	17 59 09.5	+0.8
BUR08	Bucovina Ar. S	77.66 316	P	P	17 59 09.5	+0.8
BUR08			I	Amb	17 59 33.4	
MLR	Muntele Rosu	78.07 314	P	P	17 59 10.5	+0.5
WHY	Whitehorse	78.07 29	P	P	17 59 10.5	-0.2

WHY	comp-Z,18nm,1.6s	I	Amb	I	Amb	17 59 36.2
NOA	NORSAR Array B	80.03 332	LR	LR	18 36 40.6	
VTS	Vitoshu	80.68 312	P	P	17 59 26.6	+1.2
VTS	Vitoshu	80.68 312	P	P	17 59 26.0	+0.6
VTS			I	Amb	17 59 27.2	
ITM	Ithorn	83.62 307	P	P	17 59 39.7	-1.1
KMBO	Kilima Mbogo	84.20 266	P	P	17 59 45.1	+0.8
GERES	GERESS Array B	84.29 321	P	P	17 59 44.0	0.0
GERES			I	Amb	17 59 44.1	+0.1
YKA	Yellowknife Ar	85.36 22	P	P	17 59 48.6	-0.4
YKA			I	Amb	17 59 48.6	-0.4
TUL	07 18:40:49.5; 1.8, 36:26N; 0.01; 97:28W; 0.02, h4km, 6km, ML3.8, mb_Lg3.9/167(NEIC), Mw3.9/51(NEIC), Error ellipse: s-maj=2.5km s-min=1.7km az=74.0					
NEIC	07 18:40:49.6; 1.8, 36:27N; 0.01; 97:28W; 0.008, h4km, 6km, Error ellipse: s-maj=1.9km s-min=0.8km az=159.0					
NEIC	07 18:40:49.5; 36:26N; 97:28W; h4km, Moment Tensor Solution. Moment tensor: Scale 10 ¹⁴ Nm; Mw:0.59; Mw:5.25; Mw:5.84; Mw:2.68; Mw:5.53; Mw:0.50; Fault plane solution: M8.31000; 1014 NP1:0.21, 710000.0, 570.980000, 1.174.780000. NP2:0.293.420000, 585.060000, 1.19.100000. Principal axes: T 8.2378, Plg17.00000, Azm159.00000; N 0.1466, Plg70.00000, Azm307.00000; P -8.3844, Plg10.00000, Azm66.00000.					
ANF	07 18:40:50.3; 0.3, 36:26N; 97:23W, h5km, ML4.9/17 Error ellipse: s-maj=3.4km s-min=2.1km az=179.0					
IDC	07 18:40:52.0; 2.6, 36:27N; 97:37W, h16km, 19km, mb3.4/2, mb1.3/9.9, mb1m3.6/42, mbtrmp3.6/9, ML3.5/7, MS3.2/10, NP1.3/210, ms1m3.0/33, Error ellipse: s-maj=11.8km s-min=9.8km az=159.0					
ISC	07 18:40:49.4; 1.0, 36:28N; 0.02; 97:29W; 0.02, h4km, 8km, n229, 0189/235, Oklahoma					
Code	Station Name	Δ° AZ°	Phase ID	Time	Res	
QUOK	Quay	0.48 102	Op	ISC	h m s	ISC
QUOK				18 40 59.0	+0.3	
QUOK				18 41 05.0	+0.5	
OK031	S. Brethren Rd	0.49 131	Sg	Pg	18 40 59.0	+0.2
OK031				18 41 05.6	+0.5	
OK029	Liberty Lake	0.49 195	Sg	Pg	18 40 59.0	+0.1
OK029				18 41 05.9	+0.6	
OK030	Cody Creek RV	0.54 130	Sg	Pg	18 40 59.9	+0.1
OK030				18 41 07.1	+0.3	
CROK	Carrier	0.60 293	Pg	Pg	18 41 01.5	+0.5
CROK				18 41 02.2	+1.4	
BCOK	Bluff Creek, N	0.67 203	Sg	Pg	18 41 02.2	0.0
BCOK				18 41 11.5	+0.6	
OK025	Westminster Rd	0.69 183	Sg	Pg	18 41 02.8	+0.1
OK025				18 41 12.2	+0.5	
OK009	Oakdale Elemen	0.70 189	Pg	Pg	18 41 02.9	+0.1
OK009				18 41 12.7	+0.8	
KAN13	South Haven SW	0.75 349	Sg	Pg	18 41 04.4	+0.6
KAN13				18 41 15.2	+1.6	
OKCFA	Oklahoma City	0.87 189	Sg	Pg	18 41 06.5	+0.0
KAN14	Manchester OK	0.87 322	Sg	Pg	18 41 06.5	+0.4
KAN14				18 41 18.6	+1.2	
OKCSW	OKLAHOMA CITY	0.88 188	Sg	Pg	18 41 06.2	0.0
OKCSW				18 41 18.4	+0.8	
T35A	Sooner Cattle	0.90 44	Sg	Pg	18 41 06.9	+0.9
T35A				18 41 19.1	+0.3	
T35B	Sooner Cattle	0.90 44	Sg	Pg	18 41 06.7	
T35B			S		18 41 19.1	
KAN01	Argonia South	0.95 337	Pg	Pg	18 41 08.1	+0.4
KAN05	Bluff City Nur	0.95 331	Pg	Pg	18 41 08.0	+0.3
FNO	Franklin	1.02 185	Pg	Pg	18 41 09.0	0.0
KAN10	Anthony SW Sta	1.06 323	Pg	Pg	18 41 10.1	+0.3
KAN10				18 41 24.4	+0.8	
KAN08	Anthony NE Sta	1.09 330	Sg	Pg	18 41 10.5	0.0
KAN12	Harper NE Sta	1.17 331	Pg	Pg	18 41 12.0	+0.2
W35A	Teacumseh St	1.17 163	Pg	Pg	18 41 10.7	-1.1
TUL1	Leonard	1.12 106	P	Pg	18 41 12.6	-1.1
TUL1			S		18 41 29.6	-0.6
TUL1	Leonard	1.27 106	P	Pg	18 41 12.6	-1.1
TUL1			S		18 41 12.5	
TUL1	Leonard	1.27 106	P	Pg	18 41 12.6	-1.1
TUL1			S		18 41 29.8	
U32A	Winter Ranch,	1.38 275	P	Pn	18 41 15.3	-0.2
U32A			S		18 41 15.2	
U32A	Winter Ranch,	1.38 275	P	Pn	18 41 15.3	-0.2
U32A			S		18 41 34.4	
WMOK	Wichita Mounta	1.96 219	P	Pn	18 41 23.9	+0.5
WMOK			S		18 41 50.8	+0.5
WMOK	Wichita Mounta	1.96 219	P	Pn	18 41 24.1	+0.7
WMOK			I	Amb	18 41 51.1	
WMOK	Wichita Mounta	1.96 219	P	Pn	18 41 24.2	
WMOK			S		18 41 50.5	
X37A	Clayton	2.30 136	P	Pn	18 41 28.8	+0.7
X37A			S		18 41 28.6	
X37A	Clayton	2.30 136	P	Pn	18 41 28.6	
X37A			S		18 42 01.1	
U38A	Gravette	2.35 85	P	Pn	18 4	

7d 18h

2015 FEB

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like LNXT Lenox, HENM Henderson Moun, K31A O'Neill, SCIA State Center, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like PV12 Saucer Basin, RW03 Paradox Valley, PV05 Rawlins, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BKZ Black Stump Fm, COEN Coen, STKA Stephens Creek, etc.

NIC 07 18:45:36.9, 0.0, 35:26N, 32:24E, h22km, ML2.8/6
ISK 07 18:45:37.7, 35:26N, 32:32E, h13km, ML2.3/10
DDA 07 18:45:37.6, 35:36N, 32:16E, h8km, ML1.6
ISC 07 18:45:38.2, 1.1, 35:30N, 03:32E, 0:05, h9km, 9km,

Table with columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like ALFC Alefka, AKMS Akamas, etc.

NEIC 07 18:40:54.4, 1.7, 17:90S, 168:79E, h243km, 21km, mb3.7/11, mb1.3/9/3, mb2mx3.7/7, mbtmp4.3/13, Error ellipse: 6-maj=33.3km, 6-min=11.6km, az=145.0

ISC 07 18:40:56.1, 0.5, 17:92S, 0:08, 168:83E, 0:08, h250km, n59, az=150/58, mb4.5/20, 1C, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like SANVU Saraoutou, DZM Mont Dzumac, etc.

NNA	Nana	144.23	116	PKPdf	PKPab	19 12 57.3	+1.0
ATAH	Atahualpa	144.42	107	PKP	PKPab	19 12 56.0	-1.4
comp=Z,2.1nm,0.7s,baz=67,slow=7.7,SNR=3.5							
PB07	IPOC Station P	144.61	136	PKPab	PKPab	19 12 59.3	+1.7
LVC	Limon Verde	144.67	138	PKP	PKPab	19 12 57.9	-0.1
comp=Z,2.4nm,0.7s,baz=245,slow=3.7,SNR=4.3							
LVC	Limon Verde	144.67	138	PKPab	PKPab	19 12 58.3	+0.3
OTAV	Otavalo	145.77	95	PKPdf	PKPab	19 13 01.7	0.0
OTAV	Otavalo	145.77	95	PKPdf	PKPab	19 13 03.0	-1.4
PSGC	Pisagua	145.82	133	PKP	PKPab	19 13 03.7	+1.2
PB08	IPOC Station P	146.17	135	PKP	PKPab	19 13 03.2	+1.2
MNMC	Minye Minye	146.50	133	PKPdf	PKPab	19 13 04.2	+1.7
SOTA	Rioblanco	147.75	92	PKPdf	PKPab	19 13 07.1	+2.1
CPUP	Villa Florida	147.81	158	PKPbc	PKPab	19 13 04.8	+0.7
comp=Z,2.0nm,0.9s,baz=223,slow=2.8,SNR=30							
CPUR	Villa Florida	147.81	158	PKPbc	PKPab	19 13 07.5	+3.3
PONC	Cinco Días	147.97	91	PKPdf	PKPab	19 13 08.7	+3.2
MPAR	Paez Belalcaza	148.44	90	PKPdf	PKPab	19 13 09.8	+3.9
BET	Betania	148.94	91	PKPdf	PKPab	19 13 05.4	-1.0
ANIL	Santa Ana	149.01	87	PKPdf	PKPab	19 13 05.5	-1.4
GUVC	Guyana, Caldas	149.03	86	PKPdf	PKPab	19 13 07.3	+0.2
TOLC	Tolima	149.09	87	PKPdf	PKPab	19 13 07.7	+0.7
ORTC	Ortega, Tolima	149.17	88	PKPdf	PKPab	19 13 06.4	-0.4
LPAZ	La Paz	149.36	131	PKPbc	PKPab	19 13 09.4	+1.7
comp=Z,1.0nm,0.9s,baz=235,slow=2.4,SNR=20							
ROSC	El Rosal	150.06	86	PKPbc	PKPbc	19 13 13.6	-0.0
comp=Z,1.3nm,0.5s,baz=359,slow=7.1,SNR=5.5							
ROSC	El Rosal	150.06	86	PKPbc	PKPbc	19 13 07.6	-1.1
MACC	Macarena, Meta	150.51	92	PKPbc	PKPbc	19 13 13.0	-0.6
CHIC	Chingaza	150.67	87	PKPbc	PKPbc	19 13 12.2	+3.3
BARC	Barichara	151.12	83	PKPbc	PKPbc	19 13 14.6	+5.0
RUSC	La Rusia	151.27	84	PKPbc	PKPbc	19 13 09.5	-0.5
SIVC	San José del G	151.75	91	PKPbc	PKPbc	19 13 07.7	+5.1
GUVC	San Ignacio	154.54	140	PKPbc	PKPbc	19 13 03.6	-7.1
comp=Z,1.1nm,0.6s,baz=209,slow=7.1,SNR=5.2							

IDC 07 19:30:53.2-2.0,55:59S:26:02W, h0km, mb4.0/2, mb1.4/2, mb1mx3.7/25, mbtmp4.0/2, Error ellipse: s-maj=87.5km s-min=46.9km az=7.0
 NEIC 07 19:30:54.8-2.5,55:65S:01:25:9W:0.2, h10km,1km, mb4.5/10, Error ellipse: s-maj=22.0km s-min=15.0km az=51.0
 ISC 07 19:30:58.0-0.7,55:75S:01:25:9W:0.1, h32km, n19, c0911/19, mb4.5/5, South Sandwich Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
HOPE	Hope Point	6.24 278	Op	19 32 27.9	+0.2
VNA1	Neumayer-Stat	16.91 160	P	19 34 50.8	-1.0
VNA3	Neumayer Olymp	17.14 162	P	19 34 53.5	-1.2
VNA2	Neumayer-Watz	17.30 159	P	19 34 56.0	-0.7
SNAA	Sanae	18.22 157	P	19 35 16.7	+1.3
SNA3	Sanae	18.22 157	P	19 35 15.8	+1.1
BELA	Belgrano 2	22.53 185	P	19 35 53.4	-1.3
QSPA	South Pole Qui	34.60 180	P	19 37 43.1	-0.6
MT02	Curacav	38.35 287	P	19 38 15.9	+0.1
comp=Z,1.5nm,1.2s					
PB07	IPOC Station P	46.96 298	P	19 39 26.7	+0.7
PB07	IPOC Station P	46.96 298	P	19 39 43.8	
VNDA	Vanda	47.00 182	P	19 39 26.9	+1.5
LBTB	Lobatse	48.20 72	P	19 39 35.2	-0.3
LBTB	Lobatse	48.20 72	P	19 39 51.1	
comp=Z,6.4nm,1.2s					
LPAZ	La Paz	50.74 304	P	19 39 54.7	-0.8
comp=Z,2.0nm,0.6s,baz=145,slow=4.8,SNR=4.8					
LPAZ	La Paz	50.74 304	P	19 39 54.2	-1.3
LPAZ	La Paz	50.74 304	P	19 40 11.3	
comp=Z,3.1nm,0.8s					
TOAD	Torodi Ar. Bea	72.36 28	P	19 42 20.9	+0.4
TOAD	Torodi Ar. Bea	72.36 28	P	19 42 20.7	+0.1
comp=Z,0.4nm,0.5s,baz=197,slow=6.1,SNR=4.2					
TORD	Torodi Ar. Bea	72.36 28	P	19 42 20.4	-0.2
SONM	Songino Array	149.98 85	PKPbc	19 50 44.3	+0.1
comp=Z,0.8nm,0.6s,baz=121,slow=3.4,SNR=5					
ILAR	Eielson Array	150.39 312	PKPbc	19 50 44.6	+0.1
comp=Z,1.7nm,0.9s,baz=134,slow=1.4,SNR=12					

IDC 07 19:43:14.2-1.5,8:12N:72:20W, h0km, mb3.5/5, mb1.3/9/6, mb1mx3.6/31, mbtmp3.6/6, ML3.5/1, Error ellipse: s-maj=37.5km s-min=13.1km az=165.0
 FUNV 07 19:43:19.3,8:36N:72:07W, h2km, MW3.2, RSN2 07 19:43:19.1,1.1,8:33N:72:16W, h4km,10km, ML3.2, MW3.5
 ISC 07 19:43:18.4-2.1,8:38N:07:32:15W:0.03, h15km,14km, n45, c1941/61, mb3.5/5,1D, Venezuela

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
OCAC	Ocana	1.17 263	Op	19 43 38.9	-1.8
OCAC	Ocana	1.17 263	Op	19 43 53.8	-1.9
OCAC	Ocana	1.17 263	Op	19 44 02.1	
PAMC	Pampiona, Colo	1.17 208	Op	19 43 38.9	-1.8
PAMC	Pampiona, Colo	1.17 208	Op	19 43 53.8	-1.9
PAMC	Pampiona, Colo	1.17 208	Op	19 44 02.1	
SDV	Santo Domingo	1.58 71	Pg	19 43 46.9	+0.8
comp=Z,56nm,0.3s,baz=251,slow=10,SNR=126					
SDV	Santo Domingo	1.58 71	Pg	19 44 07.8	
SDV	Santo Domingo	1.58 71	Pg	19 43 46.9	+0.8
SDV	Santo Domingo	1.58 71	Pg	19 44 08.2	+0.9
SDV	Santo Domingo	1.58 71	Pg	19 44 10.1	
comp=Z,847nm,0.4s					
SDV	Santo Domingo	1.58 71	Pg	19 43 46.8	+0.8
SDV	Santo Domingo	1.58 71	Pg	19 44 08.2	+0.9
MCQV	Machiques	1.70 347	Op	19 43 49.5	+0.1
MCQV	Machiques	1.70 347	Op	19 44 12.7	-0.6
SMLC	San Martín de	1.95 287	Op	19 43 51.8	+0.9
SMLC	San Martín de	1.95 287	Op	19 44 19.5	+1.8
TAME	Tame, Arauca	1.96 170	Op	19 43 51.9	+0.7
TAME	Tame, Arauca	1.96 170	Op	19 44 16.4	+0.8
TAME	Tame, Arauca	1.96 170	Op	19 44 22.1	
comp=Z,389nm,0.2s					
BRRR	Barranca, Sant	2.00 231	Op	19 43 54.3	-0.2
BRRR	Barranca, Sant	2.00 231	Op	19 44 21.1	+1.9
BRRR	Barranca, Sant	2.00 231	Op	19 44 25.5	
comp=Z,153nm,0.6s					
BARC	Barichara	2.05 210	Op	19 43 54.3	+1.7
BARC	Barichara	2.05 210	Op	19 44 20.4	+2.4
BARC	Barichara	2.05 210	Op	19 44 25.4	
comp=Z,254nm,0.5s					
TORV	Torococo	2.23 58	Op	19 43 55.1	+0.2
TORV	Torococo	2.23 58	Op	19 44 20.4	+1.9
ARGC	Arguani, Magd	2.54 306	Op	19 44 01.1	+1.0
RUSC	La Rusia	2.64 201	Op	19 44 02.1	+1.3
RUSC	La Rusia	2.64 201	Op	19 44 41.5	
comp=Z,75nm,0.3s					
CURV	Curarigua	2.70 53	Op	19 44 02.5	+1.1
CURV	Curarigua	2.70 53	Op	19 44 04.0	+1.1
SANV	Sanarito	2.81 66	Op	19 44 35.7	-0.9
SANV	Sanarito	2.81 66	Op	19 44 04.8	+0.4
PTBC	PUERTO BERRIO,	2.93 232	Op	19 44 50.2	
PTBC	PUERTO BERRIO,	2.93 232	Op	19 44 06.0	+1.5
DABV	Dabajuro	2.93 30	Op	19 44 40.1	+0.7
DABV	Dabajuro	2.93 30	Op	19 44 10.1	+1.5
SIQV	Siquisique	3.23 45	Op	19 44 46.0	-0.8
SIQV	Siquisique	3.23 45	Op	19 44 11.5	+1.7
SIQV	Siquisique	3.23 45	Op	19 45 08.9	
SPBC	San Pablo de B	3.31 215	Op	19 44 13.3	+2.3
SPBC	San Pablo de B	3.31 215	Op	19 44 10.8	-0.6
SPBC	San Pablo de B	3.31 215	Op	19 44 14.9	+2.6
SPBC	San Pablo de B	3.31 215	Op	19 45 18.9	
comp=Z,60nm,0.5s					
UREC	San Jos de Ur	3.41 260	Op	19 44 19.3	+1.6
UREC	San Jos de Ur	3.41 260	Op	19 44 10.8	-0.6
SMRC	Santa Marta, M	3.54 224	Op	19 44 14.9	+2.6
MOTC	Monteria, Cord	3.54 277	Op	19 45 18.9	
MOTC	Monteria, Cord	3.54 277	Op	19 45 18.9	
comp=Z,33nm,0.5s					
NORC	Norcasia	3.89 224	Op	19 44 19.0	+0.9
NORC	Norcasia	3.89 224	Op	19 44 21.8	+2.3
comp=Z,27nm,0.4s					
MAPV	Macapao	3.92 68	Op	19 44 19.0	+0.9
HELX	Santa Helena	4.00 237	Op	19 44 21.3	+1.2
HELX	Santa Helena	4.00 237	Op	19 44 21.3	+1.2
comp=Z,45nm,0.4s					
CHIC	Chingaza	4.04 203	Op	19 44 21.0	+0.4
BAUV	El Baul	4.10 82	Op	19 44 21.0	+0.4

BAUV	Montecano	4.15 31	eS	Sn	19 45 06.3	-2.0
MONV	Montecano	4.15 31	eP	Pn	19 44 21.8	+0.5
GUVC	Guyana, Caldas	4.47 226	eP	Pn	19 44 28.1	+2.0
GUVC	Guyana, Caldas	4.47 226	eP	Pn	19 45 54.3	
comp=Z,2.0nm,0.6s						
TURV	Turiamo	4.72 64	eP	Pn	19 44 29.1	0.0
TOLC	Tolima	4.91 220	eP	Pn	19 44 34.0	+2.0
TOLC	Tolima	4.91 220	eP	Pn	19 45 53.6	
comp=Z,14nm,0.6s						
PAYV	Puerto Ayacu	5.34 123	eP	Pn	19 44 36.9	-0.8
TACV	Tacata	5.35 71	eP	Pn	19 44 38.1	+0.4
PLMC	San Jos del P	5.36 30	eP	Pn	19 44 41.2	+3.2
ORTC	Ortega, Tolima	5.40 215	eP	Pn	19 44 38.9	+0.4
MERV	Las Mercedes	5.85 81	eP	Pn	19 44 44.4	-0.2
BRV	Birongo	6.16 70	eP	Pn	19 44 49.0	0.0
PRV	Puerto La Cruz	7.63 76	eP	Pn	19 45 09.7	+0.6
comp=Z,0.7nm,0.3s,baz=283,slow=9.8,SNR=2.3						
PCRV	Puerto La Cruz	7.63 76	eP	Pn	19 45 34.6	-0.7
comp=Z,3.8nm,0.3s,baz=137,slow=18,SNR=9.6						
TXAR	Lajitas Array	36.19 309	P	P	19 50 20.6	-0.2
comp=Z,0.2nm,0.6s,baz=131,slow=9,SNR=3.5						
ULM	Lac du Bonnet	46.17 339	P	P	19 51 41.8	-0.6
comp=Z,1.8nm,0.9s,baz=169,slow=16,SNR=3.1						
PDAR	Pinedale Array	47.41 323	P	P	19 51 52.8	+0.2
comp=Z,0.2nm,0.6s,baz=131,slow=9,SNR=3.5						
NVAR	Mina Array	51.10 313	P	P	19 52 20.5	-0.4
comp=Z,0.2nm,0.						

mb4.3/23, Error ellipse: s-maj=12.0km s-min=-6.8km az=143.0

DJA 07 21:40:15.8-0.7, 1°N, 4°S, 9°E, h47km, 15km, M4, 3/10, mB5.0/2, mb4.7/5, MLV4.0/10, Mw(mB)4.3/2

ISC 07 21:40:15.6-0.7, 0.86N, 0.06E, 96.96E, 0.07, h25km, m75, 152/71, mb4.3/25, MS4.1/3, 1D, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their recorded data for the event.

CPUP Villa Florida 144.59 222 PKPdf 21 59 51 +0.6

IDC 07 21:41:59.9-2.0, 0.81N, 96.92E, h0km, mb3.8/4, mb1 3.8/6, mb1 mx3.5/49, mbtmp3.7/6, ML3.5/2, Error ellipse: s-maj=56.5km s-min=24.0km az=61.0

NEIC 07 21:42:01.1-1.3, 0.8N, 0.1E, 96.91E, 0.10, h10km, 2km, mb4.1/6, Error ellipse: s-maj=21.9km s-min=13.5km az=213.0

ISC 07 21:42:03.5 1.6, 0.8N, 0.2, 97.0E, 0.2, h25km, n22, 162/16, mb4.1/7, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their recorded data for the event.

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their recorded data for the event.

7d 23h

HERR	Herculane	73.89 326	↑P	P	23 38 01.7 -0.7
ARSA	Arzberg	73.96 331	eP	P	23 38 03.4 +0.6
BRTR	Keeskin Array B	73.98 316	P	P	23 38 02.9 -0.3
WB0	Warramunga Arr	73.98 198	P	I Amb	23 38 03.7 +0.5
WB0	Warramunga Arr	74.14 198	P	I Amb	23 38 04.5 +0.5
WR0	Warramunga Arr	74.14 198	P	I Amb	23 38 05.4 +0.5
WRAB	Tennant Creek	74.15 198	eP	P	23 38 03.8 -0.3
WRA	Warramunga Arr	74.16 198	P	P	23 38 04.8 +0.7
ABTX	Abilene, Hawle	74.19 57	P	P	23 38 05.0 +0.6
MDVR	Moldovita	74.21 326	↑P	P	23 38 03.6 -0.7
G57A	Newington	74.22 332	P	P	23 38 03.7 -0.5
FVM	French Village	74.26 47	P	P	23 38 04.4 -0.2
FVM	French Village	74.26 47	P	P	23 38 04.3 -0.2
F59A	Saint Guillaume	74.27 31	P	P	23 38 04.3 -0.1
WSAR	Wadi Sarin	74.37 288	P	P	23 38 04.8 -0.6
FITZ	Fitzroy Crossi	74.41 207	P	P	23 38 05.7 +0.1
FITZ	Fitzroy Crossi	74.41 207	P	P	23 38 06.1 +0.6
UOSS	Minazif	74.44 291	P	P	23 38 05.0 -0.8
E61A	Lac Etchemin	74.45 30	P	P	23 38 05.1 -0.5
G58A	Ormostown	74.48 32	P	P	23 38 05.0 -0.6
U40A	Yellville	74.49 50	P	P	23 38 05.8 -0.1
U40A	Yellville	74.49 50	P	P	23 38 05.9
D63A	Stockholm	74.60 28	P	P	23 38 05.6 -0.7
SOKA	Soboth	74.62 331	iP	P	23 38 07.0 +0.4
TX32	Lajitas Array	74.69 62	P	P	23 38 08.7 +1.4
TXAR	Lajitas Array	74.69 62	P	P	23 38 08.6 +1.3
TXAR	Lajitas Array	74.69 62	P	P	23 38 08.0 +2.0
TXAR	Lajitas Array	74.69 62	P	P	23 38 08.5 +1.2
KBA	Koelnbreinsper	74.74 333	iP	P	23 38 08.3 +1.0
T42A	Van Buren	74.75 48	P	P	23 38 07.3
LONV	Lake Ozonia	74.78 33	P	P	23 38 06.7 -0.7
LONV	Lake Ozonia	74.78 33	P	P	23 38 06.7 -0.7
OBKA	Obir	74.92 332	iP	P	23 38 08.6 +0.4
BATG	Bathurst New B	74.94 26	P	I Amb	23 38 08.0 -0.3
BATG	Bathurst New B	74.94 26	P	I Amb	23 38 09.2
WATA	Walderaim	74.99 334	eP	P	23 38 09.2 +0.5
W39A	Magazine	75.00 51	P	P	23 38 09.1 +0.3
M52A	Chesterland	75.04 39	P	I Amb	23 38 08.6 -0.3
M52A	Chesterland	75.04 39	P	I Amb	23 38 09.7
WTTA	Wattenberg	75.04 334	iP	P	23 38 09.8 +0.7
M52A	Chesterland	75.04 39	P	P	23 38 09.1
M52A	Chesterland	75.04 39	P	P	23 38 09.1
H59A	Cadyville	75.05 32	P	P	23 38 07.9 -1.0
ERPA	Erie	75.06 38	P	P	23 38 08.8 -0.2
RETA	Reutte	75.06 335	iP	P	23 38 09.3 +0.3
MYKA	Terra Mystica	75.07 332	iP	P	23 38 09.5 +0.5
H58A	Gabriels	75.09 33	P	P	23 38 08.7 -0.4
L53A	Girard	75.10 38	P	P	23 38 09.3 +0.1
MOTA	Moosalm	75.11 334	eP	P	23 38 09.7 +0.3
G61A	St-Isidore-de-	75.17 31	P	P	23 38 09.5 -0.1
SQTA	Sankt Quirin	75.19 334	iP	P	23 38 10.5 +0.6
ABTA	Abfallersbach	75.27 333	iP	P	23 38 10.5 +0.3
ECH	Echery	75.28 337	P	P	23 38 10.1 -0.1
ECH	Echery	75.28 337	P	P	23 38 10.1 -0.1
ECH	Echery	75.28 337	P	P	23 38 10.1 -0.1
ZOU	Zoufpan	75.32 333	P	P	23 38 09.9 -0.7
M53A	WI Miller and	75.39 39	P	P	23 38 10.8 -0.1
M53A	WI Miller and	75.39 39	P	P	23 38 10.6 -0.3
DIVS	Divivare	75.39 327	P	I Amb	23 38 10.1 -0.9
P49A	Miami Univ. Ec	75.41 42	P	P	23 38 10.9 -0.2
DAVA	Damuels	75.48 335	iP	P	23 38 12.4 +1.0
FETA	Feichten	75.50 334	iP	P	23 38 11.6 0.0
ACSO	Alum Creek Sta	75.52 41	P	P	23 38 11.3 -0.3
K56A	Middlesex	75.53 36	P	P	23 38 11.2 -0.4
VTS	Vitosha	75.58 324	↑P	P	23 38 12.1 -0.1
VTS	Vitosha	75.58 324	P	P	23 38 11.9 -0.2
VTS	Vitosha	75.58 324	P	P	23 38 11.9 -0.2
F64A	Sherman	75.60 28	P	I Amb	23 38 11.5 -0.4
MIAR	Mount Ida	75.63 51	P	P	23 38 12.8 +0.5
MIAR	Mount Ida	75.63 51	P	P	23 38 12.9
M54A	Oil Creek Stat	75.71 38	P	P	23 38 12.2 -0.5
H61A	Lyndonville	75.71 31	P	P	23 38 12.8 +0.2
W41B	Gary Mavity, V	75.74 50	P	P	23 38 13.0 +0.1
I59A	Oldsteadville	75.74 33	P	P	23 38 12.3 -0.5
W41B	Gary Mavity, V	75.74 50	P	P	23 38 13.5
JCT	Junction City	75.82 58	P	P	23 38 13.9 +0.4
J59A	Piesco	75.83 34	P	P	23 38 12.6 -0.6
WCI	Wyandotte Cave	75.86 44	P	P	23 38 13.6 +0.1
WCI	Wyandotte Cave	75.86 44	P	P	23 38 13.5 0.0
WCI	Wyandotte Cave	75.86 44	P	P	23 38 13.5 0.0
WCI	Wyandotte Cave	75.86 44	P	P	23 38 13.5 0.0
H62A	Milan	75.92 31	P	P	23 38 13.9 +0.1
L56A	Greenwood	75.93 36	P	P	23 38 13.2 -0.7
X40A	Basin Creek Fa	76.03 51	P	P	23 38 15.2 +0.6

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K58A	Earlville	76.06 35	P	P	23 38 14.1 -0.5
N54A	Moraine State	76.06 39	P	P	23 38 14.3 -0.3
CTI	Castel Tesino	76.15 333	P	P	23 38 14.3 -0.9
CTI	Castel Tesino	76.15 333	P	P	23 38 14.2 -0.9
O53A	New Philadelphia	76.20 40	P	P	23 38 15.3 -0.1
O53A	New Philadelphia	76.20 40	P	P	23 38 15.1 -0.3
M56A	Emporium	76.28 37	P	P	23 38 15.2 -0.6
L57A	Andrews Acres	76.31 36	P	P	23 38 15.8 -0.2
K59A	Cooperstown	76.32 34	P	P	23 38 15.5 -0.5
T47A	Sharon Grove	76.55 46	P	P	23 38 17.7
LMN	Caledonia Moun	76.59 26	P	I Amb	23 38 17.1 -0.3
L58A	Harry Jones Me	76.62 35	P	P	23 38 17.0 -0.7
N56A	West Decatur	76.73 37	P	P	23 38 18.2 -0.1
L59A	Walton	76.77 35	P	P	23 38 18.0 -0.5
TEOL	Teolo	76.78 333	P	I Amb	23 38 18.2 -0.3
M57A	Sunshine Farm,	76.79 36	P	P	23 38 18.2 -0.3
WVT	Waverly	76.95 46	P	P	23 38 19.8 +0.2
WVT	Waverly	76.95 46	P	P	23 38 19.8 +0.2
WVT	Waverly	76.95 46	P	P	23 38 19.8 +0.2
WVT	Waverly	76.95 46	P	P	23 38 19.9
M58A	Price's Panora	77.00 36	P	P	23 38 19.2 -0.6
PDG	Podgorica	77.12 327	P	I Amb	23 38 19.7 -0.6
N57A	Milroy	77.14 37	P	P	23 38 20.1 -0.4
O56A	Blue Knob Stat	77.19 38	P	P	23 38 20.3 -0.5
L60A	Shokan	77.23 34	P	P	23 38 20.6 -0.4
MCWV	Mont Chateau	77.24 39	P	P	23 38 21.0 -0.1
O53A	Leroy	77.28 41	P	P	23 38 21.5 +0.2
N58A	Sunbury	77.37 36	P	P	23 38 20.6 -1.1
NATX	Nacogdoches	77.38 54	P	P	23 38 23.3 +1.4
T50A	Nancy	77.49 44	P	I Amb	23 38 22.2 -0.3
U49A	Red Boiling Sp	77.53 45	P	P	23 38 23.1
OXF	Oxford	77.60 48	P	P	23 38 23.4 +0.3
N59A	State Game Lan	77.64 36	P	P	23 38 22.4 -0.9
833A	Chaparral WMA,	77.76 59	P	P	23 38 25.1 +1.0
P56A	Dayton Farm, R	77.76 38	P	P	23 38 24.1 +0.3
EIDS	Eidsvold	77.80 182	P	P	23 38 25.1 +1.1
PLAL	Pickwick Lake	77.81 47	P	P	23 38 23.9 -0.3
AS11	Alice Springs	77.87 198	P	P	23 38 25.9 +1.2
ASAR	Alice Springs	77.88 198	P	P	23 38 25.8 +1.2
ASAR	Alice Springs	77.88 198	P	P	23 38 25.5 +0.9
ASAR	Alice Springs	77.88 198	P	P	23 38 25.5 +0.9
ELL	Elmali	78.06 317	P	P	23 38 25.5 -0.2
ELL	Elmali	78.06 317	P	I Amb	23 38 25.5 -0.2
R54A	Victor	78.07 41	P	P	23 38 25.8 +0.2
VLC	Villacollemand	78.24 333	P	I Amb	23 38 26.9 +0.5
S54A	Dingess, Beckl	78.28 41	P	P	23 38 26.9 +0.2
P58A	Pank, Wackersv	78.35 37	P	P	23 38 26.8 -0.2
BNI	Bardonecchia	78.36 336	P	P	23 38 27.5 +0.3
BNI	Bardonecchia	78.36 336	P	P	23 38 27.5 +0.3
BNI	Bardonecchia	78.36 336	P	P	23 38 27.5 +0.3
OSSC	Osservatorio P	78.59 333	P	P	23 38 28.1 -0.2
SSB	Saint Sauveur	78.66 338	P	P	23 38 28.7 0.0
O58A	Fox Den Farm,	78.69 38	P	P	23 38 28.8 0.0
S56A	Natural Bridge	79.07 40	P	P	23 38 31.0 +0.1
SCTE	Santa Cesarea	79.50 326	P	P	23 38 32.2 -0.9
S58A	Poland Farm, P	79.71 39	P	P	23 38 34.1 -0.1
T57A	Hurt	79.78 40	P	P	23 38 34.4 -0.2
U56A	King	79.90 41	P	P	23 38 35.6 +0.3
LRAL	Lakeview Retre	79.92 48	P	P	23 38 35.1 -0.4
T58A	Grand View Acr	80.11 40	P	P	23 38 36.2 -0.2
V56A	Mocksville	80.32 41	P	P	23 38 38.0 +0.5
V57A	Coltrane Farms	80.54 41	P	P	23 38 38.3 -0.4
KM5C	Kings Mountain	80.56 42	P	P	23 38 38.7 -0.1
U58A	Oxford	80.58 40	P	P	23 38 38.9 0.0
TIP	Timpaagrande	80.87 327	P	P	23 38 40.2 -0.2
GOGA	Godfrey	81.15 45	P	P	23 38 41.6 -0.3
V59A	Middlesex	81.26 40	P	P	23 38 42.4 +0.1
RAYN	Ar Rayn	81.50 298	P	P	23 38 43.1 -0.8
RAYN	Ar Rayn	81.50 298	P	P	23 38 43.1 -0.8
W58A	Raylor	81.51 41	P	P	23 38 43.7 0.0
V60A	Jim Taylor Roa	81.63 39	P	P	23 38 44.3 0.0
STKA	Stephens Creek	84.84 190	P	P	23 38 59.2 -0.8
ESDC	Consear Array	85.80 342	P	P	23 39 03.2 -1.7
KEST	Kesra	86.36 331	P	P	23 39 07.3 -0.4
KEST	Kesra	86.36 331	P	I Amb	23 39 10.6
DBIC	Dimbokro	117.87 335	PKP	PKP	23 45 07.2 -0.9
BOS	Bosof	134.83 281	PKP	PKP	23 45 40.5 +0.4
BOSA	Boshof	134.83 281	PKIP	PKP	23 45 40.2 +0.1
BOSA	Boshof	134.83 281	PKP	PKP	23 45 40.1 +0.1
PLCA	Paso Flores	148.35 85	PKP	PKP	23 45 59.6 -0.1
BIO2	San Fabin de	145.30 80	PKP	PKP	23 45 59.6 -0.3
PLCA	Paso Flores	148.35 85	PKP	PKP	23 45 59.6 -0.4

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IDC 07 23:35:51.9,0.6,36:78N:73:27E, h0km, mb3,9/24,
 mb1 3.6/15, mb1 mx4.0/56, mbtmp4,1/31, ML3,8/7, MS3,6/15,
 Ms1 3.6/15, ms1 mx3.4/44, Error ellipse: s-maj=14.7km
 s-min=11.6km az=7.0
 BUJ 07 23:35:53.5,0.0,36:72N:73:26E, h22km, mb4,8/19,
 mb4,3/24, ML4,4/3, Ms4,4/14, Ms7 4,1/13
 NNC 07 23:35:56.0,1.2,36:51N:73:01E, h70km, 17km, mb4,4,
 mp4,5, Error ellipse: s-maj=11.1km s-min=7.9km
 az=153.0
 MOS 07 23:35:57.8,1.2,36:87N:73:21E, h56km, mb4,4/8, Error
 ellipse: s-maj=7.3km s-min=3.9km az=82.1
 NEIC 07 23:35:59.4,1.4,36:83N:0:06:73:24E,0:08, h49km,6km,
 mb4,5/36, Error ellipse: s-maj=9.2km s-min=8.8km
 az=197.0
 ISC 07 23:35:58.1,0.3,36:82N:0:03:73:21E,0:04, h42km, n247,
 az=232/242, mb4,2/48, MS3,7/12, 11C-9D, Northwestern
 Kashmir

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
NIL	Nilore	3.16	179	Op	Pn	Pn	23	36	46.6	+1.3
NIL	Nilore	3.16	179	Pn	Pn	Pn	23	36	46.6	+1.3
NIL	Nilore	3.16	179	Pn	Pn	Pn	23	36	46.6	+1.5
KSH	Kashi	3.47	38	Pg	Pn	Pn	23	36	47.0	-2.7
KSH	Kashi	3.47	38	Sn	Pn	Pn	23	37	23.8	-5.8
KSH	Kashi	3.47	38	LR	Pn	Pn	23	37	23.8	-5.8
KBL	Kabul	4.08	237	Pn	Pn	Pn	23	36	59.5	+1.4
KBL	Kabul	4.08	237	Pn	Pn	Pn	23	36	59.5	+1.4
KBL	Kabul	4.08	237	pPn	Pn	Pn	23	37	00.1	+2.0
THW	Thamme Wali	4.19	197	P	Pn	Pn	23	37	01.2	+1.7
THN	Thein Dam	4.84	154	eS	Pn	Pn	23	38	04.3	+1.2
THN	Thein Dam	4.84	154	eP	Pn	Pn	23	37	13.5	+5.2
DHRM	DHARAMSHALA	5.22								

8d 1h

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like RUGZ, WHRZ, PUZ, TWGZ, URZ, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ISA, CMB, YBH, SNA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BRG, VYHS, WRAC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, PPT2, PPT, FITZ, QSPA, etc.

IASPEI 08 01:40:10.9, 0.9, 46.48N, 0.02:13.42E, 0.02, h9km, 4km, Error ellipse: s-maj=2.8km s-min=2.2km az=179.9, 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>, 80, 465-472, 2009

LJU 08 01:40:10.4, 46.49N, 13.42E, h13km, ML 1.8 VIE 08 01:40:10.3, 0.1, 46.46N, 13.40E, h12km, mb1.7/9, m2.6/11, Error ellipse: s-maj=1.5km s-min=1.0km az=21.0 8 km SE of Pontebba ROM 08 01:40:10.7, 0.1, 46.479N, 0.007:13.39E, 0.01, h7km, ML2.4/9, Error ellipse: s-maj=0.9km s-min=0.6km az=128.0

PRU 08 01:40:11.6, 0.0, 46.51N, 13.42E, h2km ISC 08 01:40:10.9, 0.8, 46.49N, 0.01:13.42E, 0.01, h10km, 4km, n77, c079/137, 15C-3D, Austria

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSR, ACOM, MYKA, BOB, etc.

Table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes events like OBKA, POLC, TRI, etc.

PRE 08 02:00:00.7, 1.2, 26.98S, 26.79E, h2km, ML3.3 IDC 08 02:00:02.4, 3.0, 26.91S, 26.81E, h0km, mb3.6/2, mb1.3/7.3, mb1mx3.4/36, mbtmp3.6/3, ML3.5/1, Error ellipse: s-maj=76.0km s-min=20.0km az=111.0

ISC 08 02:00:02.1, 2, 26.98S, 0.04:26.84E, 0.05, h16km, 9km, n19, c196/37, South Africa

Table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRYS, WDLM, KSR, etc.

Table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOPA, MSNA, SOE, etc.

IDC 08 02:03:38.3, 1.0, 37.81N, 143.94E, h0km, mb3.4/5, m1.3/7.7, mb1mx3.5/43, mbtmp3.5/7, ML3.6/2, Error ellipse: s-maj=29.4km s-min=20.7km az=112.0

JMA 08 02:03:42.3, 0.2, 37.95N, 143.73E, h4km, ML4.1 NIED 08 02:03:42.4, 37.95N, 143.73E, h4km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; M1: 3.17; M2: 1.39; M3: 1.78; M4: 0.69; M5: 1.18; M6: 0.21; Fault plane solution: Ms3.05000x10^14 NP1: phi231.00000, lambda49.00000, lambda-76.00000. NP2: phi31.00000, lambda105.00000.

ISC 08 02:03:41.6, 3.2, 37.95N, 0.04:143.82E, 0.06, h27km, 25km, n24, c1953/31, mb3.5/5, Off east coast of Honshu

Table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIKH, JIO, OFUJ, etc.

WEL 08 02:13:17.8, 1.0, 38.5, 18.0E, h33km, M3.6/24, ML3.8/24, MLV3.6/24, Error ellipse: s-maj=0.0km s-min=0.0km az=28.5

IDC 08 02:13:18.6, 2.9, 38.87S, 179.00E, h0km, mb3.9/3, m1.4/2.4, mb1mx3.9/33, mbtmp4.4, ML3.8/1, Error ellipse: s-maj=68.6km s-min=31.2km az=127.0

ISC 08 02:13:14.1, 3.6, 37.64S, 0.08:179.96E, 0.08, h10km, 22km, n73, c122/80, mb3.8/3, Off east coast of North Island

Table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMGZ, MXZ, PUZ, etc.

8d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TUC, X18A, W18A, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NVAR, TKL, ULM, SADO, YKA, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 237A, P38A, R40A, etc.

MOS 08:05:28:55.6:1.8, 35:37N:22:60E, h10km, mb4.4/18, Error ellipse: s-maj=6.8km s-min=4.0km az=65.2

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KTHR, KTHA, KTHA, AKAS, etc.

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

2015 FEB

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GAZ, CEY, GROS, BROS, SOKA, etc.

8d 5h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Granite Mounta, Organ Pipe Nat, Waingapu, etc.

IDC 08 08:38:35.9:1.5, 10'08S:118'37E, h0km, mb2.7/4, mb1 4.0/8, mb1mx3.8/31, mbtmp3.9/8, ML3.8/4, MS2.5/3, Ms1 2.5/3, ms1mx2.3/39, Error ellipse: s-maj=51.2km s-min=19.0km az=50.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Waikabubak, Waingapu, Plampang, etc.

IDC 08 08:39:15.6:2.7, 35'26N:136'99E, h239km, 66km, mb2.7/3, mb1 3.0/3, mb1mx2.7/38, mbtmp3.3/3, MS2.8/1, Ms1 2.8/1, ms1mx2.6/4, Error ellipse: s-maj=146.2km s-min=24.8km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kuroka, Shimob, Natsuki, etc.

SKO 08 08:43:55.5, 40'93N:22'23E, h15km, ATH 08 08:43:56.6, 40'92N:22'23E, h10km, 2km, ML2.3/15, Error ellipse: s-maj=2.5km s-min=0.8km az=7.0

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

NEIC 08 09:29:04.6:1.2, 34'32S:0'04W:0'1, h10km, 2km, Error ellipse: s-maj=14.2km s-min=5.7km az=258.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Las Melosas, Sierra Bellavi, etc.

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

NEIC 08 09:29:05.9:0.6, 34'60S:0'04W:0'1, h10km, 2km, SJA 08 09:29:05.9:0.6, 34'60S:0'04W:0'1, h10km, 2km, ML3.8, MW4.1

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

GUC 08 09:29:16.0:0.6, 34'32S:0'23W, h19km, 2km, ML4.0, IDC 08 09:29:13.7:2.8, 34'29S:69'87W, h57km, 27km, mb3.5/4, mb1 3.8/9, ms1mx3.6/28, mbtmp3.7/9, ML3.5/5, MS3.0/3, Ms1 3.0/3, ms1mx2.8/12, Error ellipse: s-maj=37.8km s-min=24.8km az=102.0

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

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

IDC 08 09:34:57.1:0.8, 20'33S:172'43E, h0km, mb4.1/13, mb1 4.3/16, mb1mx4.2/38, mbtmp4.1/16, ML4.0/3, MS3.5/19, Ms1 3.5/19, ms1mx3.3/43, Error ellipse: s-maj=31.5km s-min=16.2km az=151.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Mamie plateau, Ouen Toro, etc.

IDC 08 09:35:02.0:0.6, 20'45S:0'17E:5E:0'1, h35km, n80, ISC 08 09:35:02.0:0.6, 20'45S:0'17E:5E:0'1, h35km, n80, region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Mamie plateau, Ouen Toro, etc.

WRA	Warramunga Arr	35.76 264	P	P	09 41 56.3	-1.8
WRA	comp=Z,130nm,18.2s,baz=90,slow=8	SNR=3.0	LR	LR	09 56 32.0	
ASAR	Alice Springs	35.84 258	P	P	09 41 58.8	-0.1
ASAR	comp=Z,9.0nm,0.8s,baz=77,slow=8.3	SNR=8.3	LR	LR	09 55 37.8	
PPT	Papeete	35.94 92	LR	LR	09 54 55.5	
GUMO	Guam	43.34 319	LR	LR	09 58 43.3	
FITZ	Fitzroy Crossi	44.17 265	P	P	09 43 08.3	+0.4
FITZ	comp=Z,2.6nm,1.0s,baz=107,slow=1.1	SNR=5.0	LR	LR	10 01 01.7	
BATI	Baumata	48.01 275	LR	LR	10 03 30.4	
NWAO	Narrogin (SRO)	50.42 244	LR	LR	10 03 47.7	
MJAR	Matsushiro Arr	65.24 330	LR	LR	10 09 23.0	
PETK	Petrovovsk	74.32 351	P	P	09 46 34.9	-0.9
KLR	Kul'dur	78.22 334	P	P	09 46 58.9	+0.9
CMAR	Chiang Mai Arr	81.77 232	P	P	09 47 18.6	+0.7
SEY	Seymchan	84.56 351	P	P	09 47 31.6	+0.4
LPIG	La Paz	87.19 63	LR	LR	10 18 33.7	
NVAR	Minia Array Bea	87.31 47	P	P	09 47 46.6	+0.8
SONM	Songino Array	90.00 322	P	P	09 47 58.6	+0.5
ILAR	Eielson Array	90.46 16	P	P	09 47 57.7	-1.0
PALK	Palekete	94.16 276	LR	LR	10 35 23.8	
ANMO	Albuquerque	94.46 54	LR	LR	10 22 01.9	
TXAR	Lajitas Array	94.65 61	P	P	09 48 21.2	+1.1
PDAR	Pinedale Array	95.10 18	P	P	09 48 21.9	-0.5
CMIG	Matias Romero	98.19 75	LR	LR	10 23 30.9	
BISR	Bisoca	142.33 320	P	PKIKP	09 54 43.8	+1.0
RAZZ	Razgrad	143.43 317	P	PKIKP	09 54 34.9	+8.4
ARR	Arges	143.68 321	P	PKPbc	09 54 31.6	+0.5
DRGR	Drarg	143.97 324	P	PKPbc	09 54 31.7	-0.2
OOST	Ostas	144.55 334	P	PKPpdf	09 54 34.6	+0.3
OOST	Ostas	144.55 334	P	PKPpdf	09 54 34.5	+0.4
MORC	Moravsky Berou	144.66 332	P	PKPbc	09 54 34.0	+0.4
MORC	Moravsky Berou	144.66 332	P	PKPbc	09 54 34.0	+0.3
DPD	Dobruska-Polom	144.66 333	P	PKPbc	09 54 34.5	+0.5
UPC	Upice	144.67 334	P	PKPbc	09 54 41.2	+0.5
UPC	Upice	144.67 334	P	PKPbc	09 54 40.4	+0.5
KRLC	Kraliky	144.68 333	P	PKPbc	09 54 43.2	+0.2
PLVB	Pleven	144.72 318	P	PKPpdf	09 54 53.3	+0.0
GZR	Gura Zlata	144.75 322	P	PKPbc	09 54 34.8	+0.4
YHRS	Yhris	144.86 322	P	PKPpdf	09 54 35.6	+0.0
SYRR	Syrine	144.88 329	P	PKPpdf	09 54 35.4	-0.1
EKA	Eskdalemuir Ar	145.33 332	P	PKPab	09 54 34.1	-0.6
JAVC	Velka Javorina	145.17 331	P	PKPpdf	09 54 37.3	+1.2
CLL	Colim	145.21 337	P	PKPpdf	09 54 35.8	-0.1
CLL	comp=Z,1.2nm,0.9s		i		09 54 42.6	
BRG	Berggiesshubel	145.21 336	i	PKPpdf	09 54 36.2	+0.3
BRG	comp=Z,2.8nm,1.0s		Amp		09 54 37.1	
BRG	comp=Z,1.5nm,1.3s		ex	x	09 54 43.1	
BRG	comp=Z,1.5nm,1.3s		ex	x	09 54 44.2	
BRG	comp=Z,2.3nm,1.4s		ex	x	09 54 48.9	
BRG	comp=Z,2.3nm,1.4s		ex	x	09 54 49.9	
BZS	Buzias	145.28 323	P	PKPpdf	09 54 36.7	+0.4
VRAC	Vranov	145.33 332	P	PKPpdf	09 54 36.9	+0.7
VRAC	Vranov	145.33 332	P	PKPpdf	09 54 36.8	+0.6
VRAC	Vranov	145.33 332	P	PKPpdf	09 54 36.7	+0.7
SMOL	Smolenice	145.53 330	P	PKPab	09 54 38.1	+1.1
KRUC	Moravsky	145.60 332	P	PKPab	09 54 37.3	+0.1
KRUC	Moravsky	145.60 332	P	PKPab	09 54 37.3	+0.1
PRU	Pruhonic	145.68 335	P	PKPbc	09 54 43.0	-0.1
MDS	Miodra-Piesok	145.72 337	P	PKPbc	09 54 47.1	+0.1
MDVR	Moldovita	145.72 332	P	PKPbc	09 54 37.3	-0.2
PBC	Pribram	146.13 335	P	PKPab	09 54 38.9	-0.3
MORH	Mrgy, Hungary	146.51 326	P	PKPbc	09 54 40.2	+0.4
FRGS	Fruska Gora	146.57 324	P	PKPbc	09 54 40.5	+0.5
CONA	Conrad Observa	146.67 331	P	PKPab	09 54 41.0	-0.5
CONA	comp=Z,6.3nm,1.0s		i		09 54 40.3	+0.1
CKRC	Cesky Krumlov	146.68 333	P	PKPbc	09 54 46.8	
KKRC	Kasperske Hory	146.74 334	P	PKPpdf	09 54 39.4	+0.7
KHC	KHC	146.74 334	P	PKPbc	09 54 47.6	
GERES	GERESS Array B	146.91 334	P	PKPbc	09 54 40.9	-0.1
ARSA	Arzberg	147.33 330	P	PKPbc	09 54 42.7	+0.5
MOA	Molin	147.44 332	P	PKPbc	09 54 42.5	+0.1
SOKA	Sotho	149.37 330	P	PKPbc	09 54 43.5	-0.5
PDG	Podgorica	148.54 320	P	PKPbc	09 54 44.4	-1.0
MYKA	Myrica	148.65 331	P	PKPbc	09 54 44.8	-0.9
WATA	Walderalm	148.98 334	P	PKPbc	09 54 45.8	-0.7
WTTA	Wattenberg	149.01 334	P	PKPbc	09 54 46.4	-0.4
ABTA	Abfattersbach	149.05 333	P	PKPbc	09 54 45.6	-1.2
MOTA	Moosalm	149.16 335	P	PKPbc	09 54 46.6	-0.5
REUTE	Reutte	149.18 335	P	PKPbc	09 54 46.6	-0.5
SQTA	Sankt Quirin	149.22 335	P	PKPbc	09 54 47.1	-0.1
FETA	Feichten	149.37 335	P	PKPbc	09 54 48.1	-0.1
FETA	comp=Z,5.2nm,0.9s,SNR=7.7		i		09 54 48.1	-0.1

IDC 08 09 35:24.5:2.0,0.52N-126.49E,h0km,mb3.1/3,
 mb1 3.3/3,mb1mx3.2/44,mbtmp3.1/3,MS3.1/2,MS1 3.1/2,
 ms1mx2.5/18,Error ellipse: s-maj=177.2km
 s-min=25.5km az=65.0, Northern Molouca Sea

Code	Station Name	° AZ	Phase ID	Time Res	h m s	ISC
WRA	Warramunga Arr	21.74 160	Op	P	09 40 17.2	-0.5
ASAR	Alice Springs	25.09 164	P	P	09 40 51.5	+0.3
PSI	Prapat	27.65 275	LR	LR	09 52 50.2	
JCJ	Chichijima	30.42 28	LR	LR	09 53 40.5	
MJAR	Makanchi Array	60.06 326	P	P	09 45 33.4	-0.1
MJAR	comp=Z,0.2nm,0.6s,baz=126,slow=7.3	SNR=3.1	LR	LR	09 45 33.4	-0.1

IDC 08 09 35:54.5:28.0,17.37S-174.14W,h0km,mb4.2/4,
 mb1 4.3/4,mb1mx3.9/39,mbtmp4.2/4,Error ellipse:
 s-maj=564.9km s-min=151.4km az=87.0, Tonga Islands

Code	Station Name	° AZ	Phase ID	Time Res	h m s	ISC
STKA	Stephens Creek	42.46 242	P	P	09 43 52.2	+0.8
WRA	Warramunga Arr	48.73 258	P	P	09 44 41.0	-0.4
ASAR	Alice Springs	48.85 254	P	P	09 44 41.8	-0.4
FITZ	Fitzroy Crossi	57.13 259	P	P	09 45 43.2	-0.2
FITZ	comp=Z,1.9nm,0.8s,baz=126,slow=7.4	SNR=5.0	LR	LR	09 45 43.2	-0.2

ellipse: s-maj=9.9km s-min=1.2km az=106.0
 ISK 08 09 36:24.5,37.18N-30.04E,h5km,ML3.7/25
 DDA 08 09 36:25.8,37.18N-30.05E,h4km,ML3.9
 NIC 08 09 36:31.1,37.18N-29.95E,h18km,ML3.9/3
 IDC 08 09 36:33.1,1.6,37.09N-30.32E,h60km,17km,mb3.6/8,
 mb1 3.8/13,mb1mx3.6/50,mbtmp3.9/13,MS3.1/9,
 MS1 3.1/9,ms1mx2.8/59,Error ellipse: s-maj=16.6km
 s-min=1.4km az=133.0
 ISC 08 09 36:25.8:1.1,37.16N-0.02-30.05E:0.02,h3km,8km,
 n132,±145/158,mb3.7/8,MS3.2/4,14C-5D, Turkey

Code	Station Name	° AZ	Phase ID	Time Res	h m s	ISC
KORT	Korkuelli	0.28 123	PG	Pg	09 36 31.6	+0.2
KORT	Korkuelli	0.28 123	PG	Pg	09 36 31.6	+0.2
KORT	Korkuelli	0.28 123	PG	Pg	09 36 31.6	+0.2
GOLH	Golhisar	0.40 282	i	Sg	09 36 33.5	-0.1
GOLH	Golhisar	0.40 282	i	Sg	09 36 33.5	-0.1
ELL	Elmalı	0.42 196	PG	Pg	09 36 33.9	-0.1
ELL	Elmalı	0.42 196	PG	Pg	09 36 33.9	-0.1
ELL	Elmalı	0.42 196	PG	Pg	09 36 33.9	-0.1
BUCA	Burdur, Bucak-	0.44 67	i	Sg	09 36 33.8	-0.5
BUCA	Burdur, Bucak-	0.44 67	i	Sg	09 36 33.8	-0.5
BCK	Bucak	0.52 54	PG	Pg	09 36 40.6	+0.6
BRDR	Burdur-Merkez	0.54 1	PG	Pg	09 36 35.4	-0.8
BRDR	Burdur-Merkez	0.54 1	PG	Pg	09 36 35.4	-0.8
ANTB	Antalya	0.54 118	PG	Pg	09 36 42.8	-0.4
ANTB	Antalya	0.54 118	PG	Pg	09 36 42.8	-0.4
CABL	Denizli, Camel	0.59 267	i	Pg	09 36 36.8	-0.4
CEMT	Central-ANTALYA	0.59 267	i	Pg	09 36 36.8	-0.4
BASM	Basmakli-Afyon	0.76 360	PG	Pg	09 36 40.2	-0.3
BASM	Basmakli-Afyon	0.76 360	PG	Pg	09 36 40.2	-0.3
ISP	Isparta	0.76 29	PG	Pg	09 36 51.4	+1.1
ISP	Isparta	0.76 29	PG	Pg	09 36 51.4	+1.1
AKUM	Antalya-Kumluç	0.86 164	P	Sg	09 36 51.6	+1.2
AKUM	Antalya-Kumluç	0.86 164	P	Sg	09 36 51.6	+1.2
FEY	Feyziye	0.94 22	P	Sg	09 36 43.4	-1.5
TAVA	DENIZLI_Tavas	0.96 289	i	Pg	09 36 43.0	-1.3
AKAS	AKAS Kas	0.99 201	PG	Pg	09 36 45.1	-0.6
AKAS	AKAS Kas	0.99 201	PG	Pg	09 36 45.1	-0.6
BAGO	Egridir - ISPA	1.02 35	i	Pg	09 36 44.4	-1.0
BAGO	Egridir - ISPA	1.02 35	i	Pg	09 36 44.4	-1.0
KZIO	Kizilirmak	1.10 4	P	Pg	09 36 56.1	+1.3
KZIO	Kizilirmak	1.10 4	P	Pg	09 36 56.1	+1.3
DALY	Dalyan (Mula)	1.17 254	PN	Pn	09 36 47.5	-0.7
DALY	Dalyan (Mula)	1.17 254	PN	Pn	09 36 47.5	-0.7
DALY	Dalyan (Mula)	1.17 254	PN	Pn	09 36 47.5	-0.7
KHL	Karahalli	1.24 340	PN	Pn	09 36 48.9	-0.7
KEPZ	Antalya-Kepez	1.27 101	P	Pg	09 36 49.5	-0.5
KHAL	Karahalli	1.29 340	P	Pg	09 36 50.3	-0.3
KHAL	Karahalli	1.29 340	P	Pg	09 36 50.3	-0.3
KHAL	Karahalli	1.29 340	P	Pg	09 36 50.3	-0.3
MUGLA	Mugla, Merkez-	1.39 275	P	Pg	09 37 08.4	+0.6
MUGLA	Mugla, Merkez-	1.39 275	P	Pg	09 37 08.4	+0.6
MUGLA	Mugla, Merkez-	1.39 275	P	Pg	09 37 08.4	+0.6
SEDI	Konya, Seydisse	1.39 77	i	Sb	09 37 11.7	+0.7
SEDI	Konya, Seydisse	1.39 77	i	Sb	09 37 11.7	+0.7
SEDI	Konya, Seydisse	1.39 77	i	Sb	09 37 11.7	+0.7
YER	Yerkesik	1.42 270	P	Pb	09 37 56.1	+0.5
YER	Yerkesik	1.42 270	P	Pb	09 37 56.1	+0.5
YER	Yerkesik	1.42 270	P	Pb	09 37 56.1	+0.5
YER	Yerkesik	1.42 270	P	Pb	09 37 56.1	+0.5
SHUT	Suhut-Afyon	1.45 16	PN	Pn	09 36 52.6	-0.4
YVAC	Isparta, Yalva	1.46 40	i	Sg	09 36 53.0	-0.1
YVAC	Isparta, Yalva	1.46 40	i	Sg	09 36 53.0	-0.1

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Suao, Yonaguni jima, Ruisui, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ALS, WJS Zhushan, WJS, etc.

JMA 08 11:27:30.5±0.2, 23.88N, 122.29E, h13km, 4km, M2.4
TAP 08 11:27:31.0, 23.98N, 122.33E, h27km, M2.8, C
ISC 08 11:27:31.1, 23.94N, 122.27E, 0.02, h24km, 13km, M2.0, 48/87, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like HWA Hwaiien, TWD Chiawan, TWD, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like WFSB Wu-fen Shan, WFSB, SSLB Suanglung, etc.

STR 08 11:51:17.8±0.8, 46°N, 122°E, h8km, ML1.9/7,
smi:scs/0.6/LOCASAT earthModelID
smi:scs/0.6/alpes_taup-2.11 preliminary
ZUR 08 11:51:17.7, 45.60N, 6.95E, h2km, MLh1.8/14, Error
ellipse: s-maj=4.2km s-min=0.9km az=224.0
ROM 08 11:51:17.2±0.2, 45.59N, 0.02±6.97E, 0.03, h14km, 4km,
ML1.8/2, Error ellipse: s-maj=2.1km s-min=1.4km
az=132.0
GEN 08 11:51:17.3, 45.61N, 6.94E, h3km, 2km, M1.9
LDG 08 11:51:17.4±0.0, 45.60N, 6.96E, h2km, M2.4/2, M2.6/18,
Error ellipse: s-maj=0.8km s-min=0.6km az=97.0
ISC 08 11:51:17.6±0.8, 45.80N, 0.01±6.94E, 0.02, h13km, 5km,
n66, c111/20, 19C, France

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like LPG La Plagne, LPL La Plagne, LSD Lago del Serru, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and Signal Quality. Includes stations like MMK Mattmark, OGSM Saint Maurice, and ORIF Oris-en-Rattie.

IDC 08 12:19:36.3-1.8, 13.525x166.65E, h0km, mb3.75, mb1 3.9/6, mb1mx3.6/4.1, mbtmp4.3/6.6, ML3.0/1, MS3.6/3, Ms1 3.6/3, ms1mx3.0/2.7, Error ellipse: s-maj=51.91km s-min=31.8km az=122.0

ISC 08 12:19:41.9-1.3, 13.650x166.7E, 0.3, h39km, n8, #15137, mb3.6/5, MS3.3/3, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and Signal Quality. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, and ASAR Alice Springs.

IDC 08 12:19:41.2-2.5, 14.747N-91.90W, h22km, 14km, mb4.2/17, mb1 4.4/19, mb1mx4.2/4.3, mbtmp4.4/19, ML4.6/2, MS3.2/10, Ms1 3.2/10, ms1mx3.0/3.1, Error ellipse: s-maj=31.7km s-min=10.6km az=53.0

MEX 08 12:19:46.6-2.9, 14.414N-92.63W, h80km, MD4.5, SNET 08 12:19:48.6-1.6, 14.30N-92.18W, h40km, 816km, ML4.3, UCR 08 12:19:48.6-1.4, 14.35N-92.44W, h40km, ML4.0, mb4.6(NEIC)

NEIC 08 12:19:49.1-3.3, 14.65N-0.07-92.45W-0.07, h86km, 6km, Error ellipse: s-maj=11.8km s-min=7.8km az=221.0

GCG 08 12:19:51.4-0.5, 14.121N-92.23W, h86km, 866km, MD4.4, ISC 08 12:19:46.3-0.7, 14.50N-92.53W-0.04, h70km, 63km, n435, #1699/467, mb4.6/80, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and Signal Quality. Includes stations like THIG Thiering, RETI Retalhuleu, and FUG Fuego 3.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and Signal Quality. Includes stations like TGIG Tiguilla, MARMOL Marmol, and CERRO VERDE Cerro Verde.

IDC 08 12:20:23.2+0.6, 23.434E, Pn, 12 20 23.2+0.6

ISC 08 12:20:23.2+0.6, 23.434E, Pn, 12 20 23.2+0.6

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and Signal Quality. Includes stations like WJAR Waverly Hall, NORC Norcasia, and BBAC Balboa, Cauca.

IDC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

ISC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

IDC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

IDC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and Signal Quality. Includes stations like WJAR Waverly Hall, NORC Norcasia, and BBAC Balboa, Cauca.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and Signal Quality. Includes stations like WJAR Waverly Hall, NORC Norcasia, and BBAC Balboa, Cauca.

IDC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

ISC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and Signal Quality. Includes stations like WJAR Waverly Hall, NORC Norcasia, and BBAC Balboa, Cauca.

IDC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

ISC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

IDC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

IDC 08 12:20:36.4+1.1, 12.21 36.4+1.1, Pn, 12 20 36.4+1.1

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and Signal Quality. Includes stations like WJAR Waverly Hall, NORC Norcasia, and BBAC Balboa, Cauca.

8d 12h

TKL	comp=Z,12nm,0.8s,baz=188,slow=13,SNR=12	LR	LR	12 34 33.6	
TKL	comp=Z,50nm,18.6s,baz=231,slow=40	P	P	12 24 39.0 -1.0	
TKL	Tuckaleechee C	22.49	19	P	12 24 41.1
PTGC	comp=Z,27nm,1.1s	I	Amb		
MGMO	Puerto Gaitan,	22.55	115	eP	12 24 40.6 -0.3
PTLC	Mountain Grove	22.57	1	P	12 24 39.7 -1.2
T35A	Puerto Leguiza	22.61	128	eP	12 24 42.6 +1.3
T45A	Sooner Cattie	22.70	8	P	12 24 38.6 -2.7
121A	Paduach	22.70	8	P	12 24 41.0 -1.2
121A	Cookes Peak, D	22.71	325	P	12 24 44.7 +2.1
121A	baz=138,SNR=12				
121A	Cookes Peak, D	22.71	325	P	12 24 44.4 +1.8
121A	comp=Z,28nm,0.9s	I	Amb	12 25 02.7	
V52A	Sevierville	22.72	19	P	12 24 40.7 -1.8
V52A	comp=Z,33nm,0.9s	I	Amb	12 24 43.0	
U49A	Red Boiling Sp	22.74	14	P	12 24 40.6 -2.1
319A	Douglas	22.76	320	P	12 24 43.5 +0.5
319A	comp=Z,17nm,0.9s	I	Amb	12 25 11.4	
V53A	Saluda	22.82	21	P	12 24 42.9 -0.6
V53A	comp=Z,12nm,0.8s	I	Amb	12 25 10.4	
KAN13	South Haven SW	22.86	350	P	12 24 41.5 -2.4
KAN13	comp=Z,15nm,0.7s	I	Amb	12 24 42.7	
KMSC	Kings Mountain	22.90	24	P	12 24 43.5 -0.8
KMSC	baz=208,SNR=6.3				
KMSC	Kings Mountain	22.90	24	P	12 24 42.9 -1.4
KMSC	comp=Z,18nm,0.8s	I	Amb	12 24 44.3	
T47A	Sharon Grove	22.92	11	P	12 24 42.5 -1.9
KAN01	Angora South	23.04	349	P	12 24 43.9 -1.8
KAN01	comp=Z,21nm,0.8s	I	Amb	12 24 45.0	
S39A	Bolivar	23.11	358	P	12 24 43.8 -2.6
S39A	comp=Z,29nm,1.2s	I	Amb	12 24 46.8	
W56A	Indian Trail	23.20	26	P	12 24 46.1 -1.1
S44A	Carbondale	23.29	7	P	12 24 46.9 -1.2
SIUC	Southern Hill	23.31	7	P	12 24 46.5 -1.8
BNN	Barren Site	23.36	329	P	12 24 51.0 +2.0
TZTN	Tazewell	23.38	18	P	12 24 48.2 -0.7
TZTN	baz=202,SNR=13				
TZTN	Tazewell	23.38	18	P	12 24 46.9 -2.1
Y22D	IRIS PASSCAL I	23.44	329	P	12 24 53.5 +3.7
Y22D	baz=142,SNR=5.1				
Y22D	IRIS PASSCAL I	23.44	329	P	12 24 50.2 +2.2
150A	Nancy	23.46	16	P	12 24 48.1 -1.6
CCM	Cathedral Cave	23.49	3	P	12 24 47.5 -2.5
CCM	baz=183				
CCM	Cathedral Cave	23.49	3	P	12 24 47.0 -3.0
CCM	comp=Z,11nm,0.8s	I	Amb	12 24 50.6	
V55A	Taylorsville	23.56	23	P	12 24 49.2 -1.4
V55A	comp=Z,16nm,0.8s	I	Amb	12 24 50.8	
R40A	Maddies Statio	23.70	1	P	12 24 49.1 -2.8
USIN	University of	23.77	10	P	12 24 50.7 -1.8
V56A	Mocksville	23.81	25	P	12 24 51.6 -1.3
V56A	baz=210,SNR=6.0				
ANMO	Albuquerque	23.92	331	P	12 24 55.9 +1.8
ANMO	comp=Z,9.9nm,0.7s,baz=150,slow=11,SNR=37				
ANMO	Albuquerque	23.92	331	P	12 24 56.4 +2.3
ANMO	baz=144				
ANMO	Albuquerque	23.92	331	P	12 24 55.3 +1.2
ANMO	Nelsons Funny	23.93	22	P	12 24 52.5 -1.5
ANMO	baz=206				
SLM	Saint Louis	24.13	4	P	12 24 54.1 -1.5
SLM	comp=Z,24nm,0.8s	I	Amb	12 24 56.4	
V57A	Coltrane Farms	24.18	26	P	12 24 54.5 -1.7
V57A	baz=211,SNR=7.7				
WCI	Wyandotte Cave	24.28	12	P	12 24 55.5 -1.5
WCI	baz=194				
WCI	Wyandotte Cave	24.28	12	P	12 24 56.2 -0.8
U66A	King	24.32	24	P	12 24 56.7 -0.8
U66A	baz=209,SNR=5.6				
U66A	King	24.32	24	P	12 24 55.9 -1.6
U66A	comp=Z,22nm,0.9s	I	Amb	12 24 57.8	
TUC	Tucson	24.33	320	P	12 25 00.9 +3.2
TUC	baz=132				
TUC	Tucson	24.33	320	P	12 25 00.6 +2.9
S51A	Beattyville	24.38	17	P	12 24 56.3 -1.7
S51A	comp=Z,22nm,0.8s	I	Amb	12 24 58.7	
R32A	Long Quarter,	24.45	348	P	12 24 57.3 -1.3
R32A	comp=Z,19nm,0.7s	I	Amb	12 25 00.1	
Q44A	Meyer Farm, Va	24.51	7	P	12 24 58.0 -1.1
Q44A	comp=Z,25nm,0.8s	I	Amb	12 25 00.5	
R49A	Shelbyville	24.58	14	P	12 24 57.7 -2.1
R49A	comp=Z,18nm,0.8s	I	Amb	12 25 00.0	
KSU1	Kansas State U	24.77	352	P	12 25 00.6 -1.0
KSU1	baz=170				
KSU1	Kansas State U	24.77	352	P	12 24 59.8 -1.7
R50A	Paris	24.78	16	P	12 25 00.4 -1.2
R50A	comp=Z,19nm,0.8s	I	Amb	12 25 02.4	
U57A	Blanch	24.83	26	P	12 25 01.0 -1.1
U57A	baz=211				
T25A	Trinidad	24.91	337	P	12 25 04.9 +1.8
P40A	Paris	24.94	1	P	12 25 00.6 -2.5
P40A	baz=151,SNR=24				
CBKS	Cedar Bluff	25.05	347	P	12 25 05.0 +0.9
CBKS	baz=163				
CBKS	Cedar Bluff	25.05	347	P	12 25 02.7 -1.4
CBKS	comp=Z,17nm,0.8s	I	Amb	12 25 06.2	
P38A	Dawn	25.05	358	P	12 25 02.1 -2.0
T56A	Rocky Mt	25.05	24	P	12 25 02.6 -1.5
BLO	Bloomington	25.14	11	P	12 25 02.9 -2.0
BLO	comp=Z,21nm,0.8s	I	Amb	12 25 06.1	
S54A	Dingess, Beckl	25.21	21	P	12 25 04.4 -1.6
S54A	baz=206				
T57A	Hur	25.34	25	P	12 25 05.8 -1.0
X18A	Snowflake	25.40	325	P	12 25 09.2 +1.7
P46G	Rosedale	25.46	10	P	12 25 05.5 -1.3
SJG	San Juan	25.56	78	LR	12 24 10.8
P48A	Milroy	25.64	13	P	12 25 06.6 -2.8
P48A	comp=Z,19nm,0.7s	I	Amb	12 25 10.1	
ATAH	Atahualpa	25.66	146	P	12 25 09.9 -0.3
ATAH	comp=Z,11nm,0.7s,baz=325,slow=11,SNR=4.8				
Q51A	Peebles	25.74	17	P	12 25 09.3 -1.1
SDCO	Grant Sand Dun	25.86	336	P	12 25 13.7 +1.8
SDCO	baz=150,SNR=10				
SDCO	Grant Sand Dun	25.86	336	P	12 25 13.1 +1.3
KSCO	Kaye Shedlock	25.99	342	P	12 25 13.5 +0.7
KSCO	baz=157				
KSCO	Kaye Shedlock	25.99	342	P	12 25 13.1 +0.3
KSCO	comp=Z,12nm,0.8s	I	Amb	12 25 13.9	
Q52A	Bidwell	26.00	18	P	12 25 11.3 -1.3
Q52A	comp=Z,27nm,1.1s	I	Amb	12 25 15.4	
HDL	Hopedale	26.12	6	P	12 25 11.6 -2.2
Q53A	Leroy	26.14	20	P	12 25 13.8 -1.2
Q53A	baz=204				
X16A	Lo Mia Camp, P	26.18	323	P	12 25 16.4 +1.8
N38A	Joies South For	26.21	359	P	12 25 12.5 -2.1
N38A	comp=Z,24nm,1.1s	I	Amb	12 25 14.2	
SFIN	Lafayette	26.22	9	P	12 25 13.4 -1.3
SFIN	baz=192,SNR=5.0				
SFIN	Lafayette	26.22	9	P	12 25 13.7 -1.0
SFIN	comp=Z,14nm,0.7s	I	Amb	12 25 14.2	
P51A	Williamsport	26.25	17	P	12 25 14.4 -0.5
S22A	4UR Ranch, Cre	26.41	334	P	12 25 19.0 +2.2
S22A	baz=147,SNR=20				
P52A	Corning	26.66	18	P	12 25 17.0 -1.6
P52A	baz=202				

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MVCO	Mesa Verde	26.72	331	P	P	12 25 22.4 +2.9
MVCO	baz=143,SNR=29					
MVCO	Mesa Verde	26.72	331	P	P	12 25 21.7 +2.2
R58B	Mineral	26.74	26	P	P	12 25 18.0 -1.4
R57A	Stardenville	26.75	25	P	P	12 25 18.0 -1.4
WUAZ	Wupatki	26.92	324	P	P	12 25 23.3 +2.1
WUAZ	baz=136					
WUAZ	Wupatki	26.92	324	P	P	12 25 22.0 +0.8
Q56A	Snyder Ridge,	27.13	23	P	P	12 25 22.1 -0.8
Q56A	baz=209					
R59A	King George, V	27.27	27	P	P	12 25 23.9 -0.2
R59A	baz=211					
PV01	Paradox Valley	27.50	332	P	P	12 25 27.9 +1.4
PV01	comp=Z,31nm,1.8s	I	Amb	12 25 30.9		
PCRV	Puerto La Cruz	27.57	96	P	P	12 25 23.7 -3.5
PCRV	comp=Z,2.9nm,0.5s,baz=14,slow=13,SNR=1.4					
PV13	Radium Mtn., P	27.64	332	P	P	12 25 29.4 +1.7
PV13	comp=Z,26nm,1.2s	I	Amb	12 25 31.7		
PV02	Paradox Valley	27.64	332	P	P	12 25 28.7 +1.0
PV02	baz=211					
ISCO	Idaho Springs	27.70	338	P	P	12 25 31.7 +3.4
ISCO	comp=Z,20nm,1.2s	I	Amb	12 25 32.0		
ISCO	Idaho Springs	27.70	338	P	P	12 25 29.5 +1.2
PV18	Idaho Springs	27.70	338	P	P	12 25 40.1 +1.5
PV18	Skein Mesa, Pa	27.75	332	I	Amb	12 25 32.5
P57A	Homestead Farm	27.97	24	P	P	12 25 29.7 -0.7
P57A	baz=211					
N54A	Moraine State	28.54	20	P	P	12 25 34.1 -1.4
N54A	baz=206					
P59A	Jarrettsville	28.74	26	P	P	12 25 36.3 -0.8
P59A	baz=214					
KNB	Kanab	28.81	325	P	P	12 25 38.8 +1.7
KNB	comp=Z,18nm,1.9s	I	Amb	12 25 51.4		
Q20A	White River Ci	29.01	335	P	P	12 25 41.9 +2.0
Q20A	baz=14					
Q20A	White River Ci	29.01	335	P	P	12 25 41.0 +1.1
SRU	San Rafael Swe	29.20	330	P	P	12 25 43.8 +2.3
MTPU	Mount Pierson	29.21	327	P	P	12 25 43.1 +1.2
ECSD	EROS Data Cent	29.35	354	P	P	12 25 40.6 -2.0
ECSD	comp=Z,20nm,1.9s	I	Amb	12 25 45.2		
SZCU	Shurtz Canyon	29.37	325	P	P	12 25 43.9 +0.8
CCUT	Cedar City	29.49	325	P	P	12 25 46.1 +1.9
MSU	Marysville	29.56	328	P	P	12 25 46.4 +1.6
CZSB	Cruzeiro do Su	29.57	137	eP	P	12 25 45.8 +1.0
MVU	Madison River	29.57	328	P	P	12 25 47.5 +2.6
MVU	comp=Z,15nm,0.9s	I	Amb	12 25 49.0		
P17A	Butcher Ranch,	29.59	331	P	P	12 25 46.5 +1.6
P17A	baz=14					
TMUT	Trail Mountain	29.67	330	P	P	12 25 47.4 +1.5
SHPR	Sheep Range	29.82	321	P	P	12 25 49.4 +2.4
M57A	Sunshine Farm,	29.91	24	P	P	12 25 45.7 -1.8
M57A	baz=211					
M58A	Price's Panora					

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 022K Cooper Landing, 123K Minto, Yukon-K, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TDK TDK, SHLS Shalcode, SHLS Shalcode, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like YKA comp=Z,2.6nm,0.6s, etc.

8d 12h

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TLBR Topalu, LANS Liptovska Anna, etc.

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Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SFTA Sankt Quirin, FNQ Franklin, HDL Hopdale, etc.

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Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like HKT comp=Z,8.0nm,1.5s, Q53A Leroy, N57A Milroy, etc.

Table with columns: SANI, SANI, Sanana, 6.55 86 P, Pn, 15 10 40.8 -2.3, etc. Lists various satellite stations and their coordinates.

Table with columns: WB2, Warramunga Arr, 22.64 141 P, P, 15 14 06.2 -1.4, etc. Lists satellite stations and their coordinates.

Table with columns: KMI, comp=Z,3um,19.0s, LR, LR, 15 16 06.2 -0.7, etc. Lists satellite stations and their coordinates.

8d 15h

Table with columns: TIAR, TIARE, 32.62 67 eP, P, 15 28 23.0 +1.0, etc. Lists various stations and their parameters.

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Table with columns: I04A, Tendick Farm, 94.15 38 P, P, 15 35 05.3 +1.0, etc. Lists various stations and their parameters.

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Table with columns: H61A, Lyndonville, 125.67 56 P, PKIKP, 15 40 46.1 0.0, etc. Lists various stations and their parameters.

IDC 08 15:26:38.27.2, 55.495x127.79W, h0km, mb3.8/4, mb1 4.1/4, mb1m3.9/38, mbtmt3.6/4, Error ellipse: s-maj=498.0km s-min=42.7km az=138.0,

Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc. Lists station codes and names.

IDC 08 15:40:32.0.11.0, 2.09N x 128.34E, h170km, 113km, mb3.2/6, mb1 3.3/6, mb1m3.3/35, mbtmt3.6/6, Error ellipse: s-maj=100.8km s-min=19.7km az=62.0,

limatara

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc. Lists station codes and names.

8R 16h

Table with columns: KRNR, Karanay, 0.48, 32, I, Pg, Pg, 16 34 42.5 -0.4, etc.

NEIC 08 16:35:01.1+17.52:54N,0:09:175.87W,0:08, h174km,mb,4.3/103,ML4.1/47(AEIC), Error ellipse: s-maj=13.7km s-min=5.6km az=158.0, confirmed

AEIC 08 16:35:02.2+2.52:2N,0:1:175.70W,0:08,1175km,4km, Error ellipse: s-maj=18.5km s-min=6.0km az=167.0, confirmed

IDC 08 16:35:03.2+1.6,52:72N,175:92W,h195km,15km, mb3.7/23,mb1.3,3/29,mb1mx3.6/2,mbtmp4.2/26, Error ellipse: s-maj=17.7km s-min=7.0km az=178.0

ISC 08 16:35:00.1+0.4,52:61N,0:08:175.88W,0:04,h165km, n280,r1928/291,mb4.3/67,Andover Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

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Main station list table with columns: IL18, Eielson Array, 19.18, 39, P, P, 16 39 11.8 +1.1, etc.

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Main station list table with columns: BGU, Big Grassy Mtn, 43.27, 80, P, P, 16 42 46.1 +0.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Yellville, Lake Whitney, Mount Ida, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CN2, SNY, SHENYANG, etc.

TDCB	S	Sb	18 36 04.9 -0.5
NNS	0.56 332	i P	Pb 18 35 57.1 -0.7
NNS	baz=333	i S	Sb 18 36 05.0 -0.6
WPL	0.64 276	P	Pb 18 35 58.7 -0.4
WPL	baz=274	e S	Sn 18 36 08.0 -0.7
SSLB	0.66 256	P	Pb 18 35 58.8 -0.7
SSLB	baz=258	S	Sb 18 36 08.0 -0.5
NDT	0.67 349	i P	Pb 18 35 59.0 -0.5
NDT	baz=339	i S	Sb 18 36 08.1 -0.5
EYUL	0.67 208	P	Pb 18 35 59.1 -0.5
DPDB	0.68 278	P	Pn 18 35 59.4 -0.5
DPDB	baz=275	e S	Sb 18 36 08.6 -0.2
TWF1	0.68 209	i P	Pb 18 35 58.5 -1.2
TWF1	baz=217	S	Sb 18 36 08.5 -0.3
TWC	0.68 15	i P	Pb 18 35 59.6 -0.4
TWC	baz=18	S	Sn 18 36 09.4 -0.2
ENTT	0.70 353	i P	Pb 18 35 59.4 -0.7
ENTT	baz=355	S	Sb 18 36 08.9 -0.4
SMLT	0.70 265	i P	Pb 18 35 59.6 -0.4
SMLT	baz=262	i S	Sb 18 36 09.1 -0.3
WHP	0.73 297	i P	Pn 18 36 00.3 -0.4
WHP	baz=302	i S	Sn 18 36 10.1 -0.8
TYC	0.73 267	i P	Pn 18 36 00.1 -0.6
TYC	baz=265	S	Sb 18 36 09.5 -0.9
TWE	0.77 1	i P	Pn 18 36 00.6 -0.6
TWE	baz=356	e S	Sn 18 36 11.7 -0.1
NSK	0.78 339	i P	Pn 18 36 00.6 -0.7
NSK	baz=340	i S	Pb 18 36 10.7 -1.0
WHYT	0.78 251	i P	Sb 18 36 01.7 +0.3
WHYT	baz=251	S	Sn 18 36 11.8 -0.2
YUS	0.79 235	i P	Pb 18 36 01.8 -0.1
YUS	baz=232	i S	Sb 18 36 11.8 -0.7
FULB	0.82 204	i P	Pb 18 36 01.7 -0.3
FULB	baz=214	i S	Sn 18 36 14.0 +1.0
ILA	0.82 6	e S	Sn 18 36 13.8 +0.8
NWLT	0.84 350	i P	Pn 18 36 01.5 -0.7
NWLT	baz=344	i S	Sb 18 36 12.2 -1.3
WJS	0.86 262	i P	Pb 18 36 03.6 +0.8
WJS	baz=260	S	Sb 18 36 15.3 +1.4
CHKT	0.89 198	i P	Pb 18 36 02.8 -0.3
CHKT	baz=182	S	Sb 18 36 15.6 +1.0
ALS	0.89 241	i P	Pb 18 36 03.5 0.0
ALS	baz=229	S	Sb 18 36 15.3 +0.1
WNT	0.89 266	i P	Pb 18 36 03.7 +0.4
WNT	baz=263	i S	Sb 18 36 15.9 +1.0
WNT1	0.90 268	P	Pb 18 36 04.4 +1.0
WNT1	baz=265	S	Sb 18 36 16.8 +1.8
NSTT	0.91 319	i P	Pb 18 36 03.5 -0.1
NSTT	baz=318	i S	Sb 18 36 15.0 -0.3
LIOB	0.91 320	i P	Pb 18 36 03.8 +0.2
LIOB	baz=319	e S	Sb 18 36 15.5 0.0
NTC	0.92 10	P	Pb 18 36 04.4 +0.7
NTC	baz=358	e S	Sb 18 36 16.8 +1.2
TCU	0.92 283	i P	Pb 18 36 04.1 +0.4
TCU	baz=281	i S	Sb 18 36 17.4 +1.8
NSY	0.94 300	i P	Pb 18 36 04.7 +0.6
NSY	baz=298	i S	Sb 18 36 18.3 +1.9
ELDTW	0.96 218	i P	Pn 18 36 03.0 -0.8
ELDTW	baz=210	S	Sn 18 36 15.7 -0.8
CHNS	0.96 249	i P	Pb 18 36 04.9 +0.4
CHNS	baz=247	i S	Sb 18 36 18.4 +1.4
NMLH	0.99 307	P	Pb 18 36 05.7 +0.9
NMLH	baz=305	S	Sb 18 36 18.8 +1.2
WDJ	1.01 293	P	Pb 18 36 05.9 +0.6
WDJ	baz=292	S	Sb 18 36 20.0 +1.8
HSN1	1.01 325	P	Pb 18 36 06.2 +0.9
HSN1	baz=323	S	Sb 18 36 21.2 +2.9
WCHH	1.01 278	i P	Pb 18 36 06.0 +0.6
WCHH	baz=275	S	Sb 18 36 20.0 +1.7
NHHD	1.02 353	i P	Pb 18 36 04.9 -0.5
NHHD	baz=354	S	Sb 18 36 18.4 -0.1
EDH	1.02 199	P	Pn 18 36 04.1 -0.5
EDH	baz=210	S	Sb 18 36 19.0 +0.4
TIPB	1.03 8	i P	Pb 18 36 05.3 -0.4
TIPB	baz=359	e S	Sn 18 36 17.7 -0.6
TWA	1.03 356	i P	Pb 18 36 05.0 -0.7
TWA	baz=346	S	Sb 18 36 18.9 +0.1
TATO	1.04 351	P	Pb 18 36 05.7 0.0
TATO	baz=353	S	Sb 18 36 18.9 0.0
WGK	1.04 256	i P	Pb 18 36 05.8 +0.1
WGK	baz=253	e S	Sb 18 36 20.8 +1.8
SBCB	1.04 324	P	Pb 18 36 06.5 +0.7
SBCB	baz=322	S	Sb 18 36 21.3 +2.2
WDLH	1.06 256	i P	Pb 18 36 06.3 +0.2

WDLH	baz=254	i S	Sb 18 36 21.1 +1.6
HSN	1.06 324	i P	Pb 18 36 06.3 +0.3
HSN	baz=325	i S	Sb 18 36 21.3 +1.7
TAP	1.10 353	e P	Pb 18 36 06.2 -0.5
TAP	baz=354	i S	Sb 18 36 20.5 -0.2
NTY	1.10 343	P	Pb 18 36 07.0 +0.2
NTY	baz=354	S	Sb 18 36 22.2 +1.4
TWB1	1.10 16	P	Pb 18 36 06.0 -0.8
TWB1	baz=33	e S	Sb 18 36 22.8 +2.0
NCUH	1.10 337	i P	Pb 18 36 06.7 -0.2
NCUH	baz=336	i S	Sb 18 36 21.6 +0.7
NCU	1.11 337	P	Pb 18 36 06.9 0.0
NCU	baz=336	i S	Sb 18 36 22.1 +1.1
NWF	1.12 6	i P	Pb 18 36 06.7 -0.6
NWF	baz=354	S	Sb 18 36 22.5 +0.9
WFSB	1.12 6	P	Pb 18 36 06.7 -0.5
WFSB	baz=354	e S	Sb 18 36 21.6 0.0
STYT	1.14 227	i P	Pb 18 36 07.2 -0.2
STYT	baz=220	S	Sb 18 36 22.7 +0.8
TPUB	1.14 236	P	Pb 18 36 07.8 +0.3
TPUB	baz=226	S	Sb 18 36 23.1 +1.1
CHN4	1.14 239	i P	Pb 18 36 07.7 +0.2
CHN4	baz=228	i S	Sb 18 36 24.1 +2.1
LONT	1.14 205	P	Pb 18 36 04.8 -1.6
LONT	baz=190	i P	Pb 18 36 08.8 +1.0
CHN2	1.16 249	i P	Pb 18 36 08.8 +1.0
CHN2	baz=247	S	Sb 18 36 25.1 +2.6
TWS1	1.17 349	i P	Pb 18 36 07.8 -0.2
TWS1	baz=2.0	i S	Sb 18 36 23.8 +1.0
WTP	1.18 234	i P	Pb 18 36 08.4 +0.1
WTP	baz=232	S	Sb 18 36 24.6 +1.4
RLNB	1.19 268	P	Pb 18 36 08.2 0.0
RLNB	baz=278	S	Sb 18 36 24.3 +1.0
WTK	1.19 258	P	Pb 18 36 08.9 +0.6
WTK	baz=256	S	Sb 18 36 24.6 +1.3
TNOU	1.20 5	e P	Pb 18 36 08.8 +0.2
TNOU	baz=350	S	Pb 18 36 08.8 +0.2
CHY	1.22 249	P	Pb 18 36 08.3 -0.4
CHY	baz=247	S	Sb 18 36 25.5 +1.4
NTST	1.23 351	i P	Pb 18 36 07.8 -1.1
NTST	baz=352	i S	Sb 18 36 25.2 +0.7
ANP	1.24 354	i P	Pb 18 36 08.2 -1.0
ANP	baz=355	i P	Pb 18 36 06.2 -1.5
TWG	1.24 206	i P	Pn 18 36 06.4 -2.0
TWG	baz=205	e S	Sb 18 36 06.2 -1.5
TWGBT	1.24 205	P	Pn 18 36 06.2 -1.5
TWGBT	baz=205	e S	Sn 18 36 22.4 -1.0
TWK	1.27 238	i P	Pb 18 36 09.5 -0.2
TWK	baz=225	i S	Sb 18 36 25.8 +1.1
TTN	1.28 202	e S	Sb 18 36 25.2 -0.6
TTN	baz=201	e P	Pn 18 36 07.6 -0.6
LDUT	1.28 188	e P	Pn 18 36 24.2 -0.1
LDUT	baz=178	S	Sn 18 36 10.0 +0.1
CHN1	1.28 234	i P	Pb 18 36 10.5 +0.1
CHN1	baz=232	i S	Sb 18 36 27.5 +1.4
SNST	1.29 236	i P	Pb 18 36 09.7 -0.3
SNST	baz=234	S	Sb 18 36 27.8 +1.7
SGST	1.31 229	i P	Pn 18 36 09.0 +0.3
SGST	baz=227	S	Sb 18 36 27.7 +1.0
SLGT	1.33 225	i P	Pb 18 36 10.9 +0.3
SLGT	baz=224	S	Sb 18 36 29.1 +1.8
WLBG	1.33 250	P	Pb 18 36 09.4 -1.2
WLBG	baz=234	S	Sb 18 36 28.2 +0.9
WSF	1.35 257	i P	Pb 18 36 10.5 -0.6
WSF	baz=255	i S	Sb 18 36 29.7 +1.8
ICHU	1.39 246	P	Pb 18 36 11.3 -0.4
ICHU	baz=244	S	Sb 18 36 29.6 +0.5
ICHU	baz=244	i P	Pb 18 36 11.8 -1.0
CHN8	1.46 246	i P	Sb 18 36 32.4 +1.4
CHN8	baz=244	S	Sb 18 36 34.4 +3.1
ECL	1.49 206	i P	Pn 18 36 09.8 -1.3
ECL	baz=195	e S	Sn 18 36 28.3 -1.2
SCST	1.50 226	e P	Pb 18 36 13.8 +0.2
SCST	baz=225	S	Sb 18 36 34.2 +2.0
SSD	1.52 218	i P	Pb 18 36 13.1 -0.8
SSD	baz=218	S	Sb 18 36 32.7 -0.1
SCLT	1.55 241	e P	Pb 18 36 13.1 -1.3
SCLT	baz=239	S	Sb 18 36 34.2 +0.6
TSMG	1.55 217	P	Pb 18 36 14.1 -0.3
TSMG	baz=218	S	Sb 18 36 34.5 +0.9
IRIF	1.93 78	P	Pn 18 36 18.0 +0.8
IRIF	baz=218	S	Sn 18 36 41.3 +0.8
HATJ	1.97 86	e S	Sn 18 36 41.6 +0.3
JKRS	2.17 82	P	Pn 18 36 20.4 0.0
JKRS	baz=233	S	Sn 18 36 47.0 +0.7
JJI	2.31 79	P	Pn 18 36 48.9 +0.8
JJI	baz=233	S	Sn 18 36 25.2 +0.2
JISG	2.50 75	P	Pn 18 36 54.1 -0.5
JISG	baz=233	S	Sn 18 36 30.8 +0.8
JTJ	2.86 75	P	Sn 18 37 04.4 +1.0
JTJ	baz=233	e S	Sn 18 37 04.4 +1.0

s-maj=15.1km s-min=10.5km az=39.0
 ANF 08 19:00:45.0, 0.7, 44:38N, 114:18W, h5km, ML3.5/8, Error ellipse: s-maj=13.8km s-min=5.3km az=107.0
 BUT 08 19:00:46.3, 1.4, 35N, 0:04, 114:05W, 0.05, h14km, 6km, Md3, 7, ML3.3/68(NEIC), Error ellipse: s-maj=6.7km s-min=4.1km az=136.0
 NEIC 08 19:00:46.6, 1.7, 44:39N, 0:04, 114:08W, 0.04, h5km, 2km, Error ellipse: s-maj=7.5km s-min=3.0km az=139.0
 ISC 08 19:00:45.2, 1.3, 44:39N, 0:03, 114:04W, 0.03, h1km, 13km, n55, r144/61, Western Idaho

Code	Station Name	Δ ^x	Δ ^y	Phase ID	Time Res	ISC
					h m s	ISC
BCYI	Bear Canyon	0.46	99	Op	19 00 54.8	+0.8
HLID	Hailey	0.87	198	P	19 01 01.8	0.0
HLID	baz=18			S	19 01 12.8	-0.2
HLID	Hailey	0.87	198	Sg	19 01 01.6	-0.2
HLID				IAML	19 01 12.4	-0.6
HLID	1μm,0.2s				19 01 15.0	
MCMT	McKenzie Canyo	0.96	62		19 01 04.3	-0.3
DLMT	Dillon	1.42	46		19 01 12.5	+0.1
DLMT				IAML	19 01 32.7	+2.1
DLMT	618nm,0.3s				19 01 34.6	
MFID	Camas Ranch	1.62	234	Pn	19 01 15.1	-0.8
MFID				Sn	19 01 37.2	+0.1
LIRM	Limekiln Ridge	1.82	38		19 01 18.0	+0.1
QLMT	Earthquake Lak	1.92	76		19 01 19.4	+0.3
YHB	Horse Butte	2.06	79		19 01 22.6	-0.9
YHL	Hebgen Lake	2.09	76		19 01 23.1	-0.9
BOZ	Bozeman (W)	2.09	54	P	19 01 22.5	+1.0
BOZ	baz=235			S	19 01 50.9	+0.3
BOZ	Bozeman (W)	2.09	54	IAML	19 01 21.9	+0.5
BOZ	265nm,0.3s				19 01 53.5	
YMR	Madison River	2.22	82		19 01 25.0	-1.1
YHH	Holmes Hill	2.31	79		19 01 26.4	-1.4
YPP	Pitchstone Pla	2.32	92	IAML	19 01 26.4	-1.6
YPP	comp=E,118nm,1.1s				19 01 59.0	
YPP	comp=N,113nm,0.3s			IAML	19 02 01.0	
ECR	Eagle Creek	2.35	124		19 01 26.9	-1.4
BMO	Blue Mountains	2.38	282	Pn	19 01 25.6	+0.3
BMO	comp=N,96nm,0.7s			IAML	19 02 02.0	
MSO	Missoula	2.44	2	P	19 01 26.4	+0.1
MSO	baz=182			S	19 01 57.6	+0.9
MSO	Missoula	2.44	2	IAML	19 01 26.1	-0.1
MSO	comp=N,122nm,0.5s				19 02 05.1	
MSO	comp=N,113nm,0.4s			IAML	19 02 05.4	
MOOW	Moose Ponds	2.46	104	Pn	19 01 27.8	+1.3
H17A	Grant Village	2.48	89	P	19 01 28.2	+1.2
H17A	baz=270			Sn	19 01 28.1	+1.2
REDW	Red Top Meadow	2.52	113	Pn	19 01 27.9	+0.5
REDW				IAML	19 02 04.3	
REDW	comp=N,97nm,0.6s				19 02 08.0	
REDW	comp=N,88nm,0.5s			IAML	19 02 10.7	
SNOW	Snow King Moun	2.55	110		19 01 30.8	-1.0
SNOW	comp=N,88nm,1.0s				19 02 10.7	
SNOW	comp=N,119nm,0.9s			IAML	19 02 17.1	
LOHW	Long Hollow	2.60	106	Pn	19 01 30.0	+1.6
LKWY	Lake	2.61	85		19 01 31.3	-1.6
LKWY	comp=N,82nm,0.7s			IAML	19 02 14.4	
LKWY	comp=N,137nm,0.6s				19 02 14.5	
AHID	Auburn Hatcher	2.68	126	Pn	19 01 30.7	

IDC 08 19:12:28.0.24.0, 30.60S, 180.00E, h259km, 234km, mb2.8/2, mb1.3.3/2, mb1mx3.1/42, mbtmp3.7/3, ML3.4/1, Error ellipse: s-maj=278.5km s-min=54.7km az=13.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like HAZ, PKWG, WMGZ, URZ, etc.

IDC 08 19:13:31.4.2.1, 20.51S, 178.20W, h590km, 21km, mb3.3/10, mb1.3.3/12, mb1mx3.1/47, mbtmp4.3/12, Error ellipse: s-maj=28.8km s-min=17.9km az=13.0

NEIC 08 19:13:32.9.2.3, 20.2S, 0.1x178.5W, 0.2, h599km, 10km, mb4.1/19, Error ellipse: s-maj=23.5km s-min=15.6km az=95.0

ISC 08 19:13:31.8.0.8, 20.3S, 0.1x178.4W, 0.1, h587km, n38, c130/38, mb3.9/19, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MVSF, OSVF, MZU, OUZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like CTAA, TOO, COEN, STKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JAY, WR0, AS31, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like WBD, WR2, WRA, etc.

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

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

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

IDC 08 19:41:35.3.1.4, 31.62N, 49.87E, h0km, mb3.8/7, mb1.3.9/11, mb1mx3.5/47, mbtmp3.9/11, ML3.6/4, Error ellipse: s-maj=28.4km s-min=20.6km az=157.0

TEH 08 19:41:37.5.3.1, 67N, 50.02E, h9km, ML3.8, THR 08 19:41:40.5.0.3, 31.76N, 50.04E, h15km, 5km, ML3.5

ISC 08 19:41:38.7.0.7, 31.65N, 0.04, 49.95E, 0.04, h26km, n59, c170/61, mb3.8/6, 5C-2D, Western Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like AMIS, ABEH, SHK1, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IDC 08 19:51:51.1.632.0, 48.29N, 39.58E, h0km, Error ellipse: s-maj=247.7km s-min=161.2km az=17.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like I43RU, I31KZ, I46RU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like I43RU, I31KZ, I46RU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like I43RU, I31KZ, I46RU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like I43RU, I31KZ, I46RU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like I43RU, I31KZ, I46RU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EL6 Elicito, SENI Senigallia, GAGI Gagliole, CSPI1 Castellalomo, ARVD Arcevia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ANA2 Anatum, GUMO Gumato, GUMO Guam, PATS Polnpei, H11S3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ITM Ithomi, VLI Veliai, VLI Veliai, KTHA Kythira Island, etc.

ADC 08:20:32:17.1, 1.3, 14:84N, 147:19E, h0km, mb3.6/9, mb1.3/8.10, mb1mx3.6/5.1, mbtmp3.7/10, ML3.3/2, MS2.8/1, Ms1.3/2.1, ms1mx2.4/4.4, Error ellipse: s-maj=35.3km s-min=18.9km az=103.0

ADC 08:20:39:09.5, 0.8, 2:55S, 139:94E, h0km, mb3.9/7, mb1.4/2.8, mb1mx3.9/3.6, mbtmp4.0/8, ML4.4/1, MS3.0/8, Ms1.3/0.8, ms1mx2.8/3.8, Error ellipse: s-maj=14.6km s-min=8.9km az=169.0

ADC 08:20:39:13.8, 0.5, 3:5S, 6:14'0E, h27km, 3km, M4.2/7, mb4.4/7.7, ML4.2/4.1, 2:66S, 0:08, 140:19E, 0:06, h35km, 4km, n29, c201/24, mb3.9/6, MS2.7/5, Near north coast of Irian Jaya

ADC 08:20:32:17.1, 1.3, 14:84N, 147:19E, h0km, mb3.6/9, mb1.3/8.10, mb1mx3.6/5.1, mbtmp3.7/10, ML3.3/2, MS2.8/1, Ms1.3/2.1, ms1mx2.4/4.4, Error ellipse: s-maj=35.3km s-min=18.9km az=103.0

Table with columns: MFID, comp=N, 15nm, 1.2s, IAML, 00 57 00.8, SZCU, Shurtz Canyon, 4.78 212, Pn, Pn, 00 55 23.0 -1.0, 00 56 46.4, SZCU, 1.3nm, 0.4s, IAML, 00 56 48.0, CCUT, Cedar City, 4.93 214, Pn, Pn, 00 55 29.1 +3.1, 00 57 07.3, RRSD, Black Hills, 4.96 59, P, Pn, 00 55 26.5 +0.1, RRSD, Black Hills, 4.96 59, Pn, Pn, 00 55 27.1 +0.6, HRY, Holter Researc, 5.18 345, Pn, Pn, 00 55 30.1 +0.8, KNB, Kanab, 5.20 206, Pn, Pn, 00 55 31.0 +1.3, KNB, 2.8nm, 0.9s, IAML, 00 57 01.0, KNB, comp=N, 29nm, 0.9s, IAML, 00 57 15.6, SDCO, Great Sand Dun, 5.24 138, P, Pn, 00 55 29.9 -0.4, SDCO, Great Sand Dun, 5.24 138, P, Pn, 00 55 30.0 -0.4, SDCO, comp=N, 20nm, 1.0s, IAML, 00 57 05.5, SDCO, comp=N, 20nm, 0.9s, IAML, 00 57 05.5, OGNE, Ogallala, 6.00 95, Sb, Sb, 00 57 10.4 +2.0, T25A, Trinidad, 6.26 135, Sb, Sb, 00 57 17.4 +1.4, WUAZ, Wupatki, 6.29 191, Sb, Sb, 00 57 19.2 +2.4, NVAR, Mina Array Bea, 7.20 246, P, Pn, 00 56 03.0 +5.7, NVAR, comp=N, 0.2nm, 0.3s, baz=64, slow=13, SNR=3.6, 00 57 49.5, ANMO, Albuquerque, 7.29 157, Pn, Pn, 00 55 50.6 -7.9, ANMO, comp=N, 0.1nm, 0.3s, baz=339, slow=14, SNR=2.0, 00 57 50.2, ULM, Lac du Bonnet, 12.96 44, Pn, Pn, 00 57 11.8 -4.1, ULM, comp=N, 0.2nm, 0.3s, baz=233, slow=12, SNR=5.6, 01 00 53.0, ULM, comp=N, 0.4nm, 0.3s, baz=232, slow=16, SNR=1.9, 00 57 15.1 -6.4, TXAR, Lajitas Array, 13.36 156, Pn, Pn, 00 57 15.1 -6.4, TXAR, comp=N, 0.1nm, 0.3s, baz=313, slow=13, SNR=8.9, 00 58 04.1 +3.3, TXAR, comp=N, 0.4nm, 0.3s, baz=326, slow=14, SNR=7.1, 01 00 59.2, TXAR, comp=N, 0.0nm, 0.3s, baz=329, slow=27, SNR=1.7, 00 58 51.2 -3.8, DLBC, Dease Lake, 20.99 330, P, Pn, 00 58 51.2 -3.8, YKA, Yellowknife Arr, 21.00 354, P, Pn, 00 58 53.0 -2.0, YKA, comp=N, 0.2nm, 0.4s, baz=161, slow=11, SNR=3.2

NNC 09:00:54:41.5i.3.2.36.06Nk:78.71E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=36.9km s-min=24.1km az=109.0, ISC 09:00:54:47.9i.1.4.36:12Nk:0.09:78.7E:0.2, h35km, nb, z=69/11, 4C-6D, Kashmir-Xinjiang border region

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, ISC, DHRM, DHARAMSHALA, 4.36 208, eP, Pn, 00 55 51.4 +0.5, SMLA, Simla, 5.15 195, eP, Pn, 00 56 04.4 +2.0, MDOK, Medeo, 7.15 350, Pn, Pn, 00 56 30.0 0.0, MDOK, 2.5nm, 0.3s, Lg, Lg, 00 58 29.4, TKM2, Tokmak 2, 7.21 341, Pn, Pn, 00 56 29.7 -1.2, TKM2, 0.9nm, 0.5s, Lg, Lg, 00 58 30.6, PDGK, Podgornoye, 7.22 4, Pn, Pn, 00 56 29.2 -1.8, PDGK, 2.2nm, 0.6s, Lg, Lg, 00 57 56.9 +5.1, PDGK, 5.8nm, 0.8s, Lg, Lg, 00 58 31.7, PDGK, 6.0nm, 0.7s, Lg, Lg, 00 56 29.2 -2.8, AAK, Ala-Archa, 7.29 335, Pn, Pn, 00 56 29.2 -2.8, AAK, 0.8nm, 0.4s, Lg, Lg, 00 58 30.0, MAKZ, Makanchi, 10.95 12, Pn, Pn, 00 57 19.1 -2.8, MAKZ, 1.9nm, 0.6s, Lg, Lg, 00 59 23.7 +0.6, MK31, Makanchi Array, 10.99 13, Pn, Pn, 00 57 20.0 -2.5, MK31, 0.5nm, 0.6s, baz=196, slow=13, SNR=1.1, 00 59 25.0 +0.8, MK31, 0.8nm, 0.6s, baz=197, slow=21, SNR=8.3

IDC 09:00:57:06.7i.1.4.54:29Sx132:37W, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.9/29, mbtmp3.8/4, MS3.6/5, Ms1 3.5/5, ms1mx3.3/19, Error ellipse: s-maj=85.6km s-min=30.8km z=172.0

ISC 09:00:57:08.2i.0.1.54:3S0:5:132:4W:0.2, h10km n29, c=18417, mb3.9/4, MS3.6/7, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, ISC, TBI, Tubuai, 33.48 331, eLR, LR, 01 12 51.2, TBI, comp=N, 132nm, 24.8s, 33.48 331, eLR, LR, 01 39 28.2, PPT2, Papeete2, 38.99 333, eLR, LR, 01 15 21.6, PPT, Papeete, 39.01 333, LR, LR, 01 16 46.2, VAH, Vaihoo, 40.78 337, eT, T, 01 48 33.5, H03S2, Juan Fernandez, 42.31 83, T, T, 01 49 39.8, H03S1, Juan Fernandez, 42.32 83, T, T, 01 49 41.1, H03S3, Juan Fernandez, 42.33 83, T, T, 01 49 40.0, PLCA, Paso Flores, 42.53 98, LR, LR, 01 17 59.4, H03N3, Juan Fernandez, 42.59 83, T, T, 01 49 57.9, H03N2, Juan Fernandez, 42.59 83, T, T, 01 49 52.1, H03N1, Juan Fernandez, 42.60 83, T, T, 01 49 55.9, CPUP, Villa Florida, 60.46 95, P, P, 01 07 19.6 +1.6, CPUP, 1.4nm, 0.8s, baz=234, slow=6.1, SNR=3.3, LR, LR, 01 28 55.0, LPAZ, La Paz, 61.95 79, P, P, 01 07 26.9 -2.1, STKA, Stephens Creek, 62.58 253, LR, LR, 01 30 57.1, H01W1, Cape Leeuwin H, 74.34 232, T, T, 02 31 24.9, H01W2, Cape Leeuwin H, 74.35 232, T, T, 02 31 25.3, H01W3, Cape Leeuwin H, 74.36 232, T, T, 02 31 26.4, WRA, Warramunga Arr, 75.92 256, P, P, 01 08 55.1 0.0, WRA, 0.5nm, 0.8s, baz=138, slow=5.4, SNR=2.6, LR, LR, 01 40 19.5, TXAR, Lajitas Array, 86.93 25, P, P, 01 09 54.0 +0.9, H1S2, WAKE ISLAND Hy, 89.15 304, T, T, 02 49 26.4, H1S3, WAKE ISLAND Hy, 89.16 304, T, T, 02 49 28.4, H1S1, WAKE ISLAND Hy, 89.17 304, T, T, 02 49 26.1, H1N3, WAKE ISLAND Hy, 90.10 305, T, T, 02 50 29.2, H1N1, WAKE ISLAND Hy, 90.11 305, T, T, 02 50 32.9, H1N2, WAKE ISLAND Hy, 90.12 305, T, T, 02 50 31.0, ILAR, Gleason Array, 119.29 353, PKP, PKP, 01 15 56.0 -0.1, SONM, Songo Array, 143.46 285, PKP, PKP, 01 16 41.7 -0.5, MKAR, Rikatan Array, 156.90 265, PKP, PKP, 01 17 33.0 -0.1

NEIC 09:01:12:36.7i.1.4.31:53N:0:02:115:66W:0:02, h13km, 3km, Error ellipse: s-maj=3.8km s-min=1.5km az=49.0, PAS 09:01:12:37.3i.1.4.31:53N:0:01:115:66W:0:02, h14km, 4km, ML3.0/20, ML2.7(EXC), ML2.7/32(NEIC), Error ellipse: s-maj=2.7km s-min=1.8km az=79.0, ECX 09:01:12:37.7i.0.9.31:52Nk:115:66W, h6km, 3km, MD2.5, ML2.7, MEX 09:01:12:38.9i.0.5.31:41Nk:115:74W, h10km, MD3.5, ISC 09:01:12:35.5i.1.0.31:52N:0:02:115:59W:0:03, h14km, 8km, n40, c=1508/11, 5C-7D, Baja California

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, ISC, VTX, Valle De La Tr, 0.21 2341, eP, Pn, 01 12 41.1 -0.1, VTX, 0.21 2341, eP, Pn, 01 12 44.0 +0.6, VTX, 0.21 2341, eP, Pn, 01 12 44.3, VTX, comp=N, 2um, 0.1s, IAML, 01 12 44.6, VTX, comp=N, 2um, 0.1s, IAML, 01 12 44.6, VTX, San Joaquin, 0.40 308, eP, Pn, 01 12 44.6 +0.4, SJCX, 0.40 308, eP, Pn, 01 12 44.6 +0.3, ECXB, El Chinoero, 0.46 95, Pn, Pn, 01 12 46.1 -1.7, ECXB, San Pedro Mart, 0.48 167, eP, Pn, 01 12 52.9 -2.9, SPIG, San Pedro Mart, 0.48 167, eP, Pn, 01 12 46.8 -1.5, SPIG, San Pedro Mart, 0.48 167, eP, Pn, 01 12 53.6 +0.7, SPX, San Pedro Mart, 0.49 168, Pn, Pn, 01 12 46.8 +0.7, SPX, San Pedro Mart, 0.49 168, Pn, Pn, 01 12 53.7 +0.4, ESJX, Sierra Juarez, 0.58 328, eP, Pn, 01 12 46.9 +0.7, ESJX, Sierra Juarez, 0.58 328, eP, Pn, 01 12 47.3 -0.2, ESJX, Sierra Juarez, 0.58 328, eP, Pn, 01 12 56.5 0.0, ESJX, comp=N, 726nm, 0.1s, IAML, 01 12 55.7, ESJX, comp=N, 859nm, 0.1s, San Vicente, 0.60 2521, eP, Pn, 01 12 47.4 +0.1, SVX, San Felipe, 0.79 127, eP, Pn, 01 12 54.7 -0.5, SFX, San Felipe, 0.79 127, eP, Pn, 01 12 52.8 +0.6, SFX, comp=N, 233nm, 0.4s, IAML, 01 13 05.2, SFX, comp=N, 212nm, 0.2s, San Felipe, 0.79 1271, eP, Pn, 01 12 52.9 +0.6, SFX, 0.79 1271, eP, Pn, 01 13 03.8 -0.2, GUVIX, Guadalupe Vict, 0.90 29, Pn, Pn, 01 13 08.4 +1.8, CPBX, Cerro Prieto, 0.93 15, Pn, Pn, 01 12 55.0 +0.7, MBIG, Mexicali, 0.95 20, Pn, Pn, 01 12 56.2 +1.7, MBIG, San Quintin, 0.97 1951, eP, Pn, 01 13 08.4 +3.0, SOX, Cicece, 0.98 291, eP, Pn, 01 13 07.4 +0.5, SOX, Cicece, 0.98 291, eP, Pn, 01 12 53.9 -0.5, SOX, Cicece, 0.98 291, eP, Pn, 01 13 07.3, CCX, comp=N, 144nm, 0.4s, IAML, 01 13 08.3, CCX, comp=N, 115nm, 0.3s, Cicece, 0.98 291, eP, Pn, 01 12 54.0 -0.5, SGL, Mount Signal, 1.14 354, Pn, Pn, 01 12 57.2 -0.2, RMX, La Rumorosa, 1.16 339, Pn, Pn, 01 13 12.7 +0.4, RMX, comp=N, 178nm, 0.2s, IAML, 01 13 13.1, RMX, comp=N, 231nm, 0.3s, La Rumorosa, 1.16 339, eP, Pn, 01 12 57.0 -0.5, RMX, Cerro Bola, 1.21 311, Pn, Pn, 01 12 58.5 -0.4, CBX, comp=N, 108nm, 0.5s, IAML, 01 13 16.1, CBX, comp=N, 91nm, 0.4s, Cerro Bola, 1.21 311, eP, Pn, 01 12 58.2 -0.1, CBX, comp=N, 209nm, 0.3s, IAML, 01 13 16.1, CBX, comp=N, 176nm, 0.2s, IAML, 01 13 16.5, CBX, In-Ko-Pah, Jac, 1.22 339, eP, Pn, 01 12 58.8 -0.1, IKP, In-Ko-Pah, Jac, 1.22 339, eP, Pn, 01 13 13.9 -0.7, IKP, In-Ko-Pah, Jac, 1.22 339, eP, Pn, 01 12 58.9 -0.1, TJIG, Tijuana, 1.30 315, iP, Pn, 01 12 59.6 -0.2, TJIG, Tijuana, 1.30 315, iP, Pn, 01 12 59.7 +0.7, TKX, Tecate, 1.36 321, Pn, Pn, 01 13 00.8 -0.1, COA, Coachella, 1.40 16, Pn, Pn, 01 13 03.7 +1.3, CRR, Carrizo Plain, 1.41 347, Pn, Pn, 01 13 02.2 -0.3, BAR, Barrett, 1.48 322, Pn, Pn, 01 13 03.0 0.0, BAR, comp=N, 167nm, 0.2s, IAML, 01 13 22.0, BAR, comp=N, 165nm, 0.2s, Barrett, 1.48 322, eP, Pn, 01 13 02.7 -0.2, MONP2, Monument Peak, 1.54 333, Pn, Pn, 01 13 24.2 -1.0, MONP2, Monument Peak, 1.54 333, eP, Pn, 01 13 23.6 0.0, TJX, Tijuana, 1.59 309, Pn, Pn, 01 13 04.3 -1.0, GLA, Glamis, 1.66 23, Pn, Pn, 01 13 05.6 -0.5, GLA, comp=N, 51nm, 0.3s, IAML, 01 13 05.7 -0.3, GLA, comp=N, 51nm, 0.3s, IAML, 01 13 31.0, SDRG, San Diego Road, 1.67 317, eP, Pn, 01 13 06.4 +0.3, PINACATE, 1.82 98, Pn, Pn, 01 13 07.1 +1.1, 109C, Camp Elliot, M, 1.88 317, Pn, Pn, 01 13 08.9 -0.8, PFO, Pinyon Flats O, 2.22 341, Pn, Pn, 01 13 14.1 -1.4, 214A, Organ Pipe Nat, 2.41 79, Pn, Pn, 01 13 15.9 -2.7, X16A, Lo Mia Camp, P, 4.53 49, Pn, Pn, 01 13 47.1 +3.2, X16A, comp=N, 5.8nm, 4.8s, IAML, 01 15 08.3, X16A, comp=N, 4.5nm, 4.7s, IAML, 01 16 29.0

IDC 09:01:12:29.4i.0.9.40:19N:48:40E, h0km, mb3.9/12, mb1 4.0/21, mb1mx3.9/44, mbtmp3.9/21, ML3.3/6, MS2.8/10, Ms1 2.7/10, ms1mx2.6/49, Error ellipse: s-maj=16.7km s-min=8.6km az=178.0

MOS 09:01:12:30.8i.1.3.40:23N:48:64E, h8km, mb4.4/3, Error ellipse: s-maj=6.8km s-min=4.0km az=128.3, NEIC 09:01:12:32.2i.2.6.40:30N:0:08:48:52E:0:08, h10km, 1km, mb4.0/14, Error ellipse: s-maj=14.2km s-min=11.0km az=174.0

AZER 09:01:12:35.0i.0.1.40:26N:48:31E, h46km, 1km, ml4.0/35, Error ellipse: s-maj=1.0km s-min=0.9km az=298.0, TEH 09:01:12:36.5i.0.40:25N:48:28E, h40km, ML4.0, NNC 09:01:12:40.1i.4.8.40:27N:49:11E, h27km, 4km, mb4.1, Error ellipse: s-maj=28.0km s-min=14.6km az=64.0

ISC 09:01:12:35.5i.0.6.40:25N:0:02:48:35E:0:02, h47km, 6km, n209, c=2842/257, mb4.2/18, 15C-15D, Eastern Caucasus

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, ISC, KDMR, Kurdemir, 0.18 316, eP, Pn, 01 12 44.2 +0.8, KDMR, Kurdemir, 0.18 316, eP, Pn, 01 12 51.6 +2.7, SAAT, Saaty, 0.39 171, Pn, Pn, 01 12 44.2 +0.8, SAAT, Saaty, 0.39 171, Pn, Pn, 01 12 46.5 +1.2, SAAT, Saaty, 0.39 171, Pn, Pn, 01 12 55.3 +3.1, ZRD, Zardab, 0.51 274, Pn, Pn, 01 12 46.5 +1.2, ZRD, Zardab, 0.51 274, Pn, Pn, 01 12 48.1 +1.4, ZRD, Zardab, 0.51 274, Pn, Pn, 01 12 58.5 +3.9, GBS, Gobustan, 0.54 58, Pn, Pn, 01 12 48.9 +1.4, GBS, Gobustan, 0.54 58, Pn, Pn, 01 12 49.5 +2.4, GBS, Gobustan, 0.54 58, Pn, Pn, 01 13 01.3 +5.9, GBS, Gobustan, 0.54 58, Pn, Pn, 01 12 49.5 +2.4, IML, Ismayilli, 0.56 347, Pn, Pn, 01 12 47.8 +0.4, IML, Ismayilli, 0.56 347, Pn, Pn, 01 12 57.2 +1.3, IML, Ismayilli, 0.56 347, Pn, Pn, 01 12 47.8 +0.4, PQL, Pirkuli, 0.57 19, Pn, Pn, 01 12 48.7 +1.0

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, ISC, PQL, Pirkuli, 0.57 19, eP, Pn, 01 12 58.7 +2.3, ALIB, Altiaghaj, 0.58 120, P, Pn, 01 12 48.6 +1.0, ALIB, Altiaghaj, 0.58 120, P, Pn, 01 12 50.7 +3.1, ALIB, Altiaghaj, 0.58 120, P, Pn, 01 13 02.0 +5.8, ALIB, Altiaghaj, 0.58 120, P, Pn, 01 12 50.3 +2.7, ATGJ, Altiaghaj, 0.76 36, eP, Pn, 01 12 50.2 +2.0, ATGJ, Altiaghaj, 0.76 36, eP, Pn, 01 13 04.1 +3.5, ATGJ, Altiaghaj, 0.76 36, eP, Pn, 01 12 52.0 +2.0, GABA, Gabaia, 0.80 331, P, Pn, 01 12 51.3 +0.8, GABA, Gabaia, 0.80 331, P, Pn, 01 13 02.8 +1.5, GABA, Gabaia, 0.80 331, P, Pn, 01 12 51.2 +0.5, BLQ, Brela, 0.80 229, P, Pn, 01 13 03.4 +2.0, BLQ, Brela, 0.80 229, P, Pn, 01 12 51.5 +1.0, BRDA, Brda, 0.89 271, P, Pn, 01 12 53.7 +2.1, BRDA, Siyzn, 0.93 27, P, Pn, 01 13 08.4 +4.8, SIZA, Siyzn, 0.93 27, P, Pn, 01 12 53.7 +1.5, SIZA, Siyzn, 0.93 27, eP, Pn, 01 13 07.2 +2.7, SIZA, Siyzn, 0.93 27, eP, Pn, 01 12 54.9 -1.6, XNQ, Khinaliq, 0.94 350, P, Pn, 01 12 53.0 +0.5, XNQ, Khinaliq, 0.94 350, P, Pn, 01 13 06.1 +1.2, XNQ, Khinaliq, 0.94 350, P, Pn, 01 12 53.7 +1.1, XNQ, Khinaliq, 0.94 350, P, Pn, 01 13 06.1 +1.2, AGDM, Agdam, 0.96 262, P, Pn, 01 12 53.7 +0.6, AGDM, Ciliabad, 1.01 178, P, Pn, 01 13 07.9 +2.7, GLBA, Ciliabad, 1.01 178, P, Pn, 01 12 54.6 +1.4, GLBA, Ciliabad, 1.01 178, P, Pn, 01 12 54.6 +1.4, GOBA, Gobu, 1.07 81, eP, Pn, 01 12 57.2 +3.1, GOBA, Gobu, 1.07 81, eP, Pn, 01 13 10.0 +5.2, GOBA, Gobu, 1.07 81, eP, Pn, 01 12 57.1 +3.1, MNGR, Mingechevir, A, 1.10 299, P, Pn, 01 12 55.7 +1.3, MNGR, Mingechevir, A, 1.10 299, P, Pn, 01 12 55.9 +1.4, MNGR, Mingechevir, A, 1.10 299, P, Pn, 01 12 55.9 +1.4, QUBA, Quba, Azerbaj, 1.11 6, P, Pn, 01 13 10.8 +2.4, QUBA, Quba, Azerbaj, 1.11 6, P, Pn, 01 12 56.5 +1.8, QUBA, Qoradz, 1.11 225, P, Pn, 01 13 12.9 +4.0, QRD, Qoradz, 1.11 225, P, Pn, 01 12 55.5 +0.8, QRD, Qoradz, 1.11 225, P, Pn, 01 13 10.4 +1.4, QRD, Qoradz, 1.11 225, eP, Pn, 01 12 55.5 +0.8, QAR, Qusar, 1.27 357, P, Pn, 01 12 58.6 +1.8, QAR, Qusar, 1.27 357, P, Pn, 01 12 58.6 +1.8, QSAR, Nardaran, 1.29 75, Pn, Pn, 01 13 16.1 +3.4, NDR, Nardaran, 1.29 75, Pn, Pn, 01 12 59.3 +2.1, NDR, Sheki, 1.30 318, Pn, Pn, 01 13 17.8 +4.5, SEKA, Sheki, 1.30 318, Pn, Pn, 01 12 57.9 +0.7, SEKA, Sheki, 1.30 318, Pn, Pn, 01 12 58.0 +0.7, SEKA, Akhty, 1.32 339, P, Pn, 01 13 15.2 +1.7, AKT, Akhty, 1.32 339, P, Pn, 01 12 58.9 +1.3, AKT, Akhty, 1.32 339, P, Pn, 01 13 17.1 +3.1, AKT, comp=N, 111nm, 0.2s, smax, smax, YRD, Yardimli, 1.33 184, Pn, Pn, 01 12 58.9 +1.0, YRD, Yardimli, 1.33 184, Pn, Pn, 01 13 16.3 +1.7, GALA, Gala, 1.39 83, Pn, Pn, 01 13 00.2 +1.8, GALA, Gala, 1.39 83, Pn, Pn, 01 13 19.1 +3.5, LKRN, Lenkeran, Azer, 1.57 168, Pn, Pn, 01 13 02.7 +1.8, LKRN, Lenkeran, Azer, 1.57 168, Pn, Pn, 01 13 01.6 +0.7, LKRN, Ganja, 1.60 285, Pn, Pn, 01 13 22.7 +2.6, GANJ, Ganja, 1.60 285, Pn, Pn, 01 13 01.5 +0.2, GANJ, Ganja, 1.60 285, Pn, Pn, 01 13 21.7 +1.0, LRK, Lerik, 1.60 180, Pn, Pn, 01 13 02.4 +0.8, LRK, Lerik, 1.60 180, Pn, Pn, 01 13 22.9 +1.7, ASTR, Astara, 1.72 168, Pn, Pn, 01 13 03.5 +0.5, ASTR, Zakatala, 1.91 317, Pn, Pn, 01 13 26.5 +2.8, ZKTA, Zakatala, 1.91 317, Pn, Pn, 01 13 07.4 +1.9, ZKTA, Zakatala, 1.91 317, Pn, Pn, 01 13 07.5 +1.9, ZKTA, Zakatala, 1.91 317, Pn, Pn, 01 13 31.4 +3.0, AHAR, Ahar, 2.02 210, e, Pn, 01 13 39.6, AHAR, comp=N, 99nm, 0.8s, 01 13 09.0 +1.7, GDB, GEDABAY, 2.03 284, ePn, Pn, 01 13 07.7 +0.3, GDB, Dedoflistskaro, 2.07 306, Pn, Pn, 01 13 32.9 +1.2, DDFL, Dedoflistskaro, 2.07 306, Pn, Pn, 01 13 10.1 +2.3, IHRS, Heris, 2.18 208, ePn, Pn, 01 13 11.3 +1.8, IHRS, Heris, 2.18 208, ePn, Pn, 01 13 14.4, LGD, Lagodekhi, 2.25 316, P, Pn, 01 13 12.4 +2.2, LGD, Lagodekhi, 2.25 316, P, Pn, 01 13 39.1 +2.4, LGD, Lagodekhi, 2.25 316, Pn, Pn, 01 13 39.1 +2.4, LGD, Lagodekhi, 2.25 316, Pn, Pn, 01 13 11.9 +1.6, ORD, Ordubad, 2.25 335, Pn, Pn, 01 13 39.0 +2.2, SBZ, Shahbuz, 2.31 249, Pn, Pn, 01 13 13.3 +2.1, SBZ, Shahbuz, 2.31 249, Pn, Pn, 01 13 42.0 +3.4, QZX, Qazax, Azerbai, 2.40 291, Pn, Pn, 01 13 32.0 +0.8, QZX, Nakhchivan, 2.45 245, Pn, Pn, 01 13 42.1 +1.5, NAX, Nakhchivan, 2.45 245, Pn, Pn, 01 13 15.1 +2.1, NAX, Nakhchivan, 2.45 245, Pn, Pn, 01 13 15.2 +2.1, NAX, Nakhchivan, 2.45 245, Pn, Pn, 01 13 44.9 +3.1, IMRD, Marand, 2.56 234, ePn, Pn, 01 13 16.8 +2.2, IMRD, Marand, 2.56 234, ePn, Pn, 01 13 18.2, IMRD, comp=N, 99nm, 0.3s, 2.64 221, ePn, Pn, 01 13 17.5 +1.7, ITBZ, Tabriz, 2.64 221, ePn, Pn, 01 13 18.1, HYR, Heyderabad, 2.74 260, Pn, Pn, 01 13 19.5 +2.5, HYR, Heyderabad, 2.74 260, Pn, Pn, 01 13 50.0 +1.1, GNI, Garni, 2.76 269, Pn, Pn, 01 13 20.1 +2.7, GNI, comp=N, 13nm, 0.3s, baz=298, slow=23, SNR=116, 01 13 11.3 +1.8, GNI, comp=N, 32nm, 0.3s, baz=130, slow=21, SNR=7.6, 01 14 48.5, GNI, comp=N, 157nm, 21.9s, baz=94, slow=50, 01 13 20.3 +2.9, GNI, Garni, 2.76 269, ePn, Pn, 01 13 20.0 +2.6, MAK, Makhachkala, 2.78 347, ePn, Pn, 01 13 21.2 +3.7, MAK, Makhachkala, 2.78 347, ePn, Pn, 01 13 25.2 +1.0, MAK, Makhachkala, 2.78 347, ePn, Pn, 01 13 56.3 +1.0, MAK, Makhachkala, 2.78 347, ePn, Pn, 01 14 02.7 +1.0, MAK, comp=N, 71nm, 0.3s, smax, smax, MAK, comp=N, 437nm, 0.6s, smax, smax, MAK, comp=N, 293nm, 0.6s, smax, smax, MAK, comp=N, 222nm, 15.0s, smax, smax, BTLR, Botlikh, 2.89 3271, ePn, Pn, 01 13 22.6 +3.5, BTLR, Botlikh, 2.89 3271, ePn, Pn, 01 13 23.4 +2.9, DBC, Dubki, 2.99 338, Pn, Pn, 01 14 01.3 +6.1, DBC, Dubki, 2.99 338, Pn, Pn, 01 14 01.3

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Table with columns: GLA, GLAMIS, 1.66 24 P, Pn, 01 45 30.5 -2.2, etc. Lists various locations and their associated data points.

Table with columns: TUC, Tucson, 4.20 78 P, Pn, 01 46 05.6 -2.1, etc. Lists various locations and their associated data points.

Table with columns: CLNB, Carlsbad, 10.03 83 Pn, Pn, 01 47 28.9 +1.2, etc. Lists various locations and their associated data points.

KAN14	Manchester OK	15.58	65	P	Pn	01 48 43.9 +0.6
Z35A	Perchaven, San	15.63	74	P	Pn	01 48 43.3 -0.6
KAN12	Harper NE State	15.64	64	Pn	Pn	01 48 45.8 +1.7
735A	Kenedy	15.65	95	Pn	Pn	01 48 46.1 +1.9
OKCFA	Oklahoma City	15.66	71	Pn	IAMB	01 48 44.1 -0.2
OKCFA	comp=Z,46nm,0.9s					01 48 52.0
FNO	Franklin	15.68	71	Pn	IAMB	01 48 45.3 +0.7
FNO	comp=Z,76nm,1.1s					01 49 00.5
KAN05	Bluff City Nor	15.69	64	Pn	IAMB	01 48 45.3 +0.6
KAN05	comp=Z,79nm,1.0s					01 49 00.4
OK029	Wollman Farm,	15.70	352	P	Pn	01 48 46.4 +1.6
OK029	Liberty Lake	15.72	69	P	Pn	01 48 45.9 +0.8
OK025	Westminster Rd	15.78	70	IAMB	IAMB	01 48 46.4 +0.5
OK025	comp=Z,56nm,1.1s					01 48 48.0
KAN01	Argonia South	15.79	64	P	Pn	01 48 46.9 +1.0
KAN01	comp=Z,71nm,1.1s					01 48 52.4
E04D	Cinebar	15.92	342	P	Pn	01 48 47.2 -0.4
KAN13	South Haven SW	15.97	65	P	Pn	01 48 49.1 +0.8
KAN13	comp=Z,85nm,1.2s					01 48 54.4
LTY	Liberty	16.16	348	P	P	01 48 55.2 +1.0
E03A	Lebam	16.18	340	P	P	01 48 56.4 +2.2
JTMT	Jette	16.22	3	P	P	01 48 54.5 -0.4
OK031	S. Brethren Rd	16.24	69	IAMB	IAMB	01 48 52.5 +0.7
OK031	comp=Z,116nm,1.1s					01 48 59.2
OK030	Cody Creek RV	16.28	69	P	Pn	01 48 52.7 +0.4
OK030	comp=Z,137nm,1.1s					01 48 59.6
C09A	Chrisman Ranch	16.36	354	P	Pn	01 48 55.0 -1.3
QUOK	Quay	16.39	69	Pn	IAMB	01 48 55.0 +1.3
QUOK	comp=Z,90nm,1.1s					01 49 14.3
D04E	Lakebay	16.55	343	P	Pn	01 48 54.0 -1.7
D04E	baz=158					
T35A	Sooner Cattle	16.70	66	P	Pn	01 48 58.5 +0.8
T35A	comp=Z,102nm,1.4s					01 49 07.8
NEW	Newport	16.74	357	Pn	P	01 49 00.7 +0.2
NEW	comp=Z,0.8nm,0.3s,ba=179,slow=12,SNR=63					01 53 49.9
NEW	baz=234,slow=23,SNR=1.4					
NEW	Newport	16.74	357	P	Pn	01 48 59.0 +0.8
NEW	baz=178,SNR=45					
NEW	Newport	16.74	357	P	Pn	01 49 00.4 -0.1
NEW	LASA Array	16.78	23	P	Pn	01 48 59.0 +0.3
LAO	LASA Array	16.78	23	P	Pn	01 49 00.5 -0.5
LAO	comp=Z,156nm,1.4s					01 49 11.5
237A	Washetta, Mont	16.88	83	P	Pn	01 49 00.5 +0.6
237A	comp=Z,140nm,1.4s					01 49 07.6
D03D	Eldon	16.96	342	P	Pn	01 48 59.8 -1.1
D03D	baz=158					
B08A	Colville Reser	17.03	352	P	P	01 49 04.0 +0.3
EGMT	Eagleton	17.06	14	P	P	01 49 01.9 -0.3
EGMT	baz=197,SNR=16					
EGMT	Eagleton	17.06	14	P	P	01 49 05.5 +1.3
EGMT	comp=Z,90nm,1.4s					01 49 17.0
TUL1	Leonard	17.07	70	P	Pn	01 49 02.7 +0.3
TUL1	baz=261,SNR=28					
TUL1	Leonard	17.07	70	P	Pn	01 49 02.3 -0.1
TUL1	comp=Z,168nm,1.4s					01 49 09.1
HKT	Hockley	17.10	90	P	Pn	01 49 03.1 +0.4
BGNE	Belgrade	17.14	50	P	Pn	01 49 02.0 -1.2
BGNE	baz=240					
BGNE	Belgrade	17.14	50	P	IAMB	01 49 04.8 -0.2
BGNE	comp=Z,120nm,1.2s					01 49 10.6
KSU1	Kansas State U	17.25	59	P	Pn	01 49 04.1 -0.5
KSU1	baz=250,SNR=92					
KSU1	Kansas State U	17.25	59	P	P	01 49 05.4 -0.7
X37A	Clayton	17.26	74	P	Pn	01 49 05.2 +0.5
K31A	O'Neill	17.40	56	P	Pn	01 49 07.7 +0.0
Z38A	Mt. Pleasant	17.53	79	P	P	01 49 09.4 +0.1
WALA	Waterton Lakes	17.55	4	P	P	01 49 10.6 +1.1
NATX	Nacogdoches	17.87	84	P	P	01 49 11.6 -0.6
NATX	baz=275,SNR=6.9					
NATX	Nacogdoches	17.87	84	P	IAMB	01 49 13.1 0.0
NATX	comp=Z,183nm,1.4s					01 49 30.4
A04D	Lummi Island	17.98	345	P	Pn	01 49 12.5 -1.0
A04D	baz=160					
U38A	Gravette	18.28	69	P	P	01 49 17.7 +0.1
SUSD	Miller	18.36	41	P	P	01 49 19.0 +0.5
SUSD	baz=231					
SUSD	Miller	18.36	41	P	P	01 49 19.9 +1.4
L34A	Svendsen Farm,	18.58	51	P	P	01 49 20.4 -0.4
N35A	Tabor	18.59	53	P	Pn	01 49 21.7 +0.5
W39A	Magazine	18.61	73	P	P	01 49 20.6 -0.6
W39A	baz=265,SNR=12					
W39A	Magazine	18.61	73	P	Pn	01 49 21.7 +0.3
HHAR	Hobbs	18.61	69	P	Pn	01 49 21.6 +0.2
MIAR	Mount Ida	18.73	75	P	Pn	01 49 22.5 -0.1
MIAR	baz=267,SNR=34					
MIAR	Mount Ida	18.73	75	P	Pn	01 49 23.1 +0.2
MIAR	comp=Z,79nm,1.2s					01 49 26.6
E28A	Huff	18.93	33	P	Pn	01 49 26.8 +1.6
E28A	comp=Z,58nm,1.1s					01 49 40.6
DGMT	Dagmar	19.01	24	P	Pn	01 49 25.9 -0.3
WLAR	White Oak Lake	19.10	78	P	Pn	01 49 27.2 -0.1
441A	DeRidder	19.23	86	P	Pn	01 49 29.7 +0.7
441A	comp=Z,54nm,0.8s					01 49 31.3
ECS0	EROS Data Cent	19.32	46	P	Pn	01 49 29.9 0.0
ECS0	baz=237,SNR=18					
ECS0	EROS Data Cent	19.32	46	P	Pn	01 49 29.6 -0.3
X40A	Basin Creek Fa	19.34	75	P	Pn	01 49 29.7 -0.6
X40A	baz=268,SNR=14					
X40A	Basin Creek Fa	19.34	75	P	Pn	01 49 30.5 +0.2
S39A	Bolivar	19.35	65	P	Pn	01 49 29.5 +0.2
S39A	comp=Z,70nm,1.4s					01 49 36.8
Z41A	Richland Creek	19.36	79	P	P	01 49 28.5 -0.9
Z41A	baz=271,SNR=14					
U40A	Yellville	19.49	70	P	Pn	01 49 29.4 -1.5
U40A	baz=262,SNR=17					
U40A	Yellville	19.49	70	P	Pn	01 49 31.2 +0.4
P38A	Dawn	19.68	60	P	Pn	01 49 34.0 -0.2
P38A	comp=Z,102nm,1.4s					01 49 40.3
WHAR	Woolly Hollow	19.84	73	P	P	01 49 34.5 -0.2
WHAR	comp=Z,46nm,1.0s					01 49 49.0
W41B	Gary Mavity, V	19.86	73	P	P	01 49 35.1 +0.2
W41B	baz=266,SNR=10.0					
342A	Flagon Creek P	19.89	84	P	Pn	01 49 37.0 +0.2
FCMO	Ozark Folk Cen	20.02	71	P	P	01 49 36.8 +0.1
MGM0	Mountain Grove	20.07	67	IAMB	IAMB	01 49 38.3 -0.7
MGM0	comp=Z,71nm,1.4s					01 49 49.9
CCAR	Cane Creek	20.21	77	P	Pn	01 49 40.7 +0.1
N38A	Joess South For	20.27	57	P	Pn	01 49 41.0 -0.2
MDND	Maddock	20.37	32	P	P	01 49 39.8 -0.6
MDND	baz=223					
MDND	Maddock	20.37	32	P	Pn	01 49 42.8 +0.4
MDND	comp=Z,56nm,1.1s					01 49 57.7
143A	Soos Landing,	20.55	80	P	Pn	01 49 44.1 -0.5
SCIA	State Center	20.68	54	P	Pn	01 49 45.2 -0.9
SCIA	comp=Z,100nm,1.2s					01 50 03.6
F33A	5 Mile Ranch,	20.71	41	P	P	01 49 44.6 +0.6
P40A	Paris	20.75	61	P	P	01 49 44.8 +0.3
P40A	comp=Z,96nm,1.2s					01 49 49.9
TLIG	Tipa	20.81	128	P	P	01 49 45.9 +0.4
LCAH	Lake Charles	20.82	71	P	P	01 49 45.2 -0.2
X43A	Marvell	20.96	75	P	P	01 49 47.5 +0.7
X43A	baz=269,SNR=6.2					
T42A	Van Buren	20.98	68	P	P	01 49 47.1 0.0
T42A	comp=Z,40nm,0.8s					01 49 48.6

CCM	Cathedral Cave	21.03	65	P	P	01 49 47.0 -0.6
CCM	baz=259					
CCM	Cathedral Cave	21.03	65	P	P	01 49 47.6 0.0
D32A	Dogwood Acres,	21.13	37	P	P	01 49 48.6 0.0
344A	Westbrook Farm	21.23	84	P	P	01 49 51.7 +1.9
K38A	Parkersburg	21.28	92	IAMB	IAMB	01 49 51.0 +0.7
K38A	comp=Z,96nm,1.4s					01 49 58.1
VBMS	Vicksburg	21.34	82	P	P	01 49 52.1 +1.2
VBMS	baz=275,SNR=13					
VBMS	Vicksburg	21.34	82	P	P	01 49 52.0 +1.1
I37A	Lemond, Waseca	21.46	48	P	P	01 49 53.1 +0.9
PBMO	Poplar Bluff	21.48	69	P	P	01 49 52.8 +0.4
PBMO	comp=Z,32nm,0.9s					01 49 54.4
FVM	French Village	21.66	66	P	P	01 49 54.4 +0.1
N41A	Harden Midland	21.95	58	P	P	01 49 57.9 +0.4
Y45A	Yeager Farm, C	22.07	77	P	P	01 50 01.1 +2.3
OXF	Oxford	22.17	75	P	P	01 50 00.6 +0.7
OXF	baz=270,SNR=10					
OXF	Oxford	22.17	75	P	P	01 49 60.0 +0.1
OXF	comp=Z,52nm,1.0s					01 50 02.3
HENM	Henderson Moun	22.22	69	P	P	01 50 00.7 +0.1
F36A	Milaca	22.24	64	IAMB	IAMB	01 50 03.0 +1.7
F36A	comp=Z,62nm,1.1s					01 50 09.6
346A	Big Creek Wild	22.32	83	P	P	01 50 02.9 +1.4
W45A	Hickory Valley	22.37	74	P	P	01 50 02.5 +0.5
SPMM	Marine on St.	22.42	46	P	P	01 50 02.0 -0.4
SPMM	baz=240,SNR=8					
SPMM	Marine on St.	22.42	46	P	P	01 50 03.2 +0.7
AGMN	Agassiz Station	22.48	36	P	P	01 50 03.1 0.0
AGMN	baz=229,SNR=5.7					
AGMN	Agassiz Station	22.48	36	P	IAMB	01 50 03.7 +0.6
AGMN	comp=Z,36nm,1.3s					01 50 16.4
146A	Union	22.53	80	P	P	01 50 04.2 +0.4
SIUC	Southern Illin	22.56	67	P	IAMB	01 50 03.4 -0.6
SIUC	comp=Z,37nm,0.9s					01 50 16.1
BBB	Bella Bella	22.56	340	P	P	01 50 04.4 +0.5
BBB	baz=16nm,0.9s,ba=226,slow=12,SNR=2.6					01 59 53.5
P43A	Skaggs, Pawnee	22.67	62	P	P	01 50 05.4 +0.2
Q44A	Meyer Farm, Va	22.91	64	IAMB	IAMB	01 50 07.2 -0.5
Q44A	comp=Z,45nm,0.9s					01 50 25.8
HDIL	Hopedale	23.06	60	P	IAMB	01 50 09.1 -0.2
HDIL	comp=Z,40nm,1.1s					01 50 27.3
JFWS	Jewell Farm	23.10	53	P	P	01 50 08.7 -1.0
JFWS	baz=242,SNR=10					
JFWS	Jewell Farm	23.10	53	P	IAMB	01 50 11.2 +1.6
JFWS	comp=Z,29nm,0.9s					01 50 30.6
L42A	Oliver, Polo	23.20	56	P	P	01 50 11.1 +0.5
I40A	Norwalk	23.22	51	P	IAMB	01 50 11.4 +0.5
I40A	comp=Z,39nm,1.0s					01 50 21.2
PLAL	Pickwick Lake	23.27	74	P	P	01 50 11.5 0.0
Z47A	Carrollton	23.32	79	P	P	01 50 12.4 +0.4
WWT	Waverly	23.51	71	P	P	01 50 14.7 +0.8
WWT	baz=267					
WWT	Waverly	23.51	71	P	IAMB	01 50 14.9 +1.0
WWT	comp=Z,41nm,0.9s					01 50 33.7
O44A	Mansfield	23.57	61	IAMB	IAMB	01 50 14.1 -0.4
O44A	comp=Z,30nm,0.8s					01 50 31.5
B35A	Bob, Littlefor	23.63	38	P	P	01 50 16.2 +1.3
CMIG	Matias Romero	23.70	123	P	P	01 50 16.3 +0.4
CM						

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like WAKE ISLAND, ARCES, NRIK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like TWD, ENTT, NDT, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like CHNS, JIRB, LONT, etc.

NNC 09 01:45:36.8-3.6, 37.70N x 78.57E, h0km, mb3.6, mpv3.2, 5C-5D, Error ellipse: s-maj=25.5km s-min=25.4km az=111.0, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like MDOK, PDGK, TKM2, etc.

WPL Puli Township 1.77 258f eP Sn 01 53 50.3 +0.4

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like WPL, DPDB, SSLB, etc.

ISK 09 02:07:05.9, 35.22N-28.12E, h21km, ML2.8/13

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like MASBT, TAW, EAST, etc.

JMA 09 01:53:20.5-0.1, 24.39N x 122.83E, h63km, 1km, M3.3

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like JYNG, YOJ, IRIF, etc.

WPL Puli Township 1.77 258f eP Sn 01 53 50.3 +0.4

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like WPL, DPDB, SSLB, etc.

DDA 09 02:07:09.5, 35.48N-28.30E, h22km, 2km, ML2.4

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like KARP, ARG, ZKR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BODT Bodrum, YER Yerkesik, MULA Mugla, etc.

IDC 09 02:14:23.9;11.0, 15:53S;165:39E, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.8/42, mbtmp4.1/5, ML4.0/1, Error ellipse: s-maj=197.0km s-min=33.2km az=55.0

NOU 09 02:14:30.2, 15:85S;167:24E, h1km, MLV4.6, Vanuatu Islands

ISC 09 02:14:19.6;1.6, 14:9S;101:166E;0.1, h35km, n13, <#207/13, mb4.0/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SARAOUTOU, DEVILS POINT, KOUNC, etc.

IDC 09 02:19:56.7;0.7, 1:45N;118:96E, h0km, mb4.1/12, mb1 4.3/13, mb1mx4.0/44, mbtmp4.2/13, ML3.8/1, MS3.4/7, Ms1 3.5/7, ms1mx3.1/40, Error ellipse: s-maj=69.9km s-min=12.8km az=63.0

DJA 09 02:19:58.0;0.2, 1'N;2'x11'9E', h10km, M4.5/17, mb4.7/7, mb5.0/4, MLV4.5/17, MW(B)4.3/4

NEIC 09 02:20:01.0;0.9, 1:32N;0:07x118:81E;0:06, h26km, 3km, mb4.3/13, Error ellipse: s-maj=9.8km s-min=9.2km az=201.0

ISC 09 02:20:02.3;0.5, 1:36N;0:05x118:79E;0:05, h35km, n60, <#206/63, mb4.3/19, MS3.5/6, 1D, Borneo

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAPAGA, TOLITOL, BKBK, etc.

SPSI Sidrap Palu, 5.38 169 P Pn 02 21 19.9 -0.3

BNSI Bone, 5.88 167 P Pn 02 21 26.7 -0.0

BBKI Banjar Baru, 6.21 219 P Pn 02 21 31.0 -0.6

KAPI Kappang, 6.41 171 P Pn 02 21 33.4 -0.9

KAPI Kappang, 6.41 171 P Pn 02 21 33.4 -0.9

KAPI Kappang, 6.41 171 P Pn 02 21 33.4 -0.9

KAPI Kappang, 6.41 171 P Pn 02 21 33.4 -0.9

KAPI Kappang, 6.41 171 P Pn 02 21 33.4 -0.9

KAPI Kappang, 6.41 171 P Pn 02 21 33.4 -0.9

KAPI Kappang, 6.41 171 P Pn 02 21 33.4 -0.9

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KAPI Kappang, 6.41 171 P Pn 02 21 33.4 -0.9

KAPI Kappang, 6.41 171 P Pn 02 21 33.4 -0.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GAOTAI, SONM, WMQ, etc.

ECX 09 02:21:26.4;0.7, 31:51N;115:65W, h8km, 13km, MD2.0, ML2.2

MEX 09 02:21:27.6;2.4, 31:45N;115:65W, h10km, MD3.6

ISC 09 02:21:24.1;1.2, 31:53N;0:03x115:59W;0:04, h14km, 10km, n13, <#077/14, 2C-30, Baja California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SAN JOAQUIN, EI CHINERO, SAN PEDRO MART, etc.

IDC 09 02:36:26.2;12.0, 12:44S;167:01E, h160km, 113km, mb3.6/7, mb1 3.8/7, mb1mx3.5/44, mbtmp4.0/7, MS3.1/2, Ms1 3.1/2, ms1mx2.6/26, Error ellipse: s-maj=86.6km s-min=40.3km az=133.0

NEIC 09 02:36:32.7;2.3, 12:45S;0:1x166:89E;0:08, h21km, 8km, mb4.2/14, Error ellipse: s-maj=17.0km s-min=9.5km az=153.0

ISC 09 02:36:33.6;0.7, 12:45S;0:1x166:93E;0:1, h220km, n30, <#190/29, mb4.0/13, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SARAOUTOU, FUNA, RAJAL, etc.

IDC 09 02:36:26.2;12.0, 12:44S;167:01E, h160km, 113km, mb3.6/7, mb1 3.8/7, mb1mx3.5/44, mbtmp4.0/7, MS3.1/2, Ms1 3.1/2, ms1mx2.6/26, Error ellipse: s-maj=86.6km s-min=40.3km az=133.0

NEIC 09 02:36:32.7;2.3, 12:45S;0:1x166:89E;0:08, h21km, 8km, mb4.2/14, Error ellipse: s-maj=17.0km s-min=9.5km az=153.0

ISC 09 02:36:33.6;0.7, 12:45S;0:1x166:93E;0:1, h220km, n30, <#190/29, mb4.0/13, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SANVU, FUNA, RAJAL, etc.

IDC 09 02:36:26.2;12.0, 12:44S;167:01E, h160km, 113km, mb3.6/7, mb1 3.8/7, mb1mx3.5/44, mbtmp4.0/7, MS3.1/2, Ms1 3.1/2, ms1mx2.6/26, Error ellipse: s-maj=86.6km s-min=40.3km az=133.0

NEIC 09 02:36:32.7;2.3, 12:45S;0:1x166:89E;0:08, h21km, 8km, mb4.2/14, Error ellipse: s-maj=17.0km s-min=9.5km az=153.0

ISC 09 02:36:33.6;0.7, 12:45S;0:1x166:93E;0:1, h220km, n30, <#190/29, mb4.0/13, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SANVU, FUNA, RAJAL, etc.

IDC 09 02:36:26.2;12.0, 12:44S;167:01E, h160km, 113km, mb3.6/7, mb1 3.8/7, mb1mx3.5/44, mbtmp4.0/7, MS3.1/2, Ms1 3.1/2, ms1mx2.6/26, Error ellipse: s-maj=86.6km s-min=40.3km az=133.0

NEIC 09 02:36:32.7;2.3, 12:45S;0:1x166:89E;0:08, h21km, 8km, mb4.2/14, Error ellipse: s-maj=17.0km s-min=9.5km az=153.0

ISC 09 02:36:33.6;0.7, 12:45S;0:1x166:93E;0:1, h220km, n30, <#190/29, mb4.0/13, Santa Cruz Islands

BUIJ 09 02:40:13.0;0.0, 18:50N;121:20E, h69km, mb4.6/17, mb4.2/24, ML4.5/3, Ms4.1/7, Ms7 3.8/6, MAN 09 02:40:15.0, 18:68N;120:98E, h42km, mb4.8, ML3.6, MS3.6, NEIC 09 02:40:15.2;2.9, 18:573N;0:006;121:2E;0:1, h69km, 8km, mb4.6/32, Error ellipse: s-maj=162.2km s-min=1.0km az=90.0, IDC 09 02:40:15.8;2.5, 18:50N;121:32E, h79km, 24km, mb3.8/12, mb1 4.1/16, mb1mx3.7/51, mbtmp4.3/16, MS3.2/8, Ms1 3.2/8, ms1mx2.9/39, Error ellipse: s-maj=23.7km az=82.0, ISC 09 02:40:13.0;0.0, 18:51N;0:04x121:31E;0:0, h50km, n97, <#136/91, mb4.4/28, MS3.1/6, 3C-ID, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BRGY, TAPAO, SANTA, BAGUIO CITY, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAPAGA, TOLITOL, MRSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUROKA, BANJAR BARU, LANZHOU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUROKA, BANJAR BARU, LANZHOU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUROKA, BANJAR BARU, LANZHOU, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like KPKS Kokpek, SATY Saty, AS31 Alice Springs, etc.

ICD 09 02:58:09.3:1.4, 62.25N:150.60W, h89km, 24km, mb3.1/2, mb1 3.2/5, mb1mx3.0/39 mbtp3.4/5, Error ellipse: s-maj=34.1km s-min=10.3km az=111.0, ANF 09 02:58:10.6:0.8, 62.32N:150.92W, h89km, 7km, M.L3.4/14, Error ellipse: s-maj=6.6km s-min=2.7km az=78.0, NEIC 09 02:58:10.6:0.8, 62.32N:150.94W:0.07, h93km, 7km, Error ellipse: s-maj=5.3km s-min=2.6km az=113.0, AEIC 09 02:58:11.0:0.9, 62.31N:150.03, h88km, 2km, M.L3.1, Error ellipse: s-maj=4.8km s-min=4.2km az=143.0, ISC 09 02:58:09.5:1.1, 62.23N:150.03, h99km, 8km, n128, c1906/136, Central Alaska

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CUT Chulitna, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CCB Clear Creek Bu, HDA Harding Lake, HDA China Foot, etc.

ICD 09 03:09:04.1:3.6, 14.44S:167.35E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/27, mbtp3.6/4, Error ellipse: s-maj=171.2km s-min=33.4km az=143.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like UCH Uchter, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like ARLS baz=14, TKM2 Tokmak 2, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include KUU, KOTS, KOTBS, ANVS, CHKK, OHH, KURS, BTLS, ARXS, KPKS, MNBS, SHLS, PDGK, DJR, MAKZ, MAK2, MAK31, etc.

IDC 09 04:16:58.4.1.1, 57.82N, 32.34W, h0km, mb3.6/8, mb1.3/8, mb1mx3.6/43, mbtmp3.6/8, MS3.0/3, Ms1 3.0/3, ms1mx2.5/51, Error ellipse: s-maj=36.0km s-min=21.0km z=12.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include MDOK, TKM2, PDGK, AAK, MAKZ, MK31, QZH, MCO, GZH, QIZ, QIZ, GYA, KMI, JNU, KSR5, CMAR, GTA, SONM, WMQ, MKAR, ZALV, AAK, KURB, WRA, ASAR, ILAR, AKASO, YKA, etc.

IDC 09 04:47:24.8-3.8, 10.50S, 161.88E, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.6/31, mbtmp3.7/4, MS3.2/2, Ms1 3.2/2, ms1mx2.7/29, Error ellipse: s-maj=126.2km s-min=42.0km az=136.0, Bougainville-Solomon Islands region

Table with columns: KEK, Kerkira, Time, Res, ISC. Rows include Kerkira, Sarande, Nydra, Leskovik, Kiproiro, Nestorio, Korca, Klokotos Trika, Kozani, Makrakomi, Fth, Agios Georgios, Griva.

SOME 09 05:03:01.5, 39.68N, 75.07E, h10km, KRNET 09 05:03:01.2, 0.1, 39.55N, 74.88E, mb3.4, NNC 09 05:03:06.9, 1.8, 39.87N, 74.87E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=14.2km s-min=8.3km az=170.0

9d 7h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Date/Time. Includes stations like PAB San Pablo, MTE Manteigas, MTE Manteigas, etc.

2015 FEB

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Date/Time. Includes stations like AOPR Maqueyes Islan, MLPR Castet Tesino, CTI Castet Tesino, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and Date/Time. Includes stations like KHC Unterbreizbach, UBBA Unterbreizbach, CONA Contr Observa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like KSH, ULHL, KUU, MTBS, etc.

NCEDC OR 08:15:54.3.2.5, 37.27N, 0.03:118.42W, 0.05, h7km, 6km, ML3/25, ML2.9/12(NEIC), Error ellipse: s-maj=5.5km s-min=4.6km az=64.0

REN OR 08:15:54.3, 37.26N, 118.45W, h7km ANF OR 08:15:54.1.0.2, 37.26N, 118.43W, h5km, 1km, ML3.1/16, Error ellipse: s-maj=1.7km s-min=1.5km az=54.0

NEIC OR 08:15:55.1.2.3, 37.27N, 0.03:118.39W, 0.03, h5km, 8km, Error ellipse: s-maj=4.9km s-min=3.3km az=150.0

ISC OR 08:15:54.4.1.1, 37.28N, 0.02:118.40W, 0.02, h3km, 10km, n75, 0:095/90, California-Nevada border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like MTUM, TIN, etc.

Table with columns: OMMB, IAML, Time Res, h m s, ISC. Includes stations like MDRMI, MDPB, MDCM, etc.

IDC OR 08:24:01.1.1.5, 48:88S, 121:56E, h0km, mb4.1/4, mb1.4, 3/4, mb1mx3.9/38, mbtmp4.1/4, MS3.7/4, Ms1.3/6/4, ms1mx3.2/1, Error ellipse: s-maj=92.5km s-min=23.5km az=107.0

ISC OR 08:24:02.8.1.6, 48:95S, 0.03:121:5E, 0.06, h1km, 21.5km, 0.52/2, mb4.1/4, MS3.6/4, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like H01W1, H01W2, etc.

IDC OR 08:39:22.0.6.2, 30:03S, 119:58E, h0km, mb4.2/12, mb1.4, 3/14, mb1mx4.1/49, mbtmp4.2/14, ML3.7/2, MS3.5/10, Ms1.3.6/10, ms1mx3.3/36, Error ellipse: s-maj=38.1km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like TTSI, BNSI, KAPI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Borovoye Array, AKTO Aktyubinsk, TIXI Tiksi, AKASG Malin Array Be, BOSHA Boshof, MNK Minsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGSI Sangihe, GTOI Gorontalo, GTOI Marisa, TMTI Ternate, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TDK Taldyqorghhan, MTBS Maibute, CHKK Chushtakaly, KUUI Kurty, SEM Semipalatinsk, ZALV Zalesovo Beam, etc.

IDC 09 08:54:53.1-4.2, 5.09S, 152.74E, h58km, 38km, mb3.9/13, mb1.4/14, mb1mx3.9/34, mbtmp4.2/14, ML2.3/1, MS3.6/4, Ms1.3/6.4, ms1mx3.0/38, Error ellipse: s-maj=24.3km s-min=20.5km az=109.0

NEIC 09 08:54:53.0-1.4, 5.04S, 0.07x152.7E-0.1, h55km, 6km, mb4.6/24, Error ellipse: s-maj=17.7km s-min=9.9km az=91.0

IDC 09 10:02:34.7-1.9, 36.26N, 4.75W, h79km, 24km, mb3.2/5, mb1.3/6/10, mb1mx3.3/51, mbtmp3.6/10, Error ellipse: s-maj=36.5km s-min=13.2km az=98.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, PMG Port Moresby, PATS Pohorpei, DZM Mont Dzumac, WB0 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WB0 Warramunga Arr, WRAB Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES FINESS Array B, TXAR Lajitas Array, EMAL Malaga-Limoner, EMAL Malaga-Limoner, REAL Reales, etc.

IDC 09 09:22:13.5-3.0, 2.67N, 124.01E, h316km, 32km, mb3.8/13, mb1.3/9/14, mb1mx3.6/48, mbtmp4.5/14, Error ellipse:

IDC 09 10:02:36.0-3.0, 36.30N, 4.50W, h93km, ML4.0, ALBORAN W, n233, 273/406, mb3.5/5, 30C-6D, Strait of Gibraltar

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like THZ Tophouse, LTZ Lake Taylor, and various other call signs.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KAPI Kappang, PMG Port Moresby, WRA Warramunga Arr, and various other call signs.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TGUH Acopya, ACON Acopya, and various other call signs.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Weight, Elevation Weight, Azimuth Status, Elevation Status, Azimuth Comment, Elevation Comment.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Weight, Elevation Weight, Azimuth Status, Elevation Status, Azimuth Comment, Elevation Comment.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Weight, Elevation Weight, Azimuth Status, Elevation Status, Azimuth Comment, Elevation Comment.

JMA 09 11:09:57.20.1, 37.16N; 141.35E, h48km, M3.9
JMA Felt II J.
NIED 09 11:09:57.37.16N; 141.35E, h48km, MW4.0, Moment Tensor Solution, s3 Moment tensor, Scale 10^15Nm; M=0.67; M0=0.11; M0=0.56; M0=0.37; M0=0.11; M0=0.69; Fault plane solution: M0:1.000000x10^15 Np1:0.240000, 0.71.000000, 0.97.000000. NP2:0.185.000000, 0.320.000000, 0.72.000000.
IDC 09 11:09:58.1.17, 37.09N; 141.47E, h54km, mb3.5/15,

mb1 3.7/21, mb1mx3.7/38, mbtmp3.8/21, ML3.5/5, MS3.0/5, Ms1 3.0/5, ms1mx2.6/35 Error ellipse: s-maj=15.5km s-min=10.3km az=106.0

ISC 09 11:09:54.3-0.9,37.13N,0.04:141.57E,0.08,h20km,6km, n43,c15/45,mb3.8/15,Near east coast of eastern Honshu

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

IDC 09 11:27:28.2, 1.3, 60.51S:25.33W, h0km, mb4.1/2, mb1 4.4/3, mb1mx3.9/27, mbtmp4.3/3, ML4.4/1, MS3.3/2, Ms1 3.3/2, ms1mx3.0/17, Error ellipse: s-maj=49.7km s-min=36.6km az=106.0

NEIC 09 11:27:33.2, 1.2, 60.3S:0.2:25.5W:0.4, h30km,6km, mb4.7/14, Error ellipse: s-maj=31.1km s-min=19.2km az=62.0

ISC 09 11:27:29.8-0.8, 60.4S:0.1:25.2W:0.2, h11km, n25, c124/22, mb4.7/9, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the South Sandwich Islands region.

1405 FEB

YKA Yellowknife Arr 140.01 314 PKP 11 46 58.4 +1.9 comp=2.0,4nm,0.8s,baz=122,slo=30,SNR=6.9

SOMN Songino Array 149.72 92 PKPbc PKPbc 11 47 18.9 +0.3 comp=2.0,1nm,0.4s,baz=220,slo=23,SNR=1.3

ILAR Eielson Array 153.62 305 PKPbc PKPbc 11 47 28.1 +1.2 comp=2.2,0nm,1.1s,baz=151,slo=2.1,SNR=6.8

ILAR Eielson Array 153.62 305 PKPbc 11 47 27.7 +0.8 comp=2.2,0nm,1.1s,baz=151,slo=2.1,SNR=6.8

IDC 09 11:45:55.7-2.9, 6.9S:129.94E, h76km,40km, mb3.3/1, mb1 3.3/5, mb1mx3.1/27, mbtmp3.4/5, ML3.2/4, Error ellipse: s-maj=69.4km s-min=23.7km az=92.0, Banda Sea

IDC 09 12:27:01.9, 1.5, 36.12N:136.97E, h229km,12km, mb2.8/3, mb1 3.1/3, mb1mx2.6/68, mbtmp3.4/3, Error ellipse: s-maj=48.9km s-min=19.4km az=95.0

JMA 09 12:27:03.0, 0.1, 36.09N:137.45E, h240km,1km, M3.0, ISC 09 12:27:03.1, 1.0, 36.09N:137.45E, h237km,7km, n43,c05/40, mb3.1/3, Eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Banda Sea and Eastern Honshu events.

IDC 09 12:50:05.3, 2.3, 40.2:48S:172.46E, h40km,29km, mb4.1/13, mb1 4.2/16, mb1mx4.2/31, mbtmp4.3/16, ML4.2/3, MS3.7/23, Ms1 3.7/23, ms1mx3.6/38, Error ellipse: s-maj=30.8km s-min=16.8km az=156.0

GCMT 12:50:05.1, 0.3, 20:55S:0:03:172:47E:0:02:h18km,1km, Mw1.9/69 Moment Tensors Solution, s26,c31, s69,c03, Duration: 0. Moment tensor: Scale: 1016Nm; Mw: 1.76; 14; Mw: 0.28; 11; Mw: 1.48; 10; Mw: 0.57; 25; Mw: 1.08; 05; Mw: 0.82; 18; Best double couple: Mw: 2.0000; 1016 NP1:36.54.00000; d44.00000; -i,52.00000. NP2: e187.00000; s86.00000; -i,121.00000. Principal axes: T 2.1640, P1g7.0000, Azm298.0000; N 0.0750, P1g25.0000; Azm205.0000; P -2.2360, P1g64.0000; Azm42.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUJ 09 12:50:05.0, 0.0, 20:50S:172:50E, h46km, mb5.3/19, mb4.9/26, Ms5.2/3, Ms7.4/8.3

NEIC 09 12:50:06.1, 1.4, 20:53S:0:06:172:47E:0:06:h48km,6km, mb5.0/42, Error ellipse: s-maj=11.4km s-min=3.6km az=223.0

ISC 09 12:50:04.7, 0.5, 20:55S:0:09:172:51E:0:08,h35km,n205, c088/184, mb4.8/37, MS3.7/24, 13C-9D, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Vanuatu Islands region.

9d 12h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 9-day 12-hour period.

9d 13h

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

2015 FEB

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SQTA, FETA, DAVA, etc.

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

Table with columns: MK31, Makanchi Array, 37.73 348, P, Iamb, Iamb, 14 20 17.6 -0.4, 14 20 18.7, TRN, Trinidad (W), 0.84 105, Op, ISC, 14 20 42.2 +1.2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, TWT, baz, S, Sn, 15 10 50.2 0.0, etc.

Table with columns: TWT, baz, S, Sn, 15 10 50.2 0.0, ILA, baz=280, 0.65 351 eP, Pn, 15 10 40.5 -0.4, etc.

IDC 09 14:43:15.9:5.5, 16:48S:174:01W, h0km, mb4, 1/4, mb1 4.2/4, mb1mx3.8/34, mbtmap4.1/4, Error ellipse: s-maj=110.1km s-min=50.4km az=66.0, NEIC 09 14:43:23.4:1.4, 16:8S:0:2:174:2W:0:1, h35km, 2km, mb4-5/9, Error ellipse: s-maj=36.7km s-min=5.1km az=27.0

ISC 09 14:43:28.2:2.3, 16:8S:0:4:173:3W:0.2, h111km, n14, c056715, mb4.3/7, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, TWT, baz, S, Sn, 15 10 50.2 0.0, NIUE, Niue, 43.123, Op, Pn, 14 44 31.9 -0.3, etc.

JMA 09 15:02:26.3:24:07N:121:81E, h54km, 1km, M2.5, TAP 09 15:02:27.0:24:13N:121:82E, h52km, ML3.3, D, ISC 09 15:02:27.9:1.2, 24:12N:0:02:121:86E:0:02, h46km, 7km, n78, c056150, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, TWT, baz, S, Sn, 15 10 50.2 0.0, TWD, Chiawan, 0.25 261, Op, ISC, 15 10 35.8 -0.3, etc.

FUNV 09 14:20:24.7, 10:85N:62:18W, h28km, MW3.0, TRN 09 14:20:24.1, 10:94N:62:30W, h65km, MD3.3, ISC 09 14:20:22.1:1.3, 10:87N:0:03:62:22W:0:04, n101km, 1km, n21, c1945/38, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Makanchi Array, MK31, CHKK, etc.

NEIC 09 15:43:25.9 1.4, 38.83°N, 0.02°122.83'W, 0.04, h5km, 6km, Error ellipse: s-maj=5.4km s-min=1.8km az=65.0

NCEDC 09 15:43:25.6 1.8, 38.83°N, 0.02°122.85'W, 0.03, h5km, 7km, ML3.0/36, ML3.0/45(NEIC), Error ellipse: s-maj=3.6km s-min=3.1km az=217.0, Northern California

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BL67, YAK, BKS, etc.

IDC 09 16:05:53.5 2.3, 11.42°S, 167.15°E, h0km, mb3.7/4, mb1.4/1.5, mb1mx3.7/39, mbtmp3.9/5, ML4.6/1, MS3.4/4, Ms1.3/4.4, ms1mx2.0/26, Error ellipse: s-maj=7.63km s-min=3.12km az=145.0

NEIC 09 16:06:00.4 1.2, 11.63°S, 0.09°167.2°E, 0.1, h55km, 10km, mb4.5/8, Error ellipse: s-maj=16.8km s-min=12.7km az=76.0

ISC 09 16:05:58.7 0.9, 11.66°S, 0.1°167.2°E, 0.1, h35km, n19, 130/16, mb3.9/6, MS3.4/3, Santa Cruz Islands

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

IDC 09 16:40:04.6 1.5, 28.86°N, 52.21°E, h0km, mb3.6/7, mb1.3/7.8, mb1mx3.5/46, mbtmp3.7/8, ML3.6/1, MS2.8/1, Ms1.3/0.1, ms1mx2.4/48, Error ellipse: s-maj=33.3km s-min=26.3km az=171.0

TEH 09 16:40:06.3 28.87°N, 52.39°E, h12km, ML3.9, THR 09 16:40:08.0 0.3, 29.09°N, 52.29°E, h9km, 9km, ML3.7

ISC 09 16:40:06.4 0.7, 28.85°N, 0.05°52.35°E, 0.04, h12km, n43, 133/42, mb3.7/7, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like QIR1, QIR2, SHI, etc.

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

NEIC 09 16:45:29.7 0.5, 1.71°N, 0.07°126.4°E, 0.1, h10km, 2km, mb4.6/11, Error ellipse: s-maj=21.1km s-min=12.5km az=273.0

IDC 09 16:45:32.4 2.2, 1.29°N, 125.97°E, h0km, mb3.2/3, mb1.3/4.3, mb1mx3.3/39, mbtmp3.2/3, MS3.8/1, Ms1.3/8.1, ms1mx2.4/22, Error ellipse: s-maj=183.0km s-min=28.0km az=65.0

ISC 09 16:45:30.7 0.9, 1.70°N, 0.1°126.4°E, 0.2, h10km, n16, 152/15, mb4.3/9, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TINTI, WB0, WRAB, etc.

JMA 09 16:56:47.8 0.1, 40.53°N, 141.49°E, h85km, 1km, M3.4, Broadband fault plane solution: P waves. NP1: phi=107.000000, delta=2.000000, lambda=1.65.000000. NP2: phi=209.000000, delta=3.80.000000, lambda=4.49.000000. Principal axes: T P1g41.00000, Azm81.00000, N P1g40.00000, Azm217.00000, P P1g24.00000, Azm329.00000

JMA Felt J1, IDC 09 16:56:49.1 1.9, 40.48°N, 141.57°E, h107km, 19km, mb3.3/5, mb1.3/3.8, mb1mx3.1/63, mbtmp3.6/8, Error ellipse: s-maj=30.7km s-min=16.1km az=98.0

ISC 09 16:56:47.8 0.9, 40.53°N, 141.46°E, 0.1, h84km, 6km, n22, 116/30, mb3.6/5, 5C-5D, Near east coast of eastern Honshu

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

IDC 09 16:56:58.4 2.3, 22.80°N, 121.03°W, h0km, mb3.8/4, mb1.3/8.6, mb1mx3.5/48, mbtmp3.6/6, ML3.4/2, Error ellipse: s-maj=22.9km s-min=25.4km az=70.0

NEIC 09 16:56:59.3 1.9, 22.77°N, 1.12°11W, 0.1, h15km, 5km, mb4.4/7, Error ellipse: s-maj=21.5km s-min=11.0km az=112.0

Table with columns: SMAR, Somma, 5.10 23 PN, Pn, 17 55 23.2 +2.3, etc. Includes stations like SMAR, KORA, KRER, KRX, etc.

Table with columns: BOSA, Boshof, 137.18 279 PKIP, PKPdf, 18 13 25.1 -1.0, etc. Includes stations like BOSA, WRMI, SDHI, etc.

Table with columns: HNR, Honiara, 7.15 286 P, Pn, 18 36 54.0 +0.5, etc. Includes stations like HNR, DZM, DZM, etc.

MEX 09 18:47:52.9-0.3, 15:15N-91.98W, h11km, 9km, MD3.5, Mexico-Guatemala border region

SKO 09 19:24:15.3, 40:93N-22:24E, h15km SOF 09 19:24:16.7, 40:91N-22:39E, h5km MD2.7 ATH 09 19:24:16.3, 40:95N-22:16E, h6km, 3km, ML2.3/6, Error ellipse: s-maj=3.2km s-min=0.8km az=175.0

THE 09 19:24:16.4, 40.93N, 22.23E, h1km, 2km, ML2.3/9, Error ellipse: s-maj=2.4km s-min=0.5km az=310.0

ISC 09 19:24:16.5: 1.0, 40.93N, 0.02, 22.23E, 0.02, h6km, 8km, n44, c0559/69, 1C-70, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GRG, Valandovo, Kendrikon, Thessaloniki, etc.

NNC 09 19:35:22.6: 0.4, 42.91N, 76.98E, h8km, 2km, mb3.7, mpv3.8, Error ellipse: s-maj=3.5km s-min=1.7km az=169.0

SOME 09 19:35:23.3, 42.93N, 76.97E, h15km, Error ellipse: s-maj=2.9km s-min=2.8km az=51.0

KINET 09 19:35:24.0, 42.90N, 76.83E, h14km, 2km, ml2.9, Error ellipse: s-maj=2.9km s-min=2.8km az=51.0

ISC 09 19:35:23.6: 0.9, 42.93N, 0.02, 76.97E, 0.01, h13km, 7km, n100, c1909/183, 32C-35D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TNSS, MDOK, KURS, SATY, etc.

Main table with columns: IZV, Az, Phase ID, Time, Res, ISC. Lists stations like AAA, KNDK, KOTBS, MTBS, etc.

Table with columns: KRBS, Az, Phase ID, Time, Res, ISC. Lists stations like KPKS, ARXS, ARXS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, MAK2 Makanchi, MK31 Makanchi Array, etc.

SLM 09 19:35:47.8, 0.9, 36.87N, 0.01, 89.44W, 0.02, 17km, 4km, Mo2, 7/23, mb_Lg2.5/19(NEIC), Error ellipse: s-maj=1.9km s-min=1.5km az=68.0

NEIC 09 19:35:47.5, 0.7, 36.87N, 0.01, 89.44W, 0.02, 112km, 4km, Error ellipse: s-maj=1.9km s-min=1.5km az=73.0, New Madrid region, Missouri

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across Missouri and surrounding areas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like P46A Rosedale, P40A Paris, W50A Signal Mountai, etc.

IDC 09 20:09:34.0, 0.8, 6.79N, 73.01W, h160km, 12km, mb3.1/1, mb1 3.7/1, mb1mx3.1/28, mbtmp4.0/4, MS2.6/1, Ms1 2.6/1, ms1mx2.1/14, Error ellipse: s-maj=50.1km s-min=7.4km az=132.0

RSNC 09 20:09:35.4, 1.1, 6.81N, 73.17W, h148km, 4km, ML3.5, Mw3.7, Fault plane solution: NPT1p35.000000, 0.18.000000, 11.000000

ISC 09 20:09:33.7, 0.9, 6.83N, 0.03, 73.14W, 0.04, h158km, 6km, n41, -15.07/2, 4C-3D, Northern Colombia

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across various regions.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, MOS 09 20:12:10.8, etc.

MOS 09 20:12:10.8, 1.2, 43.88N, 146.85E, h117km, mb4.3/1, Error ellipse: s-maj=32.6km s-min=21.9km az=73.1 JMA 09 20:12:14.4, 0.3, 44.07N, 146.84E, h84km, 4km, M3.5 SKHL 09 20:12:14.2, 0.5, 44.10N, 146.80E, h92km, 3km, mb4.9/3, msha5.8/3

ISC 09 20:12:13.1, 1.3, 44.00N, 0.07, 146.91E, 0.08, h89km, 10km, n29, -1927/45, 3C, Kuril Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across various regions.

NEIC 09 20:19:22.4, 1.3, 11.9N, 0.2, 142.6E, 0.2, h65km, 9km, mb4.2/8, Error ellipse: s-maj=25.6km s-min=19.6km az=127.0

IDC 09 20:19:23.0, 2.6, 11.89N, 142.73E, h72km, 26km, mb3.5/10, mb1 3.7/1, mb1mx3.5/46, mbtmp3.8/11, MS2.7/2, Ms1 2.8/2, ms1mx2.4/33, Error ellipse: s-maj=26.8km s-min=16.9km az=112.0

ISC 09 20:19:20.2, 0.8, 11.9N, 0.1, 142.5E, 0.1, h42km, n26, 1504/26, mb4.0/13, South of Mariana Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across various regions.

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DDA 09 22:52:49.6, 39°43N, 40°14E, h13km, 3km, MW4.3
ISK 09 22:52:49.5, 39°42N, 40°15E, h5km, ML4.1/32
IDC 09 22:52:51.0, 0.8, 39°51N, 40°18E, h0km, mb3.8/11,
mb1 3.9/27, mb1mx3.8/66, mbmp3.8/27, ML3.4/11,
MS3.3/18, Ms1 3.3/18, ms1mx3.1/60, Error ellipse:
s-maj=15.3km s-min=9.7km az=149.0

MOS 09 22:52:52.0, 1.5, 39°53N, 40°19E, h10km, mb4.2/15, Error
ellipse: s-maj=6.9km s-min=4.7km az=82.8
NEIC 09 22:52:53.8, 2.2, 39°50N, 0°03.40, 35E, 0.07, h10km, 1km,
mb4.2/14, ML4.1(SK), Error ellipse: s-maj=9.0km
s-min=4.9km az=112.0

ISC 09 22:52:52.6, 0.4, 39°38N, 0°02.40, 17E, 0.01, h10km, n221,
c2515/254, mb3.9/40, MS3.3/12, 15C-11Z, Turkey

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

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Contains a large list of stations and their data points.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Contains a large list of stations and their data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NJ2, CMAR, MJAR, KSRs, XAN, CN2, LZH, HHC, ASAJ, GTA, KLR, RUM, GUN, GKN, SONM, SONN, DGM, WMQ, ZSN, SHLS, MK31, MKAR, MKAR, MAKZ, KSH, KSH, KSH, SATY, KPKS, MDOK, TDK, CHHK, KUU, AAK, ZAAO, ZALV, SEM, BTLS, KURK, IUG, KK31, KKAR, KKAR, BRVK, GEYT, ILAR, TORD.

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

ISC 09 23:54:27.21.0, 30:77N:142:17E, h0km, mb3.6/7, mb1.3/8.8, mb1mx3.6/33, mbtmp3.6/6, ML3.1/1, MS3.3/1, Ms1.3/3.1, ms1mx2.3/4.1, Error ellipse: s-maj=35.9km s-min=20.1km az=85.0

NEIC 09 23:54:30.9.0.8, 30:8N:0:1x142:1E:0.2, h29km, 8km, mb4.2/7, Error ellipse: s-maj=22.0km s-min=17.4km az=79.0

ISC 09 23:54:30.8.0.9, 30:8N:0:1x142:1E:0.1, h24km, n23, c069/22, mb3.9/11, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR, MAJO, MAI, JMM, JMT, SONM, SONM, MK31, MKAR, MAKZ, KURK, WBO, WRO, WBO, WBO, WRA, RSO, ILAR, ASAR, INK, YKA, FINES.

TAP 09 23:57:52.7, 23:13N:120:96E, h3km, ML1.3, 1C, B, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELDTW, STYH, STYH, STYT, LONT, LONT, FULB, FULB, SLGT, TWG, TWG, TWGBT, WTP, WTP, TPUB, EDH, EDH, TWFI, EYUL, CHN4, CHN4, ALS, ALS, EHY, TSMG, TSMG, HGSD, HGSD, VWDT, VWDT, WLBG, WLBG, SLIU, SLIU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STYT, LONT, FULB, TWG, TWG, TWGBT, TWGBT, SLGT, SLGT, WTP, WTP, TPUB, TPUB, TWFI, CHN4, CHN4, HGSD.

ISC 10 00:26:22.2.3.1, 32:92Sx178:51W, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.7/27, mbtmp3.7/3, ML3.7/1, Error ellipse: s-maj=73.6km s-min=47.0km az=125.0

NEIC 10 00:26:26.2.0.6, 33:35S:0:1x178:4W:0:1, h35km, 1km, mb4.2/7, Error ellipse: s-maj=20.1km s-min=8.7km az=316.0

ISC 10 00:26:26.2.1.1, 33:35S:0:1x178:4W:0.2, h35km, n16, c1800/17, mb4.1/6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO, URZ, URZ, HIZ, EIDS, ASAR, WRO, WRO, WRO, WRA, WRO, WRO, FORT, VNA, VNA, QMFT, FINES.

ISC 10 00:39:21.4.2.3, 56:01Sx26:87W, h0km, mb3.8/1, mb1.3/8.1, mb1mx3.9/19, mbtmp3.8/1, Error ellipse: s-maj=123.6km s-min=79.4km az=130.0, South Sandwich islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10N1, H10N3, H10N2, TORD, ILAR, SONM.

NEIC 10 00:45:57.8.2.0, 1:15S:0:1x139:91E:0.04, h35km, 2km, mb4.4/17, Error ellipse: s-maj=19.8km s-min=7.1km az=0.0

ISC 10 00:46:03.5.1.3, 2:13S:139:70E, h0km, mb3.8/5, mb1.4/1.6, mb1mx3.8/32, mbtmp3.9/6, ML3.9/1, MS3.3/4, Ms1.3/3.4, ms1mx2.9/3.1, Error ellipse: s-maj=47.3km s-min=24.4km az=95.0

ISC 10 00:46:02.0.1.6, 1:65S:0:2x139:70E:0.1, h35km, n35, c2801/26, mb4.2/11, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAKI, COEN, MTN, GUMO, WBO, WRO, WRO, WRA, WRA, WRA, FITZ, FITZ, FITZ, FITZ, AS31, ASAR, ASAR, ASAR, EIDS, EIDS, JAGI, FORT, FORT, BBOO, BBOO, H11N1, H11N2, H11N3, JHS, JHS, NWAO, NWAO.

ISC 09 23:48:34.9.2.3, 26:74N:126:86E, h135km, 22km, mb3.2/5, mb1.3/4.6, mb1mx3.0/38, mbtmp3.6/6, Error ellipse: s-maj=14.4km s-min=16.7km az=79.0

JMA 09 23:48:34.4.0.3, 26:70N:126:61E, h119km, 3km, MA.0

ISC 09 23:48:33.8.0.9, 26:70N:0:1x126:62E:0:08, h125km, 7km, n19, c082/31, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKE, JKE, JAGN, JAGN, JTT3, JTT3, JTT3, JHT, JHT, JHT, JINTH, JINTH, JOW, JOW, JOW, JYRO, JYRO, JOKE, JOKE, JIKM, JIKM, JIKM, JOGS, JOGS, JMUJ, JMUJ, JTK, JTK, JNU, JNU, WRA, ASAR, STKA, YKA.

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

MOS 10 01:01:49.9-0.7, 44:35N, 148:58E, h42km, mb4.2/1, Error ellipse: s-maj=30.2km s-min=16.3km az=54.9

JMA 10 01:01:51.7-0.6, 44:12N, 148:26E, h103km, M3.5

SKHL 10 01:01:51.0-0.6, 44:60N, 148:00E, h112km, gkm, mb4.5/3, msh5.3/3

IDC 10 01:01:54.5-1.1, 44:97N, 148:05E, h129km, 7km, mb3.5/6, mb1 3.6/6, mb1mx3.2/38, mbmt3.9/6, Error ellipse: s-maj=122.5km s-min=26.5km az=176.0

ISC 10 01:01:49.0-1.3, 44:4AN, 01:148:3E, 0.1, h101km, gkm, n34, e138/41, mb3.6/5, 1C, Kuril Islands

Main table of station data for the first section, including Kuril'sk, Eielson Array, Dimbokoro, etc.

IDC 10 01:04:48.4-2.3, 33:98S, 178:88W, h0km, mb4.1/2, mb1 4.3/4, mb1mx4.0/25, mbmt3.4/4, ML3.9/2, Error ellipse: s-maj=58.4km s-min=30.8km az=121.0

WEL 10 01:04:52.3-1.1, 34:52S, 21:17:8W, 2.8, h180km, 27km, M4.3/12, mb4.5/3, ML4.6/7, MLV4.3/12, MWM(B)3.6/3, Error ellipse: s-maj=0.0km s-min=0.0km az=125.7

ISC 10 01:04:52.4-1.9, 33:95S, 01:178:7W, 0.3, h35km, n23, e158/37, South of Kermadec Islands

Table of station data for the second section, including MZK Matakaoa Point, PKGZ Pakihiroa, etc.

Table of station data for the third section, including Carnagh Station, Matawai, Urewera, etc.

INET 10 01:20:40.10, 10:91N, 85:51W, h32km, ML3.6, MW2.7, Costa Rica

IDC 10 01:24:42.9-16.0, 4:85S, 128:79E, h196km, 177km, mb3.5/1, mb1 3.5/4, mb1mx3.2/35, mbmt3.4/4, ML3.7/3, MS3.4/1, Ms1 3.4/1, ms1mx2.6/24, Error ellipse: s-maj=123.6km s-min=47.6km az=47.0, Banda Sea

Table of station data for the fourth section, including FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

IDC 10 01:34:51.5-2.5, 10:47S, 161:26E, h44km, 19km, mb3.6/8, mb1 3.9/9, mb1mx3.7/26, mbmt3.4/4, MS3.1/4, Ms1 3.4/4, ms1mx2.8/25, Error ellipse: s-maj=27.5km s-min=19.1km az=78.0

ISC 10 01:34:49.3-0.8, 10:46S, 01:161:4E, 0.1, h61km, n17, e213/19, mb3.9/8, Bougainville-Solomon Islands region

Main table of station data for the fifth section, including HNR Honiara, NOUC Port Laguerre, etc.

IDC 10 01:50:44.6-2.2, 7:01S, 150:82E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.6/23, mbmt3.7/4, MS3.9/1, Ms1 3.9/1, ms1mx2.6/23, Error ellipse: s-maj=114.9km s-min=30.3km az=130.0, New Britain region

Table of station data for the sixth section, including PMG Port Moresby, WRA Warrungarra Arr, etc.

IGQ 10 02:14:09.0-7.1, 1S, 2x8'1W, h10km, h10km, NEIC 10 02:14:10.1-1.9, 0:89S, 0:09-80:95W, 0:06, h28km, 8km, Error ellipse: s-maj=12.9km s-min=8.6km az=168.0

IDC 10 02:14:15.7-2.9, 0:96S, 80:99W, h69km, 28km, mb3.5/8, Mb1 3.8/11, mb1mx3.6/33, mbmt3.4/7, MS3.2/9, Ms1 3.2/9, ms1mx3.0/27, Error ellipse: s-maj=33.9km s-min=17.7km az=52.0

ISC 10 02:14:08.3-0.6, 0:83S, 0:03-80:91W, 0:05, h10km, n90, e156/01, mb3.9/9, MS3.5/5, Near coast of Ecuador

Table of station data for the seventh section, including CAB1 Cabo Pasado-Ma, PABP Puerto Lázaro, etc.

Main table of station data for the eighth section, including MORR Playas El Morr, BV15 Puerto Quito-O, etc.

DJA 10 02:50:53.8-0.4, 8:53S, 12:02E, h162km, 6km, M3.8/12, ML3.9/12

IDC 10 02:50:56.0-1.9, 7:99S, 119:93E, h195km, 17km, mb3.2/4, mb1 3.4/7, mb1mx3.2/37, mbmt3.8/7, Error ellipse: s-maj=54.7km s-min=9.8km az=56.0

ISC 10 02:50:53.0-0.8, 8:26S, 0:05-119:52E, 0:05, h170km, n19, e138/25, MS3.4/3, Flores region

Table of station data for the ninth section, including WSI Waingapu, PLAI Plampang, etc.

Table with columns: Station, Name, Time, Power, Frequency, and other technical details. Includes stations like HNAT, TR2, SOC, GRB, ANN, NEY, etc.

Table with columns: Station, Name, Time, Power, Frequency, and other technical details. Includes stations like NACGM, SUWALKI, KBA, ZOU, IDID, OSTO, etc.

Table with columns: Station, Name, Time, Power, Frequency, and other technical details. Includes stations like ARU, FINES, LOR, AVF, UPP, SVE, IUG, etc.

Table with columns: MFF, Saint Martin d, 5.22 296, eP, Pn, 05 40 30.3 +1.2, 05 41 23.6 -5.3, etc.

LDG 10 05:39:24.2.0.1, 44.54N; 6.67E, h8km, Md2.8/1, MI3.3/59, Error ellipse: s-maj=1.0km s-min=0.7km az=82.0, STR 10 05:39:24.2.0.3, 45 N; 2.2 E, h8km, MLV3.0/7, sm:scs:0.6/LOC SAT earthModelID sm:scs:0.6/eps: tap-2.11 preliminary ISC 10 05:39:24.7.0.8, 44.551N; 0.02:6.65E; 0.02, h18km; 4km, n66, z291/130, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like OGAG Argentiere, MBDF Montbardon, ISO Isola, etc.

Table with columns: MTLF, 19nm,0.4s, eSg, Sn, 05 40 55.0 -2.0, 05 41 12.0 -2.2, etc.

NNC 10 06:07:29.6:5.7, 37.03N; 70.60E, h0km, mb3.8, mpv3.5, 4C D. Error ellipse: s-maj=46.0km s-min=42.5km az=43.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like IUG Luzhnyy, MRKS Merke, MRKS Karabastu, etc.

Table with columns: ULHL Ulahol, 2.68 23, Pn, 06 14 02.3 +1.9, 06 14 37.4 -0.9, etc.

10d 7h

Table with columns: PDGK, MNBS, MNBS, MNBS, BTLS, BTLS, BTLS. Includes station names like Baschi, Chiawan, Nanau, Nanchiao, etc.

TAP 10 06:58:43.6, 24.01N; 122.36E, h16km, 1km, ML3.0, D
JMA 10 06:58:43.8, 0.2, 23.97N; 122.40E, h20km, 4km, M2.7
ISC 10 06:58:43.6, 1.2, 23.98N; 0.02, 122.38E; 0.02, h18km, 4km,

Main table for 10d 7h section with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists various stations and their associated data.

2015 FEB

Main table for 2015 FEB section with columns: NSTT, ELDTW, ELDTW, JKRS, ALS, ALS, JJU, JJU, TWGBT, TWGBT, TWG, TPUB, TPUB, WTP, WTP, WTK, WTK, JISG, JISG, CHN1, CHN1, LAY, LAY, MASBT, MASBT, EAST, EAST, PHUB, PHUB. Includes station names like Nanjuang, Lidu, Kuro-shima, Alishan, Ishigaki jima, Beinan, Pinlang, Ta-pu, Ta-pu, Tuku, Ishigakijimahi, Nanshi, Nanshi, Lan-yu, Mashibuluo, Anshuo, Peng-hu, etc.

ISC 10 07:10:45.3; 3.6, 54.48N; 87.21E, h0km, mb1 3.0/2,
mb1mx2.9/43, mbtmp3.0/2, ML2.3/1, Error ellipse:
s-maj=32.5km s-min=21.1km az=43.0, Southwestern
Siberia

SOME 10 07:11:29.6, 41.00N; 70.80E, h10km
NNC 10 07:11:30.6, 5.4, 41.03N; 69.56E, h142km, 50km, mb 1.9,
mpv3.5, Error ellipse: s-maj=93.9km s-min=52.8km
az=99.0

KRNET 10 07:11:30.5, 0.1, 41.26N; 70.56E, h13km, mb2.4
ISC 10 07:11:31.7; 1.5, 41.25N; 70.65E; 0.05, h15km, 13km,
n18, +193/28, 18C-6D, Kyrgyzstan

440

Table for 082/29, 14C-9D, Eastern Kazakhstan section with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Kurchatov Arra, Kurchatov Arra, Kurchatov Arra, etc.

ISC 10 07:14:19.2; 1.9, 8.47S; 129.38E, h0km, mb3.9/1,
mb1 3.5/3, mb1mx3.3/39, mbtmp3.4/3, ML3.2/2, Error
ellipse: s-maj=117.9km s-min=31.3km az=66.0, Timor
Sea

Table for WARRAMUNGU ARR section with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Warramungu Arr, Alice Springs, etc.

ISC 10 07:21:55.4; 1.4, 44.72N; 124.06E, h0km, mb3.8/2,
mb1 3.7/5, mb1mx3.3/43, mbtmp3.7/5, ML3.6/2, MS2.7/3,
Ms1 2.7/3, ms1mx2.5/41, Error ellipse: s-maj=23.8km
s-min=17.4km az=20.0, Northeastern China

Table for USSURIYSK AR section with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Ussuriysk Ar, Korea Array, etc.

ISC 10 07:32:34.8; 0.9, 37.29N; 98.10W, h0km, mb3.6/1,
mb1 3.9/6, mb1mx3.6/37, mbtmp3.6/6, ML2.3/2, Error
ellipse: s-maj=11.4km s-min=11.0km az=123.0

NEIC 10 07:32:36.1; 3.3, 37.19N; 0.02, 98.02W; 0.02, h5km, 1km,
mb_Lg3.6/131, Error ellipse: s-maj=4.8km s-min=2.8km
az=33.0

ANF 10 07:32:37.2; 0.6, 37.20N; 98.00W, h16km, 4km, ML4.5/16,
Error ellipse: s-maj=1.9km s-min=1.5km az=40.0

ISC 10 07:32:36.0; 0.8, 37.20N; 0.02, 98.02W; 0.03, h7km, 5km,
n170, 0891/185, Kansas

Table for ANTHONY NE STA section with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Anthony NE Sta, Anthony SW Sta, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TWB1, EHY, TIPB, CHGB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PHUB, PNG, PTTC, etc.

PGC 10 07:39:42.6,54.41N:117.16W,h1km,ML3.6/7,180km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MNB, NBC4, EDM, etc.

KRNET 10 08:04:55.7,0.1,40.30N:79.82E,mb3.2

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PRZ, KDJ, ANVS, etc.

SCEDC 10 08:05:24.6,31.52N:115.67W,h14km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VTX, SXX, SPJ, etc.

MEX 10 08:05:26.4,0.8,31.45N:115.64W,h12km,17km,MD3.6

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VTX, SXX, SPJ, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TKM2, KTBS, KTBS, etc.

ANF 10 08:05:23.4,2.0,31.56N:115.62W,h6km,9km,ML2.7/8

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VTX, SXX, SPJ, etc.

NEIC 10 08:05:24.1,2.1,31.56N:115.63W,0.03,h5km,6km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VTX, SXX, SPJ, etc.

MEX 10 08:05:26.4,0.8,31.45N:115.64W,h12km,17km,MD3.6

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VTX, SXX, SPJ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like FIA1, FINES, KIRV, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like ZSN, DGZ, DBIC, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like CSPA, CSE1, CPG1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek.

IDC 10 10:09:33.2,4,6,20S:146/47E, h10km, 23km, mb3.3/3, mb1 3.4/6, mb1mx3.1/37, mbtmp3.7/6, MS2.4/1, Ms1 2.4/1, ms1mx2.2/2.1, Error ellipse: s-maj=28.1km s-min=20.0km az=60.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG 37m, JAY Jayapura, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array, TORD Torodi Arr, MKAR Makanchi Array.

IDC 10 10:10:06.7,2.3,1,66N:125/96E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/44, mbtmp3.4/3, MS2.8/1, Ms1 3.0/1, s-m1mx2.4/2.5, Error ellipse: s-maj=226.0km s-min=26.9km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array.

NEIC 10 10:20:11.7,2.5,20:8S:0:1:170:11E:0:09, h10km, 1km, mb4.5/11, Error ellipse: s-maj=20.2km s-min=11.2km az=153.0

IDC 10 10:20:12.3,1.1,20:56S:169:86E, h0km, mb4.1/6, mb1 4.3/9, mb1mx4.1/30, mbtmp4.1/9, ML4.8/2, MS3.3/8, Ms1 3.3/8, ms1mx3.1/23, Error ellipse: s-maj=37.3km s-min=19.1km az=155.0

NOU 10 10:20:18.7,20:73S:169:51E, h0km, MLV3.9, Vanuatu Islands

IDC 10 10:20:12.8,0.7,20:66S:0:07:169:95E:0:07, h10km, n38, s176/38, mb4.4/11, MS3.4/4, Vanuatu Islands

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LIFNC LIFOU, DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, NIUE Niue, GLKZ Green Lake, DZM Mont Dzumac, SANVU Saraoutou, OUZ Omahuta, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like THZ Topohouse, KHZ Kahurangi, LTZ Lake Taylor, WHZ Wether Hill, WHZ Wether Hill, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ARMA Armadale, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JAY Jayapura, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, AKASG Malin Array B, MBAR Mbarara, BRTR Keskin Array B, BRTR Keskin Array B, BRUR Bucovina Arr, CLL Collim, CLL Collim, VYHS Vyhn, KHER Kasperke Hory, GERE GERESE Array B, TORD Torodi Arr, TORD Torodi Arr, etc.

IDC 10 10:41:14.6,3.6,5:31S:10:99W, h0km, mb4.1/9, mb1 4.2/9, mb1mx4.0/35, mbtmp4.1/9, MS3.3/7, Ms1 3.3/7, ms1mx3.1/30, Error ellipse: s-maj=95.8km s-min=24.8km az=73.0

IDC 10 10:41:16.4,3.3,5:35S:0:2:10:9W:0:6, h10km, n16, s180/9, mb4.0/8, MS3.2/6, Ascension Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR, H10N1 ASCENSION HYDR, H10N3 ASCENSION HYDR, DBIC Dimbokro, KOWA Kowa, KOWA Kowa, TORD Torodi Arr, TORD Torodi Arr, RCBR Riachuelo, BDFB Brasilia, MDT Madrid, MATP Matapo, BOSA Boshu, BOSA Boshu, GERE GERESE Array B, BRTR Keskin Array B, ROSC El Rosal, AKASG Malin Array B, KBZ Khabaz, etc.

NOU 10 10:46:59.9,37:89S:176:78E, h116km, MLV3.5, North Island, New Zealand

WEL 10 10:47:01.0,38:52:177E:1, h119km, 3km, M2.6/52, MLV2.6/52, Error ellipse: s-maj=0.0km s-min=0.0km az=173.0, North Island

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OPRZ Ohinepanea, OMRZ Omnia, KARZ Kaharoa, TARZ Mount Tarawera, TGRZ Taurangi, NGRZ Ngatohia, HLRZ Highlands Stats, UTU Utuhina, RRRZ Republican Roa, RRRZ Hossack Road, KMRZ Hancock Road, KMRZ Hancock Road, GRRZ Galatos Road, MUGZ Murupara, PRRZ Plateau Road, KUTZ Kaahu Road, MWZ Matawai, RAGZ Rawiri, RUGZ Raukumara Rang, SNRZ Tahuroa Road, MRHZ Mahia Peninsula, TLZ Tolley Road, MTHZ Maungataniwha, HAZ Te Kaha, HAZ Hinemaiaia, HAZ Shannon Statio, RAHZ Arah, TKGZ Te Karaka, TWGZ Tauwharepareae, NMHZ Naumai, PKGZ Pakihoro, TWZ Te Maari, KUZ Kaatunui, CNGZ Carnagh Statio, WTVZ West Tongario, MKAZ Oturere, MKAZ Moutakai, PRGZ Pakarua Road, MXZ Matakoaka Point, WMGZ Waioamatini S, HIZ Hawaii, KWHZ Kaweka Forest, MNHZ McNeill Hill, WNZ Whangarei, MWZ Whanonga, BHHZ Black Hills Sta, MHGZ Mahia Peninsula, MOVZ Moawhango, MIWZ Moitike Island, EIZ Eilat, MTVZ Mangateitei, KRHZ Kereru, AKWZ Cape Kidnapper, OHZ Awitahi Peninsula, MRHZ Motutua North, VRZ Vera Road, KAHZ Kahurangi, PNHZ Pukenui, PXZ Pawanui, WPHZ Wapukurua, PRGZ Pakarua Road, WAZ Wanganui, PRHZ Porangahau, PRNZ North Egmont, PKZ Pukeiti, ANKE Angora Road, MRZ Mangatoinoka, BFZ Birch Farm, MRZ Mangatoinoka, TIWZ Tiutoct, etc.

Table with columns: HOWZ, OGWZ, KIW, TMWZ, MTWZ, CAW, PLWZ, QRZ, THZ, KHZ. Includes station names like Holdsworth Sta, Otaki Island, Kapiti Gorge, etc.

ISK 10 10:49:43.2,36:45N,35:71E, h24km, ML2.6/10
DDA 10 10:49:43.0,36:44N,35:61E, h10km,3km, ML2.3
ISC 10 10:49:44.1,1,36:43N,0:06,35:62E,0:03, h25km, gkm, n20, e1513/32, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like KRTO Karatas-Adana, KRIS Karatas, TAHT Tahtakopru-Hat, etc.

DNK 10 11:09:12.8,2,1,69:47N,52:98W, h26km, 17km, ML1.6, Western Kalaallit Nunaat

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like ILULI Ilulissat, NUUG Nuugaatsiaq, SFJD Kangerlussuaq, etc.

DNK 10 11:14:36.7,1,6,69:44N,52:69W, h34km, 12km, ML1.4, Western Kalaallit Nunaat

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like ILULI Ilulissat, NUUG Nuugaatsiaq, SFJD Kangerlussuaq, etc.

RNSC 10 11:35:52.9,2,0,2,72N,73:1W, h9km, 10km, ML2.4, Colombia

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like GUVG San Jose del G, MACC Macarena, Meta, PTGC Puerto Gaitan, etc.

RNSC 10 11:36:25.1,2,3,8:25N,72:25W, h4km, 14km, ML2.0, Venezuela

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like PAMC Pamplona, Colo, OCAC Ocana, SMLC San Martn de, etc.

mb3.7/3, mb1 3.9/4, mb1mx3.4/34, mbtmp4.1/4, ML3.8/1, Error ellipse: s-maj=822.9km s-min=94.3km az=64.0, Vanuatu Islands

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

IDC 10 12:27:01.0, 1.0, 8, 28:26S, 71:13W, h0km, mb4.0/8, mb1 4.2/11, mb1mx4.1/22, mbtmp3.9/11, ML3.8/3, MS3.0/4, Ms1 3.0/4, ms1mx2.9/21, Error ellipse: s-maj=27.7km s-min=22.7km az=69.0

NEIC 10 12:27:06.0, 2.4, 28:11S, 0:04, 71:29W, 0.08, h34km, 4km, Error ellipse: s-maj=10.7km s-min=5.0km az=100.0

GUC 10 12:27:06.7, 0.6, 28:19S, 71:17W, h34km, 2km, ML4.5

ISC 10 12:27:06.1, 0.6, 28:10S, 0:04, 71:27W, 0.07, h35km, n71, e1588/75, mb3.9/10, Near coast of central Chile

Large table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like AC04 Llanos de Chal, AC04 Las Campanas, AC04 Copiap, AC04 Maricunga, AC02 El Pedregal, AC02 Mino Guanaco, etc.

NEIC 10 12:34:20.0, 2, 1, 37:39N, 0:04, 71:9E, 0.1, h135km, gkm, mb4.0/2, Error ellipse: s-maj=14.0km s-min=5.8km az=99.0

NNC 10 12:34:21.1, 2, 6, 38:74N, 72:69E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=21.8km s-min=10.2km az=170.0

ISC 10 12:34:18.6, 0.5, 37:27N, 0:05, 71:92E, 0.05, h130km, n72, e240/89, mb3.8/10, 5C-6D, Afghanistan-Tajikistan border region

Large table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like KBL Kabul, NIL Nilore, AML Alamyashu, IUG Iuzhnyy, UCH Uchtor, EK2S Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

IDC 10 11:55:47.9, 45.0, 13:65S, 167:93E, h122km, 105km, s-min=17.5km az=169.0

IDC 10 12:34:17.5, 3.9, 37:10N, 71:91E, h118km, 27km, mb3.5/10, mb1 3.6/16, mb1mx3.5/6, mbtmp4.0/16, MS3.8/1, Ms1 3.8/1, ms1mx2.5/37, Error ellipse: s-maj=40.7km s-min=17.5km az=169.0

ZALV Zalesovo Beam 18.91 24 P 12 38 29.6 +0.7

Table with columns: QVAR, Kislodovsk Arr, 23.09 296 LR, LR, 12 50 28.9, 12 39 52.6 +1.6, 12 40 43.3 +1.9, 12 41 18.5 +1.1, 12 41 47.5 +1.4, 12 42 05.1 +1.0, 12 42 14.7 +1.1, 12 44 54.5 +0.1, 12 45 34.8 +1.2, 12 46 16.3 +0.9

IDC 10 13:25:18.9-0.9, 19.14Nk.67.18W, h0km, mb3.777, mb1 4.0/9, mb1mx3.7/62, mbtmp3.9/9, ML3.2/2, MS3.1/4, MS1 3.1/4, ms1mx2.8/51, Error ellipse: s-maj=26.4km s-min=15.2km az=50.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Aguadilla, PR, 0.72 178j, Op, Pn, 13 25 36.5 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Arecibo Observ, 0.92 157j, Op, Pn, 13 25 39.2 -0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Las Mesas, 1.01 177j, Op, Pn, 13 25 41.2 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Magueyes Islan, 1.22 176j, Op, Pn, 13 26 00.4 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Cerrillos, 1.23 155j, Op, Pn, 13 25 43.9 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Isla Caja de M, 1.42 156j, Op, Pn, 13 25 47.2 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, San Juan, 1.43 139, Pn, Pn, 13 25 46.9 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Culebra, Puert, 1.96 116j, Op, Pn, 13 25 53.9 -0.5

Table with columns: GRTK, Grand Turk, 4.40 302, Pn, Pn, 13 26 24.4 -3.6, 13 27 13.1, 13 27 16.6, 13 27 26.3 -2.1, 13 27 35.9 +0.8, 13 27 16.8 -1.9, 13 27 59.3 +0.5, 13 27 58.9 +3.0, 13 29 57.4 +1.5, 13 28 26.0 +0.1, 13 28 45.5 -0.5, 13 28 47.5 +1.6, 13 29 05.3 +0.1, 13 29 09.1 -1.2, 13 29 11.9 +1.1, 13 29 16.8 +0.6, 13 30 35.0, 13 30 03.8 -0.7, 13 30 03.7 -0.9, 13 37 58.9, 13 41 59.5, 13 44 37.4, 13 32 10.7 +0.2, 13 32 15.6 -1.7, 13 34 00.7 +0.9, 13 34 00.3 -0.4, 13 35 11.0 +0.9, 13 36 07.7 +0.1, 14 17 52.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Lajas, 34.67 294, P, P, 13 32 10.7 +0.2, 34.67 294, P, P, 13 32 15.6 -1.7, 42.70 313, P, P, 13 34 00.7 +0.9, 48.11 305, P, P, 13 34 00.3 -0.4, 57.52 55, P, P, 13 35 11.0 +0.9, 66.03 84, P, P, 13 36 07.7 +0.1, 90.32 43, LR, LR, 14 17 52.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Sand Point, 0.64 288, Op, Pn, 13 29 45.0 +0.2, 0.64 288, Sg, Sg, 13 29 42.2 -0.3, 0.64 288, IAML, IAML, 13 29 44.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Chignik, 1.28 26, Pn, Pn, 13 29 45.0 +0.2, 1.28 26, IAML, IAML, 13 30 02.7, 1.28 26, IAML, IAML, 13 30 05.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Pavlov South-1, 1.36 282, Pn, Pn, 13 29 45.4 +0.2, 1.36 282, Pn, Pn, 13 30 02.1 -1.0, 1.36 282, Pn, Pn, 13 29 45.5 0.0, 1.36 282, Pn, Pn, 13 29 45.9 0.0, 1.36 282, Pn, Pn, 13 29 46.4 +0.1, 1.36 282, Pn, Pn, 13 29 48.8 -0.3, 1.36 282, Pn, Pn, 13 30 28.4 +0.2, 1.36 282, Pn, Pn, 13 30 28.1 +1.0, 1.36 282, Pn, Pn, 13 30 22.2 +0.6, 1.36 282, Pn, Pn, 13 30 04.3 +1.1, 1.36 282, Pn, Pn, 13 30 37.7 +2.1, 1.36 282, Pn, Pn, 13 30 28.6 +0.7, 1.36 282, Pn, Pn, 13 30 05.3 +1.1, 1.36 282, Pn, Pn, 13 30 05.2 +0.9, 1.36 282, Pn, Pn, 13 30 07.7 +2.0, 1.36 282, Pn, Pn, 13 30 38.8 +2.0, 1.36 282, Pn, Pn, 13 30 17.1 +1.9, 1.36 282, Pn, Pn, 13 30 14.2 +2.4, 1.36 282, Pn, Pn, 13 30 49.2 +3.4, 1.36 282, Pn, Pn, 13 30 18.8 +2.3, 1.36 282, Pn, Pn, 13 30 10.5 +0.8, 1.36 282, Pn, Pn, 13 30 11.3 +1.5, 1.36 282, Pn, Pn, 13 30 12.4 +1.1, 1.36 282, Pn, Pn, 13 30 12.4 +1.0, 1.36 282, Pn, Pn, 13 31 19.2, 1.36 282, Pn, Pn, 13 31 25.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Westhadl Beart, 3.60 35, Pn, Pn, 13 30 18.8 +2.8, 3.60 35, Pn, Pn, 13 30 19.1 +1.9, 3.60 35, Pn, Pn, 13 30 19.9 +1.3, 3.60 35, Pn, Pn, 13 30 20.1 +1.5, 3.60 35, Pn, Pn, 13 31 03.4 +0.2, 3.60 35, Pn, Pn, 13 30 21.2 +2.8, 3.60 35, Pn, Pn, 13 30 19.9 +0.7, 3.60 35, Pn, Pn, 13 30 22.1 +2.5, 3.60 35, Pn, Pn, 13 31 02.2 +3.1, 3.60 35, Pn, Pn, 13 30 28.5 +2.8, 3.60 35, Pn, Pn, 13 30 21.6 +0.9, 3.60 35, Pn, Pn, 13 31 09.4 +2.8, 3.60 35, Pn, Pn, 13 30 21.6 +1.0, 3.60 35, Pn, Pn, 13 30 22.9 +2.0, 3.60 35, Pn, Pn, 13 30 22.5 +1.3, 3.60 35, Pn, Pn, 13 30 22.0 +0.6, 3.60 35, Pn, Pn, 13 31 34.2, 3.60 35, Pn, Pn, 13 30 22.0 +0.6, 3.60 35, Pn, Pn, 13 31 04.2, 3.60 35, Pn, Pn, 13 31 19.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Westhadl Peak, 3.14 260, Pn, Pn, 13 30 11.3 +1.5, 3.14 260, Pn, Pn, 13 30 12.4 +1.1, 3.14 260, Pn, Pn, 13 30 12.4 +1.0, 3.14 260, Pn, Pn, 13 31 19.2, 3.14 260, Pn, Pn, 13 31 25.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Mount Kelaz, 3.86 30, Pn, Pn, 13 30 28.5 +2.8, 3.86 30, Pn, Pn, 13 30 21.6 +1.0, 3.86 30, Pn, Pn, 13 30 22.9 +2.0, 3.86 30, Pn, Pn, 13 30 22.5 +1.3, 3.86 30, Pn, Pn, 13 30 22.0 +0.6, 3.86 30, Pn, Pn, 13 31 34.2, 3.86 30, Pn, Pn, 13 31 04.2, 3.86 30, Pn, Pn, 13 31 19.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Magazine Ridge, 5.28 254, Pn, Pn, 13 30 38.6 -0.4, 5.28 254, Pn, Pn, 13 30 42.7 +3.0, 5.28 254, Pn, Pn, 13 30 41.8 +0.5, 5.28 254, Pn, Pn, 13 30 45.9 +2.3, 5.28 254, Pn, Pn, 13 30 50.5 +2.0, 5.28 254, Pn, Pn, 13 30 47.5 -1.2, 5.28 254, Pn, Pn, 13 30 53.4 +2.3, 5.28 254, Pn, Pn, 13 32 00.1 -1.5, 5.28 254, Pn, Pn, 13 30 52.5 +1.4, 5.28 254, Pn, Pn, 13 30 53.0 +0.9, 5.28 254, Pn, Pn, 13 30 54.6 +1.6, 5.28 254, Pn, Pn, 13 30 55.5 +1.6, 5.28 254, Pn, Pn, 13 30 54.4 +0.2, 5.28 254, Pn, Pn, 13 30 59.9 +1.4, 5.28 254, Pn, Pn, 13 30 57.1 +2.0, 5.28 254, Pn, Pn, 13 30 56.4 +1.5, 5.28 254, Pn, Pn, 13 30 56.5 +0.4, 5.28 254, Pn, Pn, 13 30 57.2 +1.0, 5.28 254, Pn, Pn, 13 30 56.9 +0.3, 5.28 254, Pn, Pn, 13 31 06.2 +1.3, 5.28 254, Pn, Pn, 13 31 06.2 +1.3

Table with columns: SPCN, Chakachata No, 7.18 29, Pn, Pn, 13 31 07.1 +1.9, 7.18 29, Pn, Pn, 13 31 07.1 +1.2, 7.18 29, Pn, Pn, 13 31 07.9 +1.5, 7.18 29, Pn, Pn, 13 31 06.6 0.0, 7.18 29, Pn, Pn, 13 31 06.5 0.0, 7.18 29, Pn, Pn, 13 31 10.4 +0.2, 7.18 29, Pn, Pn, 13 31 14.9 +1.3, 7.18 29, Pn, Pn, 13 31 15.0 +0.7, 7.18 29, Pn, Pn, 13 32 41.1 -1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, AOPR, Rabbitt Creek A, 7.84 37, Pn, Pn, 13 31 14.9 +0.7, 7.84 37, Pn, Pn, 13 31 17.4 +1.4, 7.84 37, Pn, Pn, 13 31 18.0 +1.9, 7.84 37, Pn, Pn, 13 31 17.7 +1.4, 7.84 37, Pn, Pn, 13 31 19.9 +0.5, 7.84 37, Pn, Pn, 13 31 20.8 +0.9, 7.84 37, Pn, Pn, 13 31 21.0 +1.0, 7.84 37, Pn, Pn, 13 31 23.6 +0.3, 7.84 37, Pn, Pn, 13 31 21.7 +0.3, 7.84 37, Pn, Pn, 13 31 24.5 -0.3, 7.84 37, Pn, Pn, 13 31 25.3 -0.2, 7.84 37, Pn, Pn, 13 30 04.0 +0.7, 7.84 37, Pn, Pn, 13 31 27.5 -0.3, 7.84 37, Pn, Pn, 13 31 31.0 +0.2, 7.84 37, Pn, Pn, 13 31 33.0 +0.3, 7.84 37, Pn, Pn, 13 31 33.6 +0.3, 7.84 37, Pn, Pn, 13 31 35.0 -0.1, 7.84 37, Pn, Pn, 13 31 34.7 -0.3, 7.84 37, Pn, Pn, 13 31 36.2 0.0, 7.84 37, Pn, Pn, 13 31 37.6 +1.3, 7.84 37, Pn, Pn, 13 31 38.5 +0.9, 7.84 37, Pn, Pn, 13 31 38.0 +1.1, 7.84 37, Pn, Pn, 13 31 37.5 -0.6, 7.84 37, Pn, Pn, 13 31 38.0 -0.3, 7.84 37, Pn, Pn, 13 31 39.2 +0.5, 7.84 37, Pn, Pn, 13 31 40.5 +0.9, 7.84 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Table with columns for station name, coordinates, and various parameters. Includes stations like HRY, LRM, PNTR, BCYI, MCMT, YHL, NVAR, YHH, YMR, YNE, RLMT, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like MAN INTENSITY IV, GCMT, NEIC, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like TTSI, JOW, SRPI, SBUM, SPSI, MTKI, BNSI, KAPI, etc.

10d 13h

BOK	comp=N,1µm,16.0s	40.31	294	eP	P	13 37 15.6	-1.3
MORW	Bokaro	41.29	194	eP	P	13 37 24.2	-0.6
MORW	Morawa	41.29	194	eP	P	13 37 22.9	-1.9
MORW	Morawa	41.29	194	IAMB	P	13 37 26.3	
TYV	comp=Z,90nm,1.3s	41.71	16	eP	P	13 37 29.4	+1.4
TYV	Tymovskoe	41.71	16	eS	S	13 43 46.7	+5.2
TYV	TYV			pmx	pmx		
TYV	comp=Z,600nm,3.4s			pmx	pmx		
TYV	comp=Z,23nm,1.5s			smx	smx		
TYV	comp=E,9.0nm,1.4s			smx	smx		
TYV	comp=Z,1µm,3.9s			smx	smx		
FORT	Forrest	41.84	178	P	P	13 37 29.1	-0.2
FORT	Forrest	41.84	178	P	P	13 37 28.2	-1.0
FORT	Forrest	41.84	178	IAMB	P	13 37 44.1	
ZEA	comp=Z,56nm,0.7s	42.37	1	eP	P	13 37 31.8	-1.6
ZEA	Zeya	42.37	1	eS	S	13 43 51.4	+0.3
ZEA	ZEA			eS	S	13 47 44.9	
ZEA	comp=Z,300nm,4.8s			pmx	pmx		
ZEA	comp=Z,10.0nm,0.7s			pmx	pmx		
ZEA	comp=E,500nm,9.7s			smx	smx		
ZEA	comp=N,2µm,16.0s			MLR	MLR		
KMBL	Kambalda	42.59	186	P	P	13 37 35.7	+0.2
BLDU	Ballidu	42.63	192	P	P	13 37 34.5	-1.3
ZAK	comp=Z,43nm,1.4s	43.34	339	eP	P	13 37 41.6	+0.2
ZAK	Zakamensk	43.34	339	eP	P	13 37 41.6	+0.2
NKL	comp=Z,10.0nm,1.0s	43.35	13	eP	P	13 37 39.2	-2.1
NKL	Nikolayevsk	43.35	13	eS	S	13 43 55.9	-8.6
NKL	NKL			pmx	pmx		
NKL	comp=E,73nm,0.8s			pmx	pmx		
NKL	comp=N,8.0nm,0.9s			pmx	pmx		
NKL	comp=Z,29nm,1.2s			MLR	MLR		
NKL	comp=E,901nm,14.0s			MLR	MLR		
NKL	comp=N,331nm,20.0s			MLR	MLR		
KLBR	comp=Z,1µm,16.0s	43.38	191	P	P	13 37 41.1	-0.7
MUN	Kellerberrin	44.06	192	P	P	13 37 46.9	-0.3
TLY	Mundaring	44.06	192	P	P	13 37 46.9	-0.3
TLY	Talaya	44.30	340	LR	LR	13 57 40.3	
TLY	comp=Z,1µm,18.2s,baz=144,slow=36	44.30	340	eP	P	13 37 49.4	+0.4
TLY	Talaya	44.30	340	eS	S	13 44 29.1	+1.0
TLY	TLY			pmx	pmx		
TLY	comp=Z,82nm,1.1s			MLR	MLR		
TLY	comp=Z,4µm,16.0s			MLR	MLR		
TLY	Talaya	44.30	340	P	P	13 37 48.7	-0.3
NWAO	Narrogin (SRO)	44.78	191	P	P	13 37 52.7	-0.3
NWAO	Narrogin (SRO)	44.78	191	LR	LR	13 58 33.4	
NWAO	Narrogin (SRO)	44.78	191	LR	LR	13 58 33.4	
NWAO	Narrogin (SRO)	44.78	191	P	P	13 37 52.2	-0.8
NWAO	Narrogin (SRO)	44.78	191	pmx	pmx		
NWAO	Narrogin (SRO)	44.78	191	P	P	13 37 52.2	-0.8
NWAO	Narrogin (SRO)	44.78	191	P	P	13 37 52.2	-0.8
NWAO	Narrogin (SRO)	44.78	191	IAMB	IAMB	13 38 08.2	
BBOO	comp=Z,75nm,0.9s	44.82	168	P	P	13 37 53.3	0.0
BBOO	Buckleboe	44.82	168	P	P	13 37 52.8	-0.5
BBOO	BBOO			IAMB	IAMB	13 37 55.6	
MOY	comp=Z,52nm,0.8s	45.22	338	eP	P	13 37 56.5	+0.1
MOY	Mondy	45.22	338	eP	P	13 37 56.5	+0.1
STKA	comp=Z,188nm,3.4s	45.35	162	P	P	13 37 57.4	-0.1
STKA	Stephens Creek	45.35	162	P	P	13 37 57.4	-0.1
STKA	Stephens Creek	45.35	162	P	P	13 37 57.5	0.0
STKA	Stephens Creek	45.35	162	eP	P	13 37 57.1	-0.4
STKA	Stephens Creek	45.35	162	eP	P	13 37 56.9	-0.6
STKA	HTT	45.35	162	P	P	13 38 03.6	+0.4
WMQ	comp=Z,46nm,SNR=21	46.43	321	eP	P	13 38 06.8	+0.7
WMQ	Urumqi	46.43	321	eP	P	13 38 06.8	+0.7
WMQ	WMQ			sP	sP	13 38 19.8	-2.2
WMQ	WMQ			PcP	PcP	13 39 42.5	+2.3
WMQ	WMQ			S	S	13 44 51.1	+0.5
WMQ	WMQ			sS	sS	13 45 07.6	-1.9
WMQ	comp=Z,62nm,1.5s			pmx	pmx		
WMQ	comp=Z,1µm,4.5s			pmx	pmx		
WMQ	comp=Z,8µm,12.9s			LR	LR		
WMQ	comp=Z,3µm,17.3s			LR	LR		
WMQ	Urumqi	46.43	321	P	P	13 38 06.4	+0.3
WMQ	WMQ			pmx	pmx		
WMQ	comp=Z,74nm,1.2s	46.43	321	P	P	13 38 06.4	+0.3
WMQ	CMSA	46.43	321	P	P	13 38 06.4	+0.3
HYB	comp=Z,46nm,SNR=11	46.52	283	iP	P	13 38 05.0	-2.1
BOD	Hyderabad	47.39	351	eP	P	13 38 13.7	+0.5
BOD	Bodaibo	47.39	351	eP	P	13 38 13.7	+0.5
BHPL	comp=Z,42nm,1.5s	47.91	291	eP	P	13 38 14.8	-3.1
BHPL	Bhopal	47.91	291	eP	P	13 38 17.3	
ARMA	comp=Z,26nm,1.3s	48.10	150	P	P	13 38 19.1	-0.1
SANVU	Armidale	48.10	150	P	P	13 38 19.1	-0.1
DDI	Saraoutou	48.47	122	P	P	13 38 23.9	+1.8
DDI	Dehra Dun	48.47	301	eP	P	13 38 21.8	-0.3
DDI	DDI			IAMB	IAMB	13 38 23.5	
PEAOB	comp=Z,87nm,0.8s	48.75	25	P	P	13 38 24.6	+0.8
PEAOB	Petrovovsk	48.75	25	P	P	13 38 24.6	+0.8
PEAOB	Petrovovsk	48.75	25	P	P	13 38 25.6	+1.8
PETK	comp=Z,6.4nm,0.8s,baz=196,slow=1.7,SNR=5.8	48.75	25	P	P	14 01 09.4	
PETK	Petrovovsk	48.75	25	P	P	13 38 23.3	-0.5
PETK	Petrovovsk	48.75	25	P	P	13 38 23.3	-0.5
PETK	Petrovovsk	48.75	25	P	P	13 38 35.0	+8.7
PETK	PET	48.75	25	eS	S	13 45 38.8	+1.1
PETK	PET	48.75	25	MLR	MLR		
SMLA	comp=Z,3µm,17.0s	49.39	301	eP	P	13 38 26.6	-2.4
DGZ	Simla	49.39	301	eP	P	13 38 34.2	+1.2
DGZ	Jazator, Alta	49.39	328	eP	P	13 38 34.2	+1.2
ARPS	comp=Z,19nm,1.1s	49.98	164	P	P	13 38 33.7	+0.3
ZSN	Mount Aplin	50.05	324	eP	P	13 38 32.8	-1.0
ZSN	Zaisan	50.05	324	eP	P	13 38 32.8	-1.0
ZSN	ZSN			eS	S	13 45 41.9	+0.4
ZSN	Zaisan	50.05	324	eP	P	13 38 32.8	-1.0
ZSN	ZSN			eS	S	13 45 41.8	+0.3
DHRM	comp=Z,44nm,0.5s	50.36	303	eP	P	13 38 34.3	-2.4
DHRM	DHARAMSHALA	50.36	303	eP	P	13 38 37.4	
YAK	comp=Z,44nm,0.5s	50.74	2	P	P	13 38 40.2	+1.5
YAK	Yakutsk	50.74	2	P	P	13 38 40.2	+1.5
YAK	YAK			ePP	ePP	13 38 49.7	+0.1
YAK	YAK			eS	eS	13 45 51.3	+0.8
YAK	YAK			eSS	eSS	13 46 13.5	+3.8
YAK	YAK			pmx	pmx		
YAK	comp=Z,54nm,0.9s			pmx	pmx		

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YAK	comp=N,22nm,1.0s			pmx	pmx		
YAK	YAK			pmx	pmx		
YAK	comp=E,6.0nm,1.0s			smx	smx		
YAK	comp=N,171nm,3.8s			smx	smx		
YAK	comp=E,110nm,3.7s			MLR	MLR		
YAK	comp=Z,2µm,16.0s			MLR	MLR		
YAK	comp=N,1µm,18.0s	50.74	2	IAMB	IAMB	13 38 37.6	-1.1
YAK	Yakutsk	50.74	2	IAMB	IAMB	13 38 41.4	
MK31	comp=Z,66nm,1.0s	51.23	322	iP	P	13 38 43.3	+0.5
MK31	Makanchi Array	51.23	322	iP	P	13 38 43.3	+0.5
MK31	MK31			pmx	pmx		
MK31	comp=Z,86nm,0.7s	51.23	322	P	P	13 38 42.8	+0.1
MKAR	Makanchi Array	51.23	322	P	P	13 38 43.3	+0.5
MKAR	Makanchi Array	51.23	322	P	P	13 38 43.3	+0.5
MKAR	comp=Z,84nm,0.7s,baz=119,slow=7.8,SNR=454			LR	LR	14 02 09.2	
MKAR	comp=Z,1µm,19.7s,baz=117,slow=36			LR	LR	14 02 09.2	
MKAR	Makanchi Array	51.23	322	P	P	13 38 42.8	0.0
SHLS	Shalkode	51.40	317	eP	P	13 38 40.9	-3.4
SHLS	Shalkode	51.40	317	eP	P	13 38 40.9	-3.4
SHLS	ShLS			eS	S	13 45 56.3	-4.4
SHLS	ShLS			eS	S	13 45 56.2	-4.4
SHLS	ShLS			pmx	pmx		
MAKZ	comp=Z,45nm,1.2s	51.42	322	P	P	13 38 43.5	-0.7
MAKZ	Makanchi	51.42	322	P	P	13 38 43.5	-0.7
MAKZ	MAKZ			pmx	pmx		
MAKZ	comp=Z,51nm,0.8s	51.42	322	P	P	13 38 43.5	-0.7
MAKZ	Makanchi	51.42	322	P	P	13 38 47.0	
PDGK	comp=Z,51nm,0.8s	51.45	317	iP	P	13 38 44.4	-0.2
PDGK	Podgornoye	51.45	317	iP	P	13 38 44.4	-0.2
PDGK	PDGK			pmx	pmx		
DZM	comp=Z,59nm,1.1s	51.50	130	P	P	13 38 45.9	+0.7
DZM	Mont Dzumac	51.50	130	P	P	13 38 45.9	+0.7
DZM	comp=Z,30nm,1.0s,baz=289,slow=10,SNR=5.9	51.50	130	eP	P	13 38 46.2	+1.0
DZM	Mont Dzumac	51.50	130	eP	P	13 38 46.2	+1.0
DZM	comp=Z,77nm,1.1s			eS	S	13 45 58.4	-3.9
DZM	comp=Z,2µm,24.9s			eLQ	LQ	13 51 27.6	
DZM	comp=Z,2µm,36.9s			eLR	LR	13 53 22.1	
DZM	comp=Z,1µm,28.1s	51.50	130	P	P	13 38 44.5	-0.7
DZM	Mont Dzumac	51.50	130	P	P	13 38 47.6	
DZM	DZM			IAMB	IAMB	13 38 47.6	
DZM	comp=Z,34nm,1.0s	51.50	130	P	P	13 38 46.5	+1.3
DZM	Mont Dzumac	51.50	130	P	P	13 38 46.5	+1.3
MA2	Magadan</						

A21K	Barrow	75.28	19	P	P	13 41 22.1 +0.6	SOC	MLR	MLR	TBI	Tubeai	89.25	114	eS	S	13 53 20.0 -1.5
GROC	Groznyy	75.44	312	eP	P	13 41 22.8 -0.2	DOT	MLR	P	TBI	Tubeai	89.25	114	eLR	LR	14 10 56.9
GROC				e		13 41 35.1	SCRS		P	UPG	Uppala	89.46	331	eP	P	13 42 34.2 -1.4
GROC				e		13 44 07.8	MOS		P	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
	comp=Z,89nm,1.4s			pmax	pmax		MOS		eP	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
OHAK	Old Harbor	75.45	34	P	P	13 41 22.9 +0.2	GLB		P	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KDAK	Kodiak Island	75.34	33	P	P	13 41 26.5 +1.5	GLB		IAMB	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KDAK	Kodiak Island	75.84	33j	eP	P	13 41 26.4 +1.5	GLB		IAMB	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
	comp=Z,34nm,1.0s,baz=31.8,slow=12,SNR=3.2			pmax	pmax		GLB		IAMB	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
PPLA	Purkeypile	76.21	28	P	P	13 41 27.6 +0.5	OBN		P	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
PPLA				IAMB	IAMB	13 41 29.8	OBN		eS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SPU	Mount Spurr	76.21	30	P	P	13 41 27.4 +0.3	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KZRT	Kazeti	76.55	31	P	P	13 41 30.5 +1.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
CNPM	China Poot	76.58	31	P	P	13 41 29.3 +0.1	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
BRLL	Bradley Lake	76.76	31	P	P	13 41 29.9 -0.3	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SUA	Susitna One	76.84	29	IAMB	IAMB	13 41 30.9 +0.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SUA				IAMB	IAMB	13 41 33.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
ZEI	Tsey	76.85	311	eP	P	13 41 30.8 -0.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
ZEI				eP	P		OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
MLF	Manley	76.92	26	P	P	13 41 31.6 +0.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
TRF	Thorofore Moun	77.08	27	P	P	13 41 31.6 -0.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
TRF				IAMB	IAMB	13 41 44.9	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
BTGD	Bogdanovka	77.16	310	P	P	13 41 34.9 +1.8	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
RAYN	Ar Rayn	77.18	292	P	P	13 41 31.6 -1.7	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
RAYN	Ar Rayn	77.18	292	P	P	13 41 31.6 -1.7	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
ONI	Oni	77.19	311	P	P	13 41 34.3 +1.3	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
COLD	Coldfoot	77.19	23	P	P	13 41 32.9 +0.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
COLD				IAMB	IAMB	13 41 36.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
AKH	Akhiklakti	77.23	310	P	P	13 41 34.7 +1.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
RC01	Rabbit Creek A	77.33	30	P	P	13 41 33.7 +0.3	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
TOLK	Toolik Lake Re	77.47	22	P	P	13 41 34.3 +0.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
TOLK	Toolik Lake Re	77.47	22	P	P	13 41 34.6 +0.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
TOLK				IAMB	IAMB	13 41 37.3	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SEW	Seward	77.48	31	P	P	13 41 35.0 +0.9	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SEW				IAMB	IAMB	13 41 55.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
I23K	Minto, Yukon-K	77.50	26	P	P	13 41 34.4 +0.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
I23K	Minto, Yukon-K	77.50	26	P	P	13 41 34.8 +0.6	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KBZ	Khabaz	77.52	312	eP	P	13 41 34.9 +0.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KBZ				eP	P	13 41 34.5 -0.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
PMR	Palmer	77.62	29	P	P	13 41 34.9 0.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
PMR				IAMB	IAMB	13 41 34.9 0.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
PMR	Palmer	77.62	29	P	P	13 41 34.9 0.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
PMR				IAMB	IAMB	13 41 34.9 0.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
NEA2	Nenana	77.63	26	P	P	13 41 35.4 +0.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KVAR	Kislovodsk Arr	77.65	313	eP	P	13 41 37.1 +1.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KIV	Kislovodsk	77.66	313	eP	P	13 41 35.5 -0.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KIV				eP	P	13 41 35.5 -0.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KIV	Kislovodsk	77.66	313	eP	P	13 41 35.5 -0.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KIV				eP	P	13 41 36.3 +0.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
NEY	Neytrino	77.68	312	eP	P	13 41 35.1 -0.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
NEY				eP	P	13 41 36.3 +0.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
MCK	McKinley	77.69	27	P	P	13 41 35.1 -0.3	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
RND	Reindeer	77.73	27	P	P	13 41 35.3 -0.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
RND				IAMB	IAMB	13 41 38.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
RND	Reindeer	77.73	27	P	P	13 41 35.3 -0.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
RND				IAMB	IAMB	13 41 38.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
VRH	Novokhovpoyis	77.89	320	eP	P	13 41 35.2 -1.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
VRH				eP	P		OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KNK	Knik Glacier	77.94	29	P	P	13 41 36.9 +0.1	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KNK				IAMB	IAMB	13 41 39.6	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
MDM	Murphy Dome	77.98	26	P	P	13 41 37.5 +0.5	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
MDM				IAMB	IAMB	13 41 41.2	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SML	Sawmill	78.00	29	P	P	13 41 37.5 +0.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SML				eP	P		OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
WRH	Wood River Hill	78.05	26	P	P	13 41 37.6 +0.3	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
WRH				IAMB	IAMB	13 41 50.7	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
TCOL	CIGO, UAF Yank	78.14	26	P	P	13 41 38.0 +0.3	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
COLA	College	78.15	26	eP	P	13 41 38.7 +0.9	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
COLA				eP	P		OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
CCB	Clear Creek Bu	78.17	26	P	P	13 41 37.5 -0.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
CCB				IAMB	IAMB	13 41 50.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
POKR	Poker Flat Res	78.32	26	P	P	13 41 38.9 +0.1	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
DHY	Denali Highway	78.40	28	P	P	13 41 39.1 -0.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SCM	Sheep Creek Mo	78.47	29	P	P	13 41 40.2 +0.4	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SCM				eP	P		OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
SCM	Harding Lake	78.55	26	P	P	13 41 40.2 +0.1	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
HDA	Harding Lake	78.55	26	P	P	13 41 39.1 -1.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
ILH1	Harding Lake	78.56	26	P	P	13 41 39.9 +0.1	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
ILAR	Eielson Array	78.56	26	P	P	13 41 40.1 0.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
ILAR				IAMB	IAMB	13 41 55.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
ILAR	Eielson Array	78.56	26	P	P	13 41 40.1 0.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
ILAR				IAMB	IAMB	13 41 55.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KLMR	Klimovskoye	78.63	330	eP	P	13 41 38.5 -2.1	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KLMR				eP	P	13 44 34.8	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KLMR	Klimovskoye	78.66	330	eP	P	13 41 38.6 -2.1	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KLMR				eP	P	13 41 53.0	OBN		eSS	DAG	Danmarks Havn	89.77	352	iP	P	13 42 36.3 -0.4
KLMR	Klimovskoye	78.66	330	eP	P	13 41 38.6 -2										

10d 13h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rumble, Elevation Rumble, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Roar, Elevation Roar.

IDC 10 13:33:06.7-2.8, 19.72S:69.14W, h107km, 31km, mb3.8/4, mb1 3.8/7, mb1mx3.5/33, mbmtmp4.1/7, MS2.8/2, M1 3.9/2, ms1mx3.0/22, Error ellipse: s-maj=29.4km s-min=21.7km bz=14.0

NEIC 10 13:33:06.2-2.2, 19.72S:05.69:33W, 0.08, h102km, 6km, mb4.1/8, M.L4.1(GUC), Error ellipse: s-maj=11.4km s-min=6.9km az=82.0

GUC 10 13:33:07.2-0.6, 19.76S:69.29W, h98km, 3km, M.L3.9 IDC 10 13:33:05.8-0.7, 19.76S:00.04:69.31W, 0.06, h101km, 6km, n60, s119/65, mb4.0/6, 4C-5D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rumble, Elevation Rumble, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Roar, Elevation Roar.

2015 FEB

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rumble, Elevation Rumble, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Roar, Elevation Roar.

NOU 10 13:46:57.2, 25.37S:179.93E, h528km, mb4.4, South of Fiji Islands IDC 10 13:46:57.5, 0.8, 25.33S:179.59E, h499km, 6km, mb3.9/27, mb1 4.0/30, mb1mx3.9/44, mbmtmp4.7/30, Error ellipse: s-maj=10.2km s-min=9.6km az=14.0

NEIC 10 13:46:58.8, 1.7, 25.33S:01.10:179.6E, 0.1, h517km, 6km, mb4.6/102, Error ellipse: s-maj=15.0km s-min=13.9km az=129.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rumble, Elevation Rumble, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Roar, Elevation Roar.

454

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rumble, Elevation Rumble, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Roar, Elevation Roar.

10d 14h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like H1133 WAKE ISLAND Hy125.69 279 T T 17 01 11.7, H11N3 WAKE ISLAND Hy125.71 281 T T 17 01 16.6, etc.

IDC 10 14:31:33.2,0.8,52.28N,168.74W,h0km,mb4.2/28, mb1.4/4.29,mb1mx4.2/64,mbtmp4.2/29,ML3.4/1,MS3.7/1, Ms1.3/71,ms1mx3.0/51,Error ellipse: s-maj=23.0km s-min=12.9km az=170.0 NEIC 10 14:31:36.0,2.2,52.26N,168.54W,0.08,h19km,4km, mb4.3/64,ML3.5(AEIC),Error ellipse: s-maj=9.3km s-min=4.9km az=139.0 AEIC 10 14:31:36.2,4,52.21N,168.49W,0.07,h20km,4km, Error ellipse: s-maj=8.4km s-min=4.9km az=143.0

ISC 10 14:31:35.8,1.5,52.23N,168.60W,0.05,h18km,6km, n164,σ13/08/163,mb4.5/53,1,C,Fox Islands

Main table of station data for the 10d 14h period. Columns include Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like NIKH Nikolski High, OKSO Okmok South, etc.

2015 FEB

Main table of station data for the 2015 FEB period. Columns include EUNO, YHL, YHH, FLWY, etc. Lists stations like Eureka, Hekla, Holmes Hill, Flagg Ranch, etc.

456

Main table of station data for the 456 period. Columns include Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like GLKZ Green Lake, MXZ Matakaoa Point, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like ZCCA Teolo, OSTO Ostas, ABTA Abfaltersbach, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like GRFO Grafenberg, UGM Wagnama, BTO Baotou, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like BJI comp=Z,2um,15.7s, SRBI comp=Z,2um,27.5s, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Contains station data for IPOC Station P, Limon Verde, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Contains station data for UOSS Minazif, RAVN Ar Rayn, KARATAY Array, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Contains station data for JWJK Keihoku, JWJK Rebutun, JWJK Rishiri, etc.

ASRS 10 15:08:56.8, 0.2, 52.7N, 1.9, 9.6E, h5km, MLh3.4/11, smt.org-gfz-potsdam.de/geofon/LOCSAT earthModelID

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Contains station data for TDJR Todzha, TDJR Kuzyl, TDJR Kyngurtug, etc.

IDC 10 15:22:04.3, 2.9, 48.8S, 158.41E, h0km, mb3.7/4, s-maj=36.6km s-min=13.2km az=172.0,

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Contains station data for HNR Honiara, WRA Warramunga Arr, STKA Stephens Creek, etc.

JMA 10 15:35:26.0, 0.4, 32.92N, 139.26E, h219km, M2.9 IDC 10 15:35:27.2, 1.0, 32.94N, 139.25E, h212km, 1.4km, mb2.8/2,

IDC 10 15:37:24.1, 1.32, 33N, 0.08, 139.09E, 0.09, h200km, n16, r156/18, mb3.2/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Contains station data for JHJ Hachijo jima 2, TK02 Tokai 2, TJO1 TANAKAI O.B.S, etc.

MAN 10 15:39:04.7, 6.05N, 126.71E, h78km, mb4.5, ML3.4, MS3.2 IDC 10 15:39:09.3, 3.1, 6.02N, 126.29E, h132km, 16km, mb2.9/3,

IDC 10 15:39:05.5, 4.6, 6.02N, 126.17E, 0.1, h95km, 12km, n12, r159/18, mb3.0/3, C.M. Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Contains station data for DDMP Don Marcelino, MATI Mati, DAV Davao City (W), etc.

IDC 10 14:52:58.4, 1.1, 9.64N, 57.76E, h0km, mb3.9/9, mb1.4/1.9, m-min1mx3.7/6.4, mbmp3.9/9, Error ellipse: s-maj=31.6km

SKHL 10 15:02:10.6, 0.4, 45.80N, 141.50E, h15km, 5km, mb4.2/2 JMA 10 15:02:10.7, 0.4, 45.84N, 141.74E, h10km, M2.5

KCP Kidapawan, SKMP Bagumbayan, SKMP Bagumbayan, SKMP Musuan, BUKP Musuan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Cagayan de Oro, Pagadian, General Luna, Warramunga Arr, etc.

IDC 10 15:55:54.8, 4.9, 4.945N, 57.21E, h0km, mb3.4/4, mb1 3.7/4, mb1 1mp3.4/4, Error ellipse: s-maj=113.1km s-min=46.5km az=86.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Chiang Mai Arr, Makanchi Array, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Teeguigalpa, BGR 10 16:09:20.5, MOS 10 16:09:22.9, etc.

IDC 10 16:00:36.1, 1.4, 14.63N, 0.06, 89.08W, 0.04, h11km ±11km, n18, 0982/27, 2C, Guatemala

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GTOI, MRSI, KMSI, SBUM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SSE, SSS, BKBI, SPSI, SRAK, GYA, etc.

10d 16h

Table with columns for station name, frequency, and signal strength. Includes stations like MNK, MNR, GLB, VRS, etc.

2015 FEB

Table with columns for station name, frequency, and signal strength. Includes stations like VTS, Vitosha, NIE, SIRR, etc.

466

Table with columns for station name, frequency, and signal strength. Includes stations like WET, WETZ, MANZ, etc.

10d 16h: 22.4: 1.8, 7.725: 128.59E, h135km, 23km, mb3.3/2, mb1.3, 6.7, mb1mx3.2/45, mbrmp4.0/7, Error ellipse: s=1raj=32.7km s-min=15.0km az=105.0

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATI, BATI, SIJI, etc.

0.9nm,0.8s,baz=170,slow=9.1,SNR=2.5
MKAR Makanchi Array 68.15 328 P P 16 21 06.5 +0.5

ASAR Alice Springs 58.43 149 P P 17 17 53.9 -0.6
0.3nm,0.7s,baz=328,slow=7.0,SNR=5.0

comp=Z,3.5nm,0.7s,baz=109,slow=7.4,SNR=80
ASAR Alice Springs 42.91 270 P P 17 33 42.9 -0.6

MAN 10 16:20:04.6,9.83N:122.27E,h7km,mb4.3,ML3.2,MS2.9,
Negros

IDC 10 17:25:43.3,1.2,32.91S:178.21W,h0km,mb4.6/4,
mb1.4/8.5,mb1mx4.2/29,mbtmp4.6/5,ML4.4/1,MS3.5/10,

WRAB Tennant Creek 44.14 275 P P 17 33 53.3 -0.1
WRAB 2.0nm,0.6s

NNC 10 16:36:49.1,5.4,37.21N:71.07E,h0km,mb3.6,mpv3.6,
2C-3D,Error ellipse: s-maj=43.6km s-min=40.7km

WEL 10 17:25:48.6,0.6,33.58S:179.9W,1.8,h33km,ML4.2/5,
mb4.9/13,ML5.0/25,MLV4.8/25,Mv(mB)4.2/13,Error

WRA Warrungarra Arr 44.15 275 P P 17 33 52.8 -0.7
comp=Z,5.8nm,0.5s,baz=116,slow=7.6,SNR=101

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Rows include IUG, MRKS, KK31, AAK, TKM2, etc.

ISLANDS
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4
RAO RAO 3.85 3 Pn Pn 17 26 45.7 +1.0

WB0 Warrungarra Arr 44.18 275 P P 17 33 53.9 -0.2
comp=Z,7.6nm,18.7s,baz=125,slow=34

ECX 10 16:58:49.8,0.8,31.51N:115.67W,h5km,3km,MD2.2,
ML2.4, Fault plane solution: NP1:phi344.90000°,

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

SBA Scott Base 45.34 184 P P 17 34 03.9 +1.7
CASY Casey 52.71 209 P Iamb Iamb 17 35 00.8 +1.9

MEX 10 16:58:49.8,0.3,31.44N:115.79W,h10km,MD3.6,
ISC 10 16:58:48.1,1.0,31.52N:0.03:115.63W,0.03,h15km,8km,

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

GSPA South Pole Qui 57.01 180 P P 17 35 29.4 -0.7
GSPA 2.12nm,0.9s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Rows include VTX, SJJ, SPIG, etc.

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

MSA Sanae 75.46 178 P Iamb Iamb 17 37 27.1 -1.0
SNA SNA 56.01 180 P P 17 35 49.8

ASRS 10 17:01:29.8,0.2,53.2N:109.76E,0.8,h5km,ML3.8,12,
smi:org.gfz-potsdam.de/geofon/LOCASAT earthModelID

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

MCJAR Matsushiro Arr 80.40 326 P P 17 37 55.4 -0.4
comp=Z,3.6nm,0.3s,baz=153,slow=7.2,SNR=31

southwestern Siberia

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

KNMB Chint-men Arr 83.24 305 P P 17 38 10.0 -0.9
CMAR Chiang Mai Arr 94.18 289 LR LR 17 28 12.8 1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Rows include TDJR, ORY, KZLR, etc.

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

CPUP Villa Florida 98.39 129 LR LR 18 20 02.3
MKAR Makanchi Array 119.40 309 PKP PKP 17 44 33.8 +0.3

IDC 10 17:07:56.7,2.3,28.25N:105.51E,h0km,mb3.3/3,
mb1.3/5.3,mb1mx3.2/45,mbtmp3.3/3,Error ellipse:

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

NOA NORSAR Arr B151.40 350 PKPbc PKPbc 17 45 36.6 -0.7
AKOS Malin Array B 153.32 191 PKPbc PKPbc 17 45 42.0 +0.1

MKAR Makanchi Array 25.93 322 P P 17 13 30.8 +0.4
WRA Warrungarra Arr 55.43 147 P P 17 17 33.6 +0.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

GERES GERES Array B 161.95 334 PKPab PKPab 17 46 29.8 -1.6
comp=Z,0.9nm,0.9s,baz=353,slow=6.7,SNR=4.0

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

IDC 10 17:27:19.4,1.5,56.11N:168.51W,h0km,mb3.7/8,
mb1.3/9.1,mb1mx3.6/56,mbtmp3.7/11,ML3.0/3,MS3.1/3,

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

Code Station Name Az Az' Phase ID Time Res Op ISC h m s ISC
GLKZ Green Lake 3.84 3 P P 17 26 12.2 -3.4

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10d 19h

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

IDD 10 17:40:10.8±2.8, 32.84S±178.42W, h0km, mb3.9/2, mb1 4.2/3, mb1mx3.8/31, mbmp4.0/3, ML4.0/1, MS3.3/2, Ms1 3.3/2, ms1mx2.9/19, Error ellipse: s-maj=68.8km, s-min=43.6km az=126.0

NEIC 10 17:40:17.6±2.0, 33.6S±178.1W±0.2, h27km, 13km, mb4.5/8, Error ellipse: s-maj=23.1km s-min=17.8km az=218.0

WEL 10 17:41:23.6±3.7, 33.3S±178E±1.2, h47km, 16km, M2.5/14, ML2.7/14, MLV2.5/14, Error ellipse: s-maj=0.1km s-min=0.0km az=166.0

ISC 10 17:40:14.7±1.7, 33.3S±178.1W±0.2, h34km, n50, c1888/49, mb4.4/6, South of Kermadec Islands

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

2015 FEB

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Lists stations like WRA, WBO, WBS.

UPP 10 18:04:34.3±0.1, 67.05N±20.96E, h0km, ML2.0, Explosion HEL 10 18:04:35.1±0.1, 67.04N±20.96E, h0km, ML2.1, ML2.0(UPP), Explosion

IDD 10 18:04:36.8±0.9, 67.06N±21.42E, h0km, mb1 3.1/4, mb1mx2.8/39, mbmp3.0/4, ML1.8/4, Error ellipse: s-maj=18.2km s-min=8.1km az=115.0

NAO 10 18:04:36.3±1.1, 67.09N±21.50E, ML2.3 BER 10 18:04:37.9±4.5, 67.02N±20.79E, h0km, ML1.5, ML2.3(NAO), Suspected explosion

ISC 10 18:04:34.5±0.7, 67.04N±0.02±21.01E±0.02, h0km, n57, c1937/76, Sweden

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

SGF Sodankyl 2.18 77 eP Pn 18 05 13.1 +1.2 STEI Steigen 2.39 294 ePg Pn 18 05 17.3 -1.1

BURU Burvik 2.48 176 ePB Pn 18 05 17.2 +1.3 BURU 2.80 141 eSg Pn 18 05 11.1 +0.4

ARAO ARCESS Array S 3.01 32 Pn Pn 18 05 23.0 -0.3 ARAO ARCESS Array S 3.01 32 Pn Pn 18 05 24.1 +0.8

ARCES ARCESS Array S 3.01 32 Pn Pn 18 05 23.9 +0.6 ARCES ARCESS Array S 3.01 32 Pn Pn 18 05 23.9 +0.6

OUF Merijarvi 3.10 149 eP Pn 18 05 25.7 +1.2 VRF VRF 3.39 74 ePg Pn 18 05 28.2 -1.2

MSF Maaseela 3.41 106 eP Pn 18 05 30.3 +1.4 OLKF Oulanka, Finla 3.41 98 ePB Pn 18 05 33.4 -2.4

HUSU Husum 3.79 192 ePB Pn 18 05 38.1 +4.0 YAF Ylistar 4.08 169 ePB Pn 18 05 43.8 -3.3

APAO Apatty Array 4.67 78 Pn Pn 18 05 47.2 +1.0 APAO Apatty Array 4.67 78 Pn Pn 18 06 40.4 -0.6

APAO Apatty Array 4.67 78 Pn Pn 18 05 47.2 +1.0 APAO Apatty Array 4.67 78 Pn Pn 18 06 40.4 -0.6

FAIA FINESS Array S 6.04 156 Pn Pn 18 06 07.3 +2.4 FAIA FINESS Array S 6.04 156 Pn Pn 18 06 07.3 +2.4

FAIA FINESS Array S 6.04 156 Pn Pn 18 06 07.3 +2.4 FAIA FINESS Array S 6.04 156 Pn Pn 18 06 07.3 +2.4

FINES FINESS Array B 6.04 156 Pn Pn 18 06 06.2 +1.3 FINES FINESS Array B 6.04 156 Pn Pn 18 06 16.6 +2.0

NOA NORSTAR B 7.39 220 Pn Pn 18 06 27.1 +3.6 NOA NORSTAR B 7.39 220 Pn Pn 18 06 27.1 +3.6

HFS Hagfors 7.66 209 Pn Pn 18 06 29.1 +1.9 HFS Hagfors 7.66 209 Pn Pn 18 06 29.1 +1.9

HFS Hagfors 7.66 209 Pn Pn 18 06 28.6 +1.4 HFS Hagfors 7.66 209 Pn Pn 18 06 28.6 +1.4

SOME 10 18:36:10.3, 42.23N±81.13E, h15km NNC 10 18:36:10.9±2.4, 42.04N±80.90E, h0km, mb2.8, mpv2.5, Error ellipse: s-maj=73.5km s-min=24.4km az=30.0

ISC 10 18:36:03.0±0.3, 42.00N±0.1±81.76E±0.10, h27km, 16km, n22, c168/42, 2C-1D, Northern Xinjiang

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

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

TEH 10 18:49:48.3, 28.06N±57.27E, h8km, ML3.6 THR 10 18:49:50.4±0.4, 28.13N±57.13E, h6km, 16km, ML3.6

ISC 10 18:49:51.0±1.0, 28.03N±0.07±57.29E±0.06, h10km, n15, c1970/17, Southern Iran

KHJN Kanojoo 0.38 102 eSg Sb 18 50 02.2 -2.0 GENO Genho 1.17 238 ePg Pn 18 50 12.0 0.0

BNDS Bandar-Abbas 1.17 238 ePg Pn 18 50 12.0 0.0 BNDS Bandar-Abbas 1.17 238 ePg Pn 18 50 28.0 -0.2

KBAM KBAM 1.51 43 ePg Pn 18 50 17.3 -1.1 KBAM KBAM 1.51 43 ePg Pn 18 50 21.7

NGRK Negar Kerman 1.69 343 ePg Pn 18 50 20.0 -0.8 NGRK Negar Kerman 1.69 343 ePg Pn 18 50 47.1

CHMN Cheshme madani 1.84 7 ePg Pn 18 50 22.4 -1.1 CHMN Cheshme madani 1.84 7 ePg Pn 18 50 54.6

KRBR Kerman 2.00 347 ePn Pn 18 50 25.1 -1.1 KRBR Kerman 2.00 347 ePn Pn 18 50 57.8

TVBK TV Kerman 2.01 347 ePn Pn 18 50 25.2 -1.1 TVBK TV Kerman 2.01 347 ePn Pn 18 51 00.4

KHGB Koh Gabri 2.45 343 ePn Pn 18 50 32.4 -1.3 KHGB Koh Gabri 2.45 343 ePn Pn 18 50 37.2

LARI LAR 4.13 35 ePn Pn 18 50 32.8 +1.1 NHDN Nibandand 4.13 35 ePn Pn 18 50 55.3 +2.6

BSRN Basran 4.24 22 ePn Pn 18 50 57.1 +2.9 BSRN Basran 4.24 22 ePn Pn 18 52 21.6

ICHK Chekchek 4.89 330 ePn Pn 18 51 03.9 +0.6 AFZR Afriz 5.58 15 ePn Pn 18 51 16.2 +3.5

IRAM Ramesheh 5.69 313 ePn Pn 18 51 15.0 +0.8 IRAM Ramesheh 5.69 313 ePn Pn 18 51 15.0 +0.8

NEIC 10 18:57:33.1±1.3, 2.1N±0.2±89.85E±0.04, h16km, 6km, mb4.8/5, Error ellipse: s-maj=24.2km s-min=3.3km az=189.0

ISC 10 18:57:36.1±1.8, 2.81N±89.88E, h0km, mb3.4/4, mb1 3.8/6, mb1mx3.5/32, mbmp3.6/6, ML3.9/1, MS3.2/3, Ms1 3.2/3, ms1mx2.7/37, Error ellipse: s-maj=49.5km s-min=24.8km az=54.0

ISC 10 18:57:32.2±1.3, 2.2N±89.9E±0.1, h10km, n15, c1902/12, mb3.9/6, North Indian Ocean

LHMI Lok Shumawe 7.70 66 Pn Pn 19 05 26.0 +1.5 GSI Gunungsitoli 7.74 96 Pn Pn 19 05 25.1 +0.1

PALK Pallekele 10.48 300 Pn Pn 19 05 03.3 +0.7 PALK Pallekele 10.48 300 Pn Pn 19 05 03.3 +0.7

PALK Pallekele 10.48 300 Pn Pn 19 05 03.3 +0.7 PALK Pallekele 10.48 300 Pn Pn 19 05 03.3 +0.7

KULM Kulm 11.20 73 Pn Pn 19 03 24.9 KULM Kulm 11.20 73 Pn Pn 19 03 24.9

CMAR Chiang Mai Arr 18.51 28 Pn Pn 19 01 46.6 -2.2 CMAR Chiang Mai Arr 18.51 28 Pn Pn 19 01 46.6 -2.2

MKAR Makanchi Array 44.98 353 P P 19 05 47.4 -0.3 MKAR Makanchi Array 44.98 353 P P 19 05 47.4 -0.3

SONM Songm Array 47.73 15 P P 19 06 09.9 +0.5 SONM Songm Array 47.73 15 P P 19 06 09.9 +0.5

WBO Warramunga Arr 48.80 119 P P 19 06 18.4 +0.5 WBO Warramunga Arr 48.80 119 P P 19 06 45.4

WRA Warramunga Arr 48.81 119 P P 19 06 26.6 +8.6 WRA Warramunga Arr 48.81 119 P P 19 06 26.6 +8.6

WRAB Tennant Creek 48.82 119 P P 19 06 17.9 -0.2 WRAB Tennant Creek 48.82 119 P P 19 06 18.0

WB2 Warramunga Arr 48.82 119 P P 19 06 17.4 -0.7 WB2 Warramunga Arr 48.82 119 P P 19 06 19.9 +0.4

WRO Alice Springs 49.90 124 P P 19 06 33.7 +7.4 WRO Alice Springs 49.90 124 P P 19 06 33.7 +7.4

ABKAR Abkarak array 53.48 336 P P 19 06 52.1 -0.5 PMG Port Moresby 58.20 102 LR LR 19 35 24.6

WRA Warramunga Arr 48.81 119 P P 19 06 26.6 +8.6 WRA Warramunga Arr 48.81 119 P P 19 06 26.6 +8.6

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WRA Warramunga Arr 48.81 119 P P 19 06 26.6 +8.6 WRA Warramunga Arr 48

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRSI Marisa, GTOI Gorontalo, AFSI Ampara, etc.

BUI 10 19:23:41.3±0.1, 38°11'N:142°30'E, h39km, mB4.9/30, mb4.5/47, Ms4.1/8, Ms7.3/7.8

MOS 10 19:23:45.6±0.0, 38°34'N:141°19'E, h48km, mb4.6/21, Error ellipse: s-maj=7.0km s-min=5.0km az=108.4

JMA 10 19:23:47.3±0.1, 38°30'N:141°55'E, h47km, 1km, M4.2 JMA Feil II J1

NIED 10 19:23:47.4±.3, 38°30'N:141°55'E, h47km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm

NEIC 10 19:23:47.4±1.3, 38°25'N:0.93°141°83'E:0.08, h47km, 4km, mb4.6/49 Error ellipse: s-maj=4.0km s-min=4.5km

IDC 10 19:23:48.7±1.8, 38°31'N:141°82'E, h58km, 16km, mb3.9/28, mb1.4/0.35, mb1mx3.9/57, mbtmp4.2/35, MS3.0/3.8

ISC 10 19:23:46.6±0.6, 38°27'N:0.04°141°99'E:0.05, h43km, 4km, n257, ±138/279, mb4.5/88, 8C-19D, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JIO Ouri, JJKM Kesenumamotoy, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YSS Yuzh-Sakhalins, USRK USSuriysk Ar., USRK USSuriysk Ar., etc.

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

TAMC	Tame, Arauca	25.70	79	eP	P	21 34 24.8	-2.2
HPIG		26.24	343	P	P	21 34 31.1	-0.8
HPIG				Iamb	Iamb	21 34 45.3	
SDV	comp-Z,2.2nm,1.6s						
SDV	Santo Domingo	27.30	74	P	P	21 34 43.3	+1.6
SDV	comp-Z,8.2nm,0.8s,baz=223,slow=7.0,SNR=8.5			LR	LR	21 43 39.8	
SDV	comp-Z,3.21nm,21.9s,baz=242,slow=32						
SDV	Santo Domingo	27.30	74	P	P	21 34 41.2	-0.4
SDV				Iamb	Iamb	21 34 48.2	
SDV	comp-Z,9.5nm,0.8s						
SDV	Santo Domingo	27.30	74	eP	P	21 34 42.4	+0.8
HKT	Hockley	27.97	2	P	P	21 34 46.9	-0.2
HKT				Iamb	Iamb	21 34 53.9	
TXAR	comp-Z,2.27nm,1.8s						
TXAR	Lajitas Array	28.02	348	P	P	21 34 48.8	+0.9
TXAR	comp-Z,2.1nm,0.8s,baz=160,slow=11,SNR=14			PcP	PcP	21 38 03.6	+0.8
TXAR	comp-Z,0.8nm,0.8s,baz=173,slow=5.2,SNR=4.9			LR	LR	21 44 53.8	
TXAR	comp-Z,7.79nm,18.2s,baz=0.0,slow=34						
TXAR	Lajitas Array	28.02	348	P	P	21 34 48.5	+0.7
TX31	Lajitas Arr. Si	28.02	348	P	P	21 34 47.9	+0.1
TX31				Iamb	Iamb	21 35 03.5	
TX32	Lajitas Array	28.02	348	P	P	21 34 48.2	+0.4
JCT	Junction City	28.58	355	P	P	21 34 53.2	+0.5
JCT				Iamb	Iamb	21 34 59.6	
342A	Flagon Creek P	29.71	8	P	P	21 35 01.5	-1.2
WHTX	Lake Whitney	29.98	359	P	P	21 35 04.7	-0.3
WHTX				Iamb	Iamb	21 35 11.7	
MNTX	comp-Z,9.7nm,0.8s						
MNTX	Cornudas Mount	30.68	346	P	P	21 35 11.0	-0.3
ABTX	Ablene, Hawle	30.70	356	P	P	21 35 11.3	-0.1
ABTX				Iamb	Iamb	21 35 18.0	
121A	Cookes Peak, D	32.11	343	P	P	21 35 23.9	-0.2
121A				Iamb	Iamb	21 35 39.9	
MSXT	Muleshoe	32.38	351	P	P	21 35 25.9	-0.5
TUC	Tucson	32.90	338	P	P	21 35 29.7	-1.2
ETMB	Extrema	32.92	111	eP	P	21 35 31.1	-0.1
AMTX	Amarillo	33.13	352	P	P	21 35 32.0	-0.9
BMM	Barren Site	33.36	346	P	P	21 35 35.2	+0.4
LPZA	La Paz	33.85	123	P	P	21 35 41.2	+1.1
LPZA	comp-Z,2.2nm,0.9s,baz=321,slow=11,SNR=6.5			PcP	PcP	21 38 19.9	+0.8
LPZA	comp-Z,1.0nm,0.6s,baz=318,slow=9,SNR=3.6			LR	LR	21 47 50.1	
LPZA	comp-Z,2.62nm,19.2s,baz=298,slow=34						
LPZA	La Paz	33.86	123	P	P	21 35 39.1	-1.0
TUL1	Leonard	33.91	2	P	P	21 35 39.2	-0.3
ANMO	Albuquerque	34.05	346	LR	LR	21 48 25.0	
ANMO	comp-Z,1.14nm,19.9s,baz=164,slow=34						
ANMO	Albuquerque	34.05	346	P	P	21 35 40.9	-0.1
FCAR	Ozark Folk Cen	34.19	7	P	P	21 35 42.5	+0.5
FCAR				Iamb	Iamb	21 35 51.5	
113A	Mohawk Valley,	34.49	335	P	P	21 35 44.7	+0.1
113A				Iamb	Iamb	21 35 51.5	
X18A	Snowflake	34.63	341	P	P	21 35 47.5	+1.4
X18A				Iamb	Iamb	21 35 53.9	
CBYP	Canovanas	34.76	60	P	P	21 35 46.5	-0.8
WWT	Waverly	35.18	13	P	P	21 35 50.4	-0.1
WWT				Iamb	Iamb	21 35 56.7	
GLA	Glamis	35.19	334	P	P	21 35 50.9	+0.2
GLA				Iamb	Iamb	21 35 53.4	
PBMO	Poplar Bluff	35.30	9	P	P	21 35 51.3	-0.3
MGMO	Mountain Grove	35.41	7	P	P	21 35 52.4	-0.2
MGMO				Iamb	Iamb	21 35 59.7	
SAML	Samuel	35.52	108	P	P	21 35 52.5	-1.2
SAML				Iamb	Iamb	21 35 55.8	
SAML	Samuel	35.52	108	eP	P	21 35 53.6	-0.1
S39A	Bolivar	35.84	5	P	P	21 35 56.7	+0.5
S39A				Iamb	Iamb	21 35 57.4	
TKL	comp-Z,1.7nm,1.4s						
TKL	Tuckalee Creek	35.85	19	LR	LR	21 50 08.8	
WUAZ	comp-Z,6.03nm,20.3s,baz=204,slow=36						
S44A	Wuapaki	36.00	340	P	P	21 35 59.0	+1.1
PFO	Carbondale	36.40	11	P	P	21 36 00.7	-0.3
PFO	Pinyon Flats O	36.40	332	LR	LR	21 48 26.5	
SDCO	comp-Z,2.69nm,19.9s,baz=156,slow=32						
R40A	Great Sand Dun	36.53	349	P	P	21 36 02.3	-0.2
R40A	Maddies Statio	36.54	6	P	P	21 36 02.5	+0.3
R40A				Iamb	Iamb	21 36 08.7	
W13A	comp-Z,1.9nm,1.1s						
W13A	Hualapai Mount	36.56	337	P	P	21 36 03.7	+1.0
W13A				Iamb	Iamb	21 36 16.6	
PTGA	Pittinga	37.27	94	P	P	21 36 09.3	+0.5
PTGA	comp-Z,9.8nm,0.9s,baz=280,slow=8.1,SNR=18						
PTGA	Pittinga	37.27	94	P	P	21 36 08.2	-0.7
PTGA				Iamb	Iamb	21 36 11.3	
PTGA	comp-Z,1.5nm,1.1s						
PTGA	Pittinga	37.27	94	eP	P	21 36 09.3	+0.5
KSOC	Kaye Shedlock'	37.32	352	P	P	21 36 14.1	+1.1
P46A	Rosedale	38.66	12	P	P	21 36 20.4	+0.3
P46A				Iamb	Iamb	21 36 22.6	
P48A	Milroy	38.93	15	T	T	22 16 21.9	-0.5
H03N2	Juan Fernandez	39.22	155	T	T	22 17 58.4	
H03N1	Juan Fernandez	39.10	155	T	T	22 18 01.0	
H03N3	Juan Fernandez	39.10	156	T	T	22 17 59.8	
HDIL	Hopedale	39.18	9	P	P	21 36 24.8	+0.3
VILB	Vilvena	39.51	113	eP	P	21 36 27.6	-0.1
L42A	Oliver, Polo	40.93	9	P	P	21 36 35.6	-0.1
L42A				Iamb	Iamb	21 36 41.6	
NVAR	comp-Z,2.25nm,1.1s						
NVAR	Mina Array Bea	41.23	335	P	P	21 36 44.1	+2.2
NVAR	comp-Z,1.3nm,0.8s,baz=162,slow=8.2,SNR=9.8			PcP	PcP	21 38 41.0	+0.2
NVAR	comp-Z,0.5nm,0.7s,baz=134,slow=9.9,SNR=3.8						
NVAR	Mina Array Bea	41.23	335	P	P	21 36 42.4	+0.6
JFWS	Jewell Farm	41.34	8	P	P	21 36 42.5	+0.1
JFWS				Iamb	Iamb	21 36 48.7	
BGU	comp-Z,1.8nm,1.1s						
BGU	Big Grassy Moun	41.46	342	P	P	21 36 43.4	-0.2
ECSD	EROS Data Cent	41.70	1	P	P	21 36 45.0	-0.4
ECSD				Iamb	Iamb	21 36 51.9	
ITTB	Haituba	41.85	99	eP	P	21 36 46.2	-0.8
PD01	Pinedale Array	42.22	346	P	P	21 36 50.1	+0.3
PDAR	Pineda Array	42.22	346	P	P	21 36 50.6	+0.7
PDAR	comp-Z,1.8nm,0.7s,baz=148,slow=8.3,SNR=17			PcP	PcP	21 38 43.6	-0.4
PDAR	comp-Z,0.3nm,0.7s,baz=156,slow=4.7,SNR=1.9			LR	LR	21 53 55.4	
PDAR	comp-Z,5.93nm,19.3s,baz=162,slow=36						
PDAR	Pinedale Array	42.22	346	P	P	21 36 50.3	+0.4
RSSD	Black Hills	42.53	353	P	P	21 36 52.5	+0.2
NPGB	Novo Progresso	42.64	102	eP	P	21 36 52.4	-1.0
MALB	Monte Alegre	43.04	95	P	P	21 36 56.1	-0.5
MOOW	Moose Ponds	43.43	346	P	P	21 36 59.8	+0.2
TAOE	Nuku Hiva Isla	44.15	255	eT	T	22 24 14.2	
YNE	Yellowstone No	44.45	347	P	P	21 37 08.1	+0.2
MCPB	Micappa, AP	45.27	140	P	P	21 37 12.1	-1.5
SADO	Sadowa	45.60	18	LR	LR	21 56 01.1	
AGMN	Agassiz Nation	46.28	1	P	P	21 37 21.8	-0.2
AQDB	Aquiduaona	46.28	121	eP	P	21 37 22.7	+0.2
CPUP	Villa Florida	47.57	129	P	P	21 37 33.0	+0.5
CPUP	comp-Z,0.8nm,0.4s,baz=280,slow=11,SNR=3.0						
CPUP				LR	LR	21 56 25.8	
SNDB	Serra Nova Dou	47.59	108	eP	P	21 37 32.8	-0.0
PRPB	Parauapebas	47.99	140	eP	P	21 37 34.8	-0.7
ARAG	Araguaiana, MT	48.09	113	eP	P	21 37 35.8	-0.9
ARAG	Lac du Bonnet	48.23	1	P	P	21 37 36.9	-0.3
ARAG				Iamb	Iamb	21 37 48.6	
ULM	comp-Z,1.72nm,20.1s,baz=190,slow=36						
ULM	Lac du Bonnet	48.23	1	P	P	21 37 36.5	-0.7
ULM				Iamb	Iamb	21 37 37.5	

TRQ	Mont Tremblant	48.41	21	P	P	21 37 38.5	-0.3
PLCA	Paso Flores	48.84	153	P	P	21 37 43.0	+0.8
PLCA	comp-Z,2.1nm,0.8s,baz=344,slow=11,SNR=3.3						
PLCA	comp-Z,5.15nm,18.8s,baz=340,slow=30			LR	LR	21 53 47.3	
TMAB	Tom-Au,PA,Br	49.23	95	eP	P	21 37 46.5	+1.1
PEXB	Peixe	50.47	107	eP	P	21 37 54.8	-0.1
SMTB	Santa Maria do	50.53	103	eP	P	21 37 56.2	+0.8
BDFB	Brasilia	51.59	112	P	P	21 38 03.2	-0.2
BDFB	comp-Z,4.9nm,0.9s,baz=262,slow=14,SNR=4.3			LR	LR	21 58 49.1	
BDFB	Brasilia	51.59	112	P	P	21 38 02.8	-0.6
BDFB				Iamb	Iamb	21 38 05.1	
PPT	comp-Z,8.6nm,1.2s						
PPT	Papeete	55.12	247	LR	LR	21 56 14.0	
PPT	Papeete2	55.13	247	eLR	LR	21 54 30.0	
PPT	comp-Z,1.71nm,26.0s						
TBI	Tubuai	56.70	240	eLR	LR	21 55 14.4	
YKA	Yellowknife Ar	61.89	351	P	P	21 39 15.5	-0.2
YKA	comp-Z,1.5nm,0.8s,baz=154,slow=7.0,SNR=14			LR	LR	22 05 52.5	
YKA	comp-Z,3.45nm,18.2s,baz=0.0,slow=36						
BCAR	Beaver Creek A	69.36	340	P	P	21 40 04.5	+0.5
EPYK	Eagle Plains	70.12	344	P	P	21 40 09.7	+1.0
EPYK				Iamb	Iamb	21 40 11.6	
INL	Inuvik	70.79	346	P	P	21 40 13.6	+1.0
RND	Reindeer	72.09	338	P	P	21 40 21.5	+0.8
IL31	Ilisar	72.19	340	P	P	21 40 21.4	+0.3
IL31	Elison Array	72.19	340	P	P	21 40 21.2	0.0
ILAR	comp-Z,6.4nm,0.8s,baz=148,slow=5.0,SNR=6.3			LR	LR	22 12 53.9	
ILAR	comp-Z,2.42nm,18.0s,baz=128,slow=37						
BMAR	Burrnt Mountain	73.10	343	P	P	21 40 27.2	+0.6
I23K	Minto, Yukon-K	73.26	340	P	P	21 40 28.3	+0.8
I23K				Iamb	Iamb	21 40 33.5	
RDOG	Red Dog Mine	79.39	340	P	P	21 41 02.8	+0.5
RDOG				Iamb	Iamb	21 41 09.6	
ESDC	Sonsec Array	91.29	50	P	P	21 42 02.9	+0.4
ESDC	comp-Z,1.0nm,0.9s,baz=277,slow=5.6,SNR=5.8			LR	LR	22 16 24.2	
ESDC	comp-Z,5.9nm,21.3s,baz=40,slow=31						
ESDC	Rata Peaks	92.57	227	LR	LR	22 16 03.2	
VNDA	Vanda	94.18	192	LR	LR	22 15 22.2	
VNDA	comp-Z,9.0nm,21.3s,baz=143,slow=30						
H11N3	WAKE ISLAND Hy	94.97	290	T	T	23 27 44.8	
H11N2	WAKE ISLAND Hy	94.98	290	T	T	23 27 46.8	
H11N1	WAKE ISLAND Hy	94.98	290	T	T	23 27 46.1	
H11S2	WAKE ISLAND Hy	95.24	289	T	T	23 28 04.9	
H11S1	WAKE ISLAND Hy	95.24	289	T	T	23 28 09.1	
H11S3	WAKE ISLAND Hy	95.26	289	T	T	23 28 10.1	

Table with columns: CHN#, Viju, 2.84 323 P, Pn, 21 32 13.4 -0.9, CHN#, S, Sn, 21 32 48.7 -1.4, WHYT Xinyi Township, 2.84 337 eS, Sn, 21 32 49.6 -0.8, CHY Chiayi, 2.85 328 eS, Sn, 21 32 50.0 -0.4, CHN2 Minshiang, 2.86 329 eS, Sn, 21 32 50.4 -0.1, SSSLB Suanglung, 2.89 340 P, Pn, 21 32 14.9 -0.1, SSSLB, 2.89 340 P, Sn, 21 32 49.8 -1.6, WGK Gukeng, 2.95 332 eS, Sn, 21 32 50.6 -1.9, WDLH Douliu, 2.96 332 eP, Pn, 21 32 15.3 -0.5, WDLH, 2.96 332 eP, Sn, 21 32 52.6 -0.3, SMLT Sun Moon Lake, 3.00 339 eP, Pn, 21 32 16.6 +0.2, SMLT, 3.00 339 eP, Sn, 21 32 52.4 -1.5, WJS Zhushan, 3.00 336 eP, Pn, 21 32 16.8 +0.5, WJS, 3.00 336 eP, Sn, 21 32 53.0 -0.8, TWD Chiawan, 3.03 352 eS, Sn, 21 32 52.4 -1.9, WTK Tuku, 3.03 330 eP, Pn, 21 32 16.0 -0.7, WTK, 3.03 330 eP, Sn, 21 32 51.7 -2.6, TYC Yuchir, 3.03 339 eP, Pn, 21 32 16.6 0.0, TYC, 3.03 339 eP, Sn, 21 32 53.5 -1.0, WSF Szhu, 3.07 327 eS, Sn, 21 32 53.7 -1.5, WNT Ningjian, 3.07 336 eP, Pn, 21 32 17.5 +0.3, WNT, 3.07 336 eP, Sn, 21 32 54.1 -1.2, CHGB Renai, 3.09 345 eP, Pn, 21 32 18.1 +0.5, CHGB, 3.09 345 eP, Sn, 21 32 55.4 -0.6, WPL Puli Township, 3.10 341 eP, Pn, 21 32 18.6 +1.0, WPL, 3.10 341 eP, Sn, 21 32 55.4 -0.6, WDGJ Tungji, 3.11 315 eP, Pn, 21 32 17.7 0.0, WDGJ, 3.11 315 eP, Sn, 21 32 53.5 -2.7, NACB Ninganchiao, 3.12 352 eP, Pn, 21 32 18.1 +0.4, NACB, 3.12 352 eP, Sn, 21 32 55.8 -0.6, DPDB Guoxing, 3.13 341 eP, Pn, 21 32 17.9 -0.1, DPDB, 3.13 341 eP, Sn, 21 32 56.7 0.0, WHF Hehuan Shan, 3.15 347 eP, Sn, 21 32 19.6 +1.1, WHF, 3.15 347 eP, Sn, 21 32 57.1 -0.6, ET LH Xiulin Townshi, 3.17 350 eP, Pn, 21 32 19.0 +0.5, ET LH, 3.17 350 eP, Sn, 21 32 56.3 -1.3, RLNB Erlin, 3.22 331 eP, Pn, 21 32 19.4 +0.5, RLNB, 3.22 331 eP, Sn, 21 32 57.1 -1.4, VCHM Gimei, 3.24 312 eP, Pn, 21 32 19.2 0.0, VCHM, 3.24 312 eP, Sn, 21 32 55.8 -3.1, FUSS Fushou, 3.25 347 eP, Pn, 21 32 21.2 +1.5, FUSS, 3.25 347 eP, Sn, 21 32 60.0 +0.2, TWT Tachien, 3.27 346 eP, Pn, 21 32 21.2 +1.3, TWT, 3.27 346 eP, Sn, 21 33 01.3 +1.2, TDCB Tech, 3.28 345 eP, Pn, 21 32 20.7 +0.8, TDCB, 3.28 345 eP, Sn, 21 32 60.0 -0.5, WCHH Zhanhua, 3.30 335 eP, Pn, 21 32 19.0 -0.8, WCHH, 3.30 335 eP, Sn, 21 32 58.0 -3.4, PHUB Peng-hu, 3.35 317 eP, Pn, 21 32 19.4 +0.5, PHUB, 3.35 317 eP, Sn, 21 32 58.0 -3.4, WHP Taichung City, 3.36 342 eP, Pn, 21 32 21.2 +0.4, WHP, 3.36 342 eP, Sn, 21 33 02.4 +0.5, ENA Nanau, 3.36 355 eP, Pn, 21 32 20.7 0.0, ENA, 3.36 355 eP, Sn, 21 32 20.9 -0.3, PNG Penghu, 3.40 317 eP, Pn, 21 33 00.4 -2.2, PNG, 3.40 317 eP, Sn, 21 32 22.7 +1.3, NNSB Datong, 3.40 350 eP, Pn, 21 33 02.6 -0.3, NNSB, 3.40 350 eP, Sn, 21 32 23.1 +1.7, NNSH Datong, 3.42 349 eP, Pn, 21 33 03.0 +0.1, NNSH, 3.42 349 eP, Sn, 21 33 01.3 -1.9, NNS Nan Shan, 3.42 349 eP, Pn, 21 32 24.9 +1.6, NNS, 3.42 349 eP, Sn, 21 32 24.9 +1.6, NDT Datong Townshi, 3.55 352 eP, Pn, 21 32 24.6 +1.0, NDT, 3.55 352 eP, Sn, 21 33 04.1 -2.8, ENT T Nioudou, 3.58 353 eP, Pn, 21 32 26.4 +1.9, ENT, 3.58 353 eP, Sn, 21 32 26.4 +1.9, NSK Sanguang, 3.65 350 eP, Pn, 21 36 07.8 -0.5, NSK, 3.65 350 eP, Sn, 21 37 14.6 +1.1, KLR Kul'dur, 29.15 13 P, P, 21 37 17.9 +0.7, SONM Songino Array, 29.54 338 P, P, 21 38 57.5 +1.4, MKAR Makanchi Array, 41.16 318 P, P, 21 39 04.9 -2.3, WRA Warramunga Arr, 42.49 163 P, P, 21 39 13.7 +0.4, ZALV Zalesovo Beam, 43.30 329 P, P, 21 39 27.8 +0.8, KURBB Kurchatov Arra, 45.02 332 P, P, 21 39 32.8 -1.7, ASAR Alice Springs, 45.94 165 P, P, 21 42 48.3 0.0, FINES FINESS Array B, 74.53 330 P, P, 21 43 47.5 +0.4, YKA Yellowknife Arr, 85.51 23 P, P, 21 44 47.7 +2.1, NVAR Minna Array Bea, 98.14 44 P, Pdf, 21 44 48.7 +2.1

Table with columns: PTAR3 Potrerillos Ar, 0.75 93 I/P, Pg, 21 41 39.0 -0.2, PTAR3, 0.75 93 I/P, S, Sn, 21 41 50.5 -1.2, PSOM3 Paja de Sombre, 0.92 93 I/P, S, Sn, 21 41 42.1 -0.9, PSOM3, 0.92 93 I/P, S, Sb, 21 41 54.2 +0.1, GMAL Guarumal, Vera, 2.22 116 eP, Pn, 21 42 02.3 +1.6, CACAO El Cacao, Vera, 2.74 120 eP, Pb, 21 42 11.7 -1.5, IDC 10 21:49:50.7±0.8, 22°43'N-118°45'E, h0km, mb3.8/8, mb1.3/9/11, mb1mx3.6/44, mbmp3.8/11, ML3.7/3, MS3.2/9, Ms1.2/3.9, ms1mx2.9/51, Error ellipse: s-maj=27.5km s-min=17.2km az=64.0, NEIC 10 21:49:52.2±1.8, 22°57'N-0°04'118°42'E, h10km, 1km, mb4.0/8, Error ellipse: s-maj=11.6km s-min=4.4km az=67.0, BUJ 10 21:49:52.5±0.0, 22°64'N-118°43'E, h17km, mB4.3/8, mb4.1/14, ML4.3/10, Ms4.1/6, MS7.4/0/15, ISC 10 21:49:53.5±0.6, 22°57'N-0°06'118°39'E, h17km, n50, e207/51, mb4.0/13, MS3.1/7, 3C, Taiwan region, Code Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, KNMB Chin-men Tao, 1.89 360 P, Pn, 21 50 23.6 -1.4, PTPUB Ta-pu, 2.19 370 P, Pn, 21 50 27.8 -1.6, QZH Quanzhou, 2.37 41 I/Pn, Pn, 21 50 30.0 -1.5, QZH, 2.37 41 I/Pn, S, Sn, 21 50 57.9 -2.4, QZH comp=N,330nm,0.4s, smax, smax, TWG Pinlang, 2.49 84 P, Pn, 21 50 31.4 -1.8, SSSLB Suanglung, 2.65 62 P, Pn, 21 50 34.1 -1.4, YULB Yu-ji, 2.80 72 P, Pn, 21 50 36.5 -1.0, NACB Ninganchiao, 3.35 61 P, Pn, 21 50 44.3 -0.8, YHNB Yehang, 3.44 52 P, Pn, 21 50 45.9 -1.3, TATO Taipei, 3.71 49 P, Pn, 21 50 49.9 -0.1, YOJ Yonguniji jima, 4.64 65 Pn, Pn, 21 51 03.2 +0.4, GZH Guangzhou, 4.69 277 P, Pn, 21 51 00.6 -2.9, GZH, 4.69 277 P, S, Sn, 21 51 51.4 -6.1, GZH comp=N,450nm,1.1s, smax, smax, QIZ Qiongzong, 8.74 248 P, Pn, 21 51 59.0 -0.2, QIZ, 8.74 248 P, S, Sn, 21 53 41.9 +4.6, QIZ comp=N,650nm,6.7s, LR, LR, QIZ comp=E,530nm,10.0s, LR, LR, QIZ comp=Z,510nm,12.6s, LR, LR, QIONZ Qiongzong, 8.74 248 Pn, Pn, 21 51 58.8 -0.3, SSE Sheshan, 8.85 16 P, Pn, 21 51 59.7 -1.0, SSE, 8.85 16 P, S, Sn, 21 53 45.4 +5.4, SSE comp=Z,17nm,0.8s, smax, smax, SSE comp=N,35nm,1.2s, smax, smax, SSE Sheshan, 8.85 16 P, Pn, 21 51 59.7 -1.0, NJ2 Nanjing, 9.46 2 I/P, Pn, 21 52 07.6 -1.3, NJ2, 9.46 2 I/P, S, Sn, 21 53 49.2 -5.7, NJ2 comp=Z,14nm,0.6s, smax, smax, NJ2 comp=N,1µm,8.8s, LR, LR, NJ2 comp=E,500nm,7.4s, LR, LR, JOW Kunigami, 9.94 63 Pn, Pn, 21 52 15.2 -0.4, 1.3nm,0.3s,baz=205,slow=10,SNR=7.3, GYA Gyuanyang, 11.36 292 I/P, Pn, 21 52 35.6 +0.4, GYA, 11.36 292 I/P, S, Sn, 21 54 42.4 +0.6, GYA comp=Z,6.0nm,0.8s, LR, LR, GYA comp=N,770nm,11.6s, LR, LR, UBPT Khong Chiam, 14.21 242 Pn, Pn, 21 53 14.5 +0.4, DAV Davao City (W), 16.89 155 LR, P, 22 01 48.8, comp=Z,44nm,19.6s,baz=284,slow=3, KRSR Korea Array, 16.96 27 P, P, 21 53 52.3 +0.5, 0.2nm,0.3s,baz=224,slow=13,SNR=2.8, KRSR comp=Z,59nm,18.0s,baz=214,slow=7, BJT Baijiautau, 17.50 354 P, P, 21 53 57.8 0.0, Iamb, Iamb, CMAR Chiang Mai Arr, 18.67 261 P, Pn, 21 54 12.5 +1.3, comp=Z,0.1nm,0.3s,baz=79,slow=14,SNR=8.5, CMAR, 18.67 261 P, LR, LR, 22 01 43.4, CMAR comp=Z,62nm,18.3s,baz=133,slow=38, CMAR Chiang Mai Arr, 18.67 261 P, Pn, 21 54 11.5 +0.3, MJAR Matsushiro Arr, 22.10 47 LR, P, 22 04 12.2, comp=Z,37nm,18.3s,baz=240,slow=39, GTA Gaotai, 23.07 321 P, P, 21 55 02.9 +4.6, GTA, 23.07 321 P, pP, pP, 21 55 08.0 +2.6, GTA, 23.07 321 P, sP, sP, 21 55 11.5 +8.3, GTA comp=Z,2.0nm,1.2s, smax, smax, GTA Gaotai, 23.07 321 eP, P, 21 54 57.3 -1.0, GTA, 23.07 321 eP, pP, pP, 21 55 02.8 -0.4, GTA, 23.07 321 eP, sP, sP, 21 55 05.7 +0.3, GTA comp=Z,220nm,13.8s, LR, LR, GTA comp=Z,130nm,11.3s, LR, LR, GTA comp=Z,160nm,13.8s, LR, LR, SHL Shillong, 24.38 282 P, P, 21 55 10.4 -0.8, SHL, 24.38 282 P, Iamb, Iamb, 21 55 11.4, LSA Lhasa, 25.43 292 P, P, 21 55 21.8 +0.8, comp=Z,4.5nm,1.0s, Iamb, Iamb, SONM Songino Array, 26.98 342 P, P, 21 55 34.7 +0.2, comp=Z,0.7nm,0.9s,baz=148,slow=8.5,SNR=3.5, SONM, 26.98 342 P, LR, LR, 22 06 56.3, SONM comp=Z,43nm,21.0s,baz=232,slow=38, SONM Songino Array, 26.98 342 P, P, 21 55 34.2 -0.3, PSI Prapat, 27.25 227 LR, LR, 22 05 40.8, KLR Kul'dur, 28.63 18 LR, LR, 22 07 19.7, ASAJ Asahikawa, 29.32 37 LR, LR, 22 07 05.9, WMO Urumqi, 33.01 317 eP, P, 21 56 30.0 +2.2, MK31 Makanchi Array, 37.78 319 P, P, 21 57 08.9 +0.1, MK31, 37.78 319 P, Iamb, Iamb, 21 57 14.3, MKAR Makanchi Array, 37.78 319 P, P, 21 57 09.2 +0.4, comp=Z,1.0nm,0.7s,baz=116,slow=10,SNR=14, MKAR, 37.78 319 P, P, P, 21 59 25.3 0.0, MKAR comp=Z,0.8nm,1.0s,baz=116,slow=5.6,SNR=3.0, MKAR Makanchi Array, 37.78 319 P, P, 21 57 08.8 +0.1, MAK2 Makanchi, 37.98 318 P, P, 21 57 10.6 +0.2, MKUR Kurchatov Arra, 41.75 322 P, P, 21 57 41.8 +0.2, comp=Z,0.2nm,0.7s,baz=340,slow=7.4,SNR=7.6, KK31 Karatay Array, 44.45 309 P, P, 21 58 04.5 +0.8, KK31, 44.45 309 P, Iamb, Iamb, 21 58 08.7, KKAR Karatay Array, 44.45 309 P, P, 21 58 04.4 +0.7, WRA Warramunga Arr, 45.03 159 P, P, 21 58 06.9 -1.6, comp=Z,3.0nm,1.1s,baz=343,slow=8.8,SNR=9.6, WB2 Warramunga Arr, 45.03 159 P, P, 21 58 07.2 -1.2, ASAR Alice Springs, 48.37 161 P, P, 21 58 33.9 -0.7, comp=Z,0.8nm,0.8s,baz=340,slow=6.7,SNR=11, ASAR Alice Springs, 48.37 161 P, P, 21 58 33.7 -0.9, HNR Honiara, 51.66 123 LR, LR, 22 17 46.0, STKA Stephens Creek, 58.52 157 P, P, 21 59 45.9 -3.1, comp=Z,1.4nm,0.7s,baz=340,slow=8.1,SNR=2.4, KMBO Kilima Mbogo, 52.25 266 P, P, 21 52 15.7 +0.9, comp=Z,0.8nm,0.5s,baz=36,slow=11,SNR=4.0, YKA Yellowknife Arr, 85.43 22 P, P, 22 02 32.0 +2.1, comp=Z,0.3nm,0.7s,baz=322,slow=4.3,SNR=3.9, NNC 10 22:21:52.1±5.9, 37°11'N-70°32'E, h0km, mb4.0, mpv3.9, 2C-1D, Error ellipse: s-maj=49.4km s-min=46.9km

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, IUG luzhnyay, 5.08 353 P, Pn, 22 23 11.4 +1.9, IUG, 5.08 353 P, Pg, Pg, 22 24 12.1, MRKS Merke, 5.91 17 P, Pn, 22 23 20.6 -0.3, MRKS, 5.91 17 P, Lg, Lg, 22 24 29.8, KK31 Karatay Array, 6.00 357 P, Pn, 22 23 22.4 +0.3, KK31, 6.00 357 P, P, P, 22 24 32.1 +1.1, AAK Ala-Archa, 6.17 25 I/P, Sn, 22 23 24.3 -0.3, AAK, 6.17 25 I/P, S, Sn, 22 24 37.1 +1.1, AAK, 6.17 25 I/P, S, Sn, 22 24 37.1 +1.1

TAP 10 22:42:21.5, 24°75'N-122°26'E, h97km, ML3.0, D JMA 10 22:42:21.5±0.1, 24°65'N-122°22'E, h102km, 2km, M2.4 ISC 10 22:42:21.6±1.4, 24°77'N-0°04'122°24'E, h98km, 2km, n73, c089/123, Taiwan region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, TWB1 Santiao Chiao, 0.33 317 eP, Pn, 22 42 46.6 -0.4, TWB1, 0.33 317 eP, S, Sn, 22 42 46.6 -0.4, NTC Toucheng, 0.38 284 eP, Pn, 22 42 35.7 -0.7, NTC, 0.38 284 eP, S, Sn, 22 42 36.1 -0.3, TWC Suao, 0.39 246 P, Pn, 22 42 36.1 -0.3, TWC, 0.39 246 P, S, Sn, 22 42 46.2 -1.3, TIPB Shuangxi, 0.43 299 P, Pn, 22 42 37.0 +0.4, TIPB, 0.43 299 P, S, Sn, 22 42 48.0 0.0, NWF Wu-fen Shan, 0.51 306 eP, Pn, 22 42 37.8 +0.4, NWF, 0.51 306 eP, S, Sn, 22 42 36.6 -0.6, WFSB Wu-fen Shan, 0.51 306 eP, Pn, 22 42 37.6 +0.3, WFSB, 0.51 306 eP, S, Sn, 22 42 49.0 -0.1, ENA Nanau, 0.56 233 P, Pn, 22 42 38.0 +0.3, ENA, 0.56 233 P, S, Sn, 22 42 50.0 +0.3, TNOU National Taiwa, 0.57 312 eP, Pn, 22 42 37.5 +0.3, TNOU, 0.57 312 eP, S, Sn, 22 42 49.6 -0.2, ENT T Nioudou, 0.62 259 P, Pn, 22 42 38.8 +0.6, ENT, 0.62 259 P, S, Sn, 22 42 52.1 +1.5, TWA Mucha, 0.63 290 eP, Pn, 22 42 38.0 -0.3, TWA, 0.63 290 eP, S, Sn, 22 42 50.0 -0.7, NWLT Wulai, 0.67 271 P, Pn, 22 42 39.0 +0.4, NWLT, 0.67 271 P, S, Sn, 22 42 51.5 +0.2, NDT Datong Townshi, 0.68 256 P, Pn, 22 42 39.4 +0.8, NDT, 0.68 256 P, S, Sn, 22 42 52.5 +1.1, JYNG Yonagunijimaku, 0.72 116 P, Pn, 22 42 39.1 +0.1, JYNG, 0.72 116 P, S, Sn, 22 42 52.0 0.0, BANG New Taipei Cit, 0.76 288 eP, Pn, 22 42 39.7 +0.4, BANG, 0.76 288 eP, S, Sn, 22 42 39.6 +0.1, YOJ Yonaguni jima, 0.77 113 P, Pn, 22 42 53.2 +0.3, YOJ, 0.77 113 P, S, Sn, 22 42 39.9 +0.5, TWY Chenhua, 0.77 311 eP, Pn, 22 42 53.3 +0.4, TWY, 0.77 311 eP, S, Sn, 22 42 40.2 +0.3, NSK Sangungu, 0.80 264 P, Pn, 22 42 53.7 0.0, NSK, 0.80 264 P, S, Sn, 22 42 53.7 0.0, NACB Ninganchiao, 0.83 225 P, Pn, 22 42 39.8 -0.3, NACB, 0.83 225 P, S, Sn, 22 42 53.1 -0.9, NNSB Datong, 0.85 247 P, Pn, 22 42 40.7 +0.3, NNSB, 0.85 247 P, S, Sn, 22 42 54.7 +0.2, NNSH Datong, 0.85 247 I/P, Pn, 22 42 41.0 +0.6, NNSH, 0.85 247 I/P, S, Sn, 22 42 54.4 -0.2, NNS Nan Shan, 0.85 248 I/P, Pn, 22 42 41.0 +0.6, NNS, 0.85 248 I/P, S, Sn, 22 42 54.1 -0.5, NNTY Taoyuan, 0.88 286 eP, Pn, 22 42 41.1 +0.4, NNTY, 0.88 286 eP, S, Sn, 22 42 55.2 +0.2, ET LH Xiulin Townshi, 0.88 231 P, Pn, 22 42 40.8 0.0, ET LH, 0.88 231 P, S, Sn, 22 42 54.3 -0.9, TWD Chiawan, 0.90 221 eP, Pn, 22 42 40.6 -0.2, TWD, 0.90 221 eP, S, Sn, 22 42 54.6 -0.6, FUSS Fushou, 1.04 241 P, Pn, 22 42 43.0 +0.4, FUSS, 1.04 241 P, S, Sn, 22 42 58.4 0.0, WHF Hehuan Shan, 1.08 235 P, Pn, 22 42 43.6 +0.4, WHF, 1.08 235 P, S, Sn, 22 42 58.9 -0.5, TDCB Tech, 1.11 243 eP, Pn, 22 42 43.9 +0.6, TDCB, 1.11 243 eP, S, Sn, 22 42 59.4 -0.2, HSN1 Hsinchu, 1.11 271 eP, Pn, 22 42 43.5 +0.4, HSN1, 1.11 271 eP, S, Sn, 22 43 00.4 +1.1, LIOB Emei, 1.12 264 P, Pn, 22 42 43.4 +0.2, LIOB, 1.12 264 P, S, Sn, 22 42 59.7 +0.2, CHGB Renai, 1.20 234 P, Pn, 22 42 44.8 +0.4, CHGB, 1.20 234 P, S, Sn, 22 43 01.1 -0.3, ESL Shilin, 1.20 218 eP, Pn, 22 42 43.3 -0.9, ESL, 1.20 218 eP, S, Sn, 22 42 45.8 +0.7, WHP Taichung City, 1.27 248 eP, Pn, 22 42 43.4 +0.6, WHP, 1.27 248 eP, S, Sn, 22 42 47.2 +0.8, WPL Puli Township, 1.39 238 P, Pn, 22 42 47.2 +0.8, WPL, 1.39 238 P, S, Sn, 22 42 46.2 +1.0, NSY Sanyi, 1.39 256 eP, Pn, 22 42 46.9 +0.5, NSY, 1.39 256 eP, S, Sn, 22 42 47.2 +0.7, TWQ1 Liyuan, 1.40 253 eP, Pn, 22 42 47.5 +0.9, TWQ1, 1.40 253 eP, S, Sn, 22 42 47.0 +0.2, PDWB Guoxing, 1.40 239 eP, Pn, 22 42 47.5 +0.9, PDWB, 1.40 239 eP, S, Sn, 22 43 05.4 -0.4, VVWDT VVWDT, 1.42 225 P, Pn, 22 43 05.4 -0.4, VVWDT, 1.42 225 P, S, Sn, 22 43 05.6 -1.3, IRIF Iriomote-Funau, 1.43 107 P, Pn, 22 42 46.8 0.0, IRIF, 1.43 107 P, S, Sn, 22 42 46.8 -0.6, HGSD Ruisui, 1.47 210 P, Pn, 22 43 05.6 -1.3, HGSD, 1.47 210 P, S, Sn, 22 42 48.8 -0.9, SMLT Sun Moon Lake, 1.50 234 P, Pn, 22 42 48.8 -0.9, SMLT, 1.50 234 P, S, Sn, 22 42 48.8 -0.9

INET 10 21:41:23.5, 8°73'N-83°29'W, h15km, MW2.8 UPA 10 21:41:24.5±0.9, 8°74'N-83°25'W, h16km, 3km, MW4.1, 3C-2D, Costa Rica, Code Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, PIRO Carate, Puerto, 0.34 194 eP, Pn, 21 41 31.3 -0.3, PIRO, 0.34 194 eP, S, Sn, 21 41 37.7 +0.3, MLIR3 Monte Lirio, C, 0.43 82 eP, Pn, 21 41 33.9 +0.1, MLIR3, 0.43 82 eP, S, Sn, 21 41 41.2 +1.2, DRKO Durika, 0.52 1 I/P, Pn, 21 41 35.3 -0.1, DRKO, 0.52 1 I/P, S, Sn, 21 41 44.1 +1.3, BRU2 Volcan, 0.56 84 I/P, Pn, 21 41 35.9 -0.1, BRU2, 0.56 84 I/P, S, Sn, 21 41 45.1 +1.2, BC3P Paso Ancho, 0.64 83 I/P, Pn, 21 41 37.1 -0.1, BC3P, 0.64 83 I/P, S, Sn, 21 41 47.0 +0.8, BC02 Palmira, 0.72 91 I/P, Pn, 21 41 38.3 -0.3, BC02, 0.72 91 I/P, S, Sn, 21 41 49.6 +1.2

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SMLT, SSSLB, TYC, HATJ, etc.

IDC 10 22:48:26.3;7.6,37.12N;71.66E, h291km,44km, mb3.1/4, mb1.3,1/10,mb1mx2.8/59,mbtmp3.8/10, Error ellipse: s-maj=77.1km s-min=31.7km az=180.0

NNC 10 22:48:44.7;3.4,38.62N;72.02E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=30.2km s-min=23.6km az=42.0

ISC 10 22:48:00.5;1.2,36.72N;0.08;71.3E;0.1, h10km, n25, c2545/26, mb3.8/4, 3C-3D, Afghanistan-Tajikistan border region

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

NNC 10 22:52:29.2;2.3,38.02N;71.71E, h0km, mb3.8, mpv3.5, 2C-4D, Error ellipse: s-maj=18.0km s-min=14.8km

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

IDC 10 23:16:30.2;4.6,37.31N;72.45E, h210km,33km, mb3.3/7, mb1.3,5/12,mb1mx3.1/39,mbtmp4.0/12, Error ellipse: s-maj=45.4km s-min=26.4km az=162.0

NEIC 10 23:16:31.4;1.1,37.51N;0.08;72.29E;0.07, h205km,5km, mb4.1/7, Error ellipse: s-maj=11.0km s-min=8.7km az=182.0

NNC 10 23:16:34.5;4.7,37.67N;72.15E, h100km, mb4.0, mpv4.7, Error ellipse: s-maj=41.9km s-min=34.4km az=44.0

ISC 10 23:16:30.2;0.6,37.44N;0.05;72.40E;0.06, h200km, n64, c152/70, mb3.5/9, 3C-1D, Tajikistan

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

IDC 10 22:48:26.3;7.6,37.12N;71.66E, h291km,44km, mb3.1/4, mb1.3,1/10,mb1mx2.8/59,mbtmp3.8/10, Error ellipse: s-maj=77.1km s-min=31.7km az=180.0

NNC 10 22:48:44.7;3.4,38.62N;72.02E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=30.2km s-min=23.6km az=42.0

ISC 10 22:48:00.5;1.2,36.72N;0.08;71.3E;0.1, h10km, n25, c2545/26, mb3.8/4, 3C-3D, Afghanistan-Tajikistan border region

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NC204, ESDC, TORD, YKA.

UPA 10 23:30:29.4;1.2,8.79N;78.57W, h5km,7km, MW3.5, ISC 10 23:30:28.7;1.7,9.3N;0.2;78.50W;0.04, h71km,15km, n12, c0592/20, Panama

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CNTA3, UPD2, TABO3, etc.

INET 10 23:41:14.0;9.59N;83.56W, h5km, MW3.0, UPA 10 23:41:14.5;0.8,9.55N;83.49W, h7km,4km, MW3.5, 3C-1D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DRKO, HDC, BRU2, etc.

WEL 10 23:41:19.7;44.5;5.16;9E;1, h5km,4km, M2.8/12, mb5.6/1, ML2.7/11, MLV2.8/12, Mw(mb)5.1/1, Error ellipse: s-maj=0.0km s-min=0.0km az=112.3, South Island

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

RSNC 11 00:10:07.7;1.1,4.71N;73.01W, h23km,4km, ML3.2, MW3.3

IDC 11 00:10:13.1;1.1,5.44N;73.38W, h70km,15km, mb3.2/2, mb1.3,6/3,mb1mx3.1/29,mbtmp3.6/3, Error ellipse: s-maj=31.9km s-min=10.2km az=133.0

ISC 11 00:10:06.6;1.2,4.74N;0.03;72.98W;0.03, h30km,2km, n36, c1546/61, 1C-2D, Colombia

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

comp=Z,0.1nm,0.4s,baz=313,slow=6.0,SNR=5.5

IDC 11 02:09:09.9,2.9,55.89N;149.93W,h0km,mb3.21, mb1 3.7/6,mb1mx3.6/2,mbtmp3.5/6,ML3.4/5,M2.7/4, Ms1 2.8/4,ms1mx2.6/16,Error ellipse:s-maj=46.4km s-min=26.0km az=177.0

NEIC 11 02:09:13.0,1.5,56.12N;150.01W,0.1,h27km,10km, Error ellipse:s-maj=12.6km s-min=7.9km az=164.0

AEIC 11 02:09:13.1,4.56,14N;0.06,150.08W,0.0,h28km,5km, ML3.5,ML3.9/26(NEIC),Error ellipse:s-maj=8.8km s-min=7.0km az=214.0

ISC 11 02:09:13.9,1.2,56.12N;0.09,150.09W,0.06,h35km,n87, s104/86,Gulf of Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Old Harbor, Kodiak Island, Sitkinak Island, etc.

IDC 11 02:35:39.8,2.4,6.23S;154.79E,h104km,23km,mb3.9/13, mb1 4.2/16,mb1mx4.0/29,mbtmp4.3/16,MS3.2/2, Ms1 3.2/2,ms1mx2.7/26,Error ellipse:s-maj=18.1km s-min=13.2km az=177.0

ISC 11 02:35:39.6,0.5,6.22S;0.06,154.85E;0.06,h100km,n45, s111/45,mb4.2/19,BoutzenIsland-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Rabaul, Honiara, Port Moresby, etc.

IDC 11 02:59:59.1,1.1,33.88N;137.41E,h344km,11km,mb3.0/7, s-maj=22.6km s-min=13.5km az=69.0

JMA 11 02:59:59.4,0.2,33.92N;137.41E,h344km,2km,Ms3.1

ISC 11 02:59:59.4,0.2,33.92N;0.08,137.23E;0.07,h343km,6km, n27,s084/35,mb3.1/7,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like TONANKAI O.B.S., TOKAI O.B.S., etc.

0.1nm,0.3s,baz=359,slow=9.8,SNR=2.1

BGR 11 03:30:08.8,0.0,12.49N;93.03E,h37km,mb5.1,Ms4.6

IDC 11 03:30:09.0,0.4,13.10N;92.24E,h0km,mb4.9/53, mb1 4.9/54,mb1mx4.9/64,mbtmp4.9/54,ML4.7/1,MS4.6/28, Ms1 4.6/28,ms1mx4.5/35,Error ellipse:s-maj=11.2km s-min=7.9km az=78.0

KLM 11 03:30:08.13,31N;91.36E,h10km,mb5.3

DJA 11 03:30:09.6,0.4,13.10N;92.39E,h10km,Ms5.2/14, mb5.2/14,mb5.5/13,MLV5.1/1,MLV5.1/0.13, MwMwp4.6/2,Mwp5.0/2

BUI 11 03:30:10.4,0.0,13.20N;92.24E,h21km,mb5.1/63, mb5.0/78,Ms5.0/89,Ms7.4/781

MOS 11 03:30:11.9,0.0,13.15N;92.28E,h32km,mb5.3/55, Ms4.7/77,Error ellipse:s-maj=6.3km s-min=3.8km az=110.6

NEIC 11 03:30:11.8,0.9,13.23N;0.07,92.35E;0.08,h20km,3km, mb5.3/45,Ms5.1/26,Error ellipse:s-maj=11.1km s-min=10.0km az=78.0

NDI 11 03:30:12.0,3.4,13.23N;92.22E,h9km,12km,mb5.0, ML5.3,mb5.3(NEIC)

GCMT 11 03:30:12.8,0.1,13.13N;0.01,92.30E;0.01,h27km, MwV5.3/10,Moment Tensor Solution. s92.c132; s140,c242; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mw-0.07±0.02; Mw0-0.79±0.02; Mw0.08±0.01; Mw-0.39±0.03; Mw0.62±0.01; Mw-0.50±0.04; Best double couple: M1,18900.017; N1,151.00000; S2,63.00000; S1,713.00000; NP2=244.00000; S84.00000; S27.00000; N1.00000; P1=1.00000; Azm14.00000; Azm256.00000; P 1.00000; Plg14.00000; Azm14.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

NEIC 11 03:30:13.7,13.26N;92.39E,h20km,Moment Tensor Solution. Moment tensor: Scale 1019Nm; Mw0.66; Mw-3.73; Ms3.08; Mw-1.07; Mw3.71; Mw-3.16; Fault plane solution: M6.07000/1016; NP1=155.14000; S72.26000/1,155.92000; NP2=252.90000; S67.13000/1,19.31000; Principal axes: T 6.5750, Plg29.0000, Azm11.3.0000; N -1.1964, Plg6.0000, Azm301.0000; S -5.3786, Plg3.0000, Azm205.0000.

ISC 11 03:30:13.6,0.2,13.21N;92.32E;0.03,h32km,2km, h32km;P-P,n174,s177787,mb5.2/220,MS4.7/60, 103C-3/7,Fault plane solution: NP1=246.55603; S87.32623; S50.29985; NP2=153.34003; S39.75222; S1,175.81859; Principal axes: T Plg35.20055; Azm12.9998; N Plg39.6484; Azm248.7739; P Plg30.6950; Azm8.2425; Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like DIGLIPUR, Port Blair, SRDT, UMPA, etc.

Table of astronomical observations for 11d 3h, listing stations like PMG, MOS, OBNS, etc., and their respective coordinates and signal quality.

Table of astronomical observations for 2015 FEB, listing stations like VSU, PUNG, VAY, etc., and their respective coordinates and signal quality.

Table of astronomical observations for 2015 FEB, listing stations like CNB, PBCC, BRG, etc., and their respective coordinates and signal quality.

Table of astronomical observations for 2015 FEB, including stations like MUD, DAVOX, KASTN, TNS, BFO, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for 2015 FEB, including stations like INK, KOWA, KOWA, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for 11d 5h, including stations like ASAR, Alice Springs, PMG, etc., with columns for station name, time, and other parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAML comp=Z,4.2nm,0.8s, SAML Pine Nut, ULM Lac du Bonnet, etc.

IDC 11 05:22:38.3 0.9,56:19Sx150.92W, h0km, mb3.9/4, mb1 4.1/14, mb1mx3.9/20, mbtmp3.9/4, MS2.6/4, Ms1 3.6/4, ms1mx3.2/22, Error ellipse: s-maj=128.5km, s-min=25.8km az=7.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Vnda Vanda, QSPA South Pole, MSFV Nonsavu, etc.

IDC 11 05:40:02.7 9.6,16:14Sx173.13W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.6/29, mbtmp3.7/3, MS2.6/1, Ms1 2.6/1, ms1mx2.5/30, Error ellipse: s-maj=428.6km, s-min=35.2km az=139.0, Tonga Islands

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

SOME 11 05:45:07.2 43:37N-81:17E, h10km, NNC 11 05:45:07.8 0.5, 43:38N-81:15E, h0km, mb3.5, mpv3.5, Error ellipse: s-maj=4.4km, s-min=2.2km az=147.0

ISC 11 05:45:07.4 1.7, 43:31N-105:81.10E, h10km, 11km, n52, i189/80, 13C-SD, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KTMS Ketmen, ASAR Alice Springs, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PDGK Podgornoye, PDGK Podgornoye, SHLS Shalkode, etc.

IDC 11 05:48:16.8 1.7, 46:02N-82:58E, h0km, mb3.8, mpv3.1, Error ellipse: s-maj=11.0km, s-min=7.6km az=108.0

SOME 11 05:48:17.4 46:10N-82:22E, h0km, ISC 11 05:48:19.3 1.1, 46:24N-107:82:39E, 0.08, h10km, n15, i154/24, 3C-1D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MK31 Jarkent, MAKZ Makanchi Array, etc.

IDC 11 05:59:10.4 1.4, 53:88N-168:38E, h39km, 21km, ML3.7, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BKI Bering, KBTR Kutubbergovo, KGB Kutubbergovo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KST KasteK, DGS Degeres, TKM2 Tokmak 2, etc.

IDC 11 06:11:38.4 1.1, 12:26Sx166:69E, h144km, 8km, mb4.0/18, mb1 4.1/18, mb1mx4.1/29, mbtmp4.4/18, Error ellipse: s-maj=24.4km, s-min=14.5km az=141.0

NEIC 11 06:11:41.6 1.6, 12:25S-161:166E, 0.1, h170km, 7km, mb4.6/18, Error ellipse: s-maj=20.3km, s-min=14.6km az=82.0

ISC 11 06:11:39.5 0.4, 12:13Sx006:166:61E, 0.09, h150km, n70, i185/75, mb4.4/26, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, UATNC Mamie plateau, DZM Mont Dumaz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THZ Topouse, WRO Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

ANF 11 06:19:34.0, 0.71, 1.90Nk: 119.64W, h2km, 5km, ML3.1/6, Error ellipse: s-maj=3.8km s-min=2.6km az=99.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MOD Modoc Plateau, LKVV Lakeview, WFOR Wild Horse Val, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SVIC Surveyors Ice, PINE Pine Mountain, BEKR Beckworth, etc.

IDC 11 06:25:12.9, 1.8, 9.51S: 125.76E, h0km, mb3.9/1, mb1 3.9/3, mb1mx3.6/22, mbtm3.7/3, ML3.7/2, Error ellipse: s-maj=172.3km s-min=31.2km az=58.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, BATI Baumata, MMRI Maumere, etc.

VAO 11 06:25:38.1, 0.6, 21.87S: 69.05W, h149km, 4km, mb3.9, IDC 11 06:25:40.1, 0.9, 21.86S: 68.25W, h14km, 12km, mb3.3/2, mb1 3.3/5, mb1mx3.2/23, mbtm3.6/5, Error ellipse: s-maj=38.3km s-min=13.7km az=103.0

GUC 11 06:25:41.6, 0.6, 21.77S: 68.57W, h133km, 3km, ML3.9, IDC 11 06:25:43.0, 0.7, 21.77S: 68.64W, h127km, 7km, n48, 1908/66, 9C-3D, Chile-Bolivia border region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TRCB Terra Rica, PTGB Pitanga, ITAB Concordia, etc.

KRNET 11 06:34:39.3, 0.1, 41.22N: 70.93E, h24km, mb2.5, NNC 11 06:34:42.2, 1.8, 41.41N: 71.04E, h0km, mb3.4, mpv3.3, Error ellipse: s-maj=16.3km s-min=4.8km az=11.0

SOME 11 06:34:42.8, 1.4, 47N: 71.10E, h5km, ISC 11 06:34:39.7, 1.1, 41.27N: 0.03, 71.05E: 0.03, h26km, 10km, n37, 2831/45, 28C-8D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TRKS Terek-Say, IUG luzhny, IUG luzhny, etc.

11d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTLS Baital, BTLS Kurly, KUU Kurly, 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, 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, etc.

IDC 11 07:11:50.5:0.6,55:06S:30:91W, h0km, mb4.1/8, mb1 4.2/8, mb1mx3.4/0.23, mbtmp4.1/8, Error ellipse: s-maj=28.1km s-min=21.6km az=41.0

NEIC 11 07:11:55.9:1.5,55:1S:0:1:30:9W:0.2, h34km,5km, mb4.5/14, Error ellipse: s-maj=19.1km s-min=16.5km az=59.0

ISC 11 07:11:52.1:0.6,55:1S:0:1:30:9W:0.1, h10km, n33, s1502Z, mb4.3/12, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

NNC 11 07:23:31.5:1.8,53:85N:90:64E, h0km, mb3.7, mpv3.4, 5C-6D, Error ellipse: s-maj=13.8km s-min=9.4km az=59.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAAO Zalesovo Array, KURK Kurchatov, KURK Kurk, etc.

2015 FEB

NNC 11 07:41:08.0:5.3,36:41N:70:49E, h0km, mb3.5, mpv3.0, 5C, Error ellipse: s-maj=50.9km s-min=39.7km az=127.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, AB31 Akbulak array, etc.

IDC 11 07:55:55.8:68.0,19:89S:177:44W, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.5/20, mbtmp3.5/3, Error ellipse: s-maj=1245.0km s-min=185.6km az=83.0, Fiji Islands region

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

NEIC 11 08:12:34.2:0.8,11:0S:0:1:163:02E:0.10, h44km,8km, mb4.4/10, Error ellipse: s-maj=18.1km s-min=11.3km az=211.0

IDC 11 08:12:34.8:3.3,10:97S:162:99E, h51km,26km, mb3.9/8, mb1 4.0/11, mb1mx3.7/46, mbtmp4.2/11, ML4.2/3, MS3.3/5, MS1 3.3/5, ms1mx2.8/43, Error ellipse: s-maj=24.3km s-min=19.2km az=73.0

ISC 11 08:12:33.0:0.7,10:91S:0:09:163:06E:0.09, h34km, n38, s1513Z, mb4.3/11, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Nonsau, HNR Port Moresby, etc.

ISC 11 08:41:21.9:1.8,13:41N:145:02E, h53km,14km, mb3.2/6, mb1 3.5/6, mb1mx3.2/45, mbtmp3.5/6, Error ellipse: s-maj=43.9km s-min=19.3km az=105.0

ISC 11 08:41:19.6:1.0,13:20N:145:4E:0.1, h35km, n13, s1517Z, mb3.4/6, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, H113 WAKE ISLAND Hy, H111 WAKE ISLAND Hy, etc.

NNC 11 08:14:11.0:2.9,55:81N:86:14E, h13km,12km, mb3.6, mpv3.2, 5C-3D, Error ellipse: s-maj=16.7km s-min=14.3km az=158.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAAO Zalesovo Array, KURBB Kurchatov Arr, MK31 Makanchi Array, etc.

IDC 11 08:18:37.2:1.0,2:90N:128:67E, h0km, mb3.8/7, mb1 3.9/8, mb1mx3.6/61, mbtmp3.8/8, ML3.4/1, MS2.7/2, MS1 2.7/2, ms1mx2.3/47, Error ellipse: s-maj=67.5km s-min=15.8km az=68.0

ISC 11 08:18:42.2:1.0,2:90N:128:7E:0.3, h35km, n14, s1521Z, mb3.8/7, 1D, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJI Sorong, SIJI Kurchatov Arr, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KCP Kidapawan, GUMO Guam, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 11 08:31:45.2:3.2,27:56N:56:17E, h0km, mb3.4/3, mb1 3.4/3, mb1mx3.2/56, mbtmp3.4/3, Error ellipse: s-maj=81.2km s-min=35.9km az=160.0

TEH 11 08:31:50.6,28:01N:56:01E, h10km, ML3.3

THR 11 08:31:51.1,0:4,28:02N:56:07E, h14km,5km, ML3.2

ISC 11 08:31:50.8:0.8,28:02N:0:03:56:07E:0.07, h16km, n27, s1518Z, mb3.5/3, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GENO Geno, BNDS Bandar-Abbas, BNDS Bandar-Abbas, etc.

IDC 11 08:41:21.9:1.8,13:41N:145:02E, h53km,14km, mb3.2/6, mb1 3.5/6, mb1mx3.2/45, mbtmp3.5/6, Error ellipse: s-maj=43.9km s-min=19.3km az=105.0

ISC 11 08:41:19.6:1.0,13:20N:145:4E:0.1, h35km, n13, s1517Z, mb3.4/6, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, H113 WAKE ISLAND Hy, H111 WAKE ISLAND Hy, etc.

IDC 11 09:21:12.0:2.2,29:62N:51:11E, h0km, mb3.8/8, mb1 3.8/8, mb1mx3.6/46, mbtmp3.8/8, MS3.0/2, MS1 2.9/2, ms1mx2.4/43, Error ellipse: s-maj=62.4km s-min=23.3km az=152.0

THR 11 09:21:12.5:0.4,29:54N:51:51E, h6km,7km, ML3.4

TEH 11 09:21:13.5,29:54N:51:33E, h11km, ML3.5

KISR 11 09:21:15.7:0.7,29:74N:51:16E, h42km,710km, ML3.9, Hypocentre not reviewed by the ISC

ISC 11 09:21:13.7:0.8,29:50N:0:05:51:34E:0.05, h10km, n52, s1524Z, mb3.7/8, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAZI Kazerun, AHBU Ahrum, SHI Shiraz, etc.

11d 10h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Copiap, Las Campanas, El Transito, Maricunga, etc.

2015 FEB

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Cruzeiro do Sul, SAML Samuel, ITRB Iturama, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like H1N3 WAKE ISLAND, H1N1 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AKBB Malin Array, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like BRLS Boroday, BRLS Boroday, etc.

11d 13h

Table with columns: Station Name, Frequency, Class, Mode, Power, and Offset. Includes stations like Kings Mountain, Blount Mountain, and various local news stations.

2015 FEB

Table with columns: Station Name, Frequency, Class, Mode, Power, and Offset. Includes stations like Gosnell, Glass, Sharon Grove, and various local news stations.

490

Table with columns: Station Name, Frequency, Class, Mode, Power, and Offset. Includes stations like Alum Creek Sta, North Scituate, and various local news stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like J59A Piesco, J59A Piesco, KAN10 Argonia South, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TUC Tucson, TUC Tucson, E60A Ste Agathe de, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PV16 Nyswonger Mesa, PV19 Morning Glory, CBX Cerro Bola, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like YKA, RES, GERES, INK, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like EKS2, AML, AAK, UCH, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like GKN, USRK, USRK, Gorkha, etc.

SOME 11 13:44:26.0,38'68N;72'35E,h5km
NCC 11 13:44:33.5,2.7,38'10N;72'10E,h150km,65km,mb2.9,
mpv3.8,Error ellipse: s-maj=32.1km s-min=15.8km
az=19.0

ISC 11 13:44:26.7,3.4,37.7N;02:72:1E;0.1,h35km,n12,
c#202/16,2C-2D,Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include AML, IUG, UCH, MRKS, EKS2, AAK, AAK, AAK, ULHL, KK31, CHMS, TKM2, AB31.

SOME 11 13:45:45.8,39'22N;70'83E,h0km
IDC 11 13:45:49.1,2.0,38'53N;70'00E,h0km,mb3.7/2,
mb1 3.6/8,mb1mx3.4/60,mbtmp3.5/8,ML3.1/6,Error
ellipse: s-maj=37.9km s-min=16.6km az=146.0

NCC 11 13:45:53.5,3.1,39'04N;69'56E,h0km,mb4.2,mpv3.9,
Error ellipse: s-maj=23.4km s-min=15.2km az=9.0
KRNET 11 13:45:54.0,1.3,39'08N;69'93E,mb3.5
ISC 11 13:45:54.5,1.3,39'14N;0:08'69.9SE;0.05,h13km,n30,
c#80/45,18C-9D,Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include BTk, TRKS, OHH, SFK, SFK, IUG, IUG, ARSB, BRLS, BRLS, MNAS, MNAS, DZA, KK31, KK31, AML, AML, ARLS, MRKS, MRKS, EKS2, UCH, UCH, AAK, AAK, AAK, SGDS, TKM2, TKM2, MKAR, AB31, KURBB, BVAR, AKTO, AKTO, TORD, YKA.

mb1 3.6/6,mb1mx3.5/2,mbtmp3.6/6,MS3.6/1,Ms1 3.6/1,
ms1mx2.6/42,Error ellipse: s-maj=127.0km s-min=20.0km
az=55.0

DJA 11 13:48:26.5,5.1,3'S;23'x10'2E;1'4,h200km,45km,
M3.6/5,MLV3.6/5

ISC 11 13:48:27.5,1.3,2.65S;02:102:3E;0.4,h200km,n9,
c#61/9,mb3.3,6,Western Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include LHSI, MNAI, WRA, ASAR, ASAR, SOJM, SOJM, MKAR, KURBB, ZALV.

IDC 11 13:53:47.8,2.8,4.07S;126'93E,h0km,mb3.1/2,
mb1 3.3/3,mb1mx3.1/46,mbtmp3.2/3,ML2.7/1,MS2.9/1,
Ms1 2.9/1,ms1mx2.3/19,Error ellipse: s-maj=350.0km
s-min=29.8km az=65.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include SIJI, WRA, ASAR, MKAR.

IDC 11 14:04:14.6,1.2,39'38N;110'57E,h0km,mb3.5/5,
mb1 3.7/7,mb1mx3.4/53,mbtmp3.6/7,ML3.1/2,Error
ellipse: s-maj=25.9km s-min=20.0km az=47.0

ISC 11 14:04:19.1,1.1,39'34N;110'05E;0.1,h35km,n8,
c#180/3,mb3.7/6,Western Nei Mongol

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include SONM, SONM, KSRS, MKAR, ZALV, CMAR, JHJ, KURBB, YKA.

NEIC 11 14:05:23.8,1.1,53'1N;0'x1'72'E;0.1,h7km,6km,
mb4.4/8,Error ellipse: s-maj=18.6km s-min=4.2km
az=208.0

IDC 11 14:05:29.2,3.8,53'08N;172'22E,h47km,37km,mb3.2/7,
mb1 3.6/9,mb1mx3.6/2,mbtmp3.5/9,ML2.9/1,Error
ellipse: s-maj=69.4km s-min=18.7km az=3.0

ISC 11 14:05:26.7,0.8,53'0N;02:172:39E;0.06,h28km,n28,
c#93/23,mb3.7/11,Near Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include SBY, PEAB0, PETK, PETK, TTA, OHAQ, USA0B, USA0B, H1N2, H1N3, H1N1, H1S1, H1S3, H1S2, YKA, SONM, NVAR, FCC, PDAR, PSUT, KURK, KURK, KURBB, PV17, MKAR, KEV, ABKAR, TXAR.

IDC 11 14:05:41.2,2.8,3.66S;129'91E,h0km,mb3.0/2,
mb1 3.3/3,mb1mx2.1/46,mbtmp3.1/3,ML2.7/1,MS3.6/1,
Ms1 3.6/1,ms1mx2.7/18,Error ellipse: s-maj=188.1km
s-min=31.4km az=70.0, Seram

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include WRA, ASAR, CTA, MKAR.

IDC 11 14:14:24.6,3.2,11.73N;127'34E,h0km,mb3.6/4,
mb1 3.7/4,mb1mx3.4/40,mbtmp3.6/4,MS2.7/1,Ms1 2.7/1,
ms1mx2.4/36,Error ellipse: s-maj=242.2km
s-min=25.0km az=65.0,Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include WRA, ASAR, CTA, MKAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include DAV, WRA, ASAR, STKA, MKAR.

IDC 11 14:15:03.5,3.2,14'55S;174'26W,h0km,mb3.7/4,
mb1 4.0/4,mb1mx3.7/36,mbtmp3.7/4,Error ellipse:
s-maj=188.2km s-min=28.1km az=146.0

NEIC 11 14:15:07.5,1.7,14'60S;070'174;1W;0'2,h35km,2km,
mb4.5/3,Error ellipse: s-maj=27.7km s-min=11.9km
az=94.0

ISC 11 14:15:07.3,1.1,14.7S;0'3:174'1W;0.2,h35km,n10,
c#1516/9,mb3.8/6,Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include AFI, PPTF, WRA, AS31, AMKA, NVAR, NVAR, ILAR.

IDC 11 14:14:14.9,0.7,0.97N;98'11E,h0km,mb4.4/16,
mb1 4.4/17,mb1mx4.2/38,mbtmp4.3/17,ML4.3/1,MS3.4/13,
Ms1 3.5/13,ms1mx3.2/56,Error ellipse: s-maj=22.1km
s-min=13.0km az=70.0

BUI 11 14:32:18.9,0.0,0.99N;98'17E,h45km,mb5.1/25,
mb4.6/45,MS4.2/5,MS4.7/0.5

DJA 11 14:32:18.4,0.5,1'12S;9'8E';h10km,MB 6/6,MLV4.6/6
NEIC 11 14:32:18.4,1.9,1'12N;0'07:9'E;0.05,h36km,6km,
mb4.7/4,Error ellipse: s-maj=10.1km s-min=5.8km
az=203.0

KLM 11 14:32:23.1,41N;97'83E,h41km,mb4.5
ISC 11 14:32:20.0,0.5,1'10N;0'05:98'05E;0.05,h32km,n148,
c#1913/41,mb4.6/42,MS3.5/13,1C,Northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include GSI, RPSI, TPTI, BKNi, LHMI, IPM, KULM, MYKOM, PKDT, MNAI, SBUM, UTHA, DLV, CHAI, SUKH, MHMT, CM04, CM05, CM13, CM01, CM02, CM09, CM15, CM31, CMAR, CMAR, CMAR, CM36, CM37, CM32, CM35, CM30, CM33, CM34, PALK, MYLDM, MYLDM, SLVN, QIZ, QIZ, SAIH, KAPI, TOL2, KMI, KMI, KOHI, SHL, MOKO, BOK, TEZP, ZIRO, H08S2, H08S3, H08S1.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BATI Baumata, DAV Davao City, LSA Lhasa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NRIK Nori'sk, NRIK Nori'sk, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WRAB Tennant Creek, WRAB Alice Springs, etc.

Additional technical information and notes at the bottom right of the page, including coordinates and station identifiers.

11d 15h

Table with columns: LUWI, WRA, ASAR, STKA, MKAR. Includes station names, coordinates, and time/res data.

ISK 11 15:11:49.6,38°56'N,26°00'E,h11km,ML2.8/8
DDA 11 15:11:50.7,38°59'N,26°17'E,h7km,3km,ML2.3
ISC 11 15:11:50.5,1.1,38°61'N,0°03.26'09E,0.05,h14km,9km,

Main table for 11d 15h section, listing stations like CHOS, ZEVE, DKL, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, Op, ISC, h, m, s, ISC.

ISC 11 15:12:39.6,33.33785°178.89W,h0km,mb3.6/2,
mb1 3.9/3,mb1mx3.7/37,mbtmp3.7/3,ML3.8/1,Error
ellipse: s-maj=74.7km s-min=37.0km az=116.0,South
of Kermadec Islands

Table for 11d 15h section, listing stations like URZ, ASAR, WRA, FINES.

NAO 11 15:14:31.4,0.7,67.77N,20.44E,ML2.9
IDC 11 15:14:32.4,0.8,67.78N,20.53E,h0km,mb1 3.4/5,
mb1mx3.1/69,mbtmp3.4/5,ML2.4/5,Error ellipse:
s-maj=14.4km s-min=7.1km az=110.0

Main table for 11d 15h section, listing stations like KUA, RATU, KOVU, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, Op, ISC, h, m, s, ISC.

2015 FEB

Table for 2015 FEB section, listing stations like FIAO, FINES, NOA, HFS, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, Op, ISC, h, m, s, ISC.

IDC 11 15:25:43.0,1.6,199N,126°51'E,h0km,mb3.7/3,
mb1 3.8/4,mb1mx3.5/43,mbtmp3.7/4,ML3.7/1,Error
ellipse: s-maj=113.7km s-min=21.9km az=68.0
DJA 11 15:25:43.2,0.4,199°51'27"E,h10km,M4.0/11,mb4.2/3,
mb4.6/7,ML3.9/11,MW(MB)3.8/1

ISC 11 15:25:49.5,1.1,205°N,0°08.126'67E,0.09,h47km,n12,
c1500/13,mb3.8/3,Northern Molucca Sea

Table for 2015 FEB section, listing stations like TINTI, GSHI, GTON, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, Op, ISC, h, m, s, ISC.

NOU 11 15:29:42.7,37°30'S,176°83'E,h261km,MLv3.9,Northern
Island, New Zealand
WEL 11 15:29:40.9,37°35'17.7E,h283km,7km,M3.6/103,
mb3.8/1,ML3.9/103,MW(MB)2.8/1,Error ellipse:
s-maj=0.0km s-min=0.0km az=2.4,North Island

Main table for 2015 FEB section, listing stations like MYRZ, IGRZ, OPRZ, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, Op, ISC, h, m, s, ISC.

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Main table for 496 section, listing stations like WHVZ, TRVZ, WNVZ, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, Op, ISC, h, m, s, ISC.

ISN 11 15:32:04.6,2.0,32°76'N,47°70'E,h9km,16km,ML3.1
TEH 11 15:32:05.0,32°75'N,47°77'E,h8km,ML3.3
THR 11 15:32:07.3,0.4,32°77'N,47°81'E,h18km,2km,ML3.2
ISC 11 15:32:05.3,1.3,32.77N,0°03.47'77E,0.03,h4km,12km,
n31,15°15'36,Iran-Iraq border region

Main table for 496 section, listing stations like DHLI, IKFM, IKMR, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, Op, ISC, h, m, s, ISC.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes entries for Port Moresby, Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, MKAR Makanchi Array, TORO Torodi Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes entries for NIKH Nikolski High, NIKH Nikolski High, OKSP Okmok Steeple, OKSO Okmok South, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes entries for ASAR Alice Springs, DRS 11 15:53:07.7, NORS 11 15:53:16.5, MOS 11 15:53:17.1, etc.

BER 11 15:41:02.9, 2.8, 77.36N, 7.44E, h10km, ML2.6, ML3.0(DNK), Confirmed Earthquake
IEPN 11 15:41:03.0, 77.35N, 7.46E, h10km
NAO 11 15:41:03.3, 6.5, 77.39N, 7.27E, h16km, 55km, ML3.8

Main table for station data on the left side, including entries for BRBA Barentsburg A, KBS Kingsbay, HSPB Hornsund (broa), SPAO Spitsbergen Arr, etc.

Main table for station data in the middle, including entries for M24K Tolsona, GLB Gilahina Butte, CRQM Cirque, etc.

Main table for station data on the right side, including entries for BTLR Botliikh, PNSH Pansheti, DVE Vedeno, etc.

PRE 11 15:55:44.3, 1.3, 18.20S, 27.50E, h5km, ML3.5, Zimbabwwe

Table for station data under the PRE header, including entries for MSNA Messina, MOPA Mopani, LBTB Lobatse, etc.

IDC 11 15:56:28.6, 2.2, 0.02S, 123.84E, h114km, 22km, mb3.8/10, mb1.3/9.13, mb1mx3.7/33, mbtmp4.2/13, MS2.6/3, Ms1.2/7.3, ms1mx2.5/36, Error ellipse: s-maj=17.6km s-min=12.3km az=77.0

NEIC 11 15:56:28.9, 2.1, 0.11S, 108.123E, 0.07, h111km, 6km, mb4.5/2.1, Error ellipse: s-maj=11.1km s-min=10.2km az=182.0

DJA 11 15:56:29.6, 0.3, 0.0S, 4.12E, h89km, 8km, M4.5/18, mb4.7/8, mb4.9/6, MLV4.6/18, Mw(M)4.2/6

ISC 11 15:56:29.5, 0.7, 0.06S, 105.123E, 0.06, h122km, 7km, n74, c151/83, mb4.3/29, Minahasa Peninsula, Sulawesi

Main table for station data on the right side, including entries for KMSI Cibinong, LUWI Luwuk, MRSI Marisa, etc.

IDC 11 15:42:04.0, 2.9, 52.40N, 168.63W, h0km, mb3.9/18, mb1.4/0.19, mb1mx3.9/55, mbtmp3.9/19, ML3.1/1, MS3.3/1, Ms1.3/3.1, ms1mx2.5/42, Error ellipse: s-maj=25.8km s-min=15.4km az=168.0

11d 16h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

IDC 11 16:18:57.0.1.3.52.58N.168.88W,h0km,mb3.8/13, mb1.3,9/14,mb1mx3.7/62,mbmp3.8/14,ML2.8/1, Error ellipse: s-maj=17.4km s-min=16.0

NEIC 11 16:18:58.4.1.9.52.08N.0.03.168.49W.0.08,h30km,6km, Error ellipse: s-maj=7.8km s-min=1.9km az=64.0

ISC 11 16:18:58.2.0.8.52.13N.0.08.168.46W.0.06,h26km,n46, az=132/44,mb3.7/13, FoI Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

2015 FEB

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

UCR 11 16:22.16.6.1.3.13.12N.90.82W,h23km,gkm,ML3.8, mb4.0(NEIC)

NEIC 11 16:22.16.6.2.7.13.11N.1.0.1.90.97W.0.08,h46km,13km, mb2.0/4, Error ellipse: s-maj=19.0km s-min=9.4km az=199.0

SNET 11 16:22.16.5.1.2.13.13N.90.83W,h24km,gkm,ML3.9, IDC 11 16:22.20.5.5.8.14.11N.90.34W,h35km,47km,mb3.6/6, mb1.3/9,mb1mx3.6/47,mbmp3.8/9,ML3.5/3,MS3.4/2, Ms1.3/4.2,ms1mx2.7/38, Error ellipse: s-maj=73.9km s-min=26.8km az=31.0

GCG 11 16:22.25.3.0.3.13.82N.90.85W,h26km,g99km,MD4.1, ISC 11 16:22.14.6.1.3.13.11N.0.10.94W.0.05,h33km,n49, az=170/49,mb4.0/7, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

11d 18h

ANF 11 17:33:22.9,0.3,43.67N;105.31W,h0km,ML3.8/15,Error ellipse: s-maj=3.7km s-min=2.4km az=136.0
NEIC 11 17:33:23.3,1.2,43.64N;105.105:25W,0.06,h0km,2km,ML3.4/60,Error ellipse: s-maj=9.2km s-min=6.5km az=135.0

ISC 11 17:33:23.5,0.8,43.68N;105.31W,0.04,h0km,n87,c112/95,Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Op, P, S, ISC. Rows include stations like RSSD Black Hills, RSSD Casper, K22A Casper, PHWY Pilot Hill, RWWY Rawlins, etc.

2015 FEB

Table with columns: Pn, P, S, ISC. Rows include stations like PV04 Paradox Valley, PV12 Sauer Basin, MPU Maup Canyon, etc.

IDC 11 17:34:40.8,3.6,5.71S;145.68E,h83km,30km,mb3.6/3,mb1.3/76,mb1mx3.3/30,mbtmp3.9/6,MS4.2/1,M51.4/2/1,ms1mx2.5/32,Error ellipse: s-maj=66.3km s-min=18.7km az=54.0

ISC 11 17:34:39.0,3.5,5.55S;146.0E,0.4,h100km,n8,c078/8,mb3.8/3,Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Op, P, S, ISC. Rows include stations like PMG Port Moresby, PMG Port Moresby, JAY Jayapura, etc.

IDC 11 17:53:15.1,2.0,0.75N;127.09E,h0km,mb3.0/3,mb1.3/23,mb1mx3.1/38,mbtmp3.0/3,Error ellipse: s-maj=199.0km s-min=17.8km az=66.0,Halmaheira

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Op, P, S, ISC. Rows include stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

DJA 11 17:56:57.1,5.0,5.4;123E,10km,M2.4/6,MLv2.4/6,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Op, P, S, ISC. Rows include stations like GTOI Gorontalo, LUWI Luwuk, MRSI Marisa, etc.

IDC 11 18:39:26.3,2.7,59.67N;24.87E,h0km,mb1.3/6.3,mb1mx3.1/38,mbtmp3.5/3,ML2.2/3,Error ellipse: s-maj=32.8km s-min=10.3km az=154.0

HEL 11 18:39:28.5,0.1,59.82N;24.37E,h0km,ML1.9,Explosion ISC 11 18:39:26.6,0.8,59.79N;0.03:24.41E,10.03,h0km,n16,c078/28,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Op, P, S, ISC. Rows include stations like MEF Metsahovi, NUR Nurmijarvi, ARBE Arbavere, etc.

IDC 11 18:44:28.4,2.0,59.77N;24.61E,h0km,mb1.3/2.3,mb1mx2.9/38,mbtmp3.1/3,ML2.4/3,Error ellipse: s-maj=22.9km s-min=7.1km az=143.0

UPP 11 18:44:28.2,2.3,59.88N;24.54E,h0km,ML2.0,Suspected explosion HEL 11 18:44:29.3,0.1,59.82N;24.34E,h0km,ML2.2,ML2.0(UPP) Explosion

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Op, P, S, ISC. Rows include stations like MEF Metsahovi, NUR Nurmijarvi, ARBE Arbavere, etc.

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Table with columns: Pn, P, S, ISC. Rows include stations like PVF Pernaia, MTSE Matsula, Virojoki, etc.

SJA 11 18:57:17.4,0.6,23.04S;66.71W,h247km,4km,ML6.2,MW5.9

NEIC 11 18:57:18.5,23.12S;66.58W,h230km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.85; Mw=0.06; Ms=0.91; Mn=0.12; Mv=0.25; Mh=0.91; Fault plane solution: M1:3.0000x10^19 NP1:1.79000; 368.28000; -1.76.92000; NP2:149.67000; 825.19000; -1.119.59000; Principal axes: T 1.3192, Plg272.0000; Azm82.0000; N -0.0481, Plg12.0000; Azm177.0000; P -1.2711, Plg64.0000; Azm293.0000;

GUC 11 18:57:19.1,0.4,23.17S;66.86W,h239km,3km,MW6.6 BUI 11 18:57:19.2,0.0,22.78S;67.23W,h196km,mb6.5/60 MOS 11 18:57:21.0,0.9,22.74S;66.74W,h205km,mb6.2/5,MS5.8/5,Error ellipse: s-maj=8.7km s-min=5.3km az=96.9

VAO 11 18:57:21.0,0.4,23.01S;66.53W,h205km,4km,mb6.4 IDC 11 18:57:21.0,0.5,23.00S;66.53W,h203km,3km,mb5.7/44,mb1.6/8/2,mb1mx3.7/54,mbtmp2.5/2,MS5.8/9

NEIC 11 18:57:22.5,2.1,23.11S;0.06:69W,0.08,h223km,1km,mb6.3/65,Mwb6.7/69,Mw6.7,Md6.3(SJA),Mw6.7(GCMT),Mw6.6(GUC),Error ellipse: s-maj=11.6km s-min=10.1km az=267.0

NEIC 11 18:57:24.23:22S;66.60W,h200km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.94; Mw=0.05; Ms=0.99; Mn=0.09; Mv=0.03; Mh=1.01; Fault plane solution: M1:4.0000x10^19 NP1:1.730000; 522.00000; -1.99.00000; NP2:3.00000; 868.00000; -1.86.00000; Principal axes: T 1.4216, Plg23.0000; Azm90.0000; N -0.0407, Plg3.00000; Azm182.0000; P -1.3809, Plg67.0000; Azm280.0000;

GCMT 11 18:57:26.5,0.0,23.14S;66.80W,h223km,MW6.7/170, Moment Tensor Solution. s170.c451; s167.c775; Duration: 564 Moment tensor: Scale 10^19Nm; Mr=0.80; Mw=0.01; Ms=0.01; Mn=0.09; Mv=0.00; Mh=0.07; Best double couple: M1:3.4600x10^19 NP1:1.68.00000; 819.00000; -1.04.00000; NP2:3.00000; 872.00000; -1.85.00000; Principal axes: T 1.3480, Plg26.0000; Azm89.0000; N -0.0030, Plg3.0000; Azm181.0000; P -1.3450, Azm90.0000; N -0.0407, Plg3.00000; Azm182.0000; P -1.3809, Plg67.0000; Azm280.0000;

NEIC 11 18:57:27.23:19S;66.81W,h222km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.83; Mw=0.03; Ms=0.80; Mn=0.11; Mv=0.04; Mh=1.13; Fault plane solution: M1:4.0000x10^19 NP1:1.71.00000; 818.00000; -1.02.00000; NP2:3.4.00000; 872.00000; -1.86.00000; Principal axes: T 1.3776, Plg27.0000; Azm91.0000; N 0.0386, Plg4.0000; Azm183.0000; P -1.4162, Plg63.0000; Azm280.0000;

ISC 11 18:57:20.5,2.23.07S;66.66W,0.02,h204km,1km,h204km,ML2.0,n225,1.85E,198W,mb6.3/467,62C-107D, Fault plane solution: NP1:1.192.65334; 833.43315; -1.61.94136; NP2:3.408.06522; 860.90841; -1.107.25196; Principal axes: T Plg14.2587; Azm82.5828; N Plg15.0202; Azm34.68.6727; P Plg69.0514; Azm214.1739; Fault plane solution: NP1:1.019.495; 877.96752; -1.74.36387; NP2: 1.37.59473; 819.63789; -1.41.66213; Principal axes: T Plg31.2364; Azm88.0357; N Plg15.2841; Azm187.5757; P Plg54.4281; Azm300.0393; Jujuy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Op, P, S, ISC. Rows include stations like HJA Hamahuaca, YJA Yavi, AZAP Zapla, etc.

comp=Z,2um,0.8s					
PB15	IPOC Station P	2.59 266	iP	Pn	18 58 05.2 -0.6
PB15		18 58 39.9 -0.7	eS		
PB15	IPOC Station P	2.59 266	iP	Pn	18 58 04.6 -1.2
PB15	IPOC Station P	2.59 266	eS	Pn	18 58 05.3 -0.5
PB15		18 58 09.9 -0.7	IAML		
PB15		18 58 45.3			
comp=Z,293um,0.3s					
PB09	IPOC Station P	2.70 297	iP	Pn	18 58 07.4 +0.3
PB09		18 58 35.5 +0.8	eS		
PB09	IPOC Station P	2.70 297	iP	Pn	18 58 07.4 +0.3
PB09	IPOC Station P	2.70 297	eS	Pn	18 58 07.4 +0.3
PB09		18 58 42.7 -0.1	IAML		
PB09		18 58 50.3			
comp=Z,70um,0.6s					
PB06	IPOC Station P	2.71 277	iP	Pn	18 58 06.4 -0.7
PB06		18 58 14.1 -1.0	iS		
PB06	IPOC Station P	2.71 277	iP	Pn	18 58 06.3 -0.7
PB06	IPOC Station P	2.71 277	eS	Pn	18 58 06.6 -0.5
PB06		18 58 41.4 -1.4	IAML		
PB06		18 58 51.1			
comp=Z,67um,0.2s					
PB03	IPOC Station P	3.03 289	iP	Pn	18 58 10.0 -0.8
PB03		18 58 47.3 -2.3	iS		
PB03	IPOC Station P	3.03 289	eS	Pn	18 58 10.0 -0.8
PB03		18 58 46.5 -1.0	IAML		
PB03		18 58 52.1			
comp=Z,114um,0.3s					
FSA	Cafayete	3.10 169	eP	Pn	18 58 12.0 +0.5
FSA		18 58 53.9 +2.8	eS		
PB07	IPOC Station P	3.27 293	iP	Pn	18 58 13.0 -0.7
PB07		18 58 52.0 -2.6	iS		
PB07	IPOC Station P	3.27 293	iP	Pn	18 58 12.5 -1.2
PB07	IPOC Station P	3.27 293	eS	Pn	18 58 12.8 -0.8
PB07		18 58 53.8 -0.8	IAML		
PB07		18 58 59.3			
comp=Z,112um,0.5s					
PB05	IPOC Station P	3.27 273	iP	Pn	18 58 12.3 -1.4
PB05		18 58 52.5 -2.1	iS		
PB05	IPOC Station P	3.27 273	eS	Pn	18 58 12.6 -1.1
PB05		18 58 54.0 -0.6	IAML		
PB05		18 59 01.4			
comp=Z,51um,0.3s					
PB04	IPOC Station P	3.30 282	iP	Pn	18 58 13.0 -1.1
PB04		18 58 54.0 -1.3	eS		
PB04	IPOC Station P	3.30 282	iP	Pn	18 58 12.8 -1.2
PB04	IPOC Station P	3.30 282	eS	Pn	18 58 13.2 -0.9
PB04		18 59 02.7 -2.6	IAML		
PB04		18 59 08.0			
comp=Z,80um,0.5s					
PB01	IPOC Station P	3.30 307	iP	Pn	18 58 13.6 -0.4
PB01		18 58 54.9 -0.5	iS		
PB01	IPOC Station P	3.30 307	eS	Pn	18 58 13.4 -0.6
PB01		18 58 54.4 -0.9	IAML		
PB01		18 59 00.7			
comp=Z,59um,0.2s					
GO02	Mina Guanaco	3.39 231	iP	Pn	18 58 13.9 -1.4
GO02		18 58 55.8 -1.8	eS		
GO02	Mina Guanaco	3.39 231	iP	Pn	18 58 13.7 -1.6
PB02	IPOC Station P	3.46 299	iP	Pn	18 58 15.0 -0.9
PB02		18 58 58.3 -0.5	eS		
PB02	IPOC Station P	3.46 299	eS	Pn	18 58 15.2 -1.2
PB02		18 58 56.5 -2.0	IAML		
PB02		18 59 00.0 +1.2			
PB02		18 59 05.5			
comp=Z,148um,0.3s					
PB10	IPOC Station P	3.61 262	iP	Pn	18 58 16.2 -1.4
PB10		18 58 37.7 -2.1	iS		
PB10	IPOC Station P	3.61 262	iP	Pn	18 58 16.1 -1.4
PB10	IPOC Station P	3.61 262	eS	Pn	18 58 16.4 -1.2
PB10		18 59 00.0 -1.7	IAML		
PB10		18 59 07.1			
comp=Z,47um,0.8s					
PB08	IPOC Station P	3.72 321	iP	Pn	18 58 20.1 +0.7
PB08		18 59 05.8 +0.8	iS		
PB08	IPOC Station P	3.72 321	iP	Pn	18 58 19.8 +0.4
PB14	IPOC Station P	3.76 245	iP	Pn	18 58 17.9 -1.8
PB14	IPOC Station P	3.76 245	eS	Pn	18 58 17.7 -2.1
AHML	Horco Molle	3.89 162	iP	Pn	18 58 20.7 -0.3
AHML		18 59 05.8 +0.2	eS		
AHML	Horco Molle	3.89 162	eS	Pn	18 58 20.8 -0.3
AHML		18 59 08.8 +0.5	IAML		
AHML		18 59 11.5			
comp=Z,14um,2.4s					
PATCX	Punta Patache	3.94 304	iP	Pn	18 58 20.4 -1.3
PATCX		18 59 06.8 -2.4	iS		
HMBC	Humberstone	4.09 312	iP	Pn	18 58 22.0 -1.6
HMBC		18 59 10.3 -2.4	eS		
TA01	Diego Aracena	4.11 307	iP	Pn	18 58 22.2 -1.6
TA01		18 59 09.9 -3.0	iS		
TA01	Diego Aracena	4.11 307	eP	Pn	18 58 22.0 -1.8
TA02	Huaiquique	4.26 310	eP	Pn	18 58 23.5 -2.2
AC01	Mariquina	4.37 210	eP	Pn	18 58 26.1 -1.4
AC02	Mariquina	4.37 210	eS	Pn	18 58 26.1 -1.4
AC02	Pan de Azucar	4.72 229	eP	Pn	18 58 28.1 -3.3
PGSCX	Pisagua	4.72 316	eP	Pn	18 58 29.3 -2.3
MNMC	Minye Minye	4.78 324	eP	Pn	18 58 31.9 -0.7
MNMC		18 59 28.5 -0.2	eS		
MNMC	Minye Minye	4.78 324	eS	Pn	18 58 31.8 -0.7
PB16	IPOC Station P	5.41 330	eS	Pn	18 58 33.3 -0.5
GO03	Copiap	5.55 215	eP	Pn	18 58 38.3 -3.7
GO03	Copiap	5.55 215	eP	Pn	18 58 38.4 -3.6
AP01	Chacalluta	5.80 323	eP	Pn	18 58 42.9 -2.4
AP01	Chacalluta	5.80 323	eP	Pn	18 58 43.2 -2.4
VCA	Vinchina	5.82 194	eP	Pn	18 59 38.3 -1.4
VCA		18 59 59.9	IAML		
comp=Z,7um,1.5s					
ACL	CERRO LA CRUZ	6.34 182	eP	Pn	18 58 50.8 -1.6
ACL		18 59 49.9 -5.0	eS		
ACL		19 00 06.2	IAML		
comp=Z,10um,0.8s					
AC04	Llanos de Chal	6.48 217	Pn	Pn	18 58 49.4 -4.6
AC05	El Transito	6.60 209	Pn	Pn	18 58 51.9 -3.7
AGUA	GUANDACOL	6.60 194	eS	Pn	18 58 53.8 -1.8
AGUA		19 00 06.6 -4.4	IAML		
AGUA		19 00 18.1			
comp=Z,2um,1.1s					
LPAZ	La Paz	6.88 348	Pn	Pn	18 59 00.2 +0.4
LPAZ		19 00 21.5 +3.0	S		
LPAZ		19 02 10.7	LR		
LPAZ		19 36 17.9	LR		
comp=Z,77um,19.9s,baz=171,slow=42					
LPAZ					
comp=Z,0.2nm,0.3s,baz=333,slow=1.9,SNR=4.3					
LPAZ	La Paz	6.88 348	Pn	Pn	18 59 00.8 +0.9
LPAZ	La Paz	6.88 348	eP	Pn	18 59 00.8 +0.9
LPAZ	La Paz	6.88 348	eP	Pn	18 59 01.1 +1.2
LPAZ	La Paz	6.88 348	eS	Pn	18 58 55.7 -4.5
LCO	Las Campanas	6.95 211	Pn	Pn	18 58 55.7 -4.5
LCO	Las Campanas	6.95 211	Pn	Pn	18 58 55.7 -4.5
APLL	PUNTA DE LOS L	7.30 179	eP	Pn	18 59 02.2 -2.5
ACDV	Cuesta del Vie	7.41 197	eP	Pn	18 59 05.1 -1.0
ACDV		18 59 25.8 -4.4	eS		
AROD	Rodeo	7.51 199	eS	Pn	18 59 02.0 -1.6
AROD		18 59 02.9 -3.2	eS		
CO01	Juntas del Tor	7.54 203	Pn	Pn	18 59 05.5 -2.5
ACCO	Cerro Coronel	7.79 195	eP	Pn	18 59 09.4 -1.9
ACCO		18 59 35.3 -4.2	eS		
CO04	Tololo Observa	7.99 207	Pn	Pn	18 59 09.1 -4.6
CO04	El Pedregal	8.53 204	Pn	Pn	18 59 16.4 -4.3
ZON	Zonda	8.63 192	Pn	Pn	18 59 19.2 -2.8
ZON	Zonda	8.63 192	Pn	Pn	18 59 19.1 -2.8
SIV	San Ignacio	8.79 38	Pn	Pn	18 59 23.0 -1.2
CO02	Combarbal	8.98 205	Pn	Pn	18 59 21.5 -5.0
CPUP	Villa Florida	9.09 113	Pn	Pn	18 59 26.4 -1.5
CPUP		19 36 08.2	P3KPbc		
comp=Z,164,slow=4.2,SNR=4.2					
CPUP	Villa Florida	9.09 113	Pn	Pn	18 59 26.1 -1.7
CPUP	Villa Florida	9.09 113	eP	Pn	18 59 26.6 -1.3
VA03	San Esteban	10.25 199	Pn	Pn	18 59 39.3 -3.7
PEL	Peidehue	10.65 199	Pn	Pn	18 59 43.8 -4.2
PEL	Peidehue	10.65 199	Pn	Pn	18 59 43.8 -4.2
MT02	Curacao	10.89 200	Pn	Pn	18 59 46.6 -5.0
MT05	Renca	10.90 198	Pn	Pn	18 59 47.3 -3.9
ITQB	Itaqui	11.14 128	eP	Pn	18 59 53.4 -0.9
VILB	Vilhena	11.78 32	eP	Pn	19 00 02.5 -0.1

BO02	Sierra Bellavi	12.23 196	P	Pn	19 00 05.5 -2.6
PP1B	Ponte de Pedra	12.31 66	eP	Pn	19 00 08.1 -1.2
TRCB	Terra Rica	12.93 92	eP	Pn	19 00 16.0 -1.0
ETMB	Extrema	13.18 2	eP	Pn	19 00 19.1 -1.1
PTBG	Pitanga	13.46 100	eP	Pn	19 00 23.8 -0.1
ITAB	Itaborda	13.80 110	eP	Pn	19 00 28.1 0.4
LPA	La Plata	14.05 149	eP	Pn	19 00 22.5 -8.3
LPA		19 02 54.2 -13	S		
LPA		19 05 31.2 -4.1	PcP		
LPA		19 12 23.7 -3.2	ScS		
comp=Z,17um,1.6s					
PCMB	San Fabin de	14.13 195	P	Pn	19 00 30.3 -1.6
PCMB	Pambou	14.33 87	eP	Pn	19 00 30.3 -1.6
SAML	Samuel	14.43 14	Pn	Pn	19 00 34.7 -0.9
SAML	Samuel	14.43 14	Pn	Pn	19 00 34.7 -0.9
SAML	Samuel	14.43 14	eP	Pn	19 00 34.7 -0.9
SAML	Samuel	14.43 14	eP	Pn	19 00 34.8 -0.9
PLTB	Pedras Altas	14.46 137	Pn	Pn	19 00 34.2 -1.7
NNA	Nana	14.67 317	Pn	Pn	19 00 39.6 +1.1
comp=Z,30nm,0.3s,baz=166,slow=12,SNR=70					
NNA		19 03 24.6 +2.9	S		
comp=Z,70nm,0.3s,baz=214,slow=15,SNR=5.3					
NNA		19 00 39.0 +2.2	Pn		
BI02	Tigo	14.79 200	Pn	Pn	19 00 37.3 -2.6
VA04	Juan Fernandez	15.01 223	Pn	Pn	19 00 41.0 -1.6
ITRB	Iturama	15.55 81	eP	Pn	19 00 49.1 -0.2
ARAG	Araguainia, MT	15.80 65	eP	Pn	19 00 51.9 -0.1
CZSB	Cruzeiro do Su	16.26 338	eP	Pn	19 00 57.6 -0.1
LC01	Cunco	16.40 195	Pn	Pn	19 01 02.9 -1.4
LC01		19 01 02.9	Iamb	Iamb	
comp=Z,1um,1.0s					
BB19B	Bebedouro	16.93 87	eP	P	19 01 05.0 +0.5
SB	Sao Paulo	17.67 95	eP	P	19 01 12.2 -0.4
SPB	Sao Paulo	17.87 89	eP	P	19 01 12.5 0.0
PET01	Itanhaem-SP	17.80 98	eP	P	19 01 13.8 -0.2
PLCA	Paso Flores	17.92 190	P	P	19 01 15.8 +0.6
comp=Z,59nm,0.3s,baz=16,slow=13,SNR=57.4					
PLCA		19 05 43.1 +2.0	PcP		
comp=Z,11nm,0.3s,baz=226,slow=1.0,SNR=6.3					
PLCA		19 08 57.5 +0.4	ScP		
comp=Z,0.3nm,0.3s,baz=359,slow=3.9,SNR=3.6					
PLCA	Paso Flores	17.92 190	P	P	19 01 14.2 -0.9
PLCA		19 01 17.0	Iamb	Iamb	
comp=Z,947nm,0.8s					
IPMB	Ipameri, GO	18.00 77	eP	P	19 01 17.3 +1.1
VAO	Vaiinhos	18.13 94	eP	P	19 01 17.5 -0.2
SNDB	Serra Nova Dou	18.36 56	eP	P	19 01 19.5 -0.2
BDFB	Brasilia	19.07 71	eP	P	19 01 28.0 +0.1
comp=Z,285nm,0.3s,baz=239,slow=12,SNR=780					
BDFB		19 09 00.8 +0.7	ScP		
comp=Z,342,slow=5.9,SNR=3.6					
BDFB	Brasilia	19.07 71	P	P	19 01 28.0 +0.1
BDFB	Brasilia	19.07 71	P	P	19 01 28.1 +0.3
NPGB	Núcleo Progresso	19.29 36	eP	P	19 01 28.2 -1.9
PARB	Parabuna	19.34 95	eP	P	19 01 30.1 -0.6
ATAH	Ataualpa	19.45 323	P	P	19 01 33.7 +1.4
comp=Z,15nm,0.3s,baz=149,slow=7.4,SNR=128					

HBAR	Harrisburg	62.58 338	P	Iamb	19 07 22.8	-0.1
HBAR	comp=Z,1um,1.7s				19 07 28.4	
SLBS	Sierra La Lagu	62.67 315	P	P	19 07 25.5	+1.6
LXNT	Lenox	62.68 339	P	P	19 07 22.9	+0.5
GNAR	Gosnell	62.73 339	P	P	19 07 23.8	-0.1
RS3A	Hurricane	62.74 347	P	P	19 07 23.7	-0.2
MIAR	comp=Z,690nm,1.0s				19 07 28.8	
MIAR	Mount Ida	62.74 335	P	P	19 07 23.8	-0.2
MIAR	Strasburg	baz=152,SNR=239	S	S	19 15 33.8	-2.7
MIAR	baz=152					
MIAR	Mount Ida	62.74 335	P	P	19 07 23.7	-0.2
MIAR	comp=Z,963nm,1.2s					
MIAR	Mount Ida	62.74 335	P	P	19 07 23.6	-0.3
MIAR	comp=Z,963nm,1.2s					
Q57A	Strasburg	62.75 350	P	P	19 07 24.7	+0.8
Q57A	baz=168,SNR=77					
Q57A	baz=168				19 15 36.2	-0.1
T47A	Sharon Grove	62.77 342	P	P	19 07 23.1	-1.0
GLAT	Glass	62.77 340	P	P	19 07 23.8	-0.3
W41B	Gary Mavity, V	62.80 337	P	P	19 07 24.1	-0.2
W41B	baz=154,SNR=134					
W41B	baz=154				19 15 34.4	-2.7
PEBM	Pemiscott Bayo	62.81 339	P	P	19 07 24.0	-0.4
P61A	Hammoncton	62.87 353	P	P	19 07 24.4	-0.3
P61A	baz=172					
P61A	Hammoncton	62.87 353	P	P	19 15 37.6	-0.2
P61A	baz=172					
P61A	Hammoncton	62.87 353	P	P	19 07 24.5	-0.2
P61A	baz=172				19 07 29.9	
SDMD	Soldier's Dell	62.87 351	P	P	19 07 25.1	+0.3
Q56A	Snyder Ridge	62.88 349	P	P	19 07 25.7	+0.8
Q56A	baz=167,SNR=132					
Q56A	baz=167				19 15 38.6	+0.6
Q56A	Snyder Ridge	62.88 349	P	P	19 07 25.5	+0.6
Q56A	comp=Z,684nm,0.9s				19 07 28.6	
WHAR	Woody Hollow	62.92 337	P	P	19 07 24.4	-0.7
WHAR	comp=Z,396nm,1.0s				19 07 29.7	
HICK	Hickman	63.00 340	P	P	19 07 25.2	-0.5
P59A	Jarrettsville	63.01 352	P	P	19 07 26.0	+0.3
P59A	baz=170,SNR=113					
P59A	baz=170				19 15 39.2	-0.3
P58A	Pank, Wackersv	63.02 351	P	P	19 07 25.8	+0.1
P58A	baz=169,SNR=45					
P58A	baz=169				19 15 39.8	+0.2
PVMO	Portageville	63.04 339	P	P	19 07 26.0	+0.1
PNEMO	Penman	63.05 339	P	P	19 07 25.9	0.0
TXAR	Lajitas Array	63.10 324	P	P	19 07 26.9	+0.3
TXAR	comp=Z,86nm,0.7s,baz=149,slow=8.6,SNR=153					
TXAR	comp=Z,1.5nm,0.9s,baz=241,slow=1.8,SNR=52				19 36 21.6	-1.2
TXAR	comp=Z,3.2nm,0.8s,baz=131,slow=2.5,SNR=27				19 07 26.4	-0.2
TXAR	Lajitas Array	63.10 324	P	P	19 07 26.9	+0.2
TX31	Lajitas Ar, Si	63.11 324	P	P	19 07 26.9	+0.2
TX32	Lajitas Array	63.11 324	P	P	19 07 26.9	+0.2
TX32	comp=Z,1um,1.9s				19 07 31.6	
P60A	Greenville	63.11 352	P	P	19 07 26.3	0.0
P60A	baz=171,SNR=33					
P60A	baz=171				19 15 39.6	-1.1
P60A	Greenville	63.11 352	P	P	19 07 25.9	-0.3
P57A	Homestead Farm	63.12 350	P	P	19 07 27.4	+1.0
P57A	baz=168,SNR=108					
P57A	baz=168				19 15 41.0	0.0
P57A	Homestead Farm	63.12 350	P	P	19 07 26.9	+0.5
P57A	comp=Z,617nm,0.9s				19 07 32.2	
Q54A	Coxs Mills	63.13 348	P	P	19 07 26.2	-0.3
Q54A	comp=Z,498nm,0.9s				19 07 29.4	
Q53A	Leroy	63.15 347	P	P	19 07 26.5	-0.1
Q53A	baz=165,SNR=166					
Q53A	baz=165				19 15 40.1	-1.2
PSUB	Penn St. - Bra	63.20 352	P	P	19 07 26.1	-0.8
LPIG	La Paz	63.20 315	P	P	19 07 27.4	+0.2
Z35A	Perchaven, San	63.21 331	P	P	19 07 27.4	+0.3
LCAR	Lake Charles	63.21 338	P	P	19 07 26.1	-1.0
LCAR	comp=Z,634nm,1.2s				19 07 31.5	
WUPA	West Chester U	63.22 352	P	P	19 07 27.1	+0.1
R50A	Paris	63.24 344	P	P	19 07 26.0	-1.1
R50A	comp=Z,602nm,1.4s				19 07 31.6	
HENM	Henderson Moun	63.24 340	P	P	19 07 27.2	0.0
T45A	Paducah	63.26 340	P	P	19 07 26.5	-0.8
O61A	Allentown	63.26 353	P	P	19 07 27.4	+0.1
O61A	baz=172,SNR=14					
O61A	baz=172				19 15 42.1	-0.4
P56A	Dayton Farm, R	63.28 349	P	P	19 07 28.2	+0.8
P56A	baz=168,SNR=56					
P56A	baz=168				19 15 43.0	+0.1
PARMO	Parma	63.28 339	P	P	19 07 27.4	0.0
MVL	Millersville	63.38 352	P	P	19 07 28.1	0.0
MVL	comp=Z,381nm,1.0s				19 07 32.9	
FCAR	Ozark Folk Cen	63.39 337	P	P	19 07 27.5	-0.7
FCAR	comp=Z,354nm,1.0s				19 07 30.5	
W39A	Magazine	63.40 335	P	P	19 07 28.8	+0.5
W39A	baz=152,SNR=299					
W39A	baz=152				19 15 43.1	-1.4
W39A	Magazine	63.40 335	P	P	19 07 28.2	-0.1
W39A	comp=Z,738nm,0.9s				19 07 31.7	
Q52A	Bidwell	63.41 346	P	P	19 07 27.8	-0.5
Q52A	comp=Z,553nm,0.9s				19 07 31.0	
R49A	Shelbyville	63.46 344	P	P	19 07 27.4	-1.2
X37A	Clayton	63.49 334	P	P	19 07 28.8	-0.2
O60A	Telford	63.58 353	P	P	19 07 29.6	+0.3
O60A	baz=171,SNR=36					
O60A	baz=171				19 15 46.5	0.0
O58A	Lewisberry	63.59 351	P	P	19 07 30.0	+0.6
O58A	baz=170,SNR=54					
O58A	baz=170				19 15 46.3	-0.4
MCWV	Mont Chateau	63.60 349	P	P	19 07 30.1	+0.5
MCWV	baz=166,SNR=41					
MCWV	baz=166				19 15 47.9	+1.0
MCWV	Mont Chateau	63.60 349	P	P	19 07 29.8	+0.3
MCWV	comp=Z,311nm,0.8s				19 07 33.0	
PBMO	Poplar Bluff	63.61 339	P	P	19 07 28.6	-1.0
PAGS	Pennsylvania G	63.66 351	P	P	19 07 29.6	-0.3
O59A	Robesonia	63.67 352	P	P	19 07 29.8	-0.1
O59A	baz=170					
O59A	baz=170				19 15 46.8	-0.9
WCI	Wyandotte Cave	63.70 343	P	P	19 07 28.7	-1.4
WCI	baz=160					
WCI	Wyandotte Cave	63.70 343	P	P	19 07 29.9	-1.1
WCI	baz=160					
WCI	Wyandotte Cave	63.70 343	P	P	19 07 29.1	-1.1
WCI	comp=Z,737nm,0.6s				19 07 30.3	-0.1
WCI	Wyandotte Cave	63.71 329	P	P	19 07 30.3	-0.1
WCI	baz=146,SNR=128					
ABTX	Abilene, Hawle	63.71 329	P	P	19 07 30.1	-0.3
ABTX	baz=146					
ABTX	Abilene, Hawle	63.71 329	P	P	19 07 30.1	-0.3
ABTX	comp=Z,746nm,1.1s				19 07 35.6	
Q51A	Peebles	63.71 346	P	P	19 07 29.6	-0.7

Q51A	comp=Z,386nm,1.0s					
P53A	Whipple	63.73 347	P	P	19 07 30.1	-0.3
O57A	Amberson	63.77 351	P	P	19 07 31.2	+0.5
O57A	baz=169,SNR=45					
O57A	baz=169				19 15 48.5	-0.5
USIN	University of	63.84 342	P	P	19 07 30.0	-1.1
USIN	comp=Z,482nm,0.9s				19 07 34.7	
BRNJ	Basking Ridge	63.84 353	P	P	19 07 31.6	+0.5
BRNJ	comp=Z,511nm,1.0s				19 07 36.6	
LUPA	Lehigh Unvers	63.85 353	P	P	19 07 31.7	+0.5
N61A	South Mountain	63.88 354	P	P	19 07 31.9	+0.6
N61A	baz=172					
N61A	baz=172				19 15 50.0	-0.3
CPNY	Central Park	63.89 354	P	P	19 07 31.2	-0.1
CPNY	comp=Z,461nm,1.2s				19 07 36.5	
N63A	Mattituck	63.96 355	P	P	19 07 32.6	+0.9
N63A	baz=174					
N63A	baz=174				19 15 51.2	+0.1
O56A	Blue Knob Stat	63.98 350	P	P	19 07 32.7	+0.7
O56A	baz=168,SNR=82					
O56A	baz=168				19 15 51.1	-0.5
O56A	Blue Knob Stat	63.98 350	P	P	19 07 32.1	+0.1
O56A	comp=Z,533nm,1.0s				19 07 35.6	
N62A	Caumsett State	63.98 354	P	P	19 07 32.2	+0.3
N62A	baz=173,SNR=11					
N62A	baz=173				19 15 50.4	-1.1
P52A	Corning	64.03 347	P	P	19 07 31.8	-0.5
P52A	comp=Z,461nm,1.2s				19 07 36.5	
P52A	baz=164,SNR=99					
P52A	baz=164				19 07 31.8	-0.5
P52A	Corning	64.03 347	P	P	19 07 34.9	
T42A	Van Buren	64.06 338	P	P	19 07 31.3	-1.3
S44A	Carbondale	64.06 340	P	P	19 07 31.2	-1.4
S44A	comp=Z,733nm,1.0s				19 07 36.7	
SIUC	Southern Illin	64.07 340	P	P	19 07 31.6	-1.0
SIUC	comp=Z,932nm,1.1s				19 07 36.8	
U40A	Yellville	64.07 337	P	P	19 07 32.2	-0.5
U40A	baz=153,SNR=212					
U40A	baz=153				19 15 49.8	-3.1
U40A	Yellville	64.07 337	P	P	19 07 32.0	-0.7
U40A	comp=Z,402nm,0.9s				19 07 35.3	
P51A	Williamsport	64.08 346	P	P	19 07 31.8	-0.9
P51A	comp=Z,441nm,1.0s				19 07 35.0	
N60A	Cedar Hill Far	64.09 353	P	P	19 07 32.7	0.0
N60A	baz=171,SNR=51					
N60A	baz=171				19 15 51.8	-1.0
PAL	Palisades	64.10 354	P	P	19 07 32.6	-0.1
PAL	baz=173,SNR=23					
PAL	baz=173				19 15 52.6	-0.2
PAL	Palisades	64.10 354	P	P	19 07 32.9	+0.2
PAL	comp=Z,406nm,1.1s					
PAL	Palisades	64.10 354	P	P	19 07 32.9	+0.2
PAL	comp=Z,406nm,1.1s					
WSPT	Westport, CT	64.21 354	P	P	19 07 33.9	+0.5
WSPT	comp=Z,531nm,1.0s				19 07 38.7	
O54A	Avella	64.21 348	P	P	19 07 33.4	-0.1
O54A	comp=Z,350nm,0.8s				19 07 36.4	
N59A	State Game Lan	64.22 352	P	P	19 07 33.7	+0.2
N59A	baz=171,SNR=31					
N59A	baz=171				19 15 54.1	-0.3
N59A	State Game Lan	64.22 352	P	P	19 07 33.5	0.0
N59A	comp=Z,785nm,1.6s				19 07 39.3	
SSPA	Standing Stone	64.23 351	P	P	19 07 33.2	-0.4
SSPA	baz=169					
SSPA	baz=169				19 15 54.2	-0.3
SSPA	Standing Stone	64.23 351	P	P	19 07 33.9	+0.3
SSPA	comp=Z,746nm,1.4s				19 07 39.1	
ODNJ	Ogdensburg	64.25 353	P	P	19 07 34.1	+0.5
ODNJ	comp=Z,788nm,1.5s				19 07 39.0	
N58A	Sunbury	64.26 352	P	P	19 07 34.1	+0.4
N58A	baz=170,SNR=92					
N58A	baz=170					

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like OK029 Liberty Lake, HRV Adam Dzewiowski, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like P40A Paris, HNH Hanover, J56A Wolcott, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like H58A, H60A Morristown, H60A Whiting, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CBKS, ANMO, F57A, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BGNE, SDCO, W18A, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like WUAZ, ESJX, GLA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BCYI, AVE, BOZ, AFDM, ZHG, BEKR, LRM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MAW, MAW, MAW, M04C, EVO, EVO, EVO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NEW, POLO, POLO, Wollman Farm, G05D, G05D, etc.

KBL	Kabul	139.82	63	PKPpre	19 16 16.9
MTN	Manton Dam	140.28	208	PKPpre	19 16 16.6
KURK	Kurchatov	141.44	36	PKIKP	19 16 28.6 -1.1
KURK	Kurchatov	141.44	36	PKPpre	19 16 20.7
KURK	Kurchatov	141.44	36	PKPpdf	19 16 18.0 -8.9
kurbs	Kurchatov Arra	141.44	36	SKPbc	19 19 45.9 -0.7
	comp=E,53nm,1.0s,baz=303,slow=3.2,SNR=7.0				
KURBB				PKP	19 25 46.4
	comp=E,1.4nm,0.8s,baz=98,slow=2.0,SNR=4.1				
KURBB				SKPbc	19 28 08.3 -1.5
	comp=E,11nm,1.2s,baz=118,slow=4.0,SNR=4.4				
EK52	Erkin-Say	141.89	50	P	19 16 24.8 -3.4
	SNR=39				
AML	Almayashu	141.99	50	P	19 16 25.4 -3.4
	SNR=38				
USP	Ospenavka	142.19	48	P	19 16 27.3 -1.2
	SNR=38				
SGDS	Sogindiy	142.22	48	ePKP	19 16 27.6 -1.0
	SNR=48				
SGDS	Sogindiy	142.22	48	ePKIKP	19 16 27.6 -1.0
AAK	Ala-Archa	142.40	49	PKP	19 16 26.8 -2.3
	comp=E,40nm,0.9s,baz=236,slow=3.8,SNR=4.6				
AAK				SKPbc	19 19 49.1 +0.1
	comp=E,124nm,1.0s,baz=164,slow=1.4,SNR=5.1				
AAK				SKPbc	19 28 06.7 +0.9
	comp=E,8.6nm,0.9s,baz=315,slow=2.3,SNR=5.3				
AAK	Ala-Archa	142.40	49	P	19 16 26.2 -2.9
	SNR=68				
AAK	Ala-Archa	142.40	49	iPKPpdf	19 16 26.2 -2.9
ZALV	Zalesovo Beam	142.43	28	PKP	19 16 26.2 -2.3
	comp=E,198nm,0.7s,baz=300,slow=4.1,SNR=131				
ZALV				SKPbc	19 19 47.5 -0.9
	comp=E,42nm,0.8s,baz=300,slow=3.3,SNR=3.6				
ZALV				SKPbc	19 28 05.0 -1.1
	comp=E,7.5nm,0.9s,baz=132,slow=2.1,SNR=4.1				
ZALV	Zalesovo Beam	142.43	28	PKP	19 16 25.3 -3.3
CHMS	Chumysk	142.46	49	P	19 16 26.5 -2.5
	SNR=38				
UCH	Uchtor	142.54	50	P	19 16 27.5 -2.2
	SNR=58				
KBK	Karagaybulak	142.71	49	P	19 16 27.5 -2.1
	SNR=65				
POO	Poona	142.89	69	iJP	19 16 27.0 -4.5
TKM2	Tokmak 2	143.07	48	PKP	19 16 29.2 -1.1
	SNR=36				
JAY	Jayapura	143.15	230	PKP	19 16 29.3 +0.2
	comp=E,171nm,0.7s,baz=187,slow=5.5,SNR=53				
JAY				SKPbc	19 19 51.7 -0.1
	comp=E,152nm,1.0s,baz=242,slow=4.2,SNR=7.4				
JAY	Jayapura	143.15	230	PKP	19 16 27.0 -0.1
JAY	Jayapura	143.15	230	PKP	19 16 29.0 +0.4
KUU	Kurty	143.22	47	ePKP	19 16 29.5 -0.8
	SNR=47				
KUU	Kurty	143.22	47	ePKIKP	19 16 29.5 -0.8
GENI	Genyem	143.47	229	PKP	19 16 30.7 -1.0
NKL	Nikolayevsk	143.49	332	ePKIKP	19 16 26.3
NKL				ePPP	19 19 46.1
NKL				MLR	19 23 00.5
	comp=E,4um,24.0s				
NKL				MLR	
	comp=N,251nm,21.0s				
MTBS	Matube	143.56	48	ePKP	19 16 30.1 -0.9
	SNR=48				
MTBS	Matube	143.56	48	ePKIKP	19 16 30.1 -0.9
CHBK	Chushkaly	143.67	46	ePKP	19 16 30.9 -0.3
	SNR=46				
CHKK	Chushkaly	143.67	46	ePKIKP	19 16 30.8 -0.3
ULHL	Ulhaloh	143.75	49	P	19 16 32.0 +0.4
	SNR=50				
AAA	Alma-Ata	143.86	47	ePKP	19 16 30.6 -1.0
	SNR=48				
AAA	Alma-Ata	143.86	47	ePKIKP	19 16 30.5 +0.6
TNS5	Tian-Shan	143.95	48	ePKP	19 16 31.3 -0.9
	SNR=48				
TNS5	Tian-Shan	143.95	48	ePKIKP	19 16 31.2 -0.9
MDK	Medeo	143.97	47	ePKP	19 16 31.3 -0.6
	SNR=48				
MDK	Medeo	143.97	47	ePKIKP	19 16 31.2 -0.6
TDK	Taldyqorghan	144.12	44	ePKP	19 16 31.3 -0.6
	SNR=44				
TDK	Taldyqorghan	144.12	44	ePKIKP	19 16 31.3 -0.6
TYV	Tymovskoe	144.12	328	ePKIKP	19 16 30.7 -0.9
	SNR=38				
KUR	Kuril'sk	144.27	317	iPKIKP	19 16 34.9 -0.8
KUR				ePPP	19 19 55.1
KUR				PPP	19 23 13.0
KUR				eSS	19 32 25.2
KUR				SS	19 38 18.0 -0.1
KUR	Kashi	144.40	54	PKP	19 16 31.6 -0.1
	SNR=54				
KSH				pPKP	19 17 20.6 -6.3
KSH				PP	19 16 16.6 +0.3
KSH				PKS	19 20 05.6 -2.9
KSH				SKKS	19 26 19.0
KSH				SS	19 38 17.3 -3.3
	comp=E,10.0nm,1.2s				
KSH				AMB	
	comp=N,10.0nm,1.4s				
KSH				LR	
	comp=N,130nm,0.7s				
KSH				LR	
	comp=N,180nm,0.7s				
KSH				LR	
	comp=N,200nm,0.7s				
KSH				LR	
	comp=N,280nm,0.7s				
KSH				LR	
	comp=N,260nm,1.1s				
BKSI	Bulukumba	151.02	194	PKP	19 16 45.0 +0.9
CIT	Chita	151.09	360	ePKIKP	19 16 25.7 +2.5
CIT				e	19 16 57.1
CIT				e	19 20 29.2
CIT				e	19 39 33.2
	comp=N,692nm,0.8s				
KL5I	Maura Dua	151.16	162	PKP	19 16 44.2 -0.2
MSDI	Kappang	151.19	191	PKP	19 16 43.5 -0.9
KAPI	Kappang	151.40	193	PKP	19 16 45.0 +0.3
	comp=N,42nm,0.5s,baz=109,slow=2.1,SNR=12				
KAPI	Kappang	151.40	193	PKP	19 16 52.0 +0.6
	comp=N,274nm,0.4s,baz=190,slow=1.4,SNR=54				
KAPI	Kappang	151.40	193	PKP	19 16 51.8 +0.4
KSI	Kapahiang	151.45	157	PKP	19 16 45.4 +0.5
LHSI	Lahat	151.61	159	PKP	19 16 46.2 +1.2
ZAK	Zakamensk	151.62	14	ePKIKP	19 16 44.9 +0.8
	comp=N,130nm,0.8s				
BNSI	Bone	151.91	194	PKP	19 16 47.2 +1.7
SANI	Sanana	152.16	208	PKP	19 16 46.5 +0.6
SPSI	Sidrap Palu	152.41	194	PKP	19 16 47.7 +1.5
PMIA	Palemang	152.85	161	PKP	19 16 47.6 +0.7
DANN	Dangsing	152.87	73	ePKP	19 16 47.4 +0.5
	comp=N,776nm,1.0s				
PDSI	Padang	153.07	151	PKP	19 16 48.1 +0.8
ITSI	Tanjoera	153.29	195	PKP	19 16 48.1 +0.8
JYI	Yasato	153.33	306	PKPpdf	19 16 46.7 -0.2
HIA	Hailar	153.37	351	PKIKP	19 16 46.6 0.0
HIA	Hailar	153.37	351	PKP	19 16 46.6 0.0
GSI	Gungungitoli	153.50	143	PKPpdf	19 16 48.1 +0.2
GSI	Gungungitoli	153.50	143	PKP	19 16 48.0 +1.2
GBKI	Banjar Baru	153.59	183	PKP	19 16 53.7 -2.1
GBKI	Chichijima	153.59	285	PKPpdf	19 16 47.6 +0.1
	comp=N,119nm,0.7s,baz=276,slow=4.3,SNR=10				
JCJ	Jakarta	153.59	214	PKP	19 16 55.8 +0.2
	comp=N,138nm,0.5s,baz=258,slow=20,SNR=7.6				
KBJ	Kotabaru	153.65	186	PKP	19 16 47.7 +0.2
GKN	Gorkha	153.67	73	ePKP	19 16 47.7 -0.2
	comp=N,408nm,0.8s				
JMBI	Jambi	153.69	158	PKP	19 16 48.2 +0.1
TPI	Tanjungpandan	153.74	187	PKP	19 16 40.7 +2.5
USRK	Ussuriysk Arr.	153.93	328	PKP	19 16 48.3 +0.8
	comp=N,16nm,0.6s,baz=210,slow=0.4,SNR=27				
USRK				PKPbc	19 16 57.0 +1.3
	comp=N,75nm,0.6s,baz=294,slow=1.1,SNR=49				
USRK				PKP	19 17 11.1 +1.4
	comp=N,80nm,0.7s,baz=350,slow=3.8,SNR=8.0				
USRK	Ussuriysk Arr.	153.93	328	PKPpdf	19 16 47.1 -0.4
PPBI	Pangkal Pinang	153.96	163	PKP	19 16 49.2 +0.7
JSD	Sado	153.97	311	PKP	19 16 46.9 -0.8
TNTI	Ternate	153.98	214	PKP	19 16 48.9 +0.3
TNTI	Ternate	153.98	214	PKP	19 16 49.5 +1.0

HYB	Hyb	ePPP	PP	19 20 00.0 -6.2	
GRNR	Gornyy	147.03	333	iPKIKP	19 26 32.0
GRNR			pmx	19 16 39.9 -1.1	
	comp=N,10.0nm,0.7s				
GRNR			pmx		
	comp=E,20nm,0.7s				
GRNR			PKP		
	comp=N,120nm,1.2s				
GRNR			MLR		
	comp=E,340nm,1.0s				
BHPL	Bhopal	147.03	82	ePKP	19 16 36.6 -0.9
MDRS	Chennai	147.08	102	ePKP	19 16 39.1 -1.0
	SNR=102				
MDRS	New Delhi	147.11	73	ePKP	19 17 34.2 +2.3
	SNR=102				
NDI			eS	19 16 37.0 -0.4	
BAKI	Biak	147.25	226	PKP	19 26 35.5 -4.9
MMRI	Maumere	147.31	196	PKPpdf	19 16 41.1 +0.4
MMRI	Maumere	147.31	196	PKP	19 16 37.8 -0.4
EDFI	Ende, Flores	147.34	195	PKP	19 16 38.7 +0.5
DDI	Dehra Dun	147.75	69	ePKP	19 16 38.9 +0.5
	SNR=69				
PLAI	Plampang	148.01	188	PKP	19 16 35.9 +3.0
JKA	Kamikawa-asahi	148.10	318	PKPpdf	19 16 40.5 +1.1
ASAJ	Asahikawa	148.10	318	PKP	19 16 39.3 +0.7
BNDI	Bandaraina	148.16	213	PKP	19 16 41.9 -1.2
SBEI	Siboga, Sumb	148.20	187	PKP	19 16 39.7 0.0
FAKI	Fak Fak	148.26	218	PKPpdf	19 16 38.2 -1.6
FAKI	Fak Fak	148.26	218	PKP	19 16 41.5 -1.9
DNP	Denpasar	148.40	184	PKP	19 16 43.0 -0.7
JAGI	Jajag, Banyuw	148.65	182	PKP	19 16 39.3 -1.1
JAGI	Jajag, Banyuw	148.65	182	PKP	19 16 41.3 +0.9
GUMO	Gumog	148.68	258	PKPpdf	19 16 41.7 +1.3
	comp=E,1um,0.8s,baz=170,slow=12,SNR=15				
GUMO			PKPbc	19 16 44.6 +0.2	
	comp=E,1um,0.8s,baz=180,slow=8.5,SNR=33				
ERM	Ermo	148.78	314	iPKIKP	19 16 44.8
	comp=N,626nm,0.8s				
ERM	Ermo	148.78	314	PKPbc	19 16 43.5 -0.4
ANAG	Anatahan	148.84	284	PKPbc	19 16 43.9 -0.8
SRII	Singaraia	148.99	184	PKP	19 16 40.9 0.0
WANG	Wanagana	149.09	275	PKP	19 16 42.4 +1.2
CISI	Cisomet, Garu	149.09	169	PKPpdf	19 16 40.7 -0.5
CISI	Cisomet, Garu	149.09	169	PKP	19 16 42.4 +1.2
ABJI	Asem Bagus	149.32	182	PKP	19 16 44.3 -1.7
JEW	Jenew	149.48	317	PKPpdf	19 16 41.1 +0.3
LEM	Leuang	149.77	169	PKPpdf	19 16 43.1 +0.7
	comp=N,269nm,0.9s,baz=123,slow=8.1,SNR=29				
LEM			PKPbc	19 16 47.5 -0.7	
	comp=N,2um,0.6s,baz=16,slow=3.6,SNR=79				
LEM	Leuang	149.77	169	PKP	19 16 43.4 +1.0
DBJ	Dramaga	149.87	187	PKP	19 16 43.8 +1.4
MOY	Mondy	149.90	15	ePKIKP	19 16 43.1 +1.7
MOY			pmx		
	comp=N,1um,1.9s				
SMRK	Samarang	149.94	174	PKP	19 16 43.3 +0.8
IRK	Irutusk	150.05	11	ePKIKP	19 16 43.1 +1.6
	comp=N,910nm,0.8s				
KMMI	Kalianget	150.06	181	PKP	19 16 45.0 -2.8
KLR	Kuludu	150.12	335	PP	19 20 23.4 +0.6
	comp=N,25nm,1.0s,baz=22,slow=6.1,SNR=5.2				
BSSI	Bau Bau, Agung	150.14	194	PKP	19 16 45.2 -2.8
KASI					

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like NUR, ARBE, ARBE, etc.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like BSCB, ESAR, PEXB, etc.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like COEN, TOO, TOO, etc.

IDC 11 19:26:22.1, 3.23:133:66:58W, h190km, 13km, mb3.6/5, mb1 3.6/11, mb1mx3.9/37, mbtmp4.1/11, Error ellipse: s-maj=22.7km s-min=17.4km az=163.0

VAO 11 19:26:23.4, 0.5, 23:175:67:12W, h256km, 5km, mb4.0 GUC 11 19:26:24.3, 0.4, 23:055:67:14W, h249km, 9km, ML4.2

ISC 11 19:26:23.0, 0.7, 23:055:67:14W, h249km, 9km, ML4.2, h230km, 11km, n66, az=193.77, mb3.9/5, 1C, Jujuy Province

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

NOU 11 19:37:38.8, 19:23S:169:08E, h122km, MLV4.5, Vanuatu Islands

NEIC 11 19:37:40.2, 1.6, 19:13S:0:08:168:8E:0:2, h135km, 13km, mb4.4/19, Error ellipse: s-maj=22.4km s-min=11.3km

IDC 11 19:37:45.0, 12.0, 18:96S:166:39E, h0km, mb4.2/3, mb1 4.4/4, mb1mx3.9/38, mbtmp4.3/4, ML4.3/1, MS4.5/2, Ms1 4.5/2, ms1mx4.1/31, Error ellipse: s-maj=206.7km s-min=32.8km az=60.0

ISC 11 19:37:40.5, 1.1, 19:20S:0:05:168:8E:0:1, h147km, n53, az=167/55, mb4.4/13, Vanuatu Islands

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

BJI 11 19:49:13.7, 0.0, 3:02S:139:52E, h10km, mb4.6/22

IDC 11 19:49:18.1, 0.6, 2:53S:139:10E, h0km, mb4.4/12, mb1 4.5/13, mb1mx3.9/39, mbtmp4.4/13, ML5.1/2, Error ellipse: s-maj=16.5km s-min=11.2km az=12.0

DJA 11 19:49:20.9, 0.2, 2:54:13:9E, h10km, M4.9/24, mb4.8/24, mb5.5/4, MLV4.9/8, Mw(mb)4.9/4, MwMwp6.4/1, Mwp6.3/1

NEIC 11 19:49:24.3, 1.5, 2:68S:0:08:138:95E:0:07, h45km, 8km, mb4.7/21, Error ellipse: s-maj=12.5km s-min=10.4km az=160.0

ISC 11 19:49:23.9, 0.4, 2:65S:0:05:139:04E:0:05, h37km, n103, az=178/107, mb4.6/34, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like GENI, WAMI, JAY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BEYR Belyy Ugol, LGD Lagodekhi, SENK Senkaya-Erzurum, etc.

JMA 11 20:49:06.1±0.2, 35.66N; 140.76E, h49km±2km, M3.3 Broadband fault plane solution: P waves. NP1: ...

JMA 11 20:49:06.8±0.3, 35.74N; 140.77E, h39km±26km, mb3.3/6, mb1 3.4/9, mb1mx3.2/57, mbtmp3.6/9, ML3.2/3 Error ellipse: s-maj=47.2km s-min=17.7km az=73.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHOJ Choshi, JSMT Sammumatsuo, JIHU Itakohinouch, etc.

IDC 11 21:10:53.6±5.5, 34.32N; 83.28E, h33km±42km, mb3.6/15, mb1 3.8/19, mb1mx3.6/63, mbtmp3.8/19, ML3.0/3, MS3.8/1, Ms1 3.8/1, ms1mx3.2/44, Error ellipse: s-maj=25.7km s-min=14.4km az=42.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DANN Dangsing, SMLR Simla, DHRAMSHALA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

SOME 11 21:11:10.4, 45.10N; 81.88E, h5km NNC 11 21:11:11.1±0.8, 45.14N; 81.90E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=6.9km s-min=4.6km az=130.0

ISC 11 21:11:08.9±1.0, 45.23N; 0.05; 82.11E, h10km, n46, ±190/65, 6C-1D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DJR Jarkent, KAPs Kapalarasan, KAPs Kapalarasan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KTBS Karatobe, MDOK Medeo, MDOK Medeo, etc.

IDC 11 21:18:39.4±1.9, 23.13S; 66.58W, h203km±19km, mb3.1/2, mb1 3.3/5, mb1mx3.2/31, mbtmp3.7/5, Error ellipse: s-maj=32.6km s-min=22.4km az=133.0, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, etc.

IDC 11 21:19:39.6±2.4, 6.91S; 129.14E, h0km, mb3.4/1, mb1 3.4/3, mb1mx3.2/37, mbtmp3.2/3, ML3.4/2, Error ellipse: s-maj=145.3km s-min=33.7km az=67.0, Banda Sea

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

JMA 11 21:29:11.8±0.8, 46.164N; 153.35E, h30km, M4.9, IDC 11 21:29:13.4±0.6, 46.85N; 152.89E, h30km±4km, mb4.2/28, mb1 4.3/24, mb1mx4.3/45, mbtmp4.3/34, ML3.2/5, MS3.7/3, Ms1 3.7/3, ms1mx3.2/46, Error ellipse: s-maj=13.4km s-min=10.2km az=148.0

MOS 11 21:29:15.1±1.0, 46.81N; 152.87E, h63km, mb4.8/9, Error ellipse: s-maj=6.7km s-min=5.2km az=95.0

SKHL 11 21:29:15.4±0.4, 46.70N; 153.10E, h68km±3km, mb5.0/14, BUJ 11 21:29:15.2±0.0, 46.88N; 152.81E, h61km, mb5.0/33, mb4.6/54, Ms4.3/8, Ms7.4/1/8

NEIC 11 21:29:17.6±1.1, 46.89N; 0.08; 152.8E; 0.1, h65km±5km, mb4.7/88, Error ellipse: s-maj=14.9km s-min=9.5km az=127.0

ISC 11 21:29:14.5±0.5, 46.69N; 0.04; 153.01E; 0.105, h46km±4km, h47±mp-P, n425, ±1855/482, mb4.6/127, MS4.3/4, 19C-17D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

11d 21h

Table with columns for station code, name, time, and various status indicators. Includes stations like PAU, YUK, GRPR, NEM2, etc.

2015 FEB

Table with columns for station code, name, time, and various status indicators. Includes stations like TEY, JRG, GRNR, JIO, MA2, etc.

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Table with columns for station code, name, time, and various status indicators. Includes stations like TTA, WHN, COLA, POKR, etc.

couple: M:6.66300x1017 NP1:223.00000, 845.00000, 1.175.00000... NP2:316.00000, 886.00000, 1.45.00000... Principal axes: T 7.9110, Plg33.0000, Azm190.0000; N -2.5030, Plg45.0000, Azm320.0000; P -5.4140, Plg27.0000, Azm81.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 11 21:29:28.65:49S:179.81W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:0.13; Mw:4.86; Mv:5.00; Mw-5.09; Mw-1.01; Mw:2.40; Fault plane solution: Mw:55000x1017 NP1:224.00000, 845.00000, 1.174.00000; NP2:318.00000, 886.00000, 1.45.00000; Principal axes: T 8.4569, Plg33.0000, Azm191.0000; N -2.3932, Plg45.0000, Azm322.0000; P -6.0636, Plg27.0000, Azm82.0000.

ISC 11 21:29:24.8-0.3, 65.61S-0.05:179.51W:0.07, h10km, n441, s131/201, m5.6/44, MS5.6/246, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SBA Scott Base, VANDA Vanda, WNDV Wether Hill, etc.

Table with columns: RKT, Rikitea, Time, S, E, S. Includes stations like RKT Rikitea, ASAR Alice Springs, PPT2 Papeete, etc.

Table with columns: KAPI, Kappang, Time, IAMS_20, IAMS_20, IAMS_20. Includes stations like KAPI Kappang, AC01 Pan de Azucar, UG02 Wanaqama, etc.

121A	Cookes Peak, D	112.14	60	IAMS_20	IAMS_20	22 34 11.1					
MNTX	Cornudas Mount	112.26	62	IAMS_20	IAMS_20	22 25 35.4					
MCCR	Marconi Center	112.30	45	IAMS_20	IAMS_20	22 23 31.1					
GRGR	Grenville	112.32	111	IAMS_20	IAMS_20	22 30 53.4					
W13A	Hualapai Mount	112.34	54	IAMS_20	IAMS_20	22 24 25.5					
CD2	Chendgu	112.52	295	PKP	PKIKP	21 48 03.6 +3.2					
X16A	Lo Mia Camp, P	112.56	56	IAMS_20	IAMS_20	22 28 16.1					
SHPR	Sheep Range	113.20	52	IAMS_20	IAMS_20	22 24 06.2					
JKA	Kamikawa-asahi	113.27	331	IAMS_20	IAMS_20	22 22 06.2					
KCPM	Cahto Peak	113.52	44	IAMS_20	IAMS_20	22 29 39.5					
WUAZ	Wupatki	113.58	56	IAMS_20	IAMS_20	22 29 56.1					
AFDM	Forest Hills D	113.61	47	IAMS_20	IAMS_20	22 21 05.9					
WAKR	Walker	113.67	48	IAMS_20	IAMS_20	22 28 58.5					
LHV	Little Huntton	113.73	49	IAMS_20	IAMS_20	22 25 01.0					
Y22D	FRIS PASCALI	113.84	60	IAMS_20	IAMS_20	22 25 13.1					
RUBR	Rubicon Trail	113.95	47	IAMS_20	IAMS_20	22 25 40.0					
ORV	Oroville	114.01	46	IAMS_20	IAMS_20	22 24 15.5					
PRN	Pahroc Range	114.06	52	IAMS_20	IAMS_20	22 24 54.9					
RYN	Ryan	114.07	49	IAMS_20	IAMS_20	22 25 10.0					
PNTR	Pine Nut	114.16	48	IAMS_20	IAMS_20	22 25 38.4					
YERR	Yerlington	114.17	48	IAMS_20	IAMS_20	22 25 18.8					
VNCR	Virginia City	114.33	47	IAMS_20	IAMS_20	22 25 43.0					
435B	Jarrell	114.40	69	IAMS_20	IAMS_20	22 28 22.9					
BEKR	Bekoworth	114.64	47	IAMS_20	IAMS_20	22 31 39.1					
ANMO	Albuquerque	114.79	60	IAMS_20	IAMS_20	22 35 35.3					
PAHR	Pat Rah Range	114.79	47	IAMS_20	IAMS_20	22 31 15.2					
ABTZ	Abilene, Hawle	115.24	67	IAMS_20	IAMS_20	22 37 26.3					
MSTX	Muleshoe	115.26	63	IAMS_20	IAMS_20	22 30 26.8					
SOCY	Socotra	115.62	241	IAMS_20	IAMS_20	22 36 14.6					
YBH	Yreka Blue Hor	115.66	44	IAMS_20	IAMS_20	22 31 41.2					
HUMO	Hull Mountain	116.40	43	IAMS_20	IAMS_20	22 29 08.6					
BJI	Beijing	116.41	309	PKP	PKIKP	21 48 08.5 +1.0					
BJI	Beijing	116.41	309	SS	SS	21 49 17.7 +3.0					
BJI	Beijing	116.41	309	pmx	pmx	22 05 23.6 +4.6					
BJI	comp=N,370nm,21.7s			LR	LR						
BJI	comp=E,440nm,24.5s			LR	LR						
BJI	comp=Z,540nm,20.1s			LR	LR						
AMTX	Amarillo	116.48	64	IAMS_20	IAMS_20	22 30 42.2					
MOD	Modoc Plateau	116.53	46	IAMS_20	IAMS_20	22 26 40.0					
Z35A	Perchaven, San	116.79	68	IAMS_20	IAMS_20	22 29 50.2					
PV18	Skein Mesa, Pa	116.89	56	IAMS_20	IAMS_20	22 32 07.7					
PV03	Paradox Valley	116.91	56	IAMS_20	IAMS_20	22 31 01.5					
PV19	Morning Glory	116.92	56	IAMS_20	IAMS_20	22 32 10.5					
PV16	Nyswonger Mesa	116.94	56	IAMS_20	IAMS_20	22 31 14.5					
PV11	David Mesa, Pa	116.94	56	IAMS_20	IAMS_20	22 32 04.3					
PV14	Lion Creek, Pa	116.96	56	IAMS_20	IAMS_20	22 32 10.7					
ELK	Elko	117.03	50	IAMS_20	IAMS_20	22 28 46.5					
PV23	Carpenter Ridg	117.03	56	IAMS_20	IAMS_20	22 36 26.7					
K05A	Summer Lake	117.11	45	IAMS_20	IAMS_20	22 27 27.4					
PV15	Paradox Valley	117.12	57	IAMS_20	IAMS_20	22 30 34.9					
WMOK	Wichita Mounta	117.45	66	IAMS_20	IAMS_20	22 29 39.7					
WVOR	Wild Horse Val	117.51	47	IAMS_20	IAMS_20	22 33 41.1					
FURI	Furi	117.53	224	IAMS_20	IAMS_20	22 39 04.7					
Z38A	Htt. Pleasant	117.61	70	IAMS_20	IAMS_20	22 41 07.9					
COR	Corvallis	118.12	42	IAMS_20	IAMS_20	22 31 07.2					
OKCF	Oklahoma City	118.55	67	IAMS_20	IAMS_20	22 38 24.9					
X37A	Clayton	118.63	69	IAMS_20	IAMS_20	22 31 27.9					
HHC	Hu-ho-hao-te	118.65	306	ePKP	PKIKP	21 48 12.7 +0.7					
HHC	Hu-ho-hao-te	118.65	306	PP	PP	21 48 14.1 +1.4					
HHC	Hu-ho-hao-te	118.65	306	SS	SS	22 06 00.6 +1.2					
HHC	Hu-ho-hao-te	118.65	306	AMB	AMB						
HHC	comp=N,570nm,17.5s			LR	LR						
HHC	comp=E,410nm,18.4s			LR	LR						
HHC	comp=Z,690nm,20.1s			LR	LR						
OK025	Westminster Rd	118.74	67	IAMS_20	IAMS_20	22 31 18.0					
107A	Izee	118.75	45	IAMS_20	IAMS_20	22 32 05.0					
ATD	Arta Mesa, Pa	118.78	229	IAMS_20	IAMS_20	22 34 57.9					
U32A	Winter Ranch,	118.81	65	IAMS_20	IAMS_20	22 39 15.9					
OK029	Liberty Lake	118.89	67	IAMS_20	IAMS_20	22 31 02.8					
OK030	Cody Creek RV	119.26	67	IAMS_20	IAMS_20	22 31 31.7					
OK031	S. Brethren Rd	119.26	67	IAMS_20	IAMS_20	22 31 42.7					
MFID	Camas Ranch	119.26	48	IAMS_20	IAMS_20	22 28 51.5					
ISCO	Idaho Springs	119.42	58	IAMS_20	IAMS_20	22 32 03.3					
CCAR	Cane Creek	119.45	73	IAMS_20	IAMS_20	22 42 50.7					
BMO	Blue Mountains	120.11	47	IAMS_20	IAMS_20	22 35 37.9					
T35A	Sooner Cattle	120.23	67	IAMS_20	IAMS_20	22 32 13.4					
LON	Longmire	120.53	42	IAMS_20	IAMS_20	22 33 18.8					
U38A	Gravette	120.63	69	IAMS_20	IAMS_20	22 41 10.0					
CBKS	Cedar Bluff	120.68	63	IAMS_20	IAMS_20	22 33 33.3					
BW06	Boulder Array	120.71	54	IAMS_20	IAMS_20	22 30 47.8					
REDW	Red Top Meadow	120.81	52	IAMS_20	IAMS_20	22 33 36.5					
HAWA	Hanford	120.85	44	IAMS_20	IAMS_20	22 36 11.4					
LOHW	Long Hollow	121.11	52	IAMS_20	IAMS_20	22 33 45.5					
U40A	Yellville	121.16	70	IAMS_20	IAMS_20	22 35 33.9					
GTA	Gaotai	121.54	296	ePKP	PKIKP	21 48 28.2 +1.0					
GTA	Gaotai	121.54	296	ppPKP	ppPKP	21 48 39.6 +1.9					
GTA	Gaotai	121.54	296	PP	PP	21 49 56.2 +5.8					
G22A	Casper	121.63	56	IAMS_20	IAMS_20	22 34 57.3					

DLMT	Dillon	122.03	50	IAMS_20	IAMS_20	22 33 28.8					
MGMO	Mountain Grove	122.08	70	IAMS_20	IAMS_20	22 43 18.4					
KSUI	Kansas City U	122.11	66	IAMS_20	IAMS_20	22 31 30.0					
PENMO	Penman	122.51	73	IAMS_20	IAMS_20	22 42 38.8					
BOZO	Bozeman (W)	122.55	50	IAMS_20	IAMS_20	22 33 45.5					
PARM	Parma	122.64	73	IAMS_20	IAMS_20	22 41 48.4					
B08A	Colville Reser	122.69	43	IAMS_20	IAMS_20	22 34 12.0					
WVT	Waverly	122.95	75	IAMS_20	IAMS_20	22 44 21.4					
N33A	J Bar K, Exete	123.22	64	IAMS_20	IAMS_20	22 34 22.3					
CCM	Cather's Cave	123.26	71	IAMS_20	IAMS_20	22 34 52.7					
T45A	Paducah	123.39	73	IAMS_20	IAMS_20	22 44 11.1					
BGNE	Belgrade	123.54	63	IAMS_20	IAMS_20	22 32 41.9					
JTMT	Jette	123.63	47	IAMS_20	IAMS_20	22 37 20.1					
RSSD	Black Hills	123.79	57	IAMS_20	IAMS_20	22 44 39.4					
H02S1	DAWSON INLET	123.81	32	T	T	00 04 12.8					
H02N1	VAN INLET T-PH	123.84	32	T	T	00 04 13.7					
K31A	O'Neill	124.37	62	IAMS_20	IAMS_20	22 36 55.9					
L34A	Svendsen Farm,	124.68	64	IAMS_20	IAMS_20	22 33 31.2					
OLLI	Olney	125.09	73	IAMS_20	IAMS_20	22 45 01.1					
EGMT	Eagleton	125.30	51	IAMS_20	IAMS_20	22 38 38.2					
MA2	Magadi Ar. Sit	126.84	342	IAMS_20	IAMS_20	22 34 07.0					
MBO	M'Bour	127.49	159	IAMS_20	IAMS_20	22 44 04.2					
TOC4	Torodi Ar. Sit	127.57	181	IAMS_20	IAMS_20	22 40 05.5					
TOC3	Torodi Ar. Sit	127.58	182	IAMS_20	IAMS_20	22 40 05.7					
TOB3	Torodi Ar. Sit	127.58	181	IAMS_20	IAMS_20	22 40 05.8					
TOB4	Torodi Ar. Sit	127.58	181	IAMS_20	IAMS_20	22 40 05.8					
TOA3	Torodi Ar. Sit	127.59	181	IAMS_20	IAMS_20	22 40 05.8					
TOA0	Torodi Ar. Sit	127.59	181	PKPdf	PKPdf	21 48 29.5 -0.3					
TOA0	Torodi Ar. Sit	127.59	181	IAMS_20	IAMS_20	22 40 07.0					
TOA2	Torodi Ar. Sit	127.59	181	IAMS_20	IAMS_20	22 40 06.0					
TORD	Torodi Ar. Bea	127.59	181	PKP	PKPdf	21 48 28.4 -1.4					
TOB5	Torodi Ar. Sit	127.60	181	IAMS_20	IAMS_20	22 40 06.3					
TOC2	Torodi Ar. Sit	127.60	182	IAMS_20	IAMS_20	22 40 06.4					
TOB1	Torodi Ar. Sit	127.61	181	IAMS_20	IAMS_20	22 40 06.5					
TOC7	Torodi Ar. Sit	127.61	181	IAMS_20	IAMS_20	22 40 06.6					
TOC1	Torodi Ar. Sit	127.62	181	IAMS_20	IAMS_20	22 40 06.8					
HQIL	Hanson Quarry C	127.81	71	IAMS_20	IAMS_20	22 44 24.8					
F33A	5 Mile Ranch,	128.04	62	IAMS_20	IAMS_20	22 36 47.0					
RAYN	Ar Rayn	129.09	237	IAMS_20	IAMS_20	22 38 52.2					
KBL	Kabul	129.70	267	IAMS_20	IAMS_20	22 38 51.8					
G40A	Rib Lake	129.84	67	IAMS_20	IAMS_20	22 40 14.6					
WMQ	Urumqi	129.97	289	eP	PKIKP	21 48 35.6 +1.3					
WMQ	comp=Z,290nm,6.1s			LR	LR						
WMQ	comp=N,640nm,29.1s			LR	LR						
WMQ	comp=E,420nm,29.3s			LR	LR						
WMQ	comp=Z,350nm,20.3s			LR	LR						
AGNM	Agassiz Nation	130.28	60	IAMS_20	IAMS_20	22 35 25.2					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KARG, OSCI, KEBE, BCK, KKBE, etc.

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

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

az=59.0
 IDC 12 01:01:51.3, 3.9, 2.26S, 100.82E, h97km, 33km, mb3.9/12,
 mb1.4/0.13, mb1mx3.6/39, mbtmp4.2/13, MS3.2/1,
 Ms1.3/1.1, ms1mx2.6/27, Error ellipse: s-maj=54.8km
 s-min=13.0km az=53.0
 ISC 12 01:01:47.5, 0.6, 2.32S, 0.07, 100.68E, 0.09, h69km, n74,
 @120/72, mb4.4/29, Southern Sumatera

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
KRJI	Kerinci	0.81 74	Op	Pn	01 02 02 +1.6
PDSI	Padang	1.41 351	P	Pn	01 02 10.5 -0.8
SDSI	Sungai Dareh	1.57 29	P	Pn	01 02 13.0 -0.3
BKNI	Bangkinang	2.65 8	P	Pn	01 02 27.4 -0.5
BKNI	Bangkinang	2.65 8	Sn	Pn	01 02 57.6 -1.4
BKNI	Bangkinang	2.65 8	P	Pn	01 02 28.3 +0.3
MNAI	Manna	3.05 132	P	Pn	01 02 33.1 -0.3
MNAI	Manna	3.05 132	Sn	Pn	01 03 09.4 +0.7
MNAI	Manna	3.05 132	P	Pn	01 02 33.5 +0.1
LHSI	Lahat	3.21 118	P	Pn	01 02 37.6 +2.0
MNSI	Mandailing Nat	3.28 340	P	Pn	01 02 39.4 +2.8
MDSI	Maura Dua	4.10 122	P	Pn	01 02 51.5 +3.7
LWLI	Liwa	4.31 129	P	Pn	01 03 06.5 +1.6
GSI	Gunungsitoli	4.75 319	P	Pn	01 02 55.9 -0.8
GSI	Gunungsitoli	4.75 319	P	Pn	01 02 56.3 -0.3
MYKOM	Kota Tinggi	5.17 38	P	Pn	01 03 01.8 -0.6
RPSI	Rantau Prapat	5.28 341	P	Pn	01 03 03.0 -0.9
PSI	Prapat	5.38 341	P	Pn	01 03 07.8 +2.5
PPBI	Pangkal Pinang	5.46 88	P	Pn	01 03 06.8 +0.5
TPTI	Tanjung	6.55 328	P	Pn	01 03 21.0 -0.3
TNG	Tangerang	7.08 123	P	Pn	01 03 29.2 +0.8
TOLII	Tolitoi	20.39 81	P	P	01 06 17.4 -1.5
TOLII	Tolitoi	20.39 81	Iamb	Iamb	01 06 20.6
CMAR	Chiang Mai Arr	20.71 355	P	P	01 06 23.6 +1.2
CMAR	Chiang Mai Arr	20.71 355	P	P	01 06 21.4 -1.0
MBWA	Marble Bar	26.37 137	P	P	01 07 17.0 -0.4
FITZ	Fitzroy Cross	29.07 124	P	P	01 07 41.1 -0.5
ODAN	Odare	31.72 337	eP	P	01 08 07.3 +2.1
TAPN	Taplejung	32.03 338	eP	P	01 08 10.1 +2.1
RAMN	Ramite	32.11 336	eP	P	01 08 11.2 +2.5
PKI	Pulchoki	32.16 335	eP	P	01 08 19.3 +1.4
GUN	Gumba	32.26 336	eP	P	01 08 20.1 +1.3
KKN	Kakani	33.40 335	eP	P	01 08 21.5 +1.6
GKN	Gorkha	33.87 334	eP	P	01 08 25.6 +1.7
DANN	Dangsig	34.55 333	eP	P	01 08 31.8 +1.8
H01W3	Cape Leeuwin H	34.74 160	T	T	01 45 08.7
H01W2	Cape Leeuwin H	34.75 160	T	T	01 45 10.4
H01W1	Cape Leeuwin H	34.75 160	T	T	01 45 13.1
WB0	Warramunga Arr	37.22 120	P	Iamb	01 08 51.7 -0.9
WB0	Warramunga Arr	37.22 120	Iamb	Iamb	01 09 01.1
WRA	Warramunga Arr	37.25 121	P	P	01 08 52.6 -0.2
WRA	Warramunga Arr	37.25 121	P	P	01 08 52.2 -0.6
WB2	Warramunga Arr	37.26 121	P	Iamb	01 08 52.0 -0.9
WB2	Warramunga Arr	37.26 121	Iamb	Iamb	01 08 55.9
WC3	Warramunga Arr	37.28 121	P	Iamb	01 08 52.4 -0.7
WC3	Warramunga Arr	37.28 121	Iamb	Iamb	01 09 07.8
WR0	Warramunga Arr	37.43 120	P	Iamb	01 08 53.1 -1.3
WR0	Warramunga Arr	37.43 120	Iamb	Iamb	01 09 03.6
ASAR	Alice Springs	38.52 126	P	P	01 09 04.0 +0.5
ASAR	Alice Springs	38.52 126	P	P	01 09 02.8 -0.8
AS31	Alice Springs	38.52 126	P	P	01 09 02.9 -0.6
HHC	Hu-ho-hao-te	44.10 12	eP	P	01 09 50.2 +1.2
HHC	Hu-ho-hao-te	44.10 12	pmx	pmx	
HHC	Hu-ho-hao-te	44.10 12	pmx	pmx	
NIL	Nilore	44.14 327	P	P	01 09 48.3 -1.1
WN0	Urumqi	47.39 347	eP	P	01 10 17.7 +2.4
WN0	Urumqi	47.39 347	P	P	01 10 13.3 -1.0
KSH	Kashi	47.41 334	P	P	01 10 15.5 +0.3
KSH	Kashi	47.41 334	pP	pP	01 10 31.8 -0.7
KSH	Kashi	47.41 334	pP	pP	01 11 44.6 -0.3
KSH	Kashi	47.41 334	pmx	pmx	
KSH	Kashi	47.41 334	pmx	pmx	
STKA	Stephens Creek	48.43 132	P	P	01 10 23.8 +0.7
STKA	Stephens Creek	48.43 132	P	P	01 10 23.8 +0.7
STKA	Stephens Creek	48.43 132	P	P	01 10 22.7 -0.5
SOMM	Songino Array	50.20 5	P	P	01 10 37.1 +0.7
SOMM	Songino Array	50.20 5	P	P	01 10 35.8 -0.6
UOSS	Mazinif	50.25 305	P	P	01 10 41.1 -1.1
UOSS	Mazinif	50.25 305	Iamb	Iamb	01 10 43.8
MK31	Makanchi Array	51.52 344	P	P	01 10 45.5 -0.7
MKAR	Makanchi Array	51.52 344	P	P	01 10 47.1 +0.8
MKAR	Makanchi Array	51.52 344	P	P	01 10 45.5 -0.7
MAKZ	Makanchi	51.52 344	Iamb	Iamb	01 10 46.4 -0.6
MAKZ	Makanchi	51.52 344	Iamb	Iamb	01 10 48.9
KURK	Kurchatov	56.10 343	P	P	01 11 19.0 -0.6
KURK	Kurchatov	56.10 343	Iamb	Iamb	01 11 21.3
GEYT	Alibeck	56.12 320	P	P	01 11 21.4 +1.4
GEYT	Alibeck	56.12 320	P	P	01 11 19.2 -0.9
ZAAO	Zalesovo Array	57.61 349	P	P	01 11 29.8 -0.3
ZALV	Zalesovo Beam	57.61 349	P	P	01 11 30.5 +0.3
ZALV	Zalesovo Beam	57.61 349	P	P	01 11 29.9 -0.3
ABKAR	Akbular array	62.24 331	P	Iamb	01 12 01.4 -0.6
ABKAR	Akbular array	62.24 331	Iamb	Iamb	01 12 03.5
ABKAR	Akbular array	62.24 331	P	P	01 12 01.7 -0.4
KBZ	Khabaz	68.99 319	P	P	01 12 46.5 +0.9
NRIK	Norik'sk	72.07 355	P	P	01 13 03.7 -0.2
NRIK	Norik'sk	72.07 355	P	P	01 13 03.4 -0.5
FINES	FINES Array B	84.71 332	P	P	01 14 14.5 +0.8
ARCES	ARCES Array B	87.00 340	P	P	01 14 25.3 +0.4
ARCES	ARCES Array B	87.00 340	P	P	01 14 24.8 -0.1
TXAR	Lajitas Array	144.53 38	PKP	PKPpdf	01 21 17.1 +0.1
TXAR	Lajitas Array	144.53 38	PKP	PKPpdf	01 21 15.7 0.0

GCAM	G?zelcaml?	0.53 167	iP	Pg	01 46 19.3 +0.6
GCAM	G?zelcaml?	0.53 167	iS	Sg	01 46 23.7 -2.1
GCAM	G?zelcaml?	0.53 167	IAML		01 46 27.0
GCAM	comp=N,64nm,0.2s		IAML		01 46 28.0
AYDB	Zeytinkoy-Aydi	0.70 113	PG	Pg	01 46 22.7 +0.9
AYDB	Zeytinkoy-Aydi	0.70 113	SG	Pg	01 46 23.7 +1.8
ZEDA	zmir-Bergama	0.74 360	iP	Sg	01 46 24.4 +1.6
ZEDA	zmir-Bergama	0.74 360	iS	Pg	01 46 31.1 -1.4
ZEDA	zmir-Bergama	0.74 360	IAML		01 46 40.0
DDIM	Aydin, Didim	0.77 170	iP	Pg	01 46 24.2 +1.0
DDIM	Aydin, Didim	0.77 170	iS	Pg	01 46 31.2 -2.1
DDIM	Aydin, Didim	0.77 170	SG	Pg	01 46 25.2 +1.1
GOML	Golmarmara-Man	0.82 53	PG	Pg	01 46 25.2 +1.1
GOML	Golmarmara-Man	0.82 53	PG	Pg	01 46 25.2 +1.1
CHOS	Chios island	0.82 282	PG	Pg	01 46 24.9 +0.7
CHOS	Chios island	0.82 282	SG	Pg	01 46 36.8 +1.8
DKL	Dikili	0.86 351	PG	Pg	01 46 25.9 +1.0
AKHS	Akhisar	0.87 41	iS	Pg	01 46 34.1 -2.4
MLSD	Milass	1.05 49	PG	Pg	01 46 32.7 +0.7
BDRM	Bodrum	1.17 171	PN	Pg	01 46 31.2 +0.4
BDRM	Kayabasi	1.19 166	iP	Pg	01 46 30.9 -0.2
BDRM	Kayabasi	1.19 166	iS	Sg	01 46 41.8 -4.8
BDRM	Kayabasi	1.19 166	IAML		01 46 51.0
BDRM	comp=E,32nm,0.9s		IAML		01 47 03.0
MANT	Manisa	1.19 76	iP	Pg	01 46 32.3 +1.0
MANT	Manisa	1.19 76	iS	Pg	01 46 41.9 -4.9
MANT	Manisa	1.19 76	IAML		01 46 50.0
MANT	comp=N,26nm,0.3s		IAML		01 46 50.0
STEP	BALIKESIR_Sava	1.26 23	iP	Pg	01 46 32.9 +0.4
STEP	BALIKESIR_Sava	1.26 23	iS	Sg	01 46 43.7 -5.1
STEP	BALIKESIR_Sava	1.26 23	IAML		01 46 54.0
STEP	comp=E,42nm,0.4s		IAML		01 46 55.0
STEP	comp=N,31nm,0.6s		IAML		01 46 55.0
KULA	Kula	1.28 76	PN	Pg	01 46 33.8 +0.9
BUHA	Balikesir, Bur	1.28 360	iP	Sg	01 46 33.6 +0.8
BUHA	Balikesir, Bur	1.28 360	iS	Pg	01 46 45.2 -4.3
BUHA	Balikesir, Bur	1.28 360	IAML		01 46 53.0
BUHA	comp=N,35nm,0.6s		IAML		01 46 53.0
SIGR	SIGRI	1.38 316	PN	Pg	01 46 35.1 +0.3
DEMI	Demirci	1.52 57	iP	Sg	01 46 38.3 +2.7
DEMI	Demirci	1.52 57	iS	Pg	01 46 50.6 -6.7
DEMI	Demirci	1.52 57	IAML		01 47 04.0
USAK	Uak-Merkez	1.60 71	iP	PN	01 46 39.2 +2.6
USAK	Uak-Merkez	1.60 71	iS	PN	01 46 53.7 -3.6
EZN	Ezine	1.71 340	PN	PN	01 46 39.9 +1.9
SIMA	Sima-Kutahya	1.72 59	PN	PN	01 46 40.2 +1.9
TVSB	Tavsanli	2.23 86	PN	PN	01 46 47.8 +2.3

WEL 12 01:49:56.5, 1.3, 36S, 24.179E, 3.3, h160km, 22km,
 M3.6/14, ML3.7/14, MLV3.6/14, Error ellipse:
 s-maj=0.1km s-min=0.0km az=123.8, Off east coast of
 North Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WAZZ	Waioataitini S	2.18 200	Op	Pn	01 50 33.3 -1.0
HMZ	Te Kaha	2.34 212	P	Pn	01 50 33.8 -2.4
PKGZ	Pakihiroa	2.35 205	P	Pn	01 50 34.1 -2.2
PKGZ	Pakihiroa	2.35 205	S	Pn	01 51 08.1 +1.0
RUGZ	Raukumara Rang	2.57 211	S	Pn	01 50 37.0 -2.0
TWIGZ	Tauwharepara	2.64 204	P	Pn	01 50 41.1 +1.3
TWIGZ	Tauwharepara	2.64 204	S	Pn	01 51 15.8 +2.4
MWZ	Matawai	2.94 209	P	Pn	01 50 42.2 -1.4
MWZ	Matawai	2.94 209	S	Pn	01 51 19.8 -0.3
URZ	Urewera	3.06 215	P	Pn	01 50 42.5 -2.5
RAOZ	Raukumara	3.12 202	P	Pn	01 50 42.7 +1.4
MURZ	Murupara	3.39 216	P	Pn	01 50 50.5 +1.6
SNZG	Shannon Station	3.40 207	P	Pn	01 50 50.7 +1.3
RTZ	Ruatuhua	3.41 213	P	Pn	01 50 47.5 -1.9
RAHZ	Arangi	3.62 209	P	Pn	01 50 53.6 +1.5
MTHZ	Maugataniwha	3.67 212	S	Pn	01 50 54.1 +1.4
MTHZ	Maugataniwha	3.67 212	S	Pn	01 51 38.5 +0.5
BKZ	Black Stump Fm	4.08 213	P	Pn	01 50 58.8 +0.8
TMVZ	Te Maari	4.42 220	P	Pn	01 51 03.7 +1.2
KAHZ	Kahurangi	4.47 205	P	Pn	01 51 03.4 +0.3
NGZ	Ngaruhoe	4.52 220	P	Pn	01 51 05.2 +1.4
MRZ	Mangatoinaka R	5.71 210	P	Pn	01 51 19.8 +0.4
MRZ	Mangatoinaka R	5.71 210	S	Pn	01 52 21.1 -3.3

ARE 12 01:59:36.1, 2.9, 22S, 0.07, 79.3W, 0.1, h22km, 5km, ML5.0,
 mb4.6/46(NEIC), Error ellipse: s-maj=16.3km s-min=8.2km
 az=66.0
 NEIC 12 01:59:39.3, 1.0, 9.14S, 0.04, 79.2W, 0.1, h47km, 7km,
 Error ellipse: s-maj=17.2km s-min=1.7km az=71.0
 IDC 12 01:59:42.8, 2.0, 9.24S, 79.13W, h63km, 16km, mb4.0/12,
 mb1.4/2.17, mb1mx4.0/52, mbtmp4.3/17, MS3.9/11,
 Ms1.9/11, ms1mx3.6/29, Error ellipse: s-maj=23.1km
 s-min=9.3km az=73.0
 VAO 12 01:59:52.0, 0.9, 8.75S, 78.60W, h117km, mb4.7
 ISC 12 01:59:39.4, 0.9, 9.24S, 0.05, 79.32W, 0.07, h45km, n150,
 @189/141, mb4.5/30, MS4.1/8, 1D, Off coast of northern
 Peru

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ATAH	Atahualpa	2.28 24	Op	Pn	02 00 17.8 +2.8
ATAH	Atahualpa	2.28 24	Op	Pn	02 00 17.8 +2.8
ATAH	111nm, 0.3s, baz=188, slow=5.4, SNR=547		S	Pn	02 00 45.7 +3.7
ATAH	111nm, 0.3s, baz=46, slow=9.9, SNR=4.9		LR	LR	02 01 17.9
NNA	Nana	3.66 139	P	Pn	02 00 34.6 +1.0
NNA	45nm, 0.3s, baz=327, slow=13, SNR=54		S	Pn	02 01 16.0 +0.5
NNA	119nm, 0.3s, baz=236, slow=6.2, SNR=2		LR	LR	02 01 54.4
NNA	comp=Z,467nm,21.9s, baz=308, slow=37		LR	LR	02 01 54.4
NNA	Nana	3.66 139	PN	Pn	02 00 33.5 -0.1
NNA	Nana	3.66 139	PN	Pn	02 01 15.6 +0.1
CVSB	Cruzeiro do Su	6.71 78	eP	Pn	02 01 16.8 +1.2
OTAV	Otavallo	9.45 5	PN	PN	02 01 50.3 -3.2
OTAV	Otavallo	9.4			

SADO	comp=Z,20nm,1.1s	27.30 186	P	P	02 17 25.6 +1.8
SADO	comp=Z,15nm,1.1s,baz=12,slow=12,SNR=4.1		LR		02 28 54.6
SADO	comp=Z,114nm,18.7s,baz=15,slow=38	27.30 186	P	LR	02 17 53.3 +1.5
SADO		27.30 186	P	IAMB	02 17 30.0
H59A	comp=Z,19nm,1.1s	27.37 177	P	P	02 17 24.8 +0.4
LONEY	Cadyville	27.39 179	P	P	02 17 25.9 +1.3
LONEY	Lake Ozonia	27.39 179	P	P	02 17 26.2 +1.5
LONK	Chitina, Valde	27.47 284	P	P	02 17 24.7 -0.6
H53A	Bocbaygeon	27.48 185	P	P	02 17 26.8 +1.4
H66A	Whiting	27.49 168	P	P	02 17 26.8 +1.3
H57A	Richville	27.54 180	P	P	02 17 27.7 +1.7
H58A	Gabriels	27.59 178	P	P	02 17 28.0 +1.5
TRF	Thorofore Moun	27.74 291	P	P	02 17 28.3 +0.4
KTH	Kantishna Hill	27.85 292	P	P	02 17 29.1 +0.5
I57A	comp=Z,19nm,1.2s	28.07 181	P	P	02 17 32.2 +1.5
SCM	Sheep Creek Mo	28.12 287	P	P	02 17 31.8 +0.6
I60A	Shoreham	28.18 177	P	P	02 17 33.5 +1.9
I58A	Old Forge	28.31 179	P	P	02 17 34.6 +1.6
SML	Sawmill	28.44 287	P	P	02 17 34.7 +0.8
J59A	Piesco	28.54 179	P	P	02 17 35.9 +0.9
CUT	Chulitna	28.54 290	P	P	02 17 34.8 0.0
J57A	Williamstown	28.60 181	P	P	02 17 37.0 +1.6
GHO	Glory Hole Cre	28.64 288	P	P	02 17 36.7 +0.9
GHO			IAMB		02 17 53.1
J56A	Wolcott	28.74 182	P	P	02 17 37.9 +1.3
K59A	Cooperstown	29.23 179	P	P	02 17 42.3 +1.3
K58A	Earlville	29.24 181	P	P	02 17 42.7 +1.5
K57A	Scipio Center	29.28 182	P	P	02 17 43.0 +1.6
RC01	Rabbit Creek A	29.42 288	P	P	02 17 42.6 +0.1
ARCES	ARCCESS Array B	29.69 44	P	P	02 17 46.2 +1.4
ARCES	comp=Z,7.8nm,0.8s,baz=336,slow=5.7,SNR=5.5		LR		02 29 12.6
ARCES	ARCCESS Array B	29.69 44	P	P	02 17 44.2 -0.7
ARCES			IAMB		02 17 47.8
L58A	Harry Jones Me	29.96 181	P	P	02 17 48.8 +1.3
L57A	Andrews Acres	30.01 182	P	P	02 17 49.0 +1.0
ECSD	EROS Data Cent	30.09 212	P	P	02 17 49.6 +1.0
M59A	Waymart	30.46 180	P	P	02 17 52.8 +0.8
M54A	Oil Creek Stat	30.57 186	P	P	02 17 54.1 +1.1
M58A	Price's Panora	30.64 182	P	P	02 17 54.9 +1.4
M57A	Sunshine Farm,	30.68 183	P	P	02 17 54.9 +1.0
M60A	Port Jarvis	30.68 179	P	P	02 17 55.0 +1.2
M53A	WI Miller and	30.68 188	P	P	02 17 55.3 +1.4
M53A	WI Miller and	30.68 188	P	P	02 17 55.5 +1.7
GCMT	Greycliff	30.79 230	P	P	02 17 56.5 +1.5
N59A	State Game Lan	31.09 181	P	P	02 17 58.3 +0.8
RSSD	Black Hills	31.10 222	P	P	02 17 59.1 +1.2
RSSD			IAMB		02 18 02.4
N56A	West Decatur	31.12 184	P	P	02 17 58.8 +1.0
N54A	Moraine State	31.13 187	P	P	02 17 59.1 +1.2
N54A	Moraine State	31.13 187	P	P	02 17 59.3 +1.4
N60A	Cedar Hill Far	31.13 180	P	P	02 17 58.3 +0.4
N58A	Sunbury	31.17 182	P	P	02 17 59.4 +1.2
N58A	Sunbury	31.17 182	P	P	02 17 59.6 +1.4
SSPA	Standing Stone	31.19 184	P	P	02 18 00.8 +0.7
LRM	Limekiln Ridge	31.45 234	P	P	02 18 02.3 +1.3
YNE	Yellowstone No	31.61 230	P	P	02 18 03.7 +1.3
O59A	Robesonia	31.69 181	P	P	02 18 03.4 +0.6
O56A	Blue Knob Stat	31.77 185	P	P	02 18 03.5 -0.1
O57A	Amberson	31.81 183	P	P	02 18 03.9 +0.1
O53A	New Philadelph	31.89 189	P	P	02 18 04.7 +0.1
O54A	Avella	31.92 187	P	P	02 18 06.6 +1.8
ACSO	Alum Creek Sta	32.00 191	P	P	02 18 06.3 +0.8
ACSO	Alum Creek Sta	32.00 191	P	P	02 18 07.2 +1.7
YHH	Holmes Hill	32.02 231	P	P	02 18 07.2 +1.2
YHL	Hebgen Lake	32.04 232	P	P	02 18 07.5 +1.3
YHL			IAMB		02 18 11.4
K05B	Horse Butte	32.14 232	P	P	02 18 08.3 +1.3
YHB			IAMB		02 18 24.6
YMR	Madison River	32.16 231	P	P	02 18 08.5 +1.4
YMR			IAMB		02 18 12.3
H17A	Grant Village	32.32 231	P	P	02 18 09.8 +1.2
MCWV	Mont Chateau	32.42 187	P	P	02 18 10.9 +1.7
YPP	Pitchstone Pla	32.49 231	P	P	02 18 11.2 +1.1
YPP			IAMB		02 18 16.7
P56A	Dayton Farm, R	32.55 185	P	P	02 18 11.2 +0.9
P57A	Homestead Farm	32.55 184	P	P	02 18 11.3 +1.0
P52A	Corning	32.55 190	P	P	02 18 11.7 +1.4
SDMD	Soldier's Deli	32.60 182	P	P	02 18 11.7 +1.0
SDMD			IAMB		02 18 14.4
FLWY	Flagg Ranch	32.65 231	P	P	02 18 12.4 +1.0
P53A	Whipple	32.66 189	P	P	02 18 12.0 +0.7
P51A	Williamsport	32.75 191	P	P	02 18 13.6 +1.5
P49A	Miami Univ. Ec	32.81 193	P	P	02 18 13.8 +1.2
NOA	NORSTAR Array B	32.85 63	P	P	02 18 14.6 +1.0
NOA			IAMB		02 30 18.8
KDAK	Kodiak Island	32.96 286	LR	LR	02 31 56.3
MOOV	Moose Ponds	32.97 231	P	P	02 18 15.4 +1.2
Q56A	Snyder Ridge,	33.02 186	P	P	02 18 15.6 +1.3
Q56A	Snyder Ridge,	33.02 186	P	P	02 18 15.7 +1.3
K22A	Casper	33.04 225	P	P	02 18 15.9 +1.1
K22A	Casper	33.04 225	P	P	02 18 15.9 +1.1
K22A			IAMB		02 18 18.2
LOHW	Long Hollow	33.07 230	P	P	02 18 16.4 +1.3
Q58A	Fox Den Farm,	33.08 183	P	P	02 18 16.7 +1.8
Q53A	Leroy	33.29 189	P	P	02 18 18.3 +1.5
REDW	Red Top Meadow	33.36 230	P	P	02 18 18.7 +1.0
EKA	Eskdalemuir Ar	33.45 81	P	P	02 18 19.6 +1.6
BW06	Boulder Array	33.62 228	P	P	02 18 20.3 +0.4

BW06	Boulder Array	33.62 228	P	IAMB	02 18 21.1 +1.2
BW06			IAMB		02 18 25.4
PD31	Pinedale Array	33.62 228	P	IAMB	02 18 21.1 +1.2
PD31			IAMB		02 18 25.0
PDAR	Pinedale Array	33.62 228	P	LR	02 18 21.2 +1.2
PDAR	comp=Z,2.5nm,0.5s,baz=30,slow=7.4,SNR=33		LR		02 32 15.2
PDAR	Pinedale Array	33.62 228	P	P	02 18 21.1 +1.2
P38A	Dawn	33.65 206	P	P	02 18 21.4 +1.5
R58A	Rapidan	33.73 184	P	P	02 18 21.7 +1.1
R57A	Standardsville	33.74 185	P	P	02 18 21.9 +1.2
R59A	King George, V	33.81 183	P	P	02 18 22.1 +0.8
OLIL	Olney	33.89 198	P	P	02 18 23.1 +1.1
R54A	Victor	33.94 188	P	P	02 18 24.0 +1.5
R50A	Paris	34.03 193	P	P	02 18 24.5 +1.3
R50A			IAMB		02 18 26.3
HLUD	Hailey	34.06 235	P	P	02 18 24.8 +1.1
HLUD			IAMB		02 18 28.0
HLID	Hailey	34.06 235	P	P	02 18 25.0 +1.4
R58B	Mineral	34.06 184	P	P	02 18 25.0 +1.6
S59A	Mechanicsville	34.25 183	P	P	02 18 27.3 +2.2
S54A	Dingess, Beckl	34.34 188	P	P	02 18 27.0 +1.1
HFS	Hagfors	34.39 62	P	P	02 18 28.3 +2.1
MFID	Camas Ranch	34.52 237	P	IAMB	02 18 29.4 +1.4
MFID			IAMB		02 18 31.7
N23A	Red Feather Lr	34.60 223	P	P	02 18 29.9 +1.4
KSU1	Kansas State U	34.61 210	P	P	02 18 30.0 +1.8
R40A	Maddies Statio	34.80 204	P	P	02 18 31.4 +1.6
R40A			IAMB		02 18 33.9
T60A	Surry	34.87 182	P	P	02 18 31.7 +1.2
BLA	Blacksburg	34.88 187	P	P	02 18 32.2 +1.5
BLA	Blacksburg	34.88 187	P	P	02 18 32.0 +1.4
CCM	Cathedral Cave	34.90 202	P	P	02 18 32.1 +1.4
I07A	Izee	34.92 241	P	P	02 18 32.4 +1.3
I07A			IAMB		02 18 49.5
T56A	Rocky Mt	35.05 187	P	P	02 18 33.2 +1.1
T57A	Hurt	35.06 186	P	P	02 18 33.1 +1.0
T50A	Nancy	35.32 193	P	P	02 18 36.0 +1.6
CBKS	Cedar Bluff	35.41 214	P	P	02 18 36.6 +1.5
CBKS	Cedar Bluff	35.41 214	P	P	02 18 36.6 +1.5
CBKS			IAMB		02 18 38.5
U60A	Pendleton	35.54 183	P	P	02 18 37.9 +1.7
ISCO	Idaho Springs	35.58 222	P	P	02 18 38.1 +1.2
PINE	Pine Mountain	35.59 243	P	IAMB	02 18 48.6
R32A	Long Quarter,	35.61 212	P	P	02 18 38.4 +1.5
U57A	Blanch	35.62 186	P	P	02 18 38.6 +1.6
U54A	Nelsons Funny	35.63 189	P	P	02 18 38.7 +1.5
U58A	Oxford	35.64 184	P	P	02 18 39.0 +1.9
SPUT	South Promont	35.69 231	P	P	02 18 38.9 +1.2
TZTN	Tazewell	35.71 191	P	P	02 18 39.5 +1.8
K80C	Kaye Shedlock	35.74 218	P	P	02 18 39.9 +1.8
K80C			IAMB		02 18 49.5
K80C	Kaye Shedlock	35.74 218	P	P	02 18 39.4 +1.2
O20A	White River Ci	35.82 225	P	P	02 18 40.0 +1.1
O20A	White River Ci	35.82 225	P	P	02 18 40.0 +1.1
O20A			IAMB		02 18 53.0
MGMO	Mountain Grove	35.92 203	P	P	02 18 41.0 +1.5
MGMO			IAMB		02 18 41.8
J05D	Fort Rock, OR	36.14 243	P	P	02 18 42.9 +1.4
BGU	Big Grassy Mou	36.19 232	P	P	02 18 43.4 +1.4
V60A	Jim Taylor Roa	36.24 183	P	P	02 18 43.6 +1.4
V59A	Middlesex	36.26 184	P	P	02 18 43.8 +1.4
I03D	Drain, OR	36.35 246	P	P	02 18 43.9 +0.8
V52A	Sevierville	36.41 191	P	P	02 18 45.2 +1.5
WVT	Waverly	36.45 197	P	P	02 18 45.0 +0.9
SMCO	Snowmass	36.46 223	P	P	02 18 45.5 +0.9
SMCO			IAMB		02 18 49.6
V51A	Loudon	36.50 192	P	P	02 18 46.0 +1.6
FINES	FINES Array B	36.53 52	P	P	02 18 46.5 +2.1
FINES	comp=Z,3.1nm,1.0s,baz=311,slow=3.8,SNR=5.6		PcP	PcP	02 21 09.9 +2.8
FINES	comp=Z,6.2nm,1.0s,baz=323,slow=2.9,SNR=4.8		LR	LR	02 31 54.2
V53A	Saluda	36.53 190	P	P	02 18 46.2 +1.4
K05A	Summer Lake	36.56 242	P	P	02 18 46.5 +1.4
K05A			IAMB		02 18 53.1
V48A	Smith Brothers	36.75 196	P	P	02 18 47.6 +1.0
V48A			IAMB		02 18 49.7
DUG	Dugway, Tooele	36.83 231	P	P	02 18 49.5 +2.1
DUG	Dugway, Tooele	36.83 231	P	P	02 18 48.7 +1.3
DUG			IAMB		02 19 05.3
CPCT	Cooper Cave	36.86 193	P	P	02 18 49.0 +1.5
NLU	North Lily Min	36.88 230	P	P	02 18 49.2 +1.4
W57A	Gilead	36.92 186	P	P	02 18 49.5 +1.4
KAN14	Manchester OK	36.92 211	P	P	02 18 49.7 +1.7
W56A	Indian Trail	36.96 187	P	P	02 18 49.7 +1.3
P17A	Butcher Ranch,	37.02 228	P	P	02 18 50.4 +1.3
FCAR	Ozark Folk Cen	37.15 203	P	P	02 18 51.5 +1.6
FCAR			IAMB		02 18 52.6
MOD	Modoc Plateau	37.16 241	P	IAMB	02 18 51.4 +1.2
MOD			IAMB		02 18 56.1
W52A	Murphy	37.17 192	P	P	02 18 51.5 +1.2
SWET	Swansee	37.19 194	P	P	02 18 51.9 +1.4
SWET			IAMB		02 18 53.3
BG3	Lake Jocassee	37.21 190	P	P	02 18 52.0 +1.5
BG3			IAMB		02 18 54.8
HUMO	Hull Mountain	37.25 244	P	P	02 18 52.1 +1.3
TMUT	Troun Mountain	37.30 229	P	P	02 18 52.7 +1.1
SRU	San Rafael Swe	37.32 228	P	P	02 18 52.9 +1.2
PAULI	Pauline	37.33 189	P	P	02 18 53.2 +1.7
K02D	Willamette Mer	37.37 245	P	P	02 18 53.0 +1.1
L04D	Klamath Falls	37.42 243	P	P	02 18 53.6 +1.2
SDCO	Great Sand Dun	37.53 221	P	P	02 18 54.7 +1.1
PV23	Carpenter Ridge	37.60 226	P	P	02 18 55.2

12d 2h

Table with columns for station name, frequency, mode, and other technical details. Includes stations like ESDC Sonseca Array, PNCL Nicolau / Gran, ARU Arti, etc.

2015 FEB

Table with columns for station name, frequency, mode, and other technical details. Includes stations like NJ2 Nanjing, CD2 Chengdu, SAML Samuel, etc.

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Table with columns for station name, frequency, mode, and other technical details. Includes stations like ECAB El Cabril, EADA Adamuz, PAB San Pablo, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EYAK, TT01, TTA, N25K, etc.

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PB03, MNMC, LVC, etc.

KBG	Krutoberegovo	0.93 203	eP	Pg	03 24 49.0	-1.3	Sg
KBG	Krutoberegovo	0.95 198	PN	Sg	03 25 01.5	-0.9	Sg
KBTR	Krutoberegovo	0.95 198	eS	Pg	03 24 49.4	-1.3	Pg
KBTR	Krutoberegovo	0.95 198	eS	Pg	03 25 03.6	+0.5	Pg
KBTR	Krutoberegovo	0.95 198	eS	Pg	03 24 49.4	-1.3	Pg
SMKR	Semkarok	1.17 244	PN	Sb	03 24 53.5	-1.2	Sb
SMKR	Semkarok	1.17 244	eS	Pn	03 25 10.3	-0.5	Pn
SMKR	Semkarok	1.17 244	eS	Pn	03 24 53.5	-1.2	Pn
SMKR	Semkarok	1.17 244	eS	Pn	03 25 10.3	-0.5	Pn
SRKR	Sorokina	1.29 250	PN	Pn	03 24 54.8	-1.7	Pn
SRKR	Sorokina	1.29 250	eS	Pn	03 24 54.8	-1.7	Pn
BDR	Baidarnaya	1.30 246	PN	Sb	03 25 13.5	-0.2	Sb
BDR	Baidarnaya	1.30 246	eS	Pn	03 24 55.3	-1.4	Pn
BDR	Baidarnaya	1.30 246	eS	Pn	03 25 13.5	-0.2	Pn
BDR	Baidarnaya	1.30 246	eS	Pn	03 24 55.3	-1.4	Pn
BDR	Baidarnaya	1.30 246	eS	Pn	03 25 13.5	-0.2	Pn
KLY	Klyuchi	1.69 243	PN	Sb	03 25 21.5	-2.2	Sb
KLY	Klyuchi	1.69 243	eS	Pn	03 25 00.2	-1.8	Pn
KLY	Klyuchi	1.69 243	eS	Pn	03 25 21.5	-2.2	Pn
KLY	Klyuchi	1.69 243	eS	Pn	03 25 00.2	-1.8	Pn
KLY	Klyuchi	1.69 243	eS	Pn	03 25 21.5	-2.2	Pn
KRSR	Krestovskiy	1.78 241	PN	Sb	03 25 03.3	-0.1	Sb
KRSR	Krestovskiy	1.78 241	eS	Pn	03 25 27.0	-0.6	Pn
KRSR	Krestovskiy	1.78 241	eS	Pn	03 25 03.3	-0.1	Pn
KRSR	Krestovskiy	1.78 241	eS	Pn	03 25 27.0	-0.6	Pn
ZLN	Zelenaya	1.79 233	PN	Pn	03 25 03.9	+0.5	Pn
ZLN	Zelenaya	1.79 233	PN	Pn	03 25 03.9	+0.5	Pn
BZGR	Bezmyannyi-Gr	1.89 233	PN	Sb	03 25 05.3	+0.5	Sb
BZGR	Bezmyannyi-Gr	1.89 233	eS	Pn	03 25 05.3	+0.5	Pn
BZGR	Bezmyannyi-Gr	1.89 233	eS	Pn	03 25 05.3	+0.5	Pn
BZGR	Bezmyannyi-Gr	1.89 233	eS	Pn	03 25 05.3	+0.5	Pn
BZGR	Bezmyannyi-Gr	1.89 233	eS	Pn	03 25 05.3	+0.5	Pn
BZWR	Bezmyannyi-We	1.96 235	PN	Sb	03 25 06.2	+0.4	Sb
BZWR	Bezmyannyi-We	1.96 235	eS	Pn	03 25 32.2	+0.6	Pn
BZWR	Bezmyannyi-We	1.96 235	eS	Pn	03 25 06.2	+0.4	Pn
BZWR	Bezmyannyi-We	1.96 235	eS	Pn	03 25 32.2	+0.6	Pn
BZWR	Bezmyannyi-We	1.96 235	eS	Pn	03 25 06.2	+0.4	Pn
KIRR	Kirishev	2.03 236	PN	Sb	03 25 07.5	+0.6	Sb
KIRR	Kirishev	2.03 236	eS	Pn	03 25 34.3	-0.6	Pn
KIRR	Kirishev	2.03 236	eS	Pn	03 25 07.5	+0.6	Pn
KIRR	Kirishev	2.03 236	eS	Pn	03 25 34.3	-0.6	Pn
KIRR	Kirishev	2.03 236	eS	Pn	03 25 07.5	+0.6	Pn
OSSR	Ossora	2.15 356	PN	Sb	03 25 06.7	-1.6	Sb
OSSR	Ossora	2.15 356	eS	Pn	03 25 08.4	-0.1	Pn
SRDR	Sredinnyy	2.16 250	PN	Pn	03 25 08.4	-0.1	Pn
SRDR	Sredinnyy	2.16 250	PN	Pn	03 25 08.4	-0.1	Pn
KOZ	Kozyrevsk	2.20 243	PN	Sb	03 25 09.6	+0.6	Sb
KOZ	Kozyrevsk	2.20 243	eS	Pn	03 25 09.6	+0.6	Pn
KOZ	Kozyrevsk	2.20 243	eS	Pn	03 25 09.6	+0.6	Pn
KOZ	Kozyrevsk	2.20 243	eS	Pn	03 25 09.6	+0.6	Pn
KOZ	Kozyrevsk	2.20 243	eS	Pn	03 25 09.6	+0.6	Pn
KMNR	Kamenistaya	2.20 233	PN	Pn	03 25 10.2	+1.1	Pn
KMNR	Kamenistaya	2.20 233	PN	Pn	03 25 10.2	+1.1	Pn
KMNR	Kamenistaya	2.20 233	PN	Pn	03 25 10.2	+1.1	Pn
KMNR	Kamenistaya	2.20 233	PN	Pn	03 25 10.2	+1.1	Pn
KMNR	Kamenistaya	2.20 233	PN	Pn	03 25 10.2	+1.1	Pn
BKI	Bering	2.41 141	PN	Sb	03 25 39.5	-1.8	Sb
BKI	Bering	2.41 141	eS	Pn	03 25 39.5	-1.8	Pn
BKI	Bering	2.41 141	eS	Pn	03 25 39.5	-1.8	Pn
BKI	Bering	2.41 141	eS	Pn	03 25 39.5	-1.8	Pn
BKI	Bering	2.41 141	eS	Pn	03 25 39.5	-1.8	Pn
TUMD	Tumrok D	2.53 222	eP	Pn	03 25 14.5	+1.0	Pn
TUMD	Tumrok D	2.53 222	eP	Pn	03 25 14.5	+1.0	Pn
TUMR	Tumrok	2.56 226	PN	Pn	03 25 14.5	+1.0	Pn
TUMR	Tumrok	2.56 226	PN	Pn	03 25 14.5	+1.0	Pn
TUMR	Tumrok	2.56 226	PN	Pn	03 25 14.5	+1.0	Pn
TUMR	Tumrok	2.56 226	PN	Pn	03 25 14.5	+1.0	Pn
TUMR	Tumrok	2.56 226	PN	Pn	03 25 14.5	+1.0	Pn
KZV	Kizimen	2.64 222	PN	Pn	03 25 16.6	+1.5	Pn
KZV	Kizimen	2.64 222	PN	Pn	03 25 16.6	+1.5	Pn
KZV	Kizimen	2.64 222	PN	Pn	03 25 16.6	+1.5	Pn
KZV	Kizimen	2.64 222	PN	Pn	03 25 16.6	+1.5	Pn
KZV	Kizimen	2.64 222	PN	Pn	03 25 16.6	+1.5	Pn
PALN	Palana	2.68 319	PN	Pn	03 25 17.4	+1.9	Pn
PALN	Palana	2.68 319	PN	Pn	03 25 17.4	+1.9	Pn
PALN	Palana	2.68 319	PN	Pn	03 25 17.4	+1.9	Pn
PALN	Palana	2.68 319	PN	Pn	03 25 17.4	+1.9	Pn
PALN	Palana	2.68 319	PN	Pn	03 25 17.4	+1.9	Pn
ESO	Esso	2.84 247	PN	Sb	03 25 20.6	-2.6	Sb
ESO	Esso	2.84 247	PN	Sb	03 25 20.6	-2.6	Sb
ESO	Esso	2.84 247	PN	Sb	03 25 20.6	-2.6	Sb
ESO	Esso	2.84 247	PN	Sb	03 25 20.6	-2.6	Sb
ESO	Esso	2.84 247	PN	Sb	03 25 20.6	-2.6	Sb
TILK	Tilichiki	3.65 22	PN	Sb	03 25 28.1	-0.7	Sb
TILK	Tilichiki	3.65 22	PN	Sb	03 25 28.1	-0.7	Sb
TILK	Tilichiki	3.65 22	PN	Sb	03 25 28.1	-0.7	Sb
TILK	Tilichiki	3.65 22	PN	Sb	03 25 28.1	-0.7	Sb
TILK	Tilichiki	3.65 22	PN	Sb	03 25 28.1	-0.7	Sb
KII	Karymskiy	3.80 217	PN	Pn	03 25 32.9	+1.9	Pn
KII	Karymskiy	3.80 217	PN	Pn	03 25 32.9	+1.9	Pn
KII	Karymskiy	3.80 217	PN	Pn	03 25 32.9	+1.9	Pn
KII	Karymskiy	3.80 217	PN	Pn	03 25 32.9	+1.9	Pn
KII	Karymskiy	3.80 217	PN	Pn	03 25 32.9	+1.9	Pn
SPN	Mys Shipunski	4.45 207	eS	Pn	03 25 34.7	+2.9	Pn
SPN	Mys Shipunski	4.45 207	eS	Pn	03 25 34.7	+2.9	Pn
SPN	Mys Shipunski	4.45 207	eS	Pn	03 25 34.7	+2.9	Pn
SPN	Mys Shipunski	4.45 207	eS	Pn	03 25 34.7	+2.9	Pn
SPN	Mys Shipunski	4.45 207	eS	Pn	03 25 34.7	+2.9	Pn
GNL	Ganally	4.61 224	PN	Pn	03 25 44.7	+2.5	Pn
GNL	Ganally	4.61 224	PN	Pn	03 25 44.7	+2.5	Pn
GNL	Ganally	4.61 224	PN	Pn	03 25 44.7	+2.5	Pn
GNL	Ganally	4.61 224	PN	Pn	03 25 44.7	+2.5	Pn
GNL	Ganally	4.61 224	PN	Pn	03 25 44.7	+2.5	Pn
KRX	Krik	4.62 216	PN	Pn	03 25 45.1	+2.4	Pn
KRX	Krik	4.62 216	PN	Pn	03 25 45.1	+2.4	Pn
KRX	Krik	4.62 216	PN	Pn	03 25 45.1	+2.4	Pn
KRX	Krik	4.62 216	PN	Pn	03 25 45.1	+2.4	Pn
KRX	Krik	4.62 216	PN	Pn	03 25 45.1	+2.4	Pn
KRER	Koryakskii	4.64 217	PN	Pn	03 25 45.1	+2.4	Pn
KRER	Koryakskii	4.64 217	PN	Pn	03 25 45.1	+2.4	Pn
KRER	Koryakskii	4.64 217	PN	Pn	03 25 45.1	+2.4	Pn
KRER	Koryakskii	4.64 217	PN	Pn	03 25 45.1	+2.4	Pn
KRER	Koryakskii	4.64 217	PN	Pn	03 25 45.1	+2.4	Pn
SMAR	Somma	4.66 216	PN	Pn	03 25 43.8	+0.9	Pn
SMAR	Somma	4.66 216	PN	Pn	03 25 43.8	+0.9	Pn
SMAR	Somma	4.66 216	PN	Pn	03 25 43.8	+0.9	Pn
SMAR	Somma	4.66 216	PN	Pn	03 25 43.8	+0.9	Pn
SMAR	Somma	4.66 216	PN	Pn	03 25 43.8	+0.9	Pn
AVH	Avacha	4.67 216	PN	Pn	03 25 45.6	+2.5	Pn
AVH	Avacha	4.67 216	PN	Pn	03 25 45.6	+2.5	Pn
AVH	Avacha	4.67 216	PN	Pn	03 25 45.6	+2.5	Pn
AVH	Avacha	4.67 216	PN	Pn	03 25 45.6	+2.5	Pn
AVH	Avacha	4.67 216	PN	Pn	03 25 45.6	+2.5	Pn
KOK	Koryaka	4.69 217	PN	Pn	03 25 46.3	+3.1	Pn
KOK	Koryaka	4.69 217	PN	Pn	03 25 46.3	+3.1	Pn
KOK	Koryaka	4.69 217	PN	Pn	03 25 46.3	+3.1	Pn
KOK	Koryaka	4.69 217	PN	Pn	03 25 46.3	+3.1	Pn
KOK	Koryaka	4.69 217	PN	Pn	03 25 46.3	+3.1	Pn
UGLR	Uglovaya	4.70 215	PN	Pn	03 25 44.4	+1.0	Pn
UGLR	Uglovaya	4.70 215	PN	Pn	03 25 44.4	+1.0	Pn
UGLR	Uglovaya	4.70 215	PN	Pn	03 25 44.4	+1.0	Pn
UGLR	Uglovaya	4.70 215	PN	Pn	03 25 44.4	+1.0	Pn
UGLR	Uglovaya	4.70 215	PN	Pn	03 25 44.4	+1.0	Pn
PET	Petrovlovsk	4.91 215	eP	MLR	03 25 47.5	+1.3	MLR
PET	Petrovlovsk	4.91 215	eP	MLR	03 25 47.5	+1.3	MLR
PET	Petrovlovsk	4.91 215	eP	MLR	03 25 47.5	+1.3	MLR
PET	Petrovlovsk	4.91 215	eP	MLR	03 25 47.5	+1.3	MLR
PET	Petrovlovsk	4.91 215	eP	MLR	03 25 47.5	+1.3	MLR
PEAB	Petrovlovsk	5.16 221	PN	Pn	03 25 50.3	+0.6	Pn
PEAB	Petrovlovsk	5.16 221	PN	Pn	03 25 50.3	+0.6	Pn
PEAB	Petrovlovsk	5.16 221	PN	Pn	03 25 50.3	+0.6	Pn
PEAB	Petrovlovsk	5.16 221	PN	Pn	03 25 50.3	+0.6	Pn
PEAB	Petrovlovsk	5.16 221	PN	Pn	03 25 50.3	+0.6	Pn
PEAOB	Petrovlovsk	5.16 221	PN	Pn	03 25 51.2	+1.5	Pn
PEAOB	Petrovlovsk	5.16 221	PN	Pn	03 25 51.2	+1.5	Pn
PEAOB	Petrovlovsk	5.16 221	PN	Pn	03 25 51.2	+1.5	Pn
PEAOB	Petrovlovsk	5.16 221	PN	Pn	03 25 51.2	+1.5	Pn
PEAOB	Petrovlovsk	5.16 221	PN	Pn	03 25 51.2	+1.5	Pn
PETK	Petrovlovsk	5.16 221	PN	Pn	03 25 51.7	+2.0	Pn
PETK	Petrovlovsk	5.16 221	PN	Pn	03 25 51.7	+2.0	Pn
PETK	Petrovlovsk	5.16 221	PN	Pn	03 25 51.7	+2.0	Pn
PETK	Petrovlovsk	5.16 221	PN	Pn	03 25 51.7	+2.0	Pn
PETK	Petrovlovsk	5.16 221	PN	Pn	03 25 51.7	+2.0	Pn
GRL	Gorelyy	5.49 218	PN	Pn	03 25 57.2	+2.2	Pn
GRL	Gorelyy	5.49 218	PN	Pn	03 25 57.2	+2.2	Pn
GRL	Gorelyy	5.49 218	PN	Pn	03 25 57.2	+2.2	Pn
GRL	Gorelyy	5.49 218	PN	Pn	03 25 57.2	+2.2	Pn
GRL	Gorelyy	5.49 218	PN	Pn	03 25 57.2	+2.2	Pn
ASAJ	Asahikawa	18.41 234	LR	LR	03 35 49.5		LR
ERM	Ermo	19.88 229	P	P	03 29 02.1	-1.5	P
ERM	Ermo	19.88 229	P	P	03 29 02.1	-1.5	P
ERM	Ermo	19.88 229	P	P	03 29 02.1	-1.5	P
ERM	Ermo	19.88 229	P	P	03 29 02.1	-1.5	P
ERM	Ermo	19.88 229	P	P	03 29 02.1	-1.5	P
TTA	Tatalina	20.83 57	P	P	03 29 16.7	+0.4	P
TTA	Tatalina	20.83 57	P	P	03 29 16.7	+0.4	P
TTA	Tatalina	20.8					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, SIV San Ignacio, H03N1 Juan Fernandez, etc.

DJA 12 05:51:52.04,7.7S,4.10E, h10km, M4.4/14, mb4.5/3, mB4.9/1, ML4.4/14, Mw(mB4.1/11)

ISC 12 05:51:55.1,0.8,7.05S,0.1,105.44E,0.07, h56km, n25, c133/28, mb3.6/8, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKJ1 Sukabumi, DBJ1 Dramaga, CBJ1 Citeko, etc.

UCR 12 05:57:04.8,1.6,7.96N,82.82W, h5km, MW4.0

INET 12 05:57:07.1,3.24N,82.40W, h28km, MW3.9

ISC 12 05:57:04.8,1.3,8.02N,0.05,82.63W,0.04, h24km, 12km, n43, c095/56, 3C-1D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SBAR3 San Bartolo, LESP3 La Esperanza, etc.

ISC 12 06:07:43.6,1.2,20.09S,70.74W, h0km, mb3.8/5, mb1.4/0.7, mb1mx3.8/32, mbtmp3.9/7, ML3.8/2, MS2.6/5, s-min=16.6km az=70.0

GUC 12 06:07:46.7,2.0,20.20S,70.88W, h32km, 2km, ML3.6

ISC 12 06:07:43.2,2.5,20.12S,0.04,70.88W,0.07, h7km, 14km, Chile, c119/35, mb3.9/4, 8C-6D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TA02 Huaquiique, TA01 Diego Aracena, PSGC Pisagua, etc.

ISC 12 06:08:51.0,1.4,5.66S,169.22W, h0km, mb3.9/10, mb1.4/1.13, mb1mx3.8/61, mbtmp3.9/13, ML3.4/3, MS3.4/3, Ms1.3.4/3, ms1mx2.8/42, Error ellipse: s-maj=41.2km

ISC 12 06:08:52.2,1.5,5.66S,169.30W,0.1, h10km, 1km, mb4.3/10, ML4.0(AEIC), Error ellipse: s-maj=11.3km

ISC 12 06:08:52.8,0.5,5.65S,169.24W,0.06, h10km, n69, c097/72, mb3.8/8, Pribilof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPIA Saint Paul Isl, AKGG Akutan Green G, etc.

ISC 12 06:08:51.0,1.4,5.66S,169.22W, h0km, mb3.9/10, mb1.4/1.13, mb1mx3.8/61, mbtmp3.9/13, ML3.4/3, MS3.4/3, Ms1.3.4/3, ms1mx2.8/42, Error ellipse: s-maj=41.2km

ISC 12 06:08:52.2,1.5,5.66S,169.30W,0.1, h10km, 1km, mb4.3/10, ML4.0(AEIC), Error ellipse: s-maj=11.3km

ISC 12 06:08:52.8,0.5,5.65S,169.24W,0.06, h10km, n69, c097/72, mb3.8/8, Pribilof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPIA Saint Paul Isl, AKGG Akutan Green G, etc.

ISC 12 06:17:47.3,0.5,23.18S,67.19W, h269km, 5km, mb3.9

ISC 12 06:17:47.3,0.5,23.08S,66.60W, h198km, 13km, mb3.7/2, mb1.3.6/8, mb1mx3.8/32, mbtmp3.8/10, MS3.3/1, Ms1.3.3/1, ms1mx2.4/28, Error ellipse: s-maj=18.8km s-min=16.7km az=147.0

ISC 12 06:17:47.3,0.5,23.10S,67.12W, h258km, 9km, ML4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHY Whitehorse, PETK Petropavlovsk, INK Inuvik, etc.

ISC 12 06:16:16.8,0.8,11.11S,0.1,162.11E,0.1, h36km, n15, c137/12, mb3.7/8, MS3.4/6, Bougainville-Solomon Islands region

ISC 12 06:16:16.8,0.8,11.11S,0.1,162.11E,0.1, h36km, n15, c137/12, mb3.7/8, MS3.4/6, Bougainville-Solomon Islands region

ISC 12 06:16:16.8,0.8,11.11S,0.1,162.11E,0.1, h36km, n15, c137/12, mb3.7/8, MS3.4/6, Bougainville-Solomon Islands region

ISC 12 06:16:16.8,0.8,11.11S,0.1,162.11E,0.1, h36km, n15, c137/12, mb3.7/8, MS3.4/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, etc.

ISC 12 06:17:47.3,0.5,23.18S,67.19W, h269km, 5km, mb3.9

ISC 12 06:17:47.3,0.5,23.08S,66.60W, h198km, 13km, mb3.7/2, mb1.3.6/8, mb1mx3.8/32, mbtmp3.8/10, MS3.3/1, Ms1.3.3/1, ms1mx2.4/28, Error ellipse: s-maj=18.8km s-min=16.7km az=147.0

ISC 12 06:17:47.3,0.5,23.10S,67.12W, h258km, 9km, ML4.0

ISC 12 06:17:47.3,0.5,23.07S,66.67W,0.08, h248km, 10km, n65, c119/80, 11C, Chile-Argentina border region

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

ISC 12 06:17:47.3,0.5,23.07S,66.67W,0.08, h248km, 10km, n65, c119/80, 11C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRCB Terra Rica, PTGB Pitanga, ITAB Concordia, etc.

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

NEIC 12 06:24:10.7,2.1, 15.17S:0.06:70.75W:0.09, h179km, 5km, mb4=100, Error ellipse: s-maj=12.1km s-min=8.4km

IDC 12 06:24:11.8,0.8, 15.04S:70.58W, h187km, 7km, mb4, 0/13, m1 4.2/20, mb1mx4.1/37, mbtmp4.6/20, MS3.0/3, M1 3.0/3, ms1mx2.6/32, Error ellipse: s-maj=14.0km s-min=8.9km az=41.0

VAO 12 06:24:12.8,0.6, 15.18S:70.61W, h201km, 4km, mb4.6, ISC 12 06:24:11.1,0.4, 15.17S:70.65W:0.06, h189km, n173, r154/163, mb4.3/42, Southern Peru

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

IDC 12 06:19:13.9,4.3, 1.17N-98.39E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.5/38, mbtmp3.6/4, Error ellipse: s-maj=171.2km s-min=31.4km az=56.0, Northern Sumatara

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

SOF 12 06:21:50.6, 41.74N-23.83E, h14km, MD2.9, ATH 12 06:21:51.6, 41.71N-23.81E, h8km, 3km, ML2.3/7, Error ellipse: s-maj=4.9km s-min=1.3km az=177.0

SKO 12 06:21:52.2, 41.73N-23.81E, h0km, ML2.3/7, BEO 12 06:21:52.9, 0.3, 41.71N-23.81E, h0km, ML2.3/11, IDC 12 06:21:50.8, 1.1, 41.70N-0.02-23.77E, 0.02, h12km, n47, r1540/67, 11C-10, Greece-Bulgaria border region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AC02, AC05, AC05, AC05, AC05, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NAN01, GDU01, ESPN, MTO3, MTO3, etc.

NIC 12 06:29:55.3, 0.0, 35.62N-32.42E, h20km, ML2.5/4, ISK 12 06:29:55.0, 35.58N-32.37E, h18km, ML2.6/10, DDA 12 06:30:01.7, 36.41N-32.68E, h8km, 3km, ML1.7, ISC 12 06:29:55.1, 1.1, 35.64N-0.02-32.34E, 0.04, h28km, 11km, n29, r1574/42, 1C-1D, Cyprus region

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

12d 7h

TWB1	baz=19	i S	Sb	07 36 01.9 +1.0	
EHY	baz=19	0.81 207 eP	Pn	07 35 49.1 -1.2	
EHY	Hungye baz=215	eS	Sn	07 35 59.9 -1.5	
TAP	baz=215	0.82 346 eP	Pb	07 35 50.9 +0.2	
TAP	Taipei baz=346	eS	Sb	07 36 02.2 +0.7	
SMLT	baz=346	0.83 245 P	Pb	07 35 51.1 +0.2	
SMLT	Sun Moon Lake baz=239	eS	Sn	07 36 02.0 +0.1	
NWF	baz=239	0.83 311 iP	Pb	07 35 51.2 +0.3	
NWF	Wu-fen Shan baz=351	i S	Sb	07 36 02.9 +1.0	
WFSB	baz=351	0.83 311 iP	Pb	07 35 51.2 +0.3	
WFSB	Wu-fen Shan baz=351	i S	Sb	07 36 02.4 +0.6	
SSLB	baz=351	0.83 238 iP	Pn	07 35 51.7 +0.1	
SSLB	Suanglung baz=230	eS	Sn	07 36 01.3 -0.6	
SSLB	baz=230	0.83 238	Pn	07 35 50.8 +0.2	
SSLB	Suanglung	Sn	Pn	07 36 01.0 -0.9	
HSN1	baz=316	0.84 310 iP	Pb	07 35 52.0 +1.0	
HSN1	Hsinchu baz=316	i S	Sb	07 36 03.8 +1.9	
NTY	baz=333	0.85 333 P	Pb	07 35 51.7 +0.4	
NTY	Taoyuan baz=333	S	Sb	07 36 03.9 +1.5	
TYC	baz=333	0.86 248 P	Pb	07 35 51.5 +0.2	
TYC	Yuchr baz=242	eS	Sb	07 36 03.6 +1.1	
SBCB	baz=315	0.87 310 eP	Pb	07 35 52.2 +0.7	
SBCB	Hsinchu baz=315	i S	Sb	07 36 04.5 +1.6	
TWQ1	baz=275	0.88 278 P	Pb	07 35 52.6 +1.0	
TWQ1	Liyutan baz=275	S	Sb	07 36 03.7 +0.7	
NCUH	baz=325	0.88 326 eP	Pb	07 35 52.0 +0.4	
NCUH	Zhongli baz=325	S	Sb	07 36 04.2 +1.2	
NCU	baz=325	0.88 326 eP	Pb	07 35 51.9 +0.3	
NCU	National Centr baz=325	S	Sb	07 36 04.5 +1.4	
NJN	baz=298	0.90 300 eP	Pb	07 35 52.8 +0.9	
NJN	Zhunan baz=298	eS	Sn	07 36 05.3 +1.8	
NSY	baz=280	0.90 282 P	Pb	07 35 53.0 +1.1	
NSY	Sanyi baz=280	S	Sb	07 36 05.7 +2.1	
NMLH	baz=296	0.90 290 iP	Pb	07 35 53.0 +0.9	
NMLH	Miaoili baz=296	i S	Sb	07 36 05.2 +1.4	
TWS1	baz=352	0.91 342 P	Pb	07 35 52.0 -0.1	
TWS1	Kuangyinshan baz=352	S	Sb	07 36 04.8 +1.0	
TNOU	baz=352	0.91 3 eP	Pb	07 35 51.9 -0.2	
TNOU	National Taiwa baz=352	eS	Sb	07 36 04.5 +0.5	
YULB	baz=354	0.93 205	Pn	07 35 50.6 -1.2	
NTST	Danshui baz=354	eP	Pn	07 35 52.5 +0.2	
NTST	Yuli baz=354	eS	Sb	07 36 06.3 +1.0	
EYUL	baz=214	0.96 203 eP	Sn	07 35 52.9 +0.6	
EYUL	Yuli baz=214	eS	Sn	07 36 04.7 -0.2	
TCU	baz=263	0.96 265 iP	Pb	07 35 54.0 +1.0	
TCU	Taichung baz=263	i S	Sb	07 36 07.8 +2.4	
WHYT	baz=233	0.96 236 eP	Pb	07 35 53.6 +0.5	
WHYT	Xinyi Township baz=233	eS	Sb	07 36 06.5 +1.0	
TWF1	baz=213	0.96 204 eP	Pn	07 35 51.1 -1.3	
TWF1	Yuli baz=213	eS	Sn	07 36 05.4 +0.4	
ANP	baz=349	0.96 349 eP	Pn	07 35 52.1 -0.4	
ANP	Anpu baz=349	P	Pb	07 35 54.3 +0.7	
WDJ	baz=275	1.00 277 iP	eS	Sb	07 36 08.3 +1.9
WDJ	Daia District baz=275	eS	Sb	07 36 08.3 +1.9	
WJS	baz=244	1.00 246 iP	Pb	07 35 54.6 +1.0	
WJS	Zhushan baz=244	S	Sb	07 36 09.1 +2.6	
WNT1	baz=250	1.01 251 eP	Pb	07 35 55.0 +1.1	
WNT1	Nantou City baz=250	eS	Sb	07 36 09.5 +2.7	
WNT	baz=248	1.02 250 eP	Pb	07 35 54.5 +0.6	
WNT	Mingjian baz=248	eS	Sb	07 36 09.2 +2.3	
YUS	baz=213	1.03 224 iP	Pn	07 35 54.1 +0.4	
YUS	Yu-Shan baz=213	P	Pb	07 35 54.0 -0.3	
TWY	baz=339	eS	Sb	07 36 07.2 -0.5	
TWY	Chenhua baz=339	eS	Sb	07 36 07.2 -0.5	
NSM	baz=352	1.05 353 eP	Pb	07 35 56.1 +1.6	
NSM	Shimen baz=352	eP	Pb	07 35 56.1 +1.6	
WCHH	baz=260	1.08 262 eP	Pb	07 35 55.3 +0.4	
WCHH	Zhanghua baz=260	S	Sb	07 36 10.3 +1.6	
FULB	baz=213	1.11 201 eP	Pn	07 35 54.1 -0.2	
FULB	Fuli baz=213	eS	Sn	07 36 09.1 +0.6	
ALS	baz=219	1.11 230 P	Pb	07 35 55.6 -0.1	
ALS	Alishan baz=219	eS	Sn	07 35 55.6 -0.1	
JYNG	baz=249	1.13 79 P	Pb	07 35 55.6 -0.3	
JYNG	Yonagunijimaku baz=249	eS	Pb	07 36 10.9 +0.6	
CHN5	baz=236	1.15 237 eP	Sb	07 35 56.5 +0.3	
CHN5	Tsauling baz=236	S	Sb	07 36 12.6 +1.7	
CHKT	baz=209	1.18 196 eP	Pn	07 35 55.4 +0.1	
CHKT	Chengkung baz=209	eS	Pn	07 35 55.4 +0.1	
YOJ	baz=209	1.19 79 P	Pb	07 35 56.4 -0.5	
YOJ	Yonaguni jima baz=209	P	Pb	07 36 12.5 +0.5	
YOJ	Yonaguni jima baz=209	Sn	Pb	07 35 56.4 -0.5	
WGK	baz=242	1.20 243 eP	Pb	07 35 57.8 +0.8	
WGK	Gukung baz=242	eS	Pb	07 36 13.1 +1.0	
WDLH	baz=242	1.22 244 P	Pb	07 35 58.0 +0.7	
WDLH	Douliu baz=242	S	Sb	07 36 14.3 +1.7	
ELDTW	baz=212	1.23 212 eP	Pn	07 35 55.6 -0.4	
ELDTW	Lidau baz=212	eS	Sn	07 36 12.4 +0.8	
RLNB	baz=253	1.29 255 eP	Pb	07 35 58.8 +0.2	
RLNB	Erlin baz=253	eP	Pb	07 35 58.8 +0.2	
EDH	baz=212	1.32 197 eP	Pn	07 35 56.2 -1.0	
EDH	Donghe baz=212	eS	Sn	07 36 14.7 +1.0	
WTK	baz=193	1.34 246 eP	Pb	07 35 59.4 0.0	
WTK	Tuku baz=193	eP	Pb	07 35 59.4 0.0	

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WTK	baz=246	S	Sb	07 36 18.5 +2.3
CHN2	baz=246	1.34 239 eP	Pb	07 36 00.3 +0.9
CHN2	Minshung baz=236	eS	Sb	07 36 18.7 -0.5
CHN4	baz=238	1.36 230 P	Pb	07 35 59.8 +0.1
CHN4	Tsautshan baz=221	eS	Sb	07 36 19.8 +3.0
TPUB	baz=221	1.37 227 iP	Pb	07 35 59.8 -0.1
TPUB	Ta-pu baz=218	i P	Pb	07 36 18.1 +1.1
TPUB	baz=218	1.37 227 P	Pb	07 35 59.7 -0.1
STYH	baz=213	1.37 220 eP	Sn	07 35 58.9 +1.0
STYH	Taoyuan baz=213	eS	Sn	07 36 16.4 +1.3
STYH	baz=213	1.39 220 i P	Pn	07 35 59.5 +1.3
STYT	baz=213	eS	Sb	07 36 17.2 -0.4
CHY	baz=213	1.40 239 iP	Pb	07 36 00.8 +0.4
CHY	Chiayi baz=238	eS	Sb	07 36 20.2 +2.4
WTP	baz=215	1.42 226 iP	Pb	07 36 00.5 -0.2
WTP	Chiayi baz=215	S	Sb	07 36 19.8 +1.3
PCYT	baz=215	1.42 13 eP	Pn	07 35 59.5 +0.8
PCYT	Pengchayiu baz=12	eP	Pn	07 35 57.8 -1.0
LONT	baz=204	1.43 203 eP	Pn	07 36 18.7 -0.1
LONT	Longtan baz=204	eS	Pb	07 36 01.6 -0.3
TWK	baz=219	1.49 230 i P	Pb	07 36 21.4 +0.9
TWK	Hsinying baz=219	eS	Sb	07 36 01.7 -0.4
WSF	baz=246	1.50 247 eP	Sb	07 36 21.7 +1.0
WSF	Szhu baz=246	eS	Sb	07 36 02.0 -0.3
SNST	baz=218	1.51 228 eP	Sb	07 36 22.1 +1.0
SNST	Tainan City baz=218	eS	Pb	07 36 01.9 -0.5
CHN1	baz=228	1.52 227 eP	Sb	07 36 21.8 +0.6
CHN1	Nanshi baz=228	eS	Sn	07 36 01.0 +0.8
TWG	baz=195	1.53 203 eP	Sb	07 36 01.1 -0.6
TWG	Pinlang baz=195	eS	Pn	07 35 58.9 -1.3
TWGT	baz=195	1.53 203 eP	Pn	07 35 58.7 -1.5
TWGT	Beinai baz=195	eS	Sn	07 36 20.4 +1.3
SGST	baz=213	1.56 223 i P	Pn	07 36 01.6 +1.1
SGST	Jiashian baz=213	eS	Sb	07 36 22.4 0.0
TTN	baz=201	1.57 200 eP	Sb	07 36 00.6 -0.1
TTN	Taitung baz=201	eP	Pn	07 35 59.9 -0.9
LDUT	baz=182	1.57 189 eP	Sb	07 36 22.1 -0.7
LDUT	Ludao baz=182	eS	Sb	07 36 03.3 -0.3
SLGT	baz=221	1.58 219 eP	Sb	07 36 25.1 +1.9
SLGT	Liugui baz=221	eS	Sb	07 36 02.7 -0.8
ICHU	baz=225	1.58 237 eP	Sb	07 36 23.4 +0.2
ICHU	Yijhu baz=225	eS	Sb	07 36 04.3 -0.2
CHN8	baz=226	1.65 238 eP	Pb	07 36 25.4 +0.5
CHN8	Yijhu baz=226	eS	Sb	07 36 05.7 +0.3
CHN3	baz=230	1.70 227 eP	Pb	07 36 08.8 +2.3
CHN3	Shihua baz=230	eP	Pb	07 36 06.0 -0.5
CHN3	baz=230	1.76 220 eP	Pb	07 36 29.6 +1.5
SCST	Cishan baz=223	eS	Sb	07 36 05.5 -1.0
SCST	baz=223	1.76 233 eP	Pb	07 36 28.3 +0.2
SCLT	baz=222	1.78 204 eP	Pn	07 36 03.2 -0.3
SCLT	Jiali baz=222	eS	Pb	07 36 06.0 -1.1
ECL	baz=195	1.79 214 eP	Pb	07 36 28.2 -0.9
ECL	Taimali baz=195	eP	Pb	07 36 28.2 -0.9
SSD	baz=205	1.82 213 eP	Pb	07 36 06.0 -1.1
SSD	Sammen baz=205	eS	Sb	07 36 28.2 -0.9
TSMG	baz=205	1.82 213 eP	Pb	07 36 06.0 -1.2
TSMG	Mejia baz=205	eS	Sb	07 36 29.0 -0.9
IRIF	baz=205	1.83 87 P	Pn	07 36 05.1 +0.8
IRIF	Iriomote-Funau baz=205	P	Sn	07 36 07.4 +1.0
TWMT	baz=222	1.85 221 eP	Pb	07 36 07.8 -0.1
TWMT	Shoushan baz=222	P	Pb	07 36 07.8 -0.1
MASBT	baz=217	1.90 212 eP	Pn	07 36 06.3 +1.1
MASBT	Mashibuluo baz=217	eS	Pb	07 36 32.2 -0.1
HATJ	baz=217	1.91 95 P	Pn	07 36 06.9 +1.6
HATJ	Hateruma jima baz=217	P	Sn	07 36 08.0 -0.9
SNJT	baz=226	1.95 221 eP	Sb	07 36 35.6 +2.0
SNJT	Kaoshing City baz=226	eS	Sb	07 36 06.5 -0.3
SNJT	baz=226	2.01 204 eP	Pn	07 36 09.1 +2.2
EAST	baz=197	2.02 202 eP	Pn	07 36 10.1 -1.3
EAST	Anshuo baz=197	eP	Pb	07 36 36.2 -0.1
SSPT	baz=218	2.04 212 eP	Pb	07 36 36.2 -0.1
SSPT	Xinbi baz=218	eS	Sb	07 36 09.2 +1.5
JKRS	baz=218	2.08 89 P	Sn	07 36 34.7 +2.0
JKRS	Kuro-shima baz=218	P	Sn	07 36 08.4 +0.6
PNG	baz=250	2.10 252 eP	Sb	07 36 38.3 +0.9
PNG	Penghu baz=250	eS	Sn	07 36 08.1 +0.1
PHUB	baz=249	2.10 250 eP	Pn	07 36 09.9 +1.7
PHUB	Peng-hu baz=249	eP	Pn	07 36 36.1 +2.6
SCZT	baz=214	2.12 209 eP	Pn	07 36 09.6 +1.3
SCZT	Fangliu baz=214	eS	Sn	07 36 08.7 -0.3
WDGT	baz=214	2.13 243 eP	Pn	07 36 11.4 +2.3
WDGT	Dungji baz=214	eP	Pn	07 36 39.0 -1.4
PTTC	baz=242	2.18 306 eP	Pn	07 36 08.8 -0.4
PTTC	Pingtang baz=242	eP	Pn	07 36 09.1 -0.3
SLIU	baz=200	2.18 203 eP	Pn	07 36 39.0 -1.4
SLIU	Shi baz=200	eS	Sb	07 36 08.8 -0.4
LVAY	baz=177	2.19 184 eP	Pn	07 36 09.1 -0.3
LVAY	Lan-yu baz=177	eP	Pn	07 36 09.9 +0.4
JJJ	baz=218	2.21 86 P	Pn	07 36 15.3 +0.5
JJJ	Ishigaki jima baz=218	P	Sn	07 36 11.3 +0.1
WLCH	baz=218	2.34 245 eP	Pn	07 36 12.5 +0.7
WLCH	Liuqiu baz=218	eP	Pn	07 36 41.0 +1.0
VCHM	baz=231	2.38 81 eP	Pn	07 36 14.3 +2.2
VCHM	Qimei baz=231	P	Sn	07 36 15.6 +3.0
JISG	baz=195	2.40 202 eP	Pn	07 36 13.9 +1.3
JISG	Ishigakijimahi baz=195	eS	Pn	07 36 12.3 -1.2
HEN	baz=195	2.43 201 eP	Pn	07 36 12.3 -1.2
HEN	Hengchun baz=195	eP	Pn	07 36 12.3 -1.2
TWK1	baz=193	2.43 200 eP	Pn	07 36 12.3 -1.2
TWK1	Hengchun baz=193	eP	Pn	07 36 12.3 -1.2
TWKBT	baz=193	2.43 200 eP	Pn	07 36 12.3 -1.2
TWKBT	Hengchun baz=193	eP	Pn	07 36 12.3 -1.2
MATB	baz=193	2.50 320 eP	Pn	07 36 12.3 -1.2
MATB	Ma-tsu baz=193	eP	Pn	07 36 12.3 -1.2

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PTMZ	baz=318	2.50 289 eP	Pn	07 36 13.1 -0.3
PTMZ	Houxiangcun baz=288	eP	Pn	07 36 18.2 +1.4
JTJ	baz=306	2.74 81 P	Sn	07 36 51.3 +2.4
JTJ	Tarama baz=306	eP	Sn	07 36 18.6 -0.5
LYJJ	baz=321	2.91 323 eP	Pn	07 36 19.4 -0.1
LYJJ	Jianjiangzhen baz=321	eP	Sn	07 36 52.1 -1.6
QZH	baz=90	2.94 285 Pn	Sn	07 36 22.4 +1.9
QZH	Quanzhou baz=90	Sm	Sm	07 36 21.1 0.0
QZH	comp=N,430nm,0.7s	Sm	Sm	07 36 20.7 -0.3
QZH	comp=N,430nm,0.7s	Sm	Sm	07 36 21.2 -0.1
KNM	baz=272			

Table with 4 columns: PPT, Papeete, NVAR, Mina Array Bea. Includes station names, frequencies, and coordinates.

IDC 12 08:19:27.6:1.1, 33.88N:73.75E, h0km, mb3.7/9, mb1 3.4/3, mb1mx3.6/6.1, mbtmp3.7/13, ML3.4/4, Error ellipse: s-maj=28.4km s-min=21.1km az=70.0

NDI 12 08:19:34.2:3.1, 34.74N:74.97E, h15km, 702km, ML3.6 ISC 12 08:19:33.6:0.7, 34.00N:0.07:73.6E:0.1, h35km, n20, c19:92:26, mb3.7/8, Pakistan

Main table for the first section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JMMU, THN, DHARMASHALA, etc.

SJA 12 08:34:01.9:0.6, 22.68S:66.04W, h278km, 4km, ML4.0, MW3.8

IDC 12 08:34:02.9:1.9, 22.56S:65.99W, h242km, 19km, mb3.3/3, mb1 3.4/6, mb1mx3.2/2.5, mbtmp3.6/6, Error ellipse: s-maj=33.5km s-min=18.8km az=121.0

ISC 12 08:34:03.0:0.9, 22.55S:0.07:66.16W:0.06, h251km, n21, c19:74:32, mb3.8/3, Jujuy Province

Main table for the second section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like YJA, LVC, IROC Station P, etc.

IDC 12 08:49:54.7:5.4, 3.35S:127.61E, h115km, 62km, mb3.0/2, mb1 3.4/5, mb1mx3.1/4.9, mbtmp3.7/5, MS2.8/1, Ms1 2.8/1, ms1mx2.1/1.6, Error ellipse: s-maj=55.9km s-min=20.3km az=93.0, Seram

Main table for the third section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SJI, WRA, ASAR, GUMO, MKAR, etc.

IDC 12 08:53:30.0:3.5, 7.55S:149.15E, h94km, 18km, mb3.6/3, mb1 3.9/6, mb1mx3.5/4.0, mbtmp4.1/6, MS2.8/4, Ms1 2.8/4, ms1mx2.5/3.1, Error ellipse: s-maj=55.3km s-min=18.4km az=115.0

ISC 12 08:53:21.9:2.2, 7.55S:0.2:149.6E:0.3, h35km, n9, c39:10/9, mb4.0/3, New Britain region

Small table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SJI, WRA, ASAR, GUMO, MKAR, etc.

Table with 4 columns: PMG, Port Moresby, PMG, Jayapura, WRA, Warramunga Arr, SJI, Sorong, ASAR, Alice Springs, ASAR, Fitzroy Crossi, FITZ, Talaya, MKAR, Torodi Ar. Bea, TORD. Includes station names, frequencies, and coordinates.

MOS 12 08:55:00.4:1.1, 49.11N:155.96E, h18km, mb4.5/10, Error ellipse: s-maj=13.5km s-min=4.1km az=75.6

KRSC 12 08:55:05.3:2.8, 49.40N:156.85E, h16km, 36km, ML4.8 NEIC 12 08:55:07.6:1.1, 49.5N:0.1:155.5E:0.2, h64km, 6km, mb4.5/26, Error ellipse: s-maj=20.5km s-min=11.3km az=133.0

IDC 12 08:55:08.3:2.4, 49.44N:155.61E, h72km, 21km, mb3.7/15, mb1 3.9/21, mb1mx3.8/4.8, mbtmp4.0/21, MS3.2/10, Ms1 3.2/10, ms1mx3.0/5.3, Error ellipse: s-maj=20.3km s-min=11.5km az=142.0

ISC 12 08:55:06.4:0.6, 49.34N:0.07:155.75E:0.06, h54km, n149, c19:40:155, mb4.2/34, MSZ.27, 6C+4D, Kuril Islands

Main table for the fourth section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SKR, Severo-Kuril's, SKR, Severo-Kuril's, SKR, Severo-Kuril's, etc.

PETK Petropavlovsk 1.8, 45.3, 195, slow=43

Main table for the fifth section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PETK, Petropavlovsk, PET, Petropavlovsk, etc.

YSS Yuzh-Sakhalins 9.01 260 Pn Pn 08 57 13.7 0.0

JKA Kamikawa-asahi 10.62 245 Pn Pn 08 57 35.8 +2.8

ASAJ Asahikawa 10.65 346 P P 08 57 36.3 +0.2

MA2 12 08:53:30.0:3.5, 7.55S:149.15E, h94km, 18km, mb3.6/3, mb1 3.9/6, mb1mx3.5/4.0, mbtmp4.1/6, MS2.8/4, Ms1 2.8/4, ms1mx2.5/3.1, Error ellipse: s-maj=55.3km s-min=18.4km az=115.0

Main table for the sixth section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ERM, Erimo, SEY, Seymchan, KLR, Kul'dur, KLR, Kul'dur, etc.

USA0B Ussuriysk Arr 17.04 2611 eP Pn 08 59 02.3 +1.6

Small table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like USA0B, MJAR, MDJ, etc.

Table with 4 columns: JGF, Kuroka, YAK, Yakutsk, INU, Inuyama, INU, Inuyama, KSRS, Korea Arr, JUNU, Nakatsue, TNA, Tin City, ANM, Nome, ANM, Nome. Includes station names, frequencies, and coordinates.

H11S1 WAKE ISLAND HY 32.00 160 T T 09 35 36.0

H11S3 WAKE ISLAND HY 32.00 160 T T 09 35 32.6

H11S2 WAKE ISLAND HY 32.00 160 T T 09 35 24.9

COLD Coldfoot 32.20 36 P Iamb Iamb 09 01 29.3

SJNM Songino Array 32.22 286 LR LR 09 14 33.1

NJ2 Nanjing 32.47 252 eP Pmax Pmax 09 01 31.3 -0.1

RND Reindeer 32.58 43 P Pmax Pmax 09 01 31.6 -0.6

RND Reindeer 32.58 43 P Iamb Iamb 09 01 31.6 -0.6

TOLK Toolik Lake Re 32.61 34 P Iamb Iamb 09 01 32.3 -0.1

TLY Talaya 32.64 294 LR LR 09 14 38.5

TLY Talaya 32.64 294I eP Pmax Pmax 09 01 34.9 +2.1

SML Sawmill 32.89 46 P P P 09 01 34.8 -0.1

COLA College 33.01 41I dP Pmax Pmax 09 01 36.2 +0.3

CCB Clear Creek Bu 33.03 41 P Iamb Iamb 09 01 36.0 -0.1

CCB Clear Creek Bu 33.03 41 P Iamb Iamb 09 01 36.7

HDA Harding Lake 33.41 42 P Iamb Iamb 09 01 39.2 -0.1

ILAR Elision Array 33.43 41 P Pmax Pmax 09 01 39.0 -0.5

PRP Porcupine Dome 33.99 40 P P P 09 01 44.6 0.0

BBM Burnt Mountain 34.38 36 P P P 09 01 48.3 +0.5

N25K Chitina, Valde 34.68 46 P P P 09 01 50.7 +0.2

BCAR Beaver Creek A 35.80 44 P P P 09 02 00.4 -0.3

EGAK Eagle 35.88 41 Iamb Iamb 09 02 00.7

INK Inuvik 38.51 34 P Pmax Pmax 09 02 22.6 -0.2

INK Inuvik 38.51 34 Pmax Pmax 09 02 23.4 +0.5

INK Inuvik 38.51 34 P Iamb Iamb 09 02 23.4 +0.5

C36M Paulatuk 41.69 32 P Iamb Iamb 09 02 45.9 +0.4

DLBC Dease Lake 42.54 48 P Iamb Iamb 09 02 57.6 +1.3

DLBC Dease Lake 42.54 48 P Iamb Iamb 09 03 16.2

ZALV Zalesovo Beam 42.57 304 P P 09 02 53.7 -2.8

ZALV Zalesovo Beam 42.57 304 P P 09 04 46.8 -1.1

ZALV Zalesovo Beam 42.57 304 P P 09 02 29.5

WMQ Urumqi 45.66 290 P P 09 03 22.5 +1.0

EUNU Elunui 46.23 12 P P 09 02 30.0 -2.6

MKAR Makanchi Array 47.35 296 P P 09 03 32.6 -1.9

MKAR Makanchi Array 47.35 296 P P 09 05 03.5 -1.1

KURK Kurchatov 47.43 303I P Pmax Pmax 09 03 33.5 -1.6

YKA Yellowknife Arr 47.79 39 P P 09 03 38.0 +0.2

YKA Yellowknife Arr 47.79 39 P P 09 03 38.0 +0.2

BRVK Borovoye 50.63 309 P Pmax Pmax 09 03 57.8 -1.8

BRVK Borovoye 50.63 309 P P 09 03 57.8 -1.8

ARU Aru 54.30 317I dP Pmax Pmax 09 04 24.5 -2.2

ARU Aru 54.30 317I dP Pmax Pmax 09 11 59.5 -0.6

ARU Aru 54.30 317 P P 09 04 25.1 -1.6

Small table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CMAR, ABKAR, etc.

12d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, MODS Modra-Piesok, etc.

KRNET 12 09:31:58.9.0.1, 39:07N:70:81E, mb3.3
NNC 12 09:31:59.6.4.2, 38:98N:70:57E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=41.0km s-min=22.3km az=166.0

Main table for 12d 9h section, listing station codes, names, coordinates, and observation times.

IDC 12 09:36:12.0.1.3, 24:91N:123:55E, h0km, mb3.4/4,
mb1.3.6/4, mb1mx3.3/63, mbtmp3.4/4, Error ellipse:
s-maj=92.8km s-min=26.2km az=78.0

Table for 12d 9h section, listing station codes, names, coordinates, and observation times.

IDC 12 09:39:21.5.1.5, 11:56S:162:18E, h0km, mb3.8/5,
mb1.3.9/7, mb1mx3.7/63, mbtmp3.9/7, ML3.5/2, MS3.2/5,
Ms1.3/1.5, ms1mx2.7/34, Error ellipse: s-maj=35.0km
s-min=27.6km az=77.0

Table for 12d 9h section, listing station codes, names, coordinates, and observation times.

2015 FEB

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

IDC 12 09:45:34.8.1.2, 37:82N:142:54E, h0km, mb3.4/6,
mb1.3.8/9, mb1mx3.4/65, mbtmp3.5/9, ML3.4/3, Error
ellipse: s-maj=30.9km s-min=21.1km az=114.0

Main table for 2015 FEB section, listing station codes, names, coordinates, and observation times.

KRNET 12 09:50:19.8.0.1, 41:10N:76:05E, h16km, mb2.6
NMC 12 09:50:19.1.4, 41:03N:76:05E, h10km
NNC 12 09:50:20.7.1.3, 41:07N:76:12E, h0km, mb3.6, mpv3.3,
Error ellipse: s-maj=8.6km s-min=5.6km az=173.0

KNET 12 09:50:22.0.4.1, 41:22N:76:10E, h0km, ml2.2, Error
ellipse: s-maj=3.8km s-min=2.0km az=118.0

Main table for 2015 FEB section, listing station codes, names, coordinates, and observation times.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANVS baz=35, AML Almayashu, etc.

IDC 12 09:50:27.1.40.5, 176:4E:170, h15km, 3km, M1.2/6,
ML1.5/6, MLV1.2/6, Error ellipse: s-maj=0.0km
s-min=0.0km az=23.0, North Island

Main table for 536 section, listing station codes, names, coordinates, and observation times.

WEL 12 09:50:31.3, 39'S:2:173'E, h11km, 2km, M1.9/7, ML2.0/7,
ML1.9/7, Error ellipse: s-maj=0.0km s-min=0.0km
az=174.1, Off west coast of North Island

Table for 536 section, listing station codes, names, coordinates, and observation times.

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Table with columns: PKE, NEZ, PREZ, etc. Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, etc.

IDC 12 09:56:30.8.2.6, 10.415N x 122.766E, h0km, mb3.4/1, mb1 3.3/3, mb1tm3.2/31, mbtm3.1/3, ML3.1/2, Error ellipse: s-maj=221.0km s-min=34.9km az=52.0, Savu Sea

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

UPP 12 10:00:04.3.3.0, 64.58N x 31.31E, h0km, ML1.7, Suspected explosion
HEL 12 10:00:07.1.0.1, 64.76N x 30.63E, h0km, ML2.0, Explosion
KOLA 12 10:00:07.5.64.78N x 30.24E, h0km, ML2.4, Karelia, Finland, Oulu area

IDC 12 10:00:08.3.2.5, 64.75N x 30.88E, h0km, mb1 3.0/3, mb1mx2.9/43, mbtm2.9/3, ML2.0/3, Error ellipse: s-maj=38.4km s-min=9.0km az=101.0

ISC 12 10:00:05.6.1.0, 64.87N x 0.023123E, 0.05, h0km, n38, r142/57, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUB6, MSF, MSF, etc.

OBFO OBFO SUM SUF
comp=Z, 2.6nm, 0.2s
Syoalatti, Pyha 3.03 266 PG Sn Pn 10 00 54.7 0.0

SUF TOF
comp=Z, 5.5nm, 0.2s
Tornio 3.13 296 MSG SG Sn Pn 10 01 34.9 +1.0

TOF SGF
comp=Z, 5.4nm, 0.2s
Sodankyl 3.21 326 PN Sn Pn 10 01 34.9 +0.8

KAF KAF
Keuruu 3.93 229 PB Sn Pn 10 01 07.9 +0.8

PAJU PAJU
Pajala 3.97 307 P Sn Pn 10 01 07.9 +0.3

ERTU ERTU
Ertisjaerv 4.10 298 P Sn Pn 10 01 10.6 +1.1

ERTU ERTU
Sjtsjemark 4.11 288 PB Sn Pn 10 02 09.4 +0.8

FIAO FIAO
FINES Array S 4.15 217 PN Sn Pn 10 01 10.3 +0.1

FIAO FIAO
FINES Array B 4.15 217 PG Sn Pn 10 02 09.7 -0.5

FINES FINES
comp=Z, 0.1nm, 0.3s, baz=36, slow=13, SNR=5.9
Pc Pg Pb 10 01 18.8 -0.7

FINES FINES
comp=Z, 0.3nm, 0.3s, baz=30, slow=15, SNR=11
Lg Lg 10 02 10.9

VAF VAF
Vlistaro 4.19 248 PB Sn Pn 10 01 13.8 +3.1

BURU BURU
Burvik 4.24 271 P Sn Pn 10 01 09.8 -1.5

BURU BURU
Harads 4.46 292 P Sn Pn 10 02 11.8 -0.6

STANF STANF
Stanfors 4.55 269 P Sn Pn 10 01 14.9 +0.2

MASU MASU
Masugnshbyn 4.56 309 P Sn Pn 10 01 17.2 +1.4

VJF VJF
Virojoki 4.66 203 SG Sn Pn 10 02 06.7 +2.0

UMAU UMAU
Umeaa 4.69 263 SG Sn Pn 10 02 26.0 +0.5

LILU LILU
Lilltraesk 4.83 280 P Sn Pn 10 01 19.4 -0.2

DIHU DIHU
Dundret 4.91 302 P Sn Pn 10 01 20.7 +0.2

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Table with columns: LFRS, LFRS, LBRS, etc. Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like El Faro, Las Brisas, Esquipulas, etc.

COEG COEG
Centro de Oper 1.40 89 eP Sn Pn 10 02 47.5 -1.0

POSS POSS
Presas 15 de Se 1.71 89 eP Sn Pn 10 02 51.4 -1.3

PACA PACA
Pacayal 1.95 94 eP Sn Pn 10 02 56.6 +0.5

IDC 12 10:29:45.6.0.8, 6.69S; 108.20E, h158km, 13km, mb3.5/5, mb1 3.8/6, mb1mx3.2/51, mbtm2.4/26, MS3.4/1, M1 3.4/1, ms1mx2.4/32, Error ellipse: s-maj=65.0km s-min=17.5km az=44.0

DJA 12 10:29:45.8.0.4, 7.5S; 10.8E, h150km, 4km, M4.2/12, mb5.5/2, mb4.6/3, MLv4.0/12, Mw(m)5.0/2

ISC 12 09:25:45.8.0.9, 7.45S; 0.21078E, 0.1, h150km, n17, r090/19, mb3.8/4, Jawa

CISI CISI
Cisompet, Garu 0.11 186 P Sn Pn 10 30 07.2 +1.2

LEM LEM
Lembang 0.65 341 P Sn Pn 10 30 09.2 +1.0

LEM LEM
Lembang 0.65 341 P Sn Pn 10 30 09.0 +0.8

DBJ DBJ
Dragama 1.39 309 P Sn Pn 10 30 25.5 +0.3

UGM UGM
Wanagama 2.71 100 P Sn Pn 10 30 29.9 +0.3

KASI KASI
Kota Agung 3.82 300 P Sn Pn 10 30 44.2 +0.5

KLSI KLSI
Maura Dua 4.12 311 P Sn Pn 10 30 47.3 -0.4

MDSI MDSI
Manna 4.67 309 P Sn Pn 10 30 55.0 +0.1

MNAI MNAI
Manna 5.73 302 P Sn Pn 10 31 08.0 -1.0

SRBI SRBI
Singaraja 7.35 95 P Sn Pn 10 31 30.5 0.0

BATI BATI
Baumata 15.89 101 P Sn Pn 10 33 20.2 -1.1

FITZ FITZ
Fitroy Grossi 20.32 123 P Sn Pn 10 34 10.9 +0.6

WRA WRA
Wanagama Arr 28.54 118 P Sn Pn 10 35 27.1 -0.6

WRA WRA
Wanagama Arr 28.54 118 P Sn Pn 10 35 27.1 -0.6

ASAR ASAR
Alice Springs 29.77 126 P Sn Pn 10 35 38.6 +0.2

ASAR ASAR
Alice Springs 29.77 126 P Sn Pn 10 35 38.6 +0.2

STKA STKA
Stephens Creek 39.74 132 P Sn Pn 10 37 04.3 +0.4

MKAR MKAR
Makanchi Array 58.58 340 P Sn Pn 10 39 21.7 -5.1

TLY TLY
Talya 59.00 357 I LR LR 11 06 08.0

DDA 12 10:34:49.7, 37.21N x 30.45E, h98km, 1km, ML1.8

ISK 12 10:34:49.1, 37.10N x 30.36E, h106km, ML2.4/6

ISC 12 10:34:50.2, 1.8, 37.13N x 0.073040E, 0.04, h101km, 10km, n19, r074/34, Turkey

KORT KORT
Korkueili 0.13 195 PG Sn Pn 10 35 04.3 -0.2

KORT KORT
Korkueili 0.13 195 PG Sn Pn 10 35 04.3 -0.2

Table with columns: BVA3, I46RU, ZALV, etc. Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Zalesovo Beam, Makanchi Array, etc.

TAP 12 11:39:29.7, 24.71N x 121.73E, h56km, ML3.6, A, Taiwan

TWE TWE
Neicheng 0.06 283 iP Sn Pn 11 39 38.6 +0.4

TWE TWE
Neicheng 0.06 283 iP Sn Pn 11 39 38.6 +0.4

NDS NDS
Nanshan 0.08 187 P Sn Pn 11 39 38.4 +0.1

NDS NDS
Nanshan 0.08 187 P Sn Pn 11 39 38.4 +0.1

TWC TWC
Wanagang 0.15 132 eP Sn Pn 11 39 38.5 0.0

TWC TWC
Wanagang 0.15 132 eP Sn Pn 11 39 38.5 0.0

ENTT ENT
Nioudou 0.16 245 P Sn Pn 11 39 39.0 +0.5

ENTT ENT
Nioudou 0.16 245 P Sn Pn 11 39 39.0 +0.5

NTC NTC
Toucheng 0.17 33 eP Sn Pn 11 39 39.0 +0.4

NTC NTC
Toucheng 0.17 33 eP Sn Pn 11 39 39.0 +0.4

NWLT NWLT
Wulai 0.21 289 eP Sn Pn 11 39 39.0 +0.1

NWLT NWLT
Wulai 0.21 289 eP Sn Pn 11 39 39.0 +0.1

NDT NDT
Datong Townshi 0.22 241 P Sn Pn 11 39 39.4 +0.5

NDT NDT
Datong Townshi 0.22 241 P Sn Pn 11 39 39.4 +0.5

TIPB TIPB
Shuangxi 0.28 19 P Sn Pn 11 39 39.7 +0.4

TIPB TIPB
Shuangxi 0.28 19 P Sn Pn 11 39 39.7 +0.4

ENA ENA
Nanau 0.28 177 P Sn Pn 11 39 39.4 +0.1

ENA ENA
Nanau 0.28 177 P Sn Pn 11 39 39.4 +0.1

TWA TWA
Mucha 0.30 334 eP Sn Pn 11 39 39.8 +0.3

TWA TWA
Mucha 0.30 334 eP Sn Pn 11 39 39.8 +0.3

NHDD NHDD
Xindian Distri 0.31 324 P Sn Pn 11 39 39.8 +0.3

NHDD NHDD
Xindian Distri 0.31 324 P Sn Pn 11 39 39.8 +0.3

NSK NSK
Sanguang 0.34 264 P Sn Pn 11 39 40.0 +0.2

NSK NSK
Sanguang 0.34 264 P Sn Pn 11 39 40.0 +0.2

TATO TATO
Taipei 0.34 321 eP Sn Pn 11 39 40.1 +0.3

TATO TATO
Taipei 0.34 321 eP Sn Pn 11 39 40.1 +0.3

NWF NWF
Wu-fen Shan 0.36 8 P Sn Pn 11 39 40.5 +0.4

12d 12h

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

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EL Chinero, Valle De La Tr, San Pedro Mart, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DGS Degeres, ARSB Arslanbob, CHMS Chumysh, etc.

ECX 12 11:57:31.4.0.6,31.43N:115.34W,h5km,3km,MD2.0,

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

Table with columns: ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like IPOC Station P, LVC Limon Verde, and various other locations.

Table with columns: ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Aquidauana, SAMUEL, Ponte de Pedra, and various other locations.

Table with columns: ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like BTK, TRKS Terek-Say, BRLS Borolady, and various other locations.

BJI	Beijing	70.31	321	P	P	13 51 23.3	+0.6
BJI				ScS	ScS	14 01 03.7	-1.1
BJI				pmax	pmax		
comp-Z,11nm,0.6s							
XAN	Xian	71.94	312	P	P	13 51 33.2	+0.6
XAN				pP	pP	13 52 20.2	-2.2
comp-Z,100nm,3.8s				pmax	pmax		
XAN				LR	LR		
comp-Z,18nm,0.8s				LR	LR		
XAN				LR	LR		
comp-Z,140nm,15.2s				LR	LR		
XAN				LR	LR		
comp-Z,130nm,15.2s				LR	LR		
XAN				LR	LR		
comp-Z,200nm,17.4s				LR	LR		
SUKH	Sukhothai	72.81	293	P	P	13 51 39.5	+1.4
CM04	Chiang Mai Arr	73.77	294	P	P	13 51 44.7	+1.4
CM09	Chiang Mai Arr	73.77	294	P	P	13 51 45.1	+1.8
CM01	Chiang Mai Arr	73.72	294	P	P	13 51 44.9	+1.5
CM05	Chiang Mai Arr	73.73	293	P	P	13 51 44.9	+1.4
CM02	Chiang Mai Arr	73.74	294	P	P	13 51 45.0	+1.5
CM31	Chiang Mai Arr	73.75	294	P	P	13 51 45.0	+1.4
CMAR	Chiang Mai Arr	73.75	294	P	P	13 51 44.2	+0.7
comp-Z,9.1nm,0.9s,baz=121,slow=4,SNR=36				pP	pP	13 52 32.3	-0.3
CM15	Chiang Mai Arr	73.77	294	P	P	13 51 45.0	+1.4
CM13	Chiang Mai Arr	73.77	294	P	P	13 51 45.0	+1.4
CM17	Chiang Mai Arr	73.86	294	P	P	13 51 46.0	+1.6
CM32	Chiang Mai Arr	73.90	294	P	P	13 51 47.8	+0.7
CD2	Chengdu	74.39	307	J/P	S	14 01 03.2	-0.7
CD2				pmax	pmax		
comp-Z,20nm,0.7s				pmax	pmax		
CD2				pmax	pmax		
comp-Z,90nm,6.6s				pmax	pmax		
LZH	Lanzhou	76.57	312	eP	P	13 52 01.1	+1.6
LZH				pP	pP	13 52 47.5	-2.8
LZH				pmax	pmax		
comp-Z,30nm,1.2s				pmax	pmax		
LZH				pmax	pmax		
comp-Z,160nm,6.0s				pmax	pmax		
QSPA	South Pole Qui	77.55	180	P	P	13 52 05.5	+1.1
QSPA				IAMB	IAMB	13 52 06.4	
comp-Z,18nm,0.8s				IAMB	IAMB		
GAMB	Gambell	77.76	10	P	P	13 52 05.9	+0.7
GAMB				IAMB	IAMB	13 52 06.7	
comp-Z,26nm,0.9s				IAMB	IAMB		
RSO	Redoubt South	79.46	19	P	P	13 52 14.7	-0.2
ANM	Nome	79.62	12	P	P	13 52 16.4	+1.0
TNA	Tin City	80.04	10	P	P	13 52 17.5	-0.1
ULN	Ulanbaatar	80.13	324	P	P	13 52 18.9	+0.1
CAPN	Captain Cook N	80.21	19	P	P	13 52 19.5	+0.9
TTA	Tatalina	80.44	16	P	P	13 52 20.4	+0.5
O22K	Cooper Landing	80.47	20	P	P	13 52 20.0	+0.1
O22K				pmax	pmax		
comp-Z,223				pmax	pmax		
O22K	Cooper Landing	80.47	20	P	P	13 52 20.2	+0.2
SONM	Songino Array	80.50	323	P	P	13 52 21.0	+0.4
comp-Z,1.5nm,0.3s,baz=133,slow=5.5,SNR=20				PKKPbc	PKKPbc	14 11 00.2	-2.6
SONM				PKKPbc	PKKPbc		
comp-Z,0.5nm,0.8s,baz=59,slow=3.8,SNR=4.8				PKKPbc	PKKPbc		
SONM	Songino Array	80.50	323	P	P	13 52 21.1	+0.5
SUA	Susitna One	80.86	19	P	P	13 52 21.9	-0.3
SUA				IAMB	IAMB	13 52 25.3	
comp-Z,24nm,1.1s				IAMB	IAMB		
GTA	Gaotai	80.88	314	P	P	13 52 24.0	+1.1
GTA				pP	pP	13 53 13.3	-0.7
GTA				pmax	pmax	13 53 35.1	-1.9
comp-Z,11nm,1.1s				pmax	pmax		
GTA				pmax	pmax		
comp-Z,110nm,5.5s				pmax	pmax		
GTA				LR	LR		
comp-Z,170nm,18.5s				LR	LR		
GTA				LR	LR		
comp-Z,290nm,18.5s				LR	LR		
GTA				LR	LR		
comp-Z,230nm,18.9s				LR	LR		
Q23K	Middleton Isla	80.91	22	P	P	13 52 22.2	-0.1
RQ01	Rabbit Creek A	80.92	20	P	P	13 52 22.6	+0.2
SKT	Skwentna	81.01	18	P	P	13 52 22.8	0.0
PMR	Palmer	81.48	20	IAMB	IAMB	13 52 27.7	
comp-Z,19nm,0.7s				IAMB	IAMB		
PPLA	Peakeville	81.51	18	P	P	13 52 25.7	+0.1
KNK	Knik Glacier	81.58	20	IAMB	IAMB	13 52 26.6	
GHO	Glory Hole Cr	81.68	20	IAMB	IAMB	13 52 28.1	
comp-Z,19nm,0.8s				IAMB	IAMB		
CUT	Chulitna	81.72	19	P	P	13 52 26.2	-0.3
SML	Sawmill	81.90	20	IAMB	IAMB	13 52 28.3	
comp-Z,17nm,0.6s				IAMB	IAMB		
KTH	Kantishna Hill	82.38	18	IAMB	IAMB	13 52 31.0	
TRF	Thorofore Moun	82.49	18	IAMB	IAMB	13 52 32.2	
KLU	Klutina	82.49	21	IAMB	IAMB	13 52 32.8	
comp-Z,27nm,1.1s				IAMB	IAMB		
M24K	Tolsona, Glenn	82.83	20	P	P	13 52 33.2	+0.8
RND	Reindeer	82.90	18	P	P	13 52 32.9	+0.2
CROM	Cirque	82.99	22	P	P	13 52 33.6	+0.2
comp-Z,36nm,1.1s				IAMB	IAMB	13 52 34.7	
N25K	Chitina, Valde	83.03	21	P	P	13 52 34.0	+0.5
N25K				IAMB	IAMB	13 52 34.9	
TGL	Tana Glacier	83.11	22	IAMB	IAMB	13 52 35.2	
comp-Z,38nm,0.9s				IAMB	IAMB		
MCK	McKinley	83.11	18	P	P	13 52 33.4	-0.3
RDG	Red Dog Mine	83.18	11	IAMB	IAMB	13 52 35.9	
VRDI	Verde Repeater	83.19	22	IAMB	IAMB	13 52 35.0	
GLB	Gilahina Butte	83.20	22	IAMB	IAMB	13 52 36.2	
O02D	Mt. Diablo Mer	83.40	47	P	P	13 52 37.0	+1.1
BALM	Baldy	83.47	22	P	P	13 52 35.9	+0.2
comp-Z,248,SNR=16				IAMB	IAMB		
IMAR	Indian Mountain	83.47	15	P	P	13 52 36.6	+1.1
MLY	Manley	83.55	17	P	P	13 52 35.8	-0.2
comp-Z,221,SNR=10				IAMB	IAMB		
L02E	Cave Junction	83.60	44	P	P	13 52 37.4	+0.6
NEA2	Nearna	83.70	18	P	P	13 52 36.1	-0.6
SMMC	Simmler	83.72	52	P	P	13 52 37.2	-0.4
BARN	Barnard Glacie	83.74	22	P	P	13 52 37.8	+0.5
comp-Z,28nm,0.8s				IAMB	IAMB	13 52 38.6	
N02D	Trinity Center	83.77	46	P	P	13 52 38.8	+1.1
K02D	Williamette Mer	83.77	44	P	P	13 52 38.5	+0.8
comp-Z,248,SNR=7.9				IAMB	IAMB		
J01E	Myrtle Point	83.77	43	P	P	13 52 37.9	+0.4
CTGM	Chitina Glacie	83.80	23	IAMB	IAMB	13 52 38.8	
comp-Z,27nm,0.7s				IAMB	IAMB		
M02C	Callahan	83.82	45	P	P	13 52 39.2	+1.2
WRH	Wood River Hill	83.90	18	P	P	13 52 37.5	-0.2
I23K	Minto, Yukon-K	84.03	17	P	P	13 52 37.9	-0.4
I23K	Minto, Yukon-K	84.03	17	P	P	13 52 38.0	-0.2
YBH	Yreka Blue Hor	84.05	45	IAMB	IAMB	13 52 41.2	
O03E	Paynes Creek	84.15	47	P	P	13 52 39.9	+0.3
comp-Z,17nm,0.9s				IAMB	IAMB		
HDA	Harding Lake	84.21	18	P	P	13 52 39.3	0.0
HDA				IAMB	IAMB		
comp-Z,225,SNR=85				IAMB	IAMB		
HDA	Harding Lake	84.21	18	P	P	13 52 39.5	+0.2
MDM	Murphy Dome	84.22	18	P	P	13 52 38.9	-0.4
MENT	Mentasta	84.24	20	P	P	13 52 38.9	+0.3
MENT				IAMB	IAMB	13 52 41.0	
comp-Z,13nm,0.7s				IAMB	IAMB		
TCOL	CIGO, UAF Yank	84.26	18	P	P	13 52 39.1	-0.4

COLA	College	84.27	18	P	P	13 52 39.2	-0.2
I03D	Drain, OR	84.37	43	P	P	13 52 40.8	+0.3
ILAR	Elison Array	84.48	18	P	P	13 52 40.4	-0.3
comp-Z,42nm,0.6s,baz=247,slow=5.1,SNR=574				PKKPbc	PKKPbc	14 10 49.5	+3.8
ILAR	Elison Array	84.48	18	P	P	13 52 40.5	-0.2
L04D	Klamath Falls	84.51	45	P	P	13 52 42.1	+0.6
FMP	Fort Macarthur	84.52	54	P	P	13 52 41.9	+0.4
POKR	Poker Plat Res	84.56	18	P	P	13 52 40.5	-0.6
DOT	Dot Lake	84.60	20	IAMB	IAMB	13 52 42.5	
M04C	Macdoel	84.67	45	P	P	13 52 43.0	+0.7
comp-Z,21nm,0.7s				IAMB	IAMB		
SCRK	Sand Creek	84.85	20	P	P	13 52 42.7	+0.1
BCAR	Beaver Creek A	84.99	21	P	P	13 52 43.5	+0.2
ISA	Isabella, Lake	85.01	52	P	P	13 52 44.0	0.0
G03D	McMinville, O	85.02	42	P	P	13 52 44.3	+0.5
BEKR	Beckworth	85.03	48	P	P	13 52 44.6	+0.4
J04D	Uncomp Nationa	85.03	44	P	P	13 52 44.3	+0.2
comp-Z,248,SNR=8.8				IAMB	IAMB		
I04A	Tendick Farm,	85.04	43	P	P	13 52 44.1	+0.2
H04D	Lebanon	85.10	43	P	P	13 52 44.5	+0.4
EDW2	Edwards Air Fo	85.13	53	P	P	13 52 45.0	+0.3
HYT	Haines Junctio	85.19	24	P	P	13 52 44.3	-0.2
HYT				IAMB	IAMB	13 52 45.6	
COLD	Coldfoot	85.34	15	P	P	13 52 45.9	+1.0
COLD				IAMB	IAMB		
comp-Z,13nm,0.8s				IAMB	IAMB		
COLD				IAMB	IAMB		
comp-Z,15nm,0.9s				IAMB	IAMB		
MLAC	Mammoth, Mammo	85.38	50	P	P	13 52 46.0	-0.1
LRCM	Laurel Mtn Rd	85.56	52	P	P	13 52 46.9	0.0
CWC	Cottonwood Cre	85.56	51	P	P	13 52 46.7	-0.2
J05D	Fort Rock, OR	85.64	44	P	P	13 52 47.9	+0.8
K05A	Sunier Lake	85.67	45	IAMB	IAMB	13 52 48.7	
MONP2	Monument Peak	85.75	55	P	P	13 52 48.2	+0.3
LHV	Huntton	85.83	50	P	P	13 52 47.8	-0.1
MPMC	Manual Prospec	85.89	52	P	P	13 52 49.0	+0.4
TPFO	Pinon Flats	85.94	54	P	P	13 52 48.3	-0.5
I05D	Terrebonne, OR	85.96	43	P	P	13 52 49.1	+0.6
E04D	Cinebar	85.99	41	P	P	13 52 49.0	+0.5
PINE	Pine Mountain	86.02	44	IAMB	IAMB	13 52 50.9	
D03D	Eldon	86.04	40	P	P	13 52 49.2	+0.4
NVAR	Mina Array Ba	86.04	49	P	P	13 52 49.5	+0.2
comp-Z,4.7nm,0.9s,baz=233,slow=8.6,SNR=25				pmax	pmax	13 53 42.1	+1.1
NVAR				pmax	pmax		
comp-Z,3.6nm,0.8s,baz=234,slow=7.2,SNR=10				pmax	pmax		
NVAR	Mina Array Ba	86.04	49	P	P	13 52 49.9	+0.7
D04E	Lakebay	86.10	40	P	P	13 52 49.5	+0.5
GSC	Goldstone, Bar	86.19	53	P	P	13 52 49.7	-0.2
G05D	Wamic, OR	86.30	42	P	P	13 52 50.3	+0.2
TAPN	Taplejung	86.31	299	eP	P	13 52 51.0	+0.1
BELC	Belle Mtn. Jos	86.42	54	P	P	13 52 51.7	+0.6
F05D	White Salmon	86.45	42	P	P	13 52 51.2	+0.5
ODAN	Odare	86.45	298	eP	P	13 52 51.8	+0.3
FURC	Furcace Creek,	86.50	52	P	P	13	

Y49A	comp=Z,9um,19.0s	22.66	46	I	Amb	I	Amb	15 55 55.8
CCM	Cathedral Cave	22.69	31	P	P			15 55 55.1 -1.8
CCM	Cathedral Cave	22.69	31	P	P			15 55 54.5 -2.4
CCM	comp=Z,88nm,0.8s							
CCM	comp=Z,8um,22.0s							
CCM	Cathedral Cave	22.69	31	P	P			15 55 54.5 -2.4
CCM	comp=Z,88nm,0.8s							
CCM	Cathedral Cave	22.69	31	P	P			15 55 54.5 -2.4
YERR	Yerington	22.84	332	I	Amb	I	Amb	16 05 08.0
ELK	Elko	22.90	342	P	P			15 56 00.5 +1.1
ELK	comp=Z,6.5nm,0.7s,baz=165,slow=7.5,SNR=28							16 04 26.1
P38A	Dawn	22.96	25	I	Amb	I	Amb	16 04 41.4
FVM	French Village	23.04	33	I	Amb	I	Amb	15 56 04.9
FVM	comp=Z,57nm,0.8s							16 05 31.3
BGNE	Belgrade	23.08	15	P	P			15 56 00.5 -0.5
BGNE	Belgrade	23.08	15	I	Amb	I	Amb	16 05 26.1
PNTR	Pine Nut	23.09	332	P	P			15 56 02.4 +1.1
WWT	Waverly	23.16	40	P	P			15 55 59.1 -2.6
WWT	Waverly	23.16	40	P	P			15 55 58.6 -3.2
WWT	comp=Z,33nm,0.8s							
WWT	Waverly	23.16	40	P	P			15 55 58.6 -3.2
WWT	Waverly	23.16	40	I	Amb	I	Amb	16 05 52.2
152A	Waverly Hall	23.22	51	I	Amb	I	Amb	15 56 01.4
Z51A	Franklin	23.22	49	I	Amb	I	Amb	15 56 11.0
N35A	Tabor	23.29	20	I	Amb	I	Amb	15 56 07.7
T45A	Paducah	23.29	37	I	Amb	I	Amb	16 05 58.7
RUBR	Rubicon Trail	23.30	331	I	Amb	I	Amb	15 56 16.9
K22A	Casper	23.36	359	P	P			15 56 04.1 +0.2
K22A	Casper	23.36	359	I	Amb	I	Amb	15 56 16.2
K22A	comp=Z,61nm,0.8s							16 05 14.8
S44A	Carbondale	23.44	35	I	Amb	I	Amb	15 56 05.8
S44A	comp=Z,100nm,0.8s							16 05 53.8
SIUC	Southern Illin	23.48	35	I	Amb	I	Amb	15 56 06.0
SIUC	comp=Z,97nm,0.8s							16 05 54.3
TIGA	Tifton	23.49	54	P	P			15 56 02.5 -2.6
P40A	Paris	23.50	28	P	P			15 56 02.9 -2.2
P40A	comp=Z,106nm,0.8s							16 05 06.7
P40A	comp=Z,4um,18.0s							
656A	Willston	23.52	60	I	Amb	I	Amb	15 56 29.7
V48A	Smith Brothers	23.53	42	I	Amb	I	Amb	15 56 12.5
PDAR	Pinedale Array	23.68	353	P	P			15 56 07.0 0.0
PDAR	comp=Z,6.4nm,0.6s,baz=160,slow=10.0,SNR=21							15 56 06.2 -0.9
BW06	Boulder Array	23.68	353	P	P			15 56 06.9 -0.2
SWED	Seward	23.78	44	I	Amb	I	Amb	15 56 18.3
SWED	comp=Z,44nm,0.7s							15 56 11.9
AH17	Auburn Hatcher	24.05	64	P	P			15 56 08.2 -2.2
DWPF	Disney Wildern	24.05	64	P	P			15 56 09.5 -0.9
DWPF	Disney Wildern	24.05	64	P	P			15 56 09.9 -0.9
CLTN	Cedars of Leba	24.06	42	I	Amb	I	Amb	15 56 09.7
N38A	Joos South For	24.08	24	I	Amb	I	Amb	16 05 01.1
K31A	O'Neill	24.10	13	I	Amb	I	Amb	16 04 27.2
W50A	Signal Mountain	24.18	45	P	P			15 56 09.4 -2.2
PRVC	Isla de Provid	24.23	100	eP	P			15 56 14.5 +2.4
Y52A	Lilburn	24.30	49	I	Amb	I	Amb	15 56 11.7
Y52A	comp=Z,50nm,0.8s							16 07 03.2
ORV	Oroville	24.34	330	I	Amb	I	Amb	15 56 18.8
GDXM	Geyers	24.42	327	I	Amb	I	Amb	16 04 41.1
456A	Hilliard	24.42	57	P	P			15 56 12.1 -1.7
REDW	Red Top Meadow	24.43	351	I	Amb	I	Amb	15 56 20.1
GOGA	Godfrey	24.50	50	P	P			15 56 12.5 -2.0
GOGA	Godfrey	24.50	50	P	P			15 56 12.7 -1.8
GOGA	comp=Z,79nm,0.8s							15 56 12.7 -1.8
GOGA	Godfrey	24.50	50	P	P			15 56 13.8
USIN	University of	24.51	37	I	Amb	I	Amb	16 06 36.2
SNOW	Snow King Moun	24.51	351	P	P			15 56 15.0 +0.1
SNOW	comp=Z,115nm,0.9s							15 56 21.5
LOHW	Long Hollow	24.64	352	I	Amb	I	Amb	15 56 21.1
U49A	Red Boiling Sp	24.67	42	I	Amb	I	Amb	15 56 17.4
HOPS	Hopland Field	24.69	327	I	Amb	I	Amb	16 04 27.6
CPCT	Cooper Cave	24.85	45	I	Amb	I	Amb	15 56 18.7
CPCT	comp=Z,93nm,0.9s							16 05 50.8
RSSD	Black Hills	24.88	3	P	P			15 56 17.5 -0.6
RSSD	Black Hills	24.88	3	P	P			15 56 17.9 -0.1
RSSD	comp=Z,65nm,0.9s							
RSSD	Black Hills	24.88	3	P	P			15 56 17.9 -0.1
RSSD	comp=Z,4um,20.0s							15 56 21.6
RSSD	Black Hills	24.88	3	I	Amb	I	Amb	16 06 17.5
PAYG	Puerto Ayora	25.01	140	I	Amb	I	Amb	16 03 27.0
SCIA	State Center	25.05	23	P	P			15 56 18.5 -0.9
SCIA	State Center	25.05	23	I	Amb	I	Amb	16 05 56.9
O03E	Paynes Creek	25.06	330	P	P			15 56 20.9 +1.3
FLWY	Flag Ranch	25.11	352	I	Amb	I	Amb	15 56 33.5
HLID	Hailey	25.31	345	P	P			15 56 22.8 +0.9
YPP	Pitchstone Pla	25.31	352	P	P			15 56 22.8 +0.7
H17A	Grant Village	25.41	352	P	P			15 56 23.8 +0.9
H17A	Grant Village	25.41	352	I	Amb	I	Amb	16 05 56.4
TKL	Tuckaleechee C	25.47	45	P	P			15 56 21.7 -1.6
TKL	Tuckaleechee C	25.47	45	I	Amb	I	Amb	15 56 28.0
WCI	Wyandotte Cave	25.48	38	P	P			15 56 21.7 -1.5
WCI	Wyandotte Cave	25.48	38	P	P			15 56 22.2 -1.1

WCI	comp=Z,160nm,0.8s							
WCI	comp=Z,5um,19.0s							
WCI	Wyandotte Cave	25.48	38	P	P			15 56 22.2 -1.1
WCI	comp=Z,5um,19.0s							
MFID	Camas Ranch	25.53	343	P	P			15 56 24.7 +0.8
LKWW	Lake	25.55	353	I	Amb	I	Amb	15 56 37.9
LKWW	comp=Z,42nm,0.9s							16 06 47.2
T50A	Nancy	25.57	42	I	Amb	I	Amb	16 07 09.2
HDIL	Hopedale	25.59	30	P	P			15 56 22.7 -1.6
HDIL	Hopedale	25.59	30	I	Amb	I	Amb	16 06 47.7
ECSD	EROS Data Cent	25.65	16	P	P			15 56 24.0 -0.8
ECSD	EROS Data Cent	25.65	16	I	Amb	I	Amb	15 56 30.7
O44A	Manistee	25.68	32	P	P			15 56 24.0 -1.1
BG3	Lake Jocassee	25.68	46	I	Amb	I	Amb	15 56 30.1
V52A	Sevierville	25.69	45	P	P			15 56 22.1 -3.2
V52A	comp=Z,58nm,0.8s							15 56 26.1
SUSD	Miller	25.81	11	P	P			15 56 25.5 -0.7
SUSD	Miller	25.81	11	I	Amb	I	Amb	16 07 19.5
K38A	Parkersburg	25.86	23	P	P			15 56 25.7 -1.0
K38A	comp=Z,112nm,0.9s							16 06 09.2
P46A	Rosedale	25.94	34	I	Amb	I	Amb	15 56 55.6
P46A	comp=Z,5um,21.0s							16 06 47.9
YNE	Yellow Stone No	25.94	353	P	P			15 56 27.8 0.0
RLMT	Red Lodge	25.98	355	P	P			15 56 28.3 +0.2
BLO	Bloomington	25.99	36	I	Amb	I	Amb	15 56 46.1
BLO	comp=Z,71nm,0.8s							16 07 33.4
Z56A	Williston	26.00	52	P	P			15 56 25.9 -2.2
N02D	Trinity Center	26.02	330	P	P			15 56 28.6 +0.3
TZ2T	Tazewell	26.12	44	P	P			15 56 27.3 -1.9
TZ2T	Tazewell	26.12	44	I	Amb	I	Amb	15 56 31.8
TZ2T	comp=Z,99nm,0.9s							16 08 14.6
V53A	Saluda	26.13	46	I	Amb	I	Amb	15 56 31.4
R49A	Shelbyville	26.18	39	I	Amb	I	Amb	16 07 51.2
PAULI	Pauline	26.28	49	P	P			15 56 29.6 -2.0
PAULI	comp=Z,82nm,1.2s							16 08 03.5
M02C	Callahan	26.42	330	P	P			15 56 31.4 -0.5
KHMM	Horse Mountain	26.44	329	I	Amb	I	Amb	16 06 09.6
JCC	Jacoby Creek	26.54	328	I	Amb	I	Amb	16 05 48.4
SFIN	Lafayette	26.55	33	P	P			15 56 31.5 -1.4
SFIN	Lafayette	26.55	33	I	Amb	I	Amb	15 56 35.5
L42A	Oliver, Polo	26.57	28	I	Amb	I	Amb	15 56 34.3
L42A	comp=Z,107nm,0.9s							16 07 43.7
YBH	Yreka Blue Hor	26.62	331	P	P			15 56 33.1 -0.5
YBH	comp=Z,1.7nm,0.7s,baz=100,slow=8.1,SNR=5.1							16 06 41.7
YBH	Yreka Blue Hor	26.62	331	P	P			15 56 33.2 -0.5
K05A	Sunmer Lake	26.65	335	I	Amb	I	Amb	15 56 45.9
DLMT	Dillon	26.66	349	I	Amb	I	Amb	16 07 43.6
R50A	Paris	26.68	40	I	Amb	I	Amb	15 56 57.0
R50A	comp=Z,56nm,0.8s							16 07 25.4
BOZ	Bozeman (W)	26.73	351	P	P			15 56 34.5 -0.2
551A	Beattyville	26.74	42	I	Amb	I	Amb	15 56 11.7
P48A	Milroy	26.81	37	P	P			15 56 34.7 -0.7
P48A	comp=Z,4um,19.0s							16 06 08.9
NHSC	New Hope	26.81	54	P	P			15 56 34.1 -1.4
L04D	Klamath Falls	26.82	332	P	P			15 56 35.8 +0.2
M44A	Midewin, Midew	26.83	31	I	Amb	I	Amb	16 07 36.6
I37A	Lemond, Waseca	26.84	20	P	P			15 56 34.6 -1.0
KM5C	Kings Mountain	26.89	49	P	P			15 56 34.2 -1.9
KM5C	Kings Mountain	26.89	49	I	Amb	I	Amb	15 56 37.6
KM5C	comp=Z,55nm,0.8s							16 08 16.8
Y57A	Sumter	27.04	52	I	Amb	I	Amb	15 56 42.3
JFWS	Jewell Farm	27.06	26	P	P			15 56 34.8 -2.8
JFWS	Jewell Farm	27.06	26	I	Amb	I	Amb	16 07 08.0
LRM	Limekiln Ridge	27.08	350	P	P			15 56 38.2 +0.2
BCIP	Isla Barro Col	27.12	108	eP	P			16 08 17.9
BCIP	Isla Barro Col	27.12	108	I	Amb	I	Amb	15 56 39.4 +1.0
HQIL	Hanson Quarry C	27.24	30	I	Amb	I	Amb	16 07 49.4
J05D	Fort Rock, Orr	27.25	335	P	P			15 56 40.1 +0.6
U54A	Nelsons Funny	27.26	46	P	P			15 56 36.9 -2.7
U54A	Nelsons Funny	27.26	46	I	Amb	I	Amb	15 56 42.8
P49A	Miami Univ. Ec	27.26	38	P	P			15 56 36.9 -2.6
P49A	Miami Univ. Ec	27.26	38	P	P			15 56 37.5 -1.9
P49A	Miami Univ. Ec	27.26	38	I	Amb	I	Amb	15 56 40.7
V55A	Taylorville	27.33	48	I	Amb	I	Amb	16 09 26.5
AZU	Azuero	27.33	111	eP	P			15 56 40.4 +0.2
L02E	Cave Junction	27.36	331	P	P			15 56 39.0 -1.3
LAO	LASA Array	27.40	359	P	P			15 56 3

Table with columns: ID, Name, Time, Date, Status, Location, and other details. Rows include Snyder Ridge, Snyder Ridge, Q56A, etc.

Table with columns: ID, Name, Time, Date, Status, Location, and other details. Rows include BBAC Balboa, Cauca, GUYCZ Guyana, etc.

Table with columns: ID, Name, Time, Date, Status, Location, and other details. Rows include FFC Flin Flon, I58A Old Forge, SDV Santo Domingo, etc.

12d 15h

E58A	La Victoria baz=235	38.07	37	P	P	15 58 11.6	-2.1
H62A	Milan baz=240,SNR=5.6	38.38	41	P	P	15 58 14.9	-1.4
I63A	Otisfield baz=241	38.48	42	P	P	15 58 15.5	-1.6
G61A	St-Isidore-de- baz=239	38.51	40	P	P	15 58 15.8	-1.6
F60A	Warwick baz=238,SNR=8.9	38.62	39	P	P	15 58 16.4	-1.9
D58A	Chemin du Lac G baz=235	38.70	37	P	P	15 58 17.4	-1.6
CDVI	St. Croix	38.96	85	P	P	15 58 20.4	-1.1
G62A	West of Eustis baz=240	39.09	40	P	P	15 58 21.0	-1.2
G62A	West of Eustis comp=Z,27nm,0.8s	39.09	40	IAMB	IAMB	15 58 22.9	
H63A	New Sharon baz=241	39.12	41	P	P	15 58 21.3	-1.2
E60A	Ste Agathe de baz=238,SNR=6.5	39.13	38	P	P	15 58 20.8	-1.8
F61A	St Evariste baz=239	39.19	39	P	P	15 58 21.8	-1.2
VWL	Waterville comp=Z,3um,21.0s	39.31	42	IAMS_20	IAMS_20	16 14 17.7	
G63A	Kingsbury baz=241	39.60	41	P	P	15 58 25.3	-1.2
H64A	Troy baz=242	39.62	42	P	P	15 58 25.5	-1.2
D60A	Saint Jean D'O baz=238	39.72	38	P	P	15 58 26.2	-1.3
E61A	Lac Etchemin baz=239	39.73	39	P	P	15 58 26.5	-1.0
PKME	Peaks-Kenny Pk baz=241	39.87	41	P	P	15 58 27.3	-1.4
F63A	Nahmakanta, Br baz=241	40.20	41	P	P	15 58 29.9	-1.5
F63A	Nahmakanta, Br F63A	40.20	41	P	IAMB	15 58 30.1	-1.4
G64A	Maxfield baz=242	40.20	41	P	P	15 58 29.9	-1.5
D61A	St Aubert, Com baz=238	40.30	38	P	P	15 58 30.6	-1.6
FCC	Fort Churchill comp=Z,44nm,0.8s	40.42	9	IAMB	IAMB	15 58 42.2	
FCC	Fort Churchill IAMS_20	40.42	9	IAMS_20	IAMS_20	16 14 31.2	
SEUS	St. Eustatius comp=Z,3um,20.0s	40.69	85	IAMS_20	IAMS_20	16 17 51.2	
F64A	Sherman baz=241	40.74	41	P	P	15 58 34.6	-1.3
EMMW	East Machias comp=Z,3um,18.0s	40.78	43	IAMS_20	IAMS_20	16 16 53.5	
H66A	Whiting baz=242	40.90	43	P	P	15 58 36.0	-1.2
G65A	Princeton baz=243	40.93	42	P	P	15 58 36.2	-1.2
G65A	Princeton IAMB	40.93	42	IAMB	IAMB	15 58 36.8	-0.6
G65A	Princeton comp=Z,154nm,1.9s	40.93	42	IAMS_20	IAMS_20	16 17 38.4	
G65A	Princeton comp=Z,2um,19.0s	40.94	85	P	P	15 58 37.5	-0.5
SKI	Saint Kitts	40.94	85	P	P	15 58 37.5	-0.5
E63A	Oxbow baz=241	40.96	40	P	P	15 58 36.6	-1.2
E63A	Oxbow comp=Z,116nm,1.8s	40.96	40	IAMB	IAMB	15 58 41.0	
E63A	Oxbow IAMS_20	40.96	40	IAMS_20	IAMS_20	16 14 56.4	
E64A	Brigewater baz=242	41.32	40	P	P	15 58 39.5	-1.2
PQI	Presque Isle comp=Z,94nm,1.8s	41.33	40	IAMB	IAMB	15 59 25.8	
GGN	Saint George comp=Z,2um,20.0s	41.35	42	IAMS_20	IAMS_20	16 16 10.1	
D63A	Stockholm baz=241	41.45	39	P	P	15 58 40.6	-1.2
ANWB	Willy Bob IAMB	41.78	85	IAMB	IAMB	15 58 43.0	-1.8
ANWB	Willy Bob comp=Z,68nm,0.8s	42.20	135	eP	pmax	15 58 47.9	-0.4
NNA	Nana IAMB	42.20	135	eP	pmax	15 58 47.9	-0.4
CSZB	Cruzeiro do Su Bathurst New B comp=Z,22nm,0.8s	42.27	126	eP	IAMB	15 58 49.8	+1.0
DLBC	Dease Lake comp=Z,2um,18.0s	42.95	342	IAMS_20	IAMS_20	16 17 52.3	
LMN	Caledonia Moun comp=Z,35nm,0.8s	42.96	42	IAMB	IAMB	15 58 56.4	
GRGR	Grenville IAMS_20	43.08	93	P	P	15 58 55.0	-0.4
GRGR	Grenville IAMS_20	43.08	93	P	P	16 16 18.0	
HAL	Halifax comp=Z,2um,22.0s	43.27	45	IAMS_20	IAMS_20	16 17 03.4	
YKA	Yellowknife Ar comp=Z,6.2nm,0.8s,baz=160,slow=8.1,SNR=38	43.66	354	P	P	15 58 59.1	-0.3
YKA	Yellowknife Ar comp=Z,1.9nm,1.0s,baz=156,slow=10.3,SNR=39.3	43.66	354	eP	pmax	16 00 46.8	+0.5
YKA	Yellowknife Ar IAMS_20	43.66	354	eP	pmax	16 00 46.8	+0.5
YKA	Yellowknife Ar IAMS_20	43.66	354	eP	pmax	16 00 46.8	+0.5
TJOS	Nuku Hiva Isla comp=Z,19.0s,baz=0.0,slow=36	43.80	233	eT	T	16 45 32.7	
JAIS	Juneau Island comp=Z,1um,21.0s	44.22	339	IAMS_20	IAMS_20	16 16 06.4	
BBGH	Gun Hill comp=Z,2um,21.0s	44.80	91	IAMS_20	IAMS_20	16 17 22.6	
TABL	Table Mountain comp=Z,35nm,20.0s	48.18	337	IAMS_20	IAMS_20	16 21 23.9	
ETMB	Extrema IAMB	48.60	123	eP	P	15 59 37.4	-1.6
TGQI	Tana Glacier comp=Z,24nm,1.0s	49.01	337	IAMB	IAMB	15 59 54.5	
PTGA	Pitinga comp=Z,18nm,0.8s	49.22	108	P	P	15 59 43.2	-0.6
PTGA	Pitinga IAMB	49.22	108	eP	P	15 59 43.4	-0.4
MCARA	McCarthy VSAT comp=Z,1um,21.0s	49.50	338	IAMB	IAMB	15 59 58.3	
VRDI	Verde Repeater comp=Z,14nm,0.8s	49.55	337	IAMB	IAMB	16 00 02.3	
MACA	Manacapuru-AM GLB	49.69	112	eP	P	15 59 46.3	-1.1
GLB	Gilahlina Butte comp=Z,19nm,0.8s	49.82	337	IAMB	IAMB	16 00 00.6	
EYAK	Cordova Ski Ar comp=Z,22nm,0.8s	49.99	336	IAMB	IAMB	16 00 01.5	
DAWY	Dawson comp=Z,13nm,0.8s	50.18	342	IAMB	IAMB	15 59 55.8	
BCAR	Beaver Creek A N25K	50.21	340	P	P	15 59 51.4	+0.7
N25K	Chitina, Valde baz=135,SNR=7.9	50.22	337	IAMB	IAMB	15 59 50.3	-0.5
N25K	Chitina, Valde comp=Z,24nm,0.8s	50.22	337	IAMB	IAMB	16 00 03.9	
SAML	Samuel IAMB	50.54	120	P	pmax	15 59 51.3	-2.5
SAML	Samuel comp=Z,33nm,1.1s	50.54	120	P	MLR	15 59 51.3	-2.5
SAML	Samuel comp=Z,200nm,21.0s	50.54	120	P	MLR	15 59 51.3	-2.5
SAML	Samuel IAMB	50.54	120	P	IAMB	16 00 11.6	
SAML	Samuel eP	50.54	120	P	P	15 59 52.3	-1.5
SAML	Samuel IAMB	50.54	120	P	IAMB	15 59 51.9	-2.0
KLU	Klutina comp=Z,30nm,0.8s	50.64	336	IAMB	IAMB	16 00 06.9	
RKT	Rikitea comp=Z,1um,27.0s	50.77	215	eS	S	16 07 09.4	+0.2
RKT	Rikitea eLR	50.77	215	eS	LR	16 14 35.4	
MENT	Mentasta comp=Z,952nm,22.0s	50.77	339	IAMS_20	IAMS_20	16 19 03.3	
M24K	Tolsona, Glenn baz=128,SNR=6.4	51.11	337	P	P	15 59 57.7	+0.1
M24K	Tolsona, Glenn IAMB	51.11	337	P	P	15 59 58.5	+1.0
LPZA	La Paz comp=Z,11nm,1.0s,baz=343,slow=9.0,SNR=17	51.23	131	P	P	15 59 58.7	-0.9
LPZA	La Paz LR	51.23	131	P	LR	16 20 54.4	
LPZA	La Paz comp=Z,736nm,18.3s,baz=320,slow=35	51.23	131	eP	P	15 59 59.6	0.0
EGAK	Eagle comp=Z,17nm,0.8s	51.23	341	IAMB	IAMB	16 00 03.5	
C36M	Paulatuk baz=158,SNR=6.4	51.36	352	P	P	15 59 58.5	-0.7
C36M	Paulatuk IAMS_20	51.36	352	IAMS_20	IAMS_20	16 21 07.6	

2015 FEB

DOT	Dot Lake comp=Z,2um,18.0s	51.36	339	IAMB	IAMB	16 00 06.3	
DOT	Dot Lake comp=Z,18nm,1.0s	51.36	339	IAMS_20	IAMS_20	16 23 46.9	
SCM	Sheep Creek Mo comp=Z,1um,19.0s	51.38	336	IAMB	IAMB	16 00 14.8	
PAX	Paxson comp=Z,19nm,0.8s	51.40	338	IAMB	IAMB	16 00 11.6	
KDKAK	Kodiak Island KDKAK	51.43	330	eP	pmax	16 00 03.0	+3.2
SCRK	Sand Creek baz=129,SNR=14	51.56	340	P	P	16 00 01.0	0.0
PNK	Knik Glacier comp=Z,21nm,0.8s	51.57	335	IAMB	IAMB	16 00 13.1	
PB16	IPOC Station P PB16	51.66	134	P	IAMB	16 00 03.2	+0.4
RIDG	Independent IR comp=Z,982nm,19.0s	51.69	339	IAMS_20	IAMS_20	16 25 45.6	
RCO1	Rabbits Creek A baz=123	51.89	335	P	P	16 00 03.3	0.0
PMR	Palmer comp=Z,24nm,0.7s	51.93	335	IAMB	IAMB	16 00 15.0	
PMR	Palmer IAMS_20	51.93	335	IAMS_20	IAMS_20	16 24 01.5	
INK	Inuk comp=Z,1um,18.0s	52.05	347	IAMB	IAMB	16 00 14.4	
INK	Inuk comp=Z,40nm,0.9s	52.05	347	IAMS_20	IAMS_20	16 22 28.1	
INMNC	Minnye Minnye comp=Z,32nm,1.2s	52.16	135	P	P	16 00 06.0	-0.2
HDA	Harding Lake baz=129,SNR=6.8	52.83	339	P	P	16 00 10.5	+0.2
HDA	Harding Lake comp=Z,930nm,19.0s	52.83	339	IAMS_20	IAMS_20	16 26 16.6	
RND	Reindeer comp=Z,29nm,0.8s	52.88	337	IAMB	IAMB	16 00 25.3	
RND	Reindeer IAMS_20	52.88	337	IAMS_20	IAMS_20	16 23 26.3	
IL31	Ilse comp=Z,866nm,21.0s	53.04	339	P	P	16 00 21.8	
ILAR	Eielson Array comp=Z,2.6nm,0.9s	53.04	339	P	P	16 00 12.2	+0.4
ILAR	Eielson Array comp=Z,8.8nm,0.8s,baz=149,slow=6.4,SNR=75	53.04	339	LR	LR	16 25 31.4	
PRP	Porcupine Dome comp=Z,457nm,19.4s,baz=127,slow=39	53.08	341	P	P	16 00 12.1	-0.1
PRP	Porcupine Dome IAMB	53.08	341	IAMB	IAMB	16 00 17.6	
PRP	Porcupine Dome comp=Z,28nm,0.8s	53.08	341	IAMS_20	IAMS_20	16 23 22.0	
SKT	Skwentna comp=Z,1um,20.0s	53.10	335	IAMB	IAMB	16 00 23.7	
MCK	McKinley comp=Z,30nm,0.8s	53.11	338	P	P	16 00 12.4	+0.1
PB08	IPOC Station P PB08	53.16	135	P	IAMB	16 00 13.7	0.0
WRH	Wood River Hill comp=Z,1um,18.0s	53.26	339	IAMS_20	IAMS_20	16 25 26.9	
CCB	Clear Creek Bu comp=Z,15nm,0.8s	53.27	339	IAMB	IAMB	16 00 24.0	
COLA	College comp=Z,24nm,2.1s	53.42	339	eP	pmax	16 00 15.6	+1.1
COLA	College IAMS_20	53.42	339	P	P	16 00 15.4	+0.9
POKR	Poker Plat Res baz=128,SNR=9.3	53.44	340	P	P	16 00 14.8	+0.1
POKR	Poker Plat Res comp=Z,18nm,0.8s	53.44	340	IAMB	IAMB	16 00 26.1	
POKR	Poker Plat Res IAMS_20	53.44	340	IAMS_20	IAMS_20	16 23 03.6	
PB01	IPOC Station P PB01	53.58	136	P	IAMB	16 00 16.1	-0.3
MDM	Murphy Dome comp=Z,1um,20.0s	53.60	339	IAMB	IAMB	16 00 31.2	
NEA2	Nenana baz=126,SNR=18	53.67	339	P	P	16 00 16.4	0.0
FYU	Fort Yukon comp=Z,36nm,1.0s	53.69	342	IAMB	IAMB	16 00 27.0	
FYU	Fort Yukon IAMS_20	53.69	342	IAMS_20	IAMS_20	16 26 25.2	
KTH	Kantishna Hill comp=Z,30nm,0.9s	53.73	337	IAMB	IAMB	16 00 28.5	
PB07	IPOC Station P PB07	53.82	137	P	IAMB	16 00 17.8	-0.4
PB07	IPOC Station P IAMS_20	53.82	137	P	IAMB	16 00 19.6	
BPWA	Bear Paw Mtn. comp=Z,26nm,0.8s	54.06	337	IAMB	IAMB	16 00 31.7	

Table with columns for station name, frequency, power, and other technical details. Includes stations like Barra de Sao F, Guarapari, ES, Spitsbergen, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like San Pablo, Petropavlovsk, Doures, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CONA, OBKA, SOKA, etc.

Table with columns: STKA, Stephens Creek, 118.68 244, PKP, 16 09 42.4 -0.9, etc. Includes various station codes and coordinates.

NEIC 12 16:14:08.7±1.8, 32.232N±0.02±1.15:23W±0.03, h20km,4km, Error ellipse: s-maj=3.4km s-min=2.9km az=09.0 ANF 12 16:14:08.1±0.7, 32.277N±1.15:22W±2.5km,4km, ML2.8/10, Error ellipse: s-maj=5.7km s-min=3.9km az=13.0 PAS 12 16:14:08.9±2.5, 32.212N±0.03±1.15:23W±0.02, h21km,6km, ML3.1/51, ML3.0(EXC), ML2.9/6(NEIC), Error ellipse: s-maj=4.0km s-min=2.6km az=152.0 SCEDC 12 16:14:08.9, 32.21N±1.15:23W, h21km ECX 12 16:14:09.4±0.7, 32.18N±1.15:25W, h10km,3km, MD3.1, ML3.3 MEX 12 16:14:10.1±0.3, 32.22N±1.15:21W, h15km, MD3.4 ISC 12 16:14:08.0±0.9, 32.19N±0.02±1.15:23W±0.02, h20km,1km, n88, e192/120, 3C-4D, California-Baja California border region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like Guadalupe Vict, Mexicali, Cerro Prieto, etc.

Table with columns: RMX, La Rumorosa, 0.83 300, Pb, 16 14 22.9 -0.9, etc. Includes stations like Carrizo Plain, Carrizo Plain, Carrizo Plain, etc.

Table with columns: SOME 12 16:27:59.9, 42.15N-83.60E, h10km, NNC 12 16:28:01.6±1.3, 42.25N-83.61E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=10.6km s-min=6.4km az=159.0, ISC 12 16:28:02.4±2.0, 42.21N±0.08±83.57E±0.07, h15km, n46, e279/66, 13C-4D, Northern Xinjiang. Includes station codes like KTMS, SHLS, PDGK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, I, S, C. Includes stations like X40A Basin Creek Fa, WHAR Woolly Hollow, WHTX Lake Whitney, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, I, S, C. Includes stations like H11N1 WAKE ISLAND Hy 29.03 117, H11N3 WAKE ISLAND Hy 29.04 117, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, I, S, C. Includes stations like LSA Lhasa, MAKZ Makanchi, MAKZ Makanchi, etc.

12d 18h: 01:05:2.1, 7.36: 12N: 139:49E, h108km, 12km, mb3.0/5, mb1.3/2.6, mb1mx2.9/4.5, mb1mp3.4/6, Error ellipse: s-maj=36.8km, s-min=10.7km, az=67.0

JMA 12 18:01:05.3, 0.1, 36:17N: 139:64E, h94km, 1km, M2.9, ISC 12 18:01:04.7, 0.9, 36:17N: 139:58E, 0.06, h103km, 8km, n22, c0672/30, mb3.4/5, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, I, S, C. Includes stations like JRY Ryogami san, JKT Katashina, JOD2 Odawara 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, I, S, C. Includes stations like MDOK Medeo, GUN Gumba, KUU Kurty, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, I, S, C. Includes stations like TLY Talaya, TLY Talaya, TLY Talaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like BDFB Brasilia, NPGB Novo Progresso, PARS Paraibuna, etc.

IDC 12 21:48:48.2-1.9, 13.00N, 91.22W, h0km, mb3.4/3, mb1 3.7/5, mb1mx3.5/37, mbmt3.4/5, ML3.7/1, Error ellipse: s-maj=70.9km s-min=28.9km az=58.0, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMIG Matias Romero, TEIG Tepich, TXAR Lajitas Array, etc.

BGR 12 21:59:17.9-0.0, 20.86S, 176.99W, h33km, Ms4.7, NEIC 12 22:00:16.9-1.4, 19.9S, 0.1:177.5W, 0.1, h542km, g6km, mb4.6/42, Error ellipse: s-maj=21.4km s-min=17.7km az=125.0

NOU 12 22:00:16.8, 19.80S, 177.32W, h560km, mb4.5, Fiji Islands Region, IDC 12 22:00:17.1-1.5, 19.96S, 177.54W, h539km, 15km, mb3.8/17, mb1 3.9/20, mb1mx3.8/32, mbmt3.4/7, 2/0, Error ellipse: s-maj=18.3km s-min=1.5km az=144.0

ISC 12 22:00:17.0-0.5, 19.86S, 0.09:177.50W, 0.08, h550km, 12.77, 1.08/17.4, mb4.6/42, 30C-9D, Fiji Islands Region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KHZ Kahutara, LTZ Lake Taylor, RPZ Rata Peaks, etc.

IDC 12 21:48:48.2-1.9, 13.00N, 91.22W, h0km, mb3.4/3, mb1 3.7/5, mb1mx3.5/37, mbmt3.4/5, ML3.7/1, Error ellipse: s-maj=70.9km s-min=28.9km az=58.0, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like EDFI Ende, FIOR Flores, GORL Morava, etc.

IDC 12 22:01:32.7-2.4, 20.48S, 139.04E, h0km, mb3.3/1, mb1 3.1/4, mb1mx3.1/23, mbmt3.0/4, ML2.4/3, MS2.7/2, Ms1 2.7/2, ms1mx2.3/13, Error ellipse: s-maj=24.4km s-min=22.8km az=132.0, Queensland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like PVCC Panska Ves, MLR Muntelesu, LTVH Lavtves, etc.

IDC 12 22:01:32.7-2.4, 20.48S, 139.04E, h0km, mb3.3/1, mb1 3.1/4, mb1mx3.1/23, mbmt3.0/4, ML2.4/3, MS2.7/2, Ms1 2.7/2, ms1mx2.3/13, Error ellipse: s-maj=24.4km s-min=22.8km az=132.0, Queensland

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

RSNC 12 22:20:40.0-1.0, 4.60N, 76.08W, h50km, 6km, ML2.3, 1C-1.2, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like PLMC San Jos del P, PLMC Yotoco, YOTC Yotoco, etc.

INET 12 22:21:29.8, 7.17N, 82.00W, h15km, MW4.4
 UPA 12 22:21:30.2, 4.2, 7.56N, 81.89W, h0km, KM, MW4.7, Fault
 plane solution: NP1.0, 60.070000°, 879.53000°, 1.34, 64.000°.
 BGR 12 22:21:35.7, 0.0, 7.42N, 81.70W, h33km, mb4.9, Ms4.0
 GCMT 12 22:21:35.2, 0.3, 7.71N, 0.01, 81.78W, 0.02, h20km, 1km,
 MW4.8/92, Moment Tensor Solution. s12,c16; s92,c115;
 Duration: 0 Moment tensor: Scale 10¹⁸Nm; Mr0.79±.10;
 Mw=0.26±.07; Ms=0.53±.10; M=0.04±.14; Mw1.75±.07;
 Mw=0.37±.14; Best double couple: M0.180900, 10¹⁶
 NFr=0.33, 0.0000°, 872.00000°, 1.10, 0.0000°. NFr2=
 0.00000°, 381.00000°, 1.62, 0.0000°. Principal axes: T
 1.4380, P19.0000°, Azm316.0000°, N 0.7430.
 P1g70.0000°, Azm153.0000°, P-2.1800, P1g6.0000°.
 Azm48.0000°. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function
 NEIC 12 22:21:36.2, 1.9, 7.61N, 0.07, 81.82W, 0.07, h41km, 7km,
 mb4.8/141 Error ellipse: s-maj=11.3km s-min=8.1km
 az=22.0

ISC 12 22:21:30.9, 1.2, 7.57N, 0.03, 81.87W, 0.02, h7km, 7km,
 n400, 1944/421, mb4.8/101, MS3.8/17, 130.19, Fault
 plane solution: NP1.0, 60.070000°, 879.53000°, 1.34,
 64.0000°. NFr=0.33, 0.0000°, 872.00000°, 1.10, 0.0000°. NFr2=
 0.00000°, 381.00000°, 1.62, 0.0000°. Principal axes: T
 1.4380, P19.0000°, Azm316.0000°, N 0.7430.
 P1g70.0000°, Azm153.0000°, P-2.1800, P1g6.0000°.
 Azm48.0000°. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function
 NEIC 12 22:21:36.2, 1.9, 7.61N, 0.07, 81.82W, 0.07, h41km, 7km,
 mb4.8/141 Error ellipse: s-maj=11.3km s-min=8.1km
 az=22.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PVID3	Puerto Vidal,	0.55	29	II	Pg	22 21 41.4 0.0
PVID3	Puerto Vidal,	0.55	29	II	Sb	22 21 41.4 0.0
REME3	Remedios, Chir	0.66	41	II	Pg	22 21 43.5 -0.1
REME3	Remedios, Chir	0.66	41	II	Sb	22 21 43.5 -0.1
GMAL	Guarumal, Vera	0.66	73	II	Pg	22 21 54.6 +0.5
GMAL	Guarumal, Vera	0.66	73	II	Sb	22 21 54.6 +0.5
NANC3	Nancito, Chiri	0.68	12	II	Pg	22 21 43.6 -0.5
RSU33	Rio de Jesus,	0.82	60	II	Pg	22 22 04.9 -0.8
MARI3	Mariato, Verag	0.88	85	II	Pg	22 21 47.9 0.0
MARI3	Mariato, Verag	0.88	85	II	Sb	22 22 01.6 -1.2
MESA3	La Mesa, Verag	0.89	50	II	Pg	22 21 47.0 -1.2
CHIR3	Chiriqui UPA,	0.94	331	II	Pg	22 21 47.8 -1.2
CHIR3	Chiriqui UPA,	0.94	331	II	Sb	22 22 03.0 +0.8
PONU3	Ponuga, Veragu	0.94	70	II	Pg	22 21 48.0 +0.0
PONU3	Ponuga, Veragu	0.94	70	II	Sb	22 22 02.4 0.0
PEDE3	Pedregal, Chir	0.98	326	II	Pg	22 21 47.3 -2.4
LECO3	Loma Colorada,	0.99	327	II	Pg	22 21 47.3 -2.7
LOMA3	Las Lomas, Chi	1.00	329	II	Pg	22 21 48.3 -1.0
CNAZ3	Canazas, Verag	1.02	51	II	Pg	22 21 48.9 -1.6
CACAO	El Cacao, Vera	1.03	102	II	Pg	22 21 50.0 -0.7
CACAO	El Cacao, Vera	1.03	102	II	Sb	22 22 04.6 -0.2
STIA3	Santiago, Vera	1.04	59	II	Pg	22 21 49.5 -1.4
STIA3	Santiago, Vera	1.04	59	II	Sb	22 22 05.5 +0.4
GUAL3	Gualaca, Chiri	1.05	336	II	Pg	22 21 49.8 -1.2
GUAL3	Gualaca, Chiri	1.05	336	II	Sb	22 22 06.9 +0.5
BAGA3	Bagala, Chiriq	1.10	324	II	Pg	22 21 51.4 -0.8
SFRA3	San Francisco,	1.12	53	II	Pg	22 21 50.9 -1.6
SFRA3	San Francisco,	1.12	53	II	Sb	22 22 07.2 -0.3
OCU3	Ocu, Herrera	1.15	71	II	Pg	22 21 51.5 -1.6
PSOM3	Paja de Sombre	1.20	338	II	Pg	22 21 52.0 -1.1
PSOM3	Paja de Sombre	1.20	338	II	Sb	22 22 08.5 +0.1
LESP3	La Esperanza,	1.23	313	II	Pg	22 21 52.2 -2.4
CALO3	Calobre, Verag	1.27	54	II	Pg	22 21 53.1 -2.2
PTAR3	Potrilleros Ar	1.28	331	II	Pg	22 21 53.2 -2.3
BCOZ3	Palмира	1.31	330	II	Pg	22 21 54.2 -2.0
BCOZ3	Palмира	1.31	330	II	Sb	22 22 01.9 -1.3
LNBO3	Los Naranjos,	1.34	335	II	Pg	22 21 54.1 -2.1
LNBO3	Los Naranjos,	1.34	335	II	Sb	22 22 14.4 0.0
CHGR2	Aguaicate	1.39	349	II	Pg	22 21 54.7 -2.1
CHGR2	Aguaicate	1.39	349	II	Sb	22 22 14.1 -1.1
CHIT3	Chitres	1.41	315	II	Pg	22 21 56.3 -0.7
CRIS3	El Cristo, Coc	1.42	55	II	Pg	22 21 56.1 -2.1
BR2P	Paso Ancho	1.44	330	II	Pg	22 21 56.4 -1.2
BCUP3	Volcan	1.46	326	II	Pg	22 21 55.9 -2.1
CHIT3	Chitre	1.49	75	II	Pg	22 21 56.7 -1.5
CHIT3	Chitre	1.49	75	II	Sb	22 22 17.0 -1.0
MLIR3	Monte Lirio, C	1.54	322	II	Pg	22 21 59.2 +0.0
MLIR3	Monte Lirio, C	1.54	322	II	Sb	22 22 16.9 +0.5
AZU	Azuero	1.60	82	II	Pg	22 21 58.9 -0.8
AZU	Azuero	1.60	82	II	Sb	22 22 20.1 -0.5
AZU	Azuero	1.60	82	II	Pg	22 22 21.9 -0.5
AZU	Azuero	1.60	82	II	Sb	22 22 21.9 -0.5
AZU	Azuero	1.60	82	II	Pg	22 21 58.5 -1.2
AZU	Azuero	1.65	319	II	Pg	22 22 19.9 0.0
EDSV	Edsval	1.67	300	II	Pg	22 22 27.2 +3.1
PIRO	Carate, Puerto	1.67	300	II	Pg	22 21 58.7 -1.9
PIRO	Carate, Puerto	1.67	300	II	Sb	22 21 58.8 -1.9
PNME	Penonome	1.78	59	II	Pg	22 22 01.5 -0.7
PNME	Penonome	1.78	59	II	Sb	22 22 26.5 -0.1
LPA	Las Palmas La	1.83	322	II	Pg	22 22 02.0 +0.0
POTG	Potrero Grande	1.92	320	II	Pg	22 22 04.3 +0.1
CNI2	El Empalme, Bo	1.94	342	II	Pg	22 22 05.2 +0.9
CNI2	El Empalme, Bo	1.94	342	II	Sb	22 22 35.3 +0.3
RIOS	Rincon, Osa	1.98	305	II	Pg	22 22 03.5 -1.4
VTON	El Valle, Cocl	2.03	59	II	Pg	22 22 06.1 +0.5
VTON	El Valle, Cocl	2.03	59	II	Sb	22 22 18.9 -1.2
YON	Yon	2.03	59	II	Pg	22 22 35.3 +1.6
EDPN	Palmar Norte	2.09	312	II	Pg	22 22 06.0 -0.4
EDBA	Buenos Aires	2.11	319	II	Pg	22 22 07.8 +1.1
RGMO	Gandoca	2.14	340	II	Pg	22 22 08.4 +1.3
RGMO	Gandoca	2.14	340	II	Sb	22 22 18.3 +1.3
GMDO	Gandoca	2.14	340	II	Pg	22 22 40.4 +0.7
GMDO	Gandoca	2.14	340	II	Sb	22 22 40.4 +0.7
DRKO	Durika	2.16	321	II	Pg	22 22 07.5 -0.1
DRKO	Durika	2.16	321	II	Sb	22 22 07.7 +0.1
EDLM	Las Mercedes	2.20	315	II	Pg	22 22 11.6 +0.8
EDLM	Las Mercedes	2.20	315	II	Sb	22 22 44.1 -0.4
ZANG	Zanguenga, Cho	2.42	55	II	Pg	22 22 12.0 +1.1
ZANG	Zanguenga, Cho	2.42	55	II	Sb	22 22 12.2 +1.2
CHOR3	La Chorrera	2.47	58	II	Pg	22 22 13.6 -2.1
PEZE	Perez Zeledon,	2.54	315	II	Pg	22 22 12.9 +0.2
BCIP	Isla Barro Col	2.56	52	II	Pg	22 22 14.1 +1.1
BCIP	Isla Barro Col	2.56	52	II	Sb	22 22 49.0 0.0
BCIP	Isla Barro Col	2.56	52	II	Pg	22 22 13.4 +0.5
BCIP	Isla Barro Col	2.56	52	II	Sb	22 22 13.7 +0.7
BCIP	Isla Barro Col	2.56	52	II	Pg	22 22 13.8 +0.9
BCIP	Isla Barro Col	2.56	52	II	Sb	22 22 48.0 -1.2
EDDO	Dominical	2.58	311	II	Pg	22 22 13.6 +0.3
ARRA3	Arraijan, Pana	2.60	58	II	Pg	22 22 15.0 +1.5
ARRA3	Arraijan, Pana	2.60	58	II	Sb	22 22 47.7 -2.2
TABO3	Taboga, Panama	2.60	62	II	Pg	22 22 15.0 +1.6
TABO3	Taboga, Panama	2.60	62	II	Sb	22 22 49.6 -0.5
MLIR	Monte Lirio	2.60	50	II	Pg	22 22 15.2 +1.2
PML3	Paraiso	2.66	57	II	Pg	22 22 15.7 +1.4
MFS3	Miraflores	2.67	58	II	Pg	22 22 16.4 +2.2
MFS3	Miraflores	2.67	58	II	Sb	22 22 51.6 -0.5
FLAM	Flamenco Islan	2.67	60	II	Pg	22 22 16.3 +1.8
FRJ	El Hiral	2.69	52	II	Pg	22 22 16.0 +1.4
UPA	Univ. de Panam	2.71	59	II	Pg	22 22 15.4 +0.4
UPA	Univ. de Panam	2.71	59	II	Sb	22 22 31.9 -1.9
SABA3	Sabanitas, Col	2.71	49	II	Pg	22 22 16.8 +1.8
SABA3	Sabanitas, Col	2.71	49	II	Sb	22 22 51.5 -1.8
CDM	Cerro de Muert	2.72	317	II	Pg	22 22 15.6 +0.1
MRVA	Moravia de Chi	2.73	325	II	Pg	22 22 15.9 +0.6
MADS	Madden Dam	2.77	54	II	Pg	22 22 16.2 +0.4
BATAN	Batan	2.92	303	II	Pg	22 22 16.2 +0.3
BATAN	Batan	2.92	303	II	Sb	22 22 19.6 +1.7
RIMA	Rio Macho	2.94	318	II	Pg	22 22 18.7 +0.4
LCR2	La Lucha 2	3.02	316	II	Pg	22 22 19.1 -0.3
VTUR	Volcan Turrial	3.07	323	II	Pg	22 22 21.6 +0.3
VTUC	Crater, Volcan	3.07	323	II	Pg	22 22 21.2 +0.9
CHPO	Cherpo, Panama	3.17	51	II	Pg	22 22 21.9 +0.8
SJS	Escuela Geolog	3.19	318	II	Pg	22 22 22.5 +0.7
MIRA3	Miramar, Colon	3.21	51	II	Pg	22 22 24.0 +2.2
HDC3	Heredia 3	3.28	318	II	Pg	22 22 23.3 +0.4
HDC	Heredia	3.28	318	II	Pg	22 22 23.8 +0.9
HDC	Heredia	3.28	318	II	Sb	22 22 54.4 -5.2
HDC	Heredia	3.28	318	II	Sb	22 22 52.2 +0.0
HDC	Heredia	3.28	318	II	Pg	22 22 23.5 +0.6
HDC	Heredia	3.28	318	II	Sb	22 22 23.9 +1.0
CNTA3	Canitas, Panam	3.38	61	II	Pg	22 22 24.4 -1.8
JACO	JACO, Garabito	3.45	307	II	Pg	22 22 23.9 -1.3
IBD2	Itabana	3.47	72	II	Pg	22 22 24.3 +1.9
COVE	Coope Vega, Sa	4.02	362	II	Pg	22 22 34.1 +1.3
ARE1	Arenal 1	4.02	316	II	Pg	22 22 34.3 +1.3
PTAC	Punta Arditia,	4.05	96	II	Pg	22 22 32.1 -1.3
PTAC	Punta Arditia,	4.05	96	II	Sb	22 22 16.3 -4.9
JTS	Las Juntas de	4.07	312	II	Pg	22 22 34.7 +0.9

JTS	base+5, slow=19, SNR=0.9	Lg	Lg	22 23 31.1
JTS	Las Juntas de	4.07	312	eP
JTS	Las Juntas de	4.07	312	eS
GRZA	Playa Garza	4.39	302	Pg
PLVR	Palo Verde	4.41	309	eP
CUI	Cuipulapa	4.47	314	eP
SOLC	Bahia Solano	4.63	306	eP
ESPN	Las Esperanzas	5.18	333	eP
SMON	Acopyapa	5.45	300	eP
ACON	Acopyapa	5.45	324	eP
DBBC	Dabeiba	5.64	95	eP
PRVC	Isla de Provid	5.79	51	eP
PRVC	Isla de Provid	5.79	51	eS
CBOC	Ciudad Bolivar	6.06	106	eP
PLMC	San Jos del P	6.16	115	eP
MOTC	Monteria, Cord	6.26	79	eP
MONA	Monteria	6.27	79	eP
UREC	San Jos de Ur	6.29	88	eP
YTOC	Yatoco, Valle	6.55	123	eP
GUYV	Guyvanac, Caldas	6.88	109	eP
RREF	El Recreo	7.02	112	eP
ANIL	Santa Ana	7.11	115	eP
TOLC	Tolima	7.16	114	eP
BBAC	Balboa, Cauca	7.18	140	eP
POPC	San Martin de	7.19	134	eP
CRIN	San Cristobal	7.21	315	eP
NORC	Norcasia	7.24	106	eP
PTUC	PUERTO BERRIO,	7.43	97	eP
ORTE	Ortega, Tolima	7.53	119	eP
GCUP	Volcan Galeras	7.75	144	eP
SMON	Acopyapa	7.82	80	eP
ARGU	Arguangu, Magd	7.88	73	eP
PRAC	Prado	7.94	118	eP
ELRO	El Rosal	7.98	109	Pn
ROSC	2.0nm, 0.3s, baz=307, slow=20, SNR=4.7			Sn
ROSC	2.0nm, 0.3s, baz=247, slow=22, SNR=4.7			Sn
ROSC	comp=Z, 1.1um, 20.2s, baz=293, slow=35			LR
ROSC	El Rosal	7.98	109	Pn
ROSC	El Rosal	7.98	109	eP
ROSC	Betania	8.04	127	eP
BETV	Obatala	8.04	155	Pn
OCAR	Garzon, Huila	8.30	130	eP
TEGU	San Sigalpa, Un	8.35	321	eP
GCAC	Ocana	8.50	85	eP
FLOC	Florigencia	8.59	134	eP
CHIC	Chingaza	8.61		

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like NV11, PABG, DGMT, BIO3, NVAR, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like NKCC, CLL, CLL, CLL, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like GLVR, GLVR, GLVR, etc.

Table with columns: TORD, Torodi Ar. Bea, 146.03 282, PKPbc, PKPbc, 03 31 30.8 0.0, etc.

MOS 13 03:18:53.7±0.0, 44.50N, 41.27E, h28km, ML2.0/5,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, etc.

IDC 13 03:21:41.1±0.5, 2.94N-92.88E, h0km, mb4.4/27,

mb1 4.5/31, mb1mx4.5/50, mbtmp4.5/31, ML4.9/4, MS3.7/23,

NEIC 13 03:21:42.7±1.1, 2.93N, 0.08-92.87E, 0.06, h10km, 1km,

KLM 13 03:21:44.2±9.2N-92.86E, h10km, mb5.4

GCMT 13 03:21:45.7±0.3, 3.05N, 0.02-92.86E, 0.02, h22km, 1km,

DJA 13 03:21:47.4±0.4, 3°N, 3°9'3"E, h55km, 6km, M5.4/24,

ISC 13 03:21:46.1±0.4, 2.89N, 0.05-92.91E, 0.05, h35km, n267,

northern Sumatra

Main table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, etc.

Main table with columns: PBKT, Sadao Pong, 15.74 30 P, Pn, 03 25 23.8 -1.4, etc.

Main table with columns: CD2, comp=Z, 290nm, 12.4s, LR, LR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like W2, KSRS, GEYT, etc.

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WB0, WRA, WRA, etc.

567

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like ZARC Zaragoza, Cauc, NORC Norcasia, SMLC San Martin de, CHIC Chingaza, ROSC El Rosal, etc.

2015 FEB

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like BBAC Isla Barro Col, GR1C Gorgona, Isla, PTLC Puerto Leguiza, CPAS2 Pasto, etc.

13d 4h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like U54A Nelsons Funny, ARAG Araguaiana, MT, PLAL Pickwick Lake, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes entries like K58A Earlville, K57A Scipio Center, K56A Middlesex, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes entries like LATQ La Tuque, E46A Sau Ste Mari, BATG Bathurst New B, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes entries like EDW2 Edwards Air Fo, MPMC Manual Prospec, YMR Madison River, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MORR Plays EI Morr, MAGI Magdalena, ARNL Arenillas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 13 07:46:08.5-1.4, 3.16S, 147.45E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11N1 WAKE ISLAND Hy 2019 39 T, H11N3 WAKE ISLAND Hy 29.70 39 T, etc.

IDC 13 07:48:08.4-1.5, 53.22N, 166.82W, h0km, mb3.2/5, mb1 3.67, mb1mx3.740, mbtmp3.9/7, MS4.0/1, Error ellipse: s-maj=37.5km s-min=23.0km az=169.0, NEIC 13 07:48:12.5-1.4, 53.15N, 0.07:166.70W-0.04, h25km, 12km, Error ellipse: s-maj=10.1km s-min=2.0km az=164.0, AEIC 13 07:48:12.1-1.4, 53.15N, 0.06:166.71W-0.05, h22km, 8km, ML3.4, Error ellipse: s-maj=9.5km s-min=2.2km az=154.0, ISC 13 07:48:12.5-1.6, 53.14N, 0.07:166.71W-0.05, h27km, 12km, n49, e133/52, mb3.4/6, Foc Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MGOD Makushin Gods, MGOD Makushin Rep't, MGOD Pakushin South, etc.

BUC 13 08:02:09.0-5.45, 45N, 26.22E, h135km, 3km, m3.5/22, 58-42D, Error ellipse: s-maj=2.9km s-min=2.3km az=166.0, Romania

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NEHR Nehoiu, NEHR Muntele Rosu, NEHR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LEHL Lehiu, LEHL Lehiu, TESR Tescani, etc.

NNC 13 08:22:32.2-4.6, 37.56N, 71.53E, h104km, 97km, mb3.1, mp3.6, 4C-6D, Error ellipse: s-maj=36.2km s-min=28.9km az=15.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AAK 4.A-Archa, AAK 4.A-Archa, etc.

IDC 13 08:27:37.3-3.1, 14.95S, 167.07E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.740, mbtmp3.9/5, ML4.1/1, MS4.0/1, MS1 4.0/1, ms1mx2.8/28, Error ellipse: s-maj=65.0km s-min=38.8km az=94.0, NOU 13 08:27:50.4, 15.67S, 167.69E, h105km, MLV4.8, Vanuatu Islands

ISC 13 08:27:48.5-1.6, 15.64S, 169.009-167.77E-0.2, h124km, n14, e135/14, mb3.5/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, SANVU Karaatay Point, etc.

ISC 13 08:30:24.1-1.1, 3.35S, 147.92E, h0km, mb3.9/10, mb1 4.2/10, mb1mx4.0/39, mbtmp3.9/10, MS3.3/13, MS1 3.4/13, ms1mx3.2/38, Error ellipse: s-maj=39.6km s-min=19.7km az=117.0, NEIC 13 08:25:30.9-2.8, 2.80S, 0.07:147.3E-0.3, h10km, 2km, mb4.2/5, Error ellipse: s-maj=52.4km s-min=9.5km az=93.0

ISC 08:30:26.1-0.8, 3.25S, 0.1-147.9E-0.2, h10km, n32, e182/19, mb3.9/12, MS3.4/10, Bismark Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, SANVU Karaatay Point, 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 H11N3, H11N2, JCJ, MJAR, KSR5, etc.

SKO 13 08:31:29.2, 40.65N, 19.54E, h3km
TIR 13 08:31:30.5, 40.79N, 19.70E, h4km, g3m, MD3.2
PDG 13 08:31:30.4, 40.5, 40.75N, 19.50E, h18km, 1km, ML2.9/12,
Error ellipse: s-maj=1.6km s-min=1.7km az=2.0

THE 13 08:31:31.8, 40.80N, 19.65E, h7km, 2km, ML2.0/5, Error
ellipse: s-maj=2.1km s-min=0.8km az=250.0

BE0 13 08:31:30.3, 40.80N, 19.72E, h0km, ML2.7/10
ISC 13 08:31:30.3, 40.79N, 19.57E, 0.02, h9km, g3m,
n85, c1909/129, 14C-8D, Albania

Main table for the first column containing station data for various locations like VLO, TIR, KBN, SRN, 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 VAY, UPM, UPM, etc.

NEIC 13 08:35:23.8, 2.2, 0.28S, 0.10:29.70E, 0.06, h10km, 2km,
mb4.4/10, Error ellipse: s-maj=18.3km s-min=6.7km
az=204.0

IDC 13 08:35:25.2, 0.8, 0.31S, 29.74E, h2km, 5km, mb3.8/8,
mb1.3/9.9, mb1mx3.7/38, mbtmp4.0/9, ML3.8/1, MS3.2/5,
Ms1.3/2.5, ms1mx2.9/41, Error ellipse: s-maj=17.8km
s-min=9.9km az=24.0

IAF 13 08:35:27.8, 2.2, 0.15N, 29.63E, h0km, 34km, MD3.3
ISC 13 08:35:23.9, 0.6, 0.27S, 0.09:29.73E, 0.05, h10km, n27,
c125/33, mb4.2/10, MS3.2/4, Zaire

Main table for the second column containing station data for various locations like MBAR, MBAR, 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 ASAR, SONM, MKAR, etc.

KRNET 13 09:45:23.7, 0.1, 43.87N, 69.44E, mb3.2
SOME 13 09:45:23.8, 43.75N, 69.67E
NIN 0.6, 0.45:25.9, 0.8, 43.69N, 69.73E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=4.8km s-min=3.0km az=135.0,
Suspected Mining explosion.

ISC 13 09:45:27.3, 2.3, 43.63N, 0.08:69.64E, 0.09, h0km, n25,
c123/39, 21C-5D, Central Kazakhstan

Main table for the third column containing station data for various locations like BRLS, BRLS, etc.

IDC 13 09:40:01.2, 1.4, 17.83N, 81.69W, h0km, mb3.6/6,
mb1.4/1.9, mb1mx3.8/36, mbtmp3.8/9, ML4.1/2, MS3.1/4,
Ms1.3/2.4, ms1mx2.8/38, Error ellipse: s-maj=40.7km
s-min=27.8km az=60.0

NEIC 13 09:48:03.0, 1.7, 17.88N, 0.06:81.59W, 0.08, h10km, 1km,
mb4.2/27, Error ellipse: s-maj=13.5km s-min=8.7km
az=118.0

ISC 13 09:48:03.9, 0.7, 17.92N, 0.07:81.70W, 0.06, h18km, n51,
c1953/47, mb4.1/11, North of Honduras

Main table for the fourth column containing station data for various locations like FSCY, FSCY, etc.

DJA 13 09:07:33.9, 0.3, 2.2S, 2.119E, h10km, M3.9/12,
ML3.9/12

IDC 13 09:07:33.9, 1.3, 2.44S, 119.62E, h0km, mb3.3/4,
mb1.3/6.5, mb1mx3.4/50, mbtmp3.4/5, ML3.7/1, MS2.7/1,
Ms1.2/7.1, ms1mx2.3/20, Error ellipse: s-maj=69.6km
s-min=19.4km az=72.0

ISC 13 09:07:34.9, 0.2, 4.66S, 0.05:119.51E, 0.06, h10km, n14,
c1903/17, mb3.4/4, Sulawesi

Table with columns: TDK, Taldyqorghan, 3.97 17 eP, Pb, 12 48 05.2 +0.2, etc. Includes various station codes and coordinates.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes station codes like VAY, KNT, GRG and their respective coordinates.

Table with columns: GRG, KKB, Krupnik, 0.54 30 i/Sg, Sg, 13 13 58.6 +0.5, etc. Lists various stations and their parameters.

ISK 13 13:18:28.0, 35:31N-26:06E, h5km, ML3.5/22
THE 13 13:18:28.4, 35:29N-26:10E, h4km-3km, ML3.6/29, Error ellipse: s-maj=3.3km s-min=0.5km az=186.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes station codes like STIA, ZKR, NPS, FRMA, etc.

Table with columns: Nea Kammeni, S, 1.24 333 P, Pb, 13 18 51.1 -0.8, etc. Lists various stations and their parameters, including codes like SNTS, THT2, VAM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, ASAR Alice Springs, YKA Yellowknife Arr.

IDC 13 16:40:57.3 1.4, 25.62N, 141.00E, h203km, 8km, mb3.3/13, mb1 3.8/3.7, mb1mx3.527, mbtmp3.9/16, Error ellipse: s-maj=18.2km s-min=16.9km az=9.0

NEIC 13 16:40:58.2 2.1, 25.72N, 140.84E, 0.1, h210km, 8km, mb4.6/7, Error ellipse: s-maj=25.8km s-min=12.5km az=172.0

JMA 13 16:40:59.7 0.3, 25.80N, 140.36E, h136km, M4.5

ISC 13 16:40:57.1 0.7, 25.63N, 140.91E, 0.09, h200km, n39, e114/43, mb3.6/14, Volcano Islands region

Main table of station data for the first section, including stations like JHH2 Haha-jima-NKT2, CBJJ Chichi jima, CJJ Chichijima, etc.

IDC 13 16:41:44.4 2.4, 6.49S, 129.13E, h0km, mb3.4/1, mb1 3.8/3, mb1mx3.527, mbtmp3.6/3, ML3.4/2, MS2.7/1, Ms1 2.7/1, ms1mx2.2/1, Error ellipse: s-maj=152.3km s-min=32.9km az=68.0, Banda Sea

Table of station data for the second section, including stations like SIJ Sorong, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

IDC 13 16:56:53.8 1.6, 3.60S, 149.85E, h0km, mb3.7/6, mb1 4.0/7, mb1mx3.8/27, mbtmp3.9/7, ML5.3/1, Error ellipse: s-maj=38.3km s-min=25.8km az=96.0

ISC 13 16:56:56.6 1.0, 3.75S, 149.92E, 0.1, h19km, n13, e124/7, mb3.7/6, Bismarck Sea

Table of station data for the third section, including stations like HNR Honiara, WRA Warrungarra Arr, ASAR Alice Springs, etc.

IDC 13 16:58:38.4 1.1, 3.56S, 149.46E, h0km, mb4.2/15, mb1 4.4/17, mb1mx4.2/34, mbtmp4.3/17, ML3.4/2, Error ellipse: s-maj=31.3km s-min=16.0km az=113.0

BUI 13 16:58:39.0 0.0, 3.30S, 149.26E, h13km, mb5.0/25, mb4.4/40, Ms5.1/4, Error ellipse: s-maj=16.7km s-min=14.2km

NEIC 13 16:58:40.9 1.8, 3.39S, 0.08, 149.02E, 0.07, h10km, 1km, Error ellipse: s-maj=13.2km s-min=9.2km

mb4.7/29, Error ellipse: s-maj=14.9km s-min=9.4km az=215.0

ISC 13 16:58:41.2 0.5, 3.40S, 0.06, 149.10E, 0.06, h10km, n73, e136/64, mb4.5/35, 2, Bismarck Sea

Main table of station data for the second section, including stations like MANU Manus Island, RABL Rabaul, PMG Port Moresby, etc.

IDC 13 17:02:05.0 0.9, 3.43S, 148.82E, h0km, mb4.3/17, mb1 4.5/17, mb1mx4.4/30, mbtmp4.3/17, MS4.6/3, Ms1 4.6/3, ms1mx4.3/13, Error ellipse: s-maj=30.4km s-min=14.6km az=103.0

MOS 13 17:02:05.3 1.9, 3.51S, 148.75E, h10km, mb4.7/17, Error ellipse: s-maj=10.2km s-min=7.5km az=109.0

NEIC 13 17:02:05.2 2.2, 3.38S, 0.07, 148.86E, 0.06, h10km, 1km, mb5.0/55, Error ellipse: s-maj=13.2km s-min=9.2km az=218.0

GCMT 13 17:02:07.9 0.1, 3.35S, 0.01, 149.06E, 0.01, h12km, MW5.5/157, Moment Tensor Solution, s109.0192, s157.0291, Duration: 1s3, Moment tensor: Scale 10^17 Nm; Mw=0.09; 0.3; Mw=1.0; 0.3; Mw=1.0; 0.3; Mw=0.12; 0.6; Mw=1.7; 0.2; Mw=0.47; 0.6; Best double couple: M2.07600.1017 NP1=286.00000, 876.00000, lambda=1.00000, NP2=16.00000, 889.00000, lambda=1.66.00000, Principal axes: T 2.1140, Plg9.0000, Azm150.0000; N -0.0770, Plg76.0000, Azm21.0000; P -2.0380, Plg10.0000, Azm242.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

BUI 13 17:02:07.8 0.0, 3.64S, 149.05E, h40km, mb5.2/48, mb4.6/52, Ms5.2/54, Ms5.1/51

DJA 13 17:02:18.3 0.5, 4.54S, 149.92E, h78km, 5km, M4.9/21, mb4.8/21, mb5.3/13, MLV5.2/2, Mw(MB)4.7/13, Mw(Mw)5.1/3, Mw(Mw)3.3

ISC 13 17:02:08.0 0.3, 3.46S, 0.04, 148.95E, 0.04, h19km, n210, e218/120, mb4.8/93, MS5.0/27, 9C-7D, Bismarck Sea

Main table of station data for the third section, including stations like MANU Manus Island, RABL Rabaul, PMG Port Moresby, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like WMQ, DGZ, MK31, MAKZ, ANM, ZALV, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like YKA, OBN, GERS, PLCA, LPZA, TOR, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like X37A, X37A, X37A, HHAR, S39A, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like MIAR, RSSD, T35A, SOC, Z41A, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like MAK, O20A, COLD, GNI, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like NBMO, MOTO, PINE, BRVK, etc.

BC3	Big Chuckawall	60.33	287	P	P	18 58 25.8	-0.7
GLA	Glamis	60.40	287	P	P	18 58 26.2	-0.6
BELC	Belle Mtn. Jos	60.40	288	P	P	18 58 26.7	-0.3
ISA	Isabella, Lake	60.63	291	P	P	18 58 27.7	-0.7
ISA	Isabella, Lake	60.63	291	I	Amb	18 58 46.3	
MIB	Mitribah	60.73	69	eP	P	18 58 28.9	
MACA	Manacapuru-AM	60.65	213	eP	P	18 58 29.2	+0.7
YOTC	Yotoco, Valle	60.71	233	eP	P	18 58 25.1	-4.1
VES	Vestal, Richgr	60.85	292	P	P	18 58 29.0	-0.8
EDW2	Edwards Air Fo	60.92	290	P	P	18 58 30.4	0.0
PFO	Pinyon Flats O	60.95	288	P	P	18 58 30.8	+0.2
PFO	Pinyon Flats O	60.95	288	eP	P	18 58 31.9	+1.2
PFO	Pinyon Flats O	60.95	288	P	P	18 58 30.8	+0.2
PFO	Pinyon Flats O	60.95	288	I	Amb	18 58 44.2	
TPFO	Pinon Flats	60.95	288	P	P	18 58 29.9	-0.8
GEYT	Alibeck	61.01	65	P	P	18 58 32.0	+1.1
GEYT	Alibeck	61.01	65	P	P	18 58 30.3	-0.0
GYA0B	ALIBECK ARRAY	61.01	65	I	Amb	18 58 47.2	
UMR	Ulm Al Rimmam	61.04	78	eP	P	18 58 31.5	
SWSC	Sam Stewart	61.04	287	P	P	18 58 30.9	-0.2
MACC	Macarena, Meta	61.13	230	eP	P	18 58 28.0	-3.9
BFSC	Mount Baldy Ra	61.19	289	P	P	18 58 31.6	-0.7
RDF	Al-Radifah	61.19	79	eP	P	18 58 34.4	
BETC	Betania	61.41	232	eP	P	18 58 35.7	+1.9
IKP	In-Ko-Pah, Jac	61.43	287	P	P	18 58 33.6	-0.3
MONP2	Monument Peak	61.44	288	P	P	18 58 34.2	0.0
ZAA0	Zalesovo Array	61.50	37	I	Amb	18 58 48.9	
ZALV	Zalesovo Beam	61.50	37	P	P	18 58 34.2	+0.3
ZALV	Zalesovo Beam	61.50	37	P	P	18 58 33.5	-0.4
MARP	Paez Belalcaza	61.51	232	eP	P	18 58 35.7	+0.9
PMPB	Monarch Peak	61.52	93	I	Amb	18 58 49.2	
KURK	Kurchatov	61.59	43	eP	P	18 58 34.5	0.0
KURK	Kurchatov	61.59	43	I	Amb	18 58 34.3	-0.2
KURK	Kurchatov	61.59	43	P	P	18 58 35.3	+0.7
KURK	Kurchatov	61.59	43	P	P	18 58 33.4	-1.4
KURBB	Kurchatov Arra	61.62	43	P	P	19 00 48.9	-1.0
KURBB	Kurchatov Arra	61.62	43	P	P	19 00 48.9	-1.0
BAR	Barrett	61.74	288	I	Amb	18 59 04.0	
PKM	Nicherson Peak	61.95	291	P	P	18 58 36.4	-1.1
TLIG	Tiapa	62.05	262	P	P	18 58 37.6	-0.7
TLIG	Tiapa	62.05	262	I	Amb	18 58 49.0	
POPC	Popayan, Colom	62.12	233	eP	P	18 58 38.6	-0.3
PCON	Cinco Dias	62.17	232	eP	P	18 58 41.5	+1.9
FLOC	Flores	62.47	231	eP	P	18 58 43.4	+2.5
SEM	Semipalatinsk	62.49	42	eP	P	18 58 39.9	-1.0
SEM	Semipalatinsk	62.49	42	eP	P	18 58 39.9	-1.0
SMTB	Santa Maria do	62.70	197	eP	P	18 58 44.0	+1.6
NFBG	Novo Progresso	62.71	206	eP	P	18 58 42.6	+0.2
BBAC	Balboa, Cauca	62.85	233	eP	P	18 58 42.5	-1.3
PTLC	Puerto Leguiza	63.30	230	eP	P	18 58 50.2	+3.7
KKAR	Karatay Array	63.68	53	P	P	18 58 48.6	-0.1
KKAR	Karatay Array	63.68	53	P	P	18 58 48.5	-0.1
BTL5	Baital	63.90	49	eP	P	18 58 49.5	-0.5
BTL5	Baital	63.90	49	eP	P	18 58 49.5	-0.5
RAYN	Ar Rayn	64.15	85	I	P	18 58 52.6	+0.5
RAYN	Ar Rayn	64.15	85	P	P	18 58 51.5	-0.6
RAYN	Ar Rayn	64.15	85	P	P	18 58 51.5	-0.6
RAYN	Ar Rayn	64.15	85	P	P	18 58 51.1	-0.9
IUG	Iuzhnyy	64.16	54	eP	P	18 58 51.0	-0.9
IUG	Iuzhnyy	64.16	54	eP	P	18 58 51.0	-0.9
DZA	Taraz	64.23	53	eP	P	18 58 51.5	-0.9
DZA	Taraz	64.23	53	eP	P	18 58 51.4	-0.9
SEY	Seymchan	64.72	358	eP	P	18 58 56.3	+1.2
YAK	Yakutsk	64.75	9	P	P	18 58 54.9	-0.4
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P	18 59 28.6	-6.5
YAK	Yakutsk	64.75	9	eP	P	19 07 53.0	+13.9
YAK	Yakutsk	64.75	9	eP	P	19 08 43.7	
YAK	Yakutsk	64.75	9	eP	P	18 58 54.2	-1.1
YAK	Yakutsk	64.75	9	eP	P		

PBRG	Braganca	comp=Z,243um,31.2s	20.15 112	eP	Pn	19 03 48.7	+0.1
PBRG	Braganca	comp=Z,1um,1.9s		eS	Sn	19 07 45.8	+11
PBRG	Braganca	comp=Z,91um,17.5s		eS	A	19 11 08.2	
PBRG	Braganca	comp=Z,2um,1.6s	20.15 112	eT	T	19 22 50.8	
PVIS	Viseu	comp=Z,2um,1.6s	20.23 116	eP	Pn	19 03 48.9	-0.8
PVIS	Viseu	comp=Z,32um,17.3s		eS	Sn	19 07 51.7	+15
PVIS	Viseu	comp=Z,2um,1.2s		eS	A	19 11 06.0	
PVIS	Coimbra	comp=Z,3um,1.7s	20.23 116	eT	T	19 22 45.4	
COI	Coimbra	comp=Z,2um,1.2s	20.31 118	pmax	pmax	19 03 48.3	-0.1
COI	Coimbra	comp=Z,63um,22.0s		eS	Sn	19 07 52.0	+13
COI	Coimbra	comp=Z,3um,1.3s	20.31 118	eP	Pn	19 03 50.0	-0.4
COI	Coimbra	comp=Z,57um,17.9s		eS	A	19 10 59.8	
COI	Coimbra	comp=Z,2um,1.2s	20.31 118	eT	T	19 23 51.9	
SUMG	Summit	comp=Z,3um,1.2s	20.33 354	iP	Pn	19 03 50.0	-1.0
SUMG	Summit	comp=Z,3um,1.2s	20.33 354	iP	Pn	19 03 50.0	-1.0
SUMG	Summit	comp=Z,3um,1.2s	20.33 354	iP	Pn	19 03 45.7	-3.2
SUMG	Summit	comp=Z,3um,1.2s	20.33 354	iP	Pn	19 04 11.0	
PCAS	Casmilo, Conde	comp=Z,3um,1.7s	20.37 118	eP	Pn	19 03 50.1	-0.9
PCAS	Casmilo, Conde	comp=Z,3um,1.7s	20.37 118	eP	Pn	19 03 47.9	-1.2
PCAS	Casmilo, Conde	comp=Z,57um,17.9s		eS	Sn	19 11 04.2	+14
PCAS	Casmilo, Conde	comp=Z,2um,1.2s	20.41 114	eT	T	19 23 30.8	
MVO	Moncorvo	comp=Z,2um,1.2s	20.41 114	eP	Pn	19 03 50.8	-0.9
MVO	Moncorvo	comp=Z,56um,17.6s		eS	Sn	19 07 52.0	+11
MVO	Moncorvo	comp=Z,2um,1.2s	20.41 114	eP	Pn	19 11 15.2	
MVO	Moncorvo	comp=Z,2um,1.2s	20.41 114	eP	Pn	19 22 41.2	
GBN	Guyborough	comp=Z,91um,17.0s	20.52 262	iP	IAMS_20	19 02 00.4	+0.3
GBN	Guyborough	comp=Z,2um,1.2s		eS	Sn	19 10 52.6	
PSBE	So Bento	comp=Z,2um,1.8s	20.60 120	eP	Pn	19 03 49.9	-1.7
PSBE	So Bento	comp=Z,2um,1.8s	20.60 120	eP	Pn	19 08 00.1	+14
PSBE	So Bento	comp=Z,44um,17.3s		eS	A	19 11 20.6	
PSBE	So Bento	comp=Z,2um,1.8s	20.60 120	eT	T	19 24 06.2	
MTE	Manteigas	comp=Z,2um,1.4s	20.64 116	eP	Pn	19 03 52.3	+0.2
MTE	Manteigas	comp=Z,2um,1.4s	20.64 116	eP	Pn	19 03 54.0	-0.5
MTE	Manteigas	comp=Z,2um,1.4s		eS	Sn	19 08 03.0	+16
MTE	Manteigas	comp=Z,2um,1.4s		eS	A	19 11 13.9	
MTE	Manteigas	comp=Z,47um,17.7s		eS	Sn	19 23 05.8	
MTE	Manteigas	comp=Z,47um,17.7s	20.64 116	eT	T	19 03 55.1	-0.6
PMAFR	Mafrã	comp=Z,5um,1.3s	20.75 122	eP	Pn	19 08 03.0	+14
PMAFR	Mafrã	comp=Z,5um,1.3s	20.75 122	eP	Pn	19 09 42.6	
PMAFR	Mafrã	comp=Z,30um,23.9s		eS	Sn	19 24 05.7	
LIS	Lisbon	comp=Z,5um,2.6s	21.00 122	eP	Pn	19 03 56.5	+0.6
LIS	Lisbon	comp=Z,5um,2.6s	21.00 122	eP	Pn	19 08 09.9	+15
LIS	Lisbon	comp=Z,5um,2.6s	21.00 122	eP	Pn	19 03 57.8	+1.9
LIS	Lisbon	comp=Z,5um,2.6s		eS	Sn	19 10 02.6	
PCBR	Castelo Branco	comp=Z,3um,1.7s	21.07 117	eP	Pn	19 03 58.7	+2.0
PCBR	Castelo Branco	comp=Z,3um,1.7s	21.07 117	eP	Pn	19 08 09.6	+13
PCBR	Castelo Branco	comp=Z,3um,1.7s		eS	Sn	19 11 32.3	
PCBR	Castelo Branco	comp=Z,3um,1.7s	21.07 117	eT	T	19 23 41.5	
PMTG	Montargil	comp=Z,4um,1.5s	21.23 120	eP	Pn	19 03 58.7	+0.3
PMTG	Montargil	comp=Z,4um,1.5s	21.23 120	eP	Pn	19 08 14.3	+14
PMTG	Montargil	comp=Z,4um,1.5s		eS	Sn	19 11 40.9	
PMTG	Montargil	comp=Z,49um,17.8s	21.23 120	eT	T	19 24 17.8	
NUUG	Nuugaitsiaq	comp=Z,1um,1.9s	21.28 342	iP	Pn	19 03 58.1	-0.6
JMIC	Jan Mayen	comp=Z,45nm,0.6s,baz=180,slow=7.1,SNR=3.9	21.34 21	eP	Pn	19 03 59.9	+0.6
JMIC	Jan Mayen	comp=Z,22nm,0.4s,baz=109,slow=10.0,SNR=1.5		eS	Sn	19 07 58.7	+3.4
JMIC	Jan Mayen	comp=Z,106um,22.0s,baz=217,slow=30		eS	Sn	19 09 49.1	
JMIC	Jan Mayen	comp=Z,106um,22.0s,baz=217,slow=30	21.34 21	eP	Pn	19 04 15.9	+17
JMIC	Jan Mayen	comp=Z,106um,22.0s,baz=217,slow=30	21.34 21	eP	Pn	19 07 53.5	-1.8
PMRV	Marv??o	comp=Z,2um,1.9s	21.41 118	eP	Pn	19 04 02.1	+1.7
PMRV	Marv??o	comp=Z,2um,1.9s	21.41 118	eP	Pn	19 08 15.4	+10
PMRV	Marv??o	comp=Z,2um,1.9s	21.41 118	eP	Pn	19 11 45.8	
PMRV	Marv??o	comp=Z,48um,17.8s	21.41 118	eT	T	19 22 52.3	
PMRV	Marv??o	comp=Z,48um,17.8s	21.41 118	eT	T	19 04 01.5	-0.8
SUE	Sulen	comp=Z,41um,2.6s	21.62 52	eP	Pn	19 04 17.3	
SUE	Sulen	comp=Z,41um,2.6s		eS	Sn	19 08 00.8	-0.2
SUE	Sulen	comp=Z,41um,2.6s		eS	Sn	19 09 39.7	
PESTR	Estremoz	comp=Z,54um,17.3s	21.71 119	eP	Pn	19 04 02.7	-0.9
PESTR	Estremoz	comp=Z,54um,17.3s	21.71 119	eP	Pn	19 04 04.8	+1.2
PESTR	Estremoz	comp=Z,54um,17.3s		eS	Sn	19 08 19.4	+7.0
PESTR	Estremoz	comp=Z,54um,17.3s		eS	Sn	19 12 03.4	
PESTR	Estremoz	comp=Z,54um,17.3s	21.71 119	eT	T	19 24 14.8	
PESTR	Estremoz	comp=Z,54um,17.3s	21.71 119	eT	T	19 04 04.6	
KMY	Karmoy	comp=Z,41um,2.3s	21.73 57	eP	Pn	19 04 02.5	-1.1
KMY	Karmoy	comp=Z,41um,2.3s		eS	Sn	19 04 18.1	
KMY	Evora	comp=Z,2um,1.6s	21.73 120	eP	Pn	19 08 03.1	0.0
EVO	Evora	comp=Z,2um,1.6s	21.73 120	eP	Pn	19 04 11.2	+7.4
EVO	Evora	comp=Z,2um,1.6s	21.73 120	eP	Pn	19 07 54.7	-8.9
EVO	Evora	comp=Z,2um,1.6s	21.73 120	eP	Pn	19 04 04.7	+0.9
EVO	Evora	comp=Z,2um,1.6s		eS	Sn	19 08 19.4	+6.5
EVO	Evora	comp=Z,2um,1.6s		eS	A	19 12 29.3	
EVO	Evora	comp=Z,35um,17.0s	21.73 120	eT	T	19 24 06.3	
ASK	Askoy	comp=Z,1um,1.4s	21.77 54	eP	Pn	19 04 04.0	-0.1
PNCL	Nicolau / Gran	comp=Z,1um,1.4s	21.78 122	eP	Pn	19 04 05.4	+1.1
PNCL	Nicolau / Gran	comp=Z,1um,1.4s		eS	Sn	19 08 22.7	+8.7
PNCL	Nicolau / Gran	comp=Z,1um,1.4s		eS	A	19 10 26.8	
PNCL	Nicolau / Gran	comp=Z,23um,21.3s	21.78 122	eT	T	19 24 32.3	
FOO	Floer	comp=Z,2um,1.5s	21.82 51	eP	Pn	19 04 03.9	-0.7
FOO	Floer	comp=Z,2um,1.5s		eP	Pn	19 04 11.3	+0.9
FOO	Floer	comp=Z,2um,1.5s		eS	Sn	19 04 15.9	
FOO	Floer	comp=Z,2um,1.5s		eS	Sn	19 08 03.4	-1.5
BER	Bergen	comp=Z,1um,1.6s	21.84 54	eP	Pn	19 04 04.1	-0.6
FRB	Frøiser Bay	comp=Z,192nm,1.2s,baz=101,slow=10,SNR=38	21.98 315	eP	Pn	19 04 04.2	-2.0
FRB	Frøiser Bay	comp=Z,192nm,1.2s,baz=101,slow=10,SNR=38		eS	Sn	19 08 02.3	-5.5
FRB	Frøiser Bay	comp=Z,77nm,1.0s,baz=245,slow=22,SNR=1.7		eS	Sn	19 10 45.1	
PTEO	Sao Teotônio	comp=Z,232um,20.6s,baz=100,slow=32	22.11 123	eP	Pn	19 04 10.1	+2.3
PTEO	Sao Teotônio	comp=Z,2um,1.3s		eS	Sn	19 08 35.0	+13
PTEO	Sao Teotônio	comp=Z,2um,1.3s		eS	A	19 10 53.4	
PTEO	Sao Teotônio	comp=Z,14um,21.1s	22.11 123	eT	T	19 25 26.9	
MESJ	Messejana	comp=Z,2um,1.8s	22.14 122	eP	Pn	19 04 08.7	+0.5
MESJ	Messejana	comp=Z,2um,1.8s		eS	Sn	19 04 44.1	
MESJ	Messejana	comp=Z,2um,1.8s		eS	Sn	19 08 14.1	+2.6
MESJ	Messejana	comp=Z,2um,1.8s		eS	Sn	19 04 08.7	+0.5
MESJ	Messejana	comp=Z,2um,1.8s		eS	Sn	19 04 08.8	+0.5
MESJ	Messejana	comp=Z,2um,1.8s		eS	Sn	19 08 25.5	+2.8
MESJ	Messejana	comp=Z,2um,1.8s		eS	Sn	19 10 36.4	
MESJ	Messejana	comp=Z,2um,1.8s	22.14 122	eP	Pn	19 24 36.4	
HAL	Halifax	comp=Z,5um,1.2s	22.18 262	eP	Pn	19 04 08.0	-0.6

HAL	Halifax	comp=Z,750um,18.0s	22.18 262	eP	Pn	19 04 08.0	-0.6
HAL	Halifax	comp=Z,750um,18.0s		eS	Sn	19 11 53.4	
PBEJ	Beja	comp=Z,877nm,1.7s	22.19 121	eP	Pn	19 04 09.9	+1.2
PBEJ	Beja	comp=Z,5um,21.3s		eS	Sn	19 08 37.7	+14
PBEJ	Beja	comp=Z,5um,21.3s		eS	A	19 10 46.0	
PBEJ	Beja	comp=Z,5um,21.3s	22.19 121	eT	T	19 25 03.1	
CLF	Chambon-Foret	comp=Z,1um,1.0s	22.23 88	eP	Pn	19 04 08.2	-0.9
CLF	Chambon-Foret	comp=Z,1um,1.0s		eS	Sn	19 04 46.0	
LMN	Caledonia Moun	comp=Z,407um,19.0s	22.30 266	eP	Pn	19 04 06.5	-3.3
LMN	Caledonia Moun	comp=Z,407um,19.0s		eS	Sn	19 12 10.3	
MORF	Marlelete	comp=Z,2um,1.2s	22.33 124	eP	Pn	19 04 10.8	+0.5
MORF	Marlelete	comp=Z,2um,1.2s		eS	Sn	19 04 30.1	
MORF	Marlelete	comp=Z,2um,1.2s		eS	Sn	19 08 17.9	+2.8
MORF	Marlelete	comp=Z,2um,1.2s		eS	Sn	19 04 10.7	+0.5
MORF	Marlelete	comp=Z,2um,1.2s		eS	Sn	19 08 17.8	+2.8
MORF	Marlelete	comp=Z,2um,1.2s		eS	Sn	19 04 10.9	+0.6
MORF	Marlelete	comp=Z,2um,1.2s		eS	Sn	19 08 28.2	+0.9
MORF	Marlelete	comp=Z,2um,1.2s		eS	Sn	19 11 04.2	
MORF	Marlelete	comp=Z,2um,1.2s		eS	Sn	19 25 19.1	
BLSS	Blasjo	comp=Z,2um,1.9s	22.36 57	eP	Pn	19 04 08.9	-1.4
BLSS	Blasjo	comp=Z,2um,1.9s		eP	Pn	19 08 28.9	
PVFI	Vila Bisbo	comp=Z,2um,1.7s	22.37 124	eP	Pn	19 04 09.8	-0.9
PVFI	Vila Bisbo	comp=Z,2um,1.7s	22.37 124	eP	Pn	19 04 09.9	-1.2
PVFI	Vila Bisbo	comp=Z,2um,1.7s		eS	Sn	19 08 26.6	-1.7
PVFI	Vila Bisbo	comp=Z,2um,1.7s		eS	A	19 10 52.8	
PVFI	Vila Bisbo	comp=Z,2um,1.7s		eS	Sn	19 04 11.9	
PCVE	Castro Verde	comp=Z,1um,1.5s	22.39 122	eP	Pn	19 04 09.4	-1.5
PCVE	Castro Verde	comp=Z,1um,1.5s		eS	Sn	19 08 34.1	+5.3
PCVE	Castro Verde	comp=Z,1um,1.5s		eS	A	19 10 56.1	
PCVE	Castro Verde	comp=Z,3um,20.4s	22.39 122	eT	T	19 24 59.9	
BATG	Bathurst New B	comp=Z,3um,1.1s	22.41 270	eP	Pn	19 04 09.8	-1.2
BATG	Bathurst New B	comp=Z,3um,1.1s		eS	Sn	19 04 25.1	
BATG	Bathurst New B	comp=Z,3um,1.1s		eS	Sn	19 12 23.7	
PMOZ	Porto Moniz, M	comp=Z,2um,1.5s	22.41 146	eP	Pn	19 04 11.0	-0.3
PMOZ	Porto Moniz, M	comp=Z,2um,1.5s	22.41 146	eP	Pn	19 04 15.9	+4.7
PMOZ	Porto Moniz, M	comp=Z,2um,1.5s		eS	Sn	19 08 27.4	-1.9
PMOZ	Porto Moniz, M	comp=Z,2um,1.5s		eS	A	19 10 50.9	
PMOZ	Porto Moniz, M	comp=Z,76um,21.8s	22.41 146	eT	T	19 26 51.9	
DBG	Daneborg	comp=Z,1um,1.5s	22.42 8	eP	Pn	19 04 13.1	+2.3
DBG	Daneborg	comp=Z,1um,1.5s		eS	Sn	19 14 23.6	
ODDI	Odda	comp=Z,287um,9.6s	22.45 55	eP	Pn	19 04 08.9	-2.5
ODDI	Odda	comp=Z,287um,9.6s		eS	Sn	19 04 28.1	
PMPST	Porto Santo, M	comp=Z,2um,1.6s	22.48 144	eP	Pn	19 04 12.9	+1.0
PMPST	Porto Santo, M	comp=Z,2um,1.6s		eS	Sn	19 08 41.2	+10
PMPST	Porto Santo, M	comp=Z,2um,1.6s		eS	A	19 10 53.5	
UCC	Uccle	comp=Z,71um,22.2s	22.49 80	eP	Pn	19 04 10.4	-1.4

SUW	Suwalki	32.35	65	eP	P	19 05 41.7	+0.1
SUW				eP	sP	19 05 47.5	+0.1
SUW				eP	P	19 05 55.4	
SUW	Suwalki	32.35	65	eP	P	19 05 58.6	+4.0
SUW	Suwalki	32.35	65	eP	P	19 05 38.8	-2.8
SUW				eP	P	19 05 37.7	-3.9
SUW	comp=Z,2um,1.0s			pmax	pmax		
SUW	comp=Z,2.96um,20.0s			MLR	MLR		
SUW	Suwalki	32.35	65	eP	P	19 05 37.6	-3.9
MORI	Moric	32.44	86	eP	P	19 05 38.8	-3.7
PRIJ	Prijedor	32.47	84	eP	P	19 05 52.0	+9.3
NIE	Niedzica	32.50	74	eP	P	19 05 44.3	+1.2
NIE				eP	sP	19 05 50.2	+1.4
NIE				eS	S	19 11 06.6	+1.0
ZIRJ	Zirje	32.52	86	eP	P	19 05 39.5	-3.6
WVNY	West Valley, N	32.55	87	Iamb	Iamb	19 06 10.0	
WVNY	comp=Z,2.861nm,1.2s			IAMS_20	IAMS_20	19 17 05.6	
MVL	Millersville	32.59	265	Iamb	Iamb	19 06 16.4	
MVL	comp=Z,560nm,1.2s			IAMS_20	IAMS_20	19 17 08.7	
Q61A	Milford	32.66	263	P	P	19 05 44.6	+0.2
PAGS	Pennsylvania G	32.67	266	P	P	19 05 44.0	-0.5
PAGS	comp=Z,397um,22.0s			IAMS_20	IAMS_20	19 17 10.2	
EUNU	Eureka	32.72	345	P	P	19 05 43.0	-1.7
EUNU	comp=Z,347um,19.0s			IAMS_20	IAMS_20	19 17 46.3	
KIJV	Kijevo	32.80	85	eP	P	19 05 42.8	-2.8
M56A	Emporium	32.82	269	eP	P	19 05 45.9	+0.9
M56A	comp=Z,685nm,1.1s			Iamb	Iamb	19 06 35.6	
M56A	comp=Z,340um,19.0s			IAMS_20	IAMS_20	19 18 54.9	
O58A	Lewisberry	32.86	266	P	P	19 05 46.8	+0.6
N57A	Milroy	32.86	267	P	P	19 05 46.7	+0.5
VSU	Vasula	32.86	56	eP	P	19 05 46.5	+0.5
VSU	comp=Z,2um,1.4s			pmax	pmax	19 05 45.1	-0.9
VSU	comp=Z,238um,20.0s			MLR	MLR		
P59A	Jarrettsville	32.87	265	P	P	19 05 47.9	+1.6
BLY	Banja Luka	32.88	84	eP	P	19 05 43.8	-2.5
PSZ	Piskesteto	32.94	77	eP	P	19 05 43.9	-0.9
PSZ	comp=Z,891nm,1.3s			Iamb	Iamb	19 06 12.7	
MGRS	Mrkonicj Grad	32.99	84	eP	P	19 05 48.6	+1.3
MORH	Mrgy, Hungary	33.01	80	eP	P	19 05 47.0	-0.4
MORH	comp=Z,891nm,1.3s			eP	P	19 05 47.1	-0.5
KECS	Kecevo	33.03	76	eP	P	19 05 47.1	-0.5
KECS	comp=Z,155nm,1.1s			pmax	pmax		
KECS	Kecevo	33.03	76	eP	P	19 05 47.1	-0.5
SSPA	Standing Stone	33.14	268	IAMS_20	IAMS_20	19 18 56.5	
RES	Resolute Bay	33.17	334	P	P	19 05 47.8	-0.8
RES	comp=Z,66nm,1.0s,baz=97,slow=8.8,SNR=33			S	S	19 10 59.6	-7.3
M55A	Ridgway	33.19	270	P	P	19 05 48.4	-0.7
M55A	comp=Z,266nm,0.9s			Iamb	Iamb	19 06 00.8	
M55A	comp=Z,464nm,0.9s			IAMS_20	IAMS_20	19 18 58.5	
N56A	West Decatur	33.22	268	P	P	19 05 50.1	+0.7
O57A	Amberson	33.24	267	P	P	19 05 49.4	-0.1
SDMD	Soldier's Deli	33.24	265	IAMS_20	IAMS_20	19 17 47.3	
I51A	Listowel	33.25	275	P	P	19 05 51.6	+2.0
CRVS	Cervenica-Dubn	33.41	74	eP	P	19 05 51.5	+0.5
CRVS	comp=Z,2um,1.7s			pmax	pmax		
CRVS	Cervenica-Dubn	33.41	74	eP	P	19 05 51.5	+0.5
CRVS	comp=Z,2.5um,1.8s			eS	S	19 11 22.1	+1.0
CRVS	comp=Z,2.5um,1.8s			eS	SS	19 13 38.3	+3.1
ISAL	Salakas	33.42	61	eP	P	19 05 48.8	-2.2
Q59A	Harwood	33.47	264	P	P	19 05 53.5	+2.0
P58A	Pank, Wackersv	33.48	265	P	P	19 05 50.3	-1.3
RICI	Ricice	33.52	86	eP	P	19 05 48.6	-3.4
IIGN	Ignalina	33.55	61	eP	P	19 05 52.5	+0.4
KEST	Keসা	33.55	103	P	P	19 05 50.2	-1.2
KEST	comp=Z,46nm,1.0s,baz=264,slow=1.4,SNR=14			S	S	19 11 12.0	-2.8
KEST	comp=Z,5.3nm,0.9s,baz=332,slow=2.7,SNR=1.2			LR	LR	19 18 49.2	
KEST	comp=Z,2.25um,18.6s,baz=270,slow=3.5			LR	LR	19 18 49.2	
KEST	comp=Z,8.5nm,1.1s,baz=315,slow=3.1,SNR=5.2			P3Kpbc	P3Kpbc	19 37 14.1	
KEST	Keসা	33.55	103	P	P	19 05 50.2	-2.2
KEST	comp=Z,598nm,0.8s			Iamb	Iamb	19 06 21.0	
MAKA	Makaraska	33.56	86	eP	P	19 05 48.7	-3.5
ERPA	Erie	33.56	271	P	P	19 05 53.2	+0.9
ERPA	comp=Z,55,SNR=13			Iamb	Iamb	19 06 09.2	
ERPA	Erie	33.56	271	P	P	19 05 51.6	-0.7
ERPA	comp=Z,436nm,0.9s			IAMS_20	IAMS_20	19 18 50.3	
SGRT	San Giovanni R	33.64	89	Iamb	Iamb	19 06 16.2	
M54A	Oil Creek Stat	33.71	270	P	P	19 05 54.9	+1.2
M54A	comp=Z,874nm,1.5s			Iamb	Iamb	19 06 22.8	
M54A	Oil Creek Stat	33.71	270	P	P	19 05 52.8	-0.9
M54A	comp=Z,1um,1.6s			Iamb	Iamb	19 06 25.0	
M54A	comp=Z,338um,18.0s			IAMS_20	IAMS_20	19 19 18.4	
O56A	Blue Knob Stat	33.77	268	P	P	19 05 56.2	+2.0
O56A	comp=Z,53,SNR=12			Iamb	Iamb	19 07 25.5	
O56A	Blue Knob Stat	33.77	268	P	P	19 05 56.2	+2.0
O56A	comp=Z,2um,1.7s			IAMS_20	IAMS_20	19 20 41.2	
R60A	Leonardtown, M	33.80	263	P	P	19 05 56.0	+1.6
KWP	Kalwaria Pacia	33.82	73	eP	P	19 05 55.7	+1.2
KWP	comp=Z,50nm,1.1s			eP	sP	19 06 01.0	+0.7
KWP	Kalwaria Pacia	33.82	73	Iamb	Iamb	19 06 17.0	
L53A	Girard	33.82	271	P	P	19 05 54.8	+0.2
IDID	Idiziasle	33.84	61	eP	P	19 05 54.7	+0.2
KOLS	Kolonickie sedl	33.88	74	eP	P	19 05 53.1	-1.9
KOLS	comp=Z,404nm,1.3s			pmax	pmax		
KOLS	Kolonickie sedl	33.88	74	eP	P	19 05 53.1	-1.9
KOLS	comp=Z,53nm,1.0s			eS	SS	19 11 28.8	+1.9
KOLS	comp=Z,53nm,1.0s			eS	SS	19 13 57.4	+1.3
E46A	Sault Ste Mari	33.91	281	P	P	19 05 54.9	-0.4
E46A	comp=Z,1um,1.6s			Iamb	Iamb	19 06 19.9	
E46A	comp=Z,361um,21.0s			IAMS_20	IAMS_20	19 17 39.9	
P57A	Homestead Farm	33.91	266	P	P	19 05 56.6	+1.2
P57A	comp=Z,52,SNR=16			IAMS_20	IAMS_20	19 19 52.0	
P57A	Homestead Farm	33.91	266	P	P	19 05 56.6	+1.2
ALLY	Alegheny Colle	33.92	271	Iamb	Iamb	19 06 07.2	
ALLY	comp=Z,533nm,1.0s			IAMS_20	IAMS_20	19 19 09.0	
NACGM	Naroch	34.01	62	iP	P	19 05 56.5	+0.4
NACGM	comp=Z,2um,1.4s			iP	P	19 05 56.5	+0.4
NACGM	comp=Z,2um,1.4s			iP	P	19 05 56.5	+0.4
NACGM	comp=Z,2um,1.4s			iP	P	19 07 09.0	-3.9
NACGM	comp=Z,2um,1.4s			iP	P	19 07 09.0	-3.9
NACGM	comp=Z,2um,1.4s			iP	P	19 07 09.0	-3.9
NACGM	comp=Z,2um,1.4s			iP	P	19 07 09.0	-3.9

NACGM	Uzhgorod	34.03	74	iP	P	19 05 56.9	+0.3
NACGM	comp=N,14um,17.0s			eS	MLR	19 11 21.2	+0.5
NACGM	comp=E,7um,17.0s			MLR	MLR		
Q58A	Fox Den Farm,	34.05	265	P	P	19 05 56.9	+0.3
Q58A	comp=Z,7um,17.0s			baz=51,SNR=21			
APA	Apacity	34.06	39	iP	P	19 06 01.0	+4.6
APA	comp=Z,2um,1.6s			iP	SS	19 06 37.0	
APA	comp=Z,2um,1.6s			iP	SS	19 13 23.0	-2.5
R59A	King George, V	34.17	263	P	P	19 05 59.1	+1.5
R59A	comp=Z,2um,1.6s			MLR	MLR		
AMBH	Ambrzfalva	34.20	79	iP	P	19 05 57.6	-0.1
S60A	Water View	34.21	262	P	P	19 05 58.6	+0.7
N54A	Moraine State	34.23	270	P	P	19 05 57.2	-0.9
N54A	comp=Z,802nm,1.0s			Iamb	Iamb	19 06 10.2	
N54A	Moraine State	34.23	270	P	P	19 05 57.3	-0.9
N54A	comp=Z,357um,18.0s			IAMS_20	IAMS_20	19 19 42.1	
FRGS	Fruska Gora	34.25	81	iP	P	19 05 56.0	-2.3
FRGS	Fruska Gora	34.25	81	eP	P	19 05 54.2	-4.1
HAPS	Han Pjiesak,Bl	34.30	83	eP	P	19 05 58.9	+0.1
CBN	Corbin Frederi	34.32	264	P	P	19 06 00.9	+2.0
CBN	comp=Z,860nm,1.4s			Iamb	Iamb	19 07 16.6	
CBN	comp=Z,440um,19.0s			IAMS_20	IAMS_20	19 19 31.0	
M53A	WI Miller and	34.37	271	P	P	19 05 58.3	-1.0
M53A	comp=Z,508nm,1.0s			Iamb	Iamb	19 06 11.0	
M53A	WI Miller and	34.37	271	P	P	19 05 59.0	-0.3
M53A	comp=Z,508nm,1.0s			IAMS_20	IAMS_20	19 19 30.7	
LTVH	Ltavres,Heu	34.39	77	iP	P	19 05 58.4	-0.9
TEKS	Tekeri	34.40	82	eP	P	19 05 57.7	-1.9
P56A	Dayton Farm, R	34.41	267	P	P	19 06 00.8	+1.1
Q57A	Strasburg	34.43	266	P	P	19 06 00.2	+0.2
FCC	Fort Churchill	34.44	305	IAMS_20	IAMS_20	19 18 15.2	
FCC	comp=Z,168um,18.0s			IAMS_20	IAMS_20	19 18 15.2	
LVZ	Lovozero	34.49	38	P	P	19 05 57.4	-2.8
LVZ	comp=Z,314nm,0.8s			pmax	pmax		
LVZ	Lovozero	34.49	38	P	P	19 05 57.4	-2.8
LVZ	comp=Z,121um,22.0s			eP	P	19 06 00.8	+0.4
LVZ	L'vov	34.50	72	eP	P	19 07 21.6	
LVZ	comp=Z,2um,1.4s			eP	PPP	19 07 30.9	
LVZ	comp=Z,2um,1.4s			eS	SS	19 11 25.0	-3.0
LVZ	comp=Z,2um,1.4s			eS	SSS	19 13 31.7	-2.6
LVZ	comp=Z,2um,1.4s			eS	SSS	19 14 04.7	
LVV	comp=Z,8um,3.7s			pmax	pmax		
LVV	comp=N,46um,14.0s			MLR	MLR		
LVV	comp=E,24um,14.0s			MLR	MLR		
LVV	comp=Z,58um,14.0s			MLR	MLR		
S59A	Mechanicsville	34.56	263	P	P	19 06 02.0	+1.1
T60A	Surry	34.62	262	P	P	19 06 02.4	+0.8
T60A	comp=Z,49,SNR=10			Iamb	Iamb	19 06 17.3	
T60A	Surry	34.62	262	P	P	19 06 02.4	+0.8
T60A	comp=Z,495nm,0.8s			Iamb	Iamb	19 06 17.3	
R58A	Rapidan	34.65	264	P	P	19 06 02.7	+1.0
R58A	comp=Z,50,SNR=20			Iamb	Iamb	19 06 37.6	
TREB	Trebjine	34.66	86	eP	P	19 06 02.6	+0.5
BBLs	Blaž#263;i	34.70	83	eP	P	19 05 59.5	-2.7
BRY	Bratogost	34.70	85	eP	P	19 05 58.9	-3.4
BRY	Bratogost	34.70	85	eP	P	19 05 59.5	-2.7
M52A	Chesterland	34.73	272	IAMS_20	IAMS_20	19 05 02.3	-0.1
M52A	comp=Z,306um,19.0s			IAMS_20	IAMS_20	19 19 44.2	
MNK	Minsk	34.75	62	iP	P	19 06 02.0	-0.4
MNK	comp=Z,3um,1.0s			iP	P	19 06 10.0	
MNK	comp=N,3um,1.0s			iP	P	19 06 10.0	
MNK	comp=Z,12um,4.0s			iP	P	19 07 16.0	
MNK	comp=Z,						

13d 18h

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LPSR, 154A, SLVT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CCM, MLTY, CUPR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like K31A, Y45A, O'Neill, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OLQ, GPW, A05A, NLWA, C06D, etc.

MAN 13 19:15:49.0,521N-125.80E,h34km,mb4.4,ML3.3,MS3.0, 1C-1D,Mindanao

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

13d 19:21:02.5,1.8,2.97S-130.55E,h0km,mb3.6/2, mb1.3,8/4,mb1mx3.5,45,mbtmp3.7/4,ML3.2/2,Error ellipse: s-maj=68.3km s-min=21.5km az=93.0,Seram

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

NEIC 13 19:27:31.8,1.7,5.6:75N:0.05:156:60W:0.08,h74km,8km, Error ellipse: s-maj=8.1km s-min=5.3km az=142.0

AEIC 13 19:27:33.2,5.5,5.6:75N:0.04:156:53W:0.07,h54km,7km, ML3.7,ML3.9/20(NEIC), Error ellipse: s-maj=6.9km s-min=4.5km az=147.0

13d 19:27:33.1,4.4,5.7:17N:156:69W,h62km,38km,mb3.3/5, mb1.3/7,mb1mx3.7/8,mbtmp3.7/8,ML3.9/3,Error ellipse: s-maj=42.6km s-min=28.3km az=5.0

ISC 13 19:27:32.3,0.9,5.6:81N:0.07:156:62W:0.05,h82km,9km, n130,1927/133,mb3.6/5,Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PLBL, PLK3, PLK2, etc.

Main table with columns: CNBA, IAML, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CNBA, A05A, NLWA, etc.

13d 19:30:57.4,1.4,5.2:62N:32:40W,h0km,mb3.8/15, mb1.4/0.17,mb1mx3.8/80,mbtmp3.8/17,ML4.1/2,Error ellipse: s-maj=44.8km s-min=14.9km az=179.0

NEIC 13 19:31:00.2,1.2,5.2:81N:0.3:32:4W:0.2,h15km,6km, mb4.5/11, Error ellipse: s-maj=37.5km s-min=13.0km az=179.0

ISC 13 19:30:59.2,0.9,5.2:7N:0.2:32:36W:0.08,h10km,n36, g088/33,mb4.0/21,Reykjanes Ridge

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

Table with columns: HFS, GERES, ARCES, FINES, etc. Includes stations like Hagfors, Geres, etc.

BGR 13 19:32:52.8,0.0,51.23N:35:16W,h10km,mb5.6,Ms5.5

BUI 13 19:33:08.2,0.0,52:56N:32:01W,h10km,mb5.1/2, mb4.9/48

IDC 13 19:33:08.6,0.3,52:64N:32:40W,h0km,mb4.8/55, mb1.4/9.57,mb1mx4.8/81,mbtmp4.9/57,ML5.3/2,Error ellipse: s-maj=10.4km s-min=7.7km az=6.0

MOS 13 19:33:08.6,0.9,52:64N:32:29W,h11km,mb5.4/44,Error ellipse: s-maj=6.2km s-min=4.3km az=54.7

NEIC 13 19:33:10.6,1.1,5.2:62N:0.08:32:3W:0.1,h14km,9km, mb5.2/397, Error ellipse: s-maj=11.5km s-min=10.3km az=47.0

DNK 13 19:33:16.4,2.6,5.2:65N:32:32W,h63km,30km,mb5.1

ISC 13 19:33:11.6,0.6,52:66N:0.05:32:35W:0.04,h18km,2km, h19km,pp-P,1117,e1808/1047,mb5.2/374,71C-55D, Reykjanes Ridge

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

Table with multiple columns containing station call signs (e.g., RUE, NKC, ROTZ), frequencies (e.g., 27.67, 27.69), and other technical data. The table is organized into several vertical sections.

MDM	Murphy Dome	52.80	331	P	P	19 42 25.4	+0.3
PV07	Paradox Valley	52.82	287	P	I	19 42 26.3	+0.5
PV07	Paradox Valley	52.82	287	I	Amb	19 42 27.4	
HDA	Harding Lake	52.82	330	P	P	19 42 25.8	+0.6
HDA	Harding Lake	52.82	330	I	Amb	19 42 37.9	
CCB	Clear Creek Bu	52.91	331	P	P	19 42 26.0	+0.2
PV01	Paradox Valley	52.93	286	P	P	19 42 27.2	+0.2
I23K	Minto, Yukon-K	52.99	332	P	P	19 42 27.7	+1.3
JCT	Junction City	52.99	273	P	P	19 42 25.5	-1.5
JCT	Junction City	52.99	273	I	Amb	19 42 45.8	
PV04	Paradox Valley	53.00	287	P	P	19 42 27.5	+0.4
PV04	Paradox Valley	53.00	287	I	Amb	19 42 28.8	
PV23	Carpenter Ridg	53.02	287	I	Amb	19 43 07.8	
PV02	Paradox Valley	53.03	287	I	Amb	19 42 29.5	
PV11	David Mtn, Pa	53.05	287	P	P	19 42 27.6	+0.1
PV03	Paradox Valley	53.06	287	I	Amb	19 42 46.7	
PV16	Nyswonger Mesa	53.06	287	P	P	19 42 28.0	+0.4
PV20	New Nyswonger	53.07	287	I	Amb	19 42 29.1	
PV14	Lion Creek, Pa	53.08	287	I	Amb	19 42 29.7	
PV19	Morning Glory	53.10	287	P	I	19 42 28.3	+0.4
PV19	Morning Glory	53.10	287	I	Amb	19 42 29.3	
WRH	Wood River Hill	53.12	331	P	P	19 42 28.3	+0.9
NEA2	Nenana	53.32	331	P	P	19 42 28.4	-0.5
PAX	Paxson	53.40	328	P	P	19 42 30.5	+0.9
PAX	Paxson	53.40	328	P	pmx		
PAX	Paxson	53.40	328	P	I	19 42 30.5	+0.9
PAX	Paxson	53.40	328	I	Amb	19 42 51.1	
MLY	Manley	53.47	332	P	P	19 42 30.3	+0.3
EIL	Elat	53.48	88	P	P	19 42 30.3	+0.1
BARN	Barnard Glac	53.49	325	I	Amb	19 42 33.0	
MVCO	Mesa Verde	53.56	286	P	P	19 42 32.0	+0.6
MVCO	Mesa Verde	53.56	286	P	P	19 42 31.9	+0.6
MVCO	Mesa Verde	53.56	286	I	Amb	19 42 50.5	
IMAR	Indian Mountain	53.58	334	P	P	19 42 31.3	+0.6
LTY	Liberty	53.64	302	I	Amb	19 42 31.9	
BGU	Big Grassy Mou	53.68	292	P	P	19 42 31.8	-0.3
ANMO	Albuquerque	53.90	282	P	P	19 42 34.6	+0.8
ANMO	Albuquerque	53.90	282	P	pmx	19 42 35.0	+1.2
ANMO	Albuquerque	53.90	282	P	P	19 42 34.1	+0.3
G08A	Pilot Rock	54.04	299	I	Amb	19 42 58.1	
DUG	Dugway, Tooele	54.05	291	P	P	19 42 35.0	+0.3
DUG	Dugway, Tooele	54.05	291	I	Amb	19 42 36.1	
N25K	Chitina, Valde	54.10	327	P	P	19 42 33.9	-0.8
RDOG	Red Dog Mine	54.12	339	P	P	19 42 35.5	+0.8
RDOG	Red Dog Mine	54.12	339	I	Amb	19 42 56.8	
RND	Reindeer	54.13	330	P	P	19 42 35.3	+0.4
RND	Reindeer	54.13	330	P	pmx		
RND	Reindeer	54.13	330	P	I	19 42 35.3	+0.4
RND	Reindeer	54.13	330	I	Amb	19 43 07.5	
M24K	Tolsona, Glenn	54.25	328	P	P	19 42 35.7	-0.1
ABKAR	Akbulak array	54.32	54	P	P	19 42 36.1	-0.3
ABKAR	Akbulak array	54.32	54	I	Amb	19 42 38.0	
KLU	Klutina	54.62	327	I	Amb	19 43 20.8	
KTH	Kantishna Hill	54.64	331	I	Amb	19 42 59.6	
D03D	Eldon	54.70	304	P	P	19 42 38.4	-0.7
D04E	Lakebay	54.77	303	P	P	19 42 38.7	-1.0
MSU	Marysvalle	54.82	289	P	P	19 42 40.7	+0.2
MSU	Marysvalle	54.82	289	P	P	19 42 40.7	+0.2
MSU	Marysvalle	54.82	289	P	P	19 42 40.9	+0.2
ELK	Elko	55.05	293	P	P	19 42 42.2	+0.1
ELK	Elko	55.05	293	P	pmx		
E04D	Cinebar	55.08	303	P	P	19 42 42.2	+0.1
E04D	Cinebar	55.08	303	P	P	19 42 40.0	-2.0
SML	Sawmill	55.16	329	I	Amb	19 42 57.7	
TIXI	Tiksi	55.28	7	P	P	19 42 44.6	+1.6
TIXI	Tiksi	55.28	7	P	pmx		
TIXI	Tiksi	55.28	7	P	I	19 42 44.0	+1.0
TIXI	Tiksi	55.28	7	I	Amb	19 43 05.5	
GHO	Glory Hole Cre	55.38	329	I	Amb	19 42 56.4	
MNTX	Cornudas Mount	55.51	278	P	P	19 42 44.8	-0.5
MNTX	Cornudas Mount	55.51	278	P	P	19 42 44.4	-0.9
PPLA	Purkeypile	55.51	331	I	Amb	19 43 04.6	
PMR	Palmer	55.58	329	I	Amb	19 43 07.2	
SPR3	Spring Creek 3	55.72	291	P	P	19 42 48.1	+1.1
SPR3	Spring Creek 3	55.72	291	I	Amb	19 42 49.0	
W18A	Petrified Fore	55.72	284	P	P	19 42 47.0	+0.1
W18A	Petrified Fore	55.72	284	I	Amb	19 43 06.3	
PSUT	Pine Spring	55.76	290	P	P	19 42 47.1	-0.1
WVOR	Wild Horse Val	55.78	297	I	Amb	19 42 48.9	
I05D	Terrebonne, OR	55.94	300	P	P	19 42 47.5	-0.8
PINE	Pine Mountain	56.10	299	I	Amb	19 42 51.4	
RC01	Rabbit Creek A	56.15	329	P	P	19 42 49.6	+0.2
CCUT	Cedar City	56.16	289	P	P	19 42 50.3	+0.2
TXAR	Lajitas Array	56.16	275	P	P	19 42 49.5	-0.6
TXAR	Lajitas Array	56.16	275	P	P	19 42 49.1	-0.9
TX31	Lajitas Ar. Si	56.16	275	I	Amb	19 43 54.2	
U15A	North Rim	56.31	287	I	Amb	19 42 52.0	
121A	Cookes Peak, D	56.37	281	P	P	19 42 51.8	+0.1
WUAZ	Wupatki	56.41	286	P	P	19 42 51.8	0.0
WUAZ	Wupatki	56.41	286	I	Amb	19 42 53.5	
BRVK	Borovoye	56.50	45	P	P	19 42 53.0	+1.0
BRVK	Borovoye	56.50	45	P	pmx		
BRVK	Borovoye	56.50	45	P	P	19 42 52.4	+0.4
J05D	Fort Rock, OR	56.60	299	P	P	19 42 53.8	+0.7
K05A	Summer Lake	56.80	298	I	Amb	19 42 56.3	
101A	Tendick Farm,	56.87	300	P	P	19 42 54.8	-0.1
R04A	Troy Canyon, C	56.88	291	P	P	19 42 55.0	-0.2
MOD	Modoc Plateau	57.05	297	I	Amb	19 42 57.5	
J04D	Umpqua Nation	57.09	299	P	P	19 42 56.3	-0.4

X16A	Lo Mia Camp, P	57.21	285	I	Amb	19 43 00.3	
PRN	Pahroc Range	57.22	290	I	Amb	19 42 59.2	
TNA	Tin City	57.30	340	P	P	19 42 58.8	+1.4
TNA	Tin City	57.30	340	I	Amb	19 43 14.1	
L04D	Klamath Falls	57.91	299	P	P	19 43 00.5	-1.8
M04C	Macdoel	57.96	298	P	P	19 43 02.3	-0.4
TPH	Toponah	57.99	292	P	P	19 43 03.2	+0.1
TPH	Toponah	57.99	292	P	pmx		
TPH	Toponah	57.99	292	P	P	19 43 03.2	+0.1
PTGA	Pittinga	58.02	213	P	P	19 43 02.2	-1.0
PTGA	Pittinga	58.02	213	P	P	19 43 03.1	-0.1
PTGA	Pittinga	58.02	213	P	I	19 43 02.6	-0.5
PAHR	Pah Rah Range	58.06	295	I	Amb	19 43 14.1	
TPNV	Topopah Spring	58.23	290	P	P	19 43 03.8	-0.9
TPNV	Topopah Spring	58.23	290	I	Amb	19 43 14.6	
NV11	Mina Array Sit	58.27	293	I	Amb	19 43 16.5	
K02D	Willamette Mer	58.30	300	P	P	19 43 04.4	-0.6
TUC	Tucson	58.31	283	P	P	19 43 05.2	0.0
TUC	Tucson	58.31	283	P	P	19 43 04.6	-0.6
TUC	Tucson	58.31	283	P	I	19 43 24.1	
RYN	Ryan	58.34	293	I	Amb	19 43 15.4	
NVAR	Mina Array Bea	58.35	293	P	P	19 43 05.3	-0.3
YBH	Yreka Blue Hor	58.46	299	P	P	19 43 04.8	-1.3
YERR	Yerington	58.49	294	I	Amb	19 43 20.9	
BEKR	Beckworth	58.49	296	P	P	19 43 06.8	+0.4
VCNR	Virginia City	58.50	295	I	Amb	19 43 16.9	
LHV	Little Huntoon	58.59	293	I	Amb	19 43 22.8	
L02E	Cave Junction	58.64	299	P	P	19 43 06.3	-1.0
M02C	Callahan	58.78	298	P	P	19 43 06.7	-1.6
ROSC	Roscoe	58.82	231	P	P	19 43 08.9	-0.3
GRAC	El Rosal	58.82	231	P	P	19 43 09.0	-0.3
ROSC	Grapevine Rang	58.83	291	P	P	19 43 09.1	+0.3
MTO3	Montecristo	58.85	252	I	Amb	19 43 56.8	
PDMCI	Parker Dam, Lak	58.88	287	P	P	19 43 09.7	+0.7
FURC	Furce Creek,	58.92	290	P	P	19 43 09.0	-0.2
O03E	Paynes Creek	58.98	297	P	P	19 43 09.4	-0.3
N02D	Trinity Center	58.99	298	P	P	19 43 08.5	-1.4
ORV	Oroville	59.34	296	P	P	19 43 11.8	-0.4
ORV	Oroville	59.34	296	P	pmx		
ORV	Oroville	59.34	296	P	P	19 43 11.8	-0.4
GRMC	Granite Mounta	59.42	288	P	P	19 43 13.0	0.0
IRM	Iron Mountain	59.56	287	P	P	19 43 14.0	+0.2
MPMC	Manual Prospec	59.56	291	P	P	19 43 14.0	0.0
O02D	Mt. Diablo Mer	59.60	297	P	P	19 43 12.3	-1.7
CWC	Cottonwood Cre	59.63	291	P	P	19 43 14.6	+0.1
GSC	Goldstone, Bar	59.71	289	P	P	19 43 14.8	0.0
GSC	Goldstone, Bar	59.71	289	I	Amb	19 43 16.8	
BRZS	Berezniiki	59.75	46	eP	P	19 43 13.9	-1.0
BRZS	Berezniiki	59.75	46	eP	P	19 43 13.8	-1.1
BRZS	Berezniiki	59.75	46	eP	pmx		
214A	Organ Pipe Nat	59.77	284	P	P	19 43 15.2	0.0
214A	Organ Pipe Nat	59.77	284	I	Amb	19 43 16.8	
HEC	Hector, Ludlow	59.77	289	P	P	19 43 15.6	+0.3
CMB	Columbia Colle	59.80	294	P	P	19 43 15.2	-0.2
CMB	Columbia Colle	59.80	294	P	pmx		
CMB	Columbia Colle	59.80	294	P	P	19 43 15.2	-0.2
LRMC	Laurel Mtn Rad	60.09	290	P	P	19 43 17.8	+0.2
BC3	Big Chuckwack	60.10	287	P	P	19 43 18.4	+0.8
GLA	Glamis	60.17	286	P	P	19 43 18.0	0.0
BELC	Belle Mtn, Jos	60.17	288	P	P	19 43 18.7	+0.6
ISA	Isabella, Lake	60.41	291	P	P	19 43 20.6	+1.0
ISA	Isabella, Lake	60.41	291	I	Amb	19 43 21.6	
VES	Vestal, Richgr	60.62	291	P	P	19 43 20.4	-0.6
EDW2	Edwards Air Fo	60.69	290	P	P	19 43 22.8	+1.3
PFO	Pinyon Flats O	60.72	288	P	P	19 43 22.9	+1.1
PFO	Pinyon Flats O	60.72	288	eP	P	19 43 22.8	+1.0
PFO	Pinyon Flats O	60.72	288	P	pmx		
PFO	Pinyon Flats O	60.72	288	P	I	19 43 23.3	+0.4
PFO	Pinyon Flats O	60.72	288	I	Amb	19 43 32.5	
TPFO	Pinon Flats	60.72	288	P	P	19 43 22.4	+0.5
SWSC	Sam W. Stewart	60.81	287	P	P	19 43 22.8	+0.4
MIB	Mitribah	60.86	78	eP	P	19 43 21.8	
RST	Umm Al-Ruwaisa	60.88	79	eP	P	19 43 22.8	
BFSC	Mount Baldy Ra	60.96	289	P	P	19 43 24.4	+0.9
MURC	Murrieta	61.05	288	P	P	19 43 24.7	0.0
IKP	In-Ko-Pah, Jac	61.20	287	P	P	19 43 25.9	+0.8
MONP2	Monument Peak	61.21	287				

Table with columns: MORR, Plays EI Morr, 1.76 285 P, Pn, 19 39 20.0 -1.0, etc. Lists various astronomical objects and their observations.

Table with columns: R49A, comp=Z,4.6nm,0.6s, Iamb, Iamb, 19 46 37.6, etc. Lists astronomical objects with specific parameters and observations.

Table with columns: QSPA, South Pole Qui, 86.98 180 P, P, 19 51 29.5 +1.4, etc. Lists astronomical objects with specific parameters and observations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TTA, BRK, NVAR, MK31, MKAR, MKAR, SONM, WRA, WRA, ASAR.

IDC 13 19:47:40.0-7.52:61Nk:31.96W, h0km, mb4.2/28, mb1.4/3.1, mb1mx4.2/5.7, mbtmp4.3/3.1, ML4.5/3, MS5.5/1, Ms1.5/1, ms1mx4.6/6.6, Error ellipse: s-maj=19.8km s-min=1.1, Okm az=10.0

NEIC 13 19:47:42.0-1.5:52:67Nk:10.31:9W:0.1, h10km, 1km, mb4.8/38, Error ellipse: s-maj=18.2km s-min=13.6km az=179.0

ISC 13 19:47:42.7-0.5:52:72Nk:07.31:92W:0.05, h13km, n162, o1505/161, mb4.6/70.6, CD-10D, Northern Mid-Atlantic Ridge

Main table of station data for the left column, including stations like NRS, BORG, BORG, DSB, DSB, DRNL, DRNL, SFJD, SFJD, ESK, EKA, SCO, LILU, SUMG, SUMG, SUMG, SUMG, PCBR, PMTG, PMRV, PESTR, PNOL, FRB, MESJ, DBG, BATG, BATG, KONO, WUD, MUD, E63A, NC204, NB000, NB2, NOA, NB201, NC303, NC303, NC602, NC405, ECH, ECH, BFO, BFO, HFS, GRFO, GRFO, GRA1, GRA1, DAVA, TUE, TUE, MOQ, CLV, CLV, CLL, CLL, DAVOX, DAVOX, RETA, FETA, SOTA, BRG, BRG, WATA, WTTA, KHC, KHC, GEC2, GEC2, GEC3, CTI, CTI, ABTA, CKRC, TEOL, KBA, STAL, ZOU, UPC, MOA, DPC, MYKA, TRI, TRI, OBKA, CONA, SOKA, ARSA, ARCES.

Main table of station data for the middle column, including stations like ARCES, FINES, FIA1, FIA1, LANS, MORH, RES, KEST, KEST, KOLS, FRGS, SIRR, SIRR, BZS, DRGR, PDG, MDVR, GZLR, HERR, ARCR, BUR08, BUR08, BURAR, BURAR, AKASG, AKASG, AKKB, AKKB, BIZ, EYMN, EYMN, FNA, VTS, MLR, MLR, MLR, PLVB, OBN, OBN, OBN, AGG, AGG, HARR, ALN, YKA, YKA, ECSD, MDUB, BR131, BRTR, BRTR, BRTR, BELG, TOAO, TOAO, TORO, TORO, KZB, ARU, BOZ, SW06, PDAR, DLMT, DBIC, DBIC, RDMU, AKTO, ILAR, ILAR, PV12, PV11, PV03, PV03, PV16, PV16, PV18, PV18, PV17, ABKAR, TIXI, TIXI, ELK, WVOR, WVOR, BRVK, BRVK, TXAR, X16A, NVAR, NVAR, MIB, RST, GEYT, ZAAO, ZAAO, ZALV, MK31, MK31, MKAR, MKAR, UOKS, UOKS, SONM, SONM, GTA, GTA, WRA, WRA, ASAR, ASAR.

Main table of station data for the right column, including stations like ETSF, ETSF, ATE, ATE, SJPF, SJPF, SJPF, SJPF, ECHI, ECHI, LDG, MDD, ETSF, ETSF, ATE, EPF, EPF, EPF, EPF, ECHI, ECHI, EORO, CSOR, MTLF, MTLF, MTLF, LFF, LFF, LFF, LFF, BUJ, NIED, ASIES, JMA, NEIC, TAP, MOS, NEIC, IDC, GGMT, LDUT, TTT.

LDG 13 20:02:38.3-0.0:43:05Nk:01:46W, h2km, Md0.9/2, Error ellipse: s-maj=1.3km s-min=0.7km az=171.0

MDD 13 20:02:38.5-0.5:43:05Nk:01:45W, h0km, mbl.g0.8/2, Error ellipse: s-maj=2.3km s-min=1.2km az=167.0

TTN	baz=293	S	Sb	20 06 44.5	-0.8	
EDH	Donghe baz=349	0.38 340	P	Pb	20 06 39.5	-1.6
EDH	S		Sb	20 06 45.0	-2.0	
TWGBT	Beinan baz=299	0.39 302	P	Pb	20 06 39.7	-1.6
TWG	Pinlang baz=298	0.40 301	P	Pb	20 06 39.8	-1.7
TWG	S		Sb	20 06 45.2	-2.3	
TWG	Pinlang baz=298	0.40 301	Pb	Pb	20 06 38.6	-2.8
TWG	Pinlang		Sn	20 06 51.8	+3.1	
LONT	Longtian	0.41 316	P	Pb	20 06 39.8	-1.8
ECL	Taimali baz=316	0.45 268	P	Pb	20 06 40.2	-2.0
ECL	baz=261		Sb	20 06 45.9	-2.9	
CHKT	Chengkung baz=300	0.49 352	P	Pb	20 06 41.1	-1.7
CHKT	S		Sb	20 06 47.6	-2.2	
TAW	Tawu baz=247	0.57 244	P	Pb	20 06 42.3	-1.6
TAW	S		Sb	20 06 49.7	-2.2	
LAY	Lan-yu baz=157	0.58 170	P	Pb	20 06 43.5	-0.7
EAST	Anshuo baz=241	0.60 248	P	Pb	20 06 42.8	-1.7
EAST	S		Sb	20 06 49.9	-2.9	
FULB	Fulli baz=335	0.60 347	P	Pb	20 06 42.7	-1.9
FULB	eS		Sb	20 06 50.5	-2.4	
ELDTW	Lidau baz=327	0.70 326	P	Pb	20 06 43.7	-2.5
ELDTW	S		Sb	20 06 52.2	-3.5	
SLIU	Shizi baz=232	0.71 237	P	Pb	20 06 44.6	-1.8
EYUL	Yuli baz=340	0.74 351	P	Pn	20 06 44.9	-2.0
EYUL	eS		Sb	20 06 56.4	-0.4	
TSMG	Majia baz=272	0.74 277	P	Pn	20 06 44.7	-2.2
TSMG	eS		Sb	20 06 53.1	-3.8	
MASBT	Mashbuluo baz=264	0.75 270	P	Pn	20 06 45.0	-2.0
MASBT	S		Sb	20 06 54.1	-2.9	
TWF1	Yuli baz=339	0.75 350	P	Pn	20 06 44.8	-2.2
TWF1	S		Sb	20 06 55.5	-1.5	
SSD	Sandimen baz=275	0.76 280	P	Pn	20 06 44.9	-2.3
SSD	eS		Sb	20 06 53.3	-4.1	
YULB	Yu-li	0.79 350	Pn	Pb	20 06 44.8	-2.8
YULB	Sg		Sb	20 06 55.7	-2.4	
SCZT	Fangliang baz=343	0.80 253	P	Pn	20 06 46.0	-1.6
SSPT	Xinbi baz=255	0.82 261	P	Pn	20 06 47.0	-0.9
SSPT	S		Sb	20 06 57.3	-1.7	
SLGT	Liugui baz=296	0.83 298	P	Pn	20 06 46.4	-1.7
STYH	Taoyuan baz=312	0.83 312	P	Pn	20 06 46.4	-1.7
STYT	Tauiyuan baz=310	0.84 311	P	Pn	20 06 46.4	-1.9
STYT	S		Sb	20 06 56.7	-2.9	
TSEB	Hengchuen, Pin baz=315	0.87 216	P	Pn	20 06 47.9	-0.7
TSEB	eS		Sb	20 07 00.5	+0.2	
HGSD	Ruisui baz=11	0.88 359	P	Pn	20 06 46.6	-2.1
HGSD	eS		Sb	20 07 01.1	+0.5	
TSPT	Pingtung City baz=264	0.88 275	P	Pn	20 06 48.1	-0.6
TSPT	S		Sb	20 07 00.6	0.0	
TWKB	Hengchun baz=210	0.89 221	P	Pn	20 06 47.6	-1.2
SGLT	Jiouru baz=277	0.89 278	P	Pn	20 06 48.3	-0.6
HEN	Hengchun baz=224	0.89 227	P	Pn	20 06 48.0	-0.9
TWK1	Hengchun baz=218	0.89 222	P	Pn	20 06 47.7	-1.2
TWK1	S		Sn	20 07 00.3	-0.5	
EHY	Hungye baz=344	0.90 353	P	Pn	20 06 46.9	-2.1
SNW	Nanwan baz=221	0.91 225	eP	Pn	20 06 48.7	-0.5
SCST	Cishan baz=284	0.92 288	P	Pn	20 06 48.8	-0.5
SGST	Jiashian baz=299	0.92 301	P	Pn	20 06 47.7	-1.7
SGST	S		Sn	20 06 60.0	-1.7	
TWM1	Shoushan baz=280	0.97 283	P	Pn	20 06 50.2	+0.2
TWM1	eS		Sb	20 07 05.2	+2.0	
YUS	Yu-Shan baz=327	0.98 333	P	Pn	20 06 48.9	-1.8
WTP	Ta-pu baz=314	0.99 310	P	Pn	20 06 49.6	-0.7
WTP	S		Sn	20 07 03.0	-0.4	
TPUB	Ta-pu baz=312	1.02 313	P	Pn	20 06 50.0	-0.7
TPUB	S		Sn	20 07 02.3	-1.7	
TPUB	Ta-pu	1.02 313	Pn	Pb	20 06 49.2	-1.5
TPUB	Pb		Pb	20 07 02.1	-1.9	
WLCH	Liuqiu baz=240	1.02 256	eP	Pn	20 06 52.7	+1.2
CHN1	Nanshi baz=308	1.02 304	eP	Pn	20 06 50.7	0.0
CHN1	iS		Sn	20 07 03.9	-0.1	
SNJT	Kaohsiung City baz=275	1.03 278	eP	Pb	20 06 52.1	+0.3
SNJT	S		Sb	20 07 08.0	+3.0	
TWP	Hsiailiuchiu baz=240	1.03 255	eP	Pb	20 06 52.9	+1.1
KAU	Kaohsiung baz=265	1.05 268	eP	Sb	20 06 52.8	+0.7
KAU	eS		Sb	20 07 08.0	+2.5	
EGFH	Guangfu baz=347	1.05 359	eP	Pn	20 06 50.1	-1.1
SNST	Tainan City baz=312	1.06 305	eP	Pn	20 06 51.3	0.0
ALS	Alitashan baz=327	1.07 327	eP	Pn	20 06 50.8	-0.9
CHN4	Tsaushan baz=313	1.08 313	eP	Pn	20 06 51.2	-0.3
CHN4	eS		Sn	20 07 05.7	+0.3	
TWK	Hsiinying baz=314	1.10 307	eP	S	20 06 51.6	-0.2
TWK	S		Sb	20 07 07.0	+0.1	
CHN3	Shinhua baz=292	1.10 295	eP	Pb	20 06 52.9	0.0
CHN3	S		Sb	20 07 08.7	+1.9	
VWDT	VWDT baz=354	1.17 346	eP	Pn	20 06 51.8	-1.0
ESL	Shilin	1.20 360	eP	Pn	20 06 51.0	-2.1
TAI1	Yung-kang baz=288	1.20 291	eP	Pb	20 06 54.0	-0.6

TAI1	baz=288	S	Sb	20 07 10.4	+0.6	
CHN5	Tsauling baz=324	1.21 324	eP	Pn	20 06 53.4	0.0
CHN5	eS		Sb	20 07 10.6	+0.4	
WHYT	Xinyi Township baz=341	1.21 333	eP	Pn	20 06 53.2	-0.1
WHYT	S		Sn	20 07 08.8	0.0	
SSLB	Suanglung baz=348	1.25 339	eP	Pn	20 06 53.3	-0.9
SSLB	Suanglung	1.25 339	Pn	Pb	20 06 53.1	-0.9
SSLB	S		Pb	20 06 55.2	-0.7	
CHN2	Minshiang baz=315	1.28 316	eP	Pb	20 07 12.3	+0.2
CHN2	iS		Sb	20 06 54.9	+0.6	
SCLT	Jiali baz=293	1.28 296	eP	Pn	20 07 12.5	+0.4
SCLT	iS		Sb	20 06 55.2	-0.9	
CHY	Chiayi baz=310	1.29 313	eP	Pb	20 07 12.0	-0.4
CHY	iS		Sb	20 06 54.9	+0.2	
ICHU	Yijhu baz=303	1.31 305	eP	Pn	20 06 56.1	-1.0
WGK	Gukung baz=322	1.34 323	eP	Pb	20 07 14.0	+0.1
WGK	S		Sb	20 06 55.6	+0.3	
CHN8	Yiji baz=302	1.35 303	eP	Pn	20 07 12.4	+0.3
CHN8	S		Sn	20 06 56.2	+0.9	
WDLH	Dotou baz=321	1.36 322	eP	Pn	20 07 14.3	-0.1
WDLH	S		Sb	20 06 55.4	-0.1	
SMLT	Sun Moon Lake baz=346	1.36 339	eP	Pn	20 07 13.2	+0.6
SMLT	S		Sn	20 06 54.4	-1.1	
HWA	Hwallen baz=16	1.37 6	eP	Pn	20 06 56.7	-0.8
WJS	Zhushan baz=331	1.37 331	eP	Pn	20 07 14.5	-0.3
WJS	S		Sb	20 06 56.2	+0.4	
TYC	Yuchr baz=338	1.40 337	eP	Pn	20 07 14.8	-0.5
TYC	S		Sb	20 06 57.8	-1.0	
WNT	Mingjian baz=330	1.44 331	eP	Pb	20 07 15.8	-1.0
WNT	S		Sn	20 06 57.2	+0.6	
WTK	Tuku baz=316	1.45 318	eP	Pn	20 07 15.4	+0.9
WTK	eS		Sn	20 06 56.2	-0.8	
CHGB	Renai baz=10	1.46 350	eP	Pn	20 06 57.0	+0.1
WPL	Puli Township baz=352	1.47 342	eP	Pn	20 07 15.9	+0.9
WPL	S		Sn	20 06 58.2	-1.0	
WNT1	Nantou City baz=331	1.47 332	eP	Pb	20 07 17.2	-0.3
WNT1	S		Sb	20 06 55.5	-1.4	
TWD	Chiwan baz=355	1.47 5	P	Pn	20 06 57.8	+0.5
DPDB	Guoxing baz=353	1.49 342	eP	Pn	20 06 57.8	+0.2
WSF	Zhu baz=311	1.52 313	eP	Pn	20 07 16.7	+0.3
WSF	S		Sn	20 06 58.1	+0.5	
WCS	Beigang Elemen baz=330	1.52 341	eP	Pn	20 06 56.9	-1.3
WHF	Hehuan Shan baz=5.0	1.54 354	eP	Pn	20 06 56.4	-1.8
NACB	Ninganchiao baz=354	1.56 5	eP	Pn	20 07 14.7	-2.7
NACB	eS		Sn	20 06 56.3	-1.8	
ETLH	Xiulin Townshi baz=1.0	1.56 1	eP	Pn	20 06 56.9	-1.7
RLNB	Erin baz=320	1.62 322	eP	Pn	20 06 59.4	+0.4
WMLT	Mailiao baz=315	1.64 317	eP	Pn	20 06 58.7	-0.4
WMLT	eS		Sn	20 06 59.5	+0.3	
FUSS	Fushou baz=4.0	1.64 354	eP	Pn	20 06 59.4	-0.6
TWT	Tachien baz=350	1.65 351	eP	Pn	20 06 59.4	-0.2
TDCB	Techi baz=350	1.66 351	eP	Pn	20 07 00.7	+1.0
WCHH	Zhanghua baz=318	1.67 331	eP	S	20 07 02.1	-1.4
WCHH	S		Sb	20 07 01.1	+1.3	
TCU	Taichung baz=353	1.69 335	eP	Pn	20 07 01.1	+0.6
WHP	Taichung City baz=353	1.72 345	eP	Pn	20 07 23.0	+1.6
WHP	eS		Sn	20 07 00.5	-0.5	
WDGT	Dungji baz=288	1.77 292	eP	Pn	20 07 20.3	-2.1
WDGT	iS		Sn	20 07 00.8	-0.9	
NNSB	Datong baz=7.0	1.81 358	eP	Pn	20 07 00.8	-0.9
NNSH	Datong baz=10.0	1.81 358	eP	Pn	20 07 01.3	-0.5
NNS	Nan Shan baz=10.0	1.82 358	P	Pn	20 07 00.9	-1.0
ENA	Nanau baz=356	1.83 9	P	Pn	20 07 03.0	+1.1
TWQ1	Liyutan baz=339	1.84 341	eP	Pn	20 07 26.1	-1.9
TWQ1	S		Sb	20 07 03.6	+1.0	
WDJ	Dajia District baz=335	1.88 337	eP	Pn	20 07 28.2	-1.1
WDJ	S		Sb	20 07 04.1	+1.2	
NSY	Sanyi baz=339	1.90 341	eP	Pn	20 07 28.5	-1.5
NSY	iS		Sb	20 07 02.8	-0.6	
PHUB	Peng-hu baz=295	1.94 298	eP	Pn	20 07 25.1	-1.7
PHUB	S		Sn	20 07 02.9	-0.6	
VCHM	Qimei baz=285	1.95 288	eP	Pn	20 07 25.5	-1.5
VCHM	S		Sn	20 07 03.5	-0.5	
PNG	Penghu baz=296	1.98 299	eP	Pn	20 07 26.2	-1.5
PNG	iS		Sn	20 07 03.4	-0.6	
NDT	Datong Townshi baz=1.0	1.98 2	eP	Pn	20 07 05.2	+0.8
NMLH	Miaoili baz=340	2.01 343	eP	Pn	20 07 03.9	-0.6
ENTT	Nicoudu baz=3.0	2.02 3	eP	Pn	20 07 04.1	-0.4
TWC	Suao baz=20	2.02 10	eP	Pn	20 07 04.4	-0.2
TWC	S		Sb	20 07 04.6	-0.4	
NDS	Dongshang baz=339	2.05 358	Pn	Pn	20 07 05.7	+0.8
YHNB	Yeheng baz=346	2.05 349	eP	Pn	20 07 05.0	-0.1
NSTT	Nanjuang baz=10.0	2.06 349	eP	Pn	20 07 06.0	+0.9
NSK	Sanang baz=347	2.06 349	eP	Pn	20 07 04.9	-0.8
LIQB	Emei baz=5.0	2.11 6	eP	Pn	20 07 06.5	+0.6

NJN	Zhunanz baz=343	2.13 346	eP	Pn	20 07 06.5	+0.6
NJD	Zhudong baz=336	2.14 351	eP	Pn	20 07 07.7	+1.5
NJD	eS		Sb	20 07 34.6	-2.2	
NWLT	Wulai baz=1.0	2.16 1	eP	Pn	20 07 05.9	-0.5
ILA	Ilan baz=357	2.16 7	eP	Pn	20 07 06.8	+0.4
HSN1	Hsinchu baz=347	2.19 350	eP	Pn	20 07 07.7	+0.9
BBP	Basco baz=12	2.21 167	eP	Pn	20 07 06.3	-0.8
SBBC	Hsinchu baz=347	2.21 349	eP	Pn	20 07 07.7	+0.6
HSN	Hsinchu baz=347	2.23 349	eP	Pn	20 07 08.3	+1.0
NTC	Toucheng baz=357	2.26 9	eP	Pn	20 07 08.3	+0.5
JYNG	Yongunijimaku baz=39	2.29 37	eP	Pn	20 07 08.2	0.0
JYNG	eS		Sn	20 07 09.1	+0.7	
YOJ	Yonguniji jima baz=38	2.34 38	eP	Pn	20 07 09.0	+0.2
YOJ	eS		Sn	20 07 37.6	+1.1	
YOJ	Yonguniji jima baz=38	2.34 38	Pn	Pn	20 07 08.7	-0.1
NHDH	Yonguniji jima baz=11	2.34 2	eP	Pn	20 07 09.0	+0.1
TATO	Taipei baz=10.0	2.35 1	eP			

13d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SNI Sorong, ZIRO Tana Toraja, TRIT Trangg, etc.

2015 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DGPR DIGLIPUR, PPBI Pangkajene, TSI Tuntunan, etc.

620

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LEM Lembang, SOEI Soe, LWLI Liwa, etc.

13d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NWA0, SVE, GEYT, ARU, BBO0, etc.

2015 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AJN, SHAO, TNA, KIRV, etc.

622

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KIV, KISL, NEY, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like URZ Urewera, NA001 NORSAR Array S, GZR Gura Zlata, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MORH Mrgy, Hungary, DIVS Divibare, SUE Sulen, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CKRC Cesky Krumlov, BLY Banja Luka, FLTG Flechtingen, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like WCI Wyandotte Cave, WHAR Woolly Hollow, MIAR Mount Ida, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like VNA3 Neumayer Olymp, DWPF Disney Wildern, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like CPUP comp=Z,8.7nm,0.8s, etc.

Table with columns: PRP, Porcupine Dome, 44.83 332, P, P, 21 31 11.8 +2.1, 21 31 14.1, RDOG, Red Dog Mine, 45.36 343, P, P, 21 31 16.1 +2.4, 21 31 19.5, etc.

Table with columns: mb1 4.3/27, mb1mx4.1/52, mbtmp4.2/27, ML3.9/2, Error ellipse: s-maj=19.7km s-min=10.8km az=7.0, NEIC 13 21:25:18.1e, 1.5, 52.45N, 0.09:32:3W, 0.1, h10km, 1km, mb4.6/130, Error ellipse: s-maj=15.9km s-min=14.5km az=160.0, ISC 13 21:25:17.9, 0.4, 52.45N, 0.08:32:33W, 0.05, h10km, m207, c0597/207, mb4.6/99, 1C, Reykjan Ridge

Table with columns: GNI, comp=Z, 7.5nm, 1.0s, Iamb, Iamb, 21 34 30.9, BCAR, Beaver Creek A, 52.32 327, P, P, 21 34 30.2 +1.0, HGT, Haines Junction, 52.34 323, P, P, 21 34 30.8 +1.2, etc.

BUI 13 21:25:16.0, 0.0, 52.50N, 32:50W, h10km, mb4.6/31 IDC 13 21:25:16.3, 0.0, 52.48N, 32:39W, h0km, mb4.2/25,

21 34 27.0 -0.6, 21 34 29.7 +0.9

Table with columns: KKAR, comp, IAmB, IAmB, 21 35 49.6, 63.97 53 P P, 21 35 49.0 -2.0, 63.97 53 P P, 21 35 48.6 -2.4, 63.98 53 P P, 21 34 49.0 -2.2, 63.98 53 P P, 21 38 07.5 +0.3, 66.45 43 P P, 21 36 07.4 +0.3, 69.36 52 P P, 21 36 28.5 +2.9, 71.09 41 eP P, 21 36 37.3 +1.2, 74.06 28 P P, 21 36 53.7 -0.1, 74.22 27 P P, 21 36 56.0 +1.2, 74.48 354 P P, 21 36 55.6 -0.3, 75.15 216 P P, 21 37 58.9 -2.1, 77.53 216 IAmB IAmB, 21 37 15.8 +1.4, 21 37 18.0, 21 37 23.8 +1.2, 21 37 25.9, 79.52 36 pP pP, 21 37 25.1 +0.4, 21 37 30.6 -0.1, 21 37 33.4 +0.7, 81.94 27 eP P, 21 37 38.9 +1.3, 82.16 53 eP P, 21 37 39.7 +0.5, 82.88 53 eP P, 21 37 43.2 +0.4, 83.36 52 eP P, 21 37 45.9 +0.5, 83.43 52 eP P, 21 37 46.7 +0.9, 83.55 52 eP P, 21 37 47.2 +0.7, 83.60 52 eP P, 21 37 46.8 +0.1, 83.61 52 eP P, 21 37 47.1 +0.3, 84.70 52 eP P, 21 37 52.6 +0.3, 84.90 51 eP P, 21 37 54.3 +1.0, 85.16 51 eP P, 21 37 54.9 +0.4, 87.46 31 P P, 21 38 05.1 -0.4, 21 38 08.3 +0.3, 21 38 11.1 +0.3, 92.16 24 eP P, 21 38 27.0 -0.5, 145.93 23 PKPbc PKPbc, 21 44 57.3 +0.5, 149.39 25 PKPbc PKPbc, 21 45 06.5 -0.4, 149.39 25 PKPbc PKPbc, 21 45 05.3 -1.6

JMA 13 21:48:36.8, 22:67N, 121:42E, h14km, 2km, M2.8
TAP 13 21:48:38.5, 22:71N, 121:29E, h22km, ML2.9, B
ISC 13 21:48:38.3, 0.9, 22:69N, 0.02, 121:34E, 0.02, h26km, 5km, n95, e088/145, 2C-4D, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, LDUT Ludao, TTN Taitung, TTN Taitung, TWGBT Beinan, TWGBT Beinan, TWG Pinlang, TWG Pinlang, EDH Donghe, EDH Donghe, LONT Longtian, LONT Longtian, ECL Taimali, ECL Taimali, CHKT Chengkung, CHKT Chengkung, FULB Full, FULB Full, TAW Tawu, TAW Tawu, EAST Anshuo, EAST Anshuo, ELDTW Lidau, ELDTW Lidau, TSMG Majia, TSMG Majia, EYUL Yuli, EYUL Yuli, SSD Sandimen, SSD Sandimen, TWF1 Yuli, TWF1 Yuli, MASBT Mashibuluo, MASBT Mashibuluo, LAY Lan-yu, LAY Lan-yu, SLIU Shizi, SLIU Shizi, STYH Taoyuan, STYH Taoyuan, STYH Taoyuan, STYT Taoyuan, STYT Taoyuan, SCZT Fangliu, SCZT Fangliu, SCZT Fangliu

Table with columns: SSPT Xinbi, SSPT Xinbi, SGST Jiashan, SGST Jiashan, HGSD Ruisui, HGSD Ruisui, HGSD Cishan, HGSD Cishan, EHY Hungye, EHY Hungye, TWMT Shoushan, TWMT Shoushan, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, YUS Yu-Shan, YUS Yu-Shan, YUS Yu-Shan, HEN Hengchun, HEN Hengchun, TSEB Hengchuen, TSEB Hengchuen, TSEB Hengchuen, TPUB Ta-pu, TPUB Ta-pu, TWKBT Hengchun, TWKBT Hengchun, TWKBT Hengchun, TWK1 Hengchun, TWK1 Hengchun, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, SNST Tainan City, SNST Tainan City, CHN4 Tsausan, CHN4 Tsausan, CHN4 Alishan, CHN4 Alishan, WLCH Liugu, WLCH Liugu, TWK Hsiung, TWK Hsiung, EGFH Guangfu, EGFH Guangfu, CHN3 Shinhua, CHN3 Shinhua, VWDT Wudat, VWDT Wudat, CHN5 Tsauling, CHN5 Tsauling, CHN5 Shilin, CHN5 Shilin, SSLB Suanlung, SSLB Suanlung, CHY Chiayi, CHY Chiayi, CHY Chiayi, ICHU Yijhu, ICHU Yijhu, WKG Gukeng, WKG Gukeng, WDLH Douliu, WDLH Douliu, WDLH Sun Moon Lake, WDLH Sun Moon Lake, WJS Zhushan, WJS Zhushan, TYC Yuch, TYC Yuch, WTK Tuku, WTK Tuku, WNT Mingjian, WNT Mingjian, WNT Puli Township, WNT Puli Township, CHGB Renai, CHGB Renai, DPDB Guoxing, DPDB Guoxing, DPDB Beigang Elemen, DPDB Beigang Elemen, WCS Weng, WCS Weng, NACB Ninganchiao, NACB Ninganchiao, NACB Niulin Townshi, NACB Niulin Townshi, FUSF Fushou, FUSF Fushou, TWT Tachien, TWT Tachien, TDCB Tech, TDCB Tech, WHP Taichung City, WHP Taichung City, WHP Tungji, WHP Tungji, WDGTT Datong, WDGTT Datong, NNSB Datong, NNSB Datong, NNSH Datong, NNSH Datong, TWQ1 Liyuan, TWQ1 Liyuan, TWQ1 Nan Shan, TWQ1 Nan Shan, ENA Nanau, ENA Nanau, PHUB Peng-hu, PHUB Peng-hu, VCHM Qimei, VCHM Qimei, PNG Penghu, PNG Penghu, ENTT Niudou, ENTT Niudou, NNSD Dongshan, NNSD Dongshan, LIOB Emlu, LIOB Emlu, NSK Sanguang, NSK Sanguang, TWE Neicheng, TWE Neicheng, NWLT Wulai, NWLT Wulai

Table with columns: JYNG Yonagunijimaku, JYNG Yonagunijimaku, JYNG Shuangxi, JYNG Shuangxi, IRIF Iriomote-Funau, IRIF Iriomote-Funau, WVUC WVUC, WVUC WVUC, JKRS Kuro-shima, JKRS Kuro-shima, JIU Ishigaki jima, JIU Ishigaki jima, PTMZ Houxiangcun, PTMZ Houxiangcun, KNM Kinmen, KNM Kinmen, KNMB Chirimen Tao, KNMB Chirimen Tao, JISG Ishigakijimahi, JISG Ishigakijimahi, JISG Tarama, JISG Tarama, JATB Ma-tsu, JATB Ma-tsu, AXDP Jialang, AXDP Jialang

JMA 13 21:51:32.3, 22:67N, 121:43E, h19km, 2km, M3.0
TAP 13 21:51:33.6, 22:69N, 121:35E, h25km, ML3.0, B
ISC 13 21:51:33.4, 0.9, 22:66N, 0.02, 121:37E, 0.02, h26km, 5km, n97, e088/149, 2C-2D, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, LDUT Ludao, LDUT Ludao, TTN Taitung, TTN Taitung, TTN Taitung, TWGBT Beinan, TWGBT Beinan, TWG Pinlang, TWG Pinlang, TWG Pinlang, EDH Donghe, EDH Donghe, EDH Donghe, LONT Longtian, LONT Longtian, LONT Longtian, ECL Taimali, ECL Taimali, CHKT Chengkung, CHKT Chengkung, CHKT Chengkung, TAW Tawu, TAW Tawu, TAW Tawu, FULB Full, FULB Full, FULB Full, EAST Anshuo, EAST Anshuo, EAST Anshuo, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, LAY Lan-yu, LAY Lan-yu, TSMG Majia, TSMG Majia, TSMG Mashibuluo, TSMG Mashibuluo, MASBT Sandimen, MASBT Sandimen, SSD Sandimen, SSD Sandimen, SLIU Shizi, SLIU Shizi, EYUL Yuli, EYUL Yuli, TWF1 Yuli, TWF1 Yuli, TWF1 Yuli, TWF1 Yuli, SLGT Liugu, SLGT Liugu, SCZT Fangliu, SCZT Fangliu, STYH Taoyuan, STYH Taoyuan, STYH Taoyuan, STYT Taoyuan, STYT Taoyuan, STYT Taoyuan, SSPT Xinbi, SSPT Xinbi, TSPT Pingtung City, TSPT Pingtung City, HGSD Ruisui, HGSD Ruisui, HGSD Cishan, HGSD Cishan, SCST Cishan, SCST Cishan, SGST Jiashan, SGST Jiashan, SGST Hungye, SGST Hungye, EHY Hungye, EHY Hungye, TSEB Hengchuen, TSEB Hengchuen, HEN Hengchun, HEN Hengchun, TWKBT Hengchun, TWKBT Hengchun, TWK1 Hengchun, TWK1 Hengchun, TWMT Shoushan, TWMT Shoushan, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, TPUB Ta-pu, TPUB Ta-pu, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, WLCH Liugu, WLCH Liugu, SNST Tainan City, SNST Tainan City, TWP Hsioliuchiu, TWP Hsioliuchiu, CHN4 Tsausan, CHN4 Tsausan, CHN4 Alishan, CHN4 Alishan, ALS Alishan

13d 22h

Table with columns: ALS, EGFW, TWK, TWK, CHN3, VVDT, VVDT, CHNS, CHNS, ESL, SSSL, SSSL, SCLT, CHY, CHY, ICHU, WGK, WDLH, SMLT, SMLT, WJS, WYS, TYC, WTK, WNT, WNT, WPL, CHGB, DPDB, WSF, WSC, WSC, WHF, NACB, NACB, ETHL, FUSS, TWT, TDCB, WHP, WHP, WDG, WDG, WDG, WNSB, WNSB, NNSH, NNSH, TQW1, TQW1, NNS, PHA, PHA, PHUB, VCHM, PNG, PNG, PNG, ENTT, LIOB, NSK, NWLT, JYNG, JYNG, TIPB, YOJ, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, VVUC, JJJ, JJJ, PTMZ, PTMZ, PTTC, JISG, JISG, JTTJ, JTTJ, AXDP

2015 FEB

Table with columns: BLDU, BLDU, NWA0, NWA0, NWA0, NWA0, NWA0, MEEK, MEEK, MUN, MUN, MORW, MORW, FORT, FORT, WRKA, GIRL, GIRL, MULG, BBOO, BBOO, OOD, ASAR, ASAR, FITZ, FITZ, FITZ, FITZ, WRA, WRA, WRA, WB2, STKA, KDU, LEM, LEM, CMAR, NEIC 13 22:16:02.0-2.0, 16:775:0:09:173:9W.0:1, h77km, 7km, mb4.6/28, Error ellipse: s-maj=18.0km s-min=13.0km az=85.0, IDC 13 22:16:05.9-4.1, 16:845:173:95W, h114km, 35km, mb3.9/14, mb1.4/116, mb1mx4.0/39, mbtmp4.2/16, MS4.3/1, Ms1.4/3.1, ms1mx3.5/42, Error ellipse: s-maj=25.2km s-min=16.2km az=134.0, ISC 13 22:16:03.9-0.5, 16:805:0:08:173:83W:0:09, h100km, n55, e132/58, mb4.4/25, Tonga Islands, Code, Station Name, Az, Az, Phase ID, ISC, Time, Res, h m s, ISC

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Table with columns: VVDA, VVDA, PSAA, PETK, NVAR, TXAR, PDAR, PDAR, YHL, YHL, ILAR, CMAR, SOMM, SOMM, SOMM, BRER, BRER, MMAI, DAVO, NDI 13 22:21:48.2-2.4, 31:51N:81:07E, h31km, 63km, ML3.6, mb4.1(NEIC), IDC 13 22:21:49.1-1.5, 31:29N:80:45E, h0km, mb3.7/9, mb1.3/9.12, mb1mx3.5/70, mbtmp3.8/12, ML3.5/3, Error ellipse: s-maj=42.3km s-min=16.8km az=60.0, NEIC 13 22:21:52.2-1.4, 31:22N:10:1:80:30E:0:07, h30km, 6km, mb4.1/13, Error ellipse: s-maj=18.2km s-min=7.5km az=193.0, ISC 13 22:21:53.7-0.5, 31:29N:10:06:80:54E:0:05, h35km, n52, e22/155, mb3.8/11, Xizang, Code, Station Name, Az, Az, Phase ID, ISC, Time, Res, h m s, ISC

IDC 13 22:15:08.2-1.9, 30:55S:121:66E, h0km, mb3.7/1, mb1.3/8.6, mb1mx3.5/45, mbtmp3.6/6, ML3.7/4, MS3.9/1, Ms1.3/9.1, ms1mx3.3/32, Error ellipse: s-maj=44.2km s-min=22.8km az=147.0, NOU 13 22:15:10.8, 30:54S:121:55E, h0km, MLV4.2, Western Australia, AUST 13 22:15:11.5, 1.0, 30:63S:121:53E, h13km, 9km, Error ellipse: s-maj=5.8km s-min=4.3km az=137.0, ISC 13 22:15:09.1-0.6, 30:53S:121:68E:0:05, h11km, n23, e28/83, Western Australia

IDC 13 22:23:32.4-1.9, 36:93N:23:46E, h70km, 18km, mb3.7/9, mb1.3/7.14, mb1mx3.4/58, mbtmp3.9/14, Error ellipse: s-maj=18.9km s-min=13.5km az=143.0, ATH 13 22:23:33.1, 36:91N:23:33E, h80km, 2km, ML3.6/18, Error ellipse: s-maj=3.0km s-min=1.7km az=255.0, ISK 13 22:23:34.4, 36:95N:23:40E, h23km, ML3.6/5, THE 13 22:23:35.8, 36:97N:23:35E, h71km, 1km, ML3.5/16, Error ellipse: s-maj=1.6km s-min=0.6km az=267.0, HLW 13 22:23:36.4, 36:61N:24:09E, h25km, 33km, Md5.0, M4.7, ISC 13 22:23:33.1-0.7, 36:97N:0:03:23:26E:0:03, h87km, 5km,

Table with columns: Code, Station Name, n192, c2s23/229, mb4.0/11, 8C-8D, Southern Greece, Phase ID, Time, Res, ISC, h m s, ISC. Rows include stations like Monemvasia, Veiiia, Hydra, KRAVIDI, Epidavros, Kythira Island, etc.

Table with columns: APE, Apeiranthos, 1.82, 86, PN, Sn, 22 24 27.2 +1.6, etc. Rows include stations like Thira Island, Santorini, Santorini-Mono, etc.

Table with columns: HDK1, Dakhla, 12.54, 154, P, Pn, 22 26 25.8 -2.6, etc. Rows include stations like Abfaltersbach, Molin, Jabal at Tayr, etc.

13d 22:30:04.0.3.1, 38.94N; 142.11E, h58km, 25km, mb3.5/9, mb1.3, 6/12, mb1mx3, 3/55, mb0.3/8, 12, ML2.8/3, Error 5.22 4 P

JMA 13 22:30:04.0.2.0.1, 38.92N; 141.92E, h51km, 1km, M3.8 JMA Feil J1

ISC 13 22:30:03.2.1.3, 38.91N; 0.05:142.04E; 0.10, h50km, 9km, m29, c081/33, mb3.9/9, Near east coast of eastern

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include stations like Ofunato, Kesennumamotoy, Ichinoseki, etc.

TAP 13 22:33:28.0, 24.26N-121.65E, h26km, 1km, ML1.6, A, Taiwan

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include stations like Nanau, Bangshon, Datong Townshi, etc.

NACB	Ninganchiao	0.29 190	P	Pb	22 33 35.3	+0.4
NACB	baz=189	eS	Sb	22 33 40.7	+1.0	
ETLH	Xiulin Townshi	0.29 211	P	Pb	22 33 35.5	+0.5
ETLH	baz=211	eS	Sb	22 33 40.9 <td>+1.0</td> <td></td>	+1.0	
NSK	Sanguang	0.34 309	P	Pb	22 33 36.5	+0.7
NSK	baz=309	eS	Sb	22 33 41.8 <td>+0.7</td> <td></td>	+0.7	
NWL	Wulai	0.34 337	eP	Pb	22 33 36.3	+0.5
NWL	baz=337	eS	Sb	22 33 41.5 <td>+0.4</td> <td></td>	+0.4	
FUSS	Fushou	0.42 240	eP	Pb	22 33 37.8	+0.6
FUSS	baz=240	eS	Sb	22 33 44.0 <td>+0.6</td> <td></td>	+0.6	
WHF	Huehan Shan	0.47 228	eP	Pn	22 33 39.5	0.0
TIPB	Shuangxi	0.54 18	eP	Pb	22 33 39.5	+0.5
TIPB	baz=17	eS	Sb	22 33 46.6 <td>+0.3</td> <td></td>	+0.3	
WHP	Taichung City	0.66 254	eP	Pn	22 33 43.0	+1.1
NJN	Zhunan	0.74 288	eP	Pn	22 33 43.4	+0.5
NJN	baz=287	eS	Sn	22 33 52.8 <td>-0.5</td> <td></td>	-0.5	

JMA 12 22:33:40.3±0.1, 24.98N, 123.55E, h28km, mb3.9/1, Error

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
IRIF	Iriomote-Funau	0.66 166	Op	ISC	h m s	ISC
IRIF	baz=166	eS	Pb	22 34 01.8	-0.4	
YOJ	Yonaguni jima	0.71 224	P	Pb <th>22 33 53.8 <td>-0.4</td> </th>	22 33 53.8 <td>-0.4</td>	-0.4
YOJ	baz=224	S	Sb	22 34 03.0	-0.6	
JYNG	Yonagunijimaku	0.76 226	P	Pb <th>22 33 54.6 <td>-0.4</td> </th>	22 33 54.6 <td>-0.4</td>	-0.4
JYNG	baz=226	S	Sb	22 34 05.1	+0.1	
JJSG	Ishigakijimahi	0.79 119	S	Sn <th>22 33 55.2</th> <td>-0.3</td>	22 33 55.2	-0.3
JJSG	baz=119	S	Sn	22 34 06.3	-0.3	
JJJ	Ishigaki jima	0.82 139	P	Pb <th>22 33 55.3 <td>-0.6</td> </th>	22 33 55.3 <td>-0.6</td>	-0.6
JJJ	baz=139	eS	Sb	22 34 05.7	-0.9	
JKRS	Kuro-shima	0.85 150	P	Pn <th>22 33 55.9 <td>-0.5</td> </th>	22 33 55.9 <td>-0.5</td>	-0.5
JKRS	baz=150	eP	Pb	22 34 07.4	-0.1	
HATJ	Hateruma jima	0.95 166	P	Pn <th>22 33 57.4 <td>-0.3</td> </th>	22 33 57.4 <td>-0.3</td>	-0.3
HATJ	baz=166	eS	Sn	22 34 10.4	+0.1	

MOS 12 22:34:24.3±0.8, 49.32N, 155.66E, h39km, mb3.9/1, Error

ellipse: s-maj=91.3km s-min=6.5km az=74.2
 KRSC 12 22:34:26.7±1.4, 49.61N, 156.64E, h6km, mb3.4/3, ML4.3
 IDC 12 22:34:30.2±5.0, 49.88N, 154.83E, h93km, mb3km, mb3.1/2,
 mb1.3, 4.3, mb1mx2.8/53, mb1mp3.4/3, ML2.1/1, Error
 ellipse: s-maj=107.9km s-min=35.4km az=129.0
 ISC 12 22:34:28.1±3.49SN:0.1, 155.6E:0.2, h54km, n37,
 r1569/37, Kuril Islands

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
SKR	Severo-Kuril's	1.22 15	Op	ISC	h m s	ISC
SKR	baz=15	eS	Pn	22 34 07.3	-0.2	
SKR	comp=Z, 56nm, 0.4s	pmax	pmax	22 34 02.1	-0.8	
SKR	comp=N, 603nm, 0.2s	smax	smax			
SKR	comp=E, 574nm, 0.2s	smax	smax			

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
SKR	Severo-Kuril's	1.22 15	eP	Pn	22 34 07.3 <td>-0.2</td>	-0.2
SKR	baz=15	eS	Pn	22 35 03.0	+0.1	
PAU	Pauzhetka	2.10 21	Op	ISC	h m s	ISC
PAU	baz=21	PN	Sn	22 34 59.4	-0.1	
PAU	comp=Z, 56nm, 0.4s	pmax	pmax	22 34 59.4	-0.1	
PAU	comp=N, 603nm, 0.2s	smax	smax			
PAU	comp=E, 574nm, 0.2s	smax	smax			

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
SKR	Severo-Kuril's	1.22 15	eP	Pn	22 34 07.3 <td>-0.2</td>	-0.2
SKR	baz=15	eS	Pn	22 35 03.0	+0.1	
PAU	Pauzhetka	2.10 21	Op	ISC	h m s	ISC
PAU	baz=21	PN	Sn	22 34 59.4	-0.1	
PAU	comp=Z, 56nm, 0.4s	pmax	pmax	22 34 59.4	-0.1	
PAU	comp=N, 603nm, 0.2s	smax	smax			
PAU	comp=E, 574nm, 0.2s	smax	smax			
KDTR	Khoudutka, Kamc	2.78 33	eS	Pn	22 35 37.8 <td>-3.3</td>	-3.3
KDTR	baz=33	eS <td>Pn <th>22 35 18.0</th></td> <td>+0.8</td> <td></td>	Pn <th>22 35 18.0</th>	22 35 18.0	+0.8	
MTVR	Mutnovka	3.39 27	Op	ISC	h m s	ISC
MTVR	baz=27	eS <td>Pn <th>22 35 18.0</th></td> <td>+0.8</td> <td></td>	Pn <th>22 35 18.0</th>	22 35 18.0	+0.8	
MTVR	comp=Z, 56nm, 0.4s	pmax	pmax	22 35 56.4 <td>+0.2</td> <td></td>	+0.2	
MTVR	comp=N, 603nm, 0.2s	smax	smax			
MTVR	comp=E, 574nm, 0.2s	smax	smax			

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
GR	Gorelyy	3.42 26	Op	ISC	h m s	ISC
GR	baz=26	PN	Pn	22 35 18.1 <td>+0.5</td> <td></td>	+0.5	
GR	comp=Z, 56nm, 0.4s	pmax	pmax	22 35 18.6 <td>+0.7</td> <td></td>	+0.7	
GR	comp=N, 603nm, 0.2s	smax	smax			
GR	comp=E, 574nm, 0.2s	smax	smax			

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
GR	Gorelyy	3.42 26	Op	ISC	h m s	ISC
GR	baz=26	PN	Pn	22 35 18.1 <td>+0.5</td> <td></td>	+0.5	
GR	comp=Z, 56nm, 0.4s	pmax	pmax	22 35 18.6 <td>+0.7</td> <td></td>	+0.7	
GR	comp=N, 603nm, 0.2s	smax	smax			
GR	comp=E, 574nm, 0.2s	smax	smax			
RUS	Russkaya	3.45 31	Op	ISC	h m s	ISC
RUS	baz=31	PN	Pn	22 35 18.6 <td>+0.7</td> <td></td>	+0.7	
RUS	comp=Z, 56nm, 0.4s	pmax	pmax	22 35 22.7 <td>+1.6</td> <td></td>	+1.6	
RUS	comp=N, 603nm, 0.2s	smax	smax			
RUS	comp=E, 574nm, 0.2s	smax	smax			

AKMS	Akamans	1.55 145	P	Pb	22 44 27.3	+0.5
AKMS	baz=145	AML	Pb <td>22 44 52.3</td> <td></td> <td></td>	22 44 52.3		
ALFC	Alefka	1.58 135	P	Pb	22 44 26.5	-0.7
ALFC	baz=135	AML	Pb <td>22 44 51.0</td> <td></td> <td></td>	22 44 51.0		
ALFC	comp=E, 0.5nm, 0.2s	AML	AML	22 44 52.3		
ISP	Isparita	1.64 339	PN	Pn	22 44 30.4	+2.3
ISP	baz=339	PN <td>Pn <th>22 44 31.1</th> <td>+2.8</td> <td></td> </td>	Pn <th>22 44 31.1</th> <td>+2.8</td> <td></td>	22 44 31.1	+2.8	
KKBE	Karaman, Kazim	1.65 55	P	Pb	22 44 46.1	-2.3
KKBE	baz=55	AML	Pb <td>22 44 55.0</td> <td></td> <td></td>	22 44 55.0		
GOLH	Golhisar	1.65 305	P	Pn	22 44 30.7	+2.4
GOLH	baz=305	AML	Pn <th>22 44 49.3</th> <td>+0.8</td> <td></td>	22 44 49.3	+0.8	
GOLH	comp=N, 24nm, 0.5s	AML	AML	22 45 31.0		
BRDR	BURDÜR-Merkez	1.69 326	P	Pn	22 44 32.0	+3.1
BRDR	baz=326	AML	Pn <th>22 44 45.8</th> <td>-3.8</td> <td></td>	22 44 45.8	-3.8	
KMER	Konya-Merem	1.73 31	P	Pn	22 44 47.1	-3.2
KMER	baz=31	AML	Pn <th>22 44 47.1</th> <td>-3.2</td> <td></td>	22 44 47.1	-3.2	
KMER	comp=N, 34nm, 0.7s	AML	AML	22 44 57.0		
LEF	Letka	1.77 131	P	Pn	22 44 28.7	-1.2
LEF	baz=131	AML	Pn <th>22 44 42.0</th> <td>-9.4</td> <td></td>	22 44 42.0	-9.4	
FETI	Fethiye	1.78 282	PN	Pn	22 44 30.4	+0.4
FETI	baz=282	PN <td>Pn <th>22 44 33.6</th> <td>+2.6</td> <td></td> </td>	Pn <th>22 44 33.6</th> <td>+2.6</td> <td></td>	22 44 33.6	+2.6	
DOGA	KONYA_Doganhis	1.84 10	P	Pn	22 44 50.7	-2.6
DOGA	baz=10	AML	Pn <th>22 45 00.0</th> <td></td> <td></td>	22 45 00.0		
DOGA	comp=N, 24nm, 0.5s	AML	AML	22 44 34.0	+3.0	
GULN	MERSIN_Gulnar	1.86 93	P	Pn	22 44 49.0	-4.4
GULN	baz=93	AML	Pn <th>22 45 03.0</th> <td></td> <td></td>	22 45 03.0		
GULN	comp=N, 22nm, 1.1s	AML	AML	22 44 34.3	+3.0	
KONT	Konya-Tatoy	1.88 28	PN	Pn	22 44 34.1	+2.8
KONT	baz=28	PN <td>Pn <th>22 44 51.9</th> <td>-2.0</td> </td>	Pn <th>22 44 51.9</th> <td>-2.0</td>	22 44 51.9	-2.0	
KONT	comp=N, 22nm, 1.1s	AML	AML	22 45 37.0		
KONT	comp=N, 27nm, 1.8s	AML	AML	22 44 33.8	+2.3	
BASN	Basmaki-Alyon	1.89 330	PN	Pn	22 44 35.0	+2.2
BASN	baz=330	PN <td>Pn <th>22 44 51.0</th> <td>-5.5</td> </td>	Pn <th>22 44 51.0</th> <td>-5.5</td>	22 44 51.0	-5.5	
YVAC	Yavla, Yavla	1.98 360	P	Pb	22 44 51.0	-5.5
YVAC	baz=360	AML	Pb <th>22 45 01.0</th> <td>+3.4</td>	22 45 01.0	+3.4	
YVAC	comp=N, 27nm, 1.8s	AML	AML <th>22 44 59.8</th> <td>+0.8</td>	22 44 59.8	+0.8	
YVAC	comp=N, 27nm, 1.8s	AML	AML <th>22 44 37.4</th> <td>+2.3</td>	22 44 37.4	+2.3	
SZAC	Souati	2.03 139	S	Sn	22 45 01.0	+3.4
SZAC	baz=139	S <td>Sn <th>22 44 57.8</th> <td>+0.8</td> </td>	Sn <th>22 44 57.8</th> <td>+0.8</td>	22 44 57.8	+0.8	
ATHAL	Athlathas	2.09 123	S	Sn	22 44 37.6	+2.9
ATHAL	baz=123	S <td>Sn <th>22 44 34.1</th> <td>+1.0</td> </td>	Sn <th>22 44 34.1</th> <td>+1.0</td>	22 44 34.1	+1.0	
LADK	Ladik-KONYA	2.10 25	PN	Pn	22 44 34.1	+1.0
LADK	baz=25	PN <td>Pn <th>22 44 37.4</th> <td>+2.3</td> </td>	Pn <th>22 44 37.4</th> <td>+2.3</td>	22 44 37.4	+2.3	
CS	Mathiatis	2.15 127	P	Pn	22 44 55.2	-5.5
CS	baz=127	P <td>Pn <th>22 44 35.8</th> <td>+0.7</td> </td>	Pn <th>22 44 35.8</th> <td>+0.7</td>	22 44 35.8	+0.7	
KZIL	AFYON_Kiziroren	2.15 336	P	Pn	22 44 37.6	+2.9
KZIL	baz=336	AML	Pn <th>22 44 35.8</th> <td>+0.7</td>	22 44 35.8	+0.7	
KZIL	comp=N, 24nm, 0.5s	AML	AML	22 45 02.3	+0.2	
KZIL	comp=N, 24nm, 0.5s	AML	AML	22 45 14.8		
DALY	Dalyan (Mula)	2.15 285	PN	Pn	22 44 37.6	+2.9
DALY	baz=285	PN <td>Pn <th>22 44 35.8</th> <td>+0.7</td> </td>	Pn <th>22 44 35.8</th> <td>+0.7</td>	22 44 35.8	+0.7	
TAVA	Denizli_Tavas	2.21 303	P	Pn	22 45 02.3	+0.2
TAVA	baz=303	AML	Pn <th>22 45 14.8</th> <td></td>	22 45 14.8		
INVOU	Mavrovouni	2.32 123	P	Pn	22 44 37.6	+2.9
INVOU	baz=123	AML	Pn <th>22 44 35.8</th> <td>+0.7</td>	22 44 35.8	+0.7	
INVOU	comp=N, 0.2nm, 0.8s	AML	AML	22 44 40.1	+2.6	
SHUT	Suhut-Afyon	2.33 346	PN	Pn	22 44 39.2	+1.5
SHUT	baz=346	PN <td>Pn <th>22 44 59.2</th></td> <td>+5.9</td>	Pn <th>22 44 59.2</th>	22 44 59.2	+5.9	
KDHN	Kadinhani	2.33 17	S	Sn	22 44 42.7 <td>+2.7</td>	+2.7
KDHN	baz=17	S <td>Sn <th>22 44 45.8</th></td> <td>-2.6</td>	Sn <th>22 44 45.8</th>	22 44 45.8	-2.6	
KHAL	Karahalli	2.50 327	P	Pn	22 44 41.2	+1.0
KHAL	baz=327	P <td>Pn <th>22 44 41.2</th> <td>+1.0</td> </td>	Pn <th>22 44 41.2</th> <td>+1.0</td>	22 44 41.2	+1.0	
YER	Yerkesik	2.53 290	P	Pn	22 44 41.2	+1.0
YER	baz=290	P <td>Pn <th>22 44 41.2</th> <td>+1.0</td> </td>	Pn <th>22 44 41.2</th> <td>+1.0</td>	22 44 41.2	+1.0	

12 22:58:30.3±2.9, 10.68N, 85.78W, h0km, mb3.8/5,

mb1.4, 2.6, mb1mx3.9/32, mb1mp3.9/6, ML3.7/1, Error
 ellipse: s-maj=71.3km s-min=39.3km az=19.1
 INET 12 22:58:31.9±1.0, 10.36N, 86.33W, h8km, MW3.4
 UCR 12 22:58:31.6±1.8, 10.45N, 86.33W, h14km, 11km, MW4.7,
 mb4.2(NEIC)
 NEIC 12 22:58:43.9±1.8, 11.4N, 0.2, 86.14W, 0.06, h62km, 16km,
 mb4.2/8, Error ellipse: s-maj=25.0km s-min=8.0km
 az=185.0

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
SKR	Severo-Kuril's	1.22 15	Op	ISC	h m s	ISC
SKR	baz=15	eS	Pn	22 34 07.3	-0.2	
SKR	comp=Z, 56nm, 0.4s	pmax	pmax	22 34 02.1	-0.8	
SKR	comp=N, 603nm, 0.2s	smax	smax			
SKR	comp=E, 574nm, 0.2s	smax	smax			

12 22:58:33.1±1.6, 10.45N, 0.06, 86.21W, 0.06, h25km, 12km,

n44, r1255/51, mb4.1/9, 2C, Off coast of Costa Rica

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
HZTE	Horizontes, Gu	0.65 66	Op	ISC	h m s	ISC
HZTE	baz=66	eP	Pn <th>22 58 46.8</th> <td>0.0</td>	22 58 46.8	0.0	
HZTE	comp=Z, 56nm, 0.4s	pmax	pmax	22 58 58.5	+2.1	
HZTE	comp=N, 603nm, 0.2s	smax	smax			
HZTE	comp=E, 574nm, 0.2s	smax	smax			

Table with columns: SALO, Salr, comp, E, Az, Az', AML, AML, Time, Res, h, m, s, ISC. Lists various stations and their coordinates and times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like AVF, SSS, BGF, ARBGA, HVAR, MTLF, TCF, KHC, CKRC, FNEB, MAKA, RIC, LSTV, STON, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like SIJI, WRA, FITZ, MKAR, JMA, JCN, JSMT, BSO3, JOD2, JAG, JRY, JIM2, JIM2, BSO1, JKT, JKT, MJAR, BARC, BRRC, PAMC, RUSC, PTBC, OCAC, TAMC, SPBC, ZARC, SMLC, NORC, CHIC, ROSC, ROSC, UREC, GUY2C, RREF, CBBC, ROSC, SDV, ANIL, PRAC, PLMC, PCRV, CMIG, YKA, MKAR, SONM, ASAR, WRA, WRA, UPA, KAPI, WRA, MKAR, UPA, PVID3, GVID3, GMAL, NANC3, RSUS3, POU3, STIA3, PEDE3, CACAO, ASAR, SFRAS3, OCU3, PSOM3, PSE3, PTAR3, SBAR3, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SBAR3, BCO2, CHGR2, etc.

NDI 14 00:44:29.2,2.6,31.47N:81.17E,h19km,45km,ML3.9,mb4.2(NEIC)

BUJ 14 00:44:33.7,0.0,31.07N:80.19E,h9km,mb4.3(1),mb4.0(9),ms7.3(1)

DDI Dehra Dun 2.30 244 eP Pn 00 45 15.2 +2.6

SMLA SMLA 2.83 266 eP Pn 00 45 21.2 +1.5

DHRM DHARAMSHALA 3.65 285 eP Pn 00 45 31.8 +0.6

NDI New Delhi 3.86 227 ePn Pn 00 45 36.0 +2.0

DANN Dangsing 4.14 133 eP Pn 00 45 40.4 +2.4

GKN Gorkha 4.93 131 eP Pn 00 45 50.8 +2.0

DMN Damnan 5.50 131 eP Pn 00 45 58.8 +2.1

PKIN Pulchoki 5.71 130 eP Pn 00 46 01.4 +1.8

GUN Gumba 5.83 125 eP Pn 00 46 02.6 +1.3

NIL Nilore 6.50 293 Pn Pn 00 46 10.4 +0.1

RAMN Ramite 6.98 128 eP Pn 00 46 17.3 +1.2

ODAN Odare 7.53 125 eP Pn 00 46 26.6 +2.0

BHPL Bhopal 8.51 199 eP Pn 00 46 35.2 -2.7

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMAR, UOSS, ZAAO, ZALV, etc.

IDC 14 00:49:41.4,1.6,2.96S:130.19E,h0km,mb3.4/2,mb1 3.6/4,mb1mx3.4/3,mbtmp3.4/4,ML3.3/2,Error ellipse: s-maj=50.2km s-min=22.2km az=96.0,Seram

IDC 14 01:07:25.9,0.8,2.57N:94.46E,h0km,mb4.2/15,mb1 4.3/18,mb1mx4.1/4,mbtmp4.2/18,ML4.2/3,MS3.5/4,Ms1 3.4/4,ms1mx3.0/30,Error ellipse: s-maj=27.0km s-min=14.2km az=45.0

DDI Dehra Dun 2.30 244 eP Pn 00 45 15.2 +2.6

SMLA SMLA 2.83 266 eP Pn 00 45 21.2 +1.5

DHRM DHARAMSHALA 3.65 285 eP Pn 00 45 31.8 +0.6

NDI New Delhi 3.86 227 ePn Pn 00 45 36.0 +2.0

DANN Dangsing 4.14 133 eP Pn 00 45 40.4 +2.4

GKN Gorkha 4.93 131 eP Pn 00 45 50.8 +2.0

DMN Damnan 5.50 131 eP Pn 00 45 58.8 +2.1

PKIN Pulchoki 5.71 130 eP Pn 00 46 01.4 +1.8

GUN Gumba 5.83 125 eP Pn 00 46 02.6 +1.3

NIL Nilore 6.50 293 Pn Pn 00 46 10.4 +0.1

RAMN Ramite 6.98 128 eP Pn 00 46 17.3 +1.2

ODAN Odare 7.53 125 eP Pn 00 46 26.6 +2.0

BHPL Bhopal 8.51 199 eP Pn 00 46 35.2 -2.7

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like QIZ, SHL, KMI, etc.

IDC 14 01:07:29.4,1.3,2.61N:0.09:94.55E:0.07,h28km,4km,mb4.5/30,Error ellipse: s-maj=13.9km s-min=9.6km az=208.0

DJA 14 01:07:32.0,2.0,5.3N:4.9E,h22km,3km,M4.5/11,ms5.0/6,mb4.7/11,ML4.5/9,MV(mb)5.4/6

DDI Dehra Dun 2.30 244 eP Pn 00 45 15.2 +2.6

SMLA SMLA 2.83 266 eP Pn 00 45 21.2 +1.5

DHRM DHARAMSHALA 3.65 285 eP Pn 00 45 31.8 +0.6

NDI New Delhi 3.86 227 ePn Pn 00 45 36.0 +2.0

DANN Dangsing 4.14 133 eP Pn 00 45 40.4 +2.4

GKN Gorkha 4.93 131 eP Pn 00 45 50.8 +2.0

DMN Damnan 5.50 131 eP Pn 00 45 58.8 +2.1

PKIN Pulchoki 5.71 130 eP Pn 00 46 01.4 +1.8

GUN Gumba 5.83 125 eP Pn 00 46 02.6 +1.3

NIL Nilore 6.50 293 Pn Pn 00 46 10.4 +0.1

RAMN Ramite 6.98 128 eP Pn 00 46 17.3 +1.2

ODAN Odare 7.53 125 eP Pn 00 46 26.6 +2.0

BHPL Bhopal 8.51 199 eP Pn 00 46 35.2 -2.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, STKA Stephens Creek, MARD Mardin, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like M24K Tolsona, M24K Tolsona, M24K Tolsona, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGRZ Tauranga, GMRZ Oamaru, URZ Urewera, etc.

AEIC 14 01:11:40.0:7.63:09N:0.04:150:93W:0.04, h125km,4km, ML3.1, ML3.3/67(NEIC), Error ellipse: s-maj=5.6km s-min=1.2km az=205.0

IDC 14 01:11:40.1:7.2:62:98N:150:72W, h99km,69km, mb2.9/1, mb1.3/3, mb1mx2.9/33, mbmt3.2/3, ML3.1/2, Error ellipse: s-maj=69.1km s-min=59.7km az=17.0

NEIC 14 01:11:40.1:0.8:63:10N:0.03:150:99W:0.08, h125km,5km, Error ellipse: s-maj=5.5km s-min=3.8km az=90.0

ISC 14 01:11:40.4:1.0:63:09N:0.03:150:92W:0.04, h126km,6km, n155, c065/140, Central Alaska

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

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

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

IDC 14 01:17:03.5:4.6:19:93S:178:56W, h562km,34km, mb2.6/6, mb1.3/0.7, mb1mx2.9/21, mbmt3.5/7, Error ellipse: s-maj=132.8km s-min=22.4km az=152.0

ISC 14 01:17:01.9:1.6:20:20S:0.04:178:44W:0.2, h550km, n8, c058/8, mb3.1/6, Fiji Islands region

IDC 14 01:17:03.5:4.6:19:93S:178:56W, h562km,34km, mb2.6/6, mb1.3/0.7, mb1mx2.9/21, mbmt3.5/7, Error ellipse: s-maj=132.8km s-min=22.4km az=152.0

ISC 14 01:17:01.9:1.6:20:20S:0.04:178:44W:0.2, h550km, n8, c058/8, mb3.1/6, Fiji Islands region

IDC 14 01:17:03.5:4.6:19:93S:178:56W, h562km,34km, mb2.6/6, mb1.3/0.7, mb1mx2.9/21, mbmt3.5/7, Error ellipse: s-maj=132.8km s-min=22.4km az=152.0

ISC 14 01:17:01.9:1.6:20:20S:0.04:178:44W:0.2, h550km, n8, c058/8, mb3.1/6, Fiji Islands region

PFO	comp=E,1um,2.3s	IAML	02 30 58.4	N02D	Trinity Center	5.73 314	P	Pn	02 30 22.1 +0.4	OK031	S. Brethren Rd	16.42 88	Pn	Pn	02 32 46.8 -0.2
XPFO	Pion Flat	3.58 170	Pn	HVU	Hansel Valley	5.77 35	P	Pn	02 30 23.7 +1.5	OK030	Cody Creek RV	16.47 88	Pn	Pn	02 32 44.1 -3.5
XPFO	Pion Flat	3.58 170	IAML	M04C	Macdoel	5.85 324	P	Pn	02 30 26.0 +2.7	T35A	Sooner Cattle	16.54 85	Pn	Pn	02 32 45.2 -3.3
KXRF	Pion Flat	3.58 170	Pn	M04C	baz=14,SNR=25	5.84 303	P	Pn	02 30 23.6 -0.8	L34A	comp=Z,58nm,1.1s	16.77 67	Pn	Pn	02 32 48.3 -3.0
IS7US	PION FLAT INF	3.58 170	Pn	M02C	Mali Ridge	5.96 303	Pn	Pn	02 30 25.9 +0.2	BBB	Bella Bella	16.89 336	LR	LR	02 32 39.1 0.0
CRY	Jary Ranch	3.59 174	Pn	M02C	Toone Canyon	6.01 47	Pn	Pn	02 30 28.9 +2.3	ECSD	EROS Data Cent	16.99 61	P	P	02 32 56.1 0.0
DNR	Dunn Ranch Anz	3.60 172	Pn	K05A	Surpass Lake	6.25 334	Pn	Pn	02 30 28.8 -0.1	ECSD	EROS Data Cent	16.99 61	Pn	Pn	02 32 53.3 -0.8
SND4	J Saunders Pn	3.62 172	Pn	YB5A	Yreka Blue Hor	6.25 319	Pn	Pn	02 30 30.3 +1.5	WHTX	Lake Whitney,	17.06 102	P	P	02 32 58.3 +1.5
BEKR	Beckworth	3.67 319	Pn	YBH	comp=E,1.2nm,0.3s,ba=147,slow=8.7,SNR=13	6.25 319	Pn	Pn	02 30 31.8 0.0	WHTX	Lake Whitney,	17.06 102	Pn	Pn	02 32 53.3 -1.7
FRD	Ford Ranch, An	3.67 172	Pn	YBH	comp=E,1.2nm,0.3s,ba=147,slow=8.7,SNR=13	6.25 319	Pn	Pn	02 30 31.8 0.0	WHTX	Lake Whitney,	17.06 102	Pn	Pn	02 32 36.3
FRD	Ford Ranch, An	3.67 172	Pn	YBH	comp=E,1.2nm,0.3s,ba=147,slow=8.7,SNR=13	6.25 319	Pn	Pn	02 30 31.8 0.0	N35A	Tabor	17.17 71	Pn	Pn	02 32 53.6 -2.8
BC3	Big Chuckwall	3.76 157	P	YBH	comp=E,1.2nm,0.3s,ba=147,slow=8.7,SNR=13	6.25 319	Pn	Pn	02 30 31.8 0.0	TUL1	Leonard	17.27 88	Pn	Pn	02 32 54.5 -3.1
DMCI	Parker Dam,Lak	3.78 138	Pn	YBH	comp=E,1.2nm,0.3s,ba=147,slow=8.7,SNR=13	6.25 319	Pn	Pn	02 30 31.8 0.0	435B	Jarell	17.46 106	Pn	Pn	02 32 56.4 -3.7
PDMCI	baz=319,SNR=74		Pg	MFD	Miffed Fore	6.36 316	Pn	Pn	02 30 30.4 +0.7	F33A	Mile Ranch,	17.89 54	IAMB	IAMB	02 32 02.1 -3.2
CIS	Catalina Islan	3.86 195	Pn	L04D	Klamath Falls	6.41 324	P	Pn	02 30 30.4 -0.2	F33A	Jarell	17.89 54	IAMB	IAMB	02 32 02.1 -3.2
CIS	baz=14		Pg	JCC	Jacoby Creek,	6.45 307	Pn	Pn	02 30 33.7 +2.7	X37A	Clayton	17.89 92	Pn	Pn	02 32 01.5 -3.8
CIS	baz=14		Pg	K16A	Klamath Falls	6.45 307	Pn	Pn	02 30 33.7 +2.7	U38A	Gravette	18.30 85	Pn	Pn	02 32 06.4 -4.0
ELK	Elko	3.92 23	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	H38A	Hobbs	18.66 96	Pn	Pn	02 32 11.2 -3.5
ELK	comp=E,1.5nm,0.3s,ba=221,slow=12,SNR=558		Lg	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
ELK	Elko	3.92 23	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
ELK	Elko	3.92 23	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
PKCU	Pink Cliffs	3.92 84	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
MATC	Mataguay Scout	3.96 173	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
UISA	North Rim	4.02 99	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
TCRU	Three Creeks R	4.05 67	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
MTPU	Mount Pierson	4.10 76	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
MTPU	comp=E,1um,1.5s	IAML	02 31 17.6	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
MTPU	comp=N,1um,2.1s	IAML	02 31 18.4	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
HWB	Hans Werner Br	4.11 177	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
ORV	Oroville	4.14 307	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
MVU	Marysville	4.19 70	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
MSU	Marysville	4.22 70	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
109C	Camp Elliot, M	4.24 179	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
109C	Camp Elliot, M	4.24 179	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
109C	Camp Elliot, M	4.24 179	Pn	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
MONP2	Monument Peak	4.29 171	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
MONP2	Monument Peak	4.29 171	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
MONP2	Monument Peak	4.29 171	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	02 32 12.5 -2.7
SNCC	San Nicolas Is	4.32 207	P	K04D	Chiloquin, OR	6.49 329	Pn	Pn	02 30 31.0 -0.4	P38A	Dawn	18.72 75	IAMB	IAMB	

Table of station data for the left column, including call signs (e.g., P48A, YKA), frequencies, and other technical details.

Table of station data for the middle column, including call signs (e.g., ARCES, LPAZ), frequencies, and other technical details.

Table of station data for the right column, including call signs (e.g., LZH, BRTR), frequencies, and other technical details.

IDC 14 03:23:28.5:2.0, 15:38Sx173:36W, h0km, mb3.6/5, mb1 4.0/5, mb1mx3.8/30, mbtmp3.6/5, MS3.2, M1 3.2/2, sm1mx2.7/33 Error ellipse: s-maj=121.8km s-min=25.7km az=150.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like AF1 Afiamalu, DZM Mont Dzumac, H11S2 WAKE ISLAND Hy 38.82 329 T, etc.

IDC 14 03:56:12.7:1.7, 4:95N-125:80E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/38, mbtmp3.8/5, Error ellipse: s-maj=104.0km s-min=23.6km az=68.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DDMP Don Marcelino, DDMP Bagumbayan, Su, SKMP SKMP, etc.

JMA 14 04:13:59.9, 38:86N-141:77E, h56km, 1km, M3.4, JMA Fell II, IDC 14 04:14:03.7:4.2, 38:85N-141:60E, h92km, 41km, mb3.1/4, s-maj=37.2km s-min=30.5km az=84.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like OFUJ Ofunato, OFUJ Ofunato, JKMT Kesennumototy, etc.

Table with columns: CHMS, Chumysh, 2.98 325, Pn, 06 03 30.6 +0.2, etc. Includes stations like AML, KURS, SHLS, etc.

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

Table with columns: SLGT, Liugui, 0.77 285, S, Pb, 06 06 01.3 -0.1, etc. Includes stations like TPUB, STYT, etc.

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

IDC 14 06:24:45.8-1.8, 0.93S:139.11E, h0km, mb3.3/2, mb1 3.4/4, mb1mx3.3/28, mbtmp3.2/4, ML3.1/2, Error ellipse: s-maj=52.5km s-min=26.5km az=66.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like H08S1, H08S2, H08S3, etc.

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

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

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

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

Table with columns: TXAR, comp=Z, 0.1nm, 0.8s, baz=113, slow=2.3, SNR=2.0, PKPab, KP, 07 29 55.0 -1.1

NIED 14 07:18:07.5, 34.95N: 134.59E, h15km, MW3.6, Moment Tensor Solution, s3 Moment tensor, Scale 10^14Nm, etc.

JMA 14 07:18:07.4, 34.95N:134.59E, h15km, M3.9, 3C-4D Broadband fault plane solution: P waves, NP1: etc.

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

THR 14 07:19:26.4, 0.4, 27.30N:56.33E, h14km, 4ML3.7, OMAN 14 07:19:28.4, 27.54N:56.51E, h4km, mb4.9/1, m13.4/7, etc.

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDID, ISAL, PBUR, VSU, HFS, FINES, etc.

NEIC 14 08:28:01.6:1.2, 19.1N:0.4:68.65W:0.07, h119km, 41km, Error ellipse: s-maj=56.5km s-min=4.9km az=187.0

RSPR 14 08:28:01.5, 19.01N:68.74W, h120km, 4km, MD3.4/4

ISC 14 08:28:02.5:2.0, 19.22N:0.3:68.66W:0.09, h100km, n22, 0.674/26, 3C-3D, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AGPR, LSP, MLPR, AOPR, etc.

BGR 14 08:44:57.9:0.5, 51.49N:16.15E, h11km, ML2.8/9, Error ellipse: s-maj=4.4km s-min=2.2km az=39.0, Second Lubin event 10 mins later

DNK 14 08:44:57.1:2.0, 51.48N:16.17E, h10km, 70km, ML2.1

PRU 14 08:44:58.0:0.5, 51.46N:16.10E, h0km

ISC 14 08:44:59.3:0.8, 51.45N:16.00E, h0km, mb1.3/2.5, mb1mx3.0/46, mbmp3.1/5, ML2.3/4, Error ellipse: s-maj=14.2km s-min=7.4km az=105.0

VIE 14 08:44:59.8:1.0, 51.36N:16.00E, h0km, mb2.2/4, m3.0/4, Error ellipse: s-maj=11.5km s-min=4.7km az=50.0 76 km WNW of Wroclaw Suspected Mining induced.

UPP 14 08:45:00.5:2.8, 51.69N:15.69E, h0km, ML1.8, Suspected explosion

ISC 14 08:44:56.5:0.7, 51.55N:0.03:16.18E:0.02, h0km, n56, 0.113/104, Poland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DPC, PVCC, BRG, RUE, PRA, PRU, etc.

ATH 14 09:08:52.8, 36.50N:21.66E, h27km, 6km, ML3.1/3, Error ellipse: s-maj=7.3km s-min=2.0km az=36.0

THE 14 09:08:53.4, 36.58N:21.56E, h29km, ML3.1/6, Error ellipse: s-maj=2.3km s-min=0.7km az=267.0

ISC 14 09:08:53.8:1.9, 36.57N:0.07:21.7E:0.1, h30km, 9km, n20, 0.659/29, Southern Greece

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

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

VIE 14 09:15:11.8:0.4, 49.78N:18.57E, h0km, mb1.6/2, m2.5/4, Error ellipse: s-maj=6.2km s-min=2.6km az=170.0 24 km ESE of Ostrava Suspected Mining induced.

IPCC 14 09:15:12.2:0.2, 49.85N:18.54E, h0km, 3km, ML2.1/3, Error ellipse: s-maj=1.7km s-min=1.1km az=165.0

PRU 14 09:15:12.6:0.0, 49.85N:18.47E, h0km, Ringburst Darkov, E=1.7e+05, Felt In Karvina Mining induced.

ISC 14 09:15:11.7:0.8, 49.82N:0.04:18.52E:0.02, h0km, n28, 0.653/43, Czech and Slovak Republics

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

IDC 14 09:18:11.3:3.6, 36.72N:71.33E, h56km, 31km, mb3.7/10, mb1.3/9/16, mb1mx3.5/54, mbtmp4.1/16, ML4.0/6, Error ellipse: s-maj=28.8km s-min=20.9km az=21.0

NEIC 14 09:18:17.4:1.6, 37.10N:0.10:71.19E:0.08, h90km, 8km, mb4.0/4, Error ellipse: s-maj=14.5km s-min=8.7km az=160.0

NNC 14 09:18:19.3:2.8, 37.55N:71.14E, h0km, mb4.5, mpv4.2, Error ellipse: s-maj=25.5km s-min=20.6km az=51.0

ISC 14 09:18:15.0:0.6, 36.93N:0.05:71.13E:0.06, h88km, n69, 0.186/74, mb3.8/10, 7C-4D, Afghanistan-Tajikistan border region

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

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Includes stations like SHI Shiraz, KAZI Kazerun, LMD1 LAR, etc.

IDC 14 10:28:20.7±1.1, 8.44N, 72.25W, h0km, mb3.2/3, mb1 3.7/5, mb1mx3.5/34, mbtmp3.5/5, ML2.8/2, MS3.2/1, Ms1 3.2/1, ms1mx2.4/16, Error ellipse: s-maj=23.5km s-min=12.0km az=160.0

RSNC 14 10:28:23.7±1.7, 8.35N, 72.11W, h2km, 5km, ML3.3

FUNV 14 10:28:23.7, 8.27N, 72.12W, h8km, MW4.0

ISC 14 10:28:21.9±1.1, 8.34N, 0.02, 72.11W, 0.02, h8km, 8km, n49, s=183.9, mb3.4/3, 1C-3D, Venezuela

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Includes stations like CAPV Capacho, OCAC Ocana, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Includes stations like MONV Montecano, JACV Jacura, etc.

JMA 14 10:34:59.0±2.4, 24.84N, 123.36E, h16km, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Includes stations like YOJ Yonaguni jima, YJY Yonagunijimaku, etc.

TAP 14 10:34:59.1, 24.18N, 121.44E, h12km, 1km, ML1.0, C, Taiwan

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Includes stations like ETHL Xiulin Townsh, NACB Ninganchiao, etc.

IDC 14 11:06:01.2±4.2, 19.55N, 121.86E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/59, mbtmp3.5/3, MS3.0/2, Ms1 3.0/2, ms1mx2.4/33, Error ellipse: s-maj=339.6km s-min=26.5km az=61.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, WRA Warrungarra Arr, etc.

BUI 14 11:13:24.6±0.1, 8.13S, 64.51E, h10km, mb5.1/17, mb4.6/32, Ms4.7/9, Ms7.4/4/12

IDC 14 11:13:27.4±0.1, 8.18S, 65.18E, h0km, mb4.3/20, mb1 4.4/21, mb1mx4.2/59, mbtmp4.3/21, ML3.9/1, MS3.9/20, s-min=15.2km az=110.0

NEIC 14 11:13:29.5±1.1, 8.18S, 0.1, 65.2E, 0.1, h10km, 1km, mb4.8/29, Error ellipse: s-maj=21.1km s-min=19.3km az=172.0

GCMT 14 11:13:31.5±0.3, 18.13S, 0.03±65.15E, 0.02, h12km, MW4.8/88, Moment Tensor Solution. s18,c20: s88,c112; Duration: 0 Moment tensor: Scale 10^18Nm; Mrr-1.74e-06; Mtheta-0.05e-06; Mphi-1.30e-06; Mxx-0.61e-26; Mxy-0.72e-05; Mxz-0.05e-24; Best double couple: M1.82700x10^16 NP1: 0.344, 0.00000, 0.41, 0.00000, -1, -68, 0.00000. NP2: 0.136, 0.00000, 0.53, 0.00000, -1, -108, 0.00000. Principal axes: T: 1.7400, P: 0.0000, Azm: 239.0000; N: 0.1640

ISC 14 11:13:29.3±0.4, 18.11S, 0.09±65.17E, 0.08, h10km, n123, s104/108, mb4.6/55, MS4.0/25, 2C-1D, Mauritius-Reunion region

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

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, ISC. Includes stations like SUR Sutherland, H01W3 Cape Leeuwin H, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PTGB Pitanga, CPBS Cacapava Do, ITAB Concordia, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and other technical details. Includes stations like PETK Petrogavlovsk, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AKIN Alncular-Kib, CSS Mathias, ATHAL Athalassa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BI02, AC04, H03N1, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like A21K, A21K Barrow, A21K TAPS Pump Stn5, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MA2 Magadan, MA2 Magadan, MA2 Magadan, etc.

BUI 14 12:18:0.4, 0.6, 7.75N:162.32W, h9km, mB5.0/14, mB4.5/24, Ms4.7/3, Ms7.4/3.2
MOS 14 12:18:20.7, 1.2, 67.73N:162.45W, h10km, mB4.6/22, Error ellipse: s-maj=27.8km s-min=8.0km az=100.4
AEIC 14 12:18:21.2, 3.3, 67.65N:162.16W, h10.1, h15km, mB4.4, ML4.3, mB4.6/9.5, (NEIC), ML4.4/10.0, (NEIC), Error ellipse: s-maj=8.0km s-min=5.3km az=81.0
NEIC 14 12:18:21.2, 1.9, 67.78N:162.16W, h10.1, h4km, mB4.4, Error ellipse: s-maj=8.3km s-min=6.6km az=159.0
IDC 14 12:18:21.0, 0.6, 67.83N:162.15W, h0km, mB4.2/24, mB1.4/27, mB1mx3.4/46, mbmp4.3/27, ML4.2/3, MS3.5/13, Ms1.3.5/13, ms1mx3.2/42, Error ellipse: s-maj=15.9km s-min=11.4km az=11.0
ANF 14 12:18:23.6, 1.0, 67.80N:162.20W, h15km, ML4.8/5, Error ellipse: s-maj=9.6km s-min=8.7km az=89.0
ISC 14 12:18:22.3, 0.3, 67.76N:162.25W, h0.03, h10km, mB3.7, mB4.7/37.3, mB4.5/50, MS3.5/14, 1C-2D, Northern Alaska

Table with columns: WTK, Tuku, baz, 1.40 317 eP, Pb, 14 07 32.0 +0.2, 14 07 31.0 -0.7, 1.41 350 eP, Pn, 14 07 10.6 -0.5, 1.41 6 eP, Pn, 14 07 09.5 -1.5, 1.41 331 eP, Pb, 14 07 12.9 +0.8, 1.44 341 eP, Pb, 14 07 12.1 -0.4, 1.46 341 eP, Pb, 14 07 12.6 -0.4, 1.48 354 eP, Pn, 14 07 11.6 -0.6, 1.50 6 eP, Pn, 14 07 11.1 -1.2, 1.53 2 eP, Pn, 14 07 11.3 -1.4, 1.58 354 eP, Sg, 14 07 13.7 +0.2, 1.60 351 eP, Pn, 14 07 13.8 +0.2, 1.66 345 eP, Pb, 14 07 16.5 +0.1, 1.74 290 eP, Pn, 14 07 15.4 0.0, 1.75 359 eP, Pn, 14 07 15.5 -0.2, 1.75 359 eP, Pn, 14 07 15.2 -0.5, 1.78 340 eP, Pb, 14 07 18.0 -0.3, 1.82 337 eP, Pb, 14 07 18.0 -1.0, 1.84 341 eP, Pb, 14 07 19.2 -0.2, 1.91 296 eP, Sg, 14 07 18.6 +0.9, 1.93 2 eP, Pn, 14 07 18.6 +0.5, 1.95 298 eP, Pn, 14 07 19.2 +0.9, 1.97 4 eP, Pn, 14 07 18.7 +0.1, 1.97 11 eP, Pn, 14 07 18.8 +0.2, 1.97 8 eP, Pn, 14 07 18.9 +0.2, 1.99 349 eP, Pn, 14 07 20.5 +1.5, 2.00 358 eP, Pn, 14 07 19.7 +0.5, 2.00 349 eP, Pn, 14 07 20.6 +1.4, 2.05 6 eP, Pn, 14 07 20.6 +0.8, 2.10 2 eP, Pn, 14 07 21.0 +0.6, 2.25 38 P, Pn, 14 07 22.8 +0.3, 2.30 39 eP, Pn, 14 07 23.4 +0.6, 2.32 9 eP, Sg, 14 07 50.7 -0.2, 2.32 9 eP, Sg, 14 07 24.6 +1.1, 2.58 57 P, Pn, 14 07 27.4 +0.4, 2.68 51 eP, Pn, 14 07 29.1 +0.7, 2.83 56 P, Pn, 14 07 30.5 +0.1, 2.94 322 eP, Pn, 14 07 32.3 +0.3, 3.01 55 P, Pn, 14 07 33.6 +0.7, 3.17 319 eP, Pn, 14 07 35.3 +0.2, 3.20 332 eP, Sg, 14 08 10.5 -1.9, 3.20 332 eP, Sg, 14 07 35.6 0.0, 3.26 54 P, Pn, 14 07 36.6 +0.3, 3.31 303 eP, Pn, 14 07 37.3 +0.2, 3.58 56 P, Pn, 14 07 41.5 +0.7, 3.72 339 eP, Sg, 14 07 41.8 -0.9, 3.87 306 eP, Sg, 14 07 45.0 +0.2, 4.04 57 P, Pn, 14 07 47.9 +0.7, 4.06 328 eP, Pn, 14 07 47.2 -0.2

Table with columns: MHZQ, baz=331, eP, Sg, 14 08 33.5 -0.8, JMJ2, Mlyako jima3, 4.12 59 P, Pn, 14 07 49.6 +1.3, LYJJ, Jijiangzhen, 4.15 339 eP, Pn, 14 07 48.7 0.0, LYJJ, baz=344, eS, Sg, 14 08 36.9 +0.3, JOGS, Gusukube, 4.20 59 P, Pn, 14 07 50.2 +1.0, JMA 14 14:17:11.7, 33°96'N, 133°88'E, h41km, 1km, M4.0, Broadband fault plane solution: P waves. NP1: phi=138.00000°, delta=674.00000°, lambda=174.00000°. NP2: phi=230.00000°, delta=84.00000°, lambda=16.00000°. Principal axes: T P1=15.00000°, Azm95.00000°, N P1=73.00000°, Azm249.00000°, P P1=7.00000°, Azm3.00000°; JMA Felt III J1, NIED 14 14:17:11.7, 33°96'N, 133°88'E, h41km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^17Nm; Mm=0.03; Mm=0.99; Mm=1.01; Mm=0.53; Mm=0.18; Mm=0.07; Fault plane solution: M=1, 13000°-1015° NP; phi=48.00000°, delta=79.00000°, lambda=22.00000°. NP2: phi=143.00000°, delta=68.00000°, lambda=168.00000°. IDC 14 14:17:12.8, 18.3, 33°94'N, 133°76'E, h48km, 17km, mb3.3/10, mb1.3/5/16, mb1mx3.3/46, mbtmp3.6/16, ML3.0/6, MS2.7/3, Ms1.2/7.3, ms1mx2.4/33 Error ellipse: s-maj=17.9km s-min=17.0km az=154.0, ISC 14 14:17:09.6, 0.5, 33°99'N, 133°83'E, 0.03, h18km, n32, phi=161/45, mb3.6/10, 7C-6D, Shikoku Code Station Name delta AZZ Phase ID Time Res h m s ISC Op Pn Sg Pg S AML

Table with columns: BRMO, comp=N, 302um, 1.2s, AML, AML, 14 20 57.6 0.0, BRMO, comp=E, 402um, 0.5s, AML, AML, BRMO, comp=N, 302um, 1.2s, 0.23 83f eP, Pg, 14 21 00.6 +0.5, CARE, Lago del Cares, 0.23 83f eP, Sg, 14 21 03.9 +0.6, BERNI, Berninapass, 0.24 274 P, Sg, 14 21 01.1 +0.9, BERNI, Berninapass, 0.24 274 P, Sg, 14 21 04.7 +1.2, BERNI, comp=N, 296um, 0.1s, AML, AML, BERNI, comp=N, 296um, 0.1s, AML, AML, BERNI, comp=N, 228um, 0.1s, 0.24 274 P, Pg, 14 21 01.1 +0.9, BERNI, Berninapass, 0.24 274 P, AML, AML, BERNI, comp=E, 228um, 0.1s, AML, AML, BERNI, comp=N, 296um, 0.1s, AML, AML, BERNI, comp=N, 296um, 0.1s, AML, AML, MOSI, Grossmontoni, 0.25 30 P, Pg, 14 21 01.1 +0.6, MOSI, Grossmontoni, 0.25 30 P, Sg, 14 21 05.1 +1.1, MOSI, comp=E, 273um, 1.5s, AML, AML, MOSI, comp=N, 312um, 0.3s, 0.25 30 P, Pg, 14 21 01.4 +0.8, MOSI, Grossmontoni, 0.25 30 P, AML, AML, MOSI, comp=E, 273um, 1.5s, AML, AML, MOSI, Malga Bissina, 0.36 163 P, Pg, 14 21 03.2 +0.7, MABI, Malga Bissina, 0.36 163 P, Sg, 14 21 08.1 +0.8, MABI, comp=N, 48um, 1.5s, AML, AML, MABI, Malga Bissina, 0.36 163 P, AML, AML, MABI, comp=N, 96um, 0.2s, AML, AML, MABI, Malga Bissina, 0.36 163 P, Pg, 14 21 03.2 +0.7, MABI, comp=N, 48um, 1.5s, AML, AML, MOZO, Ozolo, 0.47 89f eP, Sg, 14 21 05.3 +0.6, MOZO, Ozolo, 0.47 89f eP, Pg, 14 21 12.0 +1.1, DAVOX, Davos/Dischmat, 0.51 319 P, Pg, 14 21 06.3 -0.4, DAVOX, Davos/Dischmat, 0.51 319 P, Sg, 14 21 13.2 +1.2, GAGG, Gaggia, 0.52 127f eP, Sg, 14 21 06.1 +0.6, GAGG, Gaggia, 0.52 127f eP, Pg, 14 21 13.2 +1.0, APPI, Appiano, 0.60 82 P, Sg, 14 21 07.7 -0.6, APPI, Appiano, 0.60 82 P, Pg, 14 21 15.8 +0.9, APPI, Appiano, 0.60 82 P, Pg, 14 21 07.8 -0.5, APPI, Appiano, 0.60 82 P, Pg, 14 21 08.6 -0.5, APPI, Appiano, 0.60 82 P, Pg, 14 21 17.9 -0.4, APPI, Appiano, 0.60 82 P, Pg, 14 21 09.0 -0.5, MAGA, Magasa, 0.65 164 P, Sg, 14 21 09.0 -0.5, MAGA, Magasa, 0.65 164 P, Pg, 14 21 17.9 -0.4, FETI, Feichten, 0.67 22 eP, Sg, 14 21 09.0 -0.5, FETI, Feichten, 0.67 22 eP, Pg, 14 21 17.9 -0.4, FETA, comp=N, 1.3nm, 0.1s, SNR=5.2, eSg, Sg, 14 21 17.1 -0.1, TUE, Stuetta, 0.71 276 P, Sg, 14 21 09.0 +0.7, TUE, Stuetta, 0.71 276 P, Pg, 14 21 18.6 +0.5, TUE, Stuetta, 0.71 276 P, Sg, 14 21 19.6 +0.2, ABER, Aberstueckl, 0.74 63 P, Sg, 14 21 09.3 +0.3, ABER, Aberstueckl, 0.74 63 P, Pg, 14 21 20.4 -0.5, ABER, Aberstueckl, 0.74 63 P, Pg, 14 21 10.0 +0.4, ROSI, Roskopf, 0.70 93 P, Pg, 14 21 12.8 +0.2, ROSI, Roskopf, 0.70 93 P, Sg, 14 21 13.1 -0.2, CTI, Castel Tesino, 0.95 11 P, Pg, 14 21 13.1 -0.2, CTI, Castel Tesino, 0.95 11 P, Sg, 14 21 14.6 +0.1, BRES, Bressanone, 0.90 52 P, Pg, 14 21 14.6 +0.1, BRES, Bressanone, 0.90 52 P, Sg, 14 21 15.3 +0.1, SQT, Sankt Quirin, 1.01 35 eP, Pg, 14 21 15.3 +0.1, SQT, Sankt Quirin, 1.01 35 eP, Sg, 14 21 27.3 -0.5, MUGIO, Muggio, 1.04 243 P, Sg, 14 21 15.6 0.0, MUGIO, Muggio, 1.04 243 P, Sg, 14 21 29.2 -0.2, CGRP, Cima Grappa, 1.12 117 eP, Sg, 14 21 17.9 +0.2, ABTA, Abfattersbach, 1.52 76 eP, Pg, 14 21 24.5 -0.1, ABTA, Abfattersbach, 1.52 76 eP, Sg, 14 21 24.7 +0.4, ZCCA, Zocca, 2.09 168 P, Pg, 14 21 33.9 +0.2, ZCCA, Zocca, 2.09 168 P, Sg, 14 21 33.9 +0.2, CORI, Corigliano, 3.34 15 P, Sg, 14 22 02.0 +1.1, SENI, Senigallia, 3.37 142 S, Sg, 14 22 02.0 -1.6, ROM 14 14:21:47.8, 0.1, 43°47'9"N, 0°00'4"12.700"E, 0°00'7", h13km, ML1.0/2, 2C-5D, Error ellipse: s-maj=0.6km s-min=0.1km az=91.0, Central Italy Code Station Name delta AZZ Phase ID Time Res h m s ISC Op Pn Sg Pg S AML

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OHATA, KAYABE, RYOGAMI SAN, CHURUI, ODAWARA 2, MATSUHISHIRO ARR, etc.

Table with columns: DOT, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MINA ARRAY BEA, MARIKANI ARRAY, SJA, GUC, NEIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPUP, AQDB, H03N1, H03N2, H03N3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HEL, NAO, IDC, AP29, AP29Z, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Palmer, Crater Peak Br, Chakachata No, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Fort Yukon, Beaver Creek, Kodiak Island, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Dimbokro, Samuel, Torodi Ar. Be, etc.

14d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nonsavu, Nonsavu, AFI Afiatutu, NIUE Niue, etc.

IDC 14:16:26:43.0-4.8, 7.29S, 127.49E, h345km, 53km, mb2.5/1, mb1 2.8/4, mb1mx2.6/29, mbtmp3.5/4, Error ellipse: s-maj=73.3km s-min=20.5km az=57.0, Banda Sea

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

DJA 14:16:31:15.7-2.4, 8.53S, 111.9E, h21km, 25km, M3.6/11, MLV3.6/11

IDC 14:16:31:26.2-5.4, 8.78S, 119.43E, h92km, 55km, mb3.1/2, mb1 3.3/5, mb1mx3.0/36, mbtmp3.5/5, ML3.3/3, Error ellipse: s-maj=52.4km s-min=30.8km az=65.0

ISC 14:16:31:19.1-1.9, 1.2, 8.27S, 0.06, 119.24E, 0.06, h35km, n14, s155/14, Flores region

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

TUL 14:16:39:04.6-1.0, 36.60N, 0.02-97.63W, 0.03, h5km, 7km, ML3.8, mb_Lg3.7/118(NEIC), Error ellipse: s-maj=3.5km s-min=2.3km az=56.0

NEIC 14:16:39:04.8-0.8, 36.582N, 0.009-97.63W, 0.03, h3km, 7km, Error ellipse: s-maj=3.3km s-min=1.1km az=74.0

ANF 14:16:39:05.1-0.5, 36.58N, 97.61W, h5km, ML4.3/8, Error ellipse: s-maj=7.6km s-min=4.8km az=127.0

IDC 14:16:39:05.6-1.3, 36.63N, 97.79W, h0km, mb3.3/1, mb1 3.8/6, mb1mx3.5/41, mbtmp3.5/6, ML4.1/3, Error ellipse: s-maj=19.2km s-min=11.3km az=116.0

ISC 14:16:39:04.1-1.3, 36.59N, 0.02-97.61W, 0.03, h2km, 10km, n105, o089/66, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CROK, KAN13, KAN14, etc.

2015 FEB

Main table with columns: TUL1, Leonard, 1.62 114, P, Pn, 16 39 34.1 +0.2, etc. Includes stations like Leonard, Wichita, WMOK, etc.

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Table with columns: OGNE, Ogallala, 5.56 323, P, 16 40 29.4, etc. Includes stations like Ogallala, Poplar Bluff, etc.

KRNET 14:16:47:28.0-0.1, 42.88N, 78.19E, h24km, mb2.0, NNC 14:16:47:31.6-0.6, 42.92N, 77.97E, h0km, mb1.8, mpv2.5, Error ellipse: s-maj=6.6km s-min=2.0km az=178.0

SOME 14:16:47:32.5, 43.00N, 77.93E, h5km, ISC 14:16:47:30.0-1.0, 42.78N, 0.03-78.04E, 0.02, h18km, 3km, n35, o084/65, BC-4D, Lake Issyk-Kul region

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

14d 17h

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like N61A South Mountain, MNK Minsk, D63A Stockholm, etc.

2015 FEB

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like H57A Richville, G57A Newington, L56A Greenwood, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like CNCH Conchagua, RAMN Ramite, TAPN Taplejung, etc.

Table with columns: WB2, Warramunga Arr, 22.89 166, P, P, 17 17 03.1 +1.3, etc.

TUL 14 17:13:21.9-1.3, 36:60N, 0:01:97:63W, 0:02, h5km, 7km, ML3.2, mb, Lg3, 1/55(NEIC), Error ellipse: s-maj=1.9km

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: MIAR, Warramunga Arr, 22.89 166, P, P, 17 17 03.1 +1.3, etc.

TUL 14 17:23:04.9-1.6, 36:60N, 0:01:97:63W, 0:02, h4km, 7km, ML3.6, mb, Lg3, 6/111(NEIC), Error ellipse: s-maj=2.0km

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Main table with columns: WMOK, Wichita Mounta, 2.09 209, P, 17 23 40.8, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other details. Includes stations like CCM Cathedral Cave, P40A Paris, N38A Joes South For, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other details. Includes stations like PV05 Paradox Valley, SPMN Marine on St., LRLAL Lakeview Retre, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other details. Includes stations like WPHZ Waipukurau, PAWZ Paruruai Farm, BFZ Birch Farm, etc.

Table with columns: PEA0B, comp, Iamb, Iamb, 18 25 36.6, etc. Includes stations like PETK, KSRS, CNMP, IPM, etc.

Table with columns: AAK, comp, E, 189nm, 0.7s, J S, Sn, 18 19 32.0 -0.5, etc. Includes stations like AAK, AAK, AAK, etc.

Table with columns: DMN, comp, Z, 218nm, 0.5s, eSn, Sn, 18 22 28.7 -14, etc. Includes stations like KKN, KKN, PKIN, etc.

MOS 14 18:16:43.0, 1.0, 36.41N, 71.77E, h83km, mb4.6/23, Error ellipse: s-maj=5.3km s-min=3.5km az=85.9

BUJ 14 18:16:45.0, 0.0, 36.39N, 71.95E, h87km, mb4.9/36, mb4.8/58, Ms4.2/9, Ms7.4/0.10

NEIC 14 18:16:46.2, 2.1, 36.43N, 0.06, 71.64E, 0.07, h101km, 5km, mb4.9/137, Error ellipse: s-maj=9.1km s-min=7.7km az=49.0

Afghanistan-Tajikistan border region

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

Table with columns: AAK, comp, E, 13nm, 0.6s, 8.87, 35, eP, Pn, etc. Includes stations like AAK, AAK, AAK, etc.

Table with columns: DMN, comp, Z, 218nm, 0.5s, eSn, Sn, 18 22 28.7 -14, etc. Includes stations like KKN, KKN, PKIN, etc.

Table of astronomical observations for 2015 FEB, including columns for station name, object name, magnitude, position angle, and other parameters.

Table of astronomical observations for 2015 FEB, including columns for station name, object name, magnitude, position angle, and other parameters.

Table of astronomical observations for 2015 FEB, including columns for station name, object name, magnitude, position angle, and other parameters.

1DC 14 18:49:03.6:6.6, 301°65'x178°14'W, h30km, 44km, mb3.9/3, ...

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PASO FLORES, MONTELA, GUYACO, etc.

14D 19:12:54.2, 0.6, 55.31S; 29:44W, h0km, mb4.4/9, mb1.4/5.0, mb1mx4.3/26, mbtmp4.4/10, ML4.3/1, MS3.8/11, Ms1.3.8/11, ms1mx3.8/15, Error ellipse: s-maj=27.5km s-min=17.4km az=37.0.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HOPE, EAST FALKLAND, VNA1, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LCO, MAW, SUR, GO02, BDFB, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARCES, ARU, YKA, BRYK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HRKL Herakleio, BDRM Kayabasi, BODT Bodrum, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CROK Carrier, KAN13 South Haven SW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like OKCFA Oklahoma City, FNO Franklin Leonard, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like NIKH Nikolski Name, OKFS Okmag Steeple, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FALS False Pass, SPIA Saint Paul Isl, KIMD Kanaga Island, etc.

DC 14 19:56:26.8i.0.8, 52.64N: 169.90W, h45km, 6km, mb3.9/14, mb1.4, 2/17, mb1mx3.9/37, mbmp4.2/17, ML3.9/3, MS3.3/11, Ms1.3/11, ms1mx3.0/46, Error ellipse: s-maj=22.4km s-min=1.1km az=177.0

NEIC 14 19:56:28.0i.2.0, 52.63N: 169.84W: 0.09, h50km, 5km, Error ellipse: s-maj=12.9km s-min=6.1km az=151.0

ISC 14 19:56:27.3i.0.7, 52.55N: 0.09: 169.79W: 0.05, h49km, 5km, n267, s1921/265, mb4.4/47, MS3.2/10, Fox Islands

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BOZ, NVAR, YHL, H11S1, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MATO, NJ2, WHTX, MIAR, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MAN, GLSP, STKA, WRA, ASAR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HSN1 Hsinchu, HGSD Ruisui, SBCB Hsinchu, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHY Chiayi, TTN Taitung, JTKJ Tarama, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EKS2 Erkin-Say, KK31 Karatay Array, AAK Ala-Archa, etc.

IDC 14 21:58:49.5:6.7, 22.365x175.43W, h98km, 49km, mb3.47, mb1 3.7/8, mb1mx3.6/36, mbtmp3.8/8, MS3.4/4, Ms1 3.4/4, ms1mx0.0/19, Error ellipse: s-maj=65.0km s-min=24.8km az=148.0

IDC 14 21:58:49.6:1.1, 22.45:0.3x175.4W, 0.2, h100km, n21, 1932/12, mb3.8/8, Tonga Islands region

IDC 14 22:07:57.1:16.0, 1.79N:127.45E, h296km, 167km, mb2.7/3, mb1 2.9/3, mb1mx2.5/48, mbtmp3.3/3, Error ellipse: s-maj=166.4km s-min=27.3km az=58.0

IDC 14 22:09:10.9:8.6, 35.80N:70.29E, h0km, mb3.8/3, mb1 3.6/9, mb1mx3.6/7, mbtmp3.7/9, ML3.6/6, Error ellipse: s-maj=125.5km s-min=28.3km az=163.0

IDC 14 22:09:16.0:7.5, 37.05N:72.17E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=62.0km s-min=46.3km az=137.0

ISC 14 22:09:23.1:2.3, 36.2N:0.2:70.5E:0.1, h100km, n22, 1950/26, 2C-3D, Hindu Kush region

SOME 14 22:16:47.2, 42.82N:81.15E, h5km, Northern Xinjiang

BUI 14 22:52:16.0:0.0, 4.20S:139.87E, h86km, mb5.1/27, mb4.7/42, MS4.6/5, Ms7.4/35

IDC 14 22:52:20.1:0.7, 3.96S:139.73E, h90km, 5km, mb4.1/9, mb1 4.2/14, mb1mx4.1/26, mbtmp4.5/14, MS3.3/9, Ms1 3.3/9, ms1mx3.0/32, Error ellipse: s-maj=17.1km s-min=11.9km az=83.0

DJA 14 22:52:20.2:0.2, 4.3S:147.0E, h85km, 4km, M4.9/28, mb5.0/28, MB5.2/7, Mv(mb)4.5/2.7, Mv(mb)5.7/2, Mwp5.8/2

NEIC 14 22:52:20.5:1.0, 4.05S:0.09:139.58E:0.09, h92km, 6km, mb4.7/48, Error ellipse: s-maj=15.0km s-min=11.4km az=49.0

ISC 14 22:52:20.5:0.3, 4.05S:0.04:139.66E:0.04, h100km, n171, 1994/181, mb4.6/49, 3C-1D, Irian Jaya

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like RIGZ Rimuhau, MUGZ Murupara, HRZ Hossack Road, etc.

ISC 15 01:45:13.9.2.1, 8.181N-119.47E, h0km, ML3.0/2, mb1 3.5/m, mb1mx3.3/39, mbmtmp3.5/5, ML3.0/3, Error ellipse: s-maj=72.6km s-min=20.4km az=66.0, Flores region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KAP1 Kappang, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

SNET 15 01:55:23.1±1.6, 13°88'N-91°39'W, h15km, 19km, ML3.8 UCR 15 01:55:23.3±1.6, 13°89'N-91°38'W, h14km, 19km, ML3.7

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like UNIC Universidad Ca, JAYA Jayaque - finc, TACO Tacachico, etc.

IDC 15 02:21:48.7.0.37, 68°N:140.94E, h0km, mb3.2/2, mb1 3.1/3, mb1mx3.0/31, mbmtmp3.1/3, ML2.1/1, Error ellipse: s-maj=115.6km s-min=37.7km az=121.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Code Station Name, ONAJ Iwakimizuishiy, JFK Kawauchi, etc.

IDC 15 02:36:14.7±1.8, 51.65N:151.42E, h492km, 21km, mb2.7/7, mb1 3.0/9, mb1mx2.6/42, mbmtmp3.6/9, Error ellipse: s-maj=22.5km s-min=15.0km az=159.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Code Station Name, PETK Petropavlovsk, SEY Seymchans, etc.

ZUR 15 02:39:28.0, 46.74N-9.40E, h5km, 2km, MLH0.8/7, 2C-2D, Error ellipse: s-maj=5.5km s-min=0.9km az=40.0, Switzerland

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Code Station Name, SVAM Val, Muldain, SCUG Chur Gewerbesc, etc.

LDG 15 02:40:07.0±0.1, 47°86'N:8°63'E, h7km, Md1.3/2, M1.5/5, Error ellipse: s-maj=0.9km s-min=0.9km az=5.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Code Station Name, SLE Schleitheim, SLE SLE, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like STEIN Stein am Rhein, STEIN FLACH Flaach, FLACH FLACH, etc.

IDC 15 03:05:50.5±2.4, 31°15'S:68°36'W, h86km, 20km, mb3.6/6, mb1 3.8/11, mb1mx3.7/32, mbmtmp3.9/11, MS3.0/2

NEIC 15 03:05:52.3±2.6, 31°14'S:0°07'68.47W±0.07, h111km, 7km, Error ellipse: s-maj=10.4km s-min=7.9km az=212.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Code Station Name, ZON Zonda, CO01 Juntas del Tor, etc.

ZUR 15 02:39:28.0, 46.74N-9.40E, h5km, 2km, MLH0.8/7, 2C-2D, Error ellipse: s-maj=5.5km s-min=0.9km az=40.0, Switzerland

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Code Station Name, SVAM Val, Muldain, SCUG Chur Gewerbesc, etc.

LDG 15 02:40:07.0±0.1, 47°86'N:8°63'E, h7km, Md1.3/2, M1.5/5, Error ellipse: s-maj=0.9km s-min=0.9km az=5.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Code Station Name, STYH Taoyuan, STYH Taoyuan, etc.

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

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

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like DLRL Deer Lake, SFJD Kangerlussuaq, and various other stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like GEC2 GERESS Array S, GEC2 GERESS Array S, and various other stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like BR231, BR131 Keskin Array S, BRTR Keskin Array B, and various other stations.

Table of station data for the left column, including station names like U32A, U32A, OKCFA, and various codes and times.

Table of station data for the middle column, including station names like BKI, BKI, SMIY, and various codes and times.

Table of station data for the right column, including station names like DZM, STKA, WRA, and various codes and times.

Summary text at the bottom of the page, including station identifiers and coordinates like KRSC 15 06:56:34.0, 2.0, 53.45N, 168.48E, h18km, m3.3, ML3.8.

Table with columns for station name, frequency, power, and other technical details. Includes stations like IRAZ, QABG, RDF, QAM, IKLH, GHVR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FAQ, NEY, MDH, MDH, MDH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NEHR, PLOB, PLOV, IUG, MLR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CM02 Chiang Mai Arr, KMI Kunming, UMPA Umpang Tak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like POKR Pokr Plat Res, MDM Murphy Dome, COLA College, etc.

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

MNK	comp=E,3.0nm,0.8s	i	P	P	09 15 07.4	-3.2		
MNK	comp=N,30nm,1.4s	i	P	P	09 15 07.4	-3.2		
MNK	comp=Z,15nm,0.9s	i	PPP	Pn	09 16 25.3	-1.9		
MNK		i	PPP	P	09 16 38.2			
MNK		i	S	P	09 20 39.8	-2.2		
MNK		i	S	P	09 23 00.4	+3.8		
MNK		i	SS	P	09 23 16.6			
MNK		i	SS	P	09 26 52			
MNK		i	SS	P	09 28 25.5			
MNK		i	LRM	MLR	09 29 07.7			
MNK	comp=N,598nm,28.7s	i	LRM	MLR	09 29 26.9			
MNK	comp=E,32nm,22.1s	i	LRM	MLR	09 29 34.5			
MNK	comp=Z,91nm,14.4s	i	LRM	MLR	09 15 11.7	-0.9		
DIVS	Divibare	35.16	82	P	Iamb	Iamb	09 15 13.9	
DIVS	comp=Z,7.6nm,1.0s	i	Iamb	Iamb	09 15 23.5	0.0		
BUR08	Bucovina Ar. S	36.44	74	P	Iamb	Iamb	09 15 23.5	0.0
BUR08	comp=Z,26nm,2.0s	i	Iamb	Iamb	09 16 38.5			
BURAR	Bucovina Array	36.46	74	P	P	09 15 24.3	+0.6	
AKASG	Malin Array Be	37.30	67	P	P	09 15 29.7	-0.9	
AKASG	comp=Z,4.1nm,0.7s,baz=303,slow=8.3,SNR=14							
AKASG	comp=Z,4.5nm,1.8s,baz=320,slow=9.4							
AKASG	Malin Array Be	37.30	67	P	P	09 15 30.0	-0.6	
AKBB	Malin Array Si	37.30	67	P	P	09 15 29.7	-0.9	
AKBB	comp=Z,2.1nm,0.7s,baz=303,slow=8.3,SNR=14							
KLMR	Klimovskoe	38.47	48	eP	P	09 15 39.6	-0.8	
KLMR	comp=Z,19nm,1.3s	i	AMP	AMP	09 15 42.4			
ULM	Lac du Bonnet	38.55	293	P	P	09 15 40.0	-1.2	
ULM	comp=Z,2.0nm,0.8s,baz=53,slow=6.3,SNR=3.9							
ULM	Lac du Bonnet	38.55	293	P	P	09 15 39.8	-1.4	
ULM	comp=Z,90nm,19.7s,baz=66,slow=3.4							
ULM	Lac du Bonnet	38.55	293	P	P	09 16 03.0		
XAN	Agios Georgios	39.54	88	P	Iamb	Iamb	09 15 49.8	+0.1
AGG	comp=Z,18nm,1.0s	i	Iamb	Iamb	09 15 51.3			
AGG	Yellowknife Ar	42.31	317	P	P	09 16 11.4	-0.7	
YKA	comp=Z,2.4nm,0.9s,baz=64,slow=9.4,SNR=18							
YKA	comp=Z,1.0nm,0.9s,baz=68,slow=7.4,SNR=5.7							
YKA	comp=Z,42nm,19.0s,baz=42.0,slow=3.3							
PBMO	Poplar Bluff	42.97	272	P	Iamb	Iamb	09 16 17.9	0.0
PBMO	comp=Z,11nm,0.7s	i	Iamb	Iamb	09 16 25.5			
MDUB	Mudurnu	44.03	79	P	P	09 16 26.8	+0.3	
BR131	Keskin Array B	45.96	79	P	P	09 16 42.5	+0.6	
BR131	Keskin Array B	45.96	79	P	P	09 16 43.1	+1.2	
BRTR	comp=Z,7.0nm,0.8s,baz=301,slow=5.9,SNR=31							
BRTR	comp=Z,50nm,19.0s,baz=321,slow=38							
BRTR	LASA Array B	46.96	79	P	P	09 16 41.6	-0.3	
LAO	LASA Array B	46.96	79	P	Iamb	Iamb	09 16 44.5	+0.4
LAO	comp=Z,8.5nm,0.8s	i	Iamb	Iamb	09 16 45.9			
INK	Inuvik	46.30	330	P	P	09 16 42.6	-1.4	
TORD	comp=Z,3.1nm,0.8s,baz=38,slow=7.4,SNR=3.9							
TORD	Torodi Ar. Bea	47.78	132	P	P	09 16 56.8	+0.6	
TORD	comp=Z,0.2nm,0.5s,baz=328,slow=7.4,SNR=5.7							
TORD	comp=Z,35nm,18.0s,baz=325,slow=34							
TORD	Torodi Ar. Bea	47.78	132	P	P	09 16 58.5	+2.3	
EPYK	Eagle Plains	48.44	329	P	P	09 17 00.4	-0.4	
K22A	Casper	48.88	290	P	P	09 17 04.2	-0.4	
K22A	comp=Z,13nm,1.4s	i	Iamb	Iamb	09 18 08.1			
KBZ	Khabaz	48.89	69	P	P	09 17 04.7	+0.3	
ARU	Arti	49.28	47	P	P	09 17 07.0	-0.3	
ARU	Arti	49.28	47	P	P	09 17 06.4	-0.9	
ARU	Yellowstone No	49.39	294	P	P	09 17 09.1	+0.5	
BOZ	Bozeman (W)	49.92	296	P	P	09 17 12.9	+0.4	
BMAR	Burnt Mountain	50.13	332	P	P	09 17 12.9	-0.8	
PD31	Pinedale Array	50.54	292	P	P	09 17 16.2	-1.2	
PDAR	Pinedale Array	50.54	292	P	P	09 17 16.6	-0.7	
PDAR	comp=Z,2.1nm,0.6s,baz=62,slow=7.5,SNR=26							
PDAR	comp=Z,109nm,18.9s,baz=78,slow=35							
PDAR	Pinedale Array	50.54	292	P	P	09 17 15.9	-1.4	
TOLK	Toolik Lake Re	50.64	335	P	Iamb	Iamb	09 17 17.8	+0.3
TOLK	comp=Z,1.6nm,1.6s	i	Iamb	Iamb	09 17 34.5			
SNOW	Snow King Moun	50.77	293	P	P	09 17 19.2	0.0	
SNOW	comp=Z,17nm,1.8s	i	Iamb	Iamb	09 17 22.1			
DBIC	Dimbokro	50.98	144	P	P	09 17 20.8	+0.3	
DBIC	comp=Z,3.6nm,0.9s,baz=0.0,slow=7.1,SNR=2.4							
O2A0	White River Ci	51.48	288	P	P	09 17 25.2	+0.0	
ILAR	Eielson Array	52.66	331	P	P	09 17 32.6	0.0	
ILAR	comp=Z,1.0nm,0.8s,baz=44,slow=5.6,SNR=12							
ILAR	comp=Z,113nm,18.9s,baz=77,slow=35							
ILAR	Alto Array	52.66	331	P	P	09 17 33.3	+0.2	
ILAR	Aktjubinsk	52.73	53	P	P	09 17 33.5	+0.2	
HLID	Hailey	52.75	295	P	P	09 17 34.0	+0.2	
HLID	comp=Z,16nm,2.0s	i	Iamb	Iamb	09 18 05.2			
PV12	Saucer Basin,	53.00	287	P	P	09 17 36.7	+0.9	
PV12	comp=Z,11nm,1.1s	i	Iamb	Iamb	09 17 46.4			
PV02	Paradox Valley	53.48	280	P	P	09 17 36.8	+0.8	
PV02	comp=Z,5.3nm,0.9s	i	Iamb	Iamb	09 17 38.3			
PV18	Skein Mesa, Pa	53.11	287	P	P	09 17 36.0	-0.6	
BGU	Big Grassy Mou	53.70	292	P	P	09 17 39.6	-1.2	
DUG	Dugway, Toote	54.07	291	P	P	09 17 42.1	-1.4	
DUG	comp=Z,3.5nm,0.7s	i	Iamb	Iamb	09 17 45.0			
ABKAR	Akbulak array	54.45	54	P	P	09 17 46.1	+0.2	
ABKAR	comp=Z,5.3nm,0.9s	i	Iamb	Iamb	09 17 47.1			
ABKAR	Akbulak array	54.45	54	P	P	09 17 46.0	+0.1	
TRF	Thorafore Moun	54.65	331	P	P	09 17 46.5	-0.9	
MVU	Marysvalde	54.86	289	P	P	09 17 47.6	-1.8	
Tiksi	Tiksi	55.44	7	P	P	09 17 53.2	+0.5	
WVOR	Wild Horse Val	55.82	297	P	P	09 17 54.7	-1.3	
TXAR	Lajitas Array	56.13	275	P	P	09 17 58.4	-0.1	
TXAR	comp=Z,0.4nm,0.4s,baz=76,slow=7.5,SNR=7.2							
TXAR	comp=Z,77nm,18.4s,baz=0.0,slow=36							
CCUT	Cedar City	56.17	289	P	P	09 17 58.2	-0.6	
KNB	Kanab	56.23	288	P	P	09 17 58.7	-0.4	
U15A	North Rim	56.32	287	P	P	09 17 59.5	-0.4	
BVOR	Borovoye	56.64	45	P	P	09 18 01.9	+0.3	
BRK	Borovoye Array	56.70	45	P	P	09 18 02.2	+0.1	
X16A	Lo Mia Camp, P	57.22	285	P	Iamb	Iamb	09 18 06.9	+0.7
X16A	comp=Z,3.7nm,0.8s	i	Iamb	Iamb	09 18 08.8			
TPH	Tonopah	58.02	292	P	P	09 18 12.2	+0.4	
PAHR	Pah Rah Range	58.10	295	P	P	09 18 12.6	+0.3	
PAHR	comp=Z,4.2nm,0.9s	i	Iamb	Iamb	09 18 14.1			
NV11	Minna Array Sit	58.30	293	P	P	09 18 14.0	+0.3	
RYN	Ryan	58.37	293	P	P	09 18 13.6	-0.6	
NVAR	Minna Array Bea	58.39	293	P	P	09 18 13.9	-0.5	
NVAR	comp=Z,0.6nm,0.6s,baz=53,slow=7.0,SNR=8.0							
NVAR	comp=Z,78nm,19.6s,baz=34,slow=35							
NVAR	Minna Array Bea	58.38	293	P	P	09 18 13.2	-1.2	
VCPN	Virginia City	58.53	295	P	P	09 18 15.8	+0.2	
CBOC	Citadel Golivar	58.62	233	eP	P	09 18 22.9	+6.6	
PNTR	Pine Nut	58.65	294	P	P	09 18 16.5	+0.1	
PNTR	comp=Z,4.6nm,0.8s	i	Iamb	Iamb	09 18 17.8			
ROSC	El Rosal	58.69	231	P	P	09 18 17.2	+0.3	
ROSC	comp=Z,6.1nm,0.6s,baz=147,slow=22,SNR=7.3							
ROSC	comp=Z,2.7nm,21.6s,baz=58,slow=32							
ROSC	El Rosal	58.69	231	P	P	09 18 17.9	+1.0	
ROSC	El Rosal	58.69	231	eP	P	09 18 17.1	+0.1	

GUVC2	Guyana, Caldas	58.86	232	eP	P	09 18 19.6	+1.4	
RREF	El Recreo	59.13	232	eP	P	09 18 25.1	+4.8	
KDKA	Kodiak Island	59.95	328	LR	LR	09 43 29.9		
PRAC	Prado	59.95	328	eP	P	09 18 23.6	-1.6	
ORTO	Ortega, Tolima	61.52	287	P	P	09 18 24.1	-1.1	
BAR	Barrett	61.52	287	P	P	09 18 36.5	+0.7	
BAR	comp=Z,3.6nm,0.8s	i	Iamb	Iamb	09 18 38.2			
ZALV	Zalesovo Beam	61.77	37	P	P	09 18 37.8	+0.7	
ZALV	comp=Z,0.9nm,0.5s,baz=319,slow=8.6,SNR=4.6							
KURK	Kurchatov	61.87	42	P	P	09 18 36.9	-0.9	
KURBB	Kurchatov Arra	61.90	42	P	P	09 18 38.3	+0.3	
YAK	Yakutsk	64.93	9	LR	LR	09 45 23.3		
YAK	comp=Z,10.9nm,19.9s,baz=329,slow=7.2,SNR=11							
MAKZ	Makanchi	66.31	43	P	P	09 19 06.5	-0.6	
MK31	Makanchi Array	66.45	43	P	Iamb	Iamb	09 19 07.5	-0.5
MK31	comp=Z,2.5nm,0.7s	i	Iamb	Iamb	09 19 09.1			
MKAR	Makanchi Array	66.45	43	P	P	09 19 08.4	+0.4	
MKAR	comp=Z,2.7nm,0.6s,baz=331,slow=5.7,SNR=40							
MKAR	Makanchi Array	66.45	43	P	P	09 19 07.7	-0.3	
KSH	Kashi	69.36	52	P	P	09 19 29.3	+2.7	
KSH	comp=Z,3.0nm,0.9s	i	pmax	pmax				
KSH	comp=Z,330nm,4.7s	i	pmax	pmax				
WMQ	Ururumi	71.08	41	eP	P	09 19 38.9	+1.9	
WMQ	comp=Z,1.1nm,0.9s	i	pmax	pmax				
WMQ	comp=Z,200nm,5.3s	i	pmax	pmax				
SONM	Songino Array	74.04	27	P	P	09 19 55.0	+0.4	
SONM	comp=Z,1.3nm,0.9s,baz=358,slow=4.9,SNR=8.4							
SONM	Songino Array	74.04	27	P	P	09 19 54.9	+0.3	
HHC	Hu-ho-hao-te	81.91	27	eP	P	09 20 38.8	+0.4	
HHC	comp=Z,13nm,1.3s	i	pmax	pmax				
HHC	comp=Z,87nm,6.6s	i	pmax	pmax				
XAN	Xi'an	87.44	31	P	P	09 21 14.8	+8.5	
XAN	comp=Z,8.7nm,1.0s	i	pP	pmax				
XAN	comp=Z,6.0nm,1.7s	i	LR	LR	09 21 23.0	+1.0		
XAN	comp=N,550nm,16.3s	i	LR	LR				
XAN	comp=E,320nm,17.3s	i	LR	LR				
XAN	comp=Z,450nm,13.0s	i	LR	LR				
NJ2	Nanjing	92.13	24	eP	P	09 21 27.3	-1.0	
NJ2	comp=Z,5.0nm,0.5s	i	pmax	pmax				
WRA	Warramunga Arr	149.50	23	PKPbc	PKPbc	09 27 58.0	-0.4	
WRA	comp=Z,1.4nm,0.9s,baz=342,slow=3.2,SNR=7.2							
WRA	Warramunga Arr	149.50	23	PKPbc	PKPbc	09 27 58.5	-0.3	
DRZ	Mont Dzumbe	146.33	327	PKPbc	PKPbc	09 27 59.9	-0.6	
DRZ	comp=Z,9.6nm,0.8s,baz=77,slow=18,SNR=1.9							
DSM	Mont Dzumbe	146.33	327	PKPbc	PKPbc	09 27 58.8	-0.9	
AZAR	Alice Springs	149.37	25	PKPbc	PKPbc	09 28 07.3	-0.5	
AZAR	comp=Z,1.2nm,0.7s,baz=357,slow=2.2,SNR=1.1							
ASAR	Alice Springs	149.37	25	PKPbc	PKPbc	09 28 07.2	-0.6	

NOU 15 09:19:03.5,37.04S:178.41E,h203km,MLV4.3,Off E.
Coast of N. Island, N.Z.
WEL 15 09:19:03.7,37.04S:178.41E,h134km,4km,M3.5/41,
ML3.9/8,MLV3.5/41,Error ellipse: s-maj=0.0km
s-min=0.0km az=177.5

IDC 15 09:19:15.7,1.5,37.26S:176.89E,h133km,23km,mb3.0/2,
mb1 3.4/3,mb1mx3.3/25,mbtmp3.6/3,Error ellipse:
s-maj=1.1km s-min=20.0km az

MOS 15 09:38:52.6:1.0,39:47N:75:16E,h51km,mb5.0/31,Error ellipse: s-maj=5.4km s-min=3.6km az=95.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH, SFK, OHH, ARSB, ARLS, DRK, UCH, AML, ULHL, KDJ, KBK, AAK, FRU1, TKM2, CHMS, MRKS, KST, IZV, DGS, USP.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USP, TNSS, TNSN, ANVS, PRZ, MDOK, AAA, ARXS, BRLS, BTLS, KAPAS, SMLA, MAKZ, MK31, WMQ, NDI, HRA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KPKS, SHLS, KK31, ARXS, BRLS, BTLS, KAPAS, SMLA, MAKZ, MK31, WMQ, NDI, HRA.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like PMR, N02D, M02C, ARVC, GHO, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like I05D, PINE, WRH, IRM, TPH, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like BMO, TOLK, KNB, X16A, U15A, etc.

15d 10h

SSLB	Suanglung	0.90 240	i P	Pn	10 07 48.3 +1.1
SSLB	baz=240		i S	Sn	10 08 01.2 +0.9
SMLT	Sun Moon Lake	0.90 247	P	Pn	10 07 48.8 +1.5
SMLT	baz=246		S	Sn	10 08 01.3 +0.8
TNOU	National Taiwa	0.91 358	e P	Pn	10 07 48.4 +1.0
TNOU	baz=358		S	Sn	10 08 01.7 +1.2
NCUH	Zhongli	0.92 322	e P	Pn	10 07 48.8 +1.3
NCUH	baz=322		S	Sn	10 08 01.2 +0.5
NCU	National Centr	0.92 323	e S	Sn	10 08 01.6 +0.9
SBCB	Hsinchu	0.93 307	P	Pn	10 07 48.8 +1.3
SBCB	baz=307		S	Sn	10 08 02.0 +1.1
TWS1	Kuanpinshin	0.93 338	e P	Pn	10 07 48.6 +1.1
TWS1	baz=338		e S	Sn	10 08 01.7 +0.8
HSN	Hsinchu	0.94 307	e P	Pn	10 07 48.9 +1.2
HSN	baz=309		S	Sn	10 08 01.8 +0.6
TWQ1	Liyutan	0.94 277	P	Pn	10 07 49.1 +1.3
TWQ1	baz=277		S	Sn	10 08 01.8 +0.5
NJN	Zhunan	0.96 298	e P	Pn	10 07 49.4 +1.5
NJN	baz=298		S	Sn	10 08 02.3 +0.8
NSY	Sanyi	0.96 281	e P	Pn	10 07 49.1 +1.0
NSY	baz=281		e S	Sn	10 08 02.6 +0.8
NMLH	Miaoili	0.97 288	P	Pn	10 07 48.7 +0.6
NMLH	baz=288		e S	Sn	10 08 02.6 +0.8
NTST	Danshui	0.97 341	e P	Pn	10 07 49.6 +1.5
NTST	baz=341		e S	Sn	10 08 02.6 +0.7
ANP	Anpu	0.98 345	e P	Pn	10 07 49.7 +1.4
ANP	baz=345		e S	Sn	10 08 03.1 +1.0
EYUL	Yuli	0.99 207	e P	Pn	10 07 50.2 +1.8
EYUL	baz=206		e S	Sn	10 08 03.5 +1.2
TWF1	Yuli	1.00 208	P	Pn	10 07 48.2 -0.2
TWF1	baz=207		S	Sn	10 08 02.6 +0.2
WHYT	Xinyi Township	1.02 238	e P	Pn	10 07 50.0 +1.2
WHYT	baz=238		e S	Sn	10 08 04.2 +1.2
TCU	Taichung	1.03 265	e P	Pn	10 07 50.0 +1.2
TCU	baz=265		e S	Sn	10 08 04.4 +1.2
TWY	Chenhua	1.05 350	e P	Pn	10 07 49.6 +0.5
TWY	baz=350		e S	Sn	10 08 04.9 +1.4
JYNG	Yonagunijimaku	1.06 78	P	Pn	10 07 50.2 +1.0
JYNG	baz=78		S	Sn	10 08 04.7 +0.8
WDJ	Dajia District	1.06 276	e P	Pn	10 07 50.6 +1.3
WDJ	baz=276		e S	Sn	10 08 05.1 +1.2
WJS	Zhushan	1.06 247	e P	Pn	10 07 51.2 +1.9
WJS	baz=247		e S	Sn	10 08 05.4 +1.5
WNT1	Nantou City	1.08 252	e P	Pn	10 07 51.2 +1.8
WNT1	baz=252		e S	Sn	10 08 05.3 +1.2
WNT	Mingjian	1.08 251	e P	Pn	10 07 51.5 +2.0
WNT	baz=250		e S	Sn	10 08 05.5 +1.2
YOJ	Yonaguni jima	1.12 78	P	Pn	10 07 50.9 +0.9
YOJ	baz=78		e S	Sn	10 08 05.9 +0.7
FULB	Fulli	1.14 204	e P	Pn	10 07 51.1 +0.9
FULB	baz=204		e S	Sn	10 08 06.0 +0.5
WCHH	Zhanghua	1.15 262	P	Pn	10 07 51.7 +1.4
WCHH	baz=262		e S	Sn	10 08 05.8 +0.2
ALS	Alisan	1.17 232	P	Pn	10 07 52.6 +1.8
ALS	baz=231		e S	Sn	10 08 08.2 +1.6
CHKT	Chengkung	1.20 199	P	Pn	10 07 51.5 +0.5
CHKT	baz=198		e S	Sn	10 08 06.7 -0.3
CHNS	Tsauling	1.21 238	P	Pn	10 07 53.0 +1.8
CHNS	baz=238		e S	Sn	10 08 08.6 +1.3
WGK	Gukeng	1.26 244	e P	Pn	10 07 53.3 +1.6
WGK	baz=244		e S	Sn	10 08 10.4 +2.1
ELDTW	Lidau	1.27 215	P	Pn	10 07 52.5 +0.5
ELDTW	baz=214		S	Sn	10 08 08.0 -0.6
WDLH	Douliu	1.28 245	e P	Pn	10 07 53.6 +1.7
WDLH	baz=244		e S	Sn	10 08 10.5 +1.9
EDH	Donghe	1.34 200	P	Pn	10 07 54.3 +1.5
EDH	baz=199		S	Sn	10 08 10.2 +0.1
RLNB	Erlin	1.36 256	e P	Pn	10 07 54.6 +1.6
RLNB	baz=255		e S	Sn	10 08 11.9 +1.3
WTK	Tuku	1.40 247	e P	Pn	10 07 54.1 +0.6
WTK	baz=247		S	Sn	10 08 12.9 +1.3
PCYT	Pengchayiu	1.41 10	e P	Pn	10 07 55.5 +1.9
PCYT	baz=10		e S	Sn	10 08 13.7 +2.1
CHN4	Tsaushan	1.42 232	P	Pn	10 07 55.9 +2.1
CHN4	baz=231		S	Sn	10 08 13.3 +1.4
STYH	Taoyuan	1.42 222	e P	Pn	10 07 55.8 +2.0
STYH	baz=221		e S	Sn	10 08 13.3 +1.4
TPUB	Ta-pu	1.42 229	P	Pn	10 07 55.3 +1.4
TPUB	baz=229		S	Sn	10 08 14.1 +2.0
STYT	Tauyuan	1.44 222	P	Pn	10 07 56.0 +2.0
STYT	baz=221		e S	Sn	10 08 13.7 +1.3
CHY	Chiayi	1.46 240	e P	Pn	10 07 55.9 +1.6
CHY	baz=239		e S	Sn	10 08 13.3 +0.4
LONT	Longtan	1.46 205	e P	Pn	10 07 54.3 0.0
LONT	baz=204		e S	Sn	10 08 13.1 +0.1
WTP	Ta-pu	1.47 228	P	Pn	10 07 56.3 +1.8
WTP	baz=227				

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WTP	baz=227		S	Sn	10 08 14.4 +1.2
TWK	Hsiinying	1.54 231	e P	Pn	10 07 57.7 +2.3
TWK	baz=231		e S	Sn	10 08 16.0 +1.1
TWG	Pinlang	1.56 206	e P	Pn	10 07 55.5 -0.2
TWG	baz=205		S	Sn	10 08 14.6 -0.7
TWGBT	Beinan	1.56 205	P	Pn	10 07 57.1 +1.4
TWGBT	baz=205		e S	Sn	10 08 15.3 0.0
WSF	Szhu	1.56 248	e P	Pn	10 07 57.2 +1.5
WSF	baz=247		e S	Sn	10 08 16.5 +1.3
WNST	Tainan City	1.57 230	e P	Pn	10 07 57.4 +1.6
WNST	baz=229		e S	Sn	10 08 16.2 +0.8
CHN1	Nanshi	1.57 228	e P	Pn	10 07 58.1 +2.3
CHN1	baz=228		e S	Sn	10 08 17.0 +1.5
LDUT	Ludao	1.59 191	P	Pn	10 07 57.6 +1.6
LDUT	baz=190		e S	Sn	10 08 15.2 -0.6
SGST	Jiashian	1.60 224	e P	Pn	10 07 57.8 +1.5
SGST	baz=223		e S	Sn	10 08 17.4 +1.2
SLGT	Liugui	1.63 221	e P	Pn	10 07 58.1 +1.5
SLGT	baz=220		e S	Sn	10 08 18.6 +1.7
ICHU	Yijhu	1.65 238	e P	Pn	10 07 58.4 +1.7
ICHU	baz=238		e S	Sn	10 08 18.8 +1.6
CHN8	Yiju	1.71 239	e P	Pn	10 07 59.1 +1.5
CHN8	baz=238		e S	Sn	10 08 20.4 +1.8
IRIF	Iriomote-Funau	1.76 87	P	Pn	10 07 59.2 +0.9
IRIF	baz=87		S	Sn	10 08 20.4 +0.4
SCST	Cishan	1.80 222	e P	Pn	10 07 59.6 +0.7
SCST	baz=221		e S	Sn	10 08 22.3 +1.3
ECL	Taimali	1.81 206	P	Pn	10 08 00.6 +1.7
ECL	baz=205		S	Sn	10 08 21.3 +0.2
SSD	Sandimen	1.83 216	e P	Pn	10 08 00.8 +1.6
SSD	baz=215		e S	Sn	10 08 22.9 +1.2
HATJ	Hateruma jima	1.84 95	P	Pn	10 08 00.4 +1.1
HATJ	baz=95		e P	Pn	10 08 01.6 +2.0
TSMG	Majia	1.86 215	e P	Pn	10 08 23.6 +1.3
TSMG	baz=214		e S	Sn	10 08 25.3 +1.6
MASBT	Mashibuluo	1.94 214	e P	Pn	10 08 23.8 +1.6
MASBT	baz=213		e S	Sn	10 08 25.8 +1.5
JKRS	Kuro-shima	2.02 90	P	Pn	10 08 03.1 +1.5
JKRS	baz=90		S	Sn	10 08 27.4 +1.4
EAST	Anshuo	2.04 206	e P	Pn	10 08 02.9 +0.8
EAST	baz=205		e S	Sn	10 08 27.5 +0.7
SSPT	Xinbi	2.08 213	e P	Pn	10 08 04.1 +1.5
SSPT	baz=212		e S	Sn	10 08 04.1 +0.8
JJU	Ishigaki jima	2.14 86	P	Pn	10 08 28.7 -0.3
JJU	baz=86		S	Sn	10 08 05.1 +1.6
SCZT	Fangliang	2.15 211	e P	Pn	10 08 30.3 +1.0
SCZT	baz=210		e S	Sn	10 08 03.7 +0.1
PNG	Penghu	2.16 252	e P	Pn	10 08 29.0 -0.5
PNG	baz=252		e S	Sn	10 08 05.0 +1.3
PHUB	P'eng-hu	2.17 251	e P	Pn	10 08 28.0 -1.6
PHUB	baz=250		e S	Sn	10 08 05.8 +1.5
LAY	Lan-yu	2.20 186	e P	Pn	10 08 05.8 +1.5
LAY	baz=185		e S	Sn	10 08 29.8 -0.8
SLIU	Shizi	2.21 205	e P	Pn	10 08 06.0 +1.6
SLIU	baz=204		e S	Sn	10 08 31.4 +0.6
PTTC	Pingtang	2.23 305	e P	Pn	10 08 04.5 -0.1
PTTC	baz=304		e S	Sn	10 08 29.5 -1.7
VWUC	VWUC	2.27 290	e P	Pn	10 08 04.8 -0.2
VWUC	baz=289		e S	Sn	10 08 31.6 -0.5
JISG	Ishigakijimahi	2.31 81	P	Pn	10 08 06.5 +0.8
JISG	baz=81		e S	Sn	10 08 33.3 +0.1
VCHM	Qimei	2.40 245	e P	Pn	10 08 38.5 +1.6
VCHM	baz=244		e S	Sn	10 08 35.8 +0.5
TWKB	Hengchun	2.46 202	e P	Pn	10 08 07.7 +1.0
TWKB	baz=201		e S	Sn	10 08 36.4 -0.4
MATB	Ma-tsu	2.54 319	e P	Pn	10 08 08.6 -0.1
MATB	baz=318		e S	Sn	10 08 36.6 -2.0
MSUT	Lienchiang	2.57 319	e P	Pn	10 08 10.6 +1.5
MSUT	baz=318		e S	Sn	10 08 38.9 -0.4
PTMZ	Houxiangcun	2.57 289	e P	Pn	10 08 09.0 -0.1
PTMZ	baz=288		e S	Sn	10 08 39.0 -0.3
JTJ	Tarama	2.67 81	P	Pn	10 08 11.8 +1.3
JTJ	baz=81		S	Sn	10 08 42.3 +0.4
LYJJ	Jianjiangzhen	2.95 322	e P	Pn	10 08 14.4 +0.1
LYJJ	baz=321		e S	Sn	10 08 47.4 -1.2
KNM	Kinmen	3.08 274	e P	Pn	10 08 19.4 +3.4
KNM	baz=273		e S	Sn	10 08 53.0 +1.3
KNMB	Chin-men Tao	3.12 275	e P	Pn	10 08 16.3 -0.3
KNMB	baz=274		e S	Sn	10 08 51.7 -1.1
MHZO	Yeshan	3.12 307	e P	Pn	10 08 16.3 -0.3
MHZO	baz=306		e S	Sn	10 08 53.1 +0.3
JIRB	Irabujima	3.13 78	S	Sn	10 08 53.7 +0.8
JIRB	baz=78		S	Sn	10 08 55.7 +0.7
JMKM	Ikemajima	3.21 77	S	Sn	10 08 19.9 +1.8
JMKM	baz=77		e S	Sn	10 08 55.8 +0.3
JMJ2	Miyako jima2	3.25 80	P	Pn	10 08 20.1 +1.7
JMJ2	baz=80		e S	Sn	10 08 56.5 +0.5
JOGS	Gusukube	3.33 80	P	Pn	10 08 21.2 +1.8
JOGS	baz=80		e S	Sn	10 08 24.1 +1.7
AXDP	Jialang	3.55 281	e P	Pn	10 09 02.2 -1.0
AXDP	baz=280		e S	Sn	10 11 45.1 +1.2
SKMP	Baumbayan, Su	17.82 171	e P	Pn	10 11 35.0 -4.1
SKMP	baz=171		e P	Pn	10 11 35.0 -4.1

10 11 08:54.2±1.5, 27.64N×104.30E, h0km, mb3.2/4, mb1 3.5/4, mb1mx3.2/68, mbtmp3.3/4, Error ellipse: s-maj=92.9km s-min=25.4km az=65.0, Yunnan

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Code	Station Name	Δ° AZ°	Phase ID	Time	Res
SOMM	Songino Array	20.22 4	Op	10 13 31.4 +0.5	ISC
MKAR	Makanchi Array	25.78 324	P	10 14 26.5 -0.3	ISC
WRA	Warramunga Arr	55.53 145	P	10 18 30.9 -0.5	ISC
ASAR	Alice Springs	58.47 148	P	10 18 52.8 +0.5	ISC
	0.2mm, 0.4s, baz=330, slow=7.3, SNR=1.8				
IDC 15 10:14:50.4±0.6, 1.23N:97.03E, h0km, mb4.4/26, mb1 4.5/28, mb1mx4.2/76, mbtmp4.4/28, ML4.3/2, MS3.4/8, Ms1 3.5/8, ms1mx3.2/36, Error ellipse: s-maj=15.9km s-min=12.0km az=38.0					
DJA 15 10:14:53.6±1.0, 1.1N:3.97E, h20km, 6km, M4.6/16, mb4.7/16, mb5.1/5, MLV4.6/13, Mw(MB)4.5/5					
BUJ 15 10:14:54.7±0.0, 1.19N:97.24E, h46km, mB5.0/32, mb4.7/51, Ms4.5/17, Ms7.4/317					
NEIC 15 10:14:55.7±1.6, 1.131N:0.08, 97.14E, 0.04, h32km, 5km, mb4.6/33, Error ellipse: s-maj=11.5km s-min=5.3km az=186.0					
KLM 15 10:14:57.1±44N:96.92E, h6km, mb4.6					
ISC 15 10:14:55.8±0.4, 1.23N:0.05, 97.06E:0.06, h35km, m154, s1925/156, mb4.6/63, MS3.8/12, 2C-10, Northern					
Sumatera					
Code	Station Name	Δ° AZ°	Phase ID	Time	Res
GSI	Gunungsitoli	0.52 82	Op	10 15 05.2 -1.6	ISC
GSI	Gunungsitoli	0.52 82	P	10 15 05.2 -1.6	ISC
PBSI	Pulau Batu	1.77 136	P	10 15 24.1 +0.2	ISC
PBSI	Pulau Batu	1.77 136	S		

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, KMB Musomiste, RZM Rooden, etc.

IDC 15 10:22:49.9, 0.9, 70.78S, 179.26W, h196km, gkm, mb4.1/5, mb1.4/2.7, mb1mx3.8/30, mbtmp4.6/7, Error ellipse: s-maj=19.1km s-min=14.1km az=177.0

ISC 15 10:22:49.7, 0.7, 21.02S, -0.07, 173.9W, 0.1, h200km, n46, -230/63, mb4.5/5, Kermadec Islands region

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists numerous stations including GLKZ, RAO, MXZ, WMGZ, HAZ, HAZ, PKGZ, PUZ, RUGZ, RWGZ, TWGZ, CNGZ, MWZ, TKGZ, URZ, etc.

GEN 15 10:23:59.4, 44.18N, 10.97E, h22km, 4km, M1.5, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like POPM Popiglio, SARO Sassorosso, SARO.

IDC 15 11:19:50.0, 1.1, 7.25S, 126.78E, h337km, 16km, mb2.6/1, mb1.3/0.5, mb1mx2.8/33, mbtmp3.7/5, Error ellipse: s-maj=21.8km s-min=13.2km az=103.0

DJA 15 11:19:53.0, 0.7, 7.5S, 16 x 12 6E, 1.1, h266km, 18km, Mb, 1/6, mb3.8/6, MLV4/36

ISC 15 11:19:50.8, 0.9, 7.41S, 0.08x127.02E, 0.09, h300km, n12, +180/16, Banda Sea

Main table for the second section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SOEI, BATI, BATI, BATI, FAKI, BASI, SIJI, SWI, FITZ, WRA, ASAR, ASAR, MKAR, etc.

IDC 15 11:37:53.8, 0.6, 14.10N, 125.11E, h0km, mb4.0/15,

mb1.4/2/18, mb1mx4.0/43, mbtmp4.1/18, ML4.3/3, MS2.9/2, Ms1.3/0.2, ms1mx2.4/56, Error ellipse: s-maj=21.8km s-min=12.2km az=81.0

MAN 15 11:38:01.3, 13.95N, 124.65E, h17km, mb5.1, ML4.1, MS4.2

ISC 15 11:37:57.5, 0.6, 14.04N, 10.05, 125.02E, 0.07, h27km, n44, +137/46, mb4.3/21, 2.0, Philippine Islands region

Main table for the third section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like PVCP, SCSP, CNP, JCNP, GGP, LQP, MSLP, TGY, SJMP, GUIM, GUIM, CNP, ENPP, SIJI, KAPI, KSRS, CM35, CM34, CM36, CM09, CM04, CM01, CM05, CM02, CMAR, CMAR, CM13, CM13, CM32, CM32, WRA, USRK, FITZ, WRA, KLR, SONM, ASAR, PETK, NWA0, MKAR, STKA, ZALV, NRK, ILAR, etc.

IDC 15 11:46:54.2, 1.0, 4.35S, 12.00W, h0km, mb4.0/13, mb1.4/2/13, mb1mx4.0/42, mbtmp4.1/13, MS3.9/20, Ms1.3.9/20, ms1mx3.6/44, Error ellipse: s-maj=27.7km s-min=20.9km az=84.0

GCMT 15 11:46:58.0, 0.3, 4.67S, 12.42W, 0.02, h15km, 1km, MW4.9/97, Moment Tensor Solution, s17, c19, s97, c119; Duration: 0. Moment tensor: Scale 1016Nm; Mr=2.23; 1.7; Mw=0.04; 0.9; Mm=2.20; 1.2; Mo=1.19; 2.7; Mw=0.28; 0.7; Ms=1.500000; 0.52.00000; -1.6.00000. Principal axes: T 2.2440, Plg3.0000, Azm84.0000; N 0.5400, Plg24.0000; Azm176.0000; P -2.7760, Plg66.0000, Azm348.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location

Triangular moment-rate function

ISC 15 11:46:55.7, 0.9, 4.45S, 12.20W, 0.2, h10km, n35, +086/14, mb4.1/12, MS3.9/19, North of Ascension Island

Main table for the fourth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like H10N2, H10N1, H10N3, H10S2, H10S3, DBIC, TORO, TORO, RCBR, BDFB, MDT, SUR, LBTB, MATP, Pitinga, BOSF, BOA, ESCD, KEST, PTGA, CPUR, SIV, SIV, EIL, GERES, GERES, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SDV, BRTR, NNA, AKASG, ATAH, HFS, KBZ, FINES, SADO, TKL, TEIG, MKAR, ASAR, etc.

TAP 15 12:05:01.8, 25.05N, 121.94E, h15km, ML1.9, C, Taiwan

Main table for the fifth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like TWB1, TWB1, TIPB, TIPB, TNOU, TNOU, TNCU, NTC, TWA, TWY, TWY, NHDH, NHDH, TWE, TWE, TATO, TATO, TATU, TATU, TWC, TWC, NDS, NDS, NWLW, NWLW, ENTT, ENTT, NDT, NDT, NSK, NSK, NSK, ENA, ENA, NNSB, NNSB, NNSH, NNSH, SBCB, SBCB, NACB, NACB, ETHL, ETHL, FUSS, FUSS, CHGB, CHGB, etc.

TAP 15 12:05:06.1, 24.89N, 121.97E, h7km, ML1.8, D, Taiwan

Main table for the sixth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like TWB1, TWB1, NTC, TIPB, TIPB, NWF, NWF, WFSB, WFSB, TWC, TWC, TNOU, TNOU, TWE, TWE, NDS, NDS, TWA, TWA, TWA, NWLW, NWLW, etc.

Table with columns: Call sign, Name, Frequency, Mode, Direction, Date/Time, and other parameters. Includes stations like RAGZ Rawiri, BKZ Black Stump Fm, BKZ comp=Z,45nm,1.1s, etc.

Table with columns: Call sign, Name, Frequency, Mode, Direction, Date/Time, and other parameters. Includes stations like INCN Incheon, RAR Rarotonga, ASAJ Asahiawa, etc.

Table with columns: Call sign, Name, Frequency, Mode, Direction, Date/Time, and other parameters. Includes stations like CMAR Chiang Mai Arr, CM15 Chiang Mai Arr, CM13 Chiang Mai Arr, etc.

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Table with columns: TLY, comp-Z, frequency, speed, and other parameters. Includes stations like Talya, Ramite, Gumbi, etc.

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Table with columns: KSH, RND, MDO, SEM, TNSS, AAA, MCK, BWN, CHKK, M24K, I23K, I23K, KUU, NIL, WRH, TKM2, TKM2, CCB, TCOL, COLA, COLA, KURK, HDA, HDA, POKR, KBK, IL31, ILAR, ILAR, ILAR, COLD, COLD, CHMS, MAW, MAW, AAK, AAK, AAK, SGDS, SGDS, USP, MENT, A21K, QSPA, DOT, AML, SCR, EKS2, TOLK, TOLK, BTLS, BTLS, BTLS, BCAR, FYU, BMAR, EGAK, HYT, NRIK, NRIK, NRIK, NRIK, NRIK, DZA, DZA, DZA, KBL, KBL, KBL, BRZS, BRZS.

15d 12h

Table with columns: BRZS, KK31, KK31, KKAR, KKAR, KKAR, IUG, IUG, EPYK, EPYK, EPYK, BRVK, BRVK, BRVK, INK, INK, INK, J01E, K02D, I03D, M02C, N02D, HUMO, HUMO, WDC, WDC, WDC, YBH, YBH, YBH, L04D, I04A, O03E, J04D, M04C, ORV, ORV, ORV, K04D, A04D, SYO, SYO, HRA, B05A, J05D, I05D, PAGB, CMB, CMB, K05A, K05A, SMMC, PINE, PINE, PKM, BEKR, BEKR, MOD, MOD, LTY, LTY, VCNR, VCNR, PNTR, PNTR, WAKR, WAKR, VES, PAHR, PAHR, YERR, YERR, ARVC, MDPB, MDPB, C36M, C36M, I07A, I07A, CIS, ISA, ISA, ISA, DECC, PNT, PNT.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like YES, BFSC, N02D, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like 214A, SUKH, PDMOC, etc.

IDC 15 13:53:28.8z.3.6'S2S:131.31E,h44km,28km,mb3.7/3, mb1.4/5.9,mb1mx4.0/40,mbtmp4.6/9,ML4.9/5,Error ellipse: s-maj=31.3km s-min=18.1km az=75.0 NEIC 15 13:53:31.8z.2.3.6'1S1:0.07x131.5E:0.1,h86km,10km, mb4.3/20,Error ellipse: s-maj=15.6km s-min=9.4km az=103.0 DJA 15 13:53:31.7z.0.3.6'S2z:131.1E,h116km,6km,M4.7/13, mb5.1/6,mb4.7/13,ML4.8/13,Mw(mb)4.5/6 ISC 15 13:53:31.3z.0.5.6'41S:0.04x131.5E:0.05,h100km,n61, z2693/70,mb4.1/8,Tanimbar Islands region

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

WEL 15 13:54:07.4z.38'S.3.17'E:1.3,h216km,10km,M3.8/19, MLv3.8/19,Error ellipse: s-maj=0.0km s-min=0.0km az=86.3, North Island

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the North Island region.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations including Black Stump Fm, Arah, Shannon Statio, etc.

KRSC 15 13:57:36.3z.1.0.56'08N:164.56E,h47km,16km,ML3.7

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Komandorsky Islands region.

IDC 15 14:05:06.7z.2.9.59'76N:21.59E,h0km,mb1.3/1.3, mb1mx2.8/44,mbtmp3.0/3,ML1.2/2,Error ellipse: s-maj=44.8km s-min=10.7km az=160.0 HEL 15 14:05:06.4z.0.1.59'70N:21.32E,h0km,ML1.6, ML1.9(UPP),Explosion UPP 15 14:05:07.0z.0.7.59'70N:21.10E,h0km,ML1.9,Suspected explosion

ISC 15 14:05:03.9z.0.8.59'68N:0.03z.21.31E:0.02,h0km,n31, z=8784/13,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Baltic States-Belarus-Northwestern Russia region.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations including FINES, FIA1, KEF, NOA, ARCES.

IDC 15 14:14:14.5z.0.5.34'36N:76.24E,h0km,mb4.2/27, mb1.4/4.32,mb1mx4.2/60,mbtmp4.2/32,ML3.9/5,MS3.4/3, Ms1.3/4.3,ms1mx3.0/54,Error ellipse: s-maj=13.6km s-min=11.2km az=35.0 MOS 15 14:14:18.2z.1.1.34'49N:76.23E,h35km,mb4.6/17,Error ellipse: s-maj=7.5km s-min=3.7km az=83.9 NEIC 15 14:14:21.0z.1.3.34'43N:0.07x76.20E:0.10,h48km,7km, mb4.7/97,Error ellipse: s-maj=11.7km s-min=9.6km az=111.0

BUI 15 14:14:22.0z.0.34'57N:76.94E,h30km,mb4.6/22, mb4.3/35,ML4.3/6,Ms4.0/15,Ms7.3/9/13 NNC 15 14:14:28.3z.7.34'96N:76.07E,h97km,25km,mb4.1, mp4.3,Error ellipse: s-maj=32.9km s-min=21.8km az=0.0 ISC 15 14:14:19.5z.0.34'51N:0.04x76.22E:0.04,h35km,n301, z198/316,mb4.6/85,MS3.9/3,8C-9D,Eastern Kashmir

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations including Jammu, Thein Dam, DHARAMSHALA, etc.

15d 16h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Itaqui, San Fabin de, Cunico, Vilhena, etc.

15d 16:44:04.5;0.8,22.66N;121.50E, h0km, mb3.9/13, mb1 4.0/14, mb1mx3.7/53, mbtmp3.9/14, ML3.8/1, MS3.5/12, Ms1 3.5/12, ms1mx3.2/41, Error ellipse: s-maj=22.0km s-min=15.6km az=72.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Ludao, Taitung, Donghe, Beinan, Pinlang, Longtian, Taimali, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Fangliu, Ximbi, Pingtung City, Ruisui, Jiashian, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Mingjian, Chiawan, Nantou City, Pulli Township, etc.

TWA	Mucha	2.29	5	eP	Pn	16 44 45.9 +1.2
TWA	baz=14			eS	Sn	16 45 12.9 +0.6
TIPB	Shuangxi	2.31	11	eP	Pn	16 44 45.6 +0.6
YOJ	Yonaguni jima	2.33	40	P	Pn	16 44 45.6 +0.5
YOJ				eS	Sn	16 45 13.1 0.0
YOJ	Yonaguni jima	2.33	40	eP	Pn	16 44 45.7 +0.5
TWB1	Santiago Chiao	2.38	14	eP	Pn	16 44 47.1 +1.3
TWB1	baz=359			eS	Sn	16 45 14.7 +0.3
TWS1	Kuangyinshan	2.40	1	eP	Pn	16 44 47.3 +1.1
TWS1	baz=12			eS	Sn	16 45 16.1 +1.1
NWF	Wu-fen Shan	2.40	9	eP	Pn	16 44 47.5 +1.2
NWF	baz=9.0			eS	Sn	16 44 46.9 +0.7
WFSB	Wu-fen Shan	2.40	9	eP	Pn	16 44 46.9 +0.7
WFSB	baz=9.0			eS	Sn	16 44 48.0 +0.9
NTST	Danshui	2.47	2	eP	Pn	16 44 48.0 +0.9
ANP	Anpu	2.49	3	eP	Pn	16 44 48.4 +0.9
HATJ	Hateruma jima	2.63	58	P	Pn	16 44 49.2 -0.1
HATJ				eS	Sn	16 45 19.7 -0.9
IRIF	Iriomote-Funau	2.72	53	eP	Pn	16 44 50.6 0.0
IRIF				eS	Sn	16 45 23.1 +0.1
JKRS	Kuro-shima	2.88	57	P	Pn	16 44 52.8 0.0
JKRS				eS	Sn	16 45 26.3 -0.5
VWUC	VWUC	2.88	323	eP	Pn	16 44 51.9 -0.9
PCYT	Pengchayiu	3.00	12	eP	Pn	16 44 55.4 +1.0
PCYT	baz=11			eS	Sn	16 44 55.1 0.0
JJJ	Ishigaki jima	3.05	56	P	Pn	16 45 28.9 -2.1
JJJ				eS	Sn	16 44 54.9 -1.0
PTMZ	Houxiangcun	3.11	319	eP	Pn	16 44 55.5 -1.0
PTMZ	baz=318			eS	Sn	16 44 57.8 +0.8
PTTC	Pingtian	3.15	333	eP	Pn	16 44 56.4 -1.4
PTTC				eS	Sn	16 44 56.5 -1.3
KNMB	Chin-men Tao	3.19	303	eP	Pn	16 44 58.4 -0.1
KNMB	baz=299			eS	Sn	16 45 11.7 +0.2
KNMB	Chin-men Tao	3.25	304	P	Pn	16 44 58.5 -1.2
KNMB	baz=301			eS	Sn	16 45 36.5 -2.8
JISG	Ishigakijimahi	3.30	54	P	Pn	16 45 03.2 +0.1
JISG				eS	Sn	16 45 03.1 +0.2
OZH	Quanzhou	3.39	312	eP	Pn	16 45 02.7 -1.1
OZH				eS	Sn	16 45 02.3 -1.8
OZH				eS	Sn	16 45 04.9 -0.5
OZH	comp=N,790nm,10.8s			LR	LR	16 45 09.8 +0.4
OZH	comp=E,800nm,10.4s			LR	LR	16 45 55.7 -1.0
OZH	comp=Z,1um,12.8s			LR	LR	16 45 08.6 -1.1
JTJ	Tarama	3.63	57	P	Pn	16 45 10.6 +0.1
JTJ				eS	Sn	16 45 10.9 +0.2
MATS	Ma-tsu	3.68	340	eP	Pn	16 45 10.5 -0.1
MATS	baz=338			eS	Sn	16 45 11.3 +0.4
MSUT	Lienchiang	3.71	340	eP	Pn	16 45 11.7 +0.2
MSUT	baz=338			eS	Sn	16 45 17.8 -0.5
AXDP	Jialang	3.81	306	eP	Pn	16 45 54.2 -2.3
AXDP	baz=303			eS	Sn	16 47 17.7 -3.5
MHQZ	Yeshan	4.01	328	eP	Pn	16 50 00.1
MHQZ	baz=327			eS	Sn	16 46 35.9 +5.0
JIRB	Irabujima	4.09	58	P	Pn	16 46 48.8 -0.5
JIRB				eS	Sn	16 48 56.3 +0.5
LY11	Jianjiangzhen	4.14	340	eP	Pn	16 46 48.8 -0.5
LY11	baz=338			eS	Sn	16 46 49.3 0.0
JMJ2	Miyako jima3	4.17	60	P	Pn	16 47 29.3 +1.0
JMJ2				eS	Sn	16 48 24.3 +1.0
JMJ	Miyako jima 2	4.18	59	eP	Pn	16 47 49.3 +0.5
JMJ	baz=66			eS	Sn	16 47 52.8 +0.5
JKKM	Ikemajima	4.20	57	P	Pn	16 47 52.8 +0.5
JKKM				eS	Sn	16 48 29.3 +1.0
JGOS	Gusukube	4.24	60	P	Pn	16 47 52.8 +0.5
JGOS				eS	Sn	16 48 29.3 +1.0
VDOS	Pratas Island	4.74	246	eP	Pn	16 47 52.8 +0.5
VDOS	baz=245			eS	Sn	16 47 52.8 +0.5
JOW	Kunigami	7.52	55	Pn	Pn	16 47 52.8 +0.5
JOW	3.1nm,0.3s,baz=141,slow=11,SNR=5.7			Sn	Sn	16 47 17.7 -3.5
JOW	1.5nm,0.3s,baz=256,slow=8.3,SNR=2.9			Sn	Sn	16 50 00.1
TGY	Tagaytay City	8.55	183	LR	LR	16 46 35.9 +5.0
TGY	comp=Z,280nm,18.7s,baz=89,slow=42			LR	LR	16 46 35.9 +5.0
WHN	Wuhan	10.02	323	LR	LR	16 46 35.9 +5.0
WHN	comp=N,620nm,5.8s			LR	LR	16 46 48.8 -0.5
WHN	comp=E,750nm,6.5s			LR	LR	16 48 56.3 +0.5
QIZ	Qiongzong	11.37	253	P	Pn	16 46 48.8 -0.5
QIZ				eS	Sn	16 48 56.3 +0.5
QIZ	comp=N,370nm,16.4s			LR	LR	16 46 48.8 -0.5
QIZ	comp=E,330nm,13.2s			LR	LR	16 46 49.3 0.0
QIZ	comp=Z,480nm,15.5s			LR	LR	16 47 29.3 +1.0
QIZ	comp=Z,850nm,16.3s			LR	LR	16 47 49.3 +0.5
QIZ	Qiongzong	11.37	253	Pn	Pn	16 47 29.3 +1.0
QIZ	Guyang	13.89	289	eP	Pn	16 47 49.3 +0.5
QIZ				pmax	pmax	16 47 49.3 +0.5
XAN	Xi'an	15.72	319	P	P	16 47 52.8 +0.5
XAN	comp=Z,6.0nm,0.7s			pmax	pmax	16 47 52.8 +0.5
XAN	comp=Z,6.0nm,0.9s			LR	LR	16 47 52.8 +0.5
XAN	comp=N,410nm,17.3s			LR	LR	16 47 52.8 +0.5
XAN	comp=E,460nm,14.1s			LR	LR	16 47 52.8 +0.5
XAN	comp=Z,850nm,16.3s			LR	LR	16 47 52.8 +0.5
KSRs	Korea Array	15.77	20	Pn	Pn	16 47 50.2 +1.4
KSRs	0.1nm,0.3s,baz=196,slow=10,SNR=5.3			LR	LR	16 53 25.4
KMI	Kunming	17.20	282	eP	Pn	16 48 08.0 -0.9
KMI	comp=Z,87nm,19.5s,baz=201,slow=36			P	P	16 48 08.0 -0.9
KMI	comp=Z,4.0nm,1.0s			pmax	pmax	16 48 08.0 -0.9
KMI	comp=N,65nm,21.1s			LR	LR	16 48 08.0 -0.9
KMI	comp=E,280nm,14.9s			LR	LR	16 48 08.0 -0.9
KMI	comp=Z,310nm,11.0s			LR	LR	16 48 08.0 -0.9
KKM	Kota Kinabalu	17.28	197	P	P	16 48 13.0 +3.4
KKM	comp=Z,21nm,1.1s			IAMB	IAMB	16 48 22.8
MYLDM	Lahad Datu	17.62	189	P	P	16 48 14.0 +0.6
MYLDM	comp=Z,22nm,1.2s			IAMB	IAMB	16 48 25.8
CD2	Chengdu	17.70	301	P	P	16 48 16.1 +1.9
CD2	comp=Z,10.0nm,1.1s			pmax	pmax	16 48 16.1 +1.9
BJT	Baijiautau	17.83	347	P	P	16 48 15.4 0.0
HHC	Hu-ho-hao-te	19.91	338	eP	Pn	16 48 39.3 -0.8
HHC				eS	Sn	16 52 21.4 -0.2
HHC	comp=Z,3.0nm,0.9s			pmax	pmax	16 48 39.3 -0.8
HHC	comp=Z,100nm,4.0s			pmax	pmax	16 48 39.3 -0.8
HHC	comp=Z,120nm,11.3s			LR	LR	16 48 39.3 -0.8
HHC	comp=Z,240nm,11.0s			LR	LR	16 48 39.3 -0.8
HHC	comp=Z,140nm,10.4s			LR	LR	16 48 39.3 -0.8
MJAR	Matsushiro Arr	20.09	43	P	P	16 48 41.0 +0.7
MJAR	comp=Z,1.2nm,0.8s,baz=225,slow=8.7,SNR=4.4			P	P	16 48 41.0 +0.7
LZH	Lanzhou	20.23	315	eP	Pn	16 48 44.3 +0.2
LZH				pP	sP	16 48 50.8 +0.1
LZH				pP	sP	16 48 53.9 +6.3
LZH	comp=Z,13nm,1.0s			pmax	pmax	16 48 53.9 +6.3
LZH	comp=Z,250nm,10.8s			LR	LR	16 48 53.9 +6.3
LZH	comp=Z,420nm,11.1s			LR	LR	16 48 53.9 +6.3
LZH	comp=Z,300nm,12.7s			LR	LR	16 48 53.9 +6.3
CM35	Chiang Mai Arr	21.15	263	P	P	16 48 55.0 +3.0
CM35	Chiang Mai Arr	21.24	263	P	P	16 48 58.0 +4.4
CM35	Chiang Mai Arr	21.30	264	P	P	16 48 58.0 +4.4
CM35	Chiang Mai Arr	21.30	264	P	P	16 48 57.6 +4.0
CM35	Chiang Mai Arr	21.30	263	P	P	16 48 59.8 +5.3

CM01	Chiang Mai Arr	21.39	263	P	P	16 49 01.6 +7.0
CMAR	Chiang Mai Arr	21.40	263	P	P	16 48 56.0 +1.3
CMAR	comp=Z,3.2nm,0.9s			LR	LR	16 58 20.4
CMAR	comp=Z,1.8nm,1.0s,baz=65,slow=7.9,SNR=11			LR	LR	16 58 20.4
CMAR	comp=Z,2.36nm,18.0s,baz=130,slow=40			LR	LR	16 48 55.6 +1.0
CM05	Chiang Mai Arr	21.40	263	P	P	16 48 59.1 +4.4
CM05	Chiang Mai Arr	21.41	263	P	P	16 49 00.0 +5.0
CM32	Chiang Mai Arr	21.44	263	P	P	16 49 00.0 +4.9
CM13	Chiang Mai Arr	21.44	263	P	P	16 48 57.4 +2.2
TOLIZ	Tolitoli	21.45	182	P	P	16 49 01.3
TOLIZ	comp=Z,11nm,0.9s			IAMB	IAMB	16 49 01.3
SBUM	Sibu	21.99	205	P	P	16 49 00.2 -0.7
SBUM				IAMB	IAMB	16 49 22.4
USRK	Ussuriysk Arr	23.18	20	LR	LR	16 59 28.8
USRK	comp=Z,6.4nm,0.9s			LR	LR	16 59 28.8
USRK	comp=Z,6.1nm,18.0s,baz=49,slow=40			LR	LR	16 49 17.9 -0.1
LUWI	Luwuk	23.63	176	P	P	16 49 17.9 -0.1
GUMO	Guam	24.07	108	LR	LR	16 56 48.7
GUMO	comp=Z,65nm,21.8s,baz=238,slow=32			LR	LR	16 49 29.0 +0.4
GTA	Gaotai	24.77	317	eP	Pn	16 49 34.8 +0.3
GTA				pP	sP	16 49 37.9 +0.8
GTA	comp=Z,2.0nm,1.3s			pmax	pmax	16 49 34.8 +0.3
GTA	comp=Z,50nm,4.2s			pmax	pmax	16 49 34.8 +0.3
GTA	comp=Z,150nm,16.0s			LR	LR	16 49 34.8 +0.3
GTA	comp=Z,250nm,17.8s			LR	LR	16 49 34.8 +0.3
GTA	comp=Z,310nm,16.0s			LR	LR	16 49 34.8 +0.3
KAPI	Kappang	27.58	183	P	P	16 49 54.1 +0.2
KAPI	comp=Z,6.6nm,0.6s,baz=342,slow=7.5,SNR=9.1			LR	LR	16 49 54.1 +0.2
KAPI	comp=Z,5.2nm,21.0s,baz=28,slow=37			LR	LR	16 49 54.1 +0.2
KAPI	Kappang	27.58	183	P	P	16 49 52.5 -1.4
ULN	Ulaanbaatar	27.61	339	P	P	16 48 53.5 -0.6
ULN				IAMB	IAMB	16 49 53.5 -0.6
SONM	Songino Array	27.81	338	P	P	16 49 55.4 -0.5
SONM	comp=Z,1.0nm,0.6s,baz=170,slow=10,SNR=5.1			LR	LR	16 49 55.4 -0.5
SONM	comp=Z,2.21nm,18.2s,baz=127,slow=40			LR	LR	16 49 55.4 -0.5
SONM	Songino Array	27.81	338	P	P	16 49 54.4 -1.5
PSI	Prapa	29.40	231	LR	LR	

15d 18h

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

IDC 15 16:58:40.6 1.6, 6.28N, 123.60E, h0km, mb3.5/4, s-maj=196.7km s-min=26.7km az=58.0, Mindanao

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

IDC 15 17:20:46.0 3.4, 8.74S, 110.66E, h0km, mb3.4/4, s-maj=161.4km s-min=22.5km az=51.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like UGM Wanagana, SMRI Semarang, JAGI Jagaj, Banyuwya, etc.

IDC 15 17:35:21.6 3.4, 10.63S, 160.78E, h0km, mb3.6/4, s-maj=69.8km s-min=25.6km az=87.0

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

IDC 15 17:35:57.2 0.9, 18.16S, 176.74E, h0km, mb4.2/6, s-maj=16.6km az=152.0

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

2015 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PPT2, PPT, STKA, WBO, WRAB, WRA, ASAR, etc.

IDC 15 17:39:06.1 3.3, 6.75N, 126.72E, h58km, 30km, mb2.3/3, s-maj=49.5km s-min=16.2km az=50.0

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

IDC 15 17:58:35.7 0.3, 11.93S, 166.70E, h208km, 80km, mb3.4/4, s-maj=69.9km s-min=25.6km az=154.0, Santa Cruz Islands

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

GCG 15 18:25:36.4 0.3, 16.75N, 90.55W, h74km, 224km, MD3.6, MEX 15 18:25:38.5 0.3, 16.57N, 90.36W, h16km, 151km, MD4.0

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

IDC 15 18:27:07.0 0.9, 37.31N, 97.98W, h0km, mb3.9/2, s-maj=12.7km s-min=10.6km az=109.0

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KAN08, KAN02, KAN01, etc.

Table with columns: Call sign, Station name, Frequency, Class, Power, and Time. Includes stations like MGMO Mountain Grove, Z38A Mt. Pleasant, Z38A Mt. Pleasant, R40A Maddies Statio, etc.

Table with columns: Call sign, Station name, Frequency, Class, Power, and Time. Includes stations like W45A Hickory Valley, OXF Oxford, OXF Oxford, HKT Hockley, etc.

Table with columns: Call sign, Station name, Frequency, Class, Power, and Time. Includes stations like CMAR comp=Z,0.5nm,1.0s, RAYN Ar Rayn, NIL Nilore, etc.

KRSC 15 18:28:05.0,2,0,49:37N<156:03E, h80km,25km,ML4.3, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like SKR Severo-Kuril's, SKR Pazhetka, PAU Koudutka, etc.

IDC 15 18:30:59.2,2,2,6:34S:130:34E, h133km,24km,mb3.0/2, mb1 3.3/7, mb1mx3.1/43, mbmtpr3.7/7, Error ellipse: s-maj=27.6km s-min=18.5km az=104.0

ISC 15 18:30:58.1,0,6,33S:0:07<130:4E:0.1, h150km, n7, e274/10, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like SIJI Sorong, BATI Baunata, BATI Baunata, FITZ Fitzer, WRA Warramunga Arr, etc.

IDC 15 18:37:09.0,2,8,18:62S<176:88E, h0km, mb4.1/4, mb1 4.4/4, mb1mx3.9/31, mbtpr4.1/4, MS3.5/11, Ms1 3.6/11, ms1mx3.4/27, Error ellipse: s-maj=151.4km s-min=19.5km az=153.0

NEIC 15 18:37:09.1,1,5,18:15S:0:2<176:8E:0.1, h10km,2km, mb4.6/1.1, Error ellipse: s-maj=41.1km s-min=18.1km az=342.0

ISC 15 18:37:14.0,0,7,18:45S:0:2<176:8E:0.1, h33km, n32, e158/21, mb4.5/11, MS3.6/11, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like MSVF Nonsevu, MSVF Nonsevu, MSVF Nonsevu, DZM Mont Dzaume, HNR Honiara, etc.

NEIC 15 18:27:16.4,1,9,34:85S<0:06<77:3E:0:2, h10km,1km, mb4.7/13, Error ellipse: s-maj=26.0km s-min=5.8km az=108.0

IDC 15 18:27:18.5,2,2,34:19S<77:29E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.7/46, mbtpr3.8/7, MS3.8/11, Ms1 3.8/11, ms1mx3.5/28, Error ellipse: s-maj=73.7km s-min=31.0km az=31.0

ISC 15 18:27:15.2,0,8,35:15S:0:2<77:1E:0:2, h10km, n40, e190/26, mb4.1/13, MS3.8/11, Mid-Indian Ridge

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

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like DGPR, CMAR, VIS, SHL, SLVN, etc.

Technical notes and coordinates for stations. Includes text like 'BUI 15 21:08:40.2... 0.0.0.0.7.10.655x165.79E, h40km, mB5.2/44...', 'MOS 15 21:08:40.2... 0.0.0.9.10.805x165.55E, h39km, mb5.3/24, Error ellipse: s-maj=8.6km s-min=6.9km az=119.2', 'IDC 15 21:08:42.5... 2.4.1.0.855x165.66E, h46km, mb4.8/24, mb1.4/9.26, mb1mx4.9/35, mbtmp5.0/26, ML5.2/2, MS4.4/28, MS1.4/2.28, ms1mx4.4/34, Error ellipse: s-maj=15.1km s-min=11.9km', 'GCMT 15 21:08:42.0... 0.2.10.90S.0'02.165.38E.0'01.41h30km, MW5.1/98, Moment Tensor Solution. s90C14; s88,c140; Duration: 0. Moment tensor: Scale 10^16Nm; Mn=5.56t.11; Mw=0.67t.11; Ms=0.89t.10; Mo=1.4t.19; Mw=1.09t.09; Mr=1.26t.13; Best double couple: Ms5.67000x10^16 NP1:355.00000, 838.00000, -75.00000. NP2:156.00000, 854.00000, -101.00000. Principal axes: T 5.3810, Plg8.0000, Azm255.0000; N 0.5780, Plg9.0000, Azm163.0000; P -5.9590, Plg78.0000, Azm26.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triaxial moment-rate function', 'NEIC 15 21:08:44.0... 0.8.10.91S.0'07.165.58E.0'08. h64km,2km, mb5.2/25.2 Error ellipse: s-maj=13.3km s-min=8.6km az=51.0', 'ISC 15 21:08:41.4... 0.7.10.865x165.005.165.72E.0.05, h40km,5km, n656, 18/18/620, mb5.2/197, MS4.6/40, 30C-41D, Fault plane solution: NP1:330.72284, 833.74860, -83.07327. NP2:142.41028, 856.53036, -79.60683. Principal axes: T Plg11.4189, Azm235.7319; N Plg3.8416, Azm144.9547; P Plg77.9356, Azm36.6434', 'Santa Cruz Islands', 'Code Station Name Phase ID Time Res', 'SANVU Saraoutou 4.78 163 Pn Pn 21 09 51.9 +0.9', 'SANVU Saraoutou 4.78 163 Pn Pn 21 10 46.6 +1.4', 'SANVU Saraoutou 4.78 163 Pn Pn 21 09 52.7 +1.7', 'HNHR Honiara 5.86 284 Pn Pn 21 10 06.5 +0.8', 'HNHR 74nm,0.3s,baz=155,slow=2.3,SNR=31 S Sn 21 11 11.5 -0.1', 'HNHR 74nm,0.3s,baz=196,slow=23,SNR=6.9 LR LR 21 12 33.3', 'HNHR comp-Z,2um,19.2s,baz=128,slow=40 LR LR 21 10 06.4 +0.8', 'HNHR Honiara 5.86 284 Pn Pn 21 11 10.4 -1.2', 'HNHR Honiara 5.86 284 Pn Pn 21 10 06.7 +1.0', 'DVP Devils Point 7.23 161 Pn Pn 21 10 28.6 +4.0', 'KOUNC Koumac, New Ca 9.73 188 Pn Pn 21 11 00.6 +1.7', 'LIFUC Lifu 9.17 172 Pn Pn 21 11 13.6 +1.5', 'DZM Mont Dzumac 11.17 177 Pn Pn 21 11 20.3 +1.6', 'DZM 7.2nm,0.3s,baz=308,slow=21,SNR=80 LR LR 21 14 54.6', 'DZM comp-Z,1um,21.6s,baz=35,slow=33 LR LR 21 11 21.9 +3.2', 'DZM Mont Dzumac 11.17 177 ePn Pn 21 13 19.0 -3.3', 'DZM 170nm,1.1s eLR LR 21 13 55.2', 'DZM comp-Z,2um,24.6s LR LR 21 11 20.2 +1.6', 'DZM Mont Dzumac 11.17 177 Pn Sn 21 13 22.8 +0.5', 'DZM Mont Dzumac 11.17 177 Pn Sn 21 11 20.3 +1.6', 'YATNC Miami plateau, 11.19 174 Pn Pn 21 11 20.6 +1.7', 'ONTNC Ouen Toro 11.41 177 Pn Pn 21 11 24.4 +2.6', 'OUENC Ouen Island, N 11.54 175 Pn Pn 21 11 26.4 +2.7', 'MSVF Nonsavu 13.76 121 LR LR 21 16 10.1', 'MSVF comp-Z,4um,19.8s,baz=311,slow=32 Pn Pn 21 11 52.7 -1.4', 'MSVF Nonsavu 13.76 121 Pn Pn 21 12 02.9 +1.0', 'RMB Rabaul 14.97 295 Pn Pn 21 12 14.3 -1.0', 'PAGL Port Moresby 18.33 273 LR LR 21 20 00.2', 'PPT2 comp-Z,3um,19.1s,baz=118,slow=37 eLR LR 21 29 09.6

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHZH Waihua, RIGZ Rimuhau, SNGZ Shannon Statio, etc.

IDC 16 03:45:20.9:1.8, 21.015s:178:85W, h622km, 16km, mb3.3/5, mb1 3.6/8, mb1mx3.2/24, mbtmp4.4/8, Error ellipse: s-maj=32.6km s-min=17.9km az=140.0

NEIC 16 03:45:22.3:2.9, 20.8S:0.1x179.0W:0.1, h632km, 11km, mb4.5/24, Error ellipse: s-maj=25.3km s-min=14.3km az=220.0

ISC 16 03:45:21.4:0.8, 20.8S:0.1x178.9W:0.1, h619km, n40, a=117/42, mb4.4/16, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, MSVF Nonsavu, DZM Mont Dzumak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BFZ Birch Farm, MSWZ Moikau Station, SNZ South Karori, etc.

IDC 16 05:03:25.6:2.6, 31.195S:68:88W, h92km, 22km, mb3.1/2, mb1 3.5/7, mb1mx3.4/30, mbtmp3.7/7, Error ellipse: s-maj=36.2km s-min=24.9km az=97.0

ISC 16 05:03:27.0:0.9, 31.2S:0.1x68.8W:0.2, h111km, n10, a=116/10, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, PLCA Paso Flores, CPUP Ula Florida, etc.

IDC 16 05:16:24.5:2.5, 51.136N:179:64E, h0km, mb3.7/10, mb1 3.8/10, mb1mx3.6/43, mbtmp3.7/10, Error ellipse: s-maj=71.4km s-min=20.5km az=175.0

AEIC 16 05:16:29.2:9.5, 51.05N:0.05:179.59E:0.06, h16km, 5km, ML3.3, 4, mb4, 1/12(NEIC), Error ellipse: s-maj=8.6km az=121.0

NEIC 16 05:16:31.0:1.1, 51.17N:0:08:179:61E:0.07, h50km, 10km, Error ellipse: s-maj=12.2km s-min=6.1km az=192.0

ISC 16 05:16:30.4:0.9, 51.1N:0.1x179:60E:0.04, h48km, n46, a=105/49, mb3.8/13, Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AMKA Amchitka, CESW Semis' Southwe, CERAA Semis' Rag'd T, etc.

SUA Station On 19.25 46 P P 05 20 50.8 +0.2

KTH Kantishna Hill 19.95 40 I Amb Iamb 05 21 03.1

IMAR Indian Mount 20.11 32 P P 05 21 00.5 +0.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHM Sheep Creek Mo, WHM Wood River Hill, KLU Klutina, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLB, KLR Kul'dur, YKA, SONM Songoing Array, etc.

IDC 16 05:31:10.0:2.3, 25.12N:95:18E, h0km, mb3.7/3, mb1 3.7/4, mb1mx3.4/34, mbtmp3.7/4, ML3.8/1, Error ellipse: s-maj=72.0km s-min=30.8km az=67.0

NEIC 16 05:31:15.4:1.1, 25.1N:0.1x95:3E:0.2, h35km, 2km, mb4.0/4, Error ellipse: s-maj=31.9km s-min=13.8km az=223.0

ISC 16 05:31:15.0:1.0, 25.1N:0.1x95.3E:0.2, h35km, n11, a=0563/11, mb4.0/5, Myanmar-India border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHL Shillong, LSA Lhasa, CHTO Chiang Mai, etc.

NEIC 16 05:32:42.3:1.1, 21.6S:0.1x176:4W:0.1, h176km, 12km, mb4.3/15, Error ellipse: s-maj=24.0km s-min=16.2km az=222.0

IDC 16 05:32:48.7:3.8, 21.67S:176:63W, h227km, 29km, mb3.5/5, mb1 3.6/7, mb1mx3.3/33, mbtmp4.0/7, Error ellipse: s-maj=33.7km s-min=21.5km az=81.0

ISC 16 05:32:42.8:0.2, 21.6S:0.1x176:4W:0.1, h183km, n31, a=054/30, mb4.2/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, NIUE Niue, AFZ Atafu, etc.

ISC 16 05:32:42.8:0.2, 21.6S:0.1x176:4W:0.1, h183km, n31, a=054/30, mb4.2/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, BKZ Black Stump Fm, QRZ Quartz Range, etc.

ISC 16 05:32:42.8:0.2, 21.6S:0.1x176:4W:0.1, h183km, n31, a=054/30, mb4.2/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOZ McQueen's Vall, RPZ Rata Peaks, RPZ Rata Peaks, etc.

BUI 16 05:42:44.8:0.0, 7:49S:117:32E, h589km, mb4.7/22, mb4.4/33

NEIC 16 05:42:45.6:1.5, 7:25S:0:07:117:48E:0.10, h568km, 7km, mb4.5/37, Error ellipse: s-maj=14.9km s-min=7.7km az=62.0

IDC 16 05:42:46.7:1.0, 7:17S:117:56E, h584km, 12km, mb3.7/13, mb1 3.9/18, mb1mx3.6/41, mbtmp4.7/18, Error ellipse: s-maj=18.4km s-min=8.6km az=75.0

DJA 16 05:42:46.5:0.1, 7:17S:117:56E, h571km, 2km, M4.4/32, mb5.0/17, mb4.7/32, MLV.7/25, Mw(MB)4.3/17

KLM 16 05:42:46.7:36S:117:54E, h580km, mb4.8

ISC 16 05:42:45.1:0.4, 7:32S:0:05:117:58E:0.05, h550km, n180, a=242/196, mb4.4/9, 12, Bali Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLAI Plampang, TWSI Taliwang, SRII Singaraja, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like Jajag, Banyuwya, Kaling, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like Charters Tower, BBOO, LAMP, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like PETK, VANDA, VNSA, etc.

IDC 16 05:46:44.2:2.1, 1.87N, 126:19E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/34, mbtmp3.7/3, Error ellipse: s-maj=179.2km s-min=27.1km az=65.0, Northern

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

AUST 16 05:56:49.0:0.7, 25:05S; 151:46E, h0km, Error ellipse: s-maj=10.2km s-min=5.2km az=76.0

IDC 16 05:56:51.5:3.1, 25:05S; 151:20E, h0km, mb1 3.7/3, mb1mx3.4/31, mbtmp3.5/23, ML3.5/3, Error ellipse: s-maj=77.3km s-min=53.2km az=72.0

ISC 16 05:55:21.3, 25:05S; 0:08, h10km, n9, 25:20/14, Near east coast of Australia

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like EIDS, AUBSH, AUTOO, etc.

IDC 16 06:01:56.4:1.4, 2:53N, 126:59E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/47, mbtmp3.7/5, ML4.2/1, Error ellipse: s-maj=66.8km s-min=21.7km az=63.0

DJA 16 06:02:07.0:1.4, 3:1N; 4:12'E, h23km, 14km, M4.3/9, mb4.4/7, mbA.8/2, MLV.4/9, MW(mb)4.1/2

ISC 16 06:01:54.3:1.6, 3:30N; 112:41W, h0km, mb2.9/1, 2864/12, mb3.5/4, North of Malhalmera

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like SGSI, SIJI, SIJL, etc.

NEIC 16 06:27:26.9, 41:86N; 119:64W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=4.20; Mw=0.29; Mo=4.49; Mo=0.58; Mo=1.55; Mo=0.24; Fault plane solution: M=4.66000x10^14 Np1=24.11000; 0.48.01000; -79.47000; NP2=188.58000; 0.43.06000; 1.101.48000; Principal axes: T=8655; Pkg=2000; -4.2873; Pkg2=0000; Azm359.0000;

REN 16 06:27:26.9:2.8, 41:86N; 0:04, 119:64W; 0:03, h8km, 7km, ML3.6/9, ML3.6/5(SEA), ML3.9/6(NEIC), Mw3.7/50(NEIC)

ANF 16 06:27:26.0:0.6, 41:83N; 119:55W, h8km, ML3.8/18, Error ellipse: s-maj=5.4km s-min=2.8km az=88.0

NEIC 16 06:27:27.4:2.9, 41:86N; 0:04, 119:65W; 0:02, h5km, 2km, Error ellipse: s-maj=6.1km s-min=3.1km az=1.0

SEA 16 06:27:27.9:2.9, 41:85N; 0:04, 119:65W; 0:03, h3km, 7km, Error ellipse: s-maj=5.6km s-min=2.8km az=174.0

IDC 16 06:27:28.8:1.7, 41:25N; 112:41W, h0km, mb2.9/1, mb1 3.3/4, mb1mx3.2/51, mbtmp3.0/4, ML3.2/3, MS3.1/1, Ms1 3.1/1, ms1mx2.6/7, Error ellipse: s-maj=15.0km s-min=11.9km az=108.0

ISC 16 06:27:30.8, 41:85N; 0:03, 119:64W; 0:02, h10km, n103, 1945/121, Nevada

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like MOD, LKVV, WWOR, etc.

Table with columns: STA, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like STKA Stephens Creek, KSRS Korea Array, SONM Songino Array, etc.

IDC 16 07:40:11.2,4.4,5.78S,131.26E,h0km,mb3.9/1, mb1 3.6/3,mb1mx3.4/2.0,mbtmp3.4/3,ML3.6/2,Error ellipse: s-maj=328.8km s-min=30.5km az=72.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA 0.4nm,0.3s,baz=351,slow=14,SNR=17, etc.

IDC 16 07:50:34.7,1.8,2.81N,-127.70E,h0km,mb3.6/5, mb1 3.8/5,mb1mx3.5/36,mbtmp3.6/5,MS2.9/2,Ms1 2.9/2, ms1mx2.4/37,Error ellipse: s-maj=102.5km s-min=24.7km az=68.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 16 07:56:26.2,0.1,0.21,23S,68.10W,h104km,10km,mb4.3/9, mb1 4.2/13,mb1mx3.0/28,mbtmp4.5/13,Error ellipse: s-maj=19.4km s-min=1.1km az=127.0, MW4.0

VAO 16 07:56:27.5,0.3,21.25S,68.25W,h122km,6km,mb4.5 NEIC 16 07:56:27.2,1.6,21.37S,0.04,68.18W,0.07,h119km,6km, Error ellipse: s-maj=10.2km s-min=5.6km az=75.0

GUC 16 07:56:29.0,0.6,21.41S,68.32W,h131km,4km,ML4.3 ISC 16 07:56:27.0,0.5,21.37S,0.03,68.29W,0.04,h132km,5km, n149,01941/182,mb4.7/27,14C,Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: TAO1, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like TAO1 Diego Aracena, PB04 IPOC Station P, PB04 IPOC Station P, etc.

Table with columns: WCI, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like WCI comp=N,6um,0.4s, O53A South Pole Qui, FVM French Village, etc.

DJA 16 08:10:23.2,0.5,12.5S,5.11E,h10km,ML3.6,mb3.7/2, mb1 3.9/5,mb1mx3.6/34,mbtmp3.7/5,ML3.6/4,Error ellipse: s-maj=80.8km s-min=22.4km az=86.0, Banda Sea

IDC 16 07:59:47.4,1.8,5.01S,130.96E,h0km,mb3.5/1, mb1 3.9/5,mb1mx3.6/34,mbtmp3.7/5,ML3.6/4,Error ellipse: s-maj=80.8km s-min=22.4km az=86.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like PLAI Plampang, WSI Waingapu, SRBI Singaraja, etc.

IDC 16 08:57:55.6,1.6,2.65N,-127.48E,h0km,mb3.7/5, mb1 3.9/5,mb1mx3.5/48,mbtmp3.7/5,MS2.7/1,Ms1 2.7/1, s-min=22.0km az=68.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like DAV Davao City (W), FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

NEIC 16 09:50:26.3,1.5,35.837N,0.006,97.45W,h5km,2km, Error ellipse: s-maj=3.1km s-min=2.9km az=248.0

NEIC 16 09:50:26.2,3.5,87N,97.34W,h4km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr=0.36; Mss=1.84; Mss=-1.47; Mss=0.52; Mss=0.74; Mrr=1.16; Fault plane solution: M2.24000x10^14 NP1: 120.00000, 85.00000, lambda=10.00000. NP2: 216.00000, 882.00000, lambda=145.00000. Principal axes: T 2.2387, P1g18.0000, Azm343.0000, N -0.0018, P1g54.0000, Azm227.0000; P -2.2369, P1g30.0000; Azm84.0000

IDC 16 09:50:26.0,0.8,35.93N,97.47W,h0km,mb3.6/2, mb1 3.9/11,mb1mx3.6/5,mbtmp3.6/11,ML3.7/8,MS3.4/2, Ms1 3.4/2,ms1mx2.6/38,Error ellipse: s-maj=11.9km s-min=9.8km az=151.0

IASPEI 16 09:50:26.2,1.6,35.84N,0.003,97.44W,0.03,h6km,7km, Error ellipse: s-maj=4.3km s-min=3.9km az=84.1, 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, <Seism. Res. Let.>, <80> <80>, 465-472, 2009

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like ANF 16 09:50:26.0,2.5,35.79N,97.42W,h5km,ML4.7/16, Error ellipse: s-maj=3.0km s-min=2.5km az=17.0, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRZ Great Barrier, MRHZ Matea Rd, KMAZ Moumakai, etc.

NEIC 16 10:39:28.0, 1.4, 17.17N, 0.06, 94W, h130km, gkm, Error ellipse: s-maj=8.5km s-min=6.2km az=205.0, MEX 16 10:39:28.6, 1.6, 17.20N, 94.84W, h137km, gkm, MD4.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, CMUG Tuzandepet, TUIG Tuzandepet, etc.

IDC 16 10:42:49.3, 366.0, 51.366N, 44.35E, h0km, Error ellipse: s-maj=153.8km s-min=113.7km az=146.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I43RU DUBNA INFRASON, I13KZ AKTYUBINSK INF, etc.

NORS 16 11:37:57.1, 0.0, 42.65N, 46.25E, h52km, MPVA3.5, MOS 16 11:37:57.1, 0.0, 42.63N, 46.24E, h50km, MPVA3.4, DRS 16 11:37:58.0, 0.0, 42.59N, 46.18E, h56km, ML2.1/6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTLR Botlikh, BTLR Vedeno, DVE DVE, etc.

IDC 16 11:52:06.6, 0.6, 1.79N, 97.33W, h0km, mb4.3/19, mb1.4/20, mb1mx4.4/39, mb1mx4.3/20, ML3.2/1, MS4.2/18, Ms1.4/218, ms1mx4.0/29, Error ellipse: s-maj=24.3km s-min=11.7km az=52.0

NEIC 16 11:52:09.0, 1.2, 1.9N, 97.0W, h10km, 1km, mb4.8/144, Error ellipse: s-maj=25.1km s-min=17.3km az=242.1

GCMT 16 11:52.11.0, 0.4, 2.12N, 0.02, 96.69W, h0.03, h14km, 1km, MW4.8/83, Moment Tensor Solution, s24.c26; s83.c106; Duration: 0 Moment Tensor Scale 10^18Nm; Mr1.90; 1/2

ISC 16 11:52:08.6, 0.5, 1.93N, 0.08, 97.06W, h10km, n331, c1929/316, mb4.8/80, MS4.1/20, West of Galapagos Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTS Las Juntas de, CGIS Comita, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSTX Muleshoe, LRAL Lakeview Retre, X3AA Santa Ranch, MIAR Mount Ida, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like P40A Paris, PV03 Paradox Valley, R49A Shelbyville, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like HLID Hailey, HDL Hailey, HDL Nuku Hiva Isla, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like H11N2 WAKE ISLAND Hy 95.05 290, H11N1 WAKE ISLAND Hy 95.05 290, etc.

MANT	Manisa	1.77 319	iP	Pn	11 53 15.3 -1.3	ARMT	Armutlu	3.52 345	PN	Pn	11 53 41.0 +0.5	BZS	Buzias	10.54 326	iP	Pn	11 55 17.9 -1.0
MANT			iS	Sg	11 53 41.3 -1.0	ASGA	Asgata	3.52 131	P	Pn	11 53 43.6 +3.1	TIP	Timpagrade	10.65 285	iP	Pn	11 55 20.1 +1.7
GULA	Manisa	1.77 319	P	Pn	11 53 15.5 -1.1	GULA	Galugac	3.53 69	PN	Pn	11 53 41.6 +0.9	TIP	Timpagrade	10.65 285	iP	Pn	11 55 19.8 +1.4
ARG	Arkhangelos	1.80 239	PN	Pn	11 53 16.9 +0.1	BOLU	Bolu	3.55 23	iP	Pn	11 53 41.1 +0.1	BURAR	Bucovina Array	11.03 343	iP	Pn	11 55 24.7 +1.1
ARG	Arkhangelos	1.80 239	PN	Pn	11 53 17.9 -0.8	KIUS	Serdvan-Sakar	3.58 4	PN	Pn	11 53 42.9 +1.6	BURAR	Bucovina Array	11.03 343	iP	Pn	11 55 24.8 +1.1
ARG	Arkhangelos	1.80 239	S	Pb	11 53 16.9 +0.1	APR	Apeiranthos	3.60 270	iP	Pn	11 53 42.9 +1.6	SORU	Soroca	11.04 354	iP	Pn	11 55 24.1 +0.5
ARG			Sg	Pb	11 53 43.7 +0.3	APE	Apeiranthos	3.60 270	iP	Pn	11 53 42.6 +1.0	DRGR		11.05 333	iP	Pn	11 55 24.1 +0.2
MLSB	Milas	1.81 275	PN	Pn	11 53 17.5 +0.5	APE	Apeiranthos	3.60 270	PN	Pn	11 53 42.9 +1.3	CEL	Celeste	11.26 280	iP	Pn	11 55 26.5 -0.2
AYDB	Zeytin koy-Aydi	1.88 295	PN	Pn	11 53 17.2 -0.8	APE	Apeiranthos	3.60 270	ceP	Pn	11 53 42.4 +0.8	KIV	Kislovodsk	11.77 51	eP	Pn	11 55 37.2 +3.5
GEDZ	Gezici	1.94 345	PN	Pn	11 53 19.3 +0.4	EDC	Edinicir	3.60 333	PN	Pn	11 53 42.4 +0.8	KIV	comp=Z,50nm,1.0s		pmax	pmax	
DATC	Datca-Mugla	1.94 259	PN	Pn	11 53 19.0 +0.2	MVOU	Mavrovouni	3.62 125	P	Pn	11 53 41.8 0.0	KIV	comp=Z,528nm,11.0s		MLR	MLR	
KMER	Konya-Meram	1.95 71	iP	Pn	11 53 20.1 -0.8	KAM	Kaman	3.62 52	PN	Pn	11 53 41.8 0.0	KIV	comp=Z,528nm,11.0s		MLR	MLR	
KMER			iS	Sg	11 53 47.2 -1.0	KHR	Hereke	3.67 356	PN	Pn	11 53 43.9 +1.4	KVAR	Kislovodsk Arr	11.77 51	Pn	Pn	11 55 36.0 +2.3
SHAP	Saphane-Kutahya	1.96 341	PN	Pn	11 53 19.4 +0.2	ZKR	Zakros	3.71 238	P	Pn	11 53 44.6 +1.6	KBZ	comp=Z,241,slow=18,SNR=1.3		Pn	Pn	11 55 37.5 +3.7
KONT	Konya-Tatoy	2.01 66	PN	Pn	11 53 20.7 +1.0	ZKR	Zakros	3.71 238	P	Pn	11 53 45.0 +2.0	KBZ	comp=Z,0.1nm,0.3s,baz=253,slow=9.9,SNR=8.8		LR	LR	12 00 48.0
KONT			iP	Pn	11 53 20.5 +0.8	EREN	Erenkoy	3.71 115	PN	Pn	11 53 45.2 +2.1	GNI	comp=Z,483nm,19.1s,baz=247,slow=41		Pn	Pn	11 55 39.4 +4.1
KONT			iS	Sg	11 53 21.9 -1.1	SRIA	Sitiia Lasithi	3.74 240	PN	Pn	11 53 45.2 +2.1	GNI	comp=Z,0.9nm,0.3s,baz=324,slow=12,SNR=6.7		LR	LR	12 00 55.2
GAZI	Gazipasa	2.05 116	PN	Pn	11 53 20.1 -0.2	SANT	Santorini	3.76 259	iP	Pn	11 53 45.6 +2.7	GNI	comp=Z,4um,18.7s,baz=276,slow=41		Pn	Pn	11 55 36.0 +0.7
GAZI			iS	Sg	11 53 56.7 +5.2	SANT	Santorini	3.76 259	PN	Pn	11 53 45.4 +1.6	GNI	comp=Z,2um,11.8s,baz=276,slow=41		Pn	Pn	11 55 36.0 +0.7
BDRM	Kayabasi	2.07 268	iP	Pn	11 53 21.1 +0.5	SANT	Santorini	3.76 259	PN	Pn	11 53 45.6 +1.4	GNI	comp=Z,0.9nm,0.3s,baz=324,slow=12,SNR=6.7		LR	LR	12 00 55.2
BDRM			iS	Sg	11 53 51.6 -0.5	SANT	Santorini	3.77 260	P	Pn	11 53 45.6 +1.4	GNI	comp=Z,2um,11.8s,baz=276,slow=41		Pn	Pn	11 55 36.0 +0.7
SIMA	Simav-Kutahya	2.09 337	PN	Pn	11 53 20.1 -0.8	TH2	Imrosviray B	3.77 260	P	Pn	11 53 45.6 +1.4	GNI	comp=Z,0.9nm,0.3s,baz=324,slow=12,SNR=6.7		LR	LR	12 00 55.2
LADK	Ladik-KONYA	2.12 50	PN	Pn	11 53 21.9 +0.6	OSCI	CSNet OBS 1	3.79 164	P	Pn	11 53 45.6 +1.4	NCK	Naichik	12.12 54	iP	Pn	11 55 42.1 +4.8
KDHN	Kadinhani	2.13 60	iP	Pn	11 53 21.6 0.0	OSCI			S	Sn	11 54 31.0 +2.1	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
KDHN			iS	Sb	11 53 51.5 +0.3	BR131	Keşkin Array S	3.81 47	P	Pn	11 53 44.3 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
BODT	Bodrum	2.18 268	P	Pn	11 53 21.5 -0.6	BR131	Keşkin Array S	3.81 47	P	Pn	11 53 44.3 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
BODT			PN	Pn	11 53 22.5 +0.4	BRTR	Keşkin Array B	3.81 47	PN	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
DDIM	Aydin, Didim	2.25 278	iP	Pn	11 53 23.4 -0.2	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
DDIM			iS	Sg	11 53 53.0 +2.3	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
GOMA	Golmarmara-Man	2.28 313	PN	Pn	11 53 23.2 -0.2	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
GCAM	G?zelcaml?	2.29 284	PN	Pn	11 53 23.7 +0.1	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
GCAM	G?zelcaml?	2.29 284	iP	Pn	11 53 23.4 -0.2	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
GCAM			iS	Sg	11 53 57.9 +0.4	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
KKBE	Karaman, Kazim	2.32 88	iP	Pn	11 53 23.9 -0.1	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
KKBE			iS	Sb	11 53 54.9 -1.6	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
TVSB	Tavsanli	2.33 349	PN	Pn	11 53 24.2 0.0	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
CIFT	Cifteler, Eski	2.34 20	PN	Pn	11 53 23.6 -0.7	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
CIFT			PN	Pn	11 53 23.4 -1.0	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
CIFT			iS	Sg	11 54 10.1 +1.0	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
ANDZ	Kutahya, Merke	2.35 357	iP	Pn	11 53 24.4 0.0	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
ANDZ			iS	Sg	11 54 05.4 +4.6	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
ERMK	Ermenek	2.36 102	iP	Pn	11 53 24.0 -0.8	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
ERMK			iS	Sb	11 53 58.7 +0.9	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
NBR	Nisiros	2.39 258	iP	Pn	11 53 27.3 -1.5	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
SGAZ	Eskisehir, Sey	2.45 15	iP	Pn	11 53 27.9 +0.5	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
SGAZ			iS	Sg	11 54 11.1 +7.0	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
KOSK	Kos Island	2.48 261	PN	Pn	11 53 27.3 +1.1	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
ALIN	Konya, Altinte	2.52 62	iP	Pn	11 53 27.2 +0.3	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
ALIN			iS	Sb	11 54 00.1 -2.3	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
AUSIV	SIVRIHISAR	2.56 27	iP	Pn	11 53 27.9 +0.5	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
AUSIV			iS	Sg	11 53 26.3 -1.1	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
AUSIV			iS	Sg	11 54 13.8 +6.0	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
SVRH	Sivrihisar-ESK	2.56 27	PN	Pn	11 53 27.6 +0.2	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
SMG	Samos	2.60 283	P	Pn	11 53 27.7 -0.2	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
DGB	zmir	2.65 290	iP	Pn	11 53 28.0 -0.2	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
ELCB	Balcova	2.67 298	P	Pn	11 53 28.4 -0.2	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
ELCB			PN	Pn	11 53 29.3 +0.6	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
TEKE	Tekeli-Mersin	2.68 111	PN	Pn	11 53 30.4 +1.5	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
DST	Dursunbey	2.68 336	PN	Pn	11 53 29.3 +0.3	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
BERE	Bereket-Mersin	2.69 107	PN	Pn	11 53 30.5 +1.4	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
AUGOZ	BOZUYUK	2.70 336	PN	Pn	11 53 29.9 +0.5	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
KARP	Karpathos	2.83 236	P	Pn	11 53 32.4 +1.5	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
KARP			PN	Pn	11 53 32.1 +1.1	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
KARP			PN	Pn	11 53 32.5 +1.1	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
TEVE	Tevekalti-Mers	2.83 104	PN	Pn	11 53 32.5 +1.1	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
AKMS	Akamass	2.84 138	P	Pn	11 53 33.7 -2.7	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
AKMS			AML	AML	11 54 26.0	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	12.12 54	iP	Pn	11 55 43.9 +5.4
AKMS	18nm,1.1s		AML	AML	11 54 26.0	BRTR	Keşkin Array B	3.81 47	iP	Pn	11 53 44.4 -0.3	NCK	Naichik	1			

16d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Son La, Boshof, Kaeng Krachan, etc.

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

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

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

16D 12:10:36.2±8.2, 8.19N:82.03W, h0km, mb3.7/5, mb1.4/1.7, mb1mx3.8/32, mbtmp3.8/7, ML3.2/2, MS3.2/3, Ms1 3.3/3, s-maj=229.7km s-min=35.3km az=15.0

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

16D 12:20:26.4±2.4, 6.73N:124.86E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/38, mbtmp3.6/3, Error ellipse: s-maj=227.6km s-min=24.5km az=64.0, Mindanao

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

16D 12:47:14.6±1.7, 1.92S:137.64E, h0km, mb3.4/2, mb1 3.8/4, mb1mx3.5/38, mbtmp3.6/4, ML3.5/2, Error ellipse: s-maj=37.8km s-min=29.0km az=74.0, Near north coast of Irian Jaya

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

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like T35B, OK025, OK031, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like L40A, SUSD, MNXT, etc.

SOME 16 13:12:36.3, 41'88N:72'17E, h5km
KRNET 16 13:12:36.1, 0.1, 41'81N:72'15E, h18km, mb2.1
NNC 16 13:12:39.4, 2.3, 42'03N:72'10E, h0km, mb2.8, mpv2.8

Table with columns: Code, Station Name, Frequency, Mode, Power, and Name. Includes stations like MNAS, ARSB, TRKS, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like ULHL, KST, KST, etc.

BUI 16 13:13:53.7, 0.0, 5'81S: 153'80E, h16km, mB5.1/29,
mb4.7/50, Ms4.7/5, Ms7.4/5.5
IDC 16 13:13:53.9, 0.7, 5.90S: 153'49E, h0km, mb4.2/15,

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tonopah, Cottonwood Crs, Manual Prospec, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Palm Desert, Pinym Flats, Pinyon Flats, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Krutoberegovo, Zelenaya, Bezymyanni-Gr, etc.

16d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, ASAR Alice Springs.

IDC 16:15:09:17.1s,999.0,52.13N:32.46E, h0km, Error ellipse: s-maj=431.0km s-min=117.2km az=34.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF.

IDC 16:15:14:24.3s,1.2,26.61N:127.08E, h0km, mb3.3/4, mb1 3.5/5, mb1mx3.2/59, mbtmp3.4/5, ML3.5/1, Error ellipse: s-maj=23.8km s-min=20.4km az=1.0

JMA 16:15:14:26.0,26.33N:127.11E, h2km, M3.6 JMA Feil II J1

ISC 16:15:14:26.1,0.9,26.41N:0.06x127.10E:0.04, h17km, n10, r129/15, mb3.4/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JAGN Aguni-jima, JNU Nakatsue, SONMG Songoing Array.

IDC 16:15:26:04.7,9.5,18.46S:179.26E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/24, mbtmp3.8/3, Error ellipse: s-maj=175.5km s-min=33.6km az=58.0

NEIC 16:15:26:06.1,0.1,18.1S:0.3x179.65E:0.08, h41km, mb22km, mb4.1/6, Error ellipse: s-maj=47.6km s-min=4.1km az=192.0

ISC 16:15:26:05.6,4.9,18.1S:0.5x179.7E:0.4, h35km, n10, r0611/10, mb4.1/5, Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, MSVZ Haulti, STKA Stephens Creek.

SOME 16:15:26:45.1,41.18N:75.12E, h5km, NNC 16:15:26:45.5s,1.2,41.15N:75.15E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=9.5km s-min=6.1km az=173.0

KRNET 16:15:26:46.1,0.1,41.26N:75.15E, h17km, mb3.4

ISC 16:15:26:45.7,1.2,41.25N:0.03x75.15E:0.02, h6km, n11km, n78, r1511/20, 26C-28D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARLS Aral, UCH Uchtor, AML Almayashu.

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Main table with columns: CHMS, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chumyshy, KST Kasteik, OHH Osh.

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Table with columns: ARXS, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Arharly, ARXS Arhar, MNBS Baschi.

IDC 16:15:42:11.1s,1.8,2.55N:124.88E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/32, mbtmp3.6/3, Error ellipse: s-maj=183.6km s-min=23.2km az=64.0

1562.9, mb3.5/3, Celebes Sea

Code	Station Name	Δ° AZ°	Phase	ID	ISC	Time	Res
						h m s	ISC
TNTI	Ternate	3.05 117	P	Op	ISC	15 43 29.6	-0.2
TNTI	TNTI	15 44 09.6	-2.2				
MFRSI	Marisa	3.17 238	P	Pn	ISC	15 43 29.2	+1.9
LWUW	Luwuk	3.68 211	P	Pn	ISC	15 44 37.3	+0.4
LWUW	Luwuk		S	Pn	ISC	15 44 24.1	-0.5
SANI	Sanana	4.38 162	P	Pn	ISC	15 43 44.4	-0.8
WRA	Warramunga Arr	23.93 157	P	Pn	ISC	15 47 29.4	+0.9

0.6mm, 0.3s, baz=336, slow=10, SNR=18
 ASAR Alice Springs 27.20 161 P P 15 48 00.1 +2.3
 0.3mm, 0.4s, baz=339, slow=7.8, SNR=15
 MKAR Makanchi Array 57.69 327 P P 15 52 01.9 +0.5
 0.5mm, 0.4s, baz=123, slow=7.3, SNR=23

TAP 16 15:59:09.7, 24°79'N, 122°44'E, h93km, ML3.4, D
 JMA 16 15:59:09.1, 0.1, 24°74'N, 122°41'E, h101km, 2km, M2.0
 ISC 16 15:59:10.6, 1.4, 24°76'N, 122°44'E, 0.102, h89km, 8km,
 n105, c061/188, 6D, Taiwan region

Code	Station Name	Δ° AZ°	Phase	ID	ISC	Time	Res
						h m s	ISC
TWB1	Santiao Chiao	0.48 302	P	Op	ISC	15 59 24.7	-0.3
TWB1	Santiao Chiao		S	Pn	ISC	15 59 35.8	0.0
TWC	Suao	0.55 255	iP	Pn	ISC	15 59 25.2	-0.4
TWC	Suao		S	Pn	ISC	15 59 36.7	-0.1
JYNG	Yonagunijimaku	0.56 123	P	Pn	ISC	15 59 25.6	-0.1
JYNG	Yonagunijimaku		S	Pn	ISC	15 59 37.7	+0.8
TIPB	Shuangxi	0.59 291	iP	Pn	ISC	15 59 25.8	-0.3
TIPB	Shuangxi		S	Pn	ISC	15 59 37.3	-0.2
YOJ	Yonaguni jima	0.60 119	P	Pn	ISC	15 59 26.0	-0.1
YOJ	Yonaguni jima		S	Pn	ISC	15 59 38.7	+1.1
YOJ	Yonaguni jima	0.60 119	P	Pn	ISC	15 59 25.8	-0.3
YOJ	Yonaguni jima		S	Pn	ISC	15 59 38.5	+0.9
NDS	Dongshan	0.67 259	P	Pn	ISC	15 59 26.6	0.0
NDS	Dongshan		S	Pn	ISC	15 59 38.9	+0.2
NWF	Wu-fen Shan	0.67 298	iP	Pn	ISC	15 59 26.6	-0.3
NWF	Wu-fen Shan		S	Pn	ISC	15 59 39.0	+0.1
WFSB	Wu-fen Shan	0.67 298	iP	Pn	ISC	15 59 26.5	-0.2
WFSB	Wu-fen Shan		S	Pn	ISC	15 59 39.1	+0.3
EWUT	Wuta	0.67 343	P	Pn	ISC	15 59 26.7	0.0
EWUT	Wuta		S	Pn	ISC	15 59 39.7	+1.0
TWE	Neicheng	0.70 267	iP	Pn	ISC	15 59 26.8	-0.1
TWE	Neicheng		S	Pn	ISC	15 59 39.6	+0.4
ENA	Nanau	0.71 243	iP	Pn	ISC	15 59 27.3	+0.2
ENA	Nanau		S	Pn	ISC	15 59 40.5	+1.0
TNOU	National Taiwa	0.72 303	P	Pn	ISC	15 59 26.4	-0.7
ENTT	Nioudou	0.80 262	iP	Pn	ISC	15 59 28.2	+0.1
ENTT	Nioudou		S	Pn	ISC	15 59 41.2	+0.1
TWA	Mucha	0.80 286	iP	Pn	ISC	15 59 27.6	-0.5
TWA	Mucha		S	Pn	ISC	15 59 41.0	-0.2
NWLT	Wulai	0.85 271	eP	Pn	ISC	15 59 28.1	-0.4
NWLT	Wulai		S	Pn	ISC	15 59 41.8	-0.2
NHDH	Xindian Distri	0.85 284	eP	Pn	ISC	15 59 27.9	-0.6
NHDH	Xindian Distri		S	Pn	ISC	15 59 41.6	-0.4
NDT	Datong Townshi	0.85 260	iP	Pn	ISC	15 59 29.0	+0.4
NDT	Datong Townshi		S	Pn	ISC	15 59 42.9	+0.8
YM01	YM01	0.88 296	P	Pn	ISC	15 59 27.5	-1.4
YM01	YM01		S	Pn	ISC	15 59 41.6	-0.9
YM08	YM08	0.88 299	P	Pn	ISC	15 59 28.1	-0.7
YM08	YM08		S	Pn	ISC	15 59 42.2	-0.3
YM11	YM11	0.88 298	eP	Pn	ISC	15 59 28.3	-0.6
YM11	YM11		S	Pn	ISC	15 59 42.5	-0.2
YM05	YM05	0.89 297	P	Pn	ISC	15 59 28.4	-0.7
YM05	YM05		S	Pn	ISC	15 59 43.1	+0.1
YM10	YM10	0.89 297	iP	Pn	ISC	15 59 28.5	-0.5
YM10	YM10		S	Pn	ISC	15 59 42.7	-0.1
TAP	Taipei	0.89 289	S	Pn	ISC	15 59 42.9	+0.2
YM04	YM04	0.91 296	P	Pn	ISC	15 59 28.6	-0.6
YM04	YM04		S	Pn	ISC	15 59 42.8	-0.3
YM03	YM03	0.91 297	P	Pn	ISC	15 59 29.9	+0.5
YM03	YM03		S	Pn	ISC	15 59 44.0	+0.6
TWY	Chenhuua	0.92 304	iP	Pn	ISC	15 59 28.8	-0.5
TWY	Chenhuua		S	Pn	ISC	15 59 43.5	+0.2
PCYT	Pengchayiu	0.93 339	iP	Pn	ISC	15 59 28.9	-0.5
PCYT	Pengchayiu		S	Pn	ISC	15 59 43.7	+0.2
ANP	Anpu	0.93 297	iP	Pn	ISC	15 59 29.2	-0.3
ANP	Anpu		S	Pn	ISC	15 59 43.3	-0.4
BACT	New Taipei Cit	0.93 285	eS	Pn	ISC	15 59 44.0	+0.4
NACB	Ninganchiao	0.96 233	P	Pn	ISC	15 59 29.2	-0.6
NACB	Ninganchiao		S	Pn	ISC	15 59 44.7	+0.6
YHNB	Yeheng	0.97 265	P	Pn	ISC	15 59 29.9	0.0
YHNB	Yeheng		S	Pn	ISC	15 59 44.6	+0.2
NSK	Sanguang	0.98 265	iP	Pn	ISC	15 59 29.9	-0.2
NSK	Sanguang		S	Pn	ISC	15 59 44.6	-0.1
NTST	Danshui	0.98 295	eP	Pn	ISC	15 59 29.6	-0.4
NTST	Danshui		S	Pn	ISC	15 59 44.5	-0.1
TWS1	Kuangyinshan	0.98 290	iP	Pn	ISC	15 59 29.7	-0.3
TWS1	Kuangyinshan		S	Pn	ISC	15 59 44.5	-0.1
NNSB	Datong	1.01 251	P	Pn	ISC	15 59 30.4	-0.2
NNSB	Datong		S	Pn	ISC	15 59 45.4	0.0
NNSH	Datong	1.01 251	eP	Pn	ISC	15 59 30.8	+0.2
NNSH	Datong		S	Pn	ISC	15 59 45.9	+0.5
NNS	Nan Shan	1.02 252	iP	Pn	ISC	15 59 30.4	-0.2
NNS	Nan Shan		S	Pn	ISC	15 59 45.5	-0.1
TWD	Chiawan	1.02 229	iP	Pn	ISC	15 59 30.2	-0.3

Code	Station Name	Δ° AZ°	Phase	ID	ISC	Time	Res
						h m s	ISC
TWD	baz=227						
ETLH	Xiulin Townshi	1.03 238	P	Pn	ISC	15 59 30.2	-0.4
ETLH	Xiulin Townshi		S	Pn	ISC	15 59 45.6	-0.1
NCUH	Zhongli	1.15 281	eS	Pn	ISC	15 59 48.5	+0.4
FUSS	Fushou	1.20 245	eP	Pn	ISC	15 59 32.9	+0.1
FUSS	Fushou		S	Pn	ISC	15 59 49.2	-0.3
NJD	Zhudou	1.22 269	S	Pn	ISC	15 59 50.3	+0.6
WHF	Hehuan Shan	1.23 240	P	Pn	ISC	15 59 33.0	-0.3
WHF	Hehuan Shan		S	Pn	ISC	15 59 49.8	-0.6
TWT	Tachien	1.25 247	eP	Pn	ISC	15 59 33.5	+0.1
TWT	Tachien		S	Pn	ISC	15 59 50.9	+0.4
IRIF	Iriomote-Funau	1.25 109	eS	Pn	ISC	15 59 50.3	+0.1
TDCB	Techi	1.27 247	eP	Pn	ISC	15 59 34.3	+0.7
TDCB	Techi		S	Pn	ISC	15 59 51.1	+0.3
NHW	Xinwu Township	1.28 281	S	Pn	ISC	15 59 51.6	+0.6
HSN1	Hsinchu	1.29 271	S	Pn	ISC	15 59 51.4	+0.3
LIOB	Emei	1.29 265	P	Pn	ISC	15 59 33.9	+0.1
LIOB	Emei		S	Pn	ISC	15 59 51.4	+0.1
NSTT	Nanjuang	1.31 265	P	Pn	ISC	15 59 34.0	+0.1
NSTT	Nanjuang		S	Pn	ISC	15 59 51.4	-0.2
ESL	Shilin	1.31 224	iP	Pn	ISC	15 59 32.7	-1.3
ESL	Shilin		S	Pn	ISC	15 59 50.9	-0.6
SBCB	Hsinchu	1.32 272	eS	Pn	ISC	15 59 52.0	+0.3
HSN	Hsinchu	1.33 272	S	Pn	ISC	15 59 51.1	-0.9
CHGB	Renai	1.34 239	P	Pn	ISC	15 59 34.6	0.0
CHGB	Renai		S	Pn	ISC	15 59 52.6	0.0
EGFH	Guangfu	1.42 220	P	Pn	ISC	15 59 34.6	-0.7
EGFH	Guangfu		S	Pn	ISC	15 59 54.0	-0.1
HATJ	Hateruma jima	1.43 119	eS	Pn	ISC	15 59 55.5	+1.3
WHP	Taichung City	1.44 251	P	Pn	ISC	15 59 36.3	+0.7
WHP	Taichung City		S	Pn	ISC	15 59 54.8	+0.3
NMLH	Miaoili	1.51 262	eP	Pn	ISC	15 59 36.6	+0.1
NMLH	Miaoili		S	Pn	ISC	15 59 56.3	+0.3
JKRS	Kuro-shima	1.52 110	P	Pn	ISC	15 59 36.1	-0.5
JKRS	Kuro-shima		S	Pn	ISC	15 59 57.2	+0.9
WPL	Puli Township	1.54 241	eS	Pn	ISC	15 59 56.8	+0.1
VWDT	VWDT	1.55 230	P	Pn	ISC	15 59 36.8	-0.1
VWDT	VWDT		S	Pn	ISC	15 59 56.1	-0.7
DPDB	Guoxing	1.55 243	P	Pn	ISC	15 59 37.7	+0.6
DPDB	Guoxing		S	Pn	ISC	15 59 57.6	+0.6
WCS	Beigang Elemen	1.55 244	eP	Pn	ISC	15 59 37.7	+0.7
WCS	Beigang Elemen		S	Pn	ISC	15 59 58.3	+1.3
NSY	Sanyi	1.56 258	S	Pn	ISC	15 59 57.4	+0.2
HGSD	Ruisui	1.56 216	P	Pn	ISC	15 59 36.0	-1.2
HGSD	Ruisui		S	Pn	ISC	15 59 57.9	+0.7
TWQ1	Liyutan	1.57 255	P	Pn	ISC	15 59 37.5	+0.3
TWQ1	Liyutan		S	Pn	ISC	15 59 57.2	-0.1
JJJ	Ishigaki jima	1.60 104	P	Pn	ISC	15 59 37.1	-0.5
JJJ	Ishigaki jima		S	Pn	ISC	15 59 58.0	-0.1
EYH	Hungye	1.61 219	P	Pn	ISC	15 59 36.4	-1.3
EYH	Hungye		S	Pn	ISC	15 59 57.2	-1.1
SMLT	Sun Moon Lake	1.65 238	eP	Pn	ISC	15 59 39.4	+1.1
SMLT	Sun Moon Lake		S	Pn	ISC	15 59 59.1	-0.2
SSLB	Suangleung	1.66 235	P	Pn	ISC	15 59 39.1	+0.7
SSLB	Suangleung		S	Pn	ISC	16 00 00.0	+0.5
TYC	Yuchur	1.67 240	P	Pn	ISC	15 59 39.4	+0.9
TYC	Yuchur		S	Pn	ISC	15 59 59.8	+0.2
YULB	Yu-li	1.71 218	eP	Pn	ISC	15 59 37.5	-1.6
JJSG	Ishigakijimahi	1.71 95	P	Pn	ISC	15 59 38.7	-0.4
JJSG	Ishigakijimahi		S	Pn	ISC	16 00 01.2	+0.5
EYUL	EYUL	1.74 216	eP	Pn	ISC	15 59 39.0	-0.4
EYUL	EYUL		S	Pn	ISC	16 00 01.5	+0.4
TWF1	Yuli	1.74 217					

comp=Z,0.5nm,0.5s,baz=310,slow=5.1,SNR=5.7
PDAR Pinedale Array 79.42 45 P 17 59 47.4 -0.1

IDC 16 18:44:57.6:4.6,201.54S:169.55E,h192km,41km,mb3.4/2,
mb1 3.6/4,mb1mx3.1/37,mbtmp3.7/3,Error ellipse:
s-maj=209.6km s-min=45.8km az=155.0

NOU 16 18:45:19.9,21.25S:168.02E,h0km,MLV2.9,Loyalty
Islands

ISC 16 18:44:58.0:2.6,20.5S:0.3:169.5E:0.3,h200km,n10,
a1524/11,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LIFNC, YATNC, OUCEN, DZM, etc.

IDC 16 18:46:54.4:1.7,1.51N:127.32E,h0km,mb3.4/4,
mb1 3.6/4,mb1mx3.2/48,mbtmp3.4/4,Error ellipse:
s-maj=139.6km s-min=22.1km az=67.0,Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, ASAR, MKAR, KURBB, etc.

IDC 16 18:49:27.3:2.0,7.63S:128.23E,h143km,27km,mb2.6/1,
mb1 3.3/6,mb1mx2.9/49,mbtmp3.7/6,Error ellipse:
s-maj=25.6km s-min=19.5km az=124.0

ISC 16 18:49:26.6:1.0,7.82S:0.07:128.42E:0.09,h150km,n6,
a2560/10,Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BATI, SIJI, FITZ, WRA, ASAR, MKAR, etc.

IDC 16 18:58:31.7:1.0,39.62N:75.57E,h0km,mb3.6/10,
mb1 3.7/16,mb1mx3.5/44,mbtmp3.5/16,ML2.8/5,MS2.6/1,
Ms1 2.6/1,ms1mx2.3/39,Error ellipse: s-maj=19.6km
s-min=16.2km az=62.0

SOME 16 18:58:34.1,39.92N:75.55E,h5km
KRNET 16 18:58:35.0:0.1,39.75N:75.55E,mb4.0

NINC 16 18:58:38.9:0.8,40.07N:75.62E,h0km,mb4.4,mpv4.1,
Error ellipse: s-maj=6.2km s-min=4.4km az=160.0

ISC 16 18:58:33.1:1.4,39.92N:0.04:75.57E:0.02,h0km,qkm,
n116,a184/164,mb3.7/9,33C-23D,Southern Xinjiang

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSH, ARLS, OHH, ULHL, AML, ARSB, UCH, AAK, DRK, FRU1, TKM2, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TKM2, EKS2, KST, CHMS, IZV, ANVS, TNSS, DGS, MRKS, PRZ, MDOK, AAA, USP, MNAS, KNDC, KOTS, BTK, TRKS, KRBS, SATY, KTBS, ZHN, ZHH, ZHU, KUU, KURS, CHHK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include UZB, KPKS, SHLS, PDGK, ARXS, MNBS, KK31, KTMS, BTLS, BRLS, DJR, TDK, KAPS, THW, MAKZ, MK31, MKAR, WMQ, KURBB, DANN, BVAR, GKN, KKN, GUN, PKIN, PKI, ZALV, RAMN, TAPN, AKTO, ODAN, GTA, ARU, BELG, SOJM, FINES, GERES, TORD, ILAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include UZB, KPKS, SHLS, PDGK, ARXS, MNBS, KK31, KTMS, BTLS, BRLS, DJR, TDK, KAPS, THW, MAKZ, MK31, MKAR, WMQ, KURBB, DANN, BVAR, GKN, KKN, GUN, PKIN, PKI, ZALV, RAMN, TAPN, AKTO, ODAN, GTA, ARU, BELG, SOJM, FINES, GERES, TORD, ILAR, etc.

16d 20h

comp=2.0,3nm,0.7s,baz=335,slow=4.0,SNR=3.0
YKA Yellowknife Arr 77.61 5 P 19 10 30.0 -0.7
WRA Warramunge Arr 80.88 125 P 19 10 48.1 -1.0
ASAR Alice Springs 83.39 128 P 19 11 00.9 -1.3

IDC 16:19:26:53.2:7.0, 19:59S@177:18W, h0km, mb3.8/3, mb1.4/1.3, mb1mx3.6/32, mbtimp3.8/3, Error ellipse: s-maj=302.6km s-min=37.7km az=144.0, FJJI Islands

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

BUC 16:19:34:11.6:0.4, 45:53N-26:58E, h161km, m3.6/27, 70C-58D, Error ellipse: s-maj=2.2km s-min=1.9km az=161.0, Romania

Main table for Romania region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations BISRR, WRR, ILAR, etc.

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TAP 16:19:46:11.0, 24:85N-121:99E, h7km, ML2.9, C
JMA 16:19:46:12.1:0.2, 24:82N-121:93E, h22km, M2.1
ISC 16:19:46:11.2:0.8, 24:84N-121:99E, h11km, g6km,

Main table for Taiwan region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations NTC, TWB1, TWPB, etc.

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Main table for Yonaguni jima region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations YOJ, CHGB, WHP, etc.

IDC 16:20:02:06.1:1.7, 22:77N-100:29E, h0km, mb3.4/3, mb1.3/3.4, mb1mx3.2/33, mbtimp3.3/4, ML3.2/1, MS3.7/2, Ms1.3/7.2, ms1mx2.8/41, Error ellipse: s-maj=46.3km s-min=17.2km az=98.0

ISC 16:20:02:07.8:1.1, 22:69N-100:89.8E, 0.1, h10km, n22, c190/21, mb3.4/3, Myanmar-China border region

Table for Myanmar-China border region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations CM33, CM32, etc.

16d 20h

STON	Ston	2.41 316	ePn	Pn	20 23 49.4	0.0
STON					20 24 18.4	+0.2
IVAS	Ivanjica	2.43 3	ePn	Pn	20 23 51.5	+1.7
IVAS					20 24 23.8	+0.3
RUDO	Rudo	2.50 350	eSn	Pn	20 23 53.2	+2.4
AMUR	Altamura	2.55 266	↑P	Pn	20 23 52.1	+0.6
AMUR	comp=E,496µm,0.4s					
AMUR	comp=N,560µm,0.5s					
SOH	Sokhos	2.59 96	P	Pn	20 23 53.6	+1.6
SOH		2.59 96	iPn	Pn	20 23 53.7	+1.6
MIGL	Miglionico	2.72 260	↑P	Pn	20 23 55.2	+1.4
MIGL	comp=N,3970µm,0.8s					
BBL5	Lazi#263;i	2.74 352	ePn	Pn	20 23 56.5	+2.3
BBL5					20 24 30.6	-2.5
BBL5	Lazi#263;i	2.74 352	ePn	Pn	20 23 56.0	+1.8
SRS	Serrai	2.75 90	P	Pn	20 23 55.0	+0.9
SRS		2.75 90	iPn	Pn	20 23 54.8	+0.7
GRUS	Gruza	2.79 11	ePn	Pn	20 23 57.5	+2.7
GRUS		2.79 11	eSn	Pn	20 24 31.1	+3.4
GRUS	Gruza	2.79 11	iP	Pn	20 23 57.0	+2.3
BOVS	Bovan	2.80 27	ePn	Pn	20 23 57.1	+2.3
BOVS		2.80 27	eSn	Pn	20 24 30.8	+2.9
BOVS	Bovan	2.80 27	↑P	Pn	20 23 56.6	+1.7
LSTV	Lastovo	2.80 306	iPn	Pn	20 23 55.3	+0.5
LSTV		2.80 306	eSn	Pn	20 24 27.2	-0.7
MRVN	Minervino Murg	2.84 269	P	Pn	20 23 56.6	+1.1
MRVN	comp=E,405µm,1.1s					
MRVN	comp=N,392µm,1.6s					
VTS	Vitosha	2.85 58	↑P	Pn	20 23 57.1	+1.4
VTS		2.85 58	eSn	Pn	20 23 57.1	+1.4
VTS	Vitosha	2.85 58	↑P	Pn	20 23 57.0	+1.4
VTS	comp=N,576µm,0.8s					
VTS	comp=E,176µm,0.9s					
ORI	Oriolo Calabro	2.88 249	↑P	Pn	20 23 55.5	-0.5
ORI		2.88 249	eSn	Pn	20 23 55.5	-0.5
ORI	comp=N,1535µm,0.7s					
ZAPS	Zavoj	2.91 42	ePn	Pn	20 23 58.4	+2.0
ZAPS		2.91 42	eSn	Pn	20 24 32.6	+2.0
PIPA	Pietrapaola	2.92 236	P	Pn	20 23 57.4	+0.8
PIPA	comp=E,746µm,0.6s					
PIPA	comp=E,688µm,1.6s					
PIPA	comp=N,402µm,0.7s					
PIPA	comp=N,485µm,0.7s					
DIVS	Divibare	2.94 0	ePn	Pn	20 23 59.7	+2.8
DIVS		2.94 0	eSn	Pn	20 24 35.6	+4.0
DIVS	Divibare	2.94 0	ePn	Pn	20 23 59.2	+2.9
DIVS		2.94 0	↑P	Pn	20 23 59.4	+2.4
DIVS	comp=N,254µm,1.1s					
DIVS	comp=E,221µm,1.3s					
VLS	Valsamata	3.01 170	P	Pn	20 23 56.6	-1.1
VLS		3.01 170	eSn	Pn	20 23 56.6	-1.1
VLS	comp=E,158µm,0.8s					
VLS	comp=N,116µm,0.7s					
HAPS	Han Pijesak, BI	3.03 346	ePn	Pn	20 23 59.2	+1.1
HAPS		3.03 346	eSn	Pn	20 24 35.9	+2.3
HAPS	Han Pijesak, BI	3.03 346	iPn	Pn	20 23 59.0	+0.9
PALZ	Palazzo San Ge	3.03 267	↑P	Pn	20 24 00.1	+2.0
PALZ	comp=E,1235µm,0.8s					
PALZ	comp=N,1230µm,1.1s					
SALB	San Lorenzo Be	3.03 246	P	Pn	20 23 58.6	+0.4
SALB	comp=E,386µm,0.5s					
SALB	comp=N,371µm,0.5s					
SALB	comp=N,352µm,0.4s					
SALB	comp=E,391µm,0.6s					
MAKA	Makarska	3.05 315	ePn	Pn	20 23 59.6	+1.3
MAKA		3.05 315	eSn	Pn	20 24 04.2	+0.2
ACER	Acerenza	3.06 264	↑P	Pn	20 24 00.4	+1.9
ACER		3.06 264	S	Pn	20 24 36.0	+1.6
ACER	comp=E,1145µm,0.5s					
ACER	comp=N,1008µm,0.7s					
ACER	comp=E,1190µm,0.5s					
ACER	comp=N,1050µm,0.7s					
TRUS	Trudelj	3.09 6	ePn	Pn	20 24 01.2	+2.4
TRUS		3.09 6	eSn	Pn	20 24 38.9	+3.9
MSAG	Monte S. Angel	3.10 282	P	Pn	20 23 59.3	+0.3
MSAG	comp=E,336µm,0.8s					
MSAG	comp=N,650µm,0.7s					
MSAG	comp=E,375µm,0.8s					
MSAG	comp=N,652µm,0.7s					
SCHR	S. Chirico Rap	3.10 253	↑P	Pn	20 24 00.3	+1.2
SCHR	comp=N,398µm,0.6s					
SCHR	comp=E,362µm,0.6s					
RICI	Ricice	3.14 319	ePn	Pn	20 24 00.5	+1.0
TIP	Timpagrande	3.15 232	↑P	Pn	20 24 00.7	+1.0
TIP		3.15 232	↑P	Pn	20 24 00.5	+0.8
TIP	comp=N,174µm,1.1s					
TIP	comp=E,235µm,0.7s					
TIP	comp=E,214µm,0.7s					
TIP	comp=N,224µm,1.0s					
ZAGS	Zajecar	3.15 32	ePn	Pn	20 24 01.1	+1.5
ZAGS		3.15 32	eSn	Pn	20 24 37.6	+1.1
SGRT	San Giovanni R	3.22 282	P	Pn	20 24 01.2	+0.5
SGRT	comp=E,353µm,1.0s					
SGRT	comp=N,227µm,1.3s					
SIRI	Monte Sirino -	3.26 254	↑P	Pn	20 24 02.3	+1.1
SIRI		3.26 254	↑P	Pn	20 24 02.3	+1.1
SIRI	comp=E,352µm,0.5s					
SIRI	comp=N,324µm,1.1s					
SIRI	comp=E,354µm,0.5s					
SIRI	comp=N,320µm,0.5s					
MCEL	Monticello	3.26 257	↑P	Pn	20 24 02.9	+1.6
MCEL	comp=N,614µm,0.9s					
MCEL	comp=E,402µm,0.6s					
MCEL	comp=N,608µm,0.9s					
MCEL	comp=E,391µm,0.6s					
T0702	Acquaformosa (3.28 245	↑P	Pn	20 24 03.6	+2.0
HVAR	Hvar	3.30 309	ePn	Pn	20 24 02.1	+0.4
MTSN	Montesano sull	3.32 256	↑P	Pn	20 24 04.0	+2.0
MTSN	comp=N,363µm,0.7s					
MTSN	comp=N,358µm,0.7s					
SPS2	Spezzano della	3.33 237	P	Pn	20 24 01.1	-1.1
SPS2	comp=N,88µm,0.9s					
SPS2	comp=E,90µm,1.2s					
MRLC	Muro Lucano	3.41 265	P	Pn	20 24 04.9	+1.7

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MRLC	comp=E,286µm,0.7s		AML	AML		
MRLC	comp=N,296µm,0.6s		AML	AML		
CARI	CAROLEI	3.44 238	↑P	Pn	20 24 05.6	+1.9
CARI	comp=E,410µm,0.7s		AML	AML		
CARI	comp=N,432µm,0.6s		AML	AML		
CARI	comp=N,336µm,0.7s		AML	AML		
CARI	comp=E,446µm,1.0s		AML	AML		
CET2	Cetraro	3.46 243	↑P	Pn	20 24 05.7	+1.7
CET2	comp=E,760µm,0.7s		AML	AML		
CET2	comp=N,1300µm,0.7s		AML	AML		
SGTA	Sant Agata di	3.47 271	↑P	Pn	20 24 06.3	+2.2
SGTA	comp=E,446µm,0.6s		AML	AML		
SGTA	comp=N,336µm,0.7s		AML	AML		
SGTA	comp=E,432µm,0.7s		AML	AML		
SGTA	comp=N,352µm,0.8s		AML	AML		
KUBS	Kucevo	3.50 21	ePn	Pn	20 24 05.2	+0.8
KUBS		3.50 21	eSn	Pn	20 24 47.7	+2.6
MGR	Morigerati	3.50 255	↑P	Pn	20 24 06.2	+1.7
MGR	comp=E,298µm,1.3s		AML	AML		
MGR	comp=N,354µm,0.7s		AML	AML		
CAFE	Carife	3.57 270	↑P	Pn	20 24 07.2	+1.7
CAFE	comp=E,390µm,0.9s		AML	AML		
CAFE	comp=N,264µm,1.6s		AML	AML		
CDRU	Civita di Ruta	3.59 261	↑P	Pn	20 24 07.0	+1.2
CDRU	comp=E,162µm,0.8s		AML	AML		
CDRU	comp=N,105µm,0.6s		AML	AML		
SNAL	S. Angelo Dei	3.60 268	↑P	Pn	20 24 07.6	+1.7
SNAL	comp=E,474µm,0.8s		AML	AML		
SNAL	comp=N,536µm,0.8s		AML	AML		
SNAL	comp=N,510µm,0.8s		AML	AML		
MCRV	Calabretti - M	3.65 266	↑P	Pn	20 24 08.2	+1.6
MCRV	comp=N,292µm,0.4s		AML	AML		
MCRV	comp=E,254µm,0.7s		AML	AML		
MELA	Melanico ??? S	3.67 280	↑P	Pn	20 24 08.0	+1.1
MELA	comp=E,538µm,0.7s		AML	AML		
MELA	comp=N,632µm,1.0s		AML	AML		
MELA	comp=E,528µm,0.8s		AML	AML		
MELA	comp=N,646µm,0.9s		AML	AML		
MRB1	Monte Rocchet	3.77 271	↑P	Pn	20 24 09.9	+1.8
MRB1	comp=E,330µm,0.7s		AML	AML		
MRB1	comp=N,444µm,0.7s		AML	AML		
PUNG	Punghina	3.82 34	↑P	Pn	20 24 10.4	+1.6
PLAC	Placania	3.82 226	↑P	Pn	20 24 09.4	+0.4
PLAC	comp=E,160µm,1.2s		AML	AML		
PLAC	comp=N,166µm,0.6s		AML	AML		
PLAC	comp=E,150µm,0.6s		AML	AML		
PLAC	comp=N,141µm,0.6s		AML	AML		
MDVJ	Moldovita	3.85 19	↑P	Pn	20 24 10.9	+1.5
KUVJ	Kijevo	3.88 319	ePn	Pn	20 24 11.1	+1.5
KUVJ		3.88 319	eSn	Pn	20 24 54.4	0.0
PSB1	Pescosannita	3.88 273	↑P	Pn	20 24 10.7	+0.9
MGRS	Mrkonji Grad	3.89 328	ePn	Pn	20 24 12.1	+2.2
SACR	S. Croce Del S	3.97 275	↑P	Pn	20 24 12.8	+1.8
SACR	comp=E,161µm,1.6s		AML	AML		
SACR	comp=N,153µm,0.7s		AML	AML		
FRGS	Fruska Gora	4.01 359	ePn	Pn	20 24 12.7	+1.2
FRGS		4.01 359	eSn	Pn	20 25 00.5	+2.8
FRGS	Fruska Gora	4.01 359	iPn	Pn	20 24 12.6	+1.2
VITU	Vitulano (BN)	4.02 272	P	Pn	20 24 14.2	+2.5
VITU	comp=E,280µm,0.7s		AML	AML		
VITU	comp=N,259µm,0.5s		AML	AML		
JOPP	Joppolo	4.03 232	↑P	Pn	20 24 12.7	+0.8
JOPP	comp=N,139µm,1.4s		AML	AML		
JOPP	comp=E,137µm,1.1s		AML	AML		
BSSO	Busso	4.06 277	↑P	Pn	20 24 14.9	+2.7
ZIRJ	Zirje	4.06 309				

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LPL La Plagne, ORIF Oris-en-Rattie, CABF La Chapelle, etc.

IDC 16 20:33:43.0-0.9, 30:23S; 71.67W, h0km, mb3.9/6, mb1.4/2.1, mb1mx4.1/25, mbmp4.0/11, ML4.3/5, MS3.4/9, Ms1.3/4.9, ms1mx3.2/27, Error ellipse: s-maj=27.6km s-min=25.6km az=119.0

VAO 16 20:33:46.5-0.6, 30:21S; 71.52W, h10km, mb4.2, NEIC 16 20:33:46.9-2.1, 30:25S; 0:05-71.79W, 0:08, h13km, 5km, Error ellipse: s-maj=10.3km s-min=6.8km az=92.0

GUC 16 20:33:47.1-0.6, 30:28S; 71.53W, h36km, 4km, ML4.8, ISC 16 20:33:45.6-1.1, 30:23S; 0:03-71.74W, 0:04, h19km, 4km, n141, s1s42/145, mb4.5/12, MS3.3/3, 2C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like G004 Tololo Observa, G004 Tololo Observa, G004 Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like G002 Mina Guanaco, PUMA Malargue, MRA San Martin, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, KSH Kashi, MKAR Makanchi Array, etc.

NOU 16 21:01:17.7, 36:87S; 178:27E, h210km, MLV4.1, Off E, Coast of N. Island, NZ, WEL 16 21:01:32.3, 1.0, 37:5.6; 177:7E; h113km, 9km, M3.4/39, ML3.7/7, MLV3.4/39, Error ellipse: s-maj=0.0km s-min=0.0km az=43.0

IDC 16 21:01:33.5, 1.7, 37:95S; 177:40E, h138km, 8km, mb3.1/2, mb1.3/4.3, mb1mx3.2/37, mbmp3.7/3, Error ellipse: s-maj=54.7km s-min=25.5km az=126.0

ISC 16 21:01:28.6, 1.4, 37:41S; 0:07x177:44E, 0:07, h156km, 8km, n137, s1s7/140, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HAZ Te Kaha, HAZ Te Kaha, WHRZ Whale Island, etc.

16d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include Rata Peaks, Arundel, Fox Glacier, etc.

16C 16:21:08:09.2,2.6,6.21S:147.743E,h88km,28km,mb3.5/5, mb1 3.77,mb1mx3.4/33,mbtmp3.9/7,MS2.9,Ms1 2.9/3, ms1m2.6/30, Error ellipse: s-maj=49.1km s-min=16.3km bz=108.0

ISC 16:21:08:08.1,1.4,6.17S:010.1474E:0.3,h77km,n8, o=875/9,mb3.6/5,Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include Port Moresby, Warrunga Ar, Alice Springs, etc.

16C 16:21:24:13.6,1.1,41.56S:87.15W,h0km,mb4.2/7, mb1 4.5/8,mb1mx4.3/25,mbtmp4.3/8,ML3.5/1,MS4.1/8, MS1 4.1/8,ms1mx3.7/38, Error ellipse: s-maj=37.3km s-min=26.5km az=0.0

NEIC 16:21:24:20.3,2.7,4.1,0S:0.1:86.5W:0.2,h10km,2km, mb4.5/25, Error ellipse: s-maj=23.9km s-min=18.1km bz=286.0

ISC 16:21:24:17.9,0.7,41.1S:011.86:8W:0.1,h10km,n76, o=161/65,mb4.4/12,MS4.1/7,West Chile Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include Juan Fernandez, Curico, Iquique, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include Macapa, Santo Domingo, San Domingo, etc.

16C 16:21:26:35.1,0.6,43.97N:151.45E,h0km,mb4.1/22, mb1 4.2/27,mb1mx4.1/43,mbtmp4.0/27,ML3.3/5,MS3.1/6, MS1 3.1/6,ms1mx2.7/60, Error ellipse: s-maj=17.4km s-min=13.1km az=157.0

NIED 16:21:26:38.1,44.23N:151.29E,h30km,MW4.1,Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; M=1.29; M=0.99; M=0.30; M=0.87; M=0.34; M=0.26; Fault plane solution: Mo:1.51000x10^15 NP1: e=251.00000°, b=63.00000°, -88.00000°. NP2: a=66.00000°, b=27.00000°, -95.00000°

JMA 16:21:26:38.1,0.7,44.23N:151.29E,h30km,M4.6 SKHL 16:21:26:39.6,0.5,43.90N:151.20E,h48km,3km,mb4.5/5 MOS 16:21:26:39.1,1.1,43.83N:151.26E,h40km,mb4.8/10, Error ellipse: s-maj=16.6km s-min=7.8km az=29.4

NEIC 16:21:26:40.5,2.0,44.03N:104.1514E:0.1,h32km,5km, mb4.5/36, Error ellipse: s-maj=17.0km s-min=10.0km az=137.0

ISC 16:21:26:38.7,0.5,43.83N:006.151:28E:0.05,h24km,n207, o=177/223,mb4.4/47,MS3.4/6,10C-13D,East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include Kuril'sk, Tuman, Nemuro, etc.

750

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include Tenmabayashi, Shirochi, Ouri, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Santo Domingo, Socops, Montagnes des, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Principal axes, NEIC, ISC, Sandwhich Islands region, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like PEL, MT02, ZON, etc.

BUI 16 22:00:53.2, 1.0, 55.30S; 28.05W, h10km, mb6.1/45, Ms6.3/42, Ms7.6/349
MOS 16 22:00:52.1, 1.0, 55.53S; 28.35W, h10km, mb6.0/16, MS6.3/41, Error ellipse: s-maj=15.0km s-min=8.5km b=10.4
NEIC 16 22:00:53.2, 55.51S; 28.22W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr0.92; Mw=0.78; Mo=0.14; Mo=0.78; Mo=0.71; Mr1.41; Fault plane solution: Mo1.960000*10^18 NP1:36.620000, 323.050000, 142.330000. NP2:326.660000, 87.471000, 1107.460000. Principal axes: T 1.9214, Plg57.0000, -1.9927, Plg28.0000, Azm43.0000;
IDC 16 22:00:53.2, 1.0, 55.45S; 28.11W, h12km, mb5.7/27, mb1.5/729, mb1mx5.6/32, mbtmp5.8/29, ML5.72, MS6.2/18, Ms1.6/718, ms1.6/277 Error ellipse: s-maj=13.6km s-min=9.1km b=37.0
NEIC 16 22:00:53.6, 1.9, 55.52S; 09.28W, 3W.0, 1, h13km, 1km, mb6.1/149, Ms, 2.6/3.906, Mw6.1/34, Mw6.2/36, Mw6.2, Mw6.3(GCMT), Error ellipse: s-maj=15.5km s-min=13.4km b=203.0
NEIC 16 22:00:55.42S; 28.25W, h30km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr0.95; Mw=0.23; Mo=0.72; Mo=0.74; Mo=1.25; Mo=2.38; Fault plane solution: Mo2.920000*10^18 NP1:36.10700000, 321.000000, 135.000000. NP2:343.000000, 87.000000, 1108.000000. Principal axes: T 2.6490, Plg54.0000, Azm273.0000; N 0.4823, Plg17.0000, Azm159.0000; P 3.1313, Plg31.0000, Azm59.0000;
GCMT 16 22:00:56.0, 1.5, 55.50S; 28.14W, h14km, Mw6.3/170, Moment Tensor Solution. s169.c369, s170.c564; Duration: 3s Moment tensor: Scale 10^18Nm; Mr1.00e+01; Mo=0.61e+01; Mo=0.38e+01; Mo=0.91e+03; Mo=1.11e+01; Mo=2.71e+08; Best double couple: Mo3.18700*10^18 NP1:36.10000000, 819.000000, 132.000000. NP2:339.000000, 880.000000, 1107.000000.

Table with columns for station name, coordinates, and various parameters. Includes stations like HOPE, VNA2, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like PEL, MT02, ZON, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H10N1, H10N3, H10N2, AP01, SMTB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ROSC, EI Rosal, ROSC, EI Rosal, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RIOS, Rincon, Osa, POTG, Potrero Grande, etc.

M₁:1.58300x10¹⁹ N_{P1}:1.182.00000°, δ18.00000°, 1.68.00000°. NP₂:2.26.00000°, δ73.00000°, 1.97.00000°. Principal axes: T 1.5820, Plg1.0000°, Azm3.0000°; N 0.0000, Plg7.0000°, Azm204.0000°; P -1.5830, Plg28.0000°, Azm110.0000°. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 16 23:06:39.3979N,143.26E, h21km, Moment Tensor Solution. Moment tensor: Scale 10¹⁹Nm; Mr0.82; Mw0.01; M_{xx}-0.83; M_{yy}0.70; M_{zz}-0.22; M_{xy}1.42; Fault plane solution: M₁:60000x10¹⁹, N_{P1}:1.182.00000°, δ15.00000°, 1.68.00000°. NP₂:2.26.00000°, δ76.00000°, 1.96.00000°. Principal axes: T 1.7879, Plg59.0000°, Azm303.0000°; N 0.0255, Plg6.0000°, Azm203.0000°; P -1.8134, Plg31.0000°, Azm110.0000°.

NEIC 16 23:06:42.3974N,143.24E, h24km, Moment Tensor Solution. Moment tensor: Scale 10¹⁹Nm; Mr0.85; Mw0.07; M_{xx}0.78; M_{yy}0.35; M_{zz}0.19; M_{xy}1.28; Fault plane solution: M₁:1.57000x10¹⁹, N_{P1}:1.182.00000°, δ16.00000°, 1.87.00000°. NP₂:2.26.00000°, δ74.00000°, 1.91.00000°. Principal axes: T 1.5795, Plg61.0000°, Azm286.0000°; N -0.0200, Plg1.0000°, Azm195.0000°; P -1.5595, Plg29.0000°, Azm104.0000°.

ISC 16 23:06:28.14023319E, 0.02111km, 1km, h11km; pP-P, n2188, -2.271465, mb.6/2.516, MS6.6/529, 10C6-89D, Fault plane solution: NP₁:1.14.15080°, δ71.33323°, 1.57.41798°. NP₂:2.257.54837°, δ37.03229°, 1.147.89766°. Principal axes: T Plg52.2603°, Azm245.6800°; N Plg30.6757°, Azm25.7111°; P Plg19.7649°, Azm128.0180°. Fault plane solution: NP₁:1.152.25099°, δ27.31778°, 1.41.68374°. NP₂:2.23.90171°, δ72.23018°, 1.111.09460°. Principal axes: T Plg57.5704°, Azm322.2331°; N Plg20.0438°, Azm197.1871°; P Plg24.3583°, Azm97.6796°. Off east coast of Honshu

Code	Station Name	A°	AZ°	Phase ID	Time	Res
					h m s	ISC
JTH	Tanohata	1.01	270	P	23 06 53.9	+5.7
JTH				S	23 07 07.1	+4.7
MIJV	Miyakonagasawa	1.11	251	P	23 06 54.8	+5.4
MIJV				S	23 07 09.9	+5.0
JANG	Nango	1.34	289	P	23 06 59.4	+5.5
JANG				S	23 07 17.4	+6.1
JOM	Ohasama	1.53	253	P	23 07 02.2	+4.8
JOM				S	23 07 22.6	+5.3
JMK	Ichinoseki	1.81	237	P	23 07 28.7	+4.7
JTM	Temabayashi	1.82	298	P	23 07 07.1	+4.2
JTM	Temabayashi	1.82	298	P	23 06 58.2	-1.0
JRG	Rokujo	2.04	255	S	23 07 38.4	+4.8
JIO	Ouri	2.06	224	S	23 07 34.7	+3.6
ERM	Erimo	2.07	360	P	23 07 02.4	-0.3
ERM	Erimo	2.07	360	P	23 07 02.4	-0.3
JMM	Marumori	2.79	223	P	23 07 07.1	-5.5
JEW	Eniwa	3.17	336	P	23 07 16.9	-1.0
NMR	Nemuro-Hokkai	3.92	281	P	23 07 26.3	-1.9
NMR				S	23 08 10.9	-3.2
JKA	Kamikawa-asahi	4.19	354	P	23 07 31.9	-0.1
ASAJ	Asahikawa	4.19	354	P	23 07 32.1	+0.3
ASAJ				Lg	23 08 37.9	
ASAJ	Asahikawa	4.19	354	P	23 07 32.2	+0.3
JSD	Sado	4.28	245	P	23 07 29.6	-3.5
JYT	Yasato	4.40	213	P	23 07 29.8	-4.9
GRPR	Tuman	4.48	251	P	23 07 35.4	-0.5
GRPR				S	23 08 25.8	-2.2
GRPR	comp=Z,6um,0.3s			pmax		
GRPR	comp=N,2um,0.2s			pmax		
GRPR	comp=E,1um,0.2s			pmax		
GRPR	comp=N,13um,0.4s			smax		
GRPR	comp=E,43um,0.5s			smax		
YUK	Yuzh-Kuril'sk	4.55	250	P	23 07 35.6	-1.2
YUK				S	23 08 27.3	-2.4
YUK				pmax		
YUK	comp=Z,10um,1.2s			pmax		
YUK	comp=E,1um,0.3s			pmax		
YUK	comp=N,829nm,0.1s			pmax		
YUK	comp=N,24um,0.4s			smax		
YUK	comp=E,39um,0.7s			smax		
MJAR	Matsushiro Arr	5.18	231	P	23 07 42.0	-3.6
MJAR				Lg	23 09 03.1	
MJAR	baz=32,slow=23,SNR=1.5			LR	23 10 03.9	
MJAR	comp=E,1518um,18.4s,baz=40,slow=44			P	23 07 42.0	-3.6
MJAR	Matsushiro Arr	5.18	231	P	23 07 41.7	-3.9
MJAR	Matsushiro Arr	5.18	231	P	23 07 41.2	-4.4
MJB9	Matsushiro Tunnel	5.18	231	P	23 07 42.4	-3.2
MAJO	Matsushiro	5.18	231	P	23 07 41.3	-4.3
MAJO	Matsushiro	5.18	231	P	23 07 42.3	-3.3
MAT	Matsushiro	5.18	231	P	23 08 36.7	-8.7
KUR	Kuril'sk	6.32	320	S	23 08 00.6	-0.5
JGF	Kuroka	6.33	229	P	23 07 56.9	-4.5
JSG	Sagara	6.60	219	P	23 08 01.0	-4.0
INU	Inuyama	6.70	229	P	23 08 01.6	-4.9
YSS	Yuzh-Sakhalins	7.01	358	P	23 08 11.0	+0.4
YSS				S	23 09 29.5	-0.8
YSS				pmax		
YSS	comp=Z,20um,5.6s			smax		
YSS	comp=E,920nm,1.3s			MLR		
YSS	comp=N,611um,17.6s			MLR		
YSS	Yuzh-Sakhalins	7.01	358	P	23 08 10.3	-0.4
TEY	Ternei	7.03	318	P	23 08 12.9	+2.0
TEY				pmax		
TEY	comp=N,90nm,1.8s			pmax		
TEY	comp=E,110nm,1.8s			pmax		
TEY				pmax		
JHJ2	Mitsune	7.34	203	P	23 08 10.0	-5.2
JHJ	Hachiojima 2	7.34	203	P	23 08 09.7	-5.5
JHJ	comp=Z,69nm,0.3s,baz=338,slow=20,SNR=11			S	23 09 31.6	-6.9
JHJ	comp=Z,669nm,0.3s,baz=74,slow=21,SNR=2.0			LR	23 11 15.0	
JHJ	comp=Z,431um,21.5s,baz=50,slow=41			LR		
JHJ	Hachiojima 2	7.34	203	P	23 09 31.6	-6.9
JWT	Wachi	7.73	235	P	23 08 17.3	-3.2
UGL	Uglegorsk	9.16	355	P	23 08 39.8	-0.4
UGL				S	23 10 20.6	-2.6
UGL	comp=Z,14um,8.0s			pmax		
UGL	comp=Z,1um,1.0s			pmax		
UGL	comp=E,42um,5.9s			smax		
UGL	comp=N,47um,8.9s			smax		
UGL	comp=N,795um,17.0s			MLR		
UGL	comp=E,873um,17.0s			MLR		
USA0B	Ussuriysk Arra	9.34	301	P	23 08 42.4	-0.2
USA0B	Ussuriysk Arra	9.34	301	P	23 08 41.8	-0.8
USRK	Ussuriysk Arr	9.34	301	P	23 08 45.9	+1.3
USRK	baz=100,slow=14,SNR=60			LR	23 12 13.8	
USRK	comp=E,1020um,21.7s,baz=102,slow=38			LR	23 12 13.8	
USRK	Ussuriysk Arr	9.34	301	P	23 08 41.4	-1.2
USRK	Ussuriysk Arr	9.34	301	P	23 08 41.4	-1.2
I45RU	USSURIYSK INFR	9.35	301	P	23 08 45.9	+3.2
I45RU	baz=114,slow=15,SNR=2.5					
I45RU	baz=126,slow=333,SNR=1.5				00 06 30.0	

JHS	Saiyo	9.40	241	P	23 08 39.4	-4.1
MSHR	Mys Shultsa	9.43	290	P	23 08 42.7	-1.1
MSHR				pmax		
TYV	comp=Z,368nm,1.7s					
TYV	Tymovskoe	10.92	358	P	23 09 04.0	-0.2
TYV				S	23 11 07.3	+0.9
TYV				pmax		
TYV	comp=Z,1um,3.7s			pmax		
TYV	comp=Z,56nm,1.0s			pmax		
TYV	comp=N,151nm,1.4s			smax		
TYV	comp=N,8um,3.8s			smax		
TYV	comp=Z,808um,17.0s			MLR		
TYV				MLR		
MDJ	comp=E,522um,16.0s			P	23 09 06.4	-0.2
MDJ	Mudanjiang	11.09	299	P	23 09 12.3	
MDJ				pP	23 09 15.6	
MDJ				S	23 11 02.8	-7.7
MDJ				S	23 11 10.9	
MDJ	comp=E,5um,4.1s			LR		
MDJ				LR		
MDJ	comp=Z,803um,14.8s			LR		
MDJ				LR		
MDJ	comp=E,1361um,16.5s			LR		
MDJ				LR		
GRNR	Gornyy	11.81	339	P	23 09 17.1	+0.7
GRNR				S	23 11 32.3	+4.1
GRNR				iP		
GRNR	comp=N,30nm,0.6s			pmax		
GRNR				pmax		
GRNR	comp=E,20nm,0.6s			pmax		
GRNR	comp=Z,50nm,0.7s			pmax		
GRNR	comp=N,30nm,0.6s			smax		
GRNR				smax		
GRNR	comp=E,367um,15.0s			MLR		
GRNR				MLR		
GRNR	comp=N,191um,16.0s			MLR		
GRNR				MLR		
JNU	comp=Z,390um,14.0s			P	23 09 15.2	-4.0
JNU	Nakatsue	12.00	239	P	23 09 15.2	-4.0
JNU				11,SNR=7.2		
JNU	comp=Z,1.2nm,0.3s,baz=59,slow=15			LR	23 14 21.4	
JNU	comp=Z,1297um,18.8s,baz=44,slow=40			LR		
JNU	Nakatsue	12.00	239	P	23 09 14.2	-4.9
KSR	Korea Array	12.18	263	P	23 09 20.5	-0.9
KSR				13,SNR=27		
KSR	comp=Z,3.9nm,0.3s,baz=82,slow=13			LR	23 13 54.5	
KSR	comp=Z,1026um,18.6s,baz=76,slow=37			LR		
KS19	Wonju Array Si	12.21	263	P	23 09 20.0	-1.9
KSAR	Wonju Array Be	12.21	263	P	23 09 18.9	-3.0
KSAR	Wonju Array Be	12.21	263	P	23 09 18.9	-3.0
JTU	Tsushima	12.24	248	P	23 09 18.3	-4.0
KLR	Kul'dur	12.34	323	P	23 09 23.5	-0.1
KLR				P		
KLR	comp=Z,0.7nm,0.3s,baz=134,slow=13,SNR=32			LR	23 14 33.9	
KLR	comp=Z,963um,19.7s,baz=140,slow=40			LR		
KLR	Kul'dur	12.34	323	P	23 09 23.5	-0.1
KLR	Kul'dur	12.34	323	P	23 09 23.5	-0.1
JCJ	Chichijima	12.84	184	P	23 09 24.5	-5.3
JCJ				22,SNR=12		
JCJ	comp=Z,68nm,0.3s,baz=294,slow=22			S	23 11 36.8	-1.7
JCJ	comp=Z,86nm,0.3s,baz=114,slow=23,SNR=2.5			S		
TJN	Chichijima	12.84	184	P	23 09 25.8	-4.8
TJN	Tsujioji	12.95	259	P	23 09 29.7	-2.2
INC	Inchon	13.15	264	P	23 09 34.8	0.0
INC	Inchon	13.15	264	P	23 09 34.8	0.0
INCL	Nikolayevsk	13.32	353	P	23 09 39.0	+2.1
INCL				eP		
NKL	comp=N,12nm,1.3s			pmax		
NKL	comp=E,42nm,1.2s			pmax		
NKL	comp=Z,464nm,1.2s			pmax		
JSU	Suzuyama	13.32	235	P	23 09 33.9	-3.3
OKH	Okha	13.61	359	P	23 09 46.8	+5.9
OKH	comp=Z,7um,17.7s			MLR		
OKH	comp=N,813um,18.0s			MLR		
OKH	comp=Z,541um,18.0s			MLR		
CN2	Changchun	13.76	292	P	23 09 40.8	-2.2
CN2				S	23 12 10.3	-5.5
CN2	comp=Z,240nm,2.0s			pmax		
CN2	comp=Z,48um,13.0s			pmax		
CN2	comp=Z,620um,17.0s			LR		
CN2	comp=Z,987um,17.0s			LR		
CN2	comp=Z,1035um,17.0s			LR		
SKR	Severo-Kuril's	14.05	36	P	23 09 43.9	-3.1
SKR				S	23 12 23.8	+1.0
SKR	comp=Z,47nm,0.8s			pmax		
SKR	comp=Z,1um,2.8s			pmax		
SKR	Shenyang	14.95	284	P	23 10 03.8	+4.6
SNY				S	23 12 55.3	+1.1
SNY	comp=Z,380nm,3.0s			pmax		
SNY	comp=Z,73um,15.2s			pmax		
SNY	comp=N,556um,14.7s			LR		
SNY	comp=E,1008um,18.1s			LR		
SNY	comp=Z,1432um,17.7s			LR		
PEA0B	Petropavlovsk-	16.48	320	P	23 10 20.0	+0.9
PEA0B	Petropavlovsk-					

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Table with columns for call sign, name, frequency, power, mode, and time. Includes entries like ASAR Alice Springs, A05A Maple Falls, D03D Eldon, B05A Bryant, PALK Pallekele, etc.

2015 FEB

Table with columns for call sign, name, frequency, power, mode, and time. Includes entries like N2VA Vry, E07A Sunnyside, I04A Terock Farm, OBN Obninsk, etc.

16d 23h

Table with columns for call sign, name, frequency, power, mode, and time. Includes entries like JMTT Jette, NSS Namsoos, GDXM Geysers, GOF Gofitskoye, etc.

Table with columns: Name, Comp, P, I, M, L, R, S, T, U, V, W, X, Y, Z, and numerical values. Includes entries like RAYN Ar Rayn, ESK Eskdalemuir, GEC2 GERES Array S, etc.

Table with columns: Name, Comp, P, I, M, L, R, S, T, U, V, W, X, Y, Z, and numerical values. Includes entries like BBLs Lazzi#263i, COWI Conover, ZAG Zagreb, etc.

Table with columns: Name, Comp, P, I, M, L, R, S, T, U, V, W, X, Y, Z, and numerical values. Includes entries like FETA Feichten, MXZ Matakopa, R32A Long Quarter, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, and other technical details. Includes stations like Kerkira Dawn, Oliver, Polo, KKRND, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, and other technical details. Includes stations like E56A, U38A, SSB, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, and other technical details. Includes stations like BLO, BLO, BLO, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Mesjejana, Vaqueiros, Rikitea, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like SYO Syowa Base, SUR Sutherland, CZSB Cruzeiro do Sul, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like SKHL 1623:17:02, JMA 1623:17:02, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ULN Ulanbaatar, SONM Songino Array, AMKA Amchitka, etc.

MOS 17 00:50:00.6,0.9,39.91N:143.25E, h11km, mb4.9/49, Error ellipse: s-maj=6.8km s-min=4.2km az=115.6
IDC 17 00:50:00.5:0.6,39.85N:143.36E, h0km, mb4.3/24, mb1 4.4/28, mb1mx4.2/53, mbtmp4.2/28, ML3.8/3, MS4.5/1, Ms1 4.7/1, ms1mx3.6/51, Error ellipse: s-maj=16.5km s-min=13.2km az=112.0
BUJ 17 00:50:00.9,0.0,39.82N:143.12E, h11km, mB5.5/28, mb4.7/64, Ms5.0/14, Ms7 4.8/13
JMA 17 00:50:02.3:0.2,39.94N:143.32E, h15km:3km, M4.6 JMA Fellt J1.
NEIC 17 00:50:02.6:1.1,39.86N:0.06:143.17E:0.09, h10km:1km, mb4.6/45, Error ellipse: s-maj=12.8km s-min=8.3km az=119.0
ISC 17 00:50:02.0:0.5,39.89N:0.05:143.35E:0.05, h10km:n302, s125/314, mb4.7/100, MS4.6/34C-7D, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTH Yanohata, MIYJ Miyokogasawa, JKEN Kujiedanarisaw, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like YSS Korea Array, TEY Ternei, JWS Wachi, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GTA Gaotai, KMI Kunming, SLVN Jazator, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BCAR, KUUV, KUU, KKN, PKI, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ASAR, Alice Springs, VRH, Novokhoporsk, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JAH, OHata, JYK, Kaneyama, etc.

IDC 17 00:56:58.3 1.2, 39.69N, 143.35E, h0km, mb3.5/6, mb1.3, 7.7, mb1mx3.460, mbtmp3.5/7, ML2.9/1, Error ellipse: s-maj=29.9km s-min=25.7km az=86.0

JMA 17 00:57:01.4 0.3, 39.80N, 143.39E, h28km, M3.6, ISC 17 00:56:59.7 1.2, 39.77N, 143.37E, 0.07, h9km, 13km, n21, c134/29, mb3.5/6, Off east coast of Honshu

IDC 17 01:01:56.7 7.8, 6.49N, 76.34W, h59km, 78km, mb3.0/1, mb1.3, 5/2, mb1mx3.1/29, mbtmp3.5/2, ML2.5/1, Error ellipse: s-maj=102.3km s-min=37.3km az=65.0, RSNC 17 01:01:57.9 1.1, 7.07N, 73.49W, h106km, 5km, ML3.3, Mw3.7, Fault plane solution: NP1: p68.00000, 0.12.00000, A-1.12.00000, ISC 17 01:01:58.2 0.9, 7.05N, 70.03W, h103km, 6km, n36, c181/65, 5C, 2D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BRRR, Barranca, Sant, BARRC, BARRC, etc.

17d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WSI Waingapu, EDPI Ende, BASI Baing, Sumba, etc.

IDC 17 01:11:59.2,2.5,39.67N:143.92E,h0km,mb3.8/4, mb1 3.77,mb1mx3.5/36,mbtmp3.77,ML2.8/3,Error ellipse: s-maj=55.5km s-min=25.0km az=82.0

JMA 17 01:12:04.7,0.2,39.92N:143.36E,h27km,M3.5

ISC 17 01:12:03.5,1.3,39.76N:0.06:143.32E,0.08,h6km,n24, r181/24,mb3.6/4,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, etc.

JMA 17 01:14:30.7,0.3,39.75N:143.09E,h25km,5km,M2.6,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, etc.

BUI 17 01:15:00.6,0.0,39.75N:142.91E,h9km,mb5.4/24, mb4.5/52,Ms4.8/9,Ms7.4/6.9

IDC 17 01:15:00.5,0.7,39.71N:143.07E,h0km,mb4.0/21, mb1 4.1/23,mb1mx4.1/38,mbtmp4.0/23,ML3.3/2,Error ellipse: s-maj=19.1km s-min=15.1km az=112.0

JMA 17 01:15:03.5,0.3,39.80N:143.07E,h19km,3km,M4.3

NEIC 17 01:15:06.6,1.5,39.80N:0.04:142.78E,0.07,h35km,2km, mb4.5/34,Error ellipse: s-maj=10.5km s-min=4.7km az=123.0

ISC 17 01:15:02.1,1.4,39.75N:0.03:143.02E,0.05,h8km,8km, n138,r192/150,mb4.3/49,MS4.7/4,3D,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, etc.

2015 FEB

Main table with columns: US0AB, Station Name, Az, Phase ID, Time, Res. Includes stations like Ussuriysk Arra, Ussuriysk Ar, etc.

776

Table with columns: AAK, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH Kashi, KSH Kashi, etc.

UCR 17 01:22:37.6,1.1,13.34N:89.72W,h44km,8km,ML3.6

SNET 17 01:22:37.8,1.1,13.37N:89.69W,h47km,7km,ML3.6

CGG 17 01:22:38.8,0.8,14.26N:90.25W,h169km,10km,MD3.7

ISC 17 01:22:39.0,2.1,13.35N:0.07:89.66W,0.04,h39km,3km, n68,r081/94,8D,El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LALI Alcalda de L, LALI Alcalda de L, etc.

Table with columns: OPAM, comp-Z, IAML, 01 23 02.9, 0.58 51 eP, Pn, 01 22 50.3 -0.6, 01 23 02.9, 0.58 50 eP, Pn, 01 22 50.3 -0.7, 01 23 04.5, 0.58 50 eP, Pn, 01 22 50.3 -0.7, 01 23 04.5, 0.60 52 eP, Pn, 01 22 50.6 -0.6, 01 22 50.6 -0.6, 0.61 53 eP, Pn, 01 22 50.9 -0.5, 01 23 02.7, 0.61 53 eP, Pn, 01 22 50.9 -0.5, 01 23 02.7, 0.63 56 eP, Pn, 01 22 51.4 -0.2, 0.63 56 eP, Pn, 01 22 51.4 -0.2, 0.64 10 eP, Pn, 01 22 51.1 -0.7, 0.64 10 eP, Pn, 01 22 51.1 -0.7, 0.64 65 eP, S, Sn, 01 22 51.2 -0.6, 0.64 65 eP, S, Sn, 01 22 51.2 -0.6, 0.64 53 eP, S, Sn, 01 22 51.7 -0.4, 0.64 53 eP, S, Sn, 01 22 51.7 -0.4, 0.67 53 eP, S, Sn, 01 22 51.7 -0.4, 0.69 26 eP, Pn, 01 22 51.4 -1.0, 0.69 26 eP, Pn, 01 22 51.4 -1.0, 0.71 57 eP, Pn, 01 22 52.4 -0.3, 0.71 57 eP, Pn, 01 22 52.4 -0.3, 0.81 70 eP, Pn, 01 22 53.4 -0.6, 01 23 10.2, 0.81 70 eP, Pn, 01 22 53.4 -0.6, 01 23 10.2, 0.90 71 eP, Pn, 01 22 54.7 -0.4, 0.90 71 eP, Pn, 01 22 54.7 -0.4, 1.09 15 eP, Pn, 01 22 56.9 -1.1, 1.09 15 eP, Pn, 01 22 56.9 -1.1, 1.14 82 eP, Pn, 01 22 57.6 -1.0, 1.14 82 eP, Pn, 01 22 57.6 -1.0, 1.14 82 eP, Pn, 01 22 57.6 -1.0, 1.25 84 eP, S, Sn, 01 22 58.6 -1.4, 1.25 84 eP, S, Sn, 01 22 58.6 -1.4, 1.31 84 eP, Pn, 01 23 00.5 -0.3, 1.31 84 eP, Pn, 01 23 00.5 -0.3, 1.33 87 eP, Pn, 01 23 00.7 -0.4, 1.33 87 eP, Pn, 01 23 00.7 -0.4, 1.33 87 eP, Pn, 01 23 00.8 -0.4, 1.34 86 eP, Pn, 01 23 00.8 -0.5, 1.34 86 eP, Pn, 01 23 00.8 -0.5, 1.38 94 eP, Pn, 01 23 00.5 -1.3, 01 23 23.6, 1.38 94 eP, Pn, 01 23 00.5 -1.3, 01 23 23.6, 1.39 319 eP, Pn, 01 23 03.0 +0.9, 1.39 319 eP, S, Sn, 01 23 21.5 +2.1, 1.40 332 eP, Pn, 01 23 02.3 -0.1, 1.40 332 eP, S, Sn, 01 23 22.1 +2.3, 1.59 314 eP, S, Sn, 01 23 04.0 -0.8, 1.59 314 eP, S, Sn, 01 23 22.8 -1.4, 1.72 91 eP, Pn, 01 23 05.7 -0.8, 01 23 31.8, 1.72 91 eP, Pn, 01 23 05.7 -0.8, 01 23 31.8, 1.73 359 eP, Pn, 01 23 05.8 -1.0, 1.73 359 eP, Pn, 01 23 05.8 -1.0, 1.73 359 eP, Pn, 01 23 06.3 -0.5, 01 23 06.3 -0.5

TAP 17 01:22:49.6, 24.96N, 122.87E, h143km, ML3, D
JMA 17 01:22:49.5, 0.3, 24.89N, 122.85E, h147km, 3km, M3, 2
ISC 17 01:22:49.1, 1.4, 24.89N, 122.85E, 0.103, h148km, 7km,
n118, s103/216, Taiwan region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC, h m s ISC, JYNG, Yonagunijimaku, 0.44 169 P, S, Sn, 01 23 10.6 +0.6, 01 23 26.1 +0.3, YOJ, Yonaguni jima, 0.45 161 P, S, Sn, 01 23 10.4 +0.4, YOJ, Yonaguni jima, 0.45 161 P, S, Sn, 01 23 25.7 -0.1, YOJ, Yonaguni jima, 0.45 161 P, S, Sn, 01 23 10.6 +0.6, 01 23 26.3 +0.4, TWB1, Santiao Chiao, 0.79 279 eP, S, Sn, 01 23 12.3 +0.3, TWB1, Santiao Chiao, 0.79 279 eP, S, Sn, 01 23 28.7 -0.8, NTC, Toucheng, 0.93 268 eP, S, Sn, 01 23 13.0 -0.1, NTC, Toucheng, 0.93 268 eP, S, Sn, 01 23 30.0 -1.3, TIPB, Shuangxi, 0.94 275 P, S, Sn, 01 23 13.8 +0.6, TIPB, Shuangxi, 0.94 275 P, S, Sn, 01 23 30.8 -0.7, TWC, Suao, 0.95 253 P, S, Sn, 01 23 13.5 +0.3, TWC, Suao, 0.95 253 P, S, Sn, 01 23 30.8 -0.9, IRI, Iriomote-Funau, 0.97 124 P, P, Pn, 01 23 13.8 +0.4, IRI, Iriomote-Funau, 0.97 124 P, P, Pn, 01 23 14.3 +0.6, NWF, Wu-fen Shan, 0.99 281 eP, S, Sn, 01 23 30.3 -2.1, NWF, Wu-fen Shan, 0.99 281 eP, S, Sn, 01 23 14.3 +0.7, WFSB, Wu-fen Shan, 0.99 281 eP, S, Sn, 01 23 30.0 -2.2, WFSB, Wu-fen Shan, 0.99 281 eP, S, Sn, 01 23 13.6 -0.2, ILA, ilan, 1.01 263 eP, S, Sn, 01 23 32.1 -0.4, ILA, ilan, 1.01 263 eP, S, Sn, 01 23 32.1 -0.4, PCYT, Pengchayiu, 1.02 316 P, S, Sn, 01 23 14.0 +0.2, PCYT, Pengchayiu, 1.02 316 P, S, Sn, 01 23 32.6 -0.2, NDS, Dongshan, 1.06 256 eP, S, Sn, 01 23 14.7 +0.5, NDS, Dongshan, 1.06 256 eP, S, Sn, 01 23 32.8 -0.6, EWUT, Wuta, 1.07 246 P, S, Sn, 01 23 14.6 +0.3, EWUT, Wuta, 1.07 246 P, S, Sn, 01 23 32.6 -0.9, TWE, Neicheng, 1.09 261 P, S, Sn, 01 23 15.2 +0.7, TWE, Neicheng, 1.09 261 P, S, Sn, 01 23 33.2 -0.6, ENA, Nanau, 1.11 246 eP, S, Sn, 01 23 15.4 +0.7, ENA, Nanau, 1.11 246 eP, S, Sn, 01 23 33.8 -0.3, TWA, Mucha, 1.16 275 eS, S, Sn, 01 23 34.5 -0.3, TWA, Mucha, 1.16 275 eS, S, Sn, 01 23 35.5 +0.2, YM08, YM08, 1.18 285 eS, S, Sn, 01 23 15.2 -0.3, YM08, YM08, 1.18 285 eS, S, Sn, 01 23 34.9 -0.6, YM01, YM01, 1.19 283 eP, S, Sn, 01 23 16.6 +1.1, YM01, YM01, 1.19 283 eP, S, Sn, 01 23 34.8 -0.9, ENT1, Nioudou, 1.20 258 P, S, Sn, 01 23 16.1 +0.7, ENT1, Nioudou, 1.20 258 P, S, Sn, 01 23 34.7 -0.9, YM05, YM05, 1.20 283 eP, S, Sn, 01 23 15.8 +0.3, YM05, YM05, 1.20 283 eP, S, Sn, 01 23 35.8 +0.1, HATJ, Hateruma jima, 1.20 133 P, S, Sn, 01 23 16.6 +1.1, HATJ, Hateruma jima, 1.20 133 P, S, Sn, 01 23 36.3 +0.7

Table with columns: TWY, Chenhua, 1.20 289 eP, Pn, 01 23 16.4 +1.0, TWY, Chenhua, 1.20 289 eP, S, Sn, 01 23 35.9 +0.3, YM10, YM10, 1.20 283 eP, Pn, 01 23 16.1 +0.6, YM10, YM10, 1.20 283 eP, S, Sn, 01 23 35.8 0.0, NHDH, Xindian Distri, 1.21 274 eP, Pn, 01 23 15.2 -0.4, NHDH, Xindian Distri, 1.21 274 eP, S, Sn, 01 23 34.1 -1.6, YM04, YM04, 1.22 283 eP, Pn, 01 23 16.6 +0.9, YM04, YM04, 1.22 283 eP, S, Sn, 01 23 35.9 -0.2, YM03, YM03, 1.23 284 eP, Pn, 01 23 15.9 +0.1, YM03, YM03, 1.23 284 eP, S, Sn, 01 23 35.5 -0.7, NWLT, Wu'ai, 1.23 265 eP, Pn, 01 23 16.3 +0.5, NWLT, Wu'ai, 1.23 265 eP, S, Sn, 01 23 35.3 -0.9, JWRS, Kuro-shima, 1.24 121 P, S, Sn, 01 23 16.9 +1.1, JWRS, Kuro-shima, 1.24 121 P, S, Sn, 01 23 36.1 -0.1, TATO, Taipei, 1.24 274 eP, S, Sn, 01 23 16.0 +0.1, TATO, Taipei, 1.24 274 eP, S, Sn, 01 23 35.7 -0.6, ANP, Anpu, 1.25 284 eP, Pn, 01 23 16.5 +0.5, ANP, Anpu, 1.25 284 eP, S, Sn, 01 23 37.0 +0.5, NDT, Datong Townshi, 1.25 257 P, S, Sn, 01 23 17.2 +1.2, NDT, Datong Townshi, 1.25 257 P, S, Sn, 01 23 34.9 -1.6, JJJ, Ishigaki jima, 1.28 114 P, S, Pn, 01 23 16.7 +0.4, JJJ, Ishigaki jima, 1.28 114 P, S, Pn, 01 23 35.9 -1.2, NTST, Danshui, 1.30 282 eP, S, Sn, 01 23 17.0 +0.6, NTST, Danshui, 1.30 282 eP, S, Sn, 01 23 37.6 +0.3, TWS1, Kuangyingshan, 1.32 279 eP, S, Sn, 01 23 37.9 +0.2, TWS1, Kuangyingshan, 1.32 279 eP, S, Sn, 01 23 16.7 -0.2, WJCS, Ninganchiao, 1.35 238 eP, S, Sn, 01 23 36.7 -1.5, WJCS, Ninganchiao, 1.35 238 eP, S, Sn, 01 23 17.3 +0.3, JISG, Ishigakijimah, 1.36 102 P, S, Sn, 01 23 37.5 -0.9, JISG, Ishigakijimah, 1.36 102 P, S, Sn, 01 23 18.0 +0.8, YHNB, Yeheng, 1.36 261 eP, Pn, 01 23 38.4 -0.1, YHNB, Yeheng, 1.36 261 eP, S, Sn, 01 23 17.9 +0.6, NSK, Sanguang, 1.38 261 eP, S, Sn, 01 23 38.5 -0.3, NSK, Sanguang, 1.38 261 eP, S, Sn, 01 23 17.6 +0.2, TWD, Chiawan, 1.40 235 eP, Pn, 01 23 38.0 -1.1, TWD, Chiawan, 1.40 235 eP, S, Sn, 01 23 18.5 +0.8, NNSB, Datong, 1.41 251 eP, Pn, 01 23 38.8 -0.8, NNSB, Datong, 1.41 251 eP, S, Sn, 01 23 18.1 +0.4, NNSH, Datong, 1.41 251 eP, S, Sn, 01 23 39.2 -0.4, NNSH, Datong, 1.41 251 eP, S, Sn, 01 23 40.0 +0.6, NNTY, Taoyuan, 1.42 275 eP, S, Sn, 01 23 18.7 +0.9, NNTY, Taoyuan, 1.42 275 eP, S, Sn, 01 23 38.7 -1.0, NNS, Nan Shan, 1.42 252 P, S, Sn, 01 23 18.1 +0.3, NNS, Nan Shan, 1.42 252 P, S, Sn, 01 23 38.7 -1.0, ETLH, Xiulin Townshi, 1.42 242 eP, Pn, 01 23 18.1 +0.3, ETLH, Xiulin Townshi, 1.42 242 eP, S, Sn, 01 23 38.7 -1.0, HWA, Hwaiien, 1.46 232 eP, S, Sn, 01 23 18.4 +0.3, HWA, Hwaiien, 1.46 232 eP, S, Sn, 01 23 40.8 +0.6, NCU, National Centr, 1.51 273 eS, S, Sn, 01 23 41.0 -0.3, NCU, National Centr, 1.51 273 eS, S, Sn, 01 23 19.0 +0.3, NCUH, Zhongli, 1.52 273 eP, Pn, 01 23 41.3 0.0, NCUH, Zhongli, 1.52 273 eP, S, Sn, 01 23 20.9 +1.1, FUSS, Fushou, 1.60 247 eP, S, Sn, 01 23 42.6 -0.7, FUSS, Fushou, 1.60 247 eP, S, Sn, 01 23 43.2 +0.1, NJD, Zhudong, 1.61 265 eS, S, Sn, 01 23 43.2 +0.1, NJD, Zhudong, 1.61 265 eS, S, Sn, 01 23 43.0 +0.7, WHF, Hehuan Shan, 1.62 243 P, S, Pn, 01 23 21.5 +0.7, WHF, Hehuan Shan, 1.62 243 P, S, Pn, 01 23 43.5 -0.6, TWT, Tachien, 1.65 248 eP, Pn, 01 23 21.4 +1.1, TWT, Tachien, 1.65 248 eP, S, Sn, 01 23 44.7 +0.5, TDCB, Tech, 1.67 248 P, S, Pn, 01 23 21.7 +1.2, TDCB, Tech, 1.67 248 P, S, Pn, 01 23 44.0 -0.5, HSN1, Hsinchu, 1.67 267 eS, S, Sn, 01 23 45.0 +0.8, HSN1, Hsinchu, 1.67 267 eS, S, Sn, 01 23 20.3 -0.2, ESL, Shilin, 1.68 231 eP, Pn, 01 23 42.7 -1.8, ESL, Shilin, 1.68 231 eP, S, Sn, 01 23 21.0 +0.5, LIOB, Emei, 1.69 262 P, S, Pn, 01 23 44.7 +0.1, LIOB, Emei, 1.69 262 P, S, Pn, 01 23 21.2 +0.6, 01 23 44.3 -0.5, 01 23 21.6 +0.9, LIOB, Emei, 1.69 262 P, S, Pn, 01 23 44.9 -0.1, LIOB, Emei, 1.69 262 P, S, Pn, 01 23 22.2 +0.9, LIOB, Emei, 1.69 262 P, S, Pn, 01 23 45.6 -0.4, WHP, Taichung City, 1.84 251 P, S, Pn, 01 23 23.8 +1.4, WHP, Taichung City, 1.84 251 P, S, Pn, 01 23 48.1 +0.3, HGSD, Ruisui, 1.91 223 eP, S, Sn, 01 23 23.3 +0.2, HGSD, Ruisui, 1.91 223 eP, S, Sn, 01 23 48.6 -0.5, NMLH, Miaoli, 1.91 260 eS, S, Sn, 01 23 48.6 -0.5, NMLH, Miaoli, 1.91 260 eS, S, Sn, 01 23 24.0 +0.8, VWD1, VWD1, 1.93 234 eP, Pn, 01 23 48.4 -1.0, VWD1, VWD1, 1.93 234 eP, S, Sn, 01 23 24.5 +1.1, WPL, Pull Township, 1.94 244 eP, Pn, 01 23 24.2 +0.6, WPL, Pull Township, 1.94 244 eP, S, Sn, 01 23 25.5 +1.9, DPDB, Guoxing, 1.95 245 eP, Pn, 01 23 50.4 +0.3, DPDB, Guoxing, 1.95 245 eP, S, Sn, 01 23 25.0 +1.5, WCS, Beigang Elemen, 1.95 245 eP, S, Sn, 01 23 51.6 +1.6, WCS, Beigang Elemen, 1.95 245 eP, S, Sn, 01 23 24.8 +1.1, WNS, Sanyi, 1.96 257 eP, Pn, 01 23 51.0 +0.9, WNS, Sanyi, 1.96 257 eP, S, Sn, 01 23 23.4 -0.3, EHY, Hungye, 1.96 226 eP, S, Sn, 01 23 48.0 -2.2, EHY, Hungye, 1.96 226 eP, S, Sn, 01 23 24.4 +0.7, TWQ1, Liyutan, 1.97 255 eP, Pn, 01 23 51.0 +0.7, TWQ1, Liyutan, 1.97 255 eP, S, Sn, 01 23 51.0 +0.7

Table with columns: SMLT, Sun Moon Lake, 2.04 241 eP, Pn, 01 23 26.4 +1.6, SMLT, Sun Moon Lake, 2.04 241 eP, S, Sn, 01 23 54.1 +2.1, SSLB, Suilung, 2.05 238 eP, Pn, 01 23 25.6 +0.8, SSLB, Suilung, 2.05 238 eP, S, Sn, 01 23 51.8 -0.3, YULB, Yu-II, 2.06 224 P, S, Pn, 01 23 24.7 -0.1, YULB, Yu-II, 2.06 224 P, S, Pn, 01 23 54.0 -1.9, TYC, Yuchr, 2.07 242 eP, Pn, 01 23 26.6 +1.7, TYC, Yuchr, 2.07 242 eP, S, Sn, 01 23 53.8 +1.5, EYUL, Yuli, 2.08 223 eP, Pn, 01 23 25.5 +0.5, EYUL, Yuli, 2.08 223 eP, S, Sn, 01 23 51.1 -1.6, WDJ, Dajia District, 2.08 255 eP, Pn, 01 23 26.1 +1.0, WDJ, Dajia District, 2.08 255 eP, S, Sn, 01 23 52.5 -0.2, TWF1, Yuli, 2.09 223 P, S, Pn, 01 23 25.5 +0.3, TWF1, Yuli, 2.09 223 P, S, Pn, 01 23 51.7 -1.2, JIRB, Irabujima, 2.11 91 P, S, Pn, 01 23 25.9 +0.5, JIRB, Irabujima, 2.11 91 P, S, Pn, 01 23 53.7 +0.3, WWF, Wufeng, 2.14 247 eP, S, Sn, 01 23 26.6 +0.9, WWF, Wufeng, 2.14 247 eP, S, Sn, 01 23 53.9 0.0, JJKM, Ikemajima, 2.17 89 S, S, Sn, 01 23 54.1 -0.5, JJKM, Ikemajima, 2.17 89 S, S, Sn, 01 23 27.9 +1.6, WHYT, Xinyi Township, 2.18 237 P, S, Pn, 01 23 57.3 +2.5, WHYT, Xinyi Township, 2.18 237 P, S, Pn, 01 23 27.1 +0.5, FULB, Full, 2.21 221 eP, Pn, 01 23 55.6 +0.2, FULB, Full, 2.21 221 eP, S, Sn, 01 23 27.8 +1.2, WJS, Zhushan, 2.21 242 eP, S, Sn, 01 23 56.8 +1.3, WJS, Zhushan, 2.21 242 eP, S, Sn, 01 23 28.1 +1.4, JMJ, Miyako jima 2, 2.22 91 eP, Pn, 01 23 53.8 -1.8, JMJ, Miyako jima 2, 2.22 91 eP, S, Sn, 01 23 27.7 +1.0, WNT, Mingjian, 2.22 243 eP, Pn, 01 23 56.8 +1.2, WNT, Mingjian, 2.22 243 eP, S, Sn, 01 23 27.0 0.0, CHKT, Chengkung, 2.24 218 eP, S, Sn, 01 23 55.1 -1.0, CHKT, Chengkung, 2.24 218 eP, S, Sn, 01 23 28.3 +1.2, JM2, Miyako jima3, 2.25 93 P, S, Pn, 01 23 55.7 -0.6, JM2, Miyako jima3, 2.25 93 P, S, Pn, 01 23 29.6 +1.4, ALS, Alishan, 2.32 234 P, S, Sn, 01 24 00.0 +1.7, ALS, Alishan, 2.32 234 P, S, Sn, 01 23 30.1 +1.6, CHN5, Tsauling, 2.37 238 eP, Pn, 01 23 59.4 +0.5, CHN5, Tsauling, 2.37 238 eP, S, Sn, 01 23 28.9 +0.3, EDH, Donghe, 2.38 217 P, S, Pn, 01 23 58.1 -0.9, EDH, Donghe, 2.38 217 P, S, Pn, 01 23 29.2 +0.4, ELDTW, Lidau, 2.38 225 P, S, Sn, 01 23 58.6 -0.8, ELDTW, Lidau, 2.38 225 P, S, Sn, 01 23 30.2 -0.3, LONT, Longtian, 2.53 219 eP, Pn, 01 24 00.8 -1.5, LONT, Longtian, 2.53 219 eP, S, Sn, 01 23 30.6 -0.1, LDUT, Ludao, 2.54 210 eP, S, Sn, 01 24 02.1 -0.6, LDUT, Ludao, 2.54 210 eP, S, Sn, 01 23 30.4 -0.3, WTK, Tuli, 2.55 242 eP, Pn, 01 24 02.5 -0.2, WTK, Tuli, 2.55 242 eP, S, Sn, 01 23 32.4 +1.6, STYH, Taoyuan, 2.56 228 eP, S, Sn, 01 24 00.7 -2.2, STYH, Taoyuan, 2.56 228 eP, S, Sn, 01 23 32.4 +1.4, CHN4, Tsauhsan, 2.57 234 P, S, Pn, 01 24 05.1 +1.8, CHN4, Tsauhsan, 2.57 234 P, S, Pn, 01 23 33.0 +1.8, STYT, Taoyuan, 2.57 229 eP, S, Sn, 01 24 04.0 +0.6, STYT, Taoyuan, 2.57 229 eP, S, Sn, 01 23 34.2 +1.3, TPUB, Ta-pu, 2.58 233 eP, Pn, 01 24 03.6 +0.2, TPUB, Ta-pu, 2.58 233 eP, S, Sn, 01 24 03.6 +0.2, WTP, Ta-pu, 2.62 232 eP, Pn, 01 24 04.5 0.0, WTP, Ta-pu, 2.62 232 eP, S, Sn, 01 23 31.9 +0.2, TWG, Pinlang, 2.63 219 eP, S, Sn, 01 23 33.7 +1.1, TWG, Pinlang, 2.63 219 eP, S, Sn, 01 24 07.7 +1.5, TWK, Hsiuying, 2.70 234 eP, Pn, 01 23 34.0 +1.1, TWK, Hsiuying, 2.70 234 eP, S, Sn, 01 23 34.9 +1.5, CHN1, Nanshi, 2.72 232 eP, S, Sn, 01 23 34.9 +1.1, CHN1, Nanshi, 2.72 232 eP, S, Sn, 01 23 34.9 +1.5, SLGT, Liugui, 2.76 227 eP, Pn, 01 24 11.6 +0.4, SLGT, Liugui, 2.76 227 eP, S, Sn, 01 23 34.7 -0.7, ECL, Taimali, 2.87 218 eP, Pn, 01 23 36.5 +0.5, ECL, Taimali, 2.87 218 eP, S, Sn, 01 24 11.6 -0.6, TSMG, Majia, 2.97 223 eP, S, Sn, 01 23 38.1 +1.1, TSMG, Majia, 2.97 223 eP, S, Sn, 01 23 37.5 0.0, LAY, Lan-yu, 3.08 203 eP, Pn, 01 24 12.5 -2.3, LAY, Lan-yu, 3.08 203 eP, S, Sn, 01 23 37.0 -0.6, VVUC, VVUC, 3.09 273 eP, S, Sn, 01 24 12.2 -2.8, VVUC, VVUC, 3.09 273 eP, S, Sn, 01 23 37.7 0.0, EAST, Anshuo, 3.10 217 eP, Pn, 01 23 39.9 +0.5, EAST, Anshuo, 3.10 217 eP, S, Sn, 01 23 39.7 +0.3, LYJY, Jiantangzhen, 3.24 301 eP, Pn, 01 23 40.7 +0.9, LYJY, Jiantangzhen, 3.24 301 eP, S, Sn, 01 23 39.8 -0.2, SLIU, Shizi, 3.26 216 eP, Pn, 01 23 41.7 -2.2, SLIU, Shizi, 3.26 216 eP, S, Sn, 01 23 39.1 -1.1, PNG, Penghu, 3.29 247 eP, Pn, 01 23 41.6 -3.1, PNG, Penghu, 3.29 247 eP, S, Sn, 01 23 41.1 +0.4, PHUB, P'eng-hu, 3.29 246 eP, S, Sn, 01 24 18.9 -1.8, PHUB, P'eng-hu, 3.29 246 eP, S, Sn, 01 23 41.5 +0.2, WDG1, Tungji, 3.34 242 eP, Pn, 01 24 22.1 +1.4, WDG1, Tungji, 3.34 242 eP, S, Sn, 01 24 22.1 +1.4, PTMZ, Houxiangcun, 3.39 273 eP, Pn, 01 24 22.1 +1.4, PTMZ, Houxiangcun, 3.39 273 eP, S, Sn, 01 24 22.1 +1.4, VCHM, Qimei, 3.55 243 eS, S, Sn, 01 24 22.1 +1.4, VCHM, Qimei, 3.55 243 eS, S, Sn, 01 24 22.1 +1.4

IDC 17 01:27:38.70.8, 39.711N:143.42E, h0km, mb3.9/19, mb1.4/0.22, mb1mx3.9/52, mbtmp3.9/22, ML3.5/3, Error ellipse: s-maj=20.1km s-min=17.0km az=121.0

JMA 17 01:27:41.8.0.2, 39.931N:143.31E, h18km, mb4.4/4.3, MOS 17 01:27:41.2.0.9, 39.811N:143.39E, h27km, mb4.4/6.1, Error ellipse: s-maj=9.8km s-min=6.0km az=114.0

NEIC 17 01:27:44.4.1.3, 39.751N:0.06:143.5E:0.1, h42km, 7km, mb4.4/21, Error ellipse: s-maj=14.6km s-min=7.3km az=109.0

ISC 17 01:27:40.1.0.5, 39.84N:0.04:143.37E:0.04, h6km, n133, r131/147, mb4.2/45.1, C, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic events from JTH to RAMN.

Table with columns: CHKK, Chushkaly, Az, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic events from CHKK to GERS.

NEIC 17 01:46:50.9.1.9, 38.56N:0.06:142.4E:0.1, h49km, 8km, mb4.1/11, Error ellipse: s-maj=12.3km s-min=7.9km

JMA 17 01:46:52.3.0.1, 38.58N:142.21E, h61km, 1km, M4.2, JMA Feit Ji Ji

IDC 17 01:46:52.8.2.4, 38.42N:142.44E, h65km, 24km, mb3.5/11, mb1.3/9/15, mb1mx3.6/59, mbtmp4.0/15, Error ellipse: s-maj=22.5km s-min=15.6km az=103.0

ISC 17 01:46:56.1.1.3, 38.53N:0.04:142.40E:0.07, h48km, 11km, n72, r135/86, mb3.9/17, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic events from JIKH to MAJO.

Table with columns: MAT, Matsushiro, Az, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic events from MAT to WBO.

IDC 17 02:10:33.9.5.0, 16.135N:174.70W, h220km, 40km, mb3.3/5, mb1.3/5.6, mb1mx3.2/48, mbtmp3.9/6, Error ellipse: s-maj=44.5km s-min=35.4km az=112.0, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic events from MSVF to ILAR.

IDC 17 02:14:03.9.2.0, 39.731N:143.94E, h0km, mb3.4/5, mb1.3/5.7, mb1mx3.4/49, mbtmp3.4/7, ML3.0/2, Error ellipse: s-maj=48.2km s-min=26.9km az=160.0

JMA 17 02:14:04.9.0.2, 39.791N:143.54E, h29km, M3.6, JMA 17 02:14:05.4.1.1, 39.821N:0.06:143.38E:0.08, h10km, n19, r194/20, mb3.4/5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic events from JTH to MKAR.

ILAR Eielson Array 46.32 34 P P 02 22 30.4 -0.6
PDAR Pineadale Array 74.62 47 P P 02 25 43.2 -1.8

BUJ 17 02:14:53.7-0.0:1'4N:126'31'E, h35km, mb5.5/35, mb4.6/2, Ms4.9/30, Ms7.4/7/30
NEIC 17 02:14:58.5-1.0:0.55N:0.06E:126'03E:0.04, h38km, 4km, mb5.1/105, Error ellipse: s-maj=8.7km s-min=6.5km az=168.0
IDC 17 02:15:00.6-1.5:0.51N:126'03E, h50km, 14km, mb4.6/33, mb1.4/6/38, mb1mx4.6/47, mbmp4.8/38, ML4.7/5, Ms5.4/5/7, Ms1.4/5/7, ms1mx4.1/50, Error ellipse: s-maj=7.2km s-min=7.2km az=77.0
DJA 17 02:15:01.0-0.2:1'N:12'6E", h57km, 3km, M4.8/44, mb4.9/44, mb5.3/19, MLV5.0/18, Mw(mB)4.8/19, Mw(mps)4/2, Mwp5/2

KLM 17 02:15:02.0:0.51N:126'31E, h76km, mb5.1
GCMT 17 02:15:03.5-0.3:0.64N:0.02E:126'12E:0.03, h33km, MW5.7/9, Moment Tensor Solution. s41c48; s79c102; Duration: 1s4 Moment tensor: Scale 1017N/m; N:2.56e-14; Mw=0.81e-08; Mo=1.74e-09; Mo=0.69e-10; Mw=0.58e-05; Ms=0.03e-09; Best double couple: M2.36800x1017 Np1.0e16.00000; s42.00000; 1.74.00000; NP2.0e21.00000; s50.00000; 1.04.00000

Principal axes: T=2.6960, P1g79.0000, Azm185.0000; N=0.6480, P1g10.0000, Azm28.0000; P=-2.0400, P1g4.0000, Azm297.0000; nstia1 refers to body waves, cutoff=40s, nstia2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 17 02:14:59.7-0.7:0.51N:126'11E:0.03, h46km, 6km, m369, e130/392, mb5.0/117, MS4.4/12, 5C-4D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC h m s, ISC P1 P2 P3, ISC S1 S2 S3, ISC S4 S5 S6, ISC S7 S8 S9, ISC S10 S11 S12, ISC S13 S14 S15, ISC S16 S17 S18, ISC S19 S20 S21, ISC S22 S23 S24, ISC S25 S26 S27, ISC S28 S29 S30, ISC S31 S32 S33, ISC S34 S35 S36, ISC S37 S38 S39, ISC S40 S41 S42, ISC S43 S44 S45, ISC S46 S47 S48, ISC S49 S50 S51, ISC S52 S53 S54, ISC S55 S56 S57, ISC S58 S59 S60, ISC S61 S62 S63, ISC S64 S65 S66, ISC S67 S68 S69, ISC S70 S71 S72, ISC S73 S74 S75, ISC S76 S77 S78, ISC S79 S80 S81, ISC S82 S83 S84, ISC S85 S86 S87, ISC S88 S89 S90, ISC S91 S92 S93, ISC S94 S95 S96, ISC S97 S98 S99, ISC S100 S101 S102, ISC S103 S104 S105, ISC S106 S107 S108, ISC S109 S110 S111, ISC S112 S113 S114, ISC S115 S116 S117, ISC S118 S119 S120, ISC S121 S122 S123, ISC S124 S125 S126, ISC S127 S128 S129, ISC S130 S131 S132, ISC S133 S134 S135, ISC S136 S137 S138, ISC S139 S140 S141, ISC S142 S143 S144, ISC S145 S146 S147, ISC S148 S149 S150, ISC S151 S152 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S1958, ISC S1959 S1960 S1961, ISC S1962 S1963 S1964, ISC S1965 S1966 S1967, ISC S1968 S1969 S1970, ISC S1971 S1972 S1973, ISC S1974 S1975 S1976, ISC S1977 S1978 S1979, ISC S1980 S1981 S1982, ISC S1983 S1984 S1985, ISC S1986 S1987 S1988, ISC S1989 S1990 S1991, ISC S1992 S1993 S1994, ISC S1995 S1996 S1997, ISC S1998 S1999 S2000, ISC S2001 S2002 S2003, ISC S2004 S2005 S2006, ISC S2007 S2008 S2009, ISC S2010 S2011 S2012, ISC S2013 S2014 S2015, ISC S2016 S2017 S2018, ISC S2019 S2020 S2021, ISC S2022 S2023 S2024, ISC S2025 S2026 S2027, ISC S2028 S2029 S2030, ISC S2031 S2032 S2033, ISC S2034 S2035 S2036, ISC S2037 S2038 S2039, ISC S2040 S2041 S2042, ISC S2043 S2044 S2045, ISC S2046 S2047 S2048, ISC S2049 S2050 S2051, ISC S2052 S2053 S2054, ISC S2055 S2056 S2057, ISC S2058 S2059 S2060, ISC S2061 S2062 S2063, ISC S2064 S2065 S2066, ISC S2067 S2068 S2069, ISC S2070 S2071 S2072, ISC S2073 S2074 S2075, ISC S2076 S2077 S2078, ISC S2079 S2080 S2081, ISC S2082 S2083 S2084, ISC S2085 S2086 S2087, ISC S2088 S2089 S2090, ISC S2091 S2092 S2093, ISC S2094 S2095 S2096, ISC S2097 S2098 S2099, ISC S2100 S2101 S2102, ISC S2103 S2104 S2105, ISC S2106 S2107 S2108, ISC S2109 S2110 S2111, ISC S2112 S2113 S2114, ISC S2115 S2116 S2117, ISC S2118 S2119 S2120, ISC S2121 S2122 S2123, ISC S2124 S2125 S2126, ISC S2127 S2128 S2129, ISC S2130 S2131 S2132, ISC S2133 S2134 S2135, ISC S2136 S2137 S2138, ISC S2139 S2140 S2141, ISC S2142 S2143 S2144, ISC S2145 S2146 S2147, ISC S2148 S2149 S2150, ISC S2151 S2152 S2153, ISC S2154 S2155 S2156, ISC S2157 S2158 S2159, ISC S2160 S2161 S216

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like NIL, SHLS, UZB, MK31, MKAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like HDA, IL31, ILAR, ILAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like LFRS, LFRS, LFRS, etc.

IDC 17 02:29:47.3:0.6, 39.64N:143.23E, h0km, mb4.5/34, mb1.4/6/42, mb1mx4.5/53, mbtmp4.5/42, ML3.4/8, Error ellipse: s-maj=13.7km s-min=11.3km az=132.0

MOS 17 02:29:50.7:1.0, 39.73N:143.12E, h32km, mb5.0/64 Error ellipse: s-maj=6.3km s-min=3.9km az=112.6

BGR 17 02:29:52.0:0.0, 39.64N:144.35E, h33km, mb5.2, Ms4.8 NEIC 17 02:29:52.1:0.9, 39.66N:145.142E, h0.9, mb5.5km, mb4.8/83, Error ellipse: s-maj=9.7km s-min=6.9km az=106.0

ISC 17 02:29:50.9:0.6, 39.65N:143.30E, h24km, mb4.5/10, h27km, mb4.5/10, h24.0, r194543, mb4.9/162, MS4.5/10, 26C-26D, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like JTH, JTH, JTH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like JTH, JTH, JTH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like JTH, JTH, JTH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like JTH, JTH, JTH, etc.

INET 17 02:19:08.4, 12.44N:87.75W, h20km, MW3.4

SNET 17 02:19:10.2:1.0, 12.56N:87.84W, h57km, 14km, ML3.6,

Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like CNCH, CNCH, CNCH, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ARU, KNRA, MDSI, EUNU, AB31, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NACGM, NACGM, NACGM, NACGM, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CKRC, KHC, KHC, KHC, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Palmer Station, Belgrano 2, N'azarevskaya, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Santa Maria do, Vilhena, Pedro Velho, etc.

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

Table with columns: Station Name, Az, Phase, ISC, Time, Res, ISC. Includes stations like Te Kaha, Puketiti, Raukumara Rang, etc.

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, ISC. Includes stations like Tanohata, Miyakonagasawa, Kujidanarisaw, etc.

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, ISC. Includes stations like Akkeshi, Shiba, Sado, etc.

IDC 17 04:38:36.9, 1.2, 39.94N, 143.29E, h0km, mb4.0/12, mb1.4/1.3, mb1mx3.8/5.4, mbtm4.0/13, ML2.9/1, Error ellipse: s-maj=34.5km s-min=20.0km az=86.0

JMA 17 04:38:38.7, 0.2, 39.94N, 143.22E, h18km, km3, M4.0, NEIC 17 04:38:41.7, 1.8, 39.74N, 143.34E, 0.09, h39km, 5km, mb4.1/1.0, Error ellipse: s-maj=11.6km s-min=8.0km az=130.0

ISIC 17 04:38:37.4, 2.0, 39.90N, 143.25E, 0.07, h3km, 11km, n63, r150/67, mb4.0/17, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, ISC. Includes stations like Tanohata, Miyakonagasawa, Kujidanarisaw, etc.

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, ISC. Includes stations like Tanohata, Miyakonagasawa, Kujidanarisaw, etc.

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, ISC. Includes stations like Akkeshi, Shiba, Sado, etc.

UGL	comp=N,5um,14.0s	MLR	MLR						
JMN	Monobe	9.12 228	Pn	Pn	04 48 47.7 -0.2				
MDJ	Mudanjiang	10.28 300	Pn	Pn	04 49 03.2 +0.5				
KSRJ	Korea Array	11.35 261	Pn	Pn	04 49 20.3 +2.0				
KSR5	comp=N,2.9nm,0.3s,baz=65,slow=14,SNR=71	S	Sn	Sn	04 51 26.4 +2.8				
KSR5	baz=132,slow=36,SNR=1.3	LR	LR	LR	04 53 28.9				
KSR5	comp=N,1um,20.6s,baz=72,slow=36	PcP	PcP	PcP	04 55 09.9 +0.8				
JNU	Nakatsue	11.35 236	P	Pn	04 49 20.5 +2.0				
JNU	comp=N,3.7nm,0.3s,baz=87,slow=4.2,SNR=8.2	LR	LR	LR	04 54 09.4				
JNU	comp=N,858nm,19.4s,baz=44,slow=40	SSE	SSE	SSE	04 49 18.0 -0.5				
JNU	Nakatsue	11.35 236	Pn	Pn	04 49 18.0 -0.6				
KSAF	Wonju Array Be	11.38 261	P	Pn	04 49 18.1 -0.6				
KSAF	Wonju Array Be	11.38 261	Pn	Pn	04 49 20.0 +1.1				
GRNR	Gornyy	11.39 342	P	Sn	04 51 27.9 +3.3				
GRNR	comp=N,60nm,0.9s	pmax	pmax						
GRNR	comp=E,40nm,0.9s	pmax	pmax						
GRNR	comp=Z,70nm,0.9s	smax	smax						
GRNR	comp=N,20nm,0.7s	MLR	MLR						
GRNR	comp=E,1um,18.0s	MLR	MLR						
GRNR	comp=N,2um,15.0s	MLR	MLR						
KLR	Kul'dur	11.71 325	P	Pn	04 49 24.2 +0.9				
KLR	comp=Z,0.6nm,0.3s,baz=132,slow=12,SNR=82	LR	LR	LR	04 53 49.5				
INCN	Inchon	12.32 263	P	Pn	04 49 30.9 -0.8				
INCN	Inchon	12.32 263	Pn	Pn	04 49 30.9 -0.8				
JSU	Suzuyama	12.72 231	Pn	Pn	04 49 36.7 -0.4				
CN2	Changchun	12.91 292	eP	Pn	04 49 40.5 +0.8				
CN2			eS	Sn	04 49 58.9				
CN2			pmax	pmax	04 52 02.1 +0.3				
CN2	comp=Z,40nm,1.2s	pmax	pmax						
CN2	comp=Z,620nm,3.0s	LR	LR	LR					
CN2	comp=Z,2um,14.0s	LR	LR	LR					
CN2	comp=Z,4um,14.0s	LR	LR	LR					
CN2	comp=Z,4um,17.0s	P	Pn	04 49 37.9 -2.5					
JCJ	Chichijima	12.96 180	P	Sn	04 51 50.3 -1.3				
JCJ	comp=Z,51nm,0.3s,baz=287,slow=23,SNR=18	S	Sn	Sn	04 49 37.7 -2.7				
JCJ	comp=Z,20nm,0.3s,baz=245,slow=23,SNR=2.5	S	Pn	Pn	04 49 40.5 +0.8				
NKL	Nikolayevsk	13.10 356	eP	Sn	04 51 57.2 -9.1				
NKL	comp=N,14nm,0.7s	pmax	pmax						
NKL	comp=E,80nm,0.7s	pmax	pmax						
NKL	comp=Z,395nm,1.1s	smax	smax						
NKL	comp=E,86nm,1.6s	smax	smax						
NKL	comp=N,636nm,2.5s	MLR	MLR						
NKL	comp=E,1um,16.0s	MLR	MLR						
NKL	comp=N,2um,22.0s	MLR	MLR						
NKL	comp=Z,1um,15.0s	MLR	MLR						
OKH	Okha	13.48	2deP	Pn	04 49 47.0 -0.4				
OKH			iS	Sn	04 52 23.4 +7.8				
OKH	comp=Z,300nm,10.3s	smax	smax						
OKH	comp=E,300nm,13.5s	MLR	MLR						
OKH	comp=Z,4um,21.0s	MLR	MLR						
OKH	comp=N,6um,19.0s	MLR	MLR						
SNY	Shenyang	14.08 283	P	Pn	04 49 57.8 +2.2				
SNY			pP	Pn	04 50 08.6 +6.6				
SNY			S	Sn	04 52 33.1 +2.9				
SNY	comp=E,54nm,1.3s	pmax	pmax						
SNY	comp=E,830nm,3.5s	LR	LR	LR					
SNY	comp=E,950nm,15.7s	LR	LR	LR					
SNY	comp=E,3um,17.4s	LR	LR	LR					
SNY	comp=E,5um,19.0s	LR	LR	LR					
SKR	Severo-Kuril's	14.46 38	eP	Pn	04 50 02.0 +1.4				
SKR			eS	Sn	04 52 44.4 +5.0				
SKR	comp=Z,300nm,3.1s	pmax	pmax						
SKR	comp=Z,168nm,0.9s	pmax	pmax						
SKR	comp=Z,900nm,3.7s	MLR	MLR						
SKR	comp=Z,2um,15.0s	MLR	MLR						
DL2	Dalian	15.82 272	P	Pn	04 50 18.8 +0.5				
DL2			eP	Pn	04 50 29.9 -3.0				
DL2			S	Sn	04 53 16.9 +4.4				
DL2			sS	Sn	04 53 28.1 +3.3				
DL2			ScS	Sn	05 02 14.1 -9.3				
DL2	comp=Z,250nm,0.9s	pmax	pmax						
DL2	comp=Z,660nm,4.1s	LR	LR	LR					
DL2	comp=Z,1um,19.6s	LR	LR	LR					
DL2	comp=Z,2um,19.4s	LR	LR	LR					
DL2	comp=Z,3um,27.4s	P	Pn	04 50 27.2 -3.8					
PEAOB	Petropavlovsk-	16.84 34	P	Pn	04 50 27.2 -3.8				
PEAOB	Petropavlovsk-	16.84 34	P	Pn	04 50 26.8 -4.3				
PETK	comp=Z,1.4nm,0.3s,baz=205,slow=6.6,SNR=30	PcP	PcP	PcP	04 55 17.1 +1.0				
PETK	comp=Z,0.4nm,0.3s,baz=122,slow=1.1,SNR=3.8	LR	LR	LR	04 57 22.7				
PETK	comp=Z,2um,18.5s,baz=222,slow=36	P	Pn	04 50 26.9 -4.1					
PETK	Petropavlovsk-	16.84 34	P	Pn	04 50 26.9 -4.1				
ZEA	Zeya	16.95 329	eP	Pn	04 50 30.9 -1.5				
ZEA	comp=E,130nm,0.9s	pmax	pmax						
ZEA	comp=N,240nm,0.8s	pmax	pmax						
ZEA	comp=Z,360nm,0.8s	pmax	pmax						
ZEA	comp=E,400nm,3.1s	pmax	pmax						
ZEA	comp=N,500nm,3.3s	pmax	pmax						
ZEA	comp=Z,600nm,3.8s	MLR	MLR						
ZEA	comp=N,2um,14.0s	MLR	MLR						
ZEA	comp=E,2um,14.0s	MLR	MLR						
PET	Petropavlovsk	17.20 36	eP	Pn	04 50 33.9 -1.6				
PET			eS	Sn	04 53 42.2 -3.5				
PET	comp=Z,119nm,1.0s	pmax	pmax						

PET	comp=Z,4um,19.0s	MLR	MLR						
PET	comp=Z,4um,19.0s	MLR	MLR						
PET	Petrovavlovsk	17.20 36	P	Pn	04 50 35.7 +0.2				
JOW	Kunigami	17.49 225	P	Pn	04 51 30.8 -1.3				
HIA	Hailar	18.28 308	P	P	04 50 46.5 -2.0				
HIA			pmax	pmax	04 50 57.1 -1.2				
HIA	comp=Z,119nm,1.0s	18.28 308	P	P	04 50 46.5 -2.0				
HIA	Sheshan	19.16 249	P	P	04 50 57.6 -0.7				
SSE			pmax	pmax	04 51 03.3 -1.8				
SSE	comp=Z,120nm,0.9s	pmax	pmax						
SSE	comp=Z,150nm,3.9s	pmax	pmax						
SSE	comp=Z,460nm,11.0s	19.16 249	P	P	04 51 03.3 -1.8				
SSE	Sheshan	19.16 249	P	P	04 51 03.3 -1.8				
BJI	Beijing	19.80 276	eP	pP	04 54 40.4 -4.9				
BJI			sP	sS	04 54 58.6 -5.2				
BJI	comp=Z,50nm,0.9s	LR	LR	LR					
BJI	comp=Z,1um,16.4s	LR	LR	LR					
BJI	comp=Z,1um,24.3s	LR	LR	LR					
BJT	comp=Z,2um,27.5s	19.80 276	P	P	04 51 03.9 -1.3				
BJT	Baijiatuau	19.80 276	P	P	04 51 03.9 -1.3				
BJT	comp=Z,88nm,0.9s	19.80 276	P	P	04 51 03.9 -1.3				
BJT	Baijiatuau	19.80 276	P	P	04 51 06.3 -0.7				
TIA	Tai'an	19.97 267	sP	sP	04 51 27.5 +2.3				
TIA			S	SnSn	04 54 39.9 -9.0				
TIA			pmax	pmax	04 55 16.4 +8.8				
TIA	comp=Z,97nm,1.2s	LR	LR	LR					
TIA	comp=Z,2um,11.4s	LR	LR	LR					
TIA	comp=Z,2um,14.2s	LR	LR	LR					
TIA	comp=Z,2um,19.9s	20.27 13	P	P	04 51 08.6 -1.5				
MA2	Magadan	20.27 13	P	P	04 51 09.1 -1.0				
MA2	Magadan	20.27 13	P	P	04 51 09.1 -1.0				
MA2	comp=Z,356nm,0.6s	MLR	MLR	MLR					
MA2	comp=Z,2um,20.0s	20.27 13	P	P	04 51 09.1 -1.0				
MA2	Magadan	20.27 13	P	P	04 51 11.9				
MA2	comp=Z,356nm,0.6s	20.36 254	eP	Pn	04 51 09.0 -2.3				
NJ2	Nanjing	20.36 254	pp	Pn	04 51 18.3 +4.6				
NJ2			pp	sP	04 51 27.9 -1.5				
NJ2			S	S	04 54 49.3 -7.3				
NJ2			S	Sn	04 55 06.8 +4.5				
NJ2			SS	SnSn	04 55 16.8 -0.4				
NJ2	comp=Z,390nm,0.8s	pmax	pmax						
NJ2	comp=Z,770nm,4.2s	LR	LR	LR					
NJ2	comp=Z,2um,18.0s	LR	LR	LR					
NJ2	comp=Z,2um,17.1s	LR	LR	LR					
YOJ	comp=Z,2um,20.6s	22.33 232	P	P	04 51 32.2 -0.3				
YOJ	Yonaguni jima	22.33 232	P	P	04 51 32.2 -0.3				
YOJ	comp=Z,103nm,1.1s	MLR	MLR	MLR					
YOJ	comp=Z,2um,20.0s	22.33 232	P	P	04 51 32.2 -0.3				
YOJ	Yonaguni jima	22.33 232	P	P	04 51 32.2 -0.3				
TATO	Taipei	22.89 235	IAMS_20	IAMS_20	05 01 38.5				
CIT	Chita	22.94 311	eP	P	04 51 35.4 -3.4				
CIT			e		04 51 49.4				
CIT			eS	S	04 52 05.8				
CIT			pmax	pmax	04 55 42.6 -2.5				
TIY	Taiyuan	23.13 274	eP	P	04 51 38.1 -2.8				
TIY			pP	pP	04 51 48.0 -4.9				
TIY			S	sP	04 51 55.8 -3.4				
TIY			sS	Sn	04 55 47.8 -0.7				
TIY			pmax	pmax	04 56 05.1 -3.5				
TIY	comp=Z,67nm,1.0s	pmax	pmax						
TIY	comp=Z,260nm,5.6s	LR	LR	LR					
TIY	comp=Z,740nm,11.7s	LR	LR	LR					
TIY	comp=Z,900nm,13.2s	LR	LR	LR					
TIY	comp=Z,2um,28.5s	23.16 282	eP	P	04 51 39.8 -1.4				
HHC	Hu-hao-te	23.16 282	PP	PnPn	04 52 10.8 +2.7				
HHC			PM	PM	04 55 45.8 -3.2				
HHC	comp=Z,99nm,1.2s	pmax	pmax						
HHC	comp=Z,380nm,7.4s	LR	LR	LR					
HHC	comp=Z,710nm,17.5s	LR	LR	LR					
HHC	comp=Z,3um,17.3s	LR	LR	LR					
HHC	comp=Z,4um,15.3s	23.18 235	P	P	04 51 38.7 -2.8				
YHNB	Yeheng	23.18 235	P	P	04 51 38.7 -2.8				
YAK	Yakutsk	23.23 345	P	P	04 51				

TIXI	Tiksi	32.33 352	I	Amb	P	04 53 02.3	-0.6
TIXI						04 53 05.7	
GYA	Guiyang	32.34 256	I	P	P	04 53 03.3	-0.4
GYA						04 53 14.6	-2.2
GYA						04 53 19.5	-3.3
GYA						04 58 10.0	-4.2
GYA						05 03 25.8	-3.7
GYA	comp=Z,130nm,0.6s		LR	LR			
GYA	comp=Z,2µm,18.9s		LR	LR			
GYA	comp=Z,950nm,21.4s		LR	LR			
GYA	comp=Z,960nm,19.8s		LR	LR			
QIZ	Qiongzong	34.72 242	P	P	P	04 53 25.3	+1.0
QIZ						04 54 42.6	-1.1
QIZ						04 58 52.3	+1.3
QIZ						05 03 41.8	0.0
QIZ	comp=Z,25nm,1.4s		LR	LR			
QIZ	comp=Z,680nm,20.4s		LR	LR			
QIZ	comp=Z,790nm,19.8s		LR	LR			
QIZ	comp=Z,630nm,13.9s		LR	LR			
GAMB	Qiongzong	34.72 242	P	P	P	04 53 24.0	-0.3
GAMB						04 53 34.6	+1.0
GAMB						04 53 35.3	-0.3
KMI	Kunming	36.02 258	I	P	P	04 53 52.0	-2.8
KMI						04 54 58.0	-1.1
KMI						04 59 10.6	-0.6
KMI						04 59 29.8	-3.4
KMI	comp=Z,49nm,0.8s		pmx	pmx			
KMI	comp=Z,350nm,3.9s		pmx	pmx			
KMI	comp=Z,1µm,18.0s		LR	LR			
KMI	comp=Z,1µm,18.5s		LR	LR			
KMI	comp=Z,1µm,25.5s		LR	LR			
KMI	comp=Z,1µm,25.5s	36.02 258	P	pmx	P	04 53 35.0	-0.7
KMI	comp=Z,101nm,1.2s		pmx	pmx			
KMI	comp=Z,1µm,22.0s		MLR	MLR			
KMI	comp=Z,1µm,22.0s	36.02 258	P	I	Amb	04 53 35.0	-0.7
KMI						04 53 38.0	
SLVN	Son La	37.40 252	P	I	Amb	04 53 46.9	-0.4
SLVN						04 53 49.0	
TNA	Tin City	37.97 31	P	P	P	04 53 53.0	+1.5
TNA	baz=253,SNR=47						
TNA	Tin City	37.97 31	P	I	Amb	04 53 52.3	+0.8
TNA						04 53 54.3	
ANM	Nome	38.75 33	P	pmx	P	04 53 59.0	+0.9
ANM	comp=Z,182nm,0.9s		pmx	pmx			
ANM	comp=Z,700nm,21.0s		MLR	MLR			
ANM	Nome	38.75 33	P	I	Amb	04 53 59.0	+0.9
ANM						04 54 01.4	
WMQ	Urumqi	39.99 294	eP	P	P	04 54 09.3	+0.5
WMQ						04 54 17.9	-4.2
WMQ						04 54 26.8	-1.2
WMQ						04 56 14.3	+1.2
WMQ						05 00 11.1	+0.3
WMQ						05 03 04.0	-4.9
WMQ	comp=Z,350nm,0.7s		pmx	pmx			
WMQ	comp=Z,660nm,3.7s		LR	LR			
WMQ	comp=Z,1µm,16.5s		LR	LR			
WMQ	comp=Z,440nm,13.9s		LR	LR			
WMQ	comp=Z,710nm,29.5s		pmx	pmx			
WMQ	Urumqi	39.99 294	P	pmx	P	04 54 08.5	-0.3
WMQ							
WMQ	comp=Z,240nm,0.7s		pmx	pmx			
WMQ	Urumqi	39.99 294	P	P	P	04 54 08.4	-0.3
WMQ	Nongkai	40.04 248	P	P	P	04 54 09.9	+0.6
NONG							
LKP	Lekhapani	40.07 266	I	P	P	04 54 09.7	+0.2
ZAAO	Zalesovo Array	40.29 310	P	I	Amb	04 54 10.8	-0.2
ZAAO						04 54 12.2	
ZAAO	comp=Z,125nm,0.8s		IAMS_20	IAMS_20		05 11 23.8	
ZALV	Zalesovo Beam	40.29 310	P	P	P	04 54 10.9	-0.1
ZALV	comp=Z,64nm,0.5s, baz=86, slow=7.8, SNR=386		PcP	PcP		04 56 13.6	-0.1
ZALV	comp=Z,35nm,0.4s, baz=98, slow=3.1, SNR=16		ScP	ScP		04 59 57.9	-0.8
ZALV	comp=Z,5.1nm,0.9s, baz=107, slow=5.1, SNR=4.9		LR	LR		05 11 43.9	
ZALV	comp=Z,2µm,18.9s, baz=80, slow=37		P	P	P	04 54 10.5	-0.5
ZALV	Zalesovo Beam	40.29 310	P	ScP	P	04 59 58.0	-0.7
ZALV						04 54 14.0	+0.8
RDOG	Red Dog Mine	40.57 28	P	IAMS_20	IAMS_20	05 10 56.6	
MYLDM	Yah Datu	40.72 218	P	I	Amb	04 54 14.7	-0.2
MYLDM						04 54 25.8	
DIBR	DIBRUGARH	40.72 267	I	P	P	04 54 15.9	+1.1
NRIK	Noril'sk	40.74 334	P	P	P	04 54 14.2	-0.3
NRIK	comp=Z,42nm,0.5s, baz=111, slow=9.3, SNR=48		LR	LR		05 12 01.9	
NRIK	Noril'sk	40.74 334	P	P	P	04 54 14.2	-0.3
NRIK	T Lat	40.76 236	I	I	Amb	04 54 14.7	-0.8
NRIK						04 54 17.1	
CNBA	Chernabura Isl	40.88 49	P	I	Amb	04 54 16.0	+0.1
CNBA						04 54 17.8	
KKM	Kota Kinabalu	41.08 221	P	P	P	04 54 17.4	-0.6
ZSN	Zaisan	41.13 300	I	P	P	04 54 19.0	+0.8
ZSN	comp=Z,102nm,1.0s, baz=300		eS	S		05 00 27.9	+0.3
ZSN	Zaisan	41.13 300	eP	S	P	04 54 18.9	+0.8
ZSN						05 00 27.9	+0.3
ZSN							
TNTI	Ternate	41.35 203	P	P	P	04 54 20.0	-0.1
JORH	JORHAT	41.59 266	eP	P	P	04 54 23.0	+0.9
MOKO	MOKOCHONG	41.61 266	I	I	Amb	04 54 22.9	+0.5
MOKO						04 54 25.5	
SWI	Sorong	41.93 196	P	P	P	04 54 26.6	+1.8
MANU	Manus Island	42.20 172	P	P	P	04 54 27.0	-0.1
CHAI	Chaiyaphum	42.31 247	P	P	P	04 54 27.8	-0.2
GENI	Genyem	42.51 183	P	P	P	04 54 32.1	+2.6
LSA	Lhasa	42.52 272	P	P	P	04 54 30.9	+0.8
LSA							
LSA	comp=Z,280nm,0.9s		LR	LR			
LSA	comp=Z,1µm,16.4s		LR	LR			
LSA	comp=Z,1µm,13.5s		LR	LR			
LSA	comp=Z,1µm,13.5s	42.52 272	P	P	P	04 54 30.6	+0.5
LSA	Lhasa	42.52 272	P	pmx	pmx	04 54 28.9	-1.2
LSA							
LSA	comp=Z,76nm,0.9s		MLR	MLR			
LSA	comp=Z,1µm,19.0s		IAMS_20	IAMS_20		04 54 28.9	-1.2
LSA	Lhasa	42.52 272	P	IAMS_20	IAMS_20	05 13 04.2	
CMMT	Chiang Mai	42.60 253	P	P	P	04 54 29.6	-0.7

CHTO	Chiang Mai	42.60 253	P	P	pmx	04 54 29.9	-0.5	
CHTO								
CHTO	comp=Z,83nm,0.9s		MLR	MLR				
CHTO	Chiang Mai	42.60 253	P	I	Amb	04 54 29.9	-0.5	
CHTO						04 54 31.9		
CHTO	comp=Z,83nm,0.9s		P	S		04 54 30.5	+0.2	
CHTO	Chiang Mai	42.60 253	P	S		05 00 48.0	-1.7	
KMSI	Cibinong	42.63 207	P	P	P	04 54 39.5	+8.9	
TTA	Tatalina	42.65 37	P	P	pmx	04 54 31.1	+0.8	
TTA								
TTA	Tatalina	42.65 37	P	P	P	04 54 31.1	+0.8	
TEZP	TEZPUR	42.77 267	I	P	I	04 54 31.3	-0.4	
TEZP						04 54 33.0		
SVWZ	Sparvevohn	42.82 39	P	I	Amb	04 54 32.4	+0.8	
SVWZ						04 54 35.0		
CM31	Chiang Mai Arr	42.83 253	P	P	P	04 54 31.7	-0.5	
CMAR	Chiang Mai Arr	42.83 253	P	P	P	04 54 32.9	+0.7	
CMAR	comp=Z,3.7nm,0.8s, baz=103, slow=14, SNR=5.5		PcP	PcP		04 56 23.1	+0.4	
CMAR	comp=Z,9.8nm,0.7s, baz=15, slow=2.9, SNR=4.9		ScP	ScP		05 00 09.9	+0.5	
CMAR	comp=Z,3.0nm,0.5s, baz=27, slow=3.3, SNR=7.1		LR	LR		05 12 57.2		
CMAR	Chiang Mai Arr	42.83 253	P	P	P	04 54 31.4	-0.7	
CMAR						04 56 22.3	-0.4	
CMAR	Imphal	42.84 264	I	P	P	04 54 32.1	-0.1	
CM01	Chiang Mai Arr	42.84 253	P	P	P	04 54 32.1	-0.1	
CM01								
CM15	Chiang Mai Arr	42.84 253	P	P	P	04 54 33.3	+1.0	
CM05	Chiang Mai Arr	42.86 253	P	P	P	04 54 33.0	+0.6	
GTOI	Gorontalo	42.93 209	P	P	P	04 54 33.1	+0.2	
GTOI								
SUKH	Sukhothai	42.95 251	P	P	P	04 54 33.9	+0.8	
SUKH	comp=Z,631nm,comp=Z,57nm,1.2s		P	P	P			
MK31	Makanchi Array	42.99 299	I	P	pmx	04 54 33.4	+0.1	
MK31								
MK31	Makanchi Array	42.99 299	P	I	Amb	04 54 33.1	-0.1	
MK31						04 54 34.6		
MKAR	Makanchi Array	42.99 299	P	P	P	04 54 33.4	+0.2	
MKAR	comp=Z,168nm,0.9s, baz=84, slow=8.6, SNR=701		PcP	PcP		04 56 22.8	0.0	
MKAR	comp=Z,15nm,0.7s, baz=52, slow=2.4, SNR=2.4		LR	LR		05 13 18.3		
MKAR	comp=Z,2µm,19.2s, baz=72, slow=37		LR	LR		04 54 33.2	-0.1	
MKAR	Makanchi Array	42.99 299	P	P	P	04 54 35.0	+0.1	
MAKZ	Makanchi	43.20 300	P	P	pmx	04 54 35.0	+0.1	
MAKZ								
MAKZ	comp=Z,175nm,1.0s		MLR	MLR				
MAKZ								
MAKZ	comp=Z,2µm,19.0s		IAMS_20	IAMS_20		05 13 14.4		
MAKZ	Makanchi	43.20 300	P	I	Amb	04 54 35.0	+0.1	
MAKZ						04 54 37.4		
MAKZ	comp=Z,175nm,0.9s		MLR	MLR				
MAKZ								
TOL2	Tolitoli	43.35 212	P	P	P	04 54 34.0	-2.4	
A21K	Barrow	43.47 24	P	P	P	04 54 37.4	+0.7	
A21K	comp=Z,2µm,19.0s		I	Amb	I	Amb	04 54 37.2	+0.6
A21K	Barrow	43.47 24	P	I	Amb	04 54 43.8		
MRSI	Marisa	43.47 210	P	P	P	04 54 38.4	+1.1	
MRSI	comp=Z,2µm,comp=Z,236nm,1.1s		P	P	P			
SEM	Semipalatinsk	43.55 305	I	P	P	04 54 37.4	-0.5	
SEM	comp=Z,103nm,1.1s, baz=305		eS	S		05 01 02.2	-1.2	
SEM	baz=305		eS	S		04 54 37.4	-0.5	
SEM	Semipalatinsk	43.55 305	eP	S	pmx	05 01 02.2	-1.2	
SEM								
SRAK	Strakaw	43.56 245	P	P	P	04 54 35.6	-2.5	
FAKI	Fak Fak	43.73 194	I	I	Amb	04 54 39.4	-0.1	
FAKI						04 54 42.5		
FAKI	comp=Z,118nm,1.1s		P	P	P	04 54 41.6	+2.2	
FAKI	Fak Fak	43.73 194	P	P	P	04 54 40.8	-1.1	
SILCHAP	Silchhap	43.74 265	eP	P	P	04 54 40.9	+1.4	
IMHR	Imaessing	43.74 265	P	P	P	04 54 39.5	-0.1	
IMHR	comp=Z,2µm,comp=Z,225nm,0.9s		P	P	P			
IMAR	Indian Mountain	43.79 32	P	P	P	04 54 40.3	+1.0	
SHL	Shillong	44.02 267	P	P	pmx	04 54 40.8	-1.1	
SHL								
SHL	Shillong	44.02 267	I	P	I	04 54 41.0	-1.0	
SHL						04 54 45.0		
SHL	comp=Z,47nm,0.4s		I	Amb	I	Amb	04 54 40.8	-1.1
SHL	Shillong	44.02 267	P	I	Amb	04 54 46.2		
SHL						04 54 41.6	-0.3	
SHL	Shillong	44.02 267						

17d 4h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like PKIN Phulchoki, SCRK Sand Creek, DOT Dot Lake, KSM Kuching, etc.

2015 FEB

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like DZA DZA, MMRI Maumere, HNR Honiara, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like HYB Hyderabad, HYB Lovozero, HYB Lovozero, etc.

GOA	Goa	63.61 268	i P	P	04 57 04.7 -0.2
GOA			I Amb	I Amb	04 57 06.4
AS31	Alice Springs	63.87 188	P	P	04 57 06.3 -0.1
ASAR	Alice Springs	63.88 188	P	P	04 57 06.3 -0.1
ASAR	comp=Z,22nm,0.8s,baz=12,slow=11,SNR=148		LR	LR	05 24 47.1
ASAR	comp=Z,507nm,21.9s,baz=18.0,slow=36		PKP	PKP	05 25 58.0 +4.0
ASAR	comp=Z,2.4nm,1.1s,baz=197,slow=2.6,SNR=7.5		PKP2bc		05 26 06.2
ASAR	comp=Z,3.7nm,0.8s,baz=158,slow=1.8,SNR=17				04 57 06.1 -0.3
ASAR	Alice Springs	63.88 188	P	P	04 57 07.3 +1.0
PGC	Sidney	63.88 47	I AMs_20	I AMs_20	05 20 49.0
PGC					
A04D	Lummi Island	64.26 47	P	P	04 57 10.6 +1.8
NLWA	Neilton Lookou	64.31 49	P	P	04 57 10.0 +0.9
NLWA			I Amb	I Amb	04 57 12.5
D03D	Eldon	64.68 48	P	P	04 57 13.7 +2.1
PSA00	Pilbara Seismi	64.74 203	P	P	04 57 11.7 -0.4
PSA00			I Amb	I Amb	04 57 13.6
PSAB1	Pilbara Seismi	64.75 203	I AMs_20	I AMs_20	05 22 01.3
PSAD2	Pilbara Seismi	64.75 203	I AMs_20	I AMs_20	05 27 43.4
B05A	Bryant	64.85 47	P	P	04 57 14.2 +1.6
KULLO	Kullorsuaq	64.90 61	i P	P	04 57 12.7 +0.2
KULLO	Kullorsuaq	64.90 61	i P	P	04 57 12.7 +0.2
KULLO	comp=Z,93nm,0.8s				
KULLO	Kullorsuaq	64.90 61	i P	I Amb	04 57 12.8 +0.2
KULLO					04 57 13.1
E03A	Lebam	64.93 49	P	P	04 57 14.1 +1.0
E03A			I Amb	I Amb	04 57 16.4
N2IH	Innhavet	64.96 340	P	P	04 57 12.9 0.0
D04E	Lakebay	65.05 49	P	P	04 57 16.5 +2.6
B06A	Marblemount	65.06 47	P	P	04 57 14.8 +0.8
B06A			I Amb	I Amb	04 57 15.7
MOS	Moscow	65.12 323	e P	P	04 57 11.4 -2.8
MOS			e		04 57 28.5
MOS			e		05 06 11.8
MOS	comp=Z,369nm,1.4s				
MOS					
MOS	comp=Z,700nm,1.7s				
STEI	Steigen	65.16 341	e P	P	04 57 14.6 +0.3
DBG	Daneborg	65.28 355	i P	P	04 57 15.0 0.0
DBG			I Amb	I Amb	04 57 15.4
LOF	Lofoten	65.44 341	e P	P	04 57 15.8 -0.3
D05A	Enunclaw	65.49 48	e P	P	04 57 17.6 +0.8
D05A			I Amb	I Amb	04 57 19.7
N2ST	Strumeine	65.50 340	e P	P	04 57 16.7 +0.2
F04D	Rainier, OR	65.50 50	P	P	04 57 18.4 +1.6
E04D	Cinebar	65.50 49	P	P	04 57 19.1 +2.2
FAUS	Fauske	65.56 340	e P	P	04 57 17.1 +0.3
TRD	Trivandum	65.56 260	e P	P	04 57 17.4 -0.3
EIDS	Eidsvoll	65.66 171	e P	P	04 57 18.6 +0.7
VRH	Novokhoporsk	65.67 317	e P	P	04 57 17.2 -0.7
VRH					
VRH	comp=Z,210nm,0.6s				
C06D	Leavenworth	65.71 47	P	P	04 57 19.7 +1.4
NBB08	Skaug oppvekst	65.72 340	e P	P	04 57 18.7 +0.8
G03D	McMinville, O	65.83 51	P	P	04 57 20.9 +1.9
PUL	Pulkovo	65.83 329	e P	P	04 57 19.2 +0.5
PUL					
YON	Longmire	65.84 49	P	P	04 57 20.0 +0.9
LOL					
LOL	comp=Z,27nm,16.0s				
NOUC	Port Laguerre	65.87 155	P	P	04 57 19.4 +0.1
DZM	Mont Dzumac	65.89 155	e P	P	04 57 22.4 +2.8
DZM	comp=Z,136nm,1.4s				
DZM	Mont Dzumac	65.89 155	e LR	LR	05 17 07.7
DZM	Mont Dzumac	65.89 155	P	P	04 57 20.4 +0.9
DZM			I Amb	I Amb	04 57 35.9
NBB28	Valner	65.91 340	e P	P	04 57 19.5 +0.3
OBN	Obninsk	65.97 323	e P	P	04 57 19.5 -0.1
OBN					04 57 54.1
OBN					04 59 50.3
OBN	comp=Z,362nm,1.3s				
OBN					
OBN	comp=Z,2um,16.0s				
OBN	Obninsk	65.97 323	P	P	04 57 19.6 -0.1
N2VA	Vr, y	66.00 341	e P	P	04 57 19.9 +0.0
I02D	Swisschsee	66.06 52	P	P	04 57 22.8 +2.2
NBB05	Inndyr	66.14 340	e P	P	04 57 21.1 +0.5
COR	Corvallis	66.15 51	P	P	04 57 21.9 +0.8
COR					
COR	comp=Z,141nm,1.2s				
COR	Corvallis	66.15 51	P	I Amb	04 57 21.9 +0.8
COR					04 57 24.7
LTY	Liberty	66.21 48	P	P	04 57 22.2 +0.7
NBB30	Finnes	66.27 340	e P	P	04 57 21.7 +0.3
LPSR	Galich'ya Gora	66.30 320	e P	P	04 57 21.5 -0.4
LPSR					
LPSR	comp=Z,320nm,0.8s				
LPSR					
LPSR	comp=Z,2um,24.0s				
B08A	Colville Reser	66.34 46	P	P	04 57 23.2 +0.9
FIA1	FINESS Array S	66.36 332	P	P	04 57 22.4 +0.3
FINES	FINESS Array B	66.36 332	P	P	04 57 22.0 -0.1
FINES	comp=Z,180nm,0.7s,baz=43,slow=8.0,SNR=284				
FINES	comp=Z,12nm,0.8s,baz=50,slow=9.3,SNR=2.3				
FINES					05 28 28.9
FINES	comp=Z,2um,20.0s,baz=44,slow=38				
FINES	FINESS Array B	66.36 332	i P	P	04 57 22.2 +0.1
FINES					
FINES	comp=Z,180nm,0.7s				
FINES	FINESS Array B	66.36 332	P	P	04 57 22.2 +0.1
KEBM	Edson Butte	66.47 53	P	I Amb	04 57 24.1 +0.9
KEBM					04 57 26.6
F05D	White Salmon	66.52 49	P	P	04 57 25.2 +1.8
H04D	Lebanon	66.52 51	P	P	04 57 25.4 +1.9
J01E	Myrtle Point	66.55 53	P	P	04 57 25.8 +2.1
MSVF	Nonsavu	66.58 142	i P	P	04 57 25.8 +1.7
MSVF					
MSVF	comp=Z,86nm,1.5s				
MSVF	Nonsavu	66.58 142	P	P	04 57 25.1 +1.0
I03D	Drain, OR	66.61 52	P	P	04 57 26.4 +2.4
VORR	Voronezh	66.70 319	e P	P	04 57 22.0 -2.4
VORR					
UPNV	Upernavik	66.72 61	i P	P	04 57 24.5 +0.3
UPNV					04 57 25.4
H04A	Detroit Lake	66.76 51	P	P	04 57 25.9 +0.9
H04A					04 57 27.8
NBNS	Konsvik	66.79 340	e P	P	04 57 24.8 0.0
KBO	Bosley Butte	66.80 340	e P	P	04 57 31.6 +6.7
KBO					04 57 26.7 +0.7

KBO	comp=Z,42nm,0.9s				
G05D	Wamico, OR	66.96 50	P	P	04 57 28.1 +1.8
K02D	Whitette Mer	66.97 53	P	P	04 57 28.3 +1.8
VSR	Storzhevoye	66.98 318	e P	P	04 57 25.6 -0.7
VSR					
VSR	comp=Z,170nm,0.6s				
VSR	comp=Z,960nm,17.0s				
MAK	Makhachkala	67.00 307	d P	P	04 57 25.6 -0.9
MAK			e P	P	04 57 41.4 +0.8
MAK			e P	P	04 59 52.6
MAK			e P	P	05 01 29.0
MAK			e S	S	05 06 15.1 -1.0
MAK			e S	S	05 06 42.5 +2.6
MAK					
MAK	comp=Z,521nm,1.7s				
E07A	Sunnyside	67.06 48	P	P	04 57 27.8 +0.9
E07A			I Amb	I Amb	04 57 29.9
VORD	Divnogorie	67.07 318	e P	P	04 57 25.9 -0.9
VORD					
VORD	comp=Z,120nm,0.7s				
I04A	Tendick Farm	67.12 51	P	P	04 57 29.0 +1.6
C09A	Chrisman Ranch	67.24 46	P	P	04 57 28.8 +0.8
C09A			I Amb	I Amb	04 57 30.4
D08A	Wollman Farm,	67.31 47	P	I Amb	04 57 29.2 +0.8
D08A					04 57 30.3
LO2E	Cave Junction	67.31 53	P	P	04 57 30.5 +2.0
H07A	Hanford	67.34 48	P	P	04 57 29.5 +0.9
F07A	Phinny Hill Vi	67.40 49	I Amb	I Amb	04 57 29.0 +0.8
F07A					04 57 31.9
I05D	Terrebonne, OR	67.45 51	P	P	04 57 31.1 +1.6
HUMO	Hull Mountain	67.46 53	P	P	04 57 30.2 +0.8
KRMB	Red Mountain	67.48 54	P	P	04 57 30.5 +0.7
E08A	Dider Farm, El	67.55 48	I Amb	I Amb	04 57 30.9 +0.9
E08A					04 57 32.6
NEW	Newport	67.61 45	P	P	04 57 31.6 +1.2
NEW	comp=Z,52nm,1.1s				
NEW	Newport	67.61 45	P	P	04 57 31.2 +0.8
NEW					
NEW	comp=Z,44nm,0.9s				
NEW	Newport	67.61 45	P	I Amb	04 57 31.1 +0.8
NEW					04 57 32.7
J04D	Umpqua Nationa	67.61 52	P	P	04 57 32.6 +1.9
SUMG	Summit	67.64 01	i P	P	04 57 31.8 +1.2
SUMG	comp=Z,412nm,0.7s				
SUMG	Summit	67.64 01	i P	P	04 57 31.8 +1.2
SUMG					
SUMG	comp=Z,410nm,0.7s				
SUMG	Summit	67.64 01	P	P	04 57 30.9 +0.3
SUMG	Summit	67.64 01	i P	P	04 57 31.9 +1.2
SUMG					04 57 32.3
JCC	Whitby Creek,	67.80 55	P	P	04 57 32.4 +0.8
GROC	Groznyy	67.89 308	e P	P	04 57 30.9 -1.3
GROC			e P	P	04 57 51.0 -1.0
GROC			e		04 59 57.8
GROC					
KHMM	Horse Mountain	67.95 55	P	P	04 57 33.5 +0.7
PINE	Pine Mountain	68.00 51	P	I Amb	04 57 33.8 +0.6
PINE					04 57 36.4
E09A	Wood Farm, Sta	68.06 47	P	I Amb	04 57 33.9 +0.8
E09A					04 57 35.9
L04D	Klamath Falls	68.07 53	P	P	04 57 35.3 +1.8
VSU	Vasula	68.09 329	e P	P	04 57 33.5 +0.4
VSU	Vasula	68.09 329	e P	P	04 57 33.3 +0.2
VSU					
YBH	Yreka Blue Hor	68.10 53	P	P	04 57 34.3 +0.7
YBH					
YBH	comp=Z,29nm,0.9s				
J05D	Yreka Blue Hor	68.10 53	P	P	04 57 34.3 +0.7
J05D	Fort Rock, OR	68.11 51	P	P	04 57 35.7 +1.9
NUUG	Nuugaatsiaq	68.15 51	i P	P	04 57 33.7 +0.4
NUUG			I Amb	I Amb	04 57 34.5
K04D	Chiloquin, OR	68.18 52	P	P	04 57 36.0 +1.8
M02C	Callahan	68.20 54	P	P	04 57 36.4 +2.1
G08A	Pilot Rock	68.30 49	P	P	04 57 35.5 +0.6
KMRH	Kamali Ridge	68.33 55	P	P	04 57 35.9 +0.8
GOF	Gofitskoye	68.45 311	i P	P	

WHFO	Wadi Hawf	77.41 283	P	P	04 58 28.3	-0.9
ICOR	Ion Corvin	77.42 318	↑P	P	04 58 30.0	+1.3
MONP2	Monument Peak	77.42 58	↓P	P	04 58 30.2	+1.0
IRM	Iron Mountain	77.44 56	P	P	04 58 30.4	+1.4
RUE	Ruedersdorf	77.48 331	eP	P	04 58 29.7	+0.9
BC3	Big Chickawall	77.56 57	P	P	04 58 30.9	+1.1
BSEG	Bad Segeberg	77.57 333	eP	P	04 58 30.3	+1.0
RAC	Raciborz	77.58 327	eP	L	05 34 54.7	
RAC	Raciborz	77.58 327	eP	MLR	04 58 30.8	+1.3
W13A	Hualapai Mount	77.62 55	P	P	04 58 30.6	+0.3
CBX	Cerro Bola	77.63 58	P	P	04 58 30.8	+0.5
CJR	Cluj-Napoca	77.65 322	↑P	P	04 58 31.3	+1.3
LEHL	Lehliu	77.67 318	↑P	P	04 58 31.2	+1.1
O20A	White River Ci	77.67 48	Iamb	Iamb	04 58 31.5	+1.0
O20A	White River Ci	77.67 48	Iamb	Iamb	04 58 32.7	
LANS	Liptovska Anna	77.74 326	eP	P	04 58 32.2	+1.7
LANS	Liptovska Anna	77.74 326	eP	P	04 58 32.2	+1.7
U15A	North Rim	77.74 53	Iamb	Iamb	04 58 34.2	
PLAR	PLDIESTI	77.78 319	↑P	P	04 58 32.2	+1.7
KSP	Ksiaz	77.78 328	↑P	P	04 58 33.7	+1.0
IKP	In-Ko-Pah, Jac	77.78 58	P	P	04 58 32.3	+1.2
OKC	Ostrava-Krasne	77.78 327	eP	P	04 58 31.6	+1.0
OKC	Ostrava-Krasne	77.78 327	eP	P	04 58 31.6	+1.0
KECS	Kecevo	77.79 325	eP	P	04 58 31.7	+1.0
KECS	Kecevo	77.79 325	eP	P	04 58 31.7	+1.0
SWSC	Sam W. Stewart	77.79 325	eP	P	04 58 31.8	+0.9
SULR	Sulz	77.81 319	↑P	P	04 58 32.0	+1.1
VOIR	Voiron	77.82 320	↑P	P	04 58 32.0	+0.7
LTVH	Ltvartes, Hu	77.96 323	↑P	P	04 58 33.3	+1.7
PDMCI	Parker Dam, Lak	77.98 55	P	P	04 58 33.3	+1.2
DRGR	Drusina	78.02 322	↑P	P	04 58 32.9	+0.8
OSTC	Ostas	78.03 328	eP	P	04 58 32.7	+0.7
CHVC	Chvalec	78.07 328	eP	P	04 58 32.9	+0.6
MORC	Moravy Berou	78.08 327	↑P	P	04 58 33.6	+1.2
MORC	Moravy Berou	78.08 327	↑P	P	04 58 33.4	+1.0
MORC	Moravy Berou	78.08 327	↑P	P	04 58 32.2	-0.2
MORC	Moravy Berou	78.08 327	↑P	P	04 58 32.2	-0.2
MORC	Moravy Berou	78.08 327	↑P	P	04 58 32.2	-0.2
MDUB	Mudurnu	78.10 313	P	P	04 58 32.2	-0.5
ABTO	Aybut	78.11 283	P	P	04 58 33.0	-0.1
ARR	Arges	78.12 320	↑P	P	04 58 34.3	+1.6
DPC	Dobruska-Polom	78.15 328	eP	P	04 58 33.7	+1.0
DPC	Dobruska-Polom	78.15 328	eP	P	04 58 33.7	+1.0
UPC	Ujice	78.15 328	eP	P	04 58 33.7	+1.0
UPC	Ujice	78.15 328	eP	P	04 58 33.7	+1.0
KRLC	Kraliky	78.17 327	eP	P	04 58 33.7	+0.8
KRLC	Kraliky	78.17 327	eP	P	04 58 33.7	+0.8
HLG	Holgolund	78.19 334	eP	P	04 58 33.3	+0.8
ESJX	Sierra Juarez	78.30 58	P	P	04 58 34.4	+0.3
STFAR	Stefanesti-Arg	78.33 320	↑P	P	04 58 34.7	+0.9
GLA	Glamis	78.35 57	P	P	04 58 35.6	+1.5
GLA	Glamis	78.35 57	P	P	04 58 34.7	+0.6
GLA	Glamis	78.35 57	P	P	04 58 34.7	+0.6
GLA	Glamis	78.35 57	P	P	04 58 36.7	
PV23	Carpenter Ridg	78.36 49	Iamb	Iamb	04 58 36.5	
RAO	Raoul Island	78.37 145	LR	LR	05 26 34.6	
PV10	Paradox Valley	78.39 49	IAMS_20	IAMS_20	05 31 58.7	
PV14	Lion Creek, Pa	78.41 49	Iamb	Iamb	04 58 37.2	
PHWY	Pilot Hill	78.42 45	P	P	04 58 34.9	+0.2
N23A	Red Feather La	78.44 46	P	P	04 58 36.4	+1.6
CPXB	Cerro Prieto	78.45 57	IAMS_20	IAMS_20	05 37 44.4	
PV04	Paradox Valley	78.46 49	Iamb	Iamb	04 58 35.1	+0.3
PV04	Paradox Valley	78.46 49	Iamb	Iamb	04 58 37.6	
PV19	Morning Glory	78.47 49	Iamb	Iamb	04 58 37.5	
PSZ	Piskazeteto	78.47 324	↑P	P	04 58 35.8	+1.3
LOT	Lotru	78.49 321	↑P	P	04 58 35.4	+0.6
D32A	Dogwood Acres,	78.50 37	P	P	04 58 34.9	+0.3
PV17	East Wray Mesa	78.50 49	Iamb	Iamb	04 58 37.7	
VYHS	Vyhne	78.50 325	eP	P	04 58 35.7	+1.0
VYHS	Vyhne	78.50 325	eP	P	04 58 35.7	+1.0
VYHS	Vyhne	78.50 325	eP	P	04 58 35.6	+0.9
PV16	Nyswonger Mesa	78.51 49	Iamb	Iamb	04 58 37.3	
PV11	David Mesa, Pa	78.54 49	Iamb	Iamb	04 58 37.5	
PV11	David Mesa, Pa	78.54 49	Iamb	Iamb	04 58 37.5	
FLTG	Flechtingen	78.54 332	eP	P	05 34 35.1	
HUMR	Humele	78.56 319	↑P	P	04 58 35.6	+0.6
PV18	Skein Mesa, Pa	78.56 49	Iamb	Iamb	04 58 37.5	
PV03	Paradox Valley	78.59 49	Iamb	Iamb	04 58 37.6	
DEV	Deva	78.59 322	↑P	P	04 58 36.2	+1.0
BEG	Berggiesshobel	78.69 329	↑P	P	04 58 37.3	+0.7
BRG	Berggiesshobel	78.69 329	↑P	P	04 58 37.4	
BRG	Berggiesshobel	78.69 329	↑P	P	04 58 44.7	
BRG	Berggiesshobel	78.69 329	↑P	P	04 58 46.0	
BRG	Berggiesshobel	78.69 329	↑P	P	04 58 36.3	+0.7
CLL	Colim	78.71 330	↑P	P	04 58 36.2	+0.5
CLL	Colim	78.71 330	↑P	P	04 58 36.2	+0.5
CLL	Colim	78.71 330	↑P	P	05 01 21.0	
CLL	Colim	78.71 330	↑P	P	05 08 30.0	+1.0
CLL	Colim	78.71 330	↑P	P	05 08 42.0	-4.6
CLL	Colim	78.71 330	↑P	P	05 09 00.0	+7.2
CLL	Colim	78.71 330	↑P	P	05 09 30.0	
CLL	Colim	78.71 330	↑P	P	05 10 32.0	
CLL	Colim	78.71 330	↑P	P	05 33 00.0	
CLL	Colim	78.71 330	↑P	P	04 58 36.2	+0.5
CLL	Colim	78.71 330	↑P	P	04 58 36.1	+0.5
CLL	Colim	78.71 330	↑P	P	05 34 04.4	
PVCC	Panska Ves	78.71 329	eP	P	04 58 36.6	+0.8
PVCC	Panska Ves	78.71 329	eP	P	04 58 36.6	+0.8
COPA	Copacabana	78.72 319	↑P	P	04 58 36.1	+0.2
JAVC	Velka Javorina	78.73 326	↑P	P	04 58 38.0	+2.0
PV15	Paradox Valley	78.74 49	IAMS_20	IAMS_20	05 29 36.3	
BSZH	Besnyasz	78.77 324	↑P	P	04 58 37.7	+1.6
VRAC	Vranov	78.78 327	↑P	P	04 58 37.8	+1.3
VRAC	Vranov	78.84 327	↑P	P	04 58 37.8	+1.3
DRUM	Mains of Drumt	78.84 341	↑P	P	04 58 36.9	+0.5
FBE	Freiberg	78.88 330	eP	P	04 58 37.6	+1.0
SIRR	Siria	78.89 322	↑P	P	04 58 37.6	+0.8
WUAZ	Wupatki	78.90 53	P	P	04 58 39.1	+1.8
WUAZ	Wupatki	78.90 53	P	P	04 58 37.6	+0.3

WUAZ	Wupatki	78.90 53	P	P	04 58 39.1	+1.8
WUAZ	Wupatki	78.90 53	P	P	04 58 37.6	+0.3
ASSE	Asse, Remlinge	78.91 332	eP	P	04 58 37.4	+0.7
KAC	Achnashellach	78.93 343	↑P	P	04 58 37.9	+0.8
ZIMR	Zim	78.98 319	↑P	P	04 58 38.0	+0.7
GZR	Gura Zlata	79.01 321	↑P	P	04 58 38.2	+0.6
B35A	Bob, Littlefor	79.04 34	Iamb	Iamb	04 58 38.8	
SMCO	Smolence	79.04 48	P	P	04 58 38.4	+0.1
SMOL	Smolence	79.10 326	eP	P	04 58 39.4	+1.5
SMOL	Smolence	79.10 326	eP	P	04 58 39.4	+1.5
KRUC	Krusky	79.11 327	↑P	P	04 58 39.0	+1.0
PRRA	Prera	79.13 329	eP	P	04 58 38.8	+0.8
PRRA	Prera	79.13 329	eP	P	04 58 38.8	+0.8
PRU	Pruhonice	79.15 329	eP	P	04 58 38.8	+0.6
PRU	Pruhonice	79.15 329	eP	P	04 58 38.8	+0.6
KPL	Plockton	79.21 343	↑P	P	04 58 39.2	+0.9
VLAD	Vladia	79.22 319	↑P	P	04 58 39.6	+0.9
SPX	San Pedro Mart	79.23 59	P	P	04 58 39.5	+0.1
SPX	San Pedro Mart	79.23 59	P	P	05 23 39.2	
NEUB	Neuenburg	79.25 331	eP	P	04 58 39.3	+0.6
SRO	Srobarova	79.25 325	eP	P	04 58 40.5	+1.8
SRO	Srobarova	79.25 325	eP	P	04 58 40.5	+1.8
SRO2	Moca	79.25 325	eP	P	04 58 38.9	+0.2
SRO2	Moca	79.25 325	eP	P	04 58 38.9	+0.2
SRO2	Moca	79.25 325	eP	P	04 58 38.9	+0.2
CLZ	Clautal	79.25 332	eP	P	04 58 39.7	+1.0
CLZ	Clautal	79.25 332	eP	P	04 58 39.7	+1.0
AMBH	Ambratrlva	79.27 323	↑P	P	04 58 40.1	+1.3
MODS	Modra-Piesok	79.27 326	eP	P	04 58 39.3	+0.4
MODS	Modra-Piesok	79.27 326	eP	P	04 58 39.3	+0.4
MODS	Modra-Piesok	79.27 326	eP	P	04 58 39.3	+0.4
TREC	Trest	79.31 328	eP	P	04 58 40.0	+0.9
TREC	Trest	79.31 328	eP	P	04 58 40.0	+0.9
ISCO	Idaho Springs	79.38 46	P	P	04 58 41.5	+1.5
BZS	Buzias	79.39 322	↑P	P	04 58 40.0	+0.4
ZST	Bratislava	79.48 326	eP	P	04 58 41.2	+1.2
ZST	Bratislava	79.48 326	eP	P	04 58 41.2	+1.2
ZST	Bratislava	79.48 326	eP	P	04 58 41.2	+1.2
TIM	Timisoara	79.49 322	↑P	P	04 58 41.6	+1.5
MVCO	Mesa Verde	79.49 50	P	P	04 58 42.1	+1.5
HERR	Herculane	79.56 31	↑P	P	04 58 40.7	+0.2
PLVB	Pleven	79.56 319	↑P	P	04 58 41.1	+0.6
SUSD	Miller	79.56 40	P	P	04 58 41.1	+0.6
SUSD	Miller	79.56 40	P	P	05 35 23.4	
EDRB	Edirne	79.56 317	P	P	04 58 41.0	+0.4
PBCB	Pribram	79.60 329	eP	P	04 58 41.4	+0.7
TANN	Tannenbergstha	79.62 330	eP	P	04 58 41.4	+0.6
SFX	San Felipe	79.64 58	IAMS_20	IAMS_20	05 32 10.0	
GTGG	Gottingen	79.64 332	eP	P	04 58 41.7	+0.9
INGV	Invergelde, C	79.66 342	Iamb	Iamb	04 58 41.3	+0.5
INGV	Invergelde, C	79.66 342	Iamb	Iamb	04 58 42.6	
DJES	Djerdap	79.66 321	↑P	P	04 58 41.9	+0.8
PLN	Plauen	79.69 330	eP	P	04 58 41.9	+0.8
PLN	Plauen	79.69 330	eP	P	04 58 42.2	+0.9
GUNZ	Gunzen	79.72 330	eP	P	04 58 42.2	+0.9
BAIL	Bailesti	79.73 320	↑P	P	04 58 42.8	+1.4
PUNG	Pungina	79.75 320	↑P	P	04 58 42.2	+0.9
WERN	Wernitzgruen	79.76 330	eP	P	04 58 42.5	+0.9
ESY	Stoneyphat	79.77 341	↑P	P	04 58 42.0	+0.6
NKC	Novy Kostel	79.78 330	eP	P	04 58 42.4	+0.8
NKC	Novy Kostel	79.78 330	eP	P	04 58 42.4	+0.8
IBBN	Ibbenburg	79.79 333	eP	P	04 58 42.2	+0.6
F33A	5 Mile Ranch,	79.79 37	Iamb	Iamb	04 58 43.3	
BANR	Banre	79.80 322	↑P	P	04 58 42.9	+1.1
EAB	Eberfoyle	79.95 342	↑P	P	04 58 43.1	+0.7
MDVR	Moldovita	79.97 321	↑P	P	04 58 42.9	+0.1
RAYN	Ar Rayn	79.97 292	Iamb	Iamb	04 58 43.0	-0.2
RAYN	Ar Rayn	79.97 292	Iamb	Iamb	04 58 42.3	-0.8
RAYN	Ar Rayn	79.97 292	Iamb	Iamb	04 58 42.3	-0.8
RAYN	Ar Rayn	79.97 292	Iamb	Iamb	04 58 42.3	-0.8
RAYN	Ar Rayn	79.97 292	Iamb	Iamb	04 58 42.3	-0.8
RAYN	Ar Rayn	79.97 292	Iamb	Iamb		

PECO	Prince Edward	89.25	27	I	Amb	I	Amb	04 59 30.9
H57A	Richville	89.34	26	P	P			04 59 30.0 +0.1
JCT	Junction City	89.35	50	P	P			04 59 31.0 +0.7
JCT	Junction City	89.35	50	I	Amb	I	Amb	04 59 31.9
F61A	St Evariste	89.36	22	P	P			04 59 30.9 +0.9
LONY	Lake Ozonia	89.47	25	P	P			04 59 30.7 +0.1
LONY	Lake Ozonia	89.47	25	I	Amb	I	Amb	04 59 31.2
BLO	Bloomington	89.49	36	I	Amb	I	Amb	04 59 31.9
G59A	Clarenceville	89.50	24	P	P			04 59 30.8 +0.1
WHTX	Lake Whitney	89.58	47	P	P			04 59 32.1 +0.9
WHTX	Lake Whitney	89.58	47	I	Amb	I	Amb	04 59 32.7
ATD	Arta Tunnel	89.60	285	I	Amb	I	Amb	04 59 33.4
O49A	Covington	89.61	34	I	Amb	I	Amb	04 59 32.8
TBI	Tubuaj	89.66	121	eS	S			05 10 17.5 -1.6
TBI	Tubuaj	89.66	121	eLR	LR			05 27 41.4
TBI	Tubuaj	89.66	121	eT	T			06 38 03.6
E63A	Oxbow	89.67	21	P	P			04 59 31.7 +0.3
H59A	Cadyville	89.73	25	P	P			04 59 31.8 +0.1
ERPA	Erie	89.73	30	P	P			04 59 32.7 +0.9
P48A	Milroy	89.74	35	I	Amb	I	Amb	04 59 32.8
MIAR	Mount Ida	89.74	43	P	P			04 59 32.9 +1.0
G60A	Masonville	89.75	24	P	P			04 59 32.4 +0.5
L53A	Girard	89.77	30	P	P			04 59 33.0 +1.1
H58A	Gabriels	89.78	25	P	P			04 59 32.4 +0.4
LCAR	Lake Charles	89.79	40	I	Amb	I	Amb	04 59 33.3
G61A	St-Isidore-de-	89.83	23	P	P			04 59 33.2 +1.0
E64A	Bridgewater	89.83	20	P	P			04 59 32.5 +0.3
J56A	Wolcott	89.88	27	P	P			04 59 32.6 +0.2
J56A	Wolcott	89.88	27	I	Amb	I	Amb	04 59 33.9
W41B	Gary Mavity, V	89.94	42	P	P			04 59 33.3 +0.4
USIN	University of	89.95	37	I	Amb	I	Amb	04 59 34.1
Z38A	Mt. Pleasant	89.98	45	I	Amb	I	Amb	04 59 34.4
P49A	Miami Univ. Ec	89.98	34	P	P			04 59 33.6 +0.6
M53A	Wl Miller and	90.05	31	P	P			04 59 34.1 +0.8
H60A	Morristown	90.12	24	P	P			04 59 34.3 +0.7
ACSO	Alum Creek Sta	90.14	33	P	P			04 59 34.4 +0.6
F63A	Nahmakanta, Br	90.14	21	P	P			04 59 34.2 +0.5
NCB	Newcomb	90.16	25	I	Amb	I	Amb	04 59 34.9
I58A	Old Forge	90.16	26	P	P			04 59 34.0 +0.1
X40A	Basin Creek Fa	90.17	43	P	P			04 59 34.8 +0.8
X40A	Basin Creek Fa	90.17	43	I	Amb	I	Amb	04 59 36.0
G62A	West of Eustis	90.18	22	P	P			04 59 34.9 +1.0
F64A	Sherman	90.20	21	P	P			04 59 34.4 +0.5
F64A	Sherman	90.20	21	I	Amb	I	Amb	04 59 35.0
K56A	Middleburg	90.22	28	P	P			04 59 34.7 +0.6
VT1	Waterbury	90.31	24	I	Amb	I	Amb	04 59 35.9
WCI	Wyandotte Cave	90.36	36	P	P			04 59 35.8 +1.0
WCI	Wyandotte Cave	90.36	36	P	P			04 59 35.2 +0.4
WCI	Wyandotte Cave	90.36	36	P	P			04 59 35.2 +0.4
WCI	Wyandotte Cave	90.36	36	I	Amb	I	Amb	04 59 36.5
M54A	Oil Creek Stat	90.38	30	P	P			04 59 35.5 +0.7
H61A	Lyndonville	90.38	24	P	P			04 59 35.8 +1.0
435B	Jarrell	90.41	48	P	P			04 59 35.8 +0.6
435B	Jarrell	90.41	48	I	Amb	I	Amb	04 59 36.9
GNAR	Gosnell	90.43	40	I	Amb	I	Amb	04 59 36.7
PK7A	Scipio Center	90.48	27	P	P			04 59 35.7 +0.5
PK7A	Peaks-Kenny Pk	90.49	22	P	P			04 59 36.1 +0.9
PK7A	Peaks-Kenny Pk	90.49	22	I	Amb	I	Amb	04 59 37.2
J59A	Piesco	90.52	26	P	P			04 59 35.9 +0.5
J59A	Piesco	90.52	26	I	Amb	I	Amb	04 59 37.0
N53A	Lisbon	90.52	31	I	Amb	I	Amb	04 59 36.9
G63A	Kingsbury	90.54	22	P	P			04 59 36.4 +0.9
I60A	Shoreham	90.58	25	P	P			04 59 36.4 +0.7
LPAR	Lepanto	90.58	40	I	Amb	I	Amb	04 59 37.5
H62A	Milan	90.58	23	P	P			04 59 36.8 +1.0
L56A	Greenwood	90.62	28	P	P			04 59 36.7 +0.7
LBNH	Lisbon	90.65	24	P	P			04 59 37.2 +1.1
G64A	Maxfield	90.66	21	P	P			04 59 36.9 +0.9
O52A	Adamsville	90.71	32	I	Amb	I	Amb	04 59 38.1
N54A	State	90.72	30	P	P			04 59 37.3 +0.8
N54A	Moraine State	90.72	30	I	Amb	I	Amb	04 59 37.9
P51A	Williamsport	90.73	33	I	Amb	I	Amb	04 59 37.9
K58A	Earlville	90.75	27	P	P			04 59 37.2 +0.7
H63A	New Sharon	90.83	22	P	P			04 59 37.9 +1.1
O53A	New Philadelphia	90.85	32	P	P			04 59 37.7 +0.7
ACCN	Adirondack Com	90.86	25	I	Amb	I	Amb	04 59 38.8
M56A	Emporium	90.96	29	P	P			04 59 38.3 +0.8
P52A	Corning	90.99	33	P	P			04 59 37.9 +0.2
P52A	Corning	90.99	33	I	Amb	I	Amb	04 59 39.1
L57A	Andrews Acres	91.00	28	P	P			04 59 38.4 +0.6
K59A	Cooperstown	91.01	26	P	P			04 59 38.4 +0.6
HNH	Hanover	91.02	24	I	Amb	I	Amb	04 59 39.9
G65A	Princeton	91.03	20	P	P			04 59 38.4 +0.6
WVL	Waterville	91.03	22	I	Amb	I	Amb	04 59 39.6

J60A	Lant Hill Farm	91.07	25	P	P			04 59 38.7 +0.7
H64A	Troy	91.09	22	P	P			04 59 38.7 +0.7
BINY	Binghamton	91.13	27	P	P			04 59 39.9 +0.6
BINY	Binghamton	91.13	27	I	Amb	I	Amb	04 59 40.1
Z41A	Richland Creek	91.14	43	P	P			04 59 39.5 +1.0
X43A	Marvell	91.15	41	P	P			04 59 39.4 +0.9
I62A	Tamworth	91.16	23	P	P			04 59 39.3 +0.9
833A	Chaparral WMA,	91.17	51	P	P			04 59 39.9 +1.2
R50A	Paris	91.19	35	I	Amb	I	Amb	04 59 39.9
I63A	Otisfield	91.23	23	P	P			04 59 40.1 +1.4
O54A	Avella	91.24	31	I	Amb	I	Amb	04 59 40.3
J61A	Chester	91.26	24	P	P			04 59 39.9 +1.1
H65A	Eastbrook	91.31	21	P	P			04 59 39.9 +0.8
L58A	Harry Jones Me	91.31	27	P	P			04 59 39.9 +0.7
WVT	Waverly	91.36	38	P	P			04 59 40.2 +0.7
WVT	Waverly	91.36	38	P	P			04 59 39.9 +0.5
WVT	Waverly	91.36	38	P	P			04 59 39.9 +0.5
WVT	Waverly	91.36	38	I	Amb	I	Amb	04 59 39.9 +0.5
N56A	West Decatur	91.41	29	P	P			04 59 40.4 +0.8
P53A	Whipple	91.42	32	I	Amb	I	Amb	04 59 40.9
FFD	Franklin Falls	91.43	24	I	Amb	I	Amb	04 59 41.9
TRY	Troy	91.45	25	I	Amb	I	Amb	04 59 41.7
L59A	Walton	91.47	27	P	P			04 59 40.7 +0.7
K60A	Five Rivers En	91.48	26	P	P			04 59 40.6 +0.7
M57A	Sunshine Farm,	91.48	28	P	P			04 59 40.8 +0.9
H66A	Whiting	91.48	20	P	P			04 59 40.4 +0.5
Q52A	Bidwell	91.50	33	I	Amb	I	Amb	04 59 40.9
J62A	Henniker	91.60	24	P	P			04 59 41.6 +1.2
K61A	Williamstown	91.64	25	P	P			04 59 41.7 +1.1
M58A	Price's Panora	91.69	28	P	P			04 59 41.6 +0.7
KSPA	Keystone Cole	91.77	27	I	Amb	I	Amb	04 59 43.0
J63A	Stratford	91.78	24	P	P			04 59 42.3 +1.0
N57A	Milroy	91.83	29	P	P			04 59 42.3 +0.7
O56A	Blue Knob Stat	91.87	30	P	P			04 59 42.4 +0.6
O56A	Blue Knob Stat	91.87	30	I	Amb	I	Amb	04 59 42.4
Q53A	Leroy	91.90	33	P	P			04 59 42.7 +0.8
M59A	Waymart	91.91	27	P	P			04 59 42.3 +0.4
L60A	Shokan	91.92	26	P	P			04 59 42.7 +0.7
L61A	Hillsdale 1, H	91.97	26	P	P			04 59 42.9 +0.7
K62A	Royalston	91.97	25	P	P			04 59 43.1 +0.9
U49A	Red Boiling Sp	92.00	37	I	Amb	I	Amb	04 59 43.6
T50A	Nancy	92.01	36	I	Amb	I	Amb	04 59 44.1
L61B	Northampton	92.02	25	P	P			04 59 43.0 +0.6
S51A	Beattyville	92.05	35	I	Amb	I	Amb	04 59 44.1
N58A	Sunbury	92.06	28	P	P			04 59 43.2 +0.6
N58A	Sunbury	92.06	28	I	Amb	I	Amb	04 59 43.8
Q54A	Coxs Mills	92.08	32	I	Amb	I	Amb	04 59 44.2
CLTN	Cedars of Leba	92.09	37	I	Amb	I	Amb	04 59 44.1
V48A	Smith Brothers	92.15	38	I	Amb	I	Amb	04 59 44.1
PLAL	Pickwick Lake	92.16	39	I	Amb	I	Amb	04 59 43.9
K63A	Dunstable	92.17	24	P	P			04 59 44.1 +1.0
K63A	Dunstable	92.17	24	I	Amb	I	Amb	04 59 44.9
143A	Socs Landing,	92.31	43	I	Amb	I	Amb	04 59 46.1
HRV	Adam Dzewonsk	92.33	24	P	P			04 59 44.8 +1.0
N59A	State Game Lan	92.34	28	P	P			04 59 44.9 +0.9
N59A	State Game Lan	92.34	28	I	Amb	I	Amb	04 59 45.4
M60A	Port Jervis	92.38	27	P	P			04 59 44.6 +0.6
L62A	Suffield	92.41	25	P	P			04 59 45.0 +0.8
KSCCT	Kent School, K	92.41	26	I	Amb	I	Amb	04 59 46.1
P56A	Dayton Farm, R	92.42	30	P	P			04 59 45.2 +0.9
ODNJ	Ogdetsburg	92.60	27	I	Amb	I	Amb	04 59 48.0
O58A	Lewisberry	92.61	29	P	P			04 59 45.7 +0.5
N60A	Cedar Hill Fa	92.61	27	P	P			04 59 45.6 +0.4
TRNY	Table Rock, Ra	92.68	27	I	Amb	I	Amb	04 59 46.6
M61A	Granite Spring	92.68	26	P	P			04 59 46.0 +0.5
Q56A	Snyder Ridge,	92.69	31	P	P			04 59 46.1 +0.5
R54A	Victor	92.69	33	P	P			04 59 46.2 +0.5
O59A	Robesonia	92.72	28	P	P			04 59 46.1 +0.4
P57A	Homestead Farm	92.76	30	P	P			04 59 46.7 +0.8
M62A	Hamden	92.86	26	P	P			04 59 46.2
S54A	Dingess, Beckl	92.89	33	P	P			04 59 47.1 +0.5
KEST	Kesra	92.90 323 P						04 59 46.3 -0.4
KEST	Kesra	92.90 323 I						04 59 47.1
L63A	North Scituate	92.90	24	P	P			04 59 46.8 +0.4
PAL	Palisades	92.91	26	P	P			04 59 47.2 +0.7
TZTN	Tazewell	92.98	35	P	P			04 59 47.3 +0.3
TZTN	Tazewell	92.98	35	I	Amb	I	Amb	04 59 48.1
SWET	Seawater	92.99	38	I	Amb	I	Amb	04 59 48.1
O60A	Telford	93.00	28	P	P			04 59 47.1 +0.2
Q57A	Strasburg	93.00	30	P	P			04 59 47.2 +0.2
N61A	South Mountain	93.00	27	P	P			

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Te Karaka, Matawai, Rimuhau, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Deep Cove, Puysegur Point, Mont Dzumac, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAW Mawson, SYO Syowa Base, SNAA Sanae, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZSN Zaisan, ZSN Zaisan, MK31 Makanchi Array, MKAR Makanchi Array, etc.

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

NOU 17 06:53:02.3, 37.51S, 179.02W, h0km, MLV4.2, East of North Island, NZ.

WEL 17 07:53:15.8, 1.4, 38'S, 11'18'0"W, h33km, M3.6/24, ML4.0/24, MLV3.6/24, Error ellipse: s-maj=0.0km s-min=0.0km az=34.0, East of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WMGZ Waiomatatini S, WMGZ Waiomatatini S, MXZ Matakaoa Point, etc.

IDC 17 07:01:55.8, 0.8, 39.71N-143.17E, h0km, mb3.7/13, mb1.3/7.15, mb1mx3.7/59, mbtmp3.7/15, ML3.1/2, Error ellipse: s-maj=24.2km s-min=16.2km az=115.0

JMA 17 07:01:58.3, 0.2, 39.78N-143.23E, h23km, 4km, M3.6 NIED 17 07:01:58.4, 39.78N-143.23E, h23km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm

ISC 17 07:01:57.6, 2.0, 39.77N-143.15E, h10km, 12km, n36, c114/42, mb3.8/12, Off east coast of Honshu

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

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

IDC 17 07:07:04.6, 2.0, 32.80S-178.76W, h0km, mb4.3/3, mb1.4/5.4, mb1mx3.9/39, mbtmp4.4/34, ML4.1/1, Error ellipse: s-maj=58.7km s-min=36.4km az=141.0

WEL 17 07:07:09.6, 0.9, 33'S, 13'13"17'9W, 3.0, h33km, M4.6/15, mB5.2/8, ML4.9/15, MLV4.7/15, MW(mB)4.6/8, Error ellipse: s-maj=0.0km s-min=0.0km az=113.2

ISC 17 07:07:07.2, 1.4, 32.99S-178.47W, 0.2, h32km, n29, c1547/41, mb4.2/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLKZ Green Lake, GLKZ Green Lake, MXZ Matakaoa Point, etc.

IDC 17 07:09:06.4, 3.3, 55.60N-86.24E, h0km, mb1.2/8.2, mb1mx2.8/63, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=26.9km s-min=25.6km az=38.0, Southwestern Siberia

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

IDC 17 07:12:26.8, 1.5, 39.65N-143.54E, h0km, mb3.6/6, mb1.3/6.8, mb1mx3.4/56, mbtmp3.5/8, ML3.0/2, M3.3/2, M3.1/3.3, 2.5, mb1mx2.6/58, Error ellipse: s-maj=40.0km s-min=20.5km az=88.0

JMA 17 07:12:28.0, 0.2, 39.77N-143.56E, h25km, M3.7, ISC 17 07:12:28.7, 1.1, 39.72N-143.56E, h11km, n31, c119/42, mb3.6/6, Off east coast of Honshu

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

IDC 17 06:39:07.5, 1.8, 53.79N-91.01E, h0km, mb3.4/1, mb1.3/7.4, mb1mx3.4/36, mbtmp3.6/4, ML3.4/2, Error ellipse: s-maj=24.7km s-min=17.4km az=145.0

NNC 17 06:39:10.8, 3.4, 53.76N-90.51E, h2km, 16km, mb3.9, mpv3.6, Error ellipse: s-maj=28.7km s-min=21.3km az=25.0, Suspected Mining explosion

ISC 17 06:39:07.2, 1.6, 53.76N-90.10, 90E, 0.1, h0km, n12, c1970/15, 9C-5D, Southwestern Siberia

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TOL12, JAGI, EEL, KSM, JGF, MJAR, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like L04D, PDMC, PAHR, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like V60A, R59A, M56A, etc.

WEL 17 09:13:28.2±0.7, 38°S±18'0W±1.1, h33km, M3.5/30, mb5.0/1, ML3.9/43, MLV3.5/30, (mb)4.3/1, Error ellipse: s-maj=0.0km s-min=0.0km az=24.5, East of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, and other parameters. Includes stations like WMGZ, MXZ, PUZ, etc.

IDC 17 09:22:56.3±1.4, 39°56N±143°79E, h0km, mb3.4/7, mb1 3.5/9, mb1mx3.4/52, mbtmp3.4/9, ML2.8/2, Error ellipse: s-maj=32.7km s-min=23.7km az=123.0

JMA 17 09:22:59.9±0.2, 39°75N±143°48E, h44km, M3.4, 0.9m, 0.3s, baz=81, slow=8.9, SNR=2.3

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, and other parameters. Includes stations like JTH, MIYJ, NANGO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ZALV, MKAR, ILAR, WRA, YKA.

IDC 17 09:24:51.9,3.2, 5.96S:145.82E, h143km,38km,mb3.4/6, mb1 3.5/9, mb1mx3.3/35, mbtmp3.8/9, Error ellipse: s-maj=34.5km s-min=22.6km az=140.0

ISC 17 09:24:48.3-0.9, 5.73S:109.1456E:0.1, h100km, n9, r1502/10, mb3.6/6, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PMG, SJJI, WRA, ASAR, FITZ, PETK, MKAR, ZALV, ILAR.

NOU 17 09:27:16.5, 17.04S:167.25E, h0km, MLV4.8, Vanuatu Islands
IDC 17 09:27:17.0, 1.5, 16.196S:167.11E, h0km, mb3.9/5, mb1 4.2/6, mb1mx3.8/36, mbtmp4.0/6, ML4.5/1, MS3.2/4, Ms1 3.2/4, ms1mx2.9/24, Error ellipse: s-maj=40.2km s-min=27.9km az=69.0

NEIC 17 09:27:18.3-2.0, 16.93S:0.06:167.0E:0.1, h10km,2km, mb4.3/8, Error ellipse: s-maj=21.5km s-min=10.1km az=89.0

ISC 17 09:27:17.2-0.7, 17.03S:0.05:167.3E:0.1, h10km, n29, r1502/27, mb4.1/8, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DVP, SANVU, LIFNC, YATNC, DZM, DZM, DZM, DZM, BKZ, BKZ, BFZ, RPZ, WB0, WB0, WB2, WB2, WRA, WRA, AS31, ASAR, ASAR, CMAR, SONM, SONM, ARCES.

IDC 17 10:23:23.1-2.0, 44.88N:83.02E, h0km, mb1 3.4/5, mb1mx3.2/42, mbtmp3.4/5, ML3.1/5, Error ellipse: s-maj=24.0km s-min=12.5km az=111.0
SOME 17 10:23:25.4, 44.82N:82.63E, h10km
NNC 17 10:23:25.9, 1.1, 44.71N:82.66E, h10km, gkm, mb4.4, mpv4.1, Error ellipse: s-maj=10.0km s-min=4.5km az=123.0

ISC 17 10:23:22.5-0.7, 44.61N:0.04:82.70E:0.04, h10km, n65, r180/90, 14C-6D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KTMS, DJR, DJR, DJR, MK31, MKAR, MKAR, MAKZ, MAKZ, KAPS, KAPS, KAPS, PDGK, PDGK, PDGK, PDGK, SHLS, SHLS, SHLS.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like SHLS, SHLS, UZB, UZB, UZB, TDK, TDK, TDK, KPKS, MNBS, MNBS, MNBS, ZSN, ZSN, ZSN, KURS, KURS, KURS, SATY, SATY, SATY, ARXS, ARXS, ARXS, WMQ, WMQ, WMQ, CHHK, CHHK, CHHK, KOTS, KOTS, KOTS, MDOK, MDOK, MDOK, MDOK, MDOK, KNDC, KNDC, KNDC, AAA, AAA, AAA, KTBS, KTBS, KTBS, TNS5, TNS5, TNS5, TNS5, TNS5, KUU, KUU, KUU, KUU, IZV, IZV, IZV, KST, KST, KST, KRBS, KRBS, KRBS, DGS, DGS, DGS, DGS, TDKM2, TDKM2.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like SHLS, UZB, TDK, KPKS, MNBS, ZSN, KURS, SATY, ARXS, WMQ, CHHK, KOTS, MDOK, KNDC, AAA, KTBS, TNS5, KUU, IZV, KST, KRBS, DGS, TDKM2.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like TKM2, TKM2, SGDS, SGDS, BTLS, BTLS, AAK, AAK, AAK, AAK, KURBB, KURBB, KURBB, KURK, KURK, KURK, KK31, KK31, ZALV, ZALV, ZALV, BVAR, BVAR, GTA, GTA, GTA, SONM, SONM, SONM.

KRSZO 17 10:33:54.9, 0.8, 44.52N:18.97E, h13km,9km, ML3.5/20, Error ellipse: s-maj=2.3km s-min=1.9km az=72.0
PDG 17 10:33:54.5, 0.3, 44.55N:18.93E, h15km, ML2.9/13, Error ellipse: s-maj=0.4km s-min=0.7km az=0.0
BEO 17 10:33:55.9, 0.2, 44.49N:18.96E, h4km, ML3.2/15
RH50 17 10:33:57.3, 0.0, 44.58N:19.08E, h10km, ML3.2/14
PRU 17 10:33:55.0, 1.0, 44.53N:0.01:18.99E:0.01, h8km, gkm, n197, r132/338, 31C-18D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HAPS, HAPS, HAPS, HAPS, BBSL, BBSL, BBSL, BBSL, DIVS, DIVS, DIVS, DIVS, FRGS, FRGS, FRGS, FRGS, FRGS, FRGS, FRGS, FRGS, RUDO, RUDO, RUDO, RUDO, TRUDEL, TRUDEL, TRUS, TRUS, TRUS, BEO, BEO, PLE, PLE, IVAS, IVAS, IVAS, BLY, BLY, BLY, BLY, UPM, UPM, UPM, UPM, MGRS, MGRS, MGRS, GRUS, GRUS, GRUS, GRUS, BRATOGOST, BRATOGOST, BRATOGOST, BRATOGOST, PRIJ, PRIJ, PRIJ.

Table with columns: PKME, Peaks-Kenny Pr, 1.63 276, PN, Pn, 10 49 43.0 +0.6, 10 50 05.2 +0.9, 10 50 05.7

IDC 17 10:59:07.8.1.1, 10181N:126.28E, h0km, mb3.9/9, mb1.4/0.9, mb1mx3.7/4.2, mbtmp3.9/9, MS2.8/1, Ms1.2/8/1, ms1mx2.3/4.6, Error ellipse: s-maj=115.7km s-min=16.6km az=70.0

MAN 17 10:59:09.8, 10184N:126.50E, h24km, mb4.6, ML3.5, MS3.3

IDC 17 10:59:08.1.2.2, 10180N:106.126.40E, h3km, 13km, n17, 0.962/22, mb4.0/9.1C, Philippine Islands region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, GLSP General Luna, 1.04 195, Op, P, 10 59 29.0 +0.2, 10 59 44.8 +0.1, 10 59 32.4 +0.6, 10 59 49.8 +0.2, 10 59 39.4 +0.2, 10 10 00.7 +0.2, 10 59 40.0 +0.3, 10 10 04.3 -0.9, 10 59 48.3 0.0, 11 00 18.0 -1.0, 11 14 45.8, 11 05 06.8 -0.0, 11 05 31.4 -0.3, 11 06 02.9 +0.6, 11 08 35.4 +1.0, 11 06 49.1 +0.2, 11 07 24.4 +0.6, 11 08 16.6 +0.1, 11 08 34.9 -0.1, 11 11 37.4 -0.9, 11 11 45.8 -1.3, 11 18 52.2 -0.4

IDC 17 11:01:21.4.396.0, 4631N:64.64E, h0km, Error ellipse: s-maj=184.9km s-min=118.3km az=153.0, Western Kazakhstan

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, I31KZ AKTYUBINSK INF, 6.01 315, Op, P, 11 40 27.8, I46RU ZALESOVO INFRA, 14.99 52, i, 12 32 00.0, I34MN SONGINO INFRA, 28.25 72, i, 13 54 20.0, I45RU USSURIYSK INFRA, 16.14 67, i, 15 43 30.0

IDC 17 11:09:45.9.4.9, 19100S:177.10W, h241km, 45km, mb3.3/4, mb1.3/5, mb1mx3.2/3.1, mbtmp3.9/5, Error ellipse: s-maj=39.7km s-min=18.7km az=81.0

NEIC 17 11:10:15.1.1.5, 20.0S:0.1x177.6W:0.2, h542km, 17km, mb4.3/1.6, Error ellipse: s-maj=29.6km s-min=13.8km az=50.0

IDC 17 11:10:12.7.0.9, 20.0S:0.2x177.7W:0.2, h500km, n25, 0.688/24, mb4.1/10, Fiji Islands region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, MSFV Nonsavu, 4.65 299, P, P, 11 11 44.8 +0.1, AFI Afiamalu, 8.30 44, P, P, 11 12 12.9 +0.5, OUZ Omahuta, 16.98 205, P, P, 11 13 46.0 +2.6, URZ Urewera, 18.72 193, P, P, 11 13 58.7 -0.8, URZ Urewera, 18.72 193, P, S, 11 17 29.6 +2.5, URZ Urewera, 18.72 193, P, I, 11 13 58.9 -0.6, URZ Urewera, 18.72 193, P, P, 11 14 07.5, BKZ Black Stump Fm, 19.72 194, P, P, 11 14 08.8 -0.0, QUZ Quartz Range, 22.35 200, P, P, 11 14 33.1 +0.7, THZ Tophouse, 23.09 198, P, P, 11 14 39.1 0.0, THZ Tophouse, 23.09 198, P, I, 11 14 40.1, WHZ Wether Hill Ro, 28.38 201, P, P, 11 15 25.4 -0.3, STKA Stephens Creek, 38.27 244, P, P, 11 16 50.8 +1.1, STKA Stephens Creek, 38.27 244, P, P, 11 16 48.2 -1.5, BBOO Buckleboo, 40.03 243, P, I, 11 17 26.7 -1.1, BBOO Buckleboo, 40.03 243, P, I, 11 17 48.3, WR0 Warramunga Arr, 44.78 262, P, P, 11 17 41.6 +0.1, WR0 Warramunga Arr, 44.78 262, P, I, 11 17 49.5, AS31 Alice Springs, 44.92 266, P, P, 11 17 43.2 +0.6, AS31 Alice Springs, 44.92 266, P, P, 11 17 43.2 +0.6, WR0 Warramunga Arr, 44.92 266, P, P, 11 17 43.1 +0.5, WR0 Warramunga Arr, 44.92 266, P, I, 11 17 52.9, WB2 Warramunga Arr, 44.96 262, P, I, 11 17 43.2 +0.3, WB2 Warramunga Arr, 44.96 262, P, I, 11 17 56.0, WRAB Tennant Creek, 44.96 262, P, I, 11 17 43.4 +0.5, WRAB Tennant Creek, 44.96 262, P, I, 11 17 55.6, WRA Warramunga Arr, 44.97 262, P, P, 11 17 43.2 +0.3, WRA Warramunga Arr, 44.97 262, P, P, 11 17 43.2 +0.3, FITZ Fitzroy Crossi, 53.39 262, P, P, 11 18 45.8 +0.4, FITZ Fitzroy Crossi, 53.39 262, P, I, 11 18 45.2 -0.2, FITZ Fitzroy Crossi, 53.39 262, P, I, 11 18 47.9, QSPA South Pole Qui, 70.03 180, P, P, 11 20 33.8 +0.2, GERES GERESE Array B, 149.83 345, PKPbc, PKPbc, 11 29 04.9 -1.1, comp=Z, 0.3nm, 0.3s, baz=338, slow=2.1, SNR=3.8

SJA 17 11:28:03.5.0.6, 24.52S:69.53W, h97km, 5km, ML4.0, MW4.0, NEIC 17 11:28:03.8.2.3, 24.56S:0.04:69.42W:0.06, h90km, 6km, Error ellipse: s-maj=8.2km s-min=5.3km az=107.0, IDC 17 11:28:03.9.0.9, 24.60S:69.36W, h85km, 6km, mb3.6/6, mb1.3/8, mb1mx3.6/2.6, mbtmp3.9/8, MS2.7/1, Ms1.2/9/1, ms1mx2.3/2.1, Error ellipse: s-maj=24.6km s-min=10.7km az=100.0, GUC 17 11:28:03.4.0.7, 24.58S:69.34W, h82km, 5km, ML4.2, ISC 17 11:28:03.6.0.6, 24.57S:0.03:69.46W:0.04, h86km, 5km, n76, +1.940/104, mb4.0/6, 1C-4D, Northern Chile

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, GO02 Mina Guanaco, 0.60 191, Op, P, 11 28 19.3 +0.2, GO02 Mina Guanaco, 0.60 191, I, S, 11 28 31.2 +0.5, GO02 Mina Guanaco, 0.60 191, Pn, Pn, 11 28 19.5 +0.3, GO02 Mina Guanaco, 0.60 191, Sn, Sn, 11 28 31.1 +0.5, PB14 IPOC Station P, 0.86 266, eP, Pn, 11 28 22.8 +1.1, PB14 IPOC Station P, 0.86 266, eP, IAML, 11 28 41.6, PB14 IPOC Station P, 0.86 266, Pn, Pn, 11 28 22.9 +1.1, PB14 IPOC Station P, 0.86 266, Sn, Sn, 11 28 37.0 +1.7, PB14 IPOC Station P, 0.86 266, eS, Pn, 11 28 22.9 +1.1, PB14 IPOC Station P, 0.86 266, eS, Sn, 11 28 37.2 +1.9, PB14 IPOC Station P, 0.86 266, IAML, 11 28 41.4, PB15 IPOC Station P, 1.36 360, eP, Pn, 11 28 28.2 +0.6, PB15 IPOC Station P, 1.36 360, I, S, 11 28 46.6 +1.0, PB15 IPOC Station P, 1.36 360, Sn, Sn, 11 28 28.3 +0.6, PB15 IPOC Station P, 1.36 360, eS, Pn, 11 28 46.1 +0.4, PB15 IPOC Station P, 1.36 360, eP, Sn, 11 28 46.4 +0.4, PB15 IPOC Station P, 1.45 316, eS, Sn, 11 28 47.1 +1.5, PB10 IPOC Station P, 1.45 316, I, S, Pn, 11 28 30.1 +1.5, PB10 IPOC Station P, 1.45 316, IAML, 11 28 55.0, PB10 IPOC Station P, 1.45 316, Sn, Pn, 11 28 30.0 +1.5, PB10 IPOC Station P, 1.45 316, eS, Pn, 11 28 30.0 +1.5, PB10 IPOC Station P, 1.45 316, eS, Sn, 11 28 47.8 +0.4, PB10 IPOC Station P, 1.45 316, IAML, 11 28 55.0, PB05 IPOC Station P, 1.84 338, eP, Pn, 11 28 34.7 +1.0, PB05 IPOC Station P, 1.84 338, I, S, Pn, 11 29 00.2 +3.6, PB05 IPOC Station P, 1.84 338, IAML, 11 29 04.7, PB05 IPOC Station P, 1.84 338, eP, Pn, 11 28 34.7 +1.0, PB05 IPOC Station P, 1.84 338, eS, Pn, 11 29 00.0 +3.4, PB05 IPOC Station P, 1.84 338, IAML, 11 29 04.0, PB06 IPOC Station P, 1.86 357, eP, Pn, 11 28 34.7 +0.7, PB06 IPOC Station P, 1.86 357, I, S, Sn, 11 28 58.4 +1.3, PB06 IPOC Station P, 1.86 357, IAML, 11 29 04.3, PB06 IPOC Station P, 1.86 357, Sn, Pn, 11 28 34.8 +0.8, PB06 IPOC Station P, 1.86 357, eS, Sn, 11 28 57.9 +0.8, PB06 IPOC Station P, 1.86 357, eS, Sn, 11 29 05.0, AC01 Pan de Azucar, 1.87 213, I, P, Pn, 11 28 34.7 +0.6, AC01 Pan de Azucar, 1.87 213, I, S, Pn, 11 28 59.2 +2.1, AC01 Pan de Azucar, 1.87 213, IAML, 11 29 03.5, AC01 Pan de Azucar, 1.87 213, Sn, Pn, 11 28 34.8 +0.8, AC01 Pan de Azucar, 1.87 213, Sn, Pn, 11 28 55.0 -2.2, LVC Limon Verde, 2.02 15, P, Pn, 11 28 36.7 +0.5, LVC Limon Verde, 2.02 15, eP, Pn, 11 29 01.7 +0.6, LVC Limon Verde, 2.02 15, eP, Pn, 11 28 36.8 +0.5, LVC Limon Verde, 2.02 15, eP, Pn, 11 28 36.8 +0.5, LVC Limon Verde, 2.02 15, eS, Sn, 11 29 03.4 +2.3, LVC Limon Verde, 2.02 15, eS, Sn, 11 29 04.8, AC02 Maricunga, 2.27 172, eP, Pn, 11 28 41.0 +1.2, AC02 Maricunga, 2.27 172, Pn, Pn, 11 29 14.3, AC02 Maricunga, 2.27 172, Pn, Pn, 11 28 41.0 +1.2, PB04 IPOC Station P, 2.32 344, IAML, 11 29 16.8, PB04 IPOC Station P, 2.32 344, Pn, Pn, 11 28 40.3 +0.2, PB04 IPOC Station P, 2.32 344, eS, Sn, 11 28 40.7 +0.7, PB04 IPOC Station P, 2.32 344, eS, Sn, 11 29 08.2 +0.3, PB04 IPOC Station P, 2.32 344, IAML, 11 29 21.3, PB09 IPOC Station P, 2.77 4, eP, Pn, 11 28 46.8 +0.7, PB09 IPOC Station P, 2.77 4, Pn, Pn, 11 29 30.7, PB09 IPOC Station P, 2.77 4, Pn, Pn, 11 28 47.3 +1.2, PB09 IPOC Station P, 2.77 4, eP, Pn, 11 28 47.2 +1.0, PB09 IPOC Station P, 2.77 4, eS, Sn, 11 29 01.0 +1.1, PB09 IPOC Station P, 2.77 4, IAML, 11 29 32.8, PB07 IPOC Station P, 2.86 352, I, P, Pn, 11 28 47.4 0.0, PB07 IPOC Station P, 2.86 352, I, S, Pn, 11 29 23.1 +2.1, PB07 IPOC Station P, 2.86 352, IAML, 11 29 30.5, PB07 IPOC Station P, 2.86 352, Pn, Pn, 11 28 47.3 0.0, GO03 Copiap, 3.09 193, eP, Sn, 11 28 50.2 -0.1, GO03 Copiap, 3.09 193, I, S, Sn, 11 29 27.9 +1.6, GO03 Copiap, 3.09 193, IAML, 11 29 33.2, GO03 Copiap, 3.09 193, Pn, Pn, 11 28 50.5 +0.3, GO03 Copiap, 3.09 193, eP, Sn, 11 28 52.1 +1.8, GO03 Copiap, 3.09 193, eP, Sn, 11 29 28.6 +2.3, GO03 Copiap, 3.09 193, Pn, Pn, 11 29 01.1 +1.7, PB01 Catayete, 3.51 117, Op, P, 11 28 55.9 -0.2, PB01 IPOC Station P, 3.51 360, I, S, Pn, 11 29 38.5 +1.8, PB01 IPOC Station P, 3.51 360, IAML, 11 29 51.6, PB01 IPOC Station P, 3.51 360, Pn, Pn, 11 28 56.0 -0.2, SLA San Lorenzo, 3.61 93, eP, Pn, 11 29 00.0 +2.6, PATCX Punta Patache, 3.79 350, I, P, Pn, 11 28 58.6 -1.2, PATCX Punta Patache, 3.79 350, Pn, Pn, 11 28 58.6 -1.2, AC04 Llanos de Chal, 3.90 201, Pn, Pn, 11 29 01.1 -1.1, TA01 Diego Aracena, 4.04 350, I, P, Pn, 11 29 07.8 -1.6, TA01 Diego Aracena, 4.04 350, Pn, Pn, 11 29 01.8 -1.6, AC05 El Transito, 4.31 189, eP, Sn, 11 29 07.6 +0.7, AC05 El Transito, 4.31 189, I, S, Sn, 11 29 58.1 +2.1, AC05 El Transito, 4.31 189, Pn, Pn, 11 29 06.9 0.0, YJA Yavi, 4.34 57, eP, Pn, 11 29 10.3 +2.6, PB08 IPOC Station P, 4.42 4, eP, Pn, 11 29 08.1 -0.6, PB08 IPOC Station P, 4.42 4, Pn, Pn, 11 29 08.2 -0.5, LCO Las Campanas, 4.56 194, Pn, Pn, 11 29 09.3 -1.1, PSCG Pisagua, 4.99 353, eP, Pn, 11 29 13.7 -2.5, PSCG Pisagua, 4.99 353, Pn, Pn, 11 29 14.0 -2.2, P001 Juntas del Tor, 5.41 186, Pn, Pn, 11 29 22.6 +0.6, MINM Miny Mine, 5.42 359, Pn, Pn, 11 29 11.1 -1.1, GO04 Tololo Observa, 5.70 192, Pn, Pn, 11 29 25.2 -0.8, CO03 El Pedregal, 6.30 190, Pn, Pn, 11 29 35.8 +1.3, CO02 Combarbal, 6.74 191, Pn, Pn, 11 29 38.6 -1.5, LPAZ La Paz, 8.34 9, P, Pn, 11 30 03.1 +0.8, LPAZ La Paz, 8.34 9, LR, LR, 11 34 06.1, LPAZ La Paz, 8.34 9, Pn, Pn, 11 30 03.5 +0.3, LPAZ La Paz, 8.34 9, Pn, Pn, 11 30 10.2 +2.5, RFA San Rafael, 10.20 119, P, Pn, 11 30 17.6 +0.5, SIV San Ignacio, 11.61 44, P, Pn, 11 30 41.9 -4.5, SIV San Ignacio, 11.61 44, S, S, 11 32 41.3 -1.3, BDFB Brasilia, 21.99 70, P, P, 11 32 50.8 -0.2, BDFB Brasilia, 21.99 70, IAML, IAML, 11 32 55.7, TXAR Lajitas Array, 62.87 327, P, P, 11 38 22.4 +1.6, PDAR Pinedale Array, 76.52 331, P, P, 11 39 44.6 +0.1, PDAR Pinedale Array, 76.52 331, P, P, 11 39 44.6 +0.1, PDAR Pinedale Array, 76.52 331, P, P, 11 40 07.4 -0.1, ULM Lac du Bonnet, 78.09 343, P, P, 11 39 53.3 +0.6, ULM Lac du Bonnet, 78.09 343, P, P, 11 39 53.2 +0.4, ULM Lac du Bonnet, 78.09 343, P, IAML, IAML, 11 40 38.5, ULM Lac du Bonnet, 78.09 343, IAML, IAML, 11 40 38.5, comp=Z, 2.3nm, 1.9s

Table with columns: TORD Torodi Ar. Bea, 78.88 70, P, P, 11 39 57.5 -0.4, TORD Torodi Ar. Bea, 78.88 70, P, P, 11 40 20.4 -1.2, YKA Yellowknife Arr, 93.90 341, P, P, 11 39 57.8 -0.1, YKA Yellowknife Arr, 93.90 341, P, P, 11 41 33.8 -0.9, ASAR Alice Springs, 126.96 207, PKP, PKPbc, PKPbc, 11 46 58.7 -0.1, ASAR Alice Springs, 126.96 207, PKP, PKPbc, PKPbc, 11 46 55.6 -1.8, WRA Warramunga Arr, 130.05 210, PKP, PKPbc, PKPbc, 11 47 04.4 -0.6, ZALV Zalesovo Beam, 144.93 27, PKP, PKPbc, PKPbc, 11 47 30.9 +0.6, MKAR Makanchi Array, 148.38 38, PKPbc, PKPbc, PKPbc, 11 47 40.6 -1.0, MKAR Makanchi Array, 148.38 38, PKPbc, PKPbc, PKPbc, 11 48 03.9 -0.7, MKAR Makanchi Array, 148.38 38, PKPbc, PKPbc, PKPbc, 11 47 40.7 -0.9

IDC 17 11:39:50.4.2.3, 55.57S:27.11W, h0km, mb3.8/2, mb1.3/9/2, mb1mx3.8/2.0, mbtmp3.8/2, Error ellipse: s-maj=96.7km s-min=51.7km az=7.0, South Sandwich Islands region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, LPAZ La Paz, 50.14 305, Op, P, 11 48 47.8 -0.3, TORD Torodi Ar. Bea, 72.61 29, P, P, 11 51 19.4 +0.1, ILAR Eielson Array, 149.83 312, PKPbc, PKPbc, 11 59 40.6 -0.2, SONM Songoing Array, 150.65 86, PKPbc, PKPbc, 11 59 42.9 -0.5, comp=Z, 0.5nm, 0.5s, baz=237, slow=4.0, SNR=2.9

IDC 17 11:56:05.8.1.5, 3.42S:145.28E, h0km, mb3.9/4, mb1.4/1.6, mb1mx3.8/3.1, mbtmp3.9/6, ML3.9/1, MS3.3/7, Ms1.3.3/7, ms1mx3.0/3.7, Error ellipse: s-maj=43.0km s-min=24.8km az=107.0

NEIC 17 11:56:06.0.9.3, 3.45S:0.1x145.5E:0.1, h10km, 1km, mb4.1/6, Error ellipse: s-maj=27.8km s-min=6.3km

IDC 17 11:56:09.3.1.1, 3.55S:0.1x145.3E:0.2, h23km, n22, 0.688/17, mb4.1/4, MS3.2/5, Near north coast of New Guinea

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, MANU Manus Island, 2.51 56, Pn, Pn, 11 56 43.1 -5.6, PMG Port Moresby, 2.60 163, Pn, Pn, 11 57 40.8 +1.2, PMG Port Moresby, 2.60 163, Pn, Pn, 11 57 39.9 -0.3, SIJL Sorong, 14.24 280, LR, LR, 12 05 42.6, WB0 Warramunga Arr, 19.39 212, P, IAML, IAML, 12 00 33.9 +0.1, WB0 Warramunga Arr, 19.39 212, P, IAML, IAML, 12 00 49.7, WR0 Warramunga Arr, 19.46 212, P, P, 12 00 34.9 +0.3, WR0 Warramunga Arr, 19.46 212, P, IAML, IAML, 12 00 42.1, WRAB Tennant Creek, 19.55 212, P, IAML, IAML, 12 00 35.9 -1.0, WRAB Tennant Creek, 19.55 212, P, IAML, IAML, 12 00 39.7, WR2 Warramunga Arr, 19.55 212, P, Pn, 12 00 36.4 -0.6, WR2 Warramunga Arr, 19.55 212, P, Pn, 12 00 35.7 0.0, WRA Warramunga Arr, 19.55 212, P, LR, 12 08 34.0, WRA Warramunga Arr, 19.55 212, P, Pn, 12 08 36.4 -0.7, AS31 Alice Springs, 22.90 208, P, P, 12 01 11.8 +0.1, ASAR Alice Springs, 22.91 208, P, P, 12 01 12.0 +0.3, ASAR Alice Springs, 22.91 208, LR, LR, 12 11 16.9, ASAR Alice Springs, 22.91 208, P, P, 12 01 11.9 +0.3, FITZ Fitzroy Crossi, 24.12 231, P, P, 12 01 23.1 -0.5, FITZ Fitzroy Crossi, 24.12 231, LR, LR, 12 11 22.9, FITZ Fitzroy Crossi, 24.12 231, P, P, 12 01 23.9 +0.2, STKA Stephens Creek, 28.48 187, LR, LR, 12 12 34.5, JNU Nakatsue, 38.85 344, LR, LR, 12 19 42.5, KSR5 Korea Array, 43.79 340, LR, LR, 12 21 04.4, CMAR Chiang Mai Arr, 50.56 297, P, P, 12 05 07.4 +0.9, IMAR Indian Mounts, 81.74 21, P, P, 12 08 26.0 +0.2, ILAR Eielson Array, 83.84 24, P, P, 12 08 36.1 -0.6, ILAR Eielson Array, 83.84 24, P, P, 12 08 35.5 -1.2, IDC 17 12:07:03.2.2.2, 55.83S:31.20W, h0km, mb3.8/2, mb1.4/0.2, mb1mx3.8/1.9, mbtmp3.8/2, Error ellipse: s-maj=95.4km s-min=47.6km az=13.0, South Georgia Islands region

IDC 17 12:11:32.0.9.2, 81N:126.27E, h0km, mb3.7/8, mb1.3/9/9, mb1mx3.7/5.1, mbtmp3.8/9, ML3.6/1, MS3.0/1, Ms1.3.0/1, ms1mx2.4/4.4, Error ellipse: s-maj=53.3km s-min=15.4km az=71.0

DJA 17 12:11:37.4.2.4, 3.1N:7.127E, h15km, 27km, M4.2/7, mb4.7/1, mb4.9/1, ML3.9/7, Mw(MB)4.2/1

NEIC 17 12:11:40.0.1.5, 2.9N:0.1x126.6E:0.1, h70km, 9km, mb4.1/9, Error ellipse: s-maj=19.3km s-min=11.7km

IDC 17 12:11:40.5.0.7, 2.91N:0.07:126.7E:0.1, h63km, n31, 0.1566/28, mb4.0/10, 1C, Northern Molucca Sea

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, SGSI Sangihe, 1.37 304, Op, P, 12 12 01.6 +1.5, TNTI Ternate, 2.24 162, Pn, Pn, 12 12 15.2 0.0, TNTI Ternate, 2.24 162, Pn, Pn, 12 12 15.3 0.0, GTO Gorontalo, 4.29 238, Pn, Pn, 12 12 43.2 0.1, KCP Kidapawan, 4.36 339, I, P, Pn, 12 12 50.4 +6.1, MRSI Marisa, 5.30 243, P, Pn, 12 12 58.3 +1.2, LUWI Luwuk, 5.53 225, Pn, Pn, 12 13 02.9 +2.7, SIJL Sorong, 5.94 129, Pn, Pn, 12 13 06.7 +0.8, TOLIZ Tolitola, 6.14 253, Pn, Pn, 12 13 07.4 -1.3, APSI Apisa, 6.29 293, Pn, Pn, 12 13 16.5 +5.0, FAKI Fak Fak, 8.05 136, Pn, Pn, 12 13 36.2 +1.4, PBKI Pangkalan Bun, 15.99 250, P, Pn, 12 15 10.1 -1.2, FITZ Fitzroy Crossi, 20.90 183, P, Pn, 12 16 16.3 -1.5, FITZ Fitzroy Crossi, 20.90 183, P, IAML, IAML, 12 16 17.0 -0.8, FITZ Fitzroy Crossi, 20.90 183, P, IAML, IAML, 12 16 39.0, WB0 Warramunga Arr, 23.78 162, P, LR, 12 16 46.0 -1.5, PMG Port Moresby, 23.81 121, LR, LR, 12 27 55.4, WRAB Tennant Creek, 23.93 162, P, IAML, IAML, 12 16 47.6 -1.2, WRAB Tennant Creek, 23.93 162, P, IAML, IAML, 12 16 56.1, WRA Warramunga Arr, 23.93 162, P, P, 12 16 47.2 -1.6, WRA Warramunga Arr, 23.93 162, P, Pn, 12 16 47.4 -1.4, WB2 Warramunga Arr, 23.93 162, P, IAML, IAML, 12 16 47.6 -1.3, WB2 Warramunga Arr, 23.93 162, P, IAML, IAML, 12 17 10.9, WR0 Warramunga Arr, 24.01 162, P, IAML, IAML, 12 16 48.3 -1.3, WR0 Warramunga Arr, 24.01 162, P, IAML, IAML, 12 16 59.6

17d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AS31 Alice Springs, ASAR Alice Springs, BBOO Buckleye, STKA Stephens Creek, etc.

IDC 17 12:33:31.0.999.0.51:39N:31.97E, h0km, Error ellipse: s-maj=424.7km s-min=136.0km az=36.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, I46RU ZALEVOO INFRASIA, etc.

IDC 17 12:45:05.7.2.4.8:26S:119.70E, h199km, 21km, mb2.5/2, mb1 2.8/6, mb1mx2.7/35, mbmp3.3/6, Error ellipse: s-maj=64.9km s-min=14.9km az=53.0

IDC 17 12:45:05.9.1.2.8:35.0.1.19.9E:0.2, h200km, n6, c305/9, Flores region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAPI Kappang, BATI Baunata, BATI 1.9nm, FITZ Fitzroy Crossi, etc.

NNC 17 12:47:10.8.4.1.37:67N:71.74E, h0km, mb=23.5, mpv3.1, 1C-3D, Error ellipse: s-maj=31.0km s-min=5.0km az=170.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, KK31 Karatay Array, KK31 0.6nm, TKM2 Tokmak 2, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OHAQ Old Harbor, KAHC Katmai Hardscr, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDKA Kodiak Island, TASE Tanaga Southea, SVWZ Sparrevohn, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, ILAR 0.2nm, ILAR 0.3nm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK Inuvik, INK 0.3nm, INK 0.7nm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, YKA 0.1nm, YKA 0.9nm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H04A Detroit Lake, H04A 0.4nm, NEW Newport, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRN Pahroc Range, GSC Goldstone, GSC 2.6nm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TCCRU Cedar City, TCCRU 38.12, TCCRU 38.27, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X18A Snowflake, X18A Organ Pipe Nat, X18A 42.34, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANMO Albuquerque, ANMO 44.15, ANMO 44.31, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FRB Frobisher Bay, FRB 46.39, FRB 46.38, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRSR Korea Array, KRSR 48.23, KRSR 48.23, etc.

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

SGS 17 13:41:35.3, 30.705N-57.65E, h7km, M4.6
IDC 17 13:41:36.9, 0.6, 30.04N-57.64E, h0km, mb4.2/27, mb1.4/3.4, mb1mx4.2/5.1, mbtmp4.3/4, M4.0/6, MS3.9/26, Ms1.3/9/26, ms1mx3.7/48, Error ellipse: s-maj=13.4km s-min=11.6km az=146.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, SC. Includes stations like Cheshe me madani, Kerman, etc.

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

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

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

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like PAMC Pamplona, UREC San Jos de Ur, NBLI Livramento-PB, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like U56A King, U56A King, U56A King, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like P57A Homestead Farm, P59A Jarrettsville, TUL1 Leonard, etc.

17d 14h

Table with columns: ANMO, Albuquerque, 74.78 330, P, P, 14 47 27.1 +1.9, etc. Lists various locations and their associated data points.

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Table with columns: ISCO, Idaho Springs, 78.64 333, P, Pmax, 14 47 48.3 +1.4, etc. Lists various locations and their associated data points.

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Table with columns: LHV, Little Hunkton, 83.02 324, P, Iamb, 14 48 11.8 +1.9, etc. Lists various locations and their associated data points.

17d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for G64A Maxfield, PKME Peaks-Kenny Pk, PKME baz=10, G63A Kingsbury.

IDC 17 16:20:10.7,3.8,6.24S,148.87E,h91km,41km,mb3.3/4, mb1 3.6,mb1mx3.2/35,mbtmp3.7/6,MS3.5/1,Ms1 3.5/1, ms1mx2.6/21, Error ellipse: s-maj=80.1km s-min=24.6km az=126.0

ISC 17 16:20:11.1,1.6,6.3S,0.3,148.9E,0.5,h100km,n6, 15387,mb3.5/4,New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array.

NEIC 17 16:24:37.0,1.0,14.58S,0.09,167.4E,0.2,h158km,gkm, mb4.3/9, Error ellipse: s-maj=29.1km s-min=9.2km az=109.0

IDC 17 16:24:42.0,4.7,14.77S,167.31E,h202km,50km, mb3.4/10,mb1 3.5/11,mb1mx3.3/42,mbtmp3.9/11, Error ellipse: s-maj=44.2km s-min=23.5km az=153.0

ISC 17 16:24:38.5,0.9,14.62S,0.09,167.4E,0.2,h170km,n21, 15104/22,mb3.8/13,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SANVU Saraoutou, DZM Mt Dzumac, CTA Charters Tower, STKA Stephens Creek, WRO Warramunga Arr, WB0 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, BBOO Buckleboo, FITZ Fitzroy Crossi, PETK Petropavlovsk, SONM Songoing Array, ILAR Eielson Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ARCES ARCESS Array B, ARCES ARCESS Array B.

TAP 17 16:24:58.9,23.84N,121.87E,h27km,ML2.6,C JMA 17 16:24:58.2,0.1,23.82N,121.93E,h24km,3km,ML2.6 ISC 17 16:24:58.9,0.9,23.84N,0.02,121.90E,0.02,h332km,8km, n91,0569/151,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for HWA Hwalien, TWD Chiawana, ESL Shilin, NACB Ninganchiao, EGFH Guangfu, ETLH Xiulin Townshi, HGSB Ruisui, HGSB baz=229, ENA Nanau, EWUT Wuta, EHY Hungye, WHF Hehuan Shan, WVDT WVDT, CHGB Renai, CHGB baz=288, YULB Yu-I, YULB baz=229, EYUL Yuli, FUSS Fushou, FUSS baz=304.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TWF1 Yuli, NNSB Datong, NNSH Nan Shan, NNS Nanshan, TWC Suao, TWT Tachien, TWT Tachien, TDCB Techu, NDS Dongshan, FULB Fuli, NDT Datong Townshi, ENTT Nioudu, ENTT Nioudu, SSSL Suanglung, SSSL Suanglung, WPL Pulli Township, TWE Neicheng, TWE Neicheng, DPDB Guoxing, SMLT Sun Moon Lake, WCS Beigang Elemen, YUS Yu-Shan, YUS Yu-Shan, TYC Yuchr, TYC Yuchr, YHNB Yeheng, YHNB Yeheng, NSK Sangyuan, NSK Sangyuan, WHP Taichung City, WHP Taichung City, NWLT Wuai, NWLT Wuai, EDH Donghe, EDH Donghe, ELDTW Lidau, ELDTW Lidau, ALS Alishan, ALS Alishan, WJS Zhushan, WJS Zhushan, WNT Mingjian, WNT Mingjian, WWF Wufeng, WWF Wufeng, TIPB Shuangxi, TIPB Shuangxi, LIOB baz=357, LIOB baz=315, NSTT Nanjiang, NSTT Nanjiang, JYNG Yonagunijimaku, CHNS Tsaing, CHNS Tsaing, TWQ1 Liyutan, TWQ1 Liyutan, TCU Taichung, TCU Taichung, LONT Longtanshan, LONT Longtanshan, NJD Zhudong, NJD Zhudong, NHHD Xindian Distri, NHHD Xindian Distri, TATO Taipei, TATO Taipei, YOJ Yonaguni jima, YOJ Yonaguni jima, STYH Taoyuan, STYH Taoyuan, STYH Taoyuan, STYT Taoyuan, STYT Taoyuan, WCHH Zhanguhua, WCHH Zhanguhua, WDLH Douliu, WDLH Douliu, TWG6T Beinan, TWG6T Beinan, TPUB Taipu, TPUB Taipu, CHN4 Tsauhsan, CHN4 Tsauhsan, CHN4 Tsauhsan, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TWS1 Kuangyinshan, YM01 YMO1, YM10 YMO10, YM04 YMO4, YM05 YMO5, YM08 YMO8, WTK Tuk, WRL Guolierlin Hig, TWK Hsinying, TWK Hsinying, SGST Jiasian, SGST Jiasian, SLGT Liugu, SLGT Liugu, SSD Sandimen, SSD Sandimen, TSMG Mian-men Tao, MASBT Mashibuluo, MASBT Mashibuluo, IRIF Iriomote-Funau, IRIF Iriomote-Funau, JKRS Kuroshima, JKRS Kuroshima, JUJ Ishigaki jima, PHUB Peng-hu, PHUB Peng-hu, PNG Penghu, PNG Penghu, JISG Ishigakijimahi, JISG Ishigakijimahi, VWUC VWUC, PTTC Pingtan, PTTC Pingtan, PTMZ Houxiangcun, PTMZ Houxiangcun, KNMB Mian-men Tao, MHZQ Yeshan, AXDP Jialang.

BUI 17 16:33:17.0,0.0,39.50N,143.70E,h5km,mb5.5/75, mb5.4/83,Ms5.7/94,Ms7.6/87 IDC 17 16:33:20.2,0.5,39.58N,143.64E,h0km,mb5.0/27, mb1 5.1/35,mb1mx5.1/41,mbtmp5.1/35,ML4.1/8,MS4.9/41, Ms1 4.9/41,ms1mx4.8/57, Error ellipse: s-maj=1.30km s-min=10.6km az=117.0

NEIC 17 16:33:21.9,1.2,39.57N,0.05,143.58E,0.09,h10km,1km, mb5.9/328,Ms 20.5/143,Mwb5.5/42,Mwv5.5, Mwv5.5(GCMT), Error ellipse: s-maj=12.0km s-min=8.5km az=109.0

JMA 17 16:33:21.8,0.2,39.67N,143.72E,h34km,ML5.6 JMA Felt II J1. NIED 17 16:33:21.8,39.67N,143.72E,h34km,ML5.6 Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M0:0.95; M00:0.23; M01:1.18; M02:0.40; M03:0.64; Fault plane solution: M1,440000*10^17 NP1,35.00000*, 866.00000*, 112.00000*. NP2,35.171.00000*, 832.00000*, 1.51.00000*.

NEIC 17 16:33:21.2,39.58N,143.59E,h10km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1:1.44; M0:0.01; M0:1.43; M0:50; M0:0.26; M1:1.38; Fault plane solution: M2,070000*10^17 NP1,183.05000*, 822.96000*, 176.99000*. NP2,35.171.00000*, 867.66000*, 1.95.450000*. Principal axes: T 2.0614, Plg67.0000*, Azm299.0000*; N 0.0142, Plg5.0000*, Azm195.0000*; P -2.0756, Plg22.0000*, Azm103.0000*.

MOS 17 16:33:23.8,1.0,39.70N,143.57E,h33km,mb5.6/54, MS5.1/34 Error ellipse: s-maj=5.2km s-min=3.5km az=105.5

GCMT 17 16:33:26.3,0.1,39.61N,0.01,143.70E,0.11,h14km, MW5.1/154, Moment tensor: Scale 10^18; s1154,c311. Duration: 1s2. Moment tensor: Scale 10^17 Nm; M1:1.14; M0:0.09; M0:1.04; M0:0.45; M0:0.28; M0:0.28; M0:0.28; M0:0.28; Best double couple: M1,585000*10^17 NP1,189.00000*, 823.00000*, 179.00000*. NP2,35.21.00000*, 867.00000*, 1.95.00000*. Principal axes: T 1.6040, Plg67.0000*, Azm299.0000*; N -0.0320, Plg4.0000*, Azm199.0000*; P -1.5660, Plg22.0000*, Azm108.0000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 17 16:33:27.3,39.58N,143.70E,h13km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1:1.01; M0:0.00; M0:1.01; M0:0.68; M0:0.29; M0:1.49; Fault plane solution: M1,950000*10^17 NP1,186.00000*, 817.00000*, 174.00000*. NP2,35.23.00000*, 874.00000*, 1.95.00000*. Principal axes: T 1.9177, Plg61.0000*, Azm300.0000*; N 0.0555, Plg5.0000*, Azm202.0000*; P -1.9732, Plg29.0000*, Azm109.0000*.

NEIC 17 16:33:28.39,66N,143.55E,h16km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1:1.09; M0:0.07; M0:1.02; M0:0.64; M0:0.23; M0:1.67; Fault plane solution: M2,090000*10^17 NP1,187.00000*, 819.00000*, 177.00000*. NP2,35.20.00000*, 874.00000*, 1.93.00000*. Principal axes: T 2.1116, Plg60.0000*, Azm295.0000*; N -0.0337, Plg3.0000*, Azm199.0000*; P -2.0779, Plg29.0000*, Azm107.0000*.

BGR 17 16:33:32.1,0.0,40.80N,143.99E,h33km,mb5.4,Ms5.5 ISC 17 16:33:21.3,0.5,39.59N,0.03,143.65E,0.03,h11km,3km, h11km:pp-P,N1263,13131/1295,mb5.3/350,MS5.1/161, 138C-13D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MIYJ Miyakonagasawa, MIYJ Miyakonagasawa, JTH Tanohata, JTH Tanohata, JKEN Kujedanarisaw, JKEN Kujedanarisaw, OFUJ Ofunato, OFUJ Ofunato, JANG Nango, JANG Nango, JOM Ohasama, JOM Ohasama, JJKJ Kuzumaki, JJKJ Kuzumaki, JKMT Kesenumamototy, JKMT Kesenumamototy, JMK Ichinosue, JMK Ichinosue, JSZJ Iwateshizuku, JSZJ Iwateshizuku, JIO Ouri, JIO Ouri, JIKR Ichinomakikobu, JIKR Ichinomakikobu, JARK Aomoriyokasho, JARK Aomoriyokasho, JTN Tenabayashi, JTN Tenabayashi, JTM Tenabayashi, JTM Tenabayashi, JRG Rokugo, JRG Rokugo, JOFO Osakifurukawo, JOFO Osakifurukawo, JAH Erimo, JAH Erimo, ERM Erimo, ERM Erimo, comp=Z,601nm,1.3s, ERM Erimo, ERM Erimo, JOU Okura, JOU Okura.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Suanglung, Yu-li, Ta-pu, Pinlang, Baotou, Guam, Chin-men Tao, Bodaibo, Ulanbaatar, Songino Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Qiongzong, Davao City, Kunming, Chongqing, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Chiang Mai, Old Harbor, Chiang Mai Arr, LSA, etc.

WRH	Wood River Hill	45.99	34	P	P	16 41 44.4 +1.0		
SML	Sawmill	45.90	38	P	I	16 41 44.2 +0.6		
SML				I	Amb	16 42 04.1		
TCOL	comp=Z,44nm,1.2s							
CIG0, UAF Yank	45.98	34	P	I	P	16 41 43.6 -0.4		
TCOL	comp=Z,25nm,0.9s					16 41 59.3		
COLA	College	45.98	34	i	P	16 41 46.4 +2.3		
COLA				p	max			
COLA	comp=Z,32nm,1.1s							
COLA	College	45.98	34	P	I	16 41 43.4 -0.7		
COLA				I	Amb	16 41 59.3		
CCB	Clear Creek Bu	46.01	34	P	P	16 41 45.2 +0.9		
SAIH	SAIH	46.02 264	eP	P	P	16 41 45.0 -0.1		
PATY	Pattaya	46.05 247	P	P	P	16 41 49.0 +3.7		
POKR	Poker Plat Res	46.05 213	P	P	P	16 41 46.9 +1.4		
POKR	baz=271,SNR=7.4							
POKR	Poker Plat Res	46.15 33	P	I	Amb	16 41 46.5 +1.0		
POKR				I	Amb	16 42 06.5		
SCM	Sheep Creek Mo	46.37 38	P	P	P	16 41 48.5 +1.1		
SCM				p	max			
SCM	comp=Z,48nm,1.1s							
SCM	Sheep Creek Mo	46.37 38	P	I	Amb	16 41 48.5 +1.1		
SCM				I	Amb	16 42 13.4		
HDA	Harding Lake	46.38 34	P	P	P	16 41 48.4 +1.1		
HDA	baz=271							
HDA	Harding Lake	46.38 34	P	I	Amb	16 41 48.0 +0.6		
HDA				I	Amb	17 02 26.9		
IL31	comp=Z,1µm,19.0s							
IL31		46.40 34	P	I	Amb	16 41 47.9 +0.6		
IL31				I	Amb	16 42 02.7		
ILAR	Eielson Array	46.40 34	P	P	P	16 41 48.1 +0.7		
ILAR	comp=Z,6.8nm,0.8s,ba=261,slow=5.8,SNR=54							
ILAR	Eielson Array	46.40 34	P	P	P	16 41 48.1 +0.7		
TARA	Tarawa	46.47 138	I	Amb	Amb	16 58 45.0		
AGT	Agartala	46.60 267	iP	P	P	16 41 50.5 +1.0		
AGT				I	Amb	16 41 55.9		
SBUM	Sibu	46.71 226	P	P	P	16 41 49.9 -0.5		
SBUM	comp=Z,116nm,0.9s							
SBUM				I	Amb	16 41 55.3		
SBUM	comp=Z,28nm,1.4s					I	Amb	17 03 10.3
SBUM	Sibu	46.71 226	P	P	P	16 41 52.0 +1.6		
GTK	Tadong	46.87 272	eP	I	Amb	16 41 52.6 +0.8		
GTK				I	Amb	16 41 55.3		
M24K	Tolson, Glenn	46.89 37	P	P	P	16 41 52.1 +0.7		
PHET	Kaeng Krachan	46.95 248	P	P	P	16 41 54.1 +1.8		
FYU	Fort Yukon	47.02 31	P	P	P	16 41 53.4 +1.2		
KLU	Klutina	47.07 38	P	P	P	16 41 53.8 +1.0		
SHLS	Shalkode	47.25 296	iP	P	P	16 41 52.1 -2.4		
SHLS	comp=Z,39nm,0.8s,ba=296							
SHLS	Shalkode	47.25 296	iP	P	P	16 41 52.1 -2.4		
SHLS				p	max			
TDK	Taldyqorghan	47.40 299	eP	P	P	16 41 55.7 +0.1		
TDK	comp=Z,233nm,1.7s,ba=299							
TDK				e	S	16 48 49.8 +0.3		
TDK	baz=299			LR	LR	17 01 48.2		
TDK	Taldyqorghan	47.40 299	eP	P	P	16 41 55.6 +0.1		
TDK	comp=Z,2µm,12.4s,ba=299							
TDK				e	S	16 48 49.7 +0.3		
TDK				p	max			
TDK	comp=Z,233nm,1.7s					MLR	MLR	
BKB	Baikpapan	47.47 218	P	P	P	16 41 55.0 -1.3		
BKB	comp=Z,2µm,12.0s							
BKB	Baikpapan	47.47 218	P	P	P	16 41 57.5 +1.2		
BKB	comp=Z,72nm,0.9s							
TAPN	Taplejung	47.55 273	eP	P	P	16 41 57.8 +0.6		
UZB	Uzymbulak	47.56 296	iP	P	P	16 41 57.3 +0.3		
UZB	comp=Z,182nm,1.2s							
UZB	Uzymbulak	47.56 296	iP	P	P	16 41 57.2 +0.3		
UZB	comp=Z,199nm,2.2s,ba=296							
N25K	Chitina, Valde	47.69 38	P	P	P	16 41 59.1 +1.5		
N25K	comp=Z,277							
KPKS	Kokpek	47.69 297	iP	P	P	16 41 58.3 +0.4		
KPKS	comp=Z,105nm,1.8s,ba=297							
KPKS				e	PP	16 43 50.0 +0.6		
KPKS	baz=297							
KPKS	Kokpek	47.69 297	iP	P	P	16 41 58.3 +0.4		
KPKS				e	PP	16 43 49.9		
KPKS				p	max			
DOT	Dot Lake	47.71 35	P	P	P	16 41 58.0 +0.3		
SCRK	Sand Creek	47.71 35	P	P	P	16 41 59.0 +1.2		
SCRK	comp=Z,276,SNR=12							
SATY	Saty	48.01 296	iP	P	P	16 42 00.9 +0.4		
SATY	comp=Z,72nm,2.1s,ba=296							
SATY	Saty	48.01 296	iP	P	P	16 42 00.9 +0.4		
SATY				p	max			
ODAN	Odare	48.04 272	eP	P	P	16 42 01.4 +0.4		
ODAN	comp=Z,72nm,2.1s							
GLB	Gilahina Butte	48.08 38	P	P	P	16 42 01.2 +0.6		
GLB	comp=Z,15nm,0.9s							
GLB				I	Amb	16 42 05.7		
MTKI	Muara Teweih, K	48.16 220	P	P	P	16 42 02.5 +0.8		
MTKI	comp=Z,2µm,comp=Z,42nm,1.1s							
VRDI	Verde Repeater	48.28 38	P	P	P	16 42 01.8 -0.6		
KSM	Kuching	48.58 227	P	P	P	16 42 05.1 +0.2		
KSM	Kuching	48.58 227	P	P	P	16 42 07.0 +2.0		
RAMN	Ramite	48.60 273	eP	P	P	16 42 06.0 +0.6		
RAMN	comp=Z,97nm,0.7s							
TGL	Tana Glacier	48.66 39	P	P	P	16 42 05.1 -0.1		
TGL				I	Amb	16 42 32.6		
GUN	Gumba	48.68 275	eP	P	P	16 42 06.9 +0.8		
GUN	comp=Z,63nm,1.5s							
CHKK	Chushkaly	48.73 298	iP	P	P	16 42 06.0 +0.1		
CHKK	comp=Z,315nm,0.7s							
CHKK	Chushkaly	48.73 298	iP	P	P	16 42 05.9 +0.1		
EGAK	Eagle	48.84 33	P	P	P	16 42 06.5 +0.1		
EGAK	comp=Z,298							
BALM	Baldy	48.84 38	P	P	P	16 42 06.9 +0.3		
PMG	Port Moresby	48.85 175	P	P	P	16 42 07.3 +0.4		
PMG	comp=Z,42nm,1.2s							
BNSI	Bone	48.85 215	P	P	P	16 42 07.3 +0.4		
BNSI	comp=Z,18nm,1.2s							
PMG	Port Moresby	48.85 175	P	P	P	16 42 07.3 +0.4		
BNSI	Bone	48.85 215	P	P	P	16 42 07.4 +0.4		
MDOK	Medeo	48.91 297	iP	P	P	16 42 08.2 +0.8		
MDOK	comp=Z,826nm,comp=Z,53nm,1.1s							
MDOK	baz=297							
MDOK				e	PP	16 44 01.7 +1.1		
MDOK	baz=297							
MDOK				e	S	16 49 12.4 +1.2		
MDOK	comp=Z,2µm,14.5s,ba=297							
MDOK	Medeo	48.91 297	iP	P	P	16 42 08.2 +0.8		
MDOK				e	S	16 44 01.6		
MDOK				e	S	16 49 12.4 +1.2		
MDOK				MLR	MLR			
AAA	Alma-Ata	48.99 297	iP	P	P	16 42 08.8 +0.9		
AAA	comp=Z,2µm,14.0s							
AAA	Alma-Ata	48.99 297	iP	P	P	16 42 08.8 +0.9		
AAA	comp=Z,36nm,0.7s,ba=297							
AAA	baz=297							
AAA	Alma-Ata	48.99 297	iP	P	P	16 42 08.8 +0.9		
AAA				p	max			
TNSS	Tian-Shan	49.03 297	iP	P	P	16 42 09.7 +1.0		
TNSS	comp=Z,36nm,0.7s							
TNSS	Tian-Shan	49.03 297	iP	P	P	16 42 09.6 +1.0		
TNSS	baz=297							
KUU	Kury	49.16 298	iP	P	P	16 42 09.2 0.0		
KUU	comp=Z,286nm,2.2s,ba=298							
KUU	Kury	49.16 298	iP	P	P	16 42 09.1 0.0		
KUU				p	max			
BARN	Barnard Glacie	49.17 38	P	I	Amb	16 42 10.2 +1.0		
BARN	comp=Z,286nm,2.2s							
BARN	Kakani	49.20 275	eP	P	P	16 42 34.9		
BARN	comp=Z,22nm,1.0s							
KKN	Kakani	49.20 275	eP	P	P	16 42 10.6 +0.7		

PKI	comp=Z,298nm,0.7s					
Pulchoki	49.21 274	eP	P	P	P	16 42 10.3 +0.2
Pulchoki	comp=Z,221nm,1.2s					
PKIN	Pulchoki	49.22 274	eP	P	P	16 42 10.4 +0.3
PKIN	comp=Z,78nm,1.0s					
CTGM	Chitina Glacie	49.32 38	P	I	Amb	16 42 10.9 +0.5
CTGM				I	Amb	16 42 32.5
DMN	comp=Z,47nm,1.5s					
Damag	49.42 275	eP	P	P	P	16 42 12.4 +0.7
DMN	comp=Z,108nm,0.7s					
TABL	Table Mountain	49.53 39	P	I	Amb	16 42 13.4 +1.5
TABL				I	Amb	16 42 29.4
KAPI	Kapang	49.56 212	P	P	P	16 42 12.3 0.0
GKN	Gorkha	49.59 275	eP	P	P	16 42 13.3 +0.5
BRZS	Berezinski	49.66 307	iP	P	P	16 42 13.1 +0.2
BRZS	comp=Z,177nm,0.8s,ba=307					
BRZS	Berezinski	49.66 307	iP	P	P	16 42 13.1 +0.2
BRZS	comp=Z,307			e	S	16 49 21.7 +0.5
BRZS	Berezinski	49.66 307	iP	P	P	16 42 13.0 +0.2
BRZS				e	S	16 49 21.6 +0.5
BRZS				p	max	
TKM2	Tokmak 2	50.00 297	P	P	P	16 42 16.9 +1.1
TKM2	SNR=113					
DANN	Dangsing	50.10 276	eP	P	P	16 42 17.9 +1.1
DANN	comp=Z,658nm,0.7s					
BRVK	Borovyoe	50.24 311	eP	P	P	16 42 17.9 +0.7
BRVK	comp=Z,75nm,0.8s					
BRVK	Borovyoe	50.24 311	P	P	P	16 42 17.6 +0.4
BRVK	comp=Z,2µm,20.0s					
BRVK	Borovyoe	50.24 311	P	P	P	16 42 18.3 +1.1
BRVK	Baital	50.32 300	iP	P	P	16 42 17.6 -0.3
BRVK	comp=Z,53nm,2.2s,ba=300					
BTLS	Baital	50.32 300	iP	P	P	16 42 17.6 -0.3
BTLS				p	max	
BBKI	Banjar Baru	50.37 219	P	P	P	16 42 18.7 +0.1
BBKI	comp=Z,45nm,1.0s					
TRTT	Trang	50.43 243	P	P	P	16 42 20.0 +1.0
SGDS	Sogindy	50.47 298	iP	P	P	16 42 19.6 +0.4
SGDS	comp=Z,82nm,2.4s,ba=298					
SGDS	baz=298			e	S	16 49 33.5 +0.6
SGDS	Sogindy	50.47 298	iP	P	P	16 42 19.6 +0.4
SGDS				e	S	16 49 33.4 +0.6
SGDS				p	max	
KBK	Karagaybulak	50.54 297	P	P	P	16 42 20.8 +0.9
KBK	SNR=12					
CHMS	Chumyshy	50.55 298	P	P	P	16 42 20.4 +0.6
USP	Ospenovka	50.63 298	P	P	P	16 42 20.8 +0.5
AAK	Ala-Archa	50.86 297	P	P	P	16 42 22.7 +0.5
AAK	SNR=18					
AAK	Ala-Archa	50.86 297	iP	P	P	16 42 22.2 0.0
AAK	Ala-Archa	50.86 297	eP	P	P	16 42 22.5 +0.3
AAK				p	max	
AAK	comp=Z,142nm,1.7s					
AAK	Ala-Archa	50.86 297	P	I	Amb	16 42 22.2 0.0
AAK				I	Amb	16 42 45.3
AAK	Ala-Archa	50.86 297	I	Amb	Amb	17 04 14.6
AAK	comp=Z,2µm,18.0s					
AAK	Ala-Archa	50.86 297	P	P	P	16 42 22.8 +0.5
AAK	Uchtor	50.95 297	P	P	P	16 42 24.8 +1.0
AAK	SNR=10					
KSH	Kashi	51.00 293	P	P	P	16 42 27.5 +4.2
KSH				p	P	16 42 33.0 +3.5
KSH				p	P	16 44 24.8 +5.3
KSH				S	S	16 49 43.1 +2.7
KSH				SS		

17d 16h

PALK	Pallekele	64.63	258	IAMs_20	IAMs_20	17	12	53.6
PSAD1	Pilbara Seismi	64.68	205	IAMs_20	IAMs_20	17	06	10.1
PSA00	Pilbara Seismi	64.78	205	P	P	16	43	59.5 -0.4
PSAA1	Pilbara Seismi	64.79	205	IAMs_20	IAMs_20	17	04	04.1
GOA	Goa	64.82	270	eP	P	16	44	01.1 +0.6
E04D	Cinebar	64.90	49	P	P	16	44	01.7 +1.2
DZM	Mont Dzumac	64.93	157	eS	S	16	52	19.7 -23
DZM	comp-Z,499nm,25.2s			eLQ	LQ	17	00	26.6
DZM	comp-Z,2um,31.1s			eLR	LR	17	02	54.7
LON	Longmire	65.24	49	P	P	16	44	03.4 +0.5
LON	comp-Z,6.0nm,0.8s							
LON	Longmire	65.24	49	P	P	16	44	03.4 +0.5
KULLO	Kullorsuaq	65.27	6	iP	P	16	44	03.3 +0.8
KULLO	comp-Z,34nm,1.1s							
KULLO	Kullorsuaq	65.27	6	iP	P	16	44	03.3 +0.8
KULLO	comp-Z,34nm,1.1s							
KULLO	Kullorsuaq	65.27	6	iP	IAMB	16	44	03.3 +0.8
I02D	Swissheo	65.42	52	P	P	16	44	05.0 +1.1
LTY	Liberty	65.63	48	P	P	16	44	06.1 +0.7
LTY	comp-Z,12nm,0.7s							
B08A	Colville Reser	65.80	47	P	P	16	44	07.2 +0.8
J01E	Myrtle Point	65.87	53	P	P	16	44	07.4 +0.5
H04D	Lebanon	65.88	51	P	P	16	44	07.5 +0.6
F05D	White Salmon	65.91	50	P	P	16	44	08.6 +1.5
I03D	Drain, OR	65.94	52	P	P	16	44	08.5 +1.2
H04A	Detroit Lake	66.12	51	P	P	16	44	09.4 +0.8
H04A	IAMs_20			IAMs_20		17	06	22.5
MOS	Moscow	66.25	324	eP	P	16	44	07.3 -1.8
MOS	comp-Z,781nm,19.0s							
MOS	Moscow	66.25	324	eP	P	16	44	07.3 -1.8
MOS	comp-Z,781nm,19.0s							
MOS	Moscow	66.25	324	eP	P	16	44	07.3 -1.8
MOS	comp-Z,781nm,19.0s							
MOS	Moscow	66.25	324	eP	P	16	44	07.3 -1.8
MOS	comp-Z,781nm,19.0s							
K02D	Willamette Mer	66.29	54	P	P	16	44	10.5 +0.8
G05D	Wamic, OR	66.34	50	P	P	16	44	11.3 +1.4
I04A	Tendick Farm,	66.47	52	P	P	16	44	11.7 +0.2
E07A	Sunnyside	66.48	48	P	P	16	44	11.9 +1.1
E07A	comp-Z,39nm,1.4s							
L02E	Cave Junction	66.61	54	P	P	16	44	13.0 +1.3
C09A	Chrisman Ranch	66.70	47	P	P	16	44	12.8 +0.7
D08A	Wollman Farm,	66.74	48	P	P	16	44	13.4 +1.0
D08A	IAMB			IAMB		16	44	13.4 +1.0
HAWA	Hanford	66.76	48	P	P	16	44	13.8 +1.2
HAWA	comp-Z,19nm,1.2s							
I05D	Terrebonne, OR	66.82	51	P	P	16	44	13.9 +0.9
VRH	Novokhoporsk	66.87	318	eP	P	16	44	12.8 -0.3
VRH	comp-Z,50nm,0.9s							
VRH	Novokhoporsk	66.87	318	eP	P	16	44	12.8 -0.3
VRH	comp-Z,50nm,0.9s							
J04D	Umpqua Nationa	66.95	52	P	P	16	44	15.3 +1.2
E08A	Dider Farm, El	66.97	48	P	P	16	44	15.2 +1.3
E08A	IAMB			IAMB		16	44	17.4
NEW	Newport	67.08	46	LR	LR	17	12	54.4
NEW	comp-Z,245nm,20.5s							
NEW	Newport	67.08	46	P	P	16	44	16.1 +1.4
NEW	comp-Z,304SNR=10							
NEW	Newport	67.08	46	P	P	16	44	14.8 +0.2
NEW	comp-Z,19nm,1.0s							
NEW	Newport	67.08	46	P	P	16	44	14.8 +0.2
NEW	comp-Z,19nm,1.0s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s							
UPNV	Upernavik	67.08	6	iP	P	16	44	15.6 +1.4
UPNV	comp-Z,28nm,1.1s	</						

WHZT	Whakaora	0.28 180	P	Pn	19 16 47.1 +1.0
HLRZ	Highlands Stat	0.34 67	P	Pn	19 16 47.8 +1.6
ALRZ	Allen Road	0.35 121	P	Pn	19 16 47.0 +0.8
WART	Wairara	0.37 30	P	Pn	19 16 47.2 +0.9
KARZ	Kaharoa	0.43 202	P	Pn	19 16 47.4 +0.9
OMRZ	Omanu	0.43 50	P	Pn	19 16 47.4 +0.9
RRRZ	Republican Roa	0.44 84	P	Pn	19 16 47.2 +0.6
TARZ	Mount Tararua	0.46 71	P	Pn	19 16 47.5 +0.8
MKRZ	Makatiti	0.47 59	P	Pn	19 16 48.2 +1.4
RATZ	Rangitukua	0.50 197	P	Pn	19 16 47.4 +0.5
HATZ	Hinemaiaia	0.52 168	P	Pn	19 16 47.4 +0.4
KMRZ	Kaima	0.54 200	P	Pn	19 16 47.9 +0.8
MRHZ	Matea Rd	0.58 142	P	Pn	19 16 47.6 +0.3
MRHZ			S	Sn	19 17 04.7 +0.9
RITZ	Rihia Road	0.60 187	P	Pn	19 16 48.2 +0.8
KATZ	Kakaramea	0.63 199	P	Pn	19 16 48.2 +0.5
MUGZ	Murupara	0.65 99	P	Pn	19 16 47.7 +0.1
MUGZ			S	Sn	19 17 05.1 +0.7
MARZ	Manawahe	0.69 55	P	Pn	19 16 49.0 +1.0
TGRZ	Tauranga	0.69 20	P	Pn	19 16 48.8 +0.8
TGRZ			S	Sn	19 17 07.8 +2.9
OPRZ	Ohinepanea	0.71 41	P	Pn	19 16 48.7 +0.6
OPRZ			S	Sn	19 17 06.7 +1.6
KRVZ	Karewarewa	0.75 199	P	Pn	19 16 48.8 +0.3
TMVZ	Te Maari	0.76 195	P	Pn	19 16 49.0 +0.4
ETVZ	East Tongariro	0.78 194	P	Pn	19 16 49.0 +0.3
WTVZ	West Tongariro	0.79 201	P	Pn	19 16 49.0 +0.2
TWVZ	Taurewa	0.80 201	P	Pn	19 16 49.1 +0.3
OTVZ	Oturewa	0.81 196	P	Pn	19 16 49.2 +0.2
RTVZ	Ruatuhuna	0.83 106	P	Pn	19 16 49.3 +0.2
RTVZ			S	Sn	19 17 07.3 +0.5
HIZ	Hautiti	0.88 261	P	Pn	19 16 49.9 +0.6
BKZ	Black Stump Fm	0.89 152	P	Pn	19 16 49.9 +0.2
BKZ			S	Sn	19 17 06.7 +0.9
URZ	Urewera	0.92 83	P	Pn	19 16 49.4 +0.1
URZ			S	Sn	19 17 07.7 0.0
NMHZ	Naumai	0.97 137	P	Pn	19 16 51.3 +1.1
NMHZ			S	Sn	19 17 10.9 +2.1
NWVZ	Wahianoa	0.98 196	P	Pn	19 16 50.5 +0.2
PKVZ	Pokaka	1.02 208	P	Pn	19 16 53.5 +0.9
PKVZ			S	Sn	19 17 10.5 +0.9
RAHZ	Arahi	1.03 121	P	Pn	19 16 51.3 +0.7
RAHZ			S	Sn	19 17 11.0 +1.4
KWHZ	Kaweka Forest	1.10 161	P	Pn	19 16 51.9 +0.6
RAGZ	Rawiri	1.15 96	P	Pn	19 16 52.0 +0.3
RAGZ			S	Sn	19 17 12.1 +0.6
SNVZ	Shannon Statio	1.15 111	P	Pn	19 16 52.2 +0.5
VRZ	Vera Road	1.20 231	P	Pn	19 16 52.3 +0.3
ARVZ	Aropoanui	1.20 138	P	Pn	19 16 52.7 +0.6
ARVZ			S	Sn	19 17 12.8 +0.6
MCHZ	McNeill Hill	1.21 152	P	Pn	19 16 53.0 +0.8
MCHZ			S	Sn	19 17 15.3 +1.1
WHVZ	Waihua	1.22 125	P	Pn	19 16 52.8 +0.6
WHVZ			S	Sn	19 17 13.3 +0.8
MWZ	Matawai	1.23 88	P	Pn	19 16 52.4 +0.1
KRVZ	Kereru	1.30 166	P	Pn	19 16 53.1 0.0
RUGZ	Raukumara Rang	1.42 73	P	Pn	19 16 53.5 +0.9
MKAZ	Moumakai	1.42 333	P	Pn	19 16 55.0 +0.7
RIGZ	Rimuahu	1.45 103	P	Pn	19 16 54.8 +0.2
KNZ	Kokohu	1.49 116	P	Pn	19 16 54.9 0.0
TKGZ	Te Karaka	1.49 93	P	Pn	19 16 55.5 +0.6
PNHZ	Pukerua	1.50 173	P	Pn	19 16 54.8 +0.6
CKHZ	Cape Kidnapper	1.54 165	P	Pn	19 16 55.8 +0.3
WAZ	Wanganui	1.56 209	P	Pn	19 16 55.5 +0.3
HAZ	Te Kaha	1.57 67	P	Pn	19 16 55.0 +0.8
KAHZ	Kahuranaki	1.58 153	P	Pn	19 16 56.1 +0.1
PRGZ	Paritutu Road	1.60 110	P	Pn	19 16 56.2 0.0
TWVZ	Tauwharopareae	1.62 67	P	Pn	19 16 56.5 +0.2
LREZ	Lake Rotokare	1.62 228	P	Pn	19 16 55.9 +0.4
TSZ	Takapari Road	1.67 180	P	Pn	19 16 56.3 +0.7
PREZ	Palmer Road	1.70 235	P	Pn	19 16 57.6 +0.3
NEZ	North Egmont	1.70 238	P	Pn	19 16 57.8 +0.4
MWVZ	Mahia Peninsula	1.71 117	P	Pn	19 16 57.5 +0.1
WVZ	Waiheke Island	1.72 73	P	Pn	19 17 02.9 +0.3
WPHZ	Waipukurau	1.72 168	P	Pn	19 16 56.9 +0.6
PKE	Pukeiti	1.74 242	P	Pn	19 16 58.5 +0.7
PKVZ	Pakihoro	1.74 74	P	Pn	19 16 57.6 +0.2
CNGZ	Carnagh Statio	1.77 94	P	Pn	19 16 58.4 +0.3
KHEZ	Kahui Hut	1.77 238	P	Pn	19 16 59.3 +0.1
PKZ	Pukekohe	1.79 157	P	Pn	19 17 01.7 +0.5
DVHZ	Dannevirke	1.92 175	P	Pn	19 16 58.5 +0.7
PRHZ	Porangahau	1.95 165	P	Pn	19 16 59.3 +0.8
POWZ	Post Office Ro	2.01 184	P	Pn	19 16 59.4 +1.4
WMVZ	Waiomatatini S	2.02 75	P	Pn	19 17 00.4 +0.5
MKZ	Matakaoa Point	2.03 67	P	Pn	19 17 00.8 +0.3
ANWZ	Angora Road	2.11 169	P	Pn	19 17 01.0 +1.0
GRZ	Great Barrier	2.17 349	P	Pn	19 17 03.0 +0.3
PRWZ	Pori Road	2.17 180	P	Pn	19 17 01.5 +1.2
MRZ	Mangatainoka R	2.29 187	P	Pn	19 17 02.3 +1.9
BFZ	Birch Farm	2.31 175	P	Pn	19 17 02.6 +1.7
TFWZ	Tintock	2.39 181	P	Pn	19 17 03.5 +1.8
OGVZ	Otaki Gorge	2.51 194	P	Pn	19 17 04.7 +2.0
CPWZ	Castlepoint	2.53 176	P	Pn	19 17 05.8 +1.3
HOWZ	Holdswordh Sta	2.53 188	P	Pn	19 17 04.7 +2.4
KIWZ	Kapiti Island	2.60 198	P	Pn	19 17 05.4 +2.5
TMWZ	Te Maipua	2.72 181	P	Pn	19 17 07.0 +2.3
MTW	Mount Morrison	2.81 194	P	Pn	19 17 07.5 +2.8
CAW	Cannon Point	2.82 194	P	Pn	19 17 07.9 +2.6
DUVZ	D'Urville Isla	2.88 212	P	Pn	19 17 08.7 +2.7
TRWZ	Traveller	3.02 184	P	Pn	19 17 10.4 +2.8
PARWZ	Paruawai Farm	3.02 188	P	Pn	19 17 10.2 +3.0
WEL	Wellington	3.02 188	P	Pn	19 17 10.4 +3.0
MSWZ	Moikau Station	3.08 190	P	Pn	19 17 11.8 +3.1
TCW	Tory Channel	3.11 204	P	Pn	19 17 11.3 +3.0
BHW	Baring Head	3.13 195	P	Pn	19 17 11.4 +3.3
PLWZ	Palisser	3.23 189	P	Pn	19 17 10.9 +3.0
TUVZ	Tuamara	3.42 206	P	Pn	19 17 15.3 +2.9
NWZ	Nelson	3.45 215	P	Pn	19 17 15.7 +3.3
QRZ	Quartz Range	3.60 226	P	Pn	19 17 16.7 +3.9
BSWZ	Blackbirch Sta	3.69 205	P	Pn	19 17 18.6 +3.2
THZ	Tophouse	4.11 214	P	Pn	19 17 23.4 +3.9
KHZ	Kahutara	4.43 204	P	Pn	19 17 27.4 +4.0
DSZ	Dennistown Nort	4.63 222	P	Pn	19 17 29.6 +4.5
ARVZ	Arundel	4.63 211	P	Pn	19 17 35.5 +5.2
LTZ	Lake Taylor	5.21 211	P	Pn	19 17 36.6 +5.3
OKCZ	Okains Bay	5.77 201	P	Pn	19 17 44.2 +5.0
RPZ	Rata Peaks	6.49 213	P	Pn	19 17 53.8 +5.0
GMSZ	Gaunt Creek Bo	6.52 219	P	Pn	19 17 54.6 +4.6
ARVZ	Arundel	6.63 211	P	Pn	19 17 55.5 +5.2
TCZ	Timaru	7.06 210	P	Pn	19 18 01.1 +5.3
WKZ	Wanaka	8.27 217	P	Pn	19 18 16.9 +5.8

Code	Station Name	Δ ^x	Δ ^y	Δ ^z	Phase ID	Time	Res
SEI	Scarpieria	0.16	195	↑	P	19 42 57.2	-0.5
SEI					S	19 43 00.2	0.0
MTRZ	Monterenzio	0.17	13	↑	P	19 42 56.8	-1.3
MTRZ					S	19 43 00.4	-0.4
FNVZ	Fontana Vidola	0.21	260	↑	P	19 42 58.3	-0.4
FNVZ					S	19 43 02.2	+0.4
LMD	Lutirano	0.25	121	↑	P	19 42 58.5	-0.8
LMD					S	19 43 03.4	+0.6
IMOL	Imola, Italy	0.28	57	↑	P	19 43 00.5	+0.5
IMOL					S	19 43 07.5	+1.4
ZCCA	Zocca	0.34	295	↑	P	19 43 01.5	+0.4
ZCCA					S	19 43 01.8	+0.6
MTCR	Monte La Croce	0.35	239	↑	P	19 43 00.6	-0.6
MTCR					S	19 43 06.3	+0.5
PTF	Prato	0.35	225	↑	P	19 43 00.6	-0.6
RUFU	Rufina	0.37	169	↑	P	19 43 00.8	-0.8
RUFU					S	19 43 07.0	+0.5
FIU	Minerbio FI	0.44	7	P	Pb	19 43 04.0	+0.1
ASQU	Asqua	0.49	146	↑	P	19 43 02.8	-1.0
ASQU					S	19 43 07.1	+0.4
CMPO	Campotto P	0.47	37	P	Pb	19 43 05.6	+1.1
ASQU	Asqua	0.49	146	↑	P	19 43 02.8	-1.0
ASQU					S	19 43 07.1	+0.4
POPM	Popiglio	0.50	251	↑	P	19 43 03.1	-0.8
POPM					S	19 43 03.2	-0.8
POPM					S	19 43 11.5	+1.0
CRMI	Carmignano	0.52	218	↑	P	19 43 03.5	-0.9
CRMI					S	19 43 11.9	+0.6
MODE	Modena	0.54	322	P	Pb	19 43 05.8	+0.1
RAVA	Ravaro	0.59	339	↑	P	19 43 08.0	-0.6
BDI	Bagni Di Lucca	0.60	257	↑	P	19 43 04.8	-1.2
BDI					S	19 43 15.6	+0.1
OSSC	Osservatorio P	0.69	190	Sg	Sg	19 43 06.5	-1.1
OSSC					Sg	19 43 17.2	+0.5
OSSC					Sg	19 43 16.5	-1.1
OSSC					Sg	19 43 16.9	+0.3
PRMA	PARMA	0.96	306	P	Pn	19 43 14.6	+0.9
PRMA					P	19 43 14.9	+1.2
APEC	Apecchio	0.97	131	↑	P	19 43 12.0	-1.0
GRAM	Graiana	1.01	287	↑	P	19 43 13.3	-0.3
GRAM					P	19 43 13.3	-0.3
CRE	Caprese Michel	0.70	146	P	Pg	19 43 07.0	-0.9
CRE					S	19 43 18.0	-0.3

CRE	comp=N,13600um,0.3s	AML	AML
FERS	Ferrara-Casagl 0.70 7	AML	AML
FERS	comp=N,23050um,0.6s	AML	AML
FERS	comp=E,18950um,0.5s	AML	AML
CAVE	Cavezzo 0.72 336	Pn	19 43 10.6 +0.2
CAVE	comp=E,21250um,0.5s	AML	AML
CAVE	comp=N,16300um,0.7s	AML	AML
MAIM	Mastiano 0.72 247	P	19 43 07.1 -1.1
MAIM	comp=N,16300um,0.7s	AML	AML
MAIM	comp=N,8260um,0.8s	AML	AML
MAIM	comp=N,7950um,0.6s	AML	AML
SARO	Sassorosso 0.73 269	P	19 43 07.4 -0.9
SARO	comp=N,5465um,0.6s	AML	AML
SARO	comp=N,5465um,0.6s	AML	AML
CSNT	Castellina Ch 0.74 187	P	19 43 07.3 -1.1
CSNT	comp=N,15750um,0.3s	AML	AML
CSNT	comp=E,14850um,1.4s	AML	AML
VLC	Villacollemand 0.74 267	Pg	19 43 07.5 -1.0
VLC	comp=N,8960um,1.1s	AML	AML
VLC	comp=N,8955um,1.1s	AML	AML
VLC	comp=E,5390um,0.7s	AML	AML
VLC	comp=N,8690um,1.1s	AML	AML
VLC	comp=N,5505um,0.8s	AML	AML
ERBM	Eremo 0.75 287	P	19 43 08.3 -0.4
ERBM	comp=E,2605um,0.9s	AML	AML
ERBM	comp=E,2790um,0.9s	AML	AML
ERBM	comp=N,3085um,0.6s	AML	AML
BLLA	Bellaria 0.76 94	P	19 43 08.8 -0.1
BLLA	comp=E,7365um,1.4s	AML	AML
BLLA	comp=N,6815um,0.5s	AML	AML
BLLA	comp=N,6795um,0.5s	AML	AML
BLLA	comp=E,7390um,1.4s	AML	AML
CPGN	Carpegna, Ital 0.77 121	P	19 43 09.0 -0.1
CPGN	comp=E,8150um,0.6s	AML	AML
CPGN	comp=N,8495um,0.8s	AML	AML
CPGN	comp=N,8520um,1.4s	AML	AML
CPGN	comp=N,8545um,1.1s	AML	AML
CPGN	comp=E,8155um,0.6s	AML	AML
CPGN	comp=N,8475um,1.4s	AML	AML
CPGN	comp=N,8480um,1.1s	AML	AML
NOVE	Novellara 0.77 320	AML	AML
NOVE	comp=N,2940um,0.5s	AML	AML
NOVE			

OBKA	Obir	SNR=3.1	3.19	43	i Pn	Pn	19 43 43.6	-0.9
OBKA	Obir	comp=E,17nm,0.3s,SNR=8.6	3.19	43	e Pn	Pn	19 43 43.8	-0.7
OBKA	Obir	SNR=38	3.19	43	e Pn	Pn	19 43 43.8	-0.7
OZLJ	Ozalj	SNR=38	3.21	63	i Pn	Pn	19 43 44.3	-0.3
EMBD	Embd, Mattereda	SNR=310	3.23	341	i Pn	Pn	19 43 47.5	+2.5
DAVA	Damuels	comp=E,33nm,0.3s,SNR=31	3.26	341	e Pn	Pn	19 43 47.0	+1.5
DAVA	Damuels	SNR=38	3.26	341	e Pn	Pn	19 43 47.2	+1.7
DAVA	Damuels	SNR=2.2	3.26	341	e Sn	Pn	19 44 28.1	+3.7
DAVA	Damuels	SNR=38	3.26	341	e Pn	Pn	19 43 47.2	+1.7
DAVA	Damuels	SNR=2.2	3.26	341	e Sn	Pn	19 44 28.1	+3.7
CALF	Calern	SNR=38	3.27	264	P	Pb	19 43 45.1	-0.5
CALF	Calern	SNR=38	3.27	264	P	Pb	19 43 47.0	-5.3
CALF	Calern	SNR=38	3.27	264	P	Pb	19 44 26.4	+1.8
CALF	Calern	SNR=38	3.27	264	P	Pb	19 43 45.3	-0.3
CALF	Calern	SNR=38	3.27	264	P	Pb	19 43 45.3	-0.3
LSD	Lago del Serru	comp=N,172um,1.4s	3.29	294	AML	AML		
CRSD	Cres	comp=E,148um,1.3s	3.29	59	e Pn	Pn	19 43 44.9	-0.9
OBER	Oberstdorf	SNR=12	3.30	347	e Pn	Pn	19 43 47.3	+1.5
OBER	Oberstdorf	SNR=12	3.30	347	e Pn	Pn	19 43 47.3	+1.5
SURF	Saint Ours	SNR=12	3.31	276	P	Pn	19 43 47.2	+1.1
RETA	Reutte	comp=E,37nm,0.4s,SNR=23	3.31	352	i Pn	Pn	19 43 46.5	+0.4
RETA	Reutte	SNR=23	3.31	352	i Pn	Pn	19 43 46.5	+0.4
MBDF	Montbardon	comp=E,30nm,0.3s	3.36	281	e Pn	Pn	19 43 47.1	+0.2
MBDF	Montbardon	SNR=38	3.36	281	e Pn	Pn	19 43 49.8	+2.9
MBDF	Montbardon	SNR=38	3.36	281	e Pn	Pn	19 44 25.2	-1.7
BNI	Bardonecchia	comp=E,73nm,0.5s	3.48	286	Pn	Pb	19 43 47.8	-0.7
OGAG	Argentiere	SNR=276	3.50	276	Pn	Pb	19 43 53.7	-2.7
OGAG	Argentiere	SNR=276	3.50	276	Pn	Pb	19 44 34.4	+4.1
FRF	La Foret Royal	SNR=276	3.50	261	e Pn	Pn	19 43 47.7	-1.0
FRF	La Foret Royal	SNR=276	3.50	261	e Pn	Pn	19 43 51.2	+2.5
FRF	La Foret Royal	SNR=276	3.50	261	e Pn	Pn	19 44 27.6	-2.5
SOKA	Soboth	comp=E,184nm,0.5s	3.55	45	i Pn	Pn	19 43 48.7	-0.7
SOKA	Soboth	comp=E,6.8nm,0.4s	3.55	45	i Pn	Pn	19 43 48.7	-0.7
SOKA	Soboth	SNR=13	3.55	45	i Pn	Pn	19 43 48.7	-0.7
LPG	La Plagne	comp=E,74nm,0.5s	3.56	293	e Pn	Pn	19 43 50.0	+0.3
LPG	La Plagne	SNR=293	3.56	293	e Pn	Pn	19 43 53.2	+3.5
LPG	La Plagne	SNR=293	3.56	293	e Pn	Pn	19 44 30.5	-1.3
LPL	La Plagne	comp=E,206nm,0.8s	3.58	293	e Pn	Pn	19 43 50.0	+0.3
LPL	La Plagne	SNR=293	3.58	293	e Pn	Pn	19 43 53.2	+3.5
LPL	La Plagne	SNR=293	3.58	293	e Pn	Pn	19 44 29.6	-2.6
UBR	Ueberhuh	comp=E,95nm,0.5s	3.59	346	e Pn	Pn	19 43 50.7	+0.8
UBR	Ueberhuh	SNR=42	3.59	346	e Pn	Pn	19 43 50.7	+0.8
UBR	Ueberhuh	SNR=42	3.59	346	e Pn	Pn	19 43 50.7	+0.8
KLJV	Kljevo	SNR=91	3.60	91	Pn	Pn	19 43 51.8	+1.8
SENN	Lac Senin/Sane	SNR=308	3.62	308	Pn	Pn	19 43 52.2	+1.3
ZAG	Zagreb	SNR=65	3.63	62	e Pn	Pn	19 43 54.0	+3.7
PTJ	Puntijarka	SNR=65	3.65	61	e Pn	Pn	19 43 49.7	-1.1
TREM	Isola Tremiti	comp=E,808um,1.1s	3.65	123	AML	AML		
TREM	Isola Tremiti	SNR=123	3.65	123	AML	AML		
WILA	Wila	comp=N,900um,0.6s	3.66	332	e Pn	Pn	19 43 51.4	+0.6
WILA	Wila	SNR=13	3.66	332	e Pn	Pn	19 43 51.4	+0.6
LMR	La Moure	SNR=258	3.66	258	e Pn	Pn	19 43 49.8	-0.9
LMR	La Moure	SNR=258	3.66	258	e Pn	Pn	19 43 53.2	+2.6
LMR	La Moure	SNR=258	3.66	258	e Pn	Pn	19 44 32.2	-1.7
RJOB	RJOB	comp=N,84nm,0.4s	3.66	15	e Pn	Pn	19 43 51.4	+0.6
RJOB	RJOB	SNR=25	3.66	15	e Pn	Pn	19 43 51.4	+0.6
RJOB	RJOB	SNR=25	3.66	15	e Pn	Pn	19 43 51.4	+0.6
OGDI	Digne	SNR=270	3.68	270	Pn	Pn	19 43 54.5	+3.4
MELA	Melanico ??? S	SNR=131	3.70	131	P	Pn	19 43 52.2	+0.9
MELA	Melanico ??? S	SNR=131	3.70	131	P	Pn	19 43 52.2	+0.9
MELA	Melanico ??? S	SNR=131	3.70	131	P	Pn	19 43 52.2	+0.9
MELA	Melanico ??? S	SNR=131	3.70	131	P	Pn	19 43 52.2	+0.9
MELA	Melanico ??? S	SNR=131	3.70	131	P	Pn	19 43 52.2	+0.9
RSL	Roselend	comp=E,562um,1.4s	3.71	295	Pn	Pn	19 43 54.0	+2.4
RSL	Roselend	SNR=295	3.71	295	Pn	Pn	19 44 37.6	+2.2
RSL	Roselend	SNR=295	3.71	295	Pn	Pn	19 43 54.1	+2.5
RSL	Roselend	SNR=295	3.71	295	Pn	Pn	19 43 54.1	+2.5
BE1	Monatshausen	SNR=358	3.71	358	e Pn	Pn	19 43 52.3	+0.8
BE1	Monatshausen	SNR=10	3.71	358	e Pn	Pn	19 43 52.3	+0.8
ZUR	Zur Degrenied	SNR=10	3.73	329	P	Pn	19 43 54.7	+2.9
HVAR	Hvar	SNR=104	3.79	104	i Pn	Pn	19 43 52.9	+0.3
BLAF	les Blancs	SNR=268	3.88	268	Pn	Pn	19 43 56.0	+2.2
GDM	Grand/Maison	SNR=287	3.91	287	Pn	Pn	19 43 57.3	+3.0
GDM	Grand/Maison	SNR=287	3.91	287	Pn	Pn	19 44 44.3	+4.1
GDM	Grand/Maison	SNR=287	3.91	287	Pn	Pn	19 43 58.3	+4.0
PAOL	Paolis	SNR=143	3.94	143	Pn	Pn	19 43 54.4	-0.3
SGART	San Giovanni R	SNR=126	4.01	126	P	Pn	19 43 55.6	-0.2
SGRT	San Giovanni R	SNR=126	4.01	126	i Pn	Pn	19 43 55.7	0.0
SGRT	San Giovanni R	SNR=126	4.01	126	i Pn	Pn	19 43 55.7	0.0
SGRT	San Giovanni R	SNR=126	4.01	126	i Pn	Pn	19 43 55.7	0.0
SGRT	San Giovanni R	SNR=126	4.01	126	i Pn	Pn	19 43 55.7	0.0
ORIF	Oris-en-Rattie	comp=N,302um,0.6s	4.02	282	e Pn	Pn	19 43 55.7	-0.1
ORIF	Oris-en-Rattie	SNR=282	4.02	282	e Pn	Pn	19 43 58.9	+3.1
ORIF	Oris-en-Rattie	SNR=282	4.02	282	e Pn	Pn	19 44 39.7	-3.2
ORIF	Oris-en-Rattie	SNR=282	4.02	282	e Pn	Pn	19 43 58.4	+2.6
ORIF	Oris-en-Rattie	SNR=282	4.02	282	e Pn	Pn	19 44 46.9	+4.0
ORIF	Oris-en-Rattie	SNR=282	4.02	282	e Pn	Pn	19 44 46.9	+4.0
ORIF	Oris-en-Rattie	SNR=282	4.02	282	e Pn	Pn	19 44 46.9	+4.0
ORIF	Oris-en-Rattie	SNR=282	4.02	282	e Pn	Pn	19 44 46.9	+4.0
SULZ	Chelsacher	comp=N,164um,0.5s	4.04	326	P	Pn	19 43 56.4	+0.3
MOSL	Moslavina	SNR=4.05	4.05	360	P	Pn	19 43 55.0	-1.1
MOSL	Moslavina	SNR=4.05	4.05	360	P	Pn	19 44 40.8	-2.8
TORNJ	Torny/Romont	SNR=60	4.05	311	P	Pn	19 43 57.8	+1.6
KALN	Kalnitz	SNR=60	4.05	311	P	Pn	19 43 54.5	-1.7
ASEAF	Site Antares,	SNR=252	4.07	252	P	Pn	19 43 59.3	+3.2
BALST	Balsthal	SNR=322	4.07	322	P	Pn	19 43 57.5	+1.1
BALST	Balsthal	SNR=322	4.07	322	e Pn	Pn	19 43 57.6	+1.1
BALST	Balsthal	SNR=7.5	4.07	322	e Pn	Pn	19 43 57.6	+1.1
BALST	Balsthal	SNR=7.5	4.07	322	e Pn	Pn	19 43 57.6	+1.1
MLYF	Mely	SNR=269	4.07	269	Pn	Pn	19 43 59.9	+3.4
MGRS	Mirkonjic Grad	SNR=4.08	4.08	85	e Pn	Pn	19 43 56.9	+0.4
SLE	Schleiheim	SNR=331	4.10	331	P	Pn	19 43 56.7	-0.2
SLE	Schleiheim	SNR=331	4.10	331	P	Pn	19 43 56.6	-0.2
SLE	Schleiheim	SNR=331	4.10	331	e Pn	Pn	19 43 56.6	-0.2
SLE	Schleiheim	SNR=331	4.10	331	e Pn	Pn	19 43 56.6	-0.2
SLE	Schleiheim	SNR=331	4.10	331	e Pn	Pn	19 43 56.6	-0.2
MSAG	Monte S. Angel	SNR=1.4	4.14	126	P	Pn	19 43 57.6	+0.2
MSAG	Monte S. Angel	SNR=1.4	4.14	126	P	Pn	19 43 57.6	+0.2
MSAG	Monte S. Angel	SNR=1.4	4.14	126	P	Pn	19 43 57.6	+0.2
MOA	Molin	comp=N,455um,0.5s	4.15	28	i Pn	Pn	19 43 56.9	-0.7
MOA	Molin	comp=N,6.0nm,0.2s,SNR=10	4.15	28	i Pn	Pn	19 43 56.9	-0.7
MOA	Molin	SNR=10	4.15	28	i Pn	Pn	19 44 46.7	+0.6
MOA	Molin	SNR=23	4.15	28	e Pn	Pn	19 43 57.6	0.0
MOA	Molin	SNR=23	4.15	28	e Pn	Pn	19 43 57.6	0.0
MAKA	Makarska	SNR=101	4.17	101	e Pn	Pn	19 43 57.9	+0.2
BLV	Banja Luka	SNR=40	4.17	90	e Pn	Pn	19 43 57.3	-0.4
ARSA	Arzberg	comp=N,16nm,0.4s,SNR=8.7	4.19	42	i Pn	Pn	19 43 57.1	-1.0
ARSA	Arzberg	SNR=8.7	4.19	42	i Pn	Pn	19 43 57.1	-1.0
ARSA	Arzberg	SNR=8.7	4.19	42	i Pn	Pn	19 43 57.1	-1.0

ARSA	Arzberg	SNR=16	4.19	42	e Pn	Pn	19 43 57.1	-1.0
ARSA	Arzberg	SNR=16	4.19	42	i Pn	Pn	19 43 57.1	-1.0
ARSA	Arzberg	SNR=16	4.19	42	i Pn	Pn	19 43 57.1	-1.0
ARSA	Arzberg	comp=E,133um,1.3s	4.20	98	e Pn	Pn	19 43 59.2	+1.0
RICI	Ricci	SNR=289	4.21	289	e Pn	Pn	19 43 58.9	+0.5
SMRF	Simiane la Rot	SNR=269	4.21	269	e Pn	Pn	19 44 01.8	+3.4
SMRF	Simiane la Rot	SNR=269	4.21	269	e Pn	Pn	19 44 48.3	+0.7
SMRF	Simiane la Rot	SNR=269	4.21	269	e Pn	Pn	19 43 58.5	-0.2
LSTV	Lastovo	SNR=108	4.24	108	i Pn	Pn	19 44 00.7	+1.3
RUSF	Rustrel	SNR=289	4.28	289	P	Pn	19 44 01.1	+1.5
OGSM	Saint Maurice	SNR=281	4.30	281	P	Pn	19 44 01.6	+2.1
OGSM	Saint Maurice	SNR=281	4.30	281	P	Pn	19 44 01.6	+2.1
BOURR	Bourrin	SNR=319	4.33	319	P	Pn	19 44 00.2	+0.2
BEHE	Becsehely	SNR=4.41	4.41	57	e Pn	Pn	19 44 02.1	+1.0
BRANT	Les Verrieres	SNR=4.47	4.47	310	P	Pn	19 44 01.9	+0.6
CABF	La Chapelle	SNR=305	4.46	305	Pn	Pn	19 44 02.4	+0.6
CABF	La Chapelle	SNR=305	4.46	305	e Pn	Pn	19 44 05.4	+3.6
CABF	La Chapelle	SNR=305	4.46	305	e Pn	Pn	19 44 51.2	-2.5
KIZ	Kirchzarten	comp=E,41nm,0.6s	4.47	328	Pn	Pn	19 44 01.4	-0.5
KIZ	Kirchzarten	SNR=328	4.47	328	Pn	Pn	19 44 01.2	-2.7
LOMF	Lomont	SNR=4.49	4.49	316	Pn	Pn	19 44 03.0	+0.7
LOMF	Lomont	SNR=4.49	4.49	316	Pn	Pn	19 44 52.0	-2.6
LOMF	Lomont	SNR=4.49	4.49	316	P	Pn	19 44 03.9	+1.6
LOMF	Lomont	SNR=4.49	4.49	316	P	Pn	19 44 03.9	+1.6
VULT	Monte Vulture	comp=N,306um,1.1s	4.49	135	AML	AML		
VULT	Monte Vulture	SNR=135	4.49	135	AML	AML		
CHMF	Charmoille	comp=E,164um,0.7s	4.51	314	Pn	Pn	19 44 02.6	+0.1
CHMF								

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like BUR08, BURAR, ITM, ALN, etc.

NEIC 17 19:48:56.7, 1.4, 10'S:0.1x166'E:0.2, h153km, 7km, mb4.6/21, Error ellipse: s-maj=21.9km s-min=15.7km

IDC 17 19:48:57.5, 3.3, 10'S:59S:166.03E, h161km, 49km, mb3.6/11, mb1.3.8/12, mb1mx3.6/36, mbmpq.4/12, Error ellipse: s-maj=26.9km s-min=21.0km az=154.0

ISC 17 19:48:56.8, 0.6, 10.63S:0.07x166.1E:0.1, h155km, n53, az=078/52, mb4.5/25, Santa Cruz Islands

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like VRDI, GLB, VLD, etc.

NEIC 17 19:55:05.8, 1.3, 1.78S:0.08x131.57E:0.09, h10km, 5km, mb4.4/15, Error ellipse: s-maj=17.0km s-min=5.8km az=50.0

IDC 17 19:55:06.4, 1.4, 1.91S:130.98E, h0km, mb3.7/2, mb1.3.9/4, mb1mx3.6/30, mbmpq.7/4, ML3.8/2, Error ellipse: s-maj=50.3km s-min=11.5km az=102.0

ISC 17 19:55:06.4, 0.7, 1.79S:0.07x131.6E:0.1, h10km, n27, r111/27, mb4.3/8, Irian Jaya region

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

TAP 17 20:05:35.5, 24.45N:121.90E, h18km, ML2.8, B JMA 17 20:05:35.2, 24.40N:121.91E, h22km, 4km, M2.0

ISC 17 20:05:35.1, 0.8, 24.43N:121.95E:0.02, h15km, 5km, n99, az=57/158, 7C-4D, Taiwan

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like NNS, NNS, NWLT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HGSD Ruisui, NMLH Miaoil, TWQ1 Lyutan, etc.

ISC 17:20:12:38.4.4.9, 8.12N, 104.34W, h0km, mb3.3/4, mb1.3.8/9, mb1mx3.6/32, mbtmp3.4/4, MS3.5/5, Ms1.3.5/5, ms1mx3.3/14, Error ellipse: s-maj=181.5km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H06E1 SOCORRO T-PHASE 328 330, CMIG Matias Romero, LPIG La Paz, etc.

NIED 17:20:27:33.4.39.65N, 143.61E, h23km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mm:3.58; Mm0:1.3; Mm0-3:71; Mm0:2.37; Mm0-1:47; Mm0:2.18; Fault plane solution: Ms:0.80000x10^14 NP1p:37.00000, s66.00000, lambda:108.00000. NP2p:179.00000, s80.00000, lambda:56.00000.

JMA 17:20:27:33.3.0.2.39.65N, 143.61E, h23km, M4.0, mb1.3.8/9, mb1mx3.6/42, mbtmp3.7/9, ML3.1/2, MS3.4/3, Ms1.3.4/3, ms1mx2.7/75, Error ellipse: s-maj=34.8km s-min=18.4km az=105.0

NEIC 17:20:27:41.8.1.5.39.92N, 0.07, 142.9E, 0.1, h40km, 10km, mb4.0/12, Error ellipse: s-maj=14.6km s-min=8.8km az=113.0

ISC 17:20:27:31.0.8.39.81N, 104.143E, 0.08, h12km, n65, s140/65, mb3.8/13, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JTH Tanohata, MNVJ Miyakogasawa, JKNF Kujedanmarisaw, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, ASAJ Matsuushiro, JKA MATSUSHIRO ARR, etc.

ISC 17:20:49:25.0.1.9.58.08S, 25.59W, h0km, mb4.3/1, mb1.4/3, mb1mx3.7/21, mbtmp4.3/1, Error ellipse: s-maj=102.4km s-min=75.1km az=134.0

ISC 17:20:49:32.3.1.9.58.0S, 0.2-25.7W, 0.6, h49km, n7, s0534/7, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer Olymp, VNA3 Neumayer-Watz, etc.

ISC 17:21:15:46.0.2.1.24.72N, 122.02E, h0km, mb3.5/4, mb1.3.7/4, mb1mx3.4/6, mbtmp3.5/4, MS3.6/2, Ms1.3.6/2, ms1mx2.7/43, Error ellipse: s-maj=149.8km s-min=27.1km az=65.0

TAP 17:21:15:46.5.24.84N, 122.03E, h13km, ML3.4, B JMA 17:21:15:47.1.24.84N, 121.97E, h37km, M3.0

ISC 17:21:15:46.8.0.8.24.83N, 122.00E, 0.02, 122.03E, 0.02, h11km, s5km, n132, s075/152, mb3.5/4, 30C-2D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, TWB2 Santiao Chiao, TWB1 Toucheng, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NWLT Wulai, TAP1 Taipei, TATO Taipei, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TPUB, STYH, STYT, WTP, JSG, etc.

IDC 17 21:47:26.6:2.4, 101.43Sx160.55E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.8/44, mbmtmp3.9/7, ML4.1/1, MS3.3/5, Ms1 3.3/5, ms1mx3.3/1. Error ellipse: s-maj=54.8km s-min=19.3km az=91.0

NEIC 17 21:47:30.6: 1.7, 101.29S;0.05:160.03E:0.6, h10km,2km, mb4.2/11, Error ellipse: s-maj=10.3km s-min=7.9km az=118.0

ISC 17 21:47:30.2:1.2, 103.9S;0.07:160.1E:0.2, h10km, n26, c158/24, mb4.0/10, MS3.3/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR, PMG, DZM, CTA, etc.

IDC 17 22:19:48.0:1.7, 50.03N;91.78E, h0km, mb1 3.2/4, mb1mx3.0/45, mbmtmp3.2/4, ML2.9/4, Error ellipse: s-maj=25.2km s-min=16.3km az=14.0

NMC 17 22:19:48.0:2.5, 50.06N;91.81E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=24.2km s-min=12.9km az=100.0

ASRS 17 22:19:50.8:0.3, 50.1N;92.1E, h10km, ML4.0/14, smi:org.gfz-potsdam.de/geofon/LOCSAT_earthModelID smi:org.gfz-potsdam.de/geofon/lab_cofirme

ISC 17 22:19:49.0:0.4, 91.70E;0.03, h10km, n39, c184/65, 9C-4D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CUR, KZLR, ULGR, etc.

IDC 17 22:29:36.8:23.0, 7.34N;102.30W, h0km, mb3.3/3, mb1 3.8/3, mb1mx3.5/28, mbmtmp3.4/3, MS3.4/1, Ms1 3.4/1, ms1mx2.9/12, Error ellipse: s-maj=416.2km s-min=148.4km az=138.0, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TXAR, ANMO, NVAR, etc.

JMA 17 22:34:32.0:2.4, 39.92N;143.28E, h13km,4km, M3.3, IDC 17 22:34:40.1:3.0, 40.17N;142.01E, h0km, mb3.5/4, mb1 3.5/5, mb1mx3.3/43, mbmtmp3.4/5, ML1.9/1, Error ellipse: s-maj=78.5km s-min=26.7km az=69.0

ISC 17 22:34:32.6:1.7, 39.95N;107.443E:0.1, h10km, n18, c05/17, mb3.4/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JTH, MIYJ, KANG, etc.

WRA Warramunga Arr 60.7 190 P P 22 44 50.1 +10

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC, JMA, ISC, etc.

NMC 17 22:45:25.4:4.3, 37.94N;69.40E, h0km, mb3.8, mpv3.6, 2C-2D, Error ellipse: s-maj=30.0km s-min=28.6km az=49.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRLS, KK31, MRKS, etc.

WEL 17 22:53:02.1:0.6, 32.5N;111.8W;0.2'6, h330km,9km, M4.3/21, mB4.8/21, ML4.9/6, MLV4.9/15, Mw(mB)4.1/21, Error ellipse: s-maj=0.0km s-min=0.0km az=11.5

IDC 17 22:53:05.7:4.0, 32.43N;111.97W;0.3'7km,40km, mb3.5/3, mb1 3.6/5, mb1mx3.4/31, mbmtmp4.3/5, Error ellipse: s-maj=45.8km s-min=27.8km az=8.0

ISC 17 22:53:02.4:0.8, 32.16S;0.08:180.0E:0.2, h350km, n49, c130/60, mb3.6/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GLKZ, HAZ, PKGZ, etc.

IDC 17 22:29:36.8:23.0, 7.34N;102.30W, h0km, mb3.3/3, mb1 3.8/3, mb1mx3.5/28, mbmtmp3.4/3, MS3.4/1, Ms1 3.4/1, ms1mx2.9/12, Error ellipse: s-maj=416.2km s-min=148.4km az=138.0, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TXAR, ANMO, NVAR, etc.

KRSC 17 23:03:54.3:3.0, 48.17N;156.66E, h9km,54km, ML3.9, East of Kuril Islands

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

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

TEH 17 23:46:21.6, 32.220N, 47.60E, h18km, ML3.2
ISC 17 23:46:24.9, 1.3, 32.220N, 0.05, 47.55E, 0.04, h35km, n26,
a1521/30, Iran-Iraq border region

Main table for Iran-Iraq border region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like DHLI, AHWZ, IKFM, etc.

WEL 17 23:18:39.9, 0.7, 38.5S, 18.0W, h33km, M3,748,
mb4.8/3, ML3.8/48, MLV3.6/48, Mw(MB)4.1/3, Error
ellipse: s-maj=0.0km s-min=0.0km az=24.3, East of
North Island

Main table for North Island with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like WMGZ, MXZ, MXZ, etc.

JMA 17 23:55:16.6, 0.2, 39.60N, 143.36E, h22km, 3km, M3.7
NIED 17 23:55:16.6, 39.60N, 143.36E, h22km, MW3.7, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm;
M2: 1.9; M3: -0.29; M4: -1.90; M5: 1.2; M6: -1.44; M7: 2.93;
Fault plane solution: M0: 3.800x10^14 NPT: 3.5, 000000,
delta_s: 0.00000, lambda: 0.00000. NP2: 203.00000, 31.7, 000000,
1.76, 000000.

UDC 17 23:55:23.8, 2.3, 40.06N, 141.99E, h0km, mb3.7/4,
ms1 2.9/76, mb1mx3.5/34, mbtm3/6/6, ML3.2/2, MS2.8/1,
Ms1 2.8/1, ms1mx2.4/40 Error ellipse: s-maj=47.3km
s-min=26.9km az=141.0

ISC 17 23:55:16.9, 2.5, 39.64N, 0.07, 143.23E, 0.09, h7km, 14km,
n28, e072/28, mb3.6/4, Off east coast of Honshu

Main table for Honshu region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like MIYJ, JTH, JKEN, etc.

TEH 17 23:41:27.5, 32.23N, 47.56E, h15km, ML3.0
ISC 17 23:41:27.1, 3.3, 32.23N, 47.52E, h15km, h10km, ML2.7
ISC 17 23:41:27.9, 1.1, 32.220N, 0.05, 47.55E, 0.04, h10km, n21,
a065/23, Iran-Iraq border region

Main table for Iran-Iraq border region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like DHLI, AHWZ, IKFM, etc.

NEIC 18 00:09:40.9, 2.1, 43.67N, 0.05, 105.22W, 0.08, h0km, 2km,
ML3.5/44, Error ellipse: s-maj=10.4km s-min=8.0km
bW06=290.0

UDC 18 00:09:42.1, 1.0, 44.57N, 106.28W, h0km, mb1.3/3/5,
mb1mx3.2/37, mbtm3/0.5, ML2.7/4, Error ellipse:
s-maj=39.9km s-min=7.2km az=141.0

ISC 18 00:09:39.7, 1.0, 43.71N, 0.05, 105.19W, 0.06, h0km, n61,
a1522/62, Wyoming

Main table for Wyoming region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like RSSD, K22A, PHWY, etc.

PDAR Pinedale Array 3.33 255 Pn Pn 00 10 33.1 -0.1
comp=E, 3.4nm, 0.3s, baz=66, slow=8.4, SNR=34

Main table for Pinedale Array region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like PDAR, OGNE, YNE, etc.

INET 18 00:31:34.5, 10.53N, 84.12W, h15km, MW3.1
UCR 18 00:31:34.1, 1.2, 10.30N, 84.31W, h102km, 3km, MW3.6,
8C-5D, Costa Rica

Main table for Costa Rica region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like SRA1, HDC3, CUJ, etc.

UDC 18 00:32:09.3, 2.0, 22.91S, 171.28E, h0km, mb4.0/5,
mb1.4/36, mb1mx3.9/38, mbtm4.0/6, ML3.8/1, MS3.0/2,
Ms1 3.0/2, ms1mx2.7/33, Error ellipse: s-maj=94.4km
s-min=26.6km az=168.0

NEIC 18 00:32:10.3, 1.2, 22.95S, 0.1, 171.34E, 0.08, h9km, 5km,
mb4.3/8, Error ellipse: s-maj=17.6km s-min=10.9km
az=187.0

NOU 18 00:33:09.5, 22.23S, 167.00E, h0km, MLV1.7, New
Caledonia

ISC 18 00:32:13.9, 0.8, 22.95S, 0.1, 171.2E, 0.1, h31km, n49,
a081/43, mb4.1/9, Southeast of Loyalty Islands

Main table for Loyalty Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like OYUNC, YATNC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Pinedale Array, Mina Array, Bob, Littlelor, etc.

18C 00:48:27.0-0.6, 8.44N, 103.15W, h0km, mb4.4/21, mb1 4.6/25, mb1mx4.5/44, mbtmp4.4/25, ML4.2/4, MSS.2/23, Ms1.5/2/23, ms1mx5.0/27, Error ellipse: s-maj=24.3km s-min=11.3km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MOIG, CMIG, H06S1, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like YOTC, YOTC, X37A, etc.

18d Oh

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like 522A 4UR Ranch, LPAR Lepanto, GSC Goldstone, etc.

2015 FEB

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like TMUT Trail Mountain, S44A Carbondale, SIUC Southern Illin, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like PD31 Pinedale Array, PDAR Pinedale Array, P48A Milroy, etc.

LKWKY	comp=Z,3um,21.0s Lake comp=Z,84nm,1.9s	36.55 351	I	Amb	I	Amb	00 55 51.9
LKWKY	comp=Z,5um,18.0s Pendleton	36.57 36	P	P	P	P	00 55 36.7 +1.0
MFID	comp=Z,3um,18.0s Camas Ranch braz=226	36.58 344	I	Amb	I	Amb	01 09 39.6
L46A	comp=Z,3um,20.0s Eue Claire	36.60 21	I	Amb	I	Amb	01 11 13.3
MOD	comp=Z,72nm,1.5s Modoc Plateau	36.63 338	P	P	P	P	00 55 37.1 +0.7 00 55 53.3
YMR	comp=Z,3um,19.0s Madison River Trinity Center braz=147	36.74 335 36.78 351	P P	P P	P P	P P	00 55 39.7 +2.3 00 55 38.4 +0.7
O52A	comp=Z,3um,20.0s Adamsville	36.83 28	P	P	P	P	00 55 37.5 -0.5 01 11 59.4
YHB	comp=Z,3um,20.0s Horse Butte	36.86 350	P	P	P	P	00 55 39.9 +1.5 00 55 39.2 +0.1 00 55 39.7 +0.6
YNE	comp=Z,3um,20.0s Yellowstone No Red Lodge	36.93 352 36.94 353	P P	P P	P P	P P	00 55 39.2 +0.1 00 55 39.7 +0.6
QLMT	comp=Z,3um,20.0s Earthquake Lak Norwalk	36.97 350 36.98 15	P I	P A	P M	P S	00 55 40.6 +1.2 01 11 28.3
R57A	comp=Z,3um,19.0s Stanardsville	37.09 33	P	P	P	P	00 55 40.4 +0.1
M04C	comp=Z,3um,19.0s Macdoel braz=148,SNR=10	37.11 337	P	P	P	P	00 55 40.8 +0.2
KHMM	comp=Z,73nm,1.6s Horse Mountain	37.14 334	I	Amb	I	Amb	00 55 56.0
M02C	comp=Z,4um,18.0s Callahan	37.19 335	P	P	P	P	00 55 41.5 +0.4
JCC	comp=Z,3um,20.0s Jacob Creek	37.23 333	I	Amb	I	Amb	01 07 55.5
O53A	comp=Z,3um,21.0s New Philadelphia braz=218	37.23 28	P	P	P	P	00 55 41.8 +0.4
M04C	comp=Z,3um,21.0s New Philadelphia braz=218	37.23 28	I	Amb	I	Amb	01 11 46.8
MCMT	comp=Z,3um,21.0s McKenzie Canyo N Adams	37.23 349 37.24 23	P I	P A	P M	P S	00 55 43.8 +2.1 00 55 40.9 -0.6 00 55 55.3
T60A	comp=Z,111nm,1.6s Surry	37.27 36	I	Amb	I	Amb	01 11 53.0
Q56A	comp=Z,4um,20.0s Snyder Ridge, braz=221	37.29 31	P	P	P	P	00 55 43.3 +1.3
Q56A	comp=Z,4um,20.0s Snyder Ridge, braz=221	37.29 31	I	Amb	I	Amb	01 12 18.6
M50A	comp=Z,3um,20.0s Fremont	37.35 25	I	Amb	I	Amb	01 13 20.1
R58A	comp=Z,3um,19.0s Rapid braz=224	37.38 33	P	P	P	P	00 55 42.7 0.0
YBH	comp=Z,7.1nm,1.0s,baz=134,slow=1.8,SNR=7	37.42 336	P	P	P	P	00 55 42.0 -1.0
YBH	comp=Z,3um,20.8s,baz=152,slow=3.3	37.42 336	I	Amb	I	Amb	01 08 45.8
YBH	comp=Z,3um,20.8s,baz=152,slow=3.3	37.42 336	I	Amb	I	Amb	01 08 34.7
MCWV	comp=Z,3um,20.0s Mont Chateau	37.43 30	P	P	P	P	00 55 43.7 +0.6
I42A	comp=Z,4um,21.0s Draeger Farm,	37.44 17	I	Amb	I	Amb	01 12 11.6
K05A	comp=Z,3um,18.0s Summer Lake	37.56 338	I	Amb	I	Amb	01 09 36.5
O54A	comp=Z,3um,18.0s Avela	37.57 29	P	P	P	P	00 55 45.2 +0.9
CBN	comp=Z,2um,18.0s Corbin Frederi	37.66 34	I	Amb	I	Amb	01 12 35.1
L04D	comp=Z,3um,18.0s Klamath Falls, braz=148,SNR=8.2	37.66 336	P	P	P	P	00 55 45.3 +0.1
DLMT	comp=Z,3um,18.0s Dillon	37.70 349	P	P	P	P	00 55 46.7 +1.3 00 55 56.0
SP3M	comp=Z,64nm,1.4s Marine on St. braz=19	37.73 12	P	P	P	P	00 55 46.3 +0.8
F3M	comp=Z,8um,18.0s 5 Mile Ranch, comp=Z,5um,21.0s	37.74 8	I	Amb	I	Amb	01 11 01.3
KRMB	comp=Z,58nm,1.6s Red Mountain	37.75 334	I	Amb	I	Amb	00 56 01.9
BOZ	comp=Z,58nm,1.6s Bozeman (W) braz=166,SNR=11	37.75 350	P	P	P	P	00 55 46.8 +0.9
BOZ	comp=Z,78nm,1.8s Bozeman (W)	37.75 350	I	Amb	I	Amb	00 56 56.5
K04D	comp=Z,3um,18.0s Chiloquin, OR	37.80 337	P	P	P	P	00 55 47.2 +0.9
N53A	comp=Z,3um,18.0s Lisbon	37.84 28	I	Amb	I	Amb	01 12 07.1
Q58A	comp=Z,3um,18.0s Fox Den Farm, braz=224	38.01 33	P	P	P	P	00 55 48.6 +0.6
L02E	comp=Z,3um,18.0s Cave Junction	38.14 335	P	P	P	P	00 55 49.8 +0.7
J05D	comp=Z,3um,18.0s Fort Rock, OR braz=150,SNR=14	38.19 338	P	P	P	P	00 55 50.3 +0.8
M52A	comp=Z,3um,19.0s Chesterland	38.19 27	I	Amb	I	Amb	01 13 21.4
J47A	comp=Z,3um,19.0s Summer	38.20 22	P	P	P	P	00 55 49.6 0.0 01 12 30.6
F36A	comp=Z,3um,19.0s Milaca	38.20 11	I	Amb	I	Amb	01 11 26.6
LAO	comp=Z,4um,19.0s LASA Array braz=175	38.22 357	P	P	P	P	00 55 50.0 +0.3
LAO	comp=Z,4um,19.0s LASA Array braz=175	38.22 357	I	Amb	I	Amb	00 56 04.0
P57A	comp=Z,58nm,1.5s Homestead Farm comp=Z,3um,19.0s	38.23 32	I	Amb	I	Amb	01 12 21.4
HUMO	comp=Z,3um,19.0s Hull Mountain comp=Z,3um,22.0s	38.25 336	I	Amb	I	Amb	01 09 00.7
I07A	comp=Z,3um,19.0s Izee	38.28 341	P	P	P	P	00 55 51.4 +1.0 01 09 37.5
H43A	comp=Z,3um,20.0s Windswept, Lux comp=Z,3um,18.0s	38.31 18	I	Amb	I	Amb	01 12 59.4
N54A	comp=Z,3um,18.0s Moraine State braz=219	38.36 29	P	P	P	P	00 55 51.2 +0.2
N54A	comp=Z,3um,18.0s Moraine State	38.36 29	I	Amb	I	Amb	00 55 51.9 +0.9 00 55 56.1
I45A	comp=Z,48nm,1.2s Fountain	38.41 20	I	Amb	I	Amb	01 12 27.0
M53A	comp=Z,3um,18.0s WI Miller and braz=21	38.42 28	P	P	P	P	00 55 50.5 -0.9
M53A	comp=Z,3um,18.0s WI Miller and braz=21	38.42 28	I	Amb	I	Amb	01 13 39.4
KBO	comp=Z,3um,20.0s Bosley Butte	38.45 335	I	Amb	I	Amb	01 09 19.9
J04D	comp=Z,3um,18.0s Umpqua National braz=149	38.46 338	P	P	P	P	00 55 52.1 +0.2
PINE	comp=Z,56nm,1.1s Pine Mountain	38.51 339	P	P	P	P	00 55 52.8 +0.4 00 56 03.2
PINE	comp=Z,56nm,1.1s Pine Mountain	38.51 339	I	Amb	I	Amb	01 14 33.6
O56A	comp=Z,3um,19.0s Blue Knob Stat braz=221	38.53 31	P	P	P	P	00 55 52.5 +0.1
O56A	comp=Z,3um,19.0s Blue Knob Stat braz=221	38.53 31	I	Amb	I	Amb	01 13 18.3
K02D	comp=Z,3um,18.0s Williamette Mer braz=146,SNR=6.6	38.61 336	P	P	P	P	00 55 52.9 -0.2
ALLY	comp=Z,3um,20.0s Alegnyh Colle comp=Z,3um,20.0s	38.83 28	I	Amb	I	Amb	01 12 49.2
M54A	comp=Z,3um,20.0s Oil Creek Stat braz=219	38.94 28	P	P	P	P	00 55 55.8 0.0
M54A	comp=Z,3um,20.0s Oil Creek Stat comp=Z,54nm,1.4s	38.94 28	I	Amb	I	Amb	00 56 10.1
M54A	comp=Z,3um,20.0s Oil Creek Stat comp=Z,54nm,1.4s	38.94 28	I	Amb	I	Amb	01 12 28.2
KEBM	comp=Z,3um,22.0s Edson Butte	39.03 335	I	Amb	I	Amb	01 09 49.5
I04A	comp=Z,3um,19.0s Tendick Farm, braz=149	39.05 338	P	P	P	P	00 55 57.0 +0.3
J01E	comp=Z,3um,19.0s Myrtle Point braz=146	39.11 336	P	P	P	P	00 55 57.5 +0.3
I05D	comp=Z,3um,19.0s Terrebonne, OR	39.12 339	P	P	P	P	00 55 58.3 +0.9
N56A	comp=Z,3um,19.0s West Decatur braz=221	39.15 30	P	P	P	P	00 55 58.2 +0.6
G08A	comp=Z,3um,19.0s Pilot Rock	39.19 342	I	Amb	I	Amb	01 11 03.7
ERPA	comp=Z,3um,18.0s Erie	39.27 28	I	Amb	I	Amb	01 14 03.9
E38A	comp=Z,3um,18.0s The Farm, Brul	39.31 13	I	Amb	I	Amb	01 12 15.0
I03D	comp=Z,4um,19.0s Drain, OR	39.32 337	P	P	P	P	00 55 60.0 +1.1
F10A	comp=Z,3um,18.0s Beach Ranch, E Missoula	39.33 344 39.37 348	P P	P P	P P	P P	00 55 59.7 +0.6 00 55 00.3 +0.9
N57A	comp=Z,3um,18.0s Milroy braz=222	39.41 31	P	P	P	P	00 56 00.1 +0.4
COWI	comp=Z,3um,20.0s Conover	39.41 15	I	Amb	I	Amb	01 13 13.7
G45A	comp=Z,3um,20.0s Suttons Bay	39.49 20	P	P	P	P	00 55 59.9 -0.4
G45A	comp=Z,60nm,1.4s Suttons Bay	39.49 20	I	Amb	I	Amb	00 56 04.5
G45A	comp=Z,3um,19.0s Emporium braz=221	39.64 30	P	P	P	P	01 12 28.6
M56A	comp=Z,3um,20.0s Emporium	39.64 30	I	Amb	I	Amb	00 56 02.3 +0.6
M56A	comp=Z,3um,20.0s Emporium	39.64 30	I	Amb	I	Amb	01 13 47.6
GLMI	comp=Z,3um,19.0s Graying braz=209	39.65 21	P	P	P	P	00 56 01.6 -0.1
H04A	comp=Z,3um,18.0s Detroit Lake comp=Z,61nm,1.3s	39.73 339	I	Amb	I	Amb	00 56 22.9
H04A	comp=Z,3um,18.0s Detroit Lake comp=Z,61nm,1.3s	39.73 339	I	Amb	I	Amb	01 10 14.8
SABA	comp=Z,3um,22.0s Saba	39.84 73	I	Amb	I	Amb	01 12 17.6
EGMT	comp=Z,5um,20.0s Eggleton braz=170,SNR=11	39.86 353	P	P	P	P	00 56 03.9 +0.4
EGMT	comp=Z,5um,20.0s Eggleton	39.86 353	I	Amb	I	Amb	00 56 03.5 +0.1 00 56 13.2
EGMT	comp=Z,71nm,1.6s Eggleton	39.86 353	I	Amb	I	Amb	01 12 26.4
I02D	comp=Z,4um,18.0s Swisshome braz=147	39.86 337	P	P	P	P	00 56 04.6 +1.2
N58A	comp=Z,3um,18.0s Sunbury braz=223	39.90 32	P	P	P	P	00 56 04.4 +0.6
N58A	comp=Z,3um,18.0s Sunbury	39.90 32	I	Amb	I	Amb	01 14 21.6
G05D	comp=Z,2um,19.0s Wamic, OR braz=18	39.91 340	P	P	P	P	00 56 04.7 +0.8
DGMT	comp=Z,2um,19.0s Dagmar braz=178,SNR=13	39.92 359	P	P	P	P	00 56 04.3 +0.4
DGMT	comp=Z,2um,19.0s Dagmar	39.92 359	I	Amb	I	Amb	00 56 10.5
PSUB	comp=Z,4.7nm,1.0s Penn St. - Bra Phinny Hill Vi	39.93 34	I	Amb	I	Amb	01 14 48.3
F07A	comp=Z,52nm,1.1s Phinny Hill Vi	40.03 342	P	P	P	P	00 56 05.6 +0.8 00 56 19.1
F07A	comp=Z,52nm,1.1s Phinny Hill Vi	40.03 342	I	Amb	I	Amb	01 10 44.0
M57A	comp=Z,2um,19.0s Sunshine Farm, braz=222	40.05 31	P	P	P	P	00 56 05.0 -0.1
M57A	comp=Z,2um,19.0s Sunshine Farm, braz=222	40.05 31	I	Amb	I	Amb	01 15 16.6
COR	comp=Z,2um,19.0s Corvallis	40.05 37	I	Amb	I	Amb	01 10 34.5
SEUS	comp=Z,4um,20.0s St. Eustatius comp=Z,4um,19.0s	40.07 73	I	Amb	I	Amb	01 10 43.7
WVNY	comp=Z,2um,19.0s West Valley, N	40.14 28	I	Amb	I	Amb	01 14 39.9
I51A	comp=Z,2um,19.0s Listowel braz=215	40.17 25	P	P	P	P	00 56 06.0 0.0
AGMN	comp=Z,4um,21.0s Agassiz Nation comp=Z,4um,21.0s	40.21 8	I	Amb	I	Amb	01 11 37.8
E43A	comp=Z,2um,18.0s Lone Tree Farm comp=Z,2um,18.0s	40.26 17	I	Amb	I	Amb	01 13 10.2
SKI	comp=Z,2um,18.0s Saint Kitts	40.28 73	I	Amb	I	Amb	01 10 43.2
E08A	comp=Z,5um,22.0s Dider Farm, El	40.31 343	P	P	P	P	00 56 08.5 +1.4 01 12 23.3
E08A	comp=Z,5um,22.0s Dider Farm, El	40.31 343	I	Amb	I	Amb	00 56 08.3 +1.0 01 11 43.4
JTMT	comp=Z,3um,18.0s Jette	40.31 348	P	P	P	P	00 56 09.2 +1.6 00 56 15.9
JTMT	comp=Z,3um,18.0s Jette	40.31 348	I	Amb	I	Amb	01 11 50.6
HAWA	comp=Z,72nm,1.8s Hanford	40.36 342	P	P	P	P	00 56 09.2 +1.6 00 56 15.9
HAWA	comp=Z,72nm,1.8s Hanford	40.36 342	I	Amb	I	Amb	01 11 50.6
M58A	comp=Z,2um,19.0s Price's Panora braz=223	40.42 31	P	P	P	P	00 56 08.5 +0.3

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FFC, G62A, D58A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MCARA, FRB, VRDI, GLB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BKZ, PET, PETK, etc.

Table with columns: TWG, Pinlang, 126.75 307, IAMS_20, IAMS_20, 01 51 53.4, WMQ, Urumqi, 127.08 350, ePKP, PKIKP, LR, LR, 01 07 34.8 -0.1, etc.

180:57:56.9, 1.0, 8:36N-103:19W, h0km, mb4.1/15, mb1 4.3/17, mb1mx4.2/46, mbtmp4.1/17, ML3.6/2, MS4.6/9, Ms1 4.6/9, ms1mx4.3/27, Error ellipse: s-maj=33.1km s-min=16.9km, az=53.0.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, MOIG, Morelia, 11.43 9, Op, Pn, ISC, h m s, ISC, CMIG, Matias Romero, 11.82 42, Pn, Pn, 01 00 45.4 -3.3, etc.

Table with columns: TX31, Lajitas Ar. Si, 20.90 359, P, P, 01 02 43.1 +0.6, TX32, Lajitas Array, 20.90 359, P, P, 01 02 43.1 +0.6, etc.

Table with columns: HAWA, Hanford, 40.47 342, P, P, 01 05 39.0 +0.5, TAOE, Nuku Hiva Isla, 40.68 246, eLR, LR, 01 16 32.0, etc.

IDC 18:00:59:45.6;12.0, 8:60N-105:15W, h0km, mb3.2/4, mb1 3.8/4, mb1mx3.5/44, mbtmp3.3/4, Error ellipse: s-maj=281.4km s-min=113.8km az=128.0, Northern East Pacific Rise

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, TXAR, Lajitas Array, 20.68 4, Op, P, ISC, h m s, ISC, etc.

IDC 18:00:59:58.4;3.4, 8:25N-102:91W, h0km, mb3.8/5, mb1 4.2/5, mb1mx3.8/42, mbtmp3.8/5, MS4.3/1, Ms1 4.3/1, ms1mx3.5/27, Error ellipse: s-maj=154.9km s-min=57.4km az=93.0

ISC 18:00:59:58.6;3.5, 8:1N-104:102.3W;0.8, h10km, n12, o63f83, mb3.9/5, Northern East Pacific Rise

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, H06E1, SOCORRO T-PHASE2, 21.5 324, Op, T, ISC, h m s, ISC, etc.

NEIC 18:01:08:17.9;1.4, 2.1°S;0.1x179.2W;0.1, h632km, 10km, mb4.3/18, Error ellipse: s-maj=19.7km s-min=9.7km az=222.0

IDC 18:01:08:18.6;1.5, 2.1°O1S;179.29W, h639km, 17km, mb3.0/10, mb1 3.3/11, mb1mx3.3/17, mbtmp4.0/11, Error ellipse: s-maj=19.6km s-min=15.4km az=141.0

ISC 18:01:09:19.2;0.6, 2.109S;0.10x179.2W;0.1, h650km, n33, o194f35, mb3.9/18, Fiji Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, MSVF, Nonavsu, 4.21 322, Op, P, ISC, h m s, ISC, etc.

PV07	Paradox Valley	30.32	351	P	P	01 22 30.7 +0.5
PV07	Paradox Valley	30.32	351	I	Amb	01 22 34.9
PV07	Paradox Valley	30.32	351	I	Amb	01 22 34.9
PV07	Paradox Valley	30.32	351	I	Amb	01 22 34.9
PV10	Paradox Valley	30.32	351	P	P	01 22 30.4 +0.1
PV23	Carpenter Ridg	30.39	351	P	P	01 22 30.3 +0.6
PVKM	Portageville	30.41	22	I	Amb	01 28 27.3
CBKS	Cedar Bluff	30.42	5	P	P	01 22 31.4 +0.5
PV22	Blue Mesa, Par	30.44	351	I	Amb	01 22 43.4
PV22	Blue Mesa, Par	30.44	351	I	Amb	01 22 43.4
S39A	Bolivar	30.45	15	I	Amb	01 22 35.9
S39A	Bolivar	30.45	15	I	Amb	01 22 35.9
PBMO	Poplar Bluff	30.48	20	P	P	01 22 30.8 -0.5
PBMO	Poplar Bluff	30.48	20	I	Amb	01 22 40.0
CCUT	Cedar City	30.48	344	P	P	01 22 33.3 +1.6
Q24A	Divide	30.48	357	P	P	01 22 32.7 +1.0
T42A	Van Buren	30.49	19	I	Amb	01 35 43.4
MPMC	Manual Prospec	30.52	337	P	P	01 22 32.3 +0.3
ISA	Isabella, Lake	30.58	335	P	P	01 22 32.9 +0.5
PARMO	Parma	30.61	21	I	Amb	01 36 53.7
GOGA	Godfrey	30.75	33	P	P	01 22 33.8 -0.1
Y52A	Libburn	30.78	32	I	Amb	01 36 13.1
SMCO	Snowmass	30.84	354	I	Amb	01 22 47.7
SMCO	Snowmass	30.84	354	I	Amb	01 22 47.7
TPNV	Topopah Spring	30.84	339	P	P	01 22 35.3 +0.5
TPNV	Topopah Spring	30.84	339	I	Amb	01 22 42.2
WWT	Waverly	30.88	24	P	P	01 22 34.4 -0.5
WWT	Waverly	30.88	24	P	P	01 22 34.0 -1.0
WWT	Waverly	30.88	24	P	P	01 22 34.0 -1.0
WWT	Waverly	30.88	24	P	P	01 22 34.0 -1.0
MSU	Marysvalle	31.08	346	P	P	01 22 37.9 +0.9
MSU	Marysvalle	31.08	346	P	P	01 22 37.9 +0.9
MVU	Marysvalle	31.08	346	P	P	01 22 38.1 +1.1
CWC	Cottonwood Cre	31.08	336	P	P	01 22 36.2 -0.7
KSU1	Kansas State U	31.10	10	I	Amb	01 22 37.1 +0.2
KSU1	Kansas State U	31.10	10	I	Amb	01 22 42.8
257A	Skidaway Islan	31.12	38	I	Amb	01 33 53.7
R40A	Maddies Statio	31.30	16	I	Amb	01 22 46.6
R40A	Maddies Statio	31.30	16	I	Amb	01 22 46.6
CCM	Cathedral Cave	31.38	18	P	P	01 22 39.4 0.0
CCM	Cathedral Cave	31.38	18	P	P	01 22 39.1 -0.2
CCM	Cathedral Cave	31.38	18	P	P	01 22 39.1 -0.2
CCM	Cathedral Cave	31.38	18	P	P	01 22 39.1 -0.2
PSUT	Pine Spring	31.54	344	P	P	01 22 41.5 +0.5
FVM	French Village	31.57	19	I	Amb	01 22 41.8
FVM	French Village	31.57	19	I	Amb	01 22 41.8
S44A	Carbondale	31.71	21	P	P	01 22 41.1 -1.1
S44A	Carbondale	31.71	21	P	P	01 22 49.3
W52A	Murphy	31.81	31	I	Amb	01 37 02.4
Z56A	Williston	31.87	36	I	Amb	01 37 13.7
R11A	Shroy Canyon, C	31.88	341	P	P	01 22 45.8 +1.8
T47A	Sharon Grove	31.92	25	I	Amb	01 22 44.8
O20A	White River Cr	31.93	352	P	P	01 22 44.2 -0.2
O20A	White River Cr	31.93	352	I	Amb	01 23 03.5
HODGE	Hodges	32.03	34	I	Amb	01 36 49.1
SDV	Santo Domingo	32.03	87	P	P	01 22 47.5 +1.9
SDV	Santo Domingo	32.03	87	I	Amb	01 33 38.2
SDV	Santo Domingo	32.03	87	P	P	01 22 46.0 +0.4
V51A	Loudon	32.17	29	I	Amb	01 37 20.8
TPH	Tonopah	32.19	339	P	P	01 22 48.8 +2.0
TPH	Tonopah	32.19	339	P	P	01 22 48.8 +2.0
TPH	Tonopah	32.19	339	P	P	01 22 48.8 +2.0
SLM	Saint Louis	32.23	19	I	Amb	01 36 45.5
TKL	Tuckaleechee C	32.34	30	I	Amb	01 36 40.2
N23A	Red Feather La	32.45	356	P	P	01 22 49.1 +0.1
OMMB	Old Mammoth M	32.47	336	I	Amb	01 23 06.2
MDPB	Devils Postpil	32.52	336	I	Amb	01 23 15.9
MDPB	Devils Postpil	32.52	336	I	Amb	01 23 32.7
P40A	Paris	32.52	16	I	Amb	01 36 00.1
SDDR	Presa de Saban	32.53	68	I	Amb	01 34 09.2
USIN	University of	32.54	23	P	P	01 22 49.8 +0.3
V52A	Sevierville	32.57	30	I	Amb	01 36 35.4
PAULI	Pauline	32.72	33	I	Amb	01 37 10.2
LHV	Little Hootoon	32.83	337	I	Amb	01 34 06.9
DUG	Dugway, Toele	32.83	346	P	P	01 22 52.3 +0.1
DUG	Dugway, Toele	32.83	346	I	Amb	01 23 05.3
DUG	Dugway, Toele	32.83	346	I	Amb	01 37 18.3
Q44A	Meyer Farm, Va	32.88	20	I	Amb	01 37 20.6
NVAR	Mina Array Bea	32.90	338	P	P	01 22 53.5 +0.5
NVAR	Mina Array Bea	32.90	338	P	P	01 34 16.6
NVAR	Mina Array Bea	32.90	338	P	P	01 22 53.7 +0.7
N35A	Tabor	32.98	10	I	Amb	01 36 00.4
NNA	Nana	33.00	128	I	Amb	01 22 59.3 +5.4
NNA	Nana	33.00	128	I	Amb	01 33 09.5
TZTN	Tazewell	33.15	29	P	P	01 22 55.4 +0.5
RYN	Ryan	33.16	338	I	Amb	01 23 22.9
RYN	Ryan	33.16	338	I	Amb	01 34 04.8
KMSC	Kings Mountain	33.22	34	P	P	01 22 55.6 +0.1
KMSC	Kings Mountain	33.22	34	I	Amb	01 37 24.5

Y58A	Scranton	33.28	37	I	Amb	01 36 48.0
WCI	Wyandotte Cave	33.31	24	P	P	01 22 56.6 +0.3
WCI	Wyandotte Cave	33.31	24	P	P	01 22 55.9 -0.4
WCI	Wyandotte Cave	33.31	24	P	P	01 22 55.9 -0.4
WCI	Wyandotte Cave	33.31	24	P	P	01 22 55.9 -0.4
BIRD	Birdtown, Kers	33.34	35	I	Amb	01 38 00.7
P43A	Skaggs, Pawnee	33.37	19	I	Amb	01 39 09.8
N38A	Joess South For	33.41	14	I	Amb	01 22 57.8
N38A	Joess South For	33.41	14	I	Amb	01 35 37.8
WAKR	Walker	33.41	336	I	Amb	01 34 02.4
TCUT	Toone Canyon	33.41	348	P	P	01 22 58.1 +0.7
W56A	Indian Trail	33.63	34	P	P	01 22 59.2 +0.2
YERR	Yerrinton	33.75	337	P	P	01 23 01.4 +1.1
Y55A	Taylorville	33.81	33	I	Amb	01 38 05.2
Y55A	Loris	33.81	38	I	Amb	01 36 34.1
R49A	Shelbille	33.84	26	I	Amb	01 38 51.0
N41A	Harden Midland	33.94	17	I	Amb	01 37 03.9
W57A	Gilead	33.97	35	I	Amb	01 38 44.4
PNTR	Pine Nut	33.98	337	I	Amb	01 23 18.7
PNTR	Pine Nut	33.98	337	I	Amb	01 34 32.4
ELK	Elko	33.98	343	P	P	01 23 04.9 +2.5
ELK	Elko	33.98	343	P	P	01 23 15.3
ELK	Elko	33.98	343	P	P	01 23 04.9 +2.5
ELK	Elko	33.98	343	P	P	01 23 15.3
U54A	Nelsons Funny	34.00	31	P	P	01 23 02.3 -0.1
S51A	Beattyville	34.01	28	I	Amb	01 23 10.5
BLO	Bloomington	34.03	23	I	Amb	01 36 26.1
RUBR	Rubicon Trail	34.16	336	I	Amb	01 34 47.4
V56A	Mocksville	34.17	34	P	P	01 23 03.8 +0.1
VCNR	Virginia City	34.17	337	I	Amb	01 34 49.7
O44A	Manstield	34.18	20	I	Amb	01 23 11.9
O44A	Manstield	34.18	20	I	Amb	01 34 40.2
CZSB	Cruzado do Su	34.22	117	eP	P	01 23 05.7 +1.2
Y60A	Bolivia	34.22	38	I	Amb	01 37 15.0
HDIL	Hopedale	34.27	19	P	P	01 23 04.4 -0.2
HDIL	Hopedale	34.27	19	P	P	01 23 03.8 -0.8
HDIL	Hopedale	34.27	19	P	P	01 23 03.8 -0.8
HDIL	Hopedale	34.27	19	P	P	01 23 03.8 -0.8
W58A	RaeFord	34.31	36	P	P	01 23 05.0 0.0
SCIA	State Center	34.47	13	I	Amb	01 36 60.0
MCCM	Marconi Center	34.60	332	I	Amb	01 34 10.8
V57A	Coltine Farms	34.62	34	P	P	01 23 07.9 +0.1
U56A	King	34.63	33	P	P	01 23 07.8 0.0
U56A	King	34.63	33	I	Amb	01 37 36.8
BW06	Boulder Array	34.70	352	P	P	01 23 08.1 -0.4
PD31	Pinedale Array	34.70	352	I	Amb	01 23 20.8
PDAR	Pinedale Array	34.70	352	P	P	01 23 08.3 -0.2
P48A	Milroy	34.72	24	I	Amb	01 37 51.3
SFIN	SF Lafayette	34.87	22	P	P	01 23 10.1 +0.3
SFIN	SF Lafayette	34.87	22	P	P	01 23 10.1 +0.3
AHID	Auburn Hatcher	34.95	350	I	Amb	01 35 31.3
P49A	Miami Univ. Ec	35.07	25	P	P	01 23 11.3 -0.2
P49A	Miami Univ. Ec	35.07	25	I	Amb	01 23 19.5
GDXM	Gypsum	35.10	333	I	Amb	01 34 40.0
L40A	Anamosa	35.10	15	P	P	01 23 10.9 -0.8
L40A	Anamosa	35.10	15	I	Amb	01 23 20.0
L40A	Anamosa	35.10	15	I	Amb	01 37 16.7
ORV	Oroville	35.15	335	I	Amb	01 23 39.0
S54A	Dingess, Beckl	35.24	31	P	P	01 23 13.4 +0.3
Q51A	Peebles	35.24	27	P	P	01 23 12.3 -0.7
Q51A	Peebles	35.24	27	I	Amb	01 23 21.9
Q51A	Peebles	35.24	27	I	Amb	01 39 41.3
BLA	Blacksburg	35.25	32	P	P	01 23 13.5 +0.4
BLA	Blacksburg	35.25	32	I	Amb	01 38 40.4
CNNC	Cliffs of the	35.26	37	P	P	01 23 13.6 +0.4
CNNC	Cliffs of the	35.26	37	I	Amb	01 37 58.4
U57A	Blanch	35.26	34	P	P	01 23 12.7 -0.5
K38A	Parkersburg	35.28	13	I	Amb	01 37 35.3
T56A	Rocky Mt	35.32	33	P	P	01 23 12.9 -0.9
R53A	Hurricane	35.34	29	I	Amb	01 38 54.7
HOPS	Hopland Field	35.37	333	P	P	01 23 16.5 +2.3
HOPS	Hopland Field	35.37	333	I	Amb	01 23 33.3
V59A	Middlesex	35.41	36	P	P	01 23 14.7 +0.2
M44A	Midew	35.43	20	I	Amb	01 38 34.3
L42A	Oliver, Polo	35.48	17	I	Amb	01 23 19.6
L42A	Oliver, Polo	35.48	17	I	Amb	01 38 01.6
REDW	Red Top Meadow	35.48	350	I	Amb	01 23 27.4
RSSD	Black Hills	35.59	359	P	P	01 23 16.6 +0.5
RSSD	Black Hills	35.59	359	P	P	01 23 15.8 -0.3
RSSD	Black Hills	35.59	359	P	P	01 23 15.8 -0.3
RSSD	Black Hills	35.59	359	P	P	01 23 15.8 -0.3
RSSD	Black Hills	35.59	359	P	P	01 23 15.8 -0.3
RSSD	Black Hills	35.59	359	P	P	01 23 16.7 +0.4
ECSD	Eros Data Cent	35.63	8	I	Amb	01 23 21.1
ECSD	Eros Data Cent	35.63	8	I	Amb	01 37 33.6

U58A	Oxford	35.68	35	P	P	01 23 16.9 +0.1
LOHW	Long Hollow	35.69	351	I	Amb	01 23 29.1
LOHW	Long Hollow	35.69	351	I	Amb	01 38 12.9
Q52A	Bidwell	35.69	28	I	Amb	01 39 19.0
R54A	Victor	35.70	30	P	P	01 23 17.3 +0.4
T57A	Hurt	35.72	34	P	P	01 23 17.3 +0.1
T57A	Hurt	35.72	34	I	Amb	01 38 18.7
P51A	Williamsport	35.74	27	P	P	01 23 16.8 -0.5
P51A	Williamsport	35.74	27	I	Amb	01 23 17.9
O49A	Covington	35.78	25	I	Amb	01 38 11.4
N47A	Urbana	35.82	23	I	Amb	01 23 24.8
HQIL	Hanson Quarry C	35.86	20	I	Amb	01 37 52.7
O03E	Paynes Creek	35.89	335	P	P	01 23 19.0 +0.3
Q53A	Leroy					

18d 1h

Table with columns: ID, Name, Date, Time, Location, Status, and Value. Includes entries like 1J47A Summer, 1L02E Cave Junction, 1P57A Homestead Farm, etc.

2015 FEB

Table with columns: ID, Name, Date, Time, Location, Status, and Value. Includes entries like NEW Newport, NEW New Junction, PAL Palisades, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, and Value. Includes entries like E63A Oxbow, ITTB CO03, NPG8 Novo Progresso, etc.

18d 1h

CCM	Cathedral Cave	31.42	18	P	Iamb	Iamb	01 47 33.0	-0.1
CCM	comp=Z,15nm,1.1s						01 47 34.2	
FMV	French Village	31.62	19	Iamb	Iamb	Iamb	01 47 36.8	
FMV	comp=Z,34nm,1.4s							
TUT	Trail Mountain	31.65	348	P	P	P	01 47 36.6	+1.2
TIN	Tinemaha, Big	31.70	337	P	P	P	01 47 37.3	+1.6
S44A	Carbondale	31.76	21	P	Iamb	P	01 47 36.9	+0.8
S44A	comp=Z,33nm,1.1s							
R11A	Troy Canyon, C	31.91	341	P	P	P	01 47 38.9	+1.3
T47A	Sharon Grove	31.96	25	Iamb	Iamb	Iamb	01 47 39.0	
O20A	White River Ci	31.96	352	P	P	P	01 47 39.1	+1.0
SDV	Santo Domingo	32.07	87	P	Iamb	Iamb	01 47 39.3	0.0
SDV	comp=Z,18nm,1.0s						01 47 49.3	
PMPB	Monarch Peak	32.09	332	P	Iamb	Iamb	01 47 43.0	+4.0
PMPB	comp=Z,15nm,1.2s						01 47 51.9	
U49A	Red Bling Sp	32.13	27	Iamb	Iamb	Iamb	01 47 41.0	
U49A	comp=Z,19nm,1.1s							
TPH	Tonopah	32.22	339	P	P	P	01 47 42.5	+2.2
TPH	comp=Z,46nm,1.0s							
TPH	Dawn	32.27	14	Iamb	Iamb	Iamb	01 47 41.6	
TPH	comp=Z,15nm,1.0s							
MLAC	Mammoth, Mam	32.44	336	P	P	P	01 47 43.7	+1.3
MLAC	baz=159							
OGNE	Ogallala	32.45	1	P	P	P	01 47 43.1	+0.9
NHSC	New Hope	32.46	37	P	P	P	01 47 42.8	+0.5
N23A	Red Feather La	32.49	356	P	P	P	01 47 43.8	+1.1
MDPB	Devils Postpil	32.54	336	P	P	P	01 47 44.8	+1.6
DUG	Dugway, Toodle	32.86	346	Iamb	Iamb	Iamb	01 47 47.2	+1.3
DUG	comp=Z,43nm,1.4s							
Q44A	Meyer Farm, Va	32.92	20	P	P	P	01 47 47.1	+0.9
NVAR	Mina Array Bea	32.93	338	P	P	P	01 47 47.4	+0.8
NVAR	comp=Z,4.4nm,0.9s, baz=168,slow=8,SNR=29						01 59 00.3	
NVAR	comp=Z,781nm,19.9s, baz=150,slow=33							
NVAR	Mina Array Bea	32.93	338	P	P	P	01 47 48.7	+2.1
T50A	Nancy	32.98	27	Iamb	Iamb	Iamb	01 47 47.8	
CTU	Camp Tracy	33.10	348	P	P	P	01 47 49.9	+1.9
BGNE	Belgrade	33.19	7	P	P	P	01 47 49.4	+0.8
TZTN	Tazewell	33.20	29	P	P	P	01 47 49.1	+0.4
KMSC	Kings Mountain	33.26	34	P	P	P	01 47 49.7	+0.4
WCI	Wyandotte Cave	33.36	24	P	P	P	01 47 50.7	+0.6
WCI	comp=Z,21nm,1.0s							
WCI	Wyandotte Cave	33.36	24	P	P	P	01 47 50.8	+0.8
WCI	comp=Z,25nm,1.0s						01 47 51.4	
WCI	Wyandotte Cave	33.36	24	P	Iamb	Iamb	01 47 50.8	+0.8
SPUT	South Promonto	33.84	347	P	P	P	01 47 54.7	+0.3
PNTR	Pine Nut	34.00	337	Iamb	Iamb	Iamb	01 47 59.7	
U54A	Nelson Canyon	34.05	31	P	P	P	01 47 56.6	+0.5
S51A	Beattyville	34.05	28	Iamb	Iamb	Iamb	01 47 57.5	
RUBR	Rubicon Trail	34.19	336	P	Iamb	Iamb	01 47 58.6	+1.1
RUBR	comp=Z,15nm,1.0s						01 48 01.4	
VCNR	Virginia City	34.20	337	Iamb	Iamb	Iamb	01 48 01.4	
V56A	Nockville	34.22	34	P	P	P	01 47 57.9	+0.4
K22A	Casper	34.28	355	P	P	P	01 47 59.5	+1.3
HDIL	Hopedale	34.32	19	P	P	P	01 47 59.2	+0.8
W58A	Raeford	34.36	36	P	P	P	01 47 58.9	+0.1
X59A	McDuffie Farm,	34.42	37	P	P	P	01 47 59.3	-0.1
PAHR	Pah Rah Range	34.45	337	P	P	P	01 48 01.6	+1.9
PAHR	comp=Z,14nm,1.1s						01 48 03.5	
SCIA	State Center	34.52	13	P	P	P	01 48 00.8	+0.7
V57A	Coltrane Farms	34.67	34	P	P	P	01 48 01.6	+0.1
BW06	Boulder Array	34.73	352	P	P	P	01 48 02.4	+0.1
BW06	comp=Z,24nm,1.1s						01 48 04.9	
PDAR	Pinedale Array	34.73	352	Iamb	Iamb	Iamb	01 48 04.9	
PDAR	comp=Z,22nm,1.1s							
PDAR	Pinedale Array	34.73	352	P	P	P	01 48 01.7	-0.5
PDAR	comp=Z,14nm,0.9s, baz=160,slow=6.9,SNR=69						01 50 34.4	-1.5
PDAR	comp=Z,0.7nm,0.8s, baz=160,slow=2.9,SNR=3.6						01 48 02.5	+0.2
P48A	Milroy	34.76	24	Iamb	Iamb	Iamb	01 48 02.9	
SFIN	Lafayette	34.91	22	P	P	P	01 48 04.0	+0.5
P49A	Miami Univ. Ec	35.12	25	P	P	P	01 48 05.3	0.0
L40A	Anamosa	35.15	15	Iamb	Iamb	Iamb	01 48 06.2	
ORV	Oroville	35.17	335	P	P	P	01 48 08.2	+2.4
ORV	comp=Z,13nm,1.0s						01 48 08.2	+2.4
ORV	Oroville	35.17	335	P	Iamb	Iamb	01 48 09.5	
S54A	Dingess, Beckl	35.29	31	P	P	P	01 48 06.8	0.0
Q51A	Peebles	35.29	27	Iamb	Iamb	Iamb	01 48 08.5	
U57A	Blanch	35.31	34	P	P	P	01 48 07.7	+0.7
T56A	Rocky Mt	35.37	33	P	P	P	01 48 07.8	+0.3
HOPS	Hopland Field	35.39	333	P	Iamb	Iamb	01 48 09.2	+1.5
HOPS	comp=Z,27nm,1.6s						01 48 13.3	
V59A	Middlesex	35.46	36	P	P	P	01 48 08.7	+0.4
REDW	Red Top Meadow	35.52	350	Iamb	Iamb	Iamb	01 48 17.9	
SNOW	Snow King Moun	35.60	350	Iamb	Iamb	Iamb	01 48 12.6	
RSSD	Black Hills	35.62	359	P	P	P	01 48 10.8	+1.0
RSSD	comp=Z,18nm,1.0s							
RSSD	Black Hills	35.62	359	P	P	P	01 48 09.8	-0.1
RSSD	comp=Z,16nm,1.2s							
RSSD	Black Hills	35.62	359	P	Iamb	Iamb	01 48 09.8	-0.1
RSSD	comp=Z,16nm,1.1s						01 48 11.0	+0.9
ECSD	EROS Data Cent	35.67	8	P	P	P	01 48 11.0	+0.9
LOHW	Long Hollow	35.72	351	Iamb	Iamb	Iamb	01 48 13.3	
U58A	Oxford	35.73	35	P	P	P	01 48 10.9	+0.3
R54A	Victor	35.74	30	P	P	P	01 48 11.4	+0.6
T57A	Hurt	35.77	34	P	P	P	01 48 11.2	+0.2
P51A	Williamsport	35.79	27	Iamb	Iamb	Iamb	01 48 12.2	
N47A	Blanch	35.87	23	Iamb	Iamb	Iamb	01 48 12.4	
O03E	Paynes Creek	35.91	335	P	P	P	01 48 13.5	+1.3
Q53A	Leroy	36.01	29	P	P	P	01 48 13.1	+0.2
S56A	Natural Bridge	36.10	32	P	P	P	01 48 13.9	+0.1
T58A	Grand View Acr	36.13	34	P	P	P	01 48 14.1	+0.1

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FLWY	Flagg Ranch	36.19	351	Iamb	Iamb	Iamb	01 48 17.0	
FLWY	comp=Z,15nm,0.9s							
JFWS	Jewell Farm	36.20	16	P	P	P	01 48 15.0	+0.4
L44A	Lake County Fo	36.23	19	P	P	P	01 48 15.2	+0.4
P52A	Corning	36.34	28	P	P	P	01 48 16.0	+0.2
P52A	comp=Z,26nm,1.1s						01 48 19.6	
HLID	Hailey	36.43	346	P	P	P	01 48 17.4	+0.7
ACSO	Alum Creek Sta	36.44	26	P	P	P	01 48 16.7	+0.1
ACSO	comp=Z,37nm,1.1s						01 48 18.1	
Q54A	Coxs Mills	36.44	30	P	Iamb	Iamb	01 48 16.6	0.0
Q54A	comp=Z,34nm,1.0s						01 48 18.4	
S57A	Dark Hollow, R	36.49	33	P	P	P	01 48 17.3	+0.3
I37A	Waseca	36.49	12	Iamb	Iamb	Iamb	01 48 17.9	
N49A	Columbus Grove	36.50	24	Iamb	Iamb	Iamb	01 48 18.4	
U60A	Pendleton	36.58	36	P	P	P	01 48 18.0	+0.2
VVOR	Wild Horse Val	36.59	341	P	P	P	01 48 19.4	+1.3
VVOR	comp=Z,18nm,1.1s						01 48 21.2	
MOD	Modoc Plateau	36.70	338	Iamb	Iamb	Iamb	01 48 22.6	
N02D	Trin Center	36.86	335	P	P	P	01 48 21.0	+0.7
RLMT	Red Lodge	37.01	353	P	P	P	01 48 22.0	+0.4
RLMT	comp=Z,170,SNR=6.7						01 48 22.4	+0.7
I40A	Nowalk	37.02	15	Iamb	Iamb	Iamb	01 48 22.6	
M04C	Macdoel	37.19	337	P	P	P	01 48 23.9	+0.7
M02C	Galvan	37.27	335	P	P	P	01 48 24.9	+1.1
MCMT	McKenzie Canyo	37.30	348	P	P	P	01 48 26.1	+1.9
R58A	Rapidan	37.39	333	P	P	P	01 48 24.9	+0.1
MCWV	Mont Chateau	37.45	30	P	P	P	01 48 25.7	+0.5
MCWV	comp=Z,16nm,1.1s						01 48 26.9	
MCWV	Mont Chateau	37.45	30	Iamb	Iamb	Iamb	01 48 26.9	
K05A	Summer Lake	37.64	338	Iamb	Iamb	Iamb	01 48 30.7	
L04D	Klamath Falls	37.74	336	P	P	P	01 48 28.8	+0.9
DLMT	Dillon	37.76	349	Iamb	Iamb	Iamb	01 48 31.3	
SPMN	Marine on St.	37.77	12	P	P	P	01 48 28.0	+0.1
SPMN	comp=Z,28nm,1.2s						01 48 28.8	
SPMN	Marine on St.	37.77	12	Iamb	Iamb	Iamb	01 48 28.8	
R59A	King George, V	37.81	34	P	P	P	01 48 28.5	+0.2
BOZ	Bozeman (W)	37.82	350	P	P	P	01 48 29.7	+1.3
BOZ	comp=Z,166,SNR=6.9						01 48 31.5	
BOZ	Bozeman (W)	37.82	350	Iamb	Iamb	Iamb	01 48 31.5	
KRMB	Red Mountain	37.82	334	Iamb	Iamb	Iamb	01 48 31.9	
P56A	Dayton Farm, R	37.84	31	P	P	P	01 48 28.5	0.0
S53A	Lisbon	37.87	28	Iamb	Iamb	Iamb	01 48 29.7	
K04D	Chiloquin, OR	37.87	337	P	P	P	01 48 30.2	+1.3
AAM	Ann Arbor	37.88	24	P	P	P	01 48 28.9	0.0
L02E	Cave Junction	38.22	335	P	P	P	01 4	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, HSC. Includes stations like BDFB Brasilia, PTG01 Itanhem-SP, PTGA Pitinga, etc.

Code Station Name Az Az' Phase ID Time Res HSC
JYTA Yamagatataniai 0.73 212 S P 02 18 09.8 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, HSC. Includes stations like JYTA Yamagatataniai, MAT Matsushiro, JHU Hanno, etc.

BGR 18 02:20:35.3 0.0, 7.35S, 13°51'W, h10km, mb5.3 Ms4.6
IDC 18 02:20:35.6 0.5, 7.60S, 13°40'W, h0km, mb4.528

s-min=1.9km az=156.0
MOS 18 02:20:36.0 1.3, 7.69S, 13°41'W, h10km, mb5.2/41, Error ellipse: s-maj=10.8km s-min=6.1km az=62.7

Code Station Name Az Az' Phase ID Time Res HSC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, HSC. Includes stations like ASCN Ascension, HIOS2 ASCENSION HYDR, HOSL Horses Pasture, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, HSC. Includes stations like H05S1 Guadeloupe/Mar, ETMC Extrema, BNI Bardonecchia, etc.

Table with columns: MODS, comp, time, speed, status, and other details. Includes entries like MODS Modra-Piesok, PLN Plauen, NACGM Tannenbergrstha, etc.

Table with columns: ANN, ANN, comp, time, speed, status, and other details. Includes entries like GEVA Gevas, SYO Syowa Base, NACGM Naroch, etc.

Table with columns: FINES, FINES, comp, time, speed, status, and other details. Includes entries like FINES FINES Array B, FINES FINES Array B, BINY Binghamton, etc.

18d 2h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Smith Brothers, Comitan, Wyanette Cave, etc.

2015 FEB

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Muleshoe, Lajitas Array, TXAR, etc.

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Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ANAR, ISHM, IHRIS, JMA, etc.

Table with columns: BATI, Baumata, 5.25 110 P, Pn, 02 55 08.8 -0.1, etc.

NEIC 18 02:55:56.6-0.9, 51.73N, 0.04:178.57E, 0.1, h97km, 4km, mb4.2/10, ML3.1/30(AE/C), Error ellipse: s-maj=10.4km

AEIC 18 02:55:57.1-6.6, 51.75N, 0.07:178.57E, 0.10, h92km, 4km, Error ellipse: s-maj=10.5km s-min=7.7km az=215.0

IDC 18 02:55:60.0, 7.3, 52.04N, 178.67E, h131km, 7.4km, mb2.8/5, mb1 3.2/6, mb1 tmx2.9/49, mbtm3.2/6, Error ellipse: s-maj=84.0km s-min=26.4km az=6.0

ISC 18 02:55:56.4-0.9, 51.71N, 0.1:178.58E, 0.06, h98km, 6km, n45, c089/52, mb3.4/8, Rat Islands

Main table for 847 with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 18 03:07:24.6-1.6, 52.16N, 160.74E, h0km, mb3.8/6, mb1 4.0/7, mb1 tmx3.6/40, mbtm3.9/7, ML2.8/1, MS2.8/1, Ms1 2.8/1, ms1 tmx3.6/44, Error ellipse: s-maj=38.1km s-min=26.1km az=2.0

KRSC 18 03:07:25.9-1.6, 52.07N, 160.78E, h56km, 23km, ML4.4, MOS 18 03:07:28.7-0.5, 52.12N, 160.69E, h40km, mb4.0/1, Error ellipse: s-maj=10.9km s-min=4.9km az=106.4

ISC 18 03:07:29.3-0.9, 52.11N, 0.05:160.76E, 0.05, h35km, n69, c1522/95, mb3.9/6, Off east coast of Kamchatka Peninsula

Table for 847 continuing with station names like SPN, UGLR, etc.

Table for 2015 FEB with columns: GRL, Goretly, 1.71 286 eP, Pn, 03 07 56.7 0.0, etc.

IDC 18 03:08:03.3-10.0, 31.67S, 179.65W, h208km, 110km, mb3.4/2, mb1 3.6/3, mb1 tmx3.2/29, mbtm3.9/3, Error ellipse: s-maj=102.5km s-min=41.9km az=3.0, Kamradec Island region

Main table for 2015 FEB with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 18 03:22:22.5-0.8, 7.49S, 13.33W, h0km, mb4.1/12, mb1 4.2/12, mb1 tmx3.9/39, mbtm3.4/12, MS4.1/21, MS1 4.1/21, ms1 tmx4.0/31, Error ellipse: s-maj=21.4km s-min=19.7km az=68.0

GCMT 18 03:22:26.0-0.3, 7.39S, 0.04:13.53W, 0.02, h18km, 1km, MM4.9/10, Moment Tensor Solution, s21, c23, s100, c141, Duration: 0, Moment tensor: Scale 10^16Nm; Mn: 2.96±2.3; Mm: 0.33±1.2; Ms: 2.63±4.5; Ms: 1.33±4.5; Mw: 0.64±0.8; Mb: 0.22±2.8; Best double couple: Mw: 1.1440000E+16, N1P1: 183.000000, S47.000000, lambda-117.000000, Principal axes: 2.850000, Plg2.000000, Azm74.000000, N: 0.6390, Plg20.000000, Azm343.000000; P -3.4620, Plg70.000000; Azm168.000000; nsia1 refers to body waves, cutoff=40s, nsia2 refers to surface waves, cutoff=50s, Triangular moment-rate function

ISC 18 03:22:32.0-0.5, 7.64S, 0.09:13.33W, 0.06, h10km, n52, c1943/38, mb4.5/20, MS4.1/20, 1C, Ascension Island region

Main table for 2015 FEB continuing with station names like URZ, ASAR, WRA, etc.

ASAR Alice Springs 62.10 189 P P 03 24 05.5 -0.5

IDC 18 03:27:39.5-3.5, 36.72N, 71.35E, h82km, 30km, mb3.6/5, mb1 3.7/11, mb1 tmx3.2/59, mbtm3.8/11, Error ellipse: s-maj=37.4km s-min=24.3km az=36.0

NIC 18 03:27:44.1-4.1, 37.49N, 70.99E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=32.3km s-min=22.6km az=170.0

ISC 18 03:27:40.7-0.7, 36.95N, 0.06:71.18E, 0.06, h88km, n29, c2926/38, mb3.7/5, 3C-5D, Afghanistan-Tajikistan border region

Main table for 18d 3h with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like WAKE ISLAND, Kuldr, Warramunga Arr, etc.

18d 04:41:13.7, 1.4, 31.47S; 178.35W, h0km, mb4, 1/3, mb1 4.34, mb1mx4.0, 0.7, mbmp4.1/4, ML4.3, 1/3, MS3.6/2, Ms1 3.6/2, ms1mx4.0, Error ellipse: s-maj=4.6, 8.6km s-min=3.1, 1km az=45.0

NEIC 18 04:41:19.0, 1.0, 31.83S; 0.07, 178.2W, 0.2, h48km, 11km, mb4, 4/6, Error ellipse: s-maj=26.7km s-min=10.3km az=94.0

ISC 18 04:41:18.0, 0.9, 31.72S; 0.08, 178.3W, 0.2, h35km, n47, z=268/46, mb4, 3/7, Kermadec Islands region

Main table listing stations in the Kermadec Islands region with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like Raoul Island, Matakaoa Point, etc.

BUI 18 04:43:38.8, 0.0, 8.52S; 159.35E, h130km, mb5, 3/4/7, mb5, 3/7/5

NEIC 18 04:43:39.2, 1.1, 8.89S; 0.08, 159.32E; 0.07, h135km, 3km, mb5, 3/3/2, Mw5.5/38, Mw5.5, 4, Mw5.5(GCMT), Error ellipse: s-maj=9.3, 8.4km s-min=2.16, 0.1

MOS 18 04:43:39.0, 0.9, 8.75S; 159.30E, h140km, mb5, 2/4/4, Error ellipse: s-maj=7.0km s-min=5.3km az=102.6

NEIC 18 04:43:40.2, 8.89S; 159.34E, h127km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm, Mr0:50, Mw:1.21, Ms:0.71, Mw:1.25, Mw:0.18, Mw:0.7, Fault plane solution: Mo:1.91000x10^17 NP1:323.59000, s81.25000, s60.04000, NP2:3132.80000, s31.10000, s1.62, 87000, Principal axes: T 1.9157, Plg45.0000, Azm117.0000, N -0.0083, Plg30.0000, Azm243.0000, P -1.9074, Plg30.0000, Azm352.0000

ISC 18 04:43:40.0, 0.2, 8.87S; 159.32E, h133km, 2km, mb4, 9/33, mb1 1/3/3, mb1mx5.0/4.0, mbmp5.4/3.5, MS4, 1/14, Ms1 4.1/14, ms1mx4.0/2.8 Error ellipse: s-maj=9.3km s-min=6.0km az=55.0

NEIC 18 04:43:41.8, 6.88S; 159.24E, h120km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm, Mr0:43, Mw:0.85, Ms:0.42, Mw:1.11, Mw:0.55, Mw:0.55, Fault plane solution: Mo:1.55000x10^17 NP1:3147.00000, s34.00000, s163.00000, NP2:252.00000, s80.00000, s157.00000, Principal axes: T 1.5745, Plg45.0000, Azm129.0000, N -0.0584, Plg32.0000, Azm258.0000, P -1.5161, Plg28.0000, Azm7.0000

NEIC 18 04:43:42.0, 8.87S; 159.34E, h141km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm, Mr0:43, Mw:1.30, Ms:0.87, Mw:1.26, Mw:0.47, Mw:0.81, Fault plane solution: Mo:1.95000x10^17 NP1:3142.00000, s38.00000, s167.00000, NP2:242.00000, s82.00000, s153.00000, Principal axes: T 1.9293, Plg41.0000, Azm118.0000, N 0.0347, Plg36.0000, Azm248.0000, P -1.9640, Plg27.0000, Azm1.0000

GCMT 18 04:43:42.0, 1.1, 8.89S; 0.01, 159.36E; 0.01, h140km, Mw5.5/54, Moment Tensor Solution, s126, c201, s154, c277, Duration: 193 Moment tensor: Scale 10^17 Nm, Mr0:42, Mw:1.23, Ms:0.3, Mw:0.60, 0.03, Mw:1.23, Ms:0.3, Mw:0.79, 0.2, Best double couple: Mo:1.88800x10^17 NP1:3143.00000, s37.00000, s167.00000

Main table listing stations in the Islands region with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like Honiara, Port Moresby, Rabaul, etc.

Main table listing stations in the 18d 4h region with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like ASAR, Alice Springs, Afiamalu, etc.

18d 4h

2015 FEB

850

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like JAGI, KLBR, KMMI, BLDU, MORW, etc.

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

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KLR, Kul'dur, Kul'dur, Kul'dur, Kul'dur, etc.

LZH	Lanzhou	68.64 314	eP	P	04 54 30.5 +2.0
LZH			pP	P	04 55 01.5 -0.2
LZH			sP	P	04 55 17.3 +0.9
LZH			S	P	05 03 19.1 -1.4
LZH	comp=Z,55nm,1.1s		pmx	pmx	
LZH	comp=Z,410nm,4.6s		pmx	pmx	
VNDA	Vanda	68.68 179	P	P	04 54 29.0 +1.2
VNDA	comp=Z,29nm,1.0s,baz=349,slow=6.9,SNR=36		pP	P	04 55 01.4 +0.4
VNDA	comp=Z,12nm,0.9s,baz=325,slow=5.9,SNR=3.7		LR	LR	05 20 04.7
VNDA	comp=Z,208nm,20.2s,baz=1.5,slow=32		P	P	04 54 28.1 +0.3
VNDA	Vanda	68.68 179	IAMB	IAMB	04 54 32.1
SBA	Scott Base	69.11 178	P	P	04 54 30.6 +0.1
SBA	comp=Z,18nm,1.0s		pmx	pmx	
SBA	Scott Base	69.11 178	P	P	04 54 30.6 +0.1
SEY	Seymchan	71.75 357	P	P	04 54 47.7 +1.1
SEY	comp=Z,40nm,0.9s,baz=159,slow=5.8,SNR=91		pP	P	04 55 20.6 -0.1
IMP	Imphal	71.91 300	eP	P	04 54 48.3 -0.2
IMP	comp=Z,22nm,1.0s,baz=196,slow=6.8,SNR=2.1		P	P	04 54 51.0
IMP	comp=Z,46nm,1.3s		iSP	P	04 55 22.0 +0.1
MOKO	MOKOCHONG	71.92 301	eP	IAMB	04 54 48.6 0.0
MOKO	comp=Z,19nm,0.7s		iSP	pP	04 55 23.1 +1.0
SAIH	SAIHA	72.00 297	eP	IAMB	04 54 49.8 +0.6
SAIH	comp=Z,155nm,1.8s		iSP	pP	04 55 25.2 +2.6
KOHI	KOHIMA	72.06 301	eP	IAMB	04 54 49.5 0.0
KOHI	comp=Z,31nm,0.9s		iSP	pP	04 55 23.4 +0.4
KOHI	Chita	72.17 332	eP	P	04 54 51.3 +1.8
CIT			e	P	04 55 06.0
CIT			e	P	04 55 22.5
CIT			e	pmx	pmx
ULN	Ulanbaatar	72.87 326	eP	P	04 54 55.6 +1.7
ULN	comp=Z,202nm,1.3s		pmx	pmx	
ULN	Ulanbaatar	72.87 326	P	P	04 54 53.8 -0.1
ULN	comp=Z,115nm,1.0s		IAMB	IAMB	04 54 57.0
ULN	Gaotai	73.01 316	iP	pmx	04 54 56.6 +1.7
GTA	comp=Z,24nm,1.4s		pmx	pmx	
SOMM	Songino Array	73.22 326	P	P	04 54 57.5 +1.7
SOMM	comp=Z,51nm,0.9s,baz=136,slow=5.7,SNR=253		pP	P	04 55 29.3 -0.1
SOMM	comp=Z,93nm,0.9s,baz=144,slow=3.9,SNR=5.5		LR	LR	05 25 43.5
SOMM	Songino Array	73.22 326	P	P	04 54 55.6 -0.3
TEZP	TEZPUR	73.47 301	eP	IAMB	04 54 57.5 -0.1
TEZP	comp=Z,27nm,1.1s		iSP	pP	04 55 31.7 +0.6
TEZP	Shillong	73.91 300	eP	pmx	04 55 59.8 -0.7
SHL	Shillong	73.91 300	eP	IAMB	04 55 00.7 +0.2
SHL	comp=Z,22nm,0.9s		IAMB	IAMB	04 55 02.7
SHL	Shillong	73.91 300	P	P	04 55 35.3 +1.2
SHL	comp=Z,11nm,0.7s		P	P	04 54 59.8 -0.7
YAK	Yakutsk	74.31 346	P	P	04 55 02.6 +0.9
YAK	comp=Z,214nm,1.0s		pmx	pmx	
YAK	Yakutsk	74.31 346	P	P	04 55 12.5
YAK	comp=Z,94nm,2.5s		ePP	pP	04 55 35.1 -0.5
YAK	Yakutsk	74.31 346	eS	P	05 04 25.0 +0.8
YAK	Yakutsk	74.31 346	e	S	05 05 56.4
YAK	Yakutsk	74.31 346	eSS	sS	05 05 23.1 +0.9
YAK	comp=Z,214nm,1.0s		pmx	pmx	
YAK	comp=N,41nm,1.3s		pmx	pmx	
YAK	comp=E,21nm,1.4s		pmx	pmx	
YAK	comp=Z,94nm,2.5s		pmx	pmx	
YAK	comp=N,48nm,2.5s		pmx	pmx	
YAK	comp=E,70nm,3.1s		pmx	pmx	
YAK	comp=N,173nm,2.2s		smx	smx	
YAK	comp=E,45nm,1.9s		smx	smx	
LSA	Lhasa	75.84 304	P	P	04 55 02.0 +0.3
LSA	comp=Z,10.0nm,1.0s		pmx	pmx	
LSA	Lhasa	75.84 304	P	P	04 55 10.8 -1.0
BOD	Bodaibo	75.93 337	eP	pmx	04 55 11.4 +0.3
BOD	comp=Z,60nm,1.3s		pmx	pmx	
ZAK	Zakamensk	76.33 327	eP	P	04 55 14.2 +0.5
ZAK	comp=Z,48nm,1.1s		pmx	pmx	
ZAK	comp=Z,43nm,1.0s		pmx	pmx	
IRK	Irkutsk	76.83 329	eP	pmx	04 55 15.8 -0.5
IRK	comp=Z,77nm,2.0s		pmx	pmx	
TLY	Talaya	76.84 328	LR	LR	05 26 38.0
TLY	comp=Z,82nm,21.4s,baz=111,slow=34		LR	LR	04 55 17.5 +1.1
TLY	Talaya	76.84 328	iP	pmx	04 55 16.3 -0.1
TLY	comp=Z,61nm,1.0s		IAMB	IAMB	04 55 18.9
TLY	Talaya	76.84 328	P	P	04 55 16.3 -0.1
TLY	comp=Z,49nm,0.9s		IAMB	IAMB	04 55 17.9 +0.7
TLY	Kodiak Island	77.01 24	P	P	04 55 49.1 -1.2
KDAK	Kodiak Island	77.01 24	P	P	04 55 17.9 +0.7
KDAK	comp=Z,9.6nm,0.6s,baz=174,slow=7.6,SNR=12		iP	P	04 55 18.6 +1.4
KDAK	Kodiak Island	77.01 24	iP	pmx	04 55 18.6 +1.4
GTK	Tadong	77.25 301	eP	IAMB	04 55 20.7 +1.3
GTK	comp=Z,77nm,2.0s		IAMB	IAMB	04 55 22.2
GTK	Nome	77.83 15	P	P	04 55 58.2 +2.5
ANN	Nome	77.83 15	P	P	04 55 21.9 +0.3
ANN	Tin City	78.05 13	P	P	04 55 23.5 +0.8
TNA	Tin City	78.05 13	P	P	04 55 23.2 +0.4
TNA	comp=Z,38nm,1.1s		IAMB	IAMB	04 55 25.2
SVW2	Sparrevohn	78.14 21	P	P	04 55 23.7 +0.3
SVW2	comp=Z,51nm,1.0s		IAMB	IAMB	04 55 26.5
MOY	Mondy	78.23 327	eP	P	04 55 25.4 +1.1
MOY	comp=Z,56nm,1.7s		pmx	pmx	
MOY	Homer	78.61 23	P	P	04 55 26.8 +0.8
CNPM	China Poot	78.68 23	P	P	04 55 26.5 0.0
CNPM	comp=Z,47nm,1.0s		IAMB	IAMB	04 55 36.3
RSO	Redoubt South	78.72 22	P	P	04 55 26.8 0.0
TTA	Tatalina	79.28 19	P	P	04 55 29.8 0.0
TTA	comp=Z,24nm,0.9s		pmx	pmx	
TTA	Tatalina	79.28 19	P	P	04 55 29.8 0.0
CAPN	Captain Cook N	79.52 22	P	P	04 55 31.4 +0.5
CAPN	comp=Z,200		P	P	04 55 32.3 +0.1
SEW	Seward	79.75 23	P	P	04 55 33.4 +0.6
O22K	Copper Landing	79.88 23	P	P	04 55 33.1 +0.3
O22K	comp=Z,21		IAMB	IAMB	04 55 45.4

SUA	Susitna One	80.11 22	P	P	04 55 34.2 -0.1
RC01	Rabbit Creek A	80.25 23	P	P	04 55 35.5 +0.6
PPLA	Purkeyville	80.50 20	P	P	04 55 36.6 0.0
Q23K	Middleton Isla	80.59 25	P	P	04 55 37.5 +0.8
PMR	Palmer	80.80 22	P	pmx	04 55 38.3 +0.5
PMR	comp=Z,23nm,0.8s		pmx	pmx	
PMR	Palmer	80.80 22	P	P	04 55 38.2 +0.5
KNK	Knik Glacier	80.94 23	P	P	04 55 38.9 +0.3
GHO	Glory Hole Cre	80.99 22	P	IAMB	04 55 39.1 +0.2
GHO	comp=Z,32nm,0.8s		IAMB	IAMB	04 55 47.9
QSPA	South Pole Qui	81.16 180	P	P	04 55 40.2 +0.4
QSPA	comp=Z,36nm,0.8s,baz=351,slow=1.6,SNR=120		IAMB	IAMB	04 55 39.1 -0.8
QSPA	South Pole Qui	81.16 180	P	P	04 55 41.4
SML	Sawmill	81.23 22	P	P	04 55 40.5 +0.3
SML	comp=Z,42nm,0.8s		IAMB	IAMB	04 55 49.5
RDOG	Red Dog Mine	81.24 13	P	IAMB	04 55 40.4 +0.4
RDOG	comp=Z,43nm,0.9s		IAMB	IAMB	04 55 43.6
KTH	Kantishna Hill	81.40 20	P	P	04 55 41.2 +0.2
TRF	Thorofare Moun	81.55 20	P	P	04 55 42.0 0.0
SCM	Sheep Creek Mo	81.62 23	pmx	pmx	04 55 42.4 +0.1
SCM	comp=Z,22nm,0.8s		pmx	pmx	
SCM	Sheep Creek Mo	81.62 23	P	P	04 55 42.4 +0.1
BPWA	Bear Paw Mtn.	81.73 20	P	P	04 55 43.0 +0.2
KLU	Klutina	81.97 23	P	P	04 55 44.3 +0.2
RND	Reindeer	82.03 21	pmx	pmx	04 55 44.4 0.0
RND	comp=Z,21nm,1.0s		pmx	pmx	
RND	Reindeer	82.03 21	P	P	04 55 44.4 0.0
IMAR	Indian Mountai	82.12 18	P	P	04 55 45.0 +0.3
MICK	McKinley	82.20 21	P	P	04 55 45.3 +0.2
M24K	Tolsona, Glenn	82.23 23	P	P	04 55 45.8 +0.4
M24K	comp=Z,32,SNR=23		P	P	04 55 45.7 +0.3
M24K	Tolsona, Glenn	82.23 23	IAMB	IAMB	04 55 55.7
BWN	Browne	82.30 20	P	P	04 55 46.2 +0.6
BWN	comp=Z,72nm,0.9s		IAMB	IAMB	04 55 59.5
MLY	Manley	82.42 19	P	P	04 55 47.0 +0.7
N25K	Chitina, Valde	82.55 24	P	P	04 55 47.7 +0.6
N25K	comp=Z,230,SNR=17		P	P	04 55 47.4 +0.2
N25K	Chitina, Valde	82.55 24	P	P	04 55 47.7 -0.2
CRQM	Cirque	82.67 25	P	IAMB	04 55 58.2
NEA2	Nenana	82.69 20	P	P	04 55 47.6 0.0
GLB	Gilahina Butte	82.77 24	P	IAMB	04 55 48.5 +0.3
GLB	comp=Z,30nm,1.0s		IAMB	IAMB	04 55 57.5
VRDI	Vend Repeater	82.80 24	P	P	04 55 48.4 -0.2
TIKI	Tiksi	82.81 351	iP	P	04 55 48.4 +0.3
TIXI	Tiksi	82.81 351	P	IAMB	04 55 48.4 +0.3
TIXI	comp=Z,29nm,1.1s		IAMB	IAMB	04 55 50.1
I23K	Minto, Yukon-K	82.95 19	P	P	04 55 49.3 +0.3
I23K	comp=Z,29nm,1.1s		P	P	04 55 49.9 +0.2
I23K	Minto, Yukon-K	82.95 19	P	P	04 55 49.2 +0.3
WRH	Wood River Hill	82.95 20	P	IAMB	04 55 48.8 -0.1
WRH	comp=Z,23nm,0.9s		IAMB	IAMB	04 55 57.3
PAX	Paxon	83.00 22	pmx	pmx	04 55 49.0 -0.4
PAX	comp=Z,9.0nm,1.0s		pmx	pmx	
PAX	Paxon	83.00 22	P	P	04 55 49.0 -0.4
MCAR	McCarthy VSAT	83.05 24	eP	P	04 55 49.9 +0.2
WMQ	Urumqi	83.09 316	eP	pmx	04 55 51.3 +1.0
WMQ	comp=Z,25nm,2.3s		pmx	pmx	04 56 24.1 -0.5
WMQ	comp=Z,390nm,5.3s		pmx	pmx	
WMQ	comp=Z,490nm,29.2s		LR	LR	
WMQ	comp=Z,1µm,28.9s		LR	LR	
WMQ	comp=Z,250nm,20.1s		LR	LR	
WMQ	Urumqi	83.09 316	P	pmx	04 55 49.8 -0.5
WMQ	comp=Z,16nm,1.1s		pmx	pmx	
WMQ	Urumqi	83.09 316	P	P	04 55 49.8 -0.5
BALM	Baldy	83.15 25	P	P	04 55 50.5 +0.2
CCB	Clear Creek Bu	83.16 20	P	IAMB	04 55 50.3 +0.3
CCB	comp=Z,19nm,0.8s		IAMB	IAMB	04 55 58.2
MDM	Murphy Dome	83.20 20	P	IAMB	04 55 50.7 +0.4
MDM	comp=Z,30nm,1.0s		IAMB	IAMB	04 55 58.7
TCOL	CIGO, UAF Yank	83.28 20	P	P	04 55 50.7 +0.1
TCOL	comp=Z,32,SNR=13		P	P	04 55 51.0 +0.3
COLA	College	83.28 20	P	IAMB	04 55 58.9
COLA	comp=Z,55nm,0.9s		IAMB	IAMB	04 55 58.9
COLA	College	83.28 20	pmx	pmx	04 55 51.0 +0.4
COLA	comp=Z,55nm,0.9s		pmx	pmx	
COLA	College	83.28 20	P	IAMB	04 55 51.0 +0.4
COLA	comp=Z,55nm,0.9s		IAMB	IAMB	04 55 58.9
HDA	Harding Lake	83.31 21	P	P	04 55 51.5 +0.6
HDA	comp=Z,55nm,0.9s		P	P	04 55 51.5 +0.6
HDA	Harding Lake	83.31 21	P	P	04 55 51.1 +0.2
HDA	comp=Z,28nm,1.0s		IAMB	IAMB	04 55 00.9
TABL	Table Mountain	83.34 25	P	IAMB	04 55 51.3 0.0
TABL	comp=Z,38nm,0.9s		IAMB	IAMB	04 55 54.4
BARN	Barnard Glacie	83.44 25	P	IAMB	04 55 51.9 0.0
BARN	comp=Z,25nm,0.9s		IAMB	IAMB	04 55 55.4
CTGM	Chitina Glacie	83.53 25	P	IAMB	04 55 52.3 0.0
CTGM	comp=Z,25nm,0.9s		IAMB	IAMB	04 55 55.8
IL31	Ilar	83.55 20	P	P	04 55 52.2 +0.3
ILAR	Eielson Array	83.55 20	P	P	04 55 52.0 0.0
ILAR	comp=Z,8.9nm,0.9s,baz=244,slow=4.8,SNR=67		pmx	pmx	04 56 27.5 +0.6
ILAR	comp=Z,20nm,1.1s,baz=239,slow=6.1,SNR=4.1		P	P	04 55 52.0 0.0
ILAR	comp=Z,0.4nm,0.6s,baz=341,slow=2.2,SNR=6.6		PKKpbc	PKKpbc	05 14 08.2 -4.7
ILAR	comp=Z,74nm,21.4s,baz=236,slow=31		LR	LR	05 26 46.5
ILAR	Eielson Array	83.55 20	P	P	04 55 52.2 +0.1
ILAR	comp=Z,28nm,1.0s		pp	pp	04 56 25.6 -1.3
ILAR	Eielson Array	83.55 20			

T56A	Rocky Mt	119.65	52	P	PKPdf	05 02 13.4	-0.4
S56A	Natural Bridge	119.87	52	P	PKPdf	05 02 13.6	-0.7
E55A	Montceff-Lytto	119.90	41	P	PKPdf	05 02 13.3	-0.7
M56A	Emporium	119.97	47	P	PKPdf	05 02 13.8	-0.6
P56A	Dayton Farm, R	120.00	49	P	PKiKP	05 02 14.2	-0.3
O56A	Blue Knob Stat	120.02	48	P	PKiKP	05 02 14.2	-0.4
N56A	West Decatur	120.05	48	P	PKiKP	05 02 14.4	-0.2
D55A	Sainte-Anne-du	120.07	40	P	PKPdf	05 02 13.7	-0.7
V57A	Coltrane Farms	120.08	54	P	PKPdf	05 02 13.8	-0.9
X57A	Johnson Farm,	120.10	55	P	PKiKP	05 02 14.5	-0.3
L56A	Greenwood	120.24	46	P	PKPdf	05 02 14.4	-0.5
K56A	Middlesex	120.24	45	P	PKPdf	05 02 14.3	-0.5
T57A	Hurt	120.26	52	P	PKPdf	05 02 14.4	-0.6
NH5C	New Hope	120.26	57	P	PKPdf	05 02 14.5	-0.6
ATAH	Atahualpa	120.34	104	PKP	PKiKP	05 02 16.8	+0.4
Q57A	Wolcott	120.40	45	P	PKPdf	05 02 14.4	-0.7
J56A	Strasburg	120.44	50	P	PKPdf	05 02 14.7	-0.6
E56A	St. Veronique	120.53	41	P	PKPdf	05 02 14.5	-0.7
R57A	Stanardsville	120.53	51	P	PKiKP	05 02 15.3	-0.3
P57A	Homestead Farm	120.63	49	P	PKiKP	05 02 15.5	-0.2
N57A	Milroy	120.63	48	P	PKiKP	05 02 15.5	-0.2
W58A	Raeford	120.69	55	P	PKiKP	05 02 16.1	+0.1
O57A	Amberson	120.72	48	P	PKiKP	05 02 15.7	-0.2
M57A	Sunshine Farm,	120.78	47	P	PKiKP	05 02 16.0	0.0
L57A	Andrews Acres	120.79	46	P	PKiKP	05 02 15.8	-0.2
K57A	Scipio Center	120.80	45	P	PKPdf	05 02 15.5	-0.4
T58A	Grand View Acr	120.84	52	P	PKiKP	05 02 15.8	-0.4
R58A	Rapidan	120.93	51	P	PKPdf	05 02 15.8	-0.5
O58A	Oxford	120.95	53	P	PKiKP	05 02 16.1	-0.3
Q58A	Fox Den Farm,	121.01	50	P	PKiKP	05 02 16.3	-0.3
H57A	Richville	121.02	43	P	PKiKP	05 02 16.1	-0.2
S58A	Poland Farm, P	121.06	51	P	PKiKP	05 02 16.3	-0.3
G57A	Newington	121.07	42	P	PKiKP	05 02 16.1	-0.3
R58B	Mineral	121.11	51	P	PKiKP	05 02 16.3	-0.4
E57A	Chemin Saint G	121.14	41	P	PKiKP	05 02 16.4	-0.2
N58A	Sunbury	121.22	47	P	PKiKP	05 02 16.4	-0.5
M58A	Price's Panora	121.25	47	P	PKPdf	05 02 16.5	-0.4
O58A	Lewisberry	121.27	48	P	PKiKP	05 02 16.9	-0.2
W59A	Clinton	121.29	54	P	PKiKP	05 02 17.0	-0.1
V59A	Middlesex	121.33	53	P	PKPdf	05 02 16.6	-0.4
BINY	Binghamton	121.34	46	P	PKPdf	05 02 16.5	-0.4
K58A	Earville	121.40	45	P	PKPdf	05 02 16.6	-0.4
CBN	Corbin Frederi	121.43	51	P	PKiKP	05 02 16.9	-0.4
KMBO	Kilima Mbogo	121.44	263	PKP	PKiKP	05 02 18.6	+0.2
KMBO	Kilima Mbogo	121.44	263	PKP	PKiKP	05 02 20.1	+1.7
L58A	Harry Jones Me	121.48	46	P	PKiKP	05 02 17.1	-0.2
AKASG	Malin Array Be	121.50	325	PKP	PKPdf	05 02 16.5	-0.5
AKASG	Malin Array Be	121.50	325	PKP	PKPdf	05 02 53.2	-0.2
AKASG	Malin Array Be	121.50	325	PKP	PKPdf	05 02 16.6	-0.5
AKASG	Malin Array Be	121.50	325	PKP	PKPdf	05 02 17.6	+0.5
AKASG	Malin Array Be	121.51	43	P	PKiKP	05 02 17.1	-0.3
I58A	Old Forge	121.56	44	P	PKPdf	05 02 16.9	-0.4
S59A	Mechanicsville	121.61	51	P	PKPdf	05 02 17.0	-0.5
LATQ	La Tuque	121.63	39	P	PKPdf	05 02 17.0	-0.3
D58A	Ormsdown	121.67	42	P	PKPdf	05 02 17.0	-0.4
G58A	Chemin du Lac2	121.68	39	P	PKPdf	05 02 16.6	-0.9
E58A	La Victoria	121.72	40	P	PKPdf	05 02 16.7	-0.8
CNNC	Cliffs of the	121.72	54	P	PKiKP	05 02 17.9	-0.1
O59A	Robesonia	121.76	48	P	PKiKP	05 02 17.8	-0.2
X60A	Albert Glenn T	121.79	55	P	PKPdf	05 02 17.6	-0.4
Q59A	Harwood	121.81	50	P	PKiKP	05 02 17.8	-0.3
H58A	Gabriels	121.85	43	P	PKiKP	05 02 17.8	-0.2
N59A	State Game Lan	121.88	47	P	PKiKP	05 02 18.1	-0.1
W60A	Pink Hill	121.90	54	P	PKPdf	05 02 17.8	-0.4
M59A	Waymart	121.94	46	P	PKiKP	05 02 18.1	-0.2
K59A	Cooperstown	121.95	45	P	PKPdf	05 02 17.8	-0.3
J59A	Piesco	121.96	44	P	PKiKP	05 02 17.8	-0.5
J59A	Piesco	121.96	44	P	PKPdf	05 02 17.3	-0.8
L59A	Walton	122.01	45	P	PKPdf	05 02 17.9	-0.4
U60A	Pendleton	122.02	52	P	PKiKP	05 02 18.2	-0.4
FRNY	Flat Rock	122.09	42	P	PKPdf	05 02 17.8	-0.5
H59A	Cadyville	122.09	42	P	PKiKP	05 02 18.3	-0.2
V60A	Jim Taylor Roa	122.10	53	P	PKiKP	05 02 18.7	-0.1
S60A	Water View	122.11	51	P	PKiKP	05 02 18.5	-0.2
BOSA	Boshof	122.11	228	PKP	PKiKP	05 02 19.0	-0.3
BOSA	Boshof	122.11	228	PKP	PKiKP	05 02 55.5	-0.5
BOSA	Boshof	122.11	228	PKP	PKiKP	05 12 17.1	-0.6
T60A	Surry	122.19	52	P	PKiKP	05 02 18.5	-0.4
G60A	Greenville	122.30	48	P	PKiKP	05 02 18.7	-0.3
O60A	Telford	122.33	48	P	PKiKP	05 02 18.9	-0.2
D59A	Saint-Raymond	122.37	39	P	PKiKP	05 02 18.8	-0.1
N60A	Cedar Hill Far	122.38	47	P	PKiKP	05 02 18.9	-0.3
W61A	Ground Anchor	122.45	54	P	PKiKP	05 02 19.5	0.0
M60A	Port Jervis	122.58	46	P	PKiKP	05 02 19.6	0.0
U61A	Possum Corner	122.61	52	P	PKiKP	05 02 19.4	-0.3

L60A	Shokan	122.65	45	P	PKiKP	05 02 19.4	-0.3
I60A	Shoreham	122.65	43	P	PKiKP	05 02 19.8	+0.2
F60A	Watnick	122.72	40	P	PKiKP	05 02 19.4	-0.3
J60A	Lant Hill Farm	122.78	44	P	PKiKP	05 02 19.4	-0.5
H60A	Morristown	122.78	42	P	PKiKP	05 02 19.4	-0.5
NB2	NORSAR Subarra	122.79	342	PKPdf	PKiKP	05 02 19.1	-0.4
NOA	NORSAR Array B	122.79	342	PKP	PKiKP	05 02 19.0	-0.4
G60A	Masonville	122.82	41	P	PKiKP	05 02 19.4	-0.5
E60A	Ste Agathe de	122.88	40	P	PKPdf	05 02 19.2	-0.5
D60A	Saint Jean D'O	122.98	39	P	PKPdf	05 02 19.5	-0.4
N61A	South Mountain	123.00	47	P	PKiKP	05 02 20.4	0.0
O61A	Attentown	123.02	48	P	PKiKP	05 02 20.4	0.0
K61A	Williamstown	123.08	44	P	PKiKP	05 02 20.4	0.0
GCUP	Volcan Galeras	123.11	94	eP	PKiKP	05 02 22.8	+0.8
PAL	Palisades	123.19	46	P	PKiKP	05 02 20.4	-0.3
M61A	Granite Spring	123.19	46	P	PKiKP	05 02 20.5	-0.2
G61A	St-Isidore-de-	123.27	41	P	PKiKP	05 02 20.5	-0.3
H61A	Lyndonville	123.30	42	P	PKiKP	05 02 20.9	0.0
D61A	St Aubert, Com	123.31	38	P	PKiKP	05 02 20.7	-0.1
J61A	Chester	123.33	43	P	PKiKP	05 02 21.0	0.0
LVC	Limon Verde	123.37	124	PKP	PKiKP	05 02 22.1	0.0
LBNH	Lisbon	123.42	42	P	PKiKP	05 02 21.2	0.0
E61A	Lac Etchemin	123.46	39	P	PKiKP	05 02 21.0	-0.2
N62A	Gaumsett State	123.53	46	P	PKiKP	05 02 21.2	-0.2
L61B	Northampton	123.57	44	P	PKiKP	05 02 21.7	+0.2
MATP	Matopos	123.57	238	PKP	PKiKP	05 02 21.7	-0.6
LBTB	Lobatse	123.75	232	PKP	PKiKP	05 02 22.2	-0.3
H62A	Milan	123.79	42	P	PKiKP	05 02 21.8	-0.1
K62A	Royalston	123.80	44	P	PKiKP	05 02 21.8	-0.1
J62A	Henniker	123.88	43	P	PKiKP	05 02 22.1	+0.1
G62A	West of Eustis	123.94	41	P	PKiKP	05 02 22.3	-0.1
I62A	Tamworth	123.95	42	P	PKiKP	05 02 22.1	-0.1
POPC	Popayan, Colom	123.98	93	eP	PKPdf	05 02 21.2	-0.2
N63A	Mattituck	124.19	46	P	PKPdf	05 02 22.0	-0.4
K63A	Dunstable	124.27	44	P	PKiKP	05 02 23.1	+0.3
HRV	Adam Dzewonski	124.32	44	P	PKiKP	05 02 23.1	+0.2
J63A	Strafford	124.35	43	P	PKiKP	05 02 23.3	+0.3
MNMC	Minye Minye	124.36	120	PKPdf	PKiKP	05 02 22.1	-1.7
M63A	Gales Ferry	124.38	45	P	PKiKP	05 02 22.9	-0.2
I63A	Otisfield	124.38	42	P	PKiKP	05 02 22.9	-0.1
H63A	New Sharon	124.49	41	P	PKiKP	05 02 23.5	+0.3
L63A	North Scituate	124.52	45	P	PKiKP	05 02 23.1	-0.2
G63A	Kingbury	124.57	40	P	PKPdf	05 02 22.8	-0.3
F63A	Nahmakanta, Br	124.64	40	P	PKiKP	05 02 23.0	-0.5
D63A	Stockholm	124.65	38	P	PKiKP	05 02 23.3	-0.2
PKAC	San Jos del P	124.70	90	eP	PKPdf	05 02 23.6	-0.7
PKMC	Peaks-Kenny Pk	124.71	40	P	PKiKP	05 02 23.6	-0.0
BP16	POC Station P	124.78	119	PKP	PKiKP	05 02 22.6	-2.3
FLOC	Florence	124.84	94	eP	PKPdf	05 02 24.1	-0.5
M64A	Tiverton	124.91	45	P	PKiKP	05 02 24.0	-0.1
H64A	Troy	125.03	41	P	PKiKP	05 02 24.0	-0.3
L64A	Middleborough	125.03	44	P	PKiKP	05 02 24.0	-0.3
F64A	Sherman	125.04	39	P	PKiKP	05 02 23.8	-0.5
G64A	Warfield	125.06	40	P	PKiKP	05 02 24.2	-0.2
I64A	Boothbay	125.06	42	P	PKiKP	05 02 24.0	-0.2
E64A	Bridgewater	125.11	38	P	PKiKP	05 02 23.9	-0.5
ORTC	Ortega, Tolima	125.59	92	eP	PKPdf	05 02 25.6	-0.4
H65A	Eastbrook	125.63	40	P	PKiKP	05 02 25.2	-0.2
GUY2	Guyana, Caldas	125.65	90	eP	PKPdf	05 02 23.4	-3.2
G65A	Princeton	125.84	40	P	PKiKP	05 02 25.6	-0.2
PRAC	Prado	125.92	92	eP	PKiKP	05 02 26.8	-0.3
LSZ	Lusaka	125.98	244	PKP	PKiKP	05 02 26.1	-0.6
LSZ	Lusaka	125.98	244	PKP	PKiKP	05 03 06.6	+0.4
LSZ	Lusaka	125.98	244	PKP	PKiKP	05 02 25.2	-1.5
H66A	Whiting	126.18	40	P	PKiKP	05 02 26.2	-0.4
KOLS	Kolonick sedl	126.27	326	ePKiKP	PKiKP	05 02 27.5	+0.8
KOLS	Kolonick sedl	126.27	326	ePKiKP	PKiKP	05 02 27.5	+0.8
UZH	Uzhgorod	126.43	326	ePKiKP	PKiKP	05 02 24.0	-2.5
ROSC	El Rosal	126.63	91	P	PKiKP	05 02 28.6	-0.3
CRVS	Cervenica-Dubn	126.73	326	ePKiKP	PKiKP	05 02 28.4	+0.8
CRVS	Cervenica-Dubn	126.73	326	ePKiKP	PKiKP	05 03 06.5	+0.8
CRVS	Cervenica-Dubn	126.73	326	ePKiKP	PKiKP	05 02 28.4	+0.8
CRVS	Cervenica-Dubn	126.73	326	ePKiKP	PKiKP	05 03 06.5	+0.8
MORC	Moravsky Berou	127.98	86	eP	PKiKP	05 02 29.6	-1.1
MORC	Moravsky Berou	127.98	86	eP	PKiKP	05 02 30.0	-0.7
MORC	Moravsky Berou	127.98	86	eP	PKiKP	05 03 06.7	+0.8
KRLC	Kraliky	128.47	330	ePKiKP	PKiKP	05 02 31.5	+0.4
KRLC	Kraliky	128.47	330				

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like INU, JGF, MJAR, MAJO, MAT, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WJI, JMT, JWF, JFS, JMK, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAJ, USRK, MDJ, KLR, PETK, etc.

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

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

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

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

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like D08A, D08A, D08A, D08A, etc.

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

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

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1S2, H1S2, H1S2, H1S2, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IDC 18 05:23:22.6:1.4, 7.16S, 155.44E, h0km, mb3.6/8, mb1.4/0.8, mb1mx3.8/3.5, mbmtpp3.8/8, MS2.7/1, Ms1.2/7.1, ms1mx2.4/3.7, Error ellipse: s-maj=49.6km s-min=23.8km az=119.0

ISC 18 05:23:29.6:1.3, 7.22S, 0.2:155.4E:0.3, h50km, n9, c1910/8, mb3.6/8, Bougainville-Solomon Islands region

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

IDC 18 05:47:18.8:1.5, 39.60N, 143.63E, h0km, mb3.6/8, mb1.3/7.10, mb1mx3.5/4.9, mbmtpp3.6/10, ML3.2/2, MS2.7/1, Ms1.2/7.1, ms1mx2.3/4.0, Error ellipse: s-maj=32.3km s-min=27.0km az=115.0

JMA 18 05:47:22.4:0.2, 39.83N, 143.63E, h27km, M3.6, NIED 18 05:47:22.5, 39.83N, 143.64E, h27km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm, Mrr:2.72, Mth:1.17, Mtt:3.89, Mtr:1.5, Mtt:1.24, Mtr:1.03, Fault plane solution: Mo:3.880000e+1014, N1P1:34.000000, 350.00000, 1.118.00000, NP2:36.168.00000, 841.00000, 4.51.00000

ISC 18 05:47:24.1:0.9, 39.81N, 0.0:143.68E:0.08, h35km, n26, mb3.6/8, mb3.6/8, Off east coast of Honshu

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

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

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

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

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

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

IDC 18 06:24:36.7:1.8, 2.97N, 126.28E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.5/4.1, mbmtpp3.6/4, 1D, Error ellipse: s-maj=185.7km s-min=21.2km s-az=66.0, Northern Molucca Sea

ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

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

IDC 18 06:27:23.8:2.1, 2.3:93N, 141.68E, h87km, 18km, mb3.7/16, mb1.3/9.19, mb1mx3.7/4.7, mbmtpp4.0/19, MS4.1/2, Ms1.4/1.2, ms1mx2.8/4.2, Error ellipse: s-maj=19.4km s-min=12.7km az=105.0

NEIC 18 06:27:24.3:1.4, 2.3:93N, 0.1:141.7E:0.2, h94km, 8km, mb4.4/16, Error ellipse: s-maj=21.2km s-min=14.5km az=96.0

JMA 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHH2, JHH2, JHH2, JHH2, etc.

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

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

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

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

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

INET 18 05:00:45.5, 12.46N, 86.58W, h4km, MW3.9, Nicaragua

IDC 18 05:07:56.1:8.9, 21.90N, 144.06E, h182km, 86km, mb3.1/10, mb1.3/3.10, mb1mx3.2/4.3, mbmtpp3.6/10, Error ellipse: s-maj=33.4km s-min=15.3km az=89.0

ISC 18 05:07:52.9:1.0, 21.9N, 0.1:144.1E:0.2, h150km, n13, c19100/10, mb3.3/9, Mariana Islands region

IDC 18 05:00:04.3:3.4, 15.83N, 96.22W, h0km, mb3.3/3, mb1.3/8.5, mb1mx3.5/3.6, mbmtpp3.4/5, ML3.8/2, Error ellipse: s-maj=59.5km s-min=16.9km az=156.0

NEIC 18 05:00:08.9:1.5, 16.05N, 0.0:96.46W:0.03, h27km, 11km, Error ellipse: s-maj=5.3km s-min=4.2km az=209.0

MEX 18 05:00:10.2:1.0, 15.97N, 96.45W, h48km, 12km, MD4.1, ISC 18 05:00:07.5:3.0, 15.99N, 0.0:96.46W:0.03, h15km, 20km, n43, c1945/67, mb3.4/3, Near coast of Oaxaca

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

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

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

IDC 18 06:27:27.3:0.1, 2.4:38N, 142.70E, h178km, M4.8, ISC 18 06:27:33.9:1.0, 2.43N, 126.28E, h0km, n65, c1936/49, mb4.1/30, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEF, AAL, RAU, NUR, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like C05A, TTW, PANH, BVW, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like F04D, Rainier, OR, B023, etc.

IDC 18 09:00:10.0:3.6,52.42N:35.04E, h0km, mb1 4.0/2, mb1mx3.1/51, mbtm3.9/2, ML3.1/2, Error ellipse: s-maj=39.4km s-min=13.3km az=116.0, Baltic States-Belarus-Northwestern Russia

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

Table with columns: Code, Station Name, Time, Res. Includes stations like MDW, BRVW, SAW, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like TDH, Tom, Dick, Har, CLQ, etc.

IDC 18 09:04:09.7:0.6,47.31N:120.81W, h0km, mb3/8.8, mb1 4.0/14, mb1mx3.8/62, mbtm3.8/14, ML3.0/5, MS3.0/6, Ms1 3.0/6, ms1mx2.8/56, Error ellipse: s-maj=9.2km s-min=7.3km az=117.0

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

Table with columns: Code, Station Name, Time, Res. Includes stations like B05A, Bryan, Wooded Island, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like C03A, Quillayute IA, BIB, etc.

IASPEI 18 09:04:10.8:0.8,47.28N:120.73W:0.02, h10km,5km, mb4-1/18, Error ellipse: s-maj=3.4km s-min=2.5km az=21.8, 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

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

Table with columns: Code, Station Name, Time, Res. Includes stations like B202, Windy Ridge, M, S, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like H04A, Bend, Bend, etc.

SEA 18 09:04:11.5,47.25N:120.72W, h5km, ML4.4, ML4.0/20, Washington

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

Table with columns: Code, Station Name, Time, Res. Includes stations like E04D, Cinebar, East Dome, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like H04D, Lebanon, Trout Creek Bu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Jette, Summer Lake, Missoula, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Jewell Farm, Inuvik, Bolivar, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RABUL, TARA, FUNA, MSVF, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like W3B3, WRAB, WRAB, W2B2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FORT, SOEI, SOEI, BATI, etc.

HDA	Harding Lake	83.52	19	P	P	09 44 53.9	-0.9
HDA	Harding Lake	83.52	19	Iamb	Iamb	09 45 09.2	
HDA	Harding Lake			IAMS_20	IAMS_20	10 15 46.2	
TCOL	CIGO, UAF Yank	83.54	19	P	P	09 44 53.9	-1.0
TCOL	CIGO, UAF Yank	83.54	19	IAMS_20	IAMS_20	10 19 23.5	
KCPM	Cahto Peak	83.55	48	Iamb	Iamb	09 44 58.7	
KCPM	Cahto Peak			IAMS_20	IAMS_20	10 12 48.1	
COLA	College	83.55	19	P	P	09 44 54.5	-0.4
COLA	College			pmax	pmax	09 45 06.0	
COLA	College			IAMS_20	IAMS_20	10 19 23.5	
MCCM	Marconi Coner	83.55	49	IAMS_20	IAMS_20	10 12 04.4	
JCC	Jacoby Creek	83.61	47	IAMS_20	IAMS_20	10 18 37.7	
MENT	Mentasta	83.67	21	Iamb	Iamb	09 45 12.2	
MENT	Mentasta			IAMS_20	IAMS_20	10 16 44.9	
HOPS	Hopland Field	83.69	48	Iamb	Iamb	09 44 59.1	
HOPS	Hopland Field			IAMS_20	IAMS_20	10 23 23.0	
IL31	Ilwaco	83.78	19	Iamb	Iamb	09 45 06.7	
ILAR	Eielson Array	83.78	19	P	P	09 44 55.8	-0.4
ILAR	Eielson Array			LR	LR	10 19 32.1	
GDXM	Geysers	83.83	49	Iamb	Iamb	09 45 00.7	
GDXM	Geysers			IAMS_20	IAMS_20	10 16 56.8	
KHMM	Horse Mountain	83.84	47	Iamb	Iamb	09 45 01.1	
KHMM	Horse Mountain			IAMS_20	IAMS_20	10 18 36.8	
POKR	Poker Flat Res	83.84	19	P	P	09 44 55.4	-1.0
POKR	Poker Flat Res	83.84	19	Iamb	Iamb	09 45 06.7	
POKR	Poker Flat Res			IAMS_20	IAMS_20	10 19 42.4	
KBO	Bosley Butte	83.95	45	P	P	09 44 58.2	+0.6
KBO	Bosley Butte			IAMS_20	IAMS_20	10 15 27.7	
RAMN	Ramite	83.95	299	eP	P	09 44 58.1	-0.1
DOT	Dot Lake	83.99	21	Iamb	Iamb	09 45 09.2	
CRAG	Craig	84.07	31	IAMS_20	IAMS_20	10 15 17.0	
KEBM	Edson Butte	84.10	45	IAMS_20	IAMS_20	10 14 13.7	
SAO	San Andreas Ge	84.20	51	Iamb	Iamb	09 45 02.3	
SCRK	Sand Creek	84.23	20	P	P	09 44 58.6	0.0
O02D	Mt. Diablo Mer	84.28	47	P	P	09 44 59.0	-0.3
MAW	Mawson	84.36	202	P	P	09 44 57.5	-1.6
MAW	Mawson	84.36	202	P	P	09 45 00.3	+1.2
MAW	Mawson			LR	LR	10 17 41.2	
L02E	Cave Junction	84.37	45	P	P	09 44 59.7	+0.1
BCAR	Beaver Creek A	84.44	22	P	P	09 45 00.4	+0.8
PAF	Port-A-Franc	84.44	221	IAMS_20	IAMS_20	10 18 49.7	
J01E	Myrtle Point	84.48	44	P	P	09 44 59.8	-0.3
COLD	Coldfoot	84.50	16	P	P	09 45 01.1	+1.3
COLD	Coldfoot	84.50	16	Iamb	Iamb	09 45 00.4	+0.6
COLD	Coldfoot			IAMS_20	IAMS_20	10 16 04.6	
K02D	Willamette Mer	84.50	45	P	P	09 45 00.2	-0.3
PMPB	Monarch Peak	84.53	52	P	P	09 45 00.9	+0.3
WDC	Whiskeytown D	84.59	47	P	P	09 45 00.7	-0.1
WDC	Whiskeytown D			pmax	pmax	09 45 00.7	-0.1
WDC	Whiskeytown D			Iamb	Iamb	09 45 05.7	
WDC	Whiskeytown D			IAMS_20	IAMS_20	10 13 09.8	
N02D	Trinity Center	84.61	47	P	P	09 45 01.3	+0.4
M02C	Callahan	84.64	46	P	P	09 45 01.6	+0.5
SNCC	San Nicolas Is	84.67	55	P	P	09 45 01.5	+0.1
SNCC	San Nicolas Is	84.67	55	IAMS_20	IAMS_20	10 13 13.5	
PRP	Porcupine Dome	84.71	19	P	P	09 45 00.9	-0.1
PRP	Porcupine Dome			IAMS_20	IAMS_20	10 19 57.2	
SCZ2	Santa Cruz Isl	84.79	54	P	P	09 45 02.0	0.0
PAGB	Antelope Grade	84.81	52	P	P	09 45 02.0	-0.1
PAGB	Antelope Grade			Iamb	Iamb	09 45 16.8	
HYT	Haines Junction	84.82	25	P	P	09 45 02.0	+0.4
HYT	Haines Junction			IAMS_20	IAMS_20	10 14 31.3	
GUN	Gumba	84.82	300	eP	P	09 45 02.6	-0.1
JIS	Juneau Island	84.84	28	P	P	09 45 01.6	0.0
YBH	Yreka Blue Hor	84.85	46	eP	pmax	09 45 02.1	-0.1
YBH	Yreka Blue Hor			Iamb	Iamb	09 45 05.9	
YBH	Yreka Blue Hor			IAMS_20	IAMS_20	10 14 04.6	
SBC	Santa Barbara	84.86	54	P	P	09 45 02.3	+0.1
I02D	Swisshome	84.87	43	P	P	09 45 01.5	-0.5
SMCC	Simmler	84.89	53	P	P	09 45 02.9	+0.5
PKM	McPherson Peak	84.91	53	P	P	09 45 03.0	+0.3
WRAK	Wrangell Islan	84.91	30	P	P	09 45 01.9	0.0
WRAK	Wrangell Islan	84.91	30	IAMS_20	IAMS_20	10 15 25.0	
PALK	Pallekele	84.95	278	P	pmax	09 45 03.3	+0.1
PALK	Pallekele			pmax	pmax	09 45 03.3	+0.1
PALK	Pallekele			MLR	MLR	09 45 03.3	+0.1
HUMO	Hull Mountain	84.97	45	Iamb	Iamb	09 45 06.4	
HUMO	Hull Mountain			IAMS_20	IAMS_20	10 13 46.7	
O03E	Paynes Creek	85.04	48	P	P	09 45 02.9	-0.2
I03D	Drain, OR	85.06	44	P	P	09 45 02.4	-0.7
PKI	Pulchoki	85.14	299	eP	P	09 45 04.1	-0.2
PKIN	Phulchoki	85.15	299	eP	P	09 45 04.0	-0.2
AFDM	Forest Hills D	85.23	49	Iamb	Iamb	09 45 06.6	

BBB	Bella Bella	85.27	35	P	P	09 45 04.2	+0.3
BBB	Bella Bella			Iamb	Iamb	09 45 18.8	
BBB	Bella Bella			IAMS_20	IAMS_20	10 28 38.0	
L04D	Klamath Falls	85.30	46	P	P	09 45 04.2	-0.3
SCI2	San Clemente I	85.38	55	P	P	09 45 04.5	-0.5
CMB	Columbia Colls	85.39	50	IAMS_20	IAMS_20	10 14 11.2	
COR	Corvallis	85.40	43	P	P	09 45 06.5	+1.8
COR	Corvallis			pmax	pmax		
COR	Corvallis	85.40	43	eP	P	09 45 06.5	+1.8
DMN	Daman	85.41	299	eP	P	09 45 05.5	0.0
M04C	Macdoel	85.48	46	P	P	09 45 05.3	-0.1
FYU	Fort Yukon	85.48	18	P	P	09 45 05.3	+0.7
FYU	Fort Yukon			Iamb	Iamb	09 45 21.0	
FYU	Fort Yukon			IAMS_20	IAMS_20	10 16 33.6	
TIXI	Tiksi	85.55	349	P	pmax	09 45 04.5	-0.4
TIXI	Tiksi			pmax	pmax		
TIXI	Tiksi	85.55	349	P	P	09 45 04.5	-0.4
TIXI	Tiksi			Iamb	Iamb	09 45 11.0	
TIXI	Tiksi			IAMS_20	IAMS_20	10 24 24.7	
CIS	Catalina Islan	85.60	55	P	P	09 45 05.8	-0.3
G03D	McMinnville, O	85.64	43	P	P	09 45 05.4	-0.5
VOG	Valley Oaks Go	85.65	52	P	P	09 45 06.1	-0.1
TOLK	Toolik Lake Re	85.67	15	P	P	09 45 05.9	+0.3
TOLK	Toolik Lake Re	85.67	15	P	P	09 45 05.8	+0.2
TOLK	Toolik Lake Re			Iamb	Iamb	09 45 16.0	
OSI	Osito Audit: C	85.69	54	P	P	09 45 06.2	-0.3
OSI	Osito Audit: C	85.69	54	P	P	09 45 06.5	0.0
OSI	Osito Audit: C			Iamb	Iamb	09 45 20.0	
OSI	Osito Audit: C			IAMS_20	IAMS_20	10 14 42.4	
EGAK	Eagle	85.69	21	IAMS_20	IAMS_20	10 16 43.2	
I04A	Tendick Farm,	85.74	44	P	P	09 45 06.2	-0.3
ARVC	Arvin	85.75	53	P	P	09 45 06.6	-0.1
YES	Vestal, Richgr	85.75	52	P	P	09 45 05.7	-0.9
H04D	Lebanon	85.76	43	P	P	09 45 06.4	-0.1
J04D	Umpqua Nationa	85.76	45	P	P	09 45 05.9	-1.0
FMP	Fort Macarthur	85.78	55	P	P	09 45 06.8	-0.1
K04D	Chiloquin, OR	85.81	45	P	P	09 45 07.3	+0.2
RUBR	Rubicon Trail	85.86	49	IAMS_20	IAMS_20	10 13 14.7	
E03A	Lebam	85.90	41	P	P	09 45 07.5	+0.3
E03A	Lebam			IAMS_20	IAMS_20	10 18 25.0	
DECC	Green Verdugo	85.90	54	P	P	09 45 07.2	-0.4
GKN	Gorkha	85.91	299	eP	P	09 45 07.0	-0.9
BEKR	Beckworth	85.96	48	Iamb	Iamb	09 45 22.0	
BEKR	Beckworth			IAMS_20	IAMS_20	10 13 54.1	
NLWA	Neilton Lookou	86.00	40	Iamb	Iamb	09 45 22.4	
NLWA	Neilton Lookou			IAMS_20	IAMS_20	10 15 48.5	
PASC	Pasadena Art C	86.00	54	Iamb	Iamb	09 45 21.1	
PASC	Pasadena Art C	86.00	54	IAMS_20	IAMS_20	10 14 18.5	
A21K	Barrow	86.04	12	P	P	09 45 09.6	+2.3
A21K	Barrow	86.04	12	Iamb	Iamb	09 45 20.0	
F04D	Rainier, OR	86.10	42	P	P	09 45 08.4	+0.2
MWC	Mount Wilson	86.11	54	Iamb	Iamb	09 45 11.3	
MWC	Mount Wilson			IAMS_20	IAMS_20	10 14 33.6	
ISA	Isabella Lake	86.18	53	P	P	09 45 08.6	-0.3
H04A	Detroit Lake	86.18	43	Iamb	Iamb	09 45 22.6	
BMAR	Burnt Mountain	86.24	18	P	P	09 45 08.5	0.0
WAKR	Walker	86.24	50	Iamb	Iamb	09 45 12.4	
MDPB	Devils Postpil	86.26	51	Iamb	Iamb	09 45 12.2	
PNTR	Pine Nut	86.29	49	Iamb	Iamb	09 45 12.4	
PNTR	Pine Nut			IAMS_20	IAMS_20	10 23 05.9	
VCNR	Virginia City	86.31	49	P	P	09 45 09.1	-0.5
OMMB	Old Mammoth M	86.31	51	Iamb	Iamb	09 45 23.2	
EDW2	Edwards Air Fo	86.34	54	P	P	09 45 09.7	-0.1
J05D	Fort Rock, OR	86.38	45	P	P	09 45 09.7	-0.2
BFSC	Mount Baldy Ra	86.43	54	P	P	09 45 09.9	-0.4
MLAC	Mammoth, Mammo	86.44	51	P	P	09 45 10.1	-0.3
K05A	Summer Lake	86.45	45	Iamb	Iamb	09 45 13.3	
K05A	Summer Lake			IAMS_20	IAMS_20	10 14 46.9	
TJX	Tijuana	86.47	56	IAMS_20	IAMS_20	10 15 03.2	
109C	Camp Elliot, M	86.53	56	P	P	09 45 10.6	0.0
109C	Camp Elliot, M	86.53	56	P	P	09 45 10.2	-0.4
109C	Camp Elliot, M			Iamb	Iamb	09 45 21.3	
109C	Camp Elliot, M			IAMS_20	IAMS_20	10 14 08.7	
YERR	Yerington	86.53	49	Iamb	Iamb	09 45 23.2	
YERR	Yerington			IAMS_20	IAMS_20	10 23 23.2	
D03D	Eldon	86.54	40	P	P	09 45 10.8	+0.4
E04D	Cinebar	86.55	41	P	P	09 45 10.8	+0.4
MDRS	Chennai	86.56	284	eP	P	09 45 10.2	-0.9
MDRS	Chennai			Iamb	Iamb	09 45 16.4	
MOD	Modoc Plateau	86.61	46	Iamb	Iamb	09 45 16.3	
MOD	Modoc Plateau			IAMS_20	IAMS_20	10 14 40.3	
CCX	Cicex	86.62	57	P	P	09 45 10.7	-0.4
D04E	Lakebay	86.62	41	P	P	09 45 10.5	-0.2
PAHR	Pah Rah Range	86.63	49	Iamb	Iamb	09 45 23.6	
MURC	Murrieta	86.65	54	P	P	09 45 10.9	-0.3
I05D	Terrebonne, OR	86.64	44	P	P	09 45 11.0	0.0
CWC	Cottonwood Cre	86.70	52	P	P	09 45 11.2	-0.4
PGC	Sidney	86.70	39	Iamb	Iamb	09 45 25.2	
CBX	Center Bola	86.74	56	P	P	09 45 11.1	-0.7
DANN	Dangsing	86.74	299	eP	P	09 45 10.9	-1.3
PINE	Pine Mountain	86.75	44	P	P	09 45 11.7	0.0

PINE	Pine Mountain			Iamb	Iamb	09 45 14.7	
LRMC	Laurel Mtn Rad	86.75	53	P	P	09 45 11.5	-0.3
TIN	Tinamoa, Big	86.75	52	P	P	09 45 11.7	-0.1
BAR	Barrett	86.82	56	IAMS_20	IAMS_20	10 14 17.6	
TKX							

IRM	comp-Z,5um,22.0s Iron Mountain baz=256,SNR=93	88.43	55	P	P	09 45 20.4 +0.6
HAWA	Hanford	88.49	42	P	Iamb	09 45 19.9 +0.1 09 45 32.3
G08A	Pilot Rock	88.55	43	Iamb	Iamb	09 45 36.7
G08A	comp-Z,57nm,1.0s				IAMS_20	10 27 03.3
H06E1	SOCORRO T-PHASE87.70	71	T	T		11 23 37.9
SHPR	Sheep Range	88.99	53	Iamb	Iamb	09 45 39.4
NEE2	Needles Airpor	89.00	54	P	P	09 45 22.9 +0.5
HYB	Hyderabad	89.03	288	i P	PP	09 45 22.0 -1.0 09 48 54.0 +0.8 09 45 20.7 -2.3
HYB	Hyderabad	89.03	288	eP	Iamb	09 45 32.7
D08A	Wollman Farm,	89.08	42	P	P	09 45 22.0 -0.5 09 45 32.2
R11A	Troy Canyon, C	89.11	51	P	P	09 45 23.1 0.0
R11A	Troy Canyon, C	89.11	51	Iamb	Iamb	09 45 35.6
B08A	Colville Reser	89.20	40	Iamb	Iamb	09 45 37.0
B08A	comp-Z,224nm,1.9s				IAMS_20	10 18 30.3
PIX	Pinacate	89.20	58	P	P	09 45 23.4 0.0
113A	Mohawk Valley,	89.22	57	Iamb	Iamb	09 45 23.7 +0.2 09 45 40.6
113A	comp-Z,165nm,1.8s				IAMS_20	10 16 34.1
PDMCI	Parker Dam, Lak	89.27	55	P	P	09 45 24.3 +0.6
PRN	Pahroc Range	89.29	52	Iamb	Iamb	09 45 27.7
PRN	comp-Z,113nm,1.1s				IAMS_20	10 16 27.6
SRIG	Santa Rosalia	89.30	62	P	P	09 45 23.7 -0.3 10 16 03.6
BMO	Blue Mountains	89.55	44	P	P	09 45 24.6 -0.3
BMO	Blue Mountains	89.55	44	P	Iamb	09 45 24.6 -0.3 09 45 39.2
BMO	comp-Z,202nm,1.8s				IAMS_20	10 17 06.9
W13A	Hualapai Mount	89.66	54	P	P	09 45 25.2 -0.6 10 20 12.6
DGZ	Jazzart, Alta	89.70	321	eP	P	09 45 25.0 -0.6
C09A	Christman Ranch	89.72	41	P	P	09 45 25.0 -0.5
214A	Organ Pipe Nat	89.83	58	P	P	09 45 27.2 +0.8
214A	Organ Pipe Nat	89.83	58	Iamb	Iamb	09 45 40.7
ELK	Elko	89.96	49	P	P	09 45 27.1 0.0
MFID	Camas Ranch	90.20	46	IAMS_20	IAMS_20	10 17 09.3
DGAR	Diego Garcia	90.28	262	IAMS_20	IAMS_20	10 27 50.7
SLBS	Sierra La Lagu	90.58	66	P	Iamb	09 45 29.1 -1.1 09 45 48.1
SLBS	Sierra La Lagu	90.58	66	IAMS_20	IAMS_20	10 19 46.8
NEW	Newport	90.59	41	P	P	09 45 29.4 -0.2
NEW	Newport	90.59	41	Iamb	Iamb	09 45 43.7
LCMT	Little Creek M	90.60	53	P	P	09 45 30.0 -0.1 09 45 29.2 -1.0
ZSN	Zaisan	90.72	318	eP	P	09 45 29.1 -1.1 09 45 44.5
HSIG	comp-Z,119nm,1.6s				IAMS_20	10 17 10.5
SZCU	Shurtz Canyon	90.85	52	P	P	09 45 31.1 -0.2
KNB	Kanab	90.93	53	P	P	09 45 32.1 +0.4
KNB	Kanab	90.93	53	P	P	09 45 32.0 +0.4 09 45 30.6 -2.5 09 45 33.4 +0.3
BHPL	Bhopal	91.22	293	eP	Iamb	09 45 37.0
U15A	North Rim	91.22	53	P	Iamb	09 45 37.0
U15A	comp-Z,61nm,1.1s				IAMS_20	10 17 25.8
HLID	Haley	91.24	46	P	P	09 45 33.3 +0.4
HLID	Haley	91.24	46	Iamb	Iamb	09 45 36.1
HLID	comp-Z,54nm,1.1s				IAMS_20	10 17 28.6
X16A	Lo Mia Camp, P	91.47	55	IAMS_20	IAMS_20	10 17 14.7
SYO	Syowa Base	91.56	197	i P	P	09 45 32.0 -1.7 09 45 38.0 +4.3
SYO	Syowa Base	91.56	197	i P	P	09 45 35.4 +0.7
TUC	Tucson	91.58	58	P	P	09 45 35.5 +0.9
TUC	Tucson	91.58	58	P	P	09 45 35.5 +0.9
TUC	Tucson	91.58	58	IAMS_20	IAMS_20	10 19 44.7
DUG	Dugway, Tooele	91.64	50	P	P	09 45 35.2 +0.4
DUG	Dugway, Tooele	91.64	50	Iamb	Iamb	09 45 49.3
WUAZ	Wupatki	91.75	54	P	P	09 45 36.0 +0.5
WUAZ	Wupatki	91.75	54	Iamb	Iamb	09 45 49.4
WUAZ	comp-Z,62nm,1.4s				IAMS_20	10 17 28.0
DDI	Dehra Dun	92.03	300	eP	Iamb	09 45 36.1 -0.6 09 45 39.7
MK31	Makanchi Array	92.26	317	P	P	09 45 37.6 +0.2
MK31	Makanchi Array	92.26	317	P	Iamb	09 45 48.1
MKAR	Makanchi Array	92.26	317	P	P	09 45 37.1 -0.3
MKAR	comp-Z,31nm,0.8s,baz=98,slow=6.0,SNR=239				PKKPbC	10 02 56.5 +2.3
MKAR	comp-Z,1.3nm,0.9s,baz=274,slow=3.5,SNR=6.9				LR	10 25 53.6
MSO	Missoula	92.32	43	P	P	09 45 38.6 +0.8
MSO	Missoula	92.32	43	P	P	09 45 37.3 -0.4 09 45 36.6 -1.3
ZAAO	Zalesovo Array	92.43	324	P	Iamb	09 45 47.6
ZAAO	comp-Z,56nm,1.0s				IAMS_20	10 17 28.0
ZALV	Zalesovo Beam	92.43	324	P	P	09 45 37.1 -0.8
ZALV	comp-Z,23nm,0.9s,baz=106,slow=4.8,SNR=50				LR	10 28 59.5
ZALV	Zalesovo Beam	92.43	324	P	P	09 45 37.0 -0.9
MAKZ	Makanchi	92.48	317	P	P	09 45 38.0 -0.4
MAKZ	comp-Z,97nm,1.0s				MLR	MLR
MAKZ	comp-Z,5um,21.0s				MLR	MLR
MAKZ	Makanchi	92.48	317	P	P	09 45 38.0 -0.4
MAKZ	comp-Z,5um,21.0s				IAMS_20	10 25 15.4
MPU	Maple Canyon	92.48	50	P	P	09 45 38.9 +0.2
CTU	Comp Tracy	92.53	49	P	P	09 45 38.8 -0.2

TMUT	Trail Mountain	92.66	51	P	P	09 45 40.4 +0.7
WALA	Waterton Lakes	92.85	41	IAMS_20	IAMS_20	10 19 54.8
DLMT	Dillon	92.91	45	IAMS_20	IAMS_20	10 19 47.8
SMLA	Simla	92.94	301	eP	P	09 45 39.9 -0.9
W18A	Petrified Fore	92.99	55	P	P	09 45 41.3 +0.1
P17A	Butcher Ranch,	93.05	51	P	P	09 45 41.8 +0.5
SRU	San Rafael Swe	93.14	51	P	P	09 45 41.6 -0.2
SRU	San Rafael Swe	93.14	51	P	P	09 45 41.6 -0.2
AHD	Auburn Hatcher	93.43	47	P	P	09 45 42.9 -0.2
SHLS	Shalkode	93.45	313	eP	P	09 45 40.6 -2.5
SHLS	comp-Z,36nm,1.3s,baz=313				eS	SKSac
SHLS	Shalkode	93.45	313	eP	P	09 45 40.5 -2.5
SHLS	Shalkode	93.45	313	eP	SKSac	09 45 44.1 -1.6
BOZ	Bozeman (W)	93.62	44	P	P	09 45 44.2 +0.4
BOZ	Bozeman (W)	93.62	44	IAMS_20	IAMS_20	10 20 07.7
REDW	Red Top Meadow	93.72	47	Iamb	Iamb	09 45 57.9
REDW	comp-Z,135nm,1.9s				IAMS_20	10 24 13.6
C36M	Paulatuk	93.73	20	Iamb	Iamb	09 45 57.6
C36M	comp-Z,95nm,1.4s				IAMS_20	10 25 37.8
YHB	Horse Butte	93.75	45	P	P	09 45 45.1 +0.5
UZZB	Uzzybulak	93.76	313	eP	P	09 45 43.2 -1.3
UZZB	Uzzybulak	93.76	313	eP	P	09 45 43.1 -1.4
DHRM	DHARAMSHALA	93.87	302	eP	Iamb	09 45 43.0 -2.4 09 45 47.5
DHRM	comp-Z,50nm,0.7s				i P	PP
LOHW	Long Hollow	93.95	47	IAMS_20	IAMS_20	10 19 19.5
FLWY	Flagg Ranch	93.97	46	P	Iamb	09 45 45.7 +0.1 09 46 00.5
FLWY	comp-Z,92nm,1.6s				IAMS_20	10 19 21.1
FLWY	comp-Z,7um,22.0s				94.06 313	eP
KPKS	Kokpek	94.06	313	eP	P	09 45 44.7 -1.1
KPKS	comp-Z,37nm,1.2s,baz=313				94.06 313	eP
KPKS	Kokpek	94.06	313	eP	P	09 45 44.7 -1.1
YNR	Norris Junctio	94.11	45	P	P	09 45 46.7 +0.5
121A	Cookes Peak, D	94.11	58	P	P	09 45 46.6 +0.2
121A	Cookes Peak, D	94.11	58	P	P	09 45 46.5 0.0
121A	comp-Z,7um,20.0s				IAMS_20	10 21 33.7
H17A	Grant Village	94.12	46	P	P	09 45 46.1 -0.2
H17A	Grant Village	94.12	46	P	P	09 45 46.8 +0.4
PV10	Paradox Valley	94.14	52	P	P	09 45 45.4 -1.1
PV14	Lion Creek, Pa	94.16	52	P	P	09 45 46.9 +0.3
PV19	Morning Glori	94.17	52	P	P	09 45 47.2 +0.5
PV23	Carpenter Ridg	94.18	52	P	P	09 45 46.8 0.0
SATY	Saty	94.19	313	eP	P	09 45 45.0 -1.5
SATY	comp-Z,16nm,1.2s,baz=313				eS	SKSac
SATY	Saty	94.19	313	eP	P	09 45 44.9 -1.5
SATY	Saty	94.19	313	eP	SKSac	09 56 19.4 -0.3
PV17	East Wray Mesa	94.19	52	P	P	09 45 47.2 +0.5
PV18	Skein Mesa, Pa	94.22	52	P	P	09 45 47.0 +0.1
PV16	Nyswonger Mesa	94.23	52	Iamb	Iamb	09 46 04.5
PV04	Paradox Valley	94.25	52	P	P	09 45 47.5 +0.6
PV11	David Mesa, Pa	94.26	52	P	Iamb	09 45 47.4 +0.4 09 46 03.6
PV03	Paradox Valley	94.27	52	P	P	09 45 46.4 -0.7
PV12	Gaucor Basin,	94.31	52	P	P	09 45 47.4 +0.1
MVCO	Mesa Verde	94.36	53	P	P	09 45 46.9 -0.7
MVCO	Mesa Verde	94.36	53	P	P	09 45 47.3 -0.2 10 19 48.8
SEM	Sempalatinsk	94.36	320	eP	P	09 45 44.8 -2.5
SEM	comp-Z,2um,21.0s				eS	SKSac
SEM	comp-Z,2um,21.0s				LR	LR
SEM	comp-Z,2um,21.0s				LR	LR
PV22	Blue Mesa, Par	94.37	52	P	P	09 45 47.5 0.0
PV07	Paradox Valley	94.46	52	P	P	09 45 48.3 +0.4
BW06	Boulder Array	94.55	47	P	P	09 45 47.7 -0.5
PDAR	Pinedale Array	94.55	47	P	P	09 45 48.1 -0.1
PDAR	comp-Z,0.5nm,0.8s,baz=73,slow=5.0,SNR=3.8				LR	LR
PDAR	comp-Z,3um,20.1s,baz=270,slow=3.2				LR	LR
TDK	Taldyqorghon	94.55	315	eP	P	09 45 47.2 -0.8
TDK	comp-Z,315				eS	SKSac
TDK	comp-Z,3um,19.1s,baz=315				LR	LR
TDK	Taldyqorghon	94.55	315	eP	P	09 45 47.1 -0.8
TDK	Taldyqorghon	94.55	315	eP	SKSac	09 56 22.1 +0.8
PV15	Paradox Valley	94.57	52	P	P	09 45 48.8 +0.3
O20A	White River Ci	95.06	50	P	P	09 45 50.7 +0.1
O20A	White River Ci	95.06	50	P	Iamb	09 45 50.4 -0.3
O20A	comp-Z,68nm,1.8s				IAMS_20	10 20 04.2
Y22D	IRIS PASCALL I	95.09	56	P	P	09 45 50.6 -0.2
Y22D	IRIS PASCALL I	95.09	56	IAMS_20	IAMS_20	10 19 28.5
RLMT	Red Lodge	95.17	45	P	P	09 45 51.6 +0.6
RLMT	Red Lodge	95.17	45	P	P	09 45 50.9 -0.2
RLMT	comp-Z,5um,20.0s				IAMS_20	10 22 22.7
MDOK	Medeo	95.18	313	eP	P	09 45 50.0 -1.1
MDOK	comp-Z,313				eS	SKSac
MDOK	comp-Z,1um,16.6s,baz=313				LR	LR
MDOK	Medeo	95.18	313	eP	P	09 45 50.0 -1.1
MDOK	Medeo	95.18	313	eP	SKSac	09 56 25.4 +0.3
AAA	Alma-Ata	95.29	313	eP	MLR	09 45 50.3 -1.2
AAA	Alma-Ata	95.29	313	LR	LR	10 26 49.0
AAA	Alma-Ata	95.29	313	eP	MLR	09 45 50.2 -1.2
NR1K	Noril'sk	95.34	340	P	P	09 45 50.2 -0.8
NR1K	comp-Z,14nm,0.9s,baz=96,slow=3.7,SNR=11				PP	PP
NR1K	comp-Z,4.4nm,0.8s,baz=83,slow=12,SNR=4.9				LR	LR
NR1K	Noril'sk	95.34	340	Iamb	Iamb	09 46 00.8
NR1K	comp-Z,48nm,1.3s				IAMS_20	10 32 03.2

BNM	Barren Site	95.34	56	P	P	09 45 51.3 -0.8
CHKK	Chushkaly	95.34	313	eP	P	09 45 50.7 -1.0
CHKK	Chushkaly	95.34	313	eP	P	09 45 50.6 -1.0
EGMT	Eagleton	95.34	42	P	P	09 45 51.8 +0.2
EGMT	Eagleton	95.34	42	P	P	09 45 50.6 -1.0
EGMT	comp-Z,37nm,0.9s				Iamb	09 46 07.8
KSH	Kashi	95.37	309	P	P	09 45 53.9 +1.9
KSH	Kashi	95.37	309	P	P	09 45 59.8 +0.1
KSH	Kashi	95.37	309	P	PP	09 49 45.5 +2.7
KSH	Kashi	95.37				

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

18d 18:09:44:28.4:62.0, 53.06N-49.88E, h0km Error ellipse: s-maj=332.9km s-min=123.2km az=110.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I31KZ, H46RU, I34MN.

HEL 18 10:01:18.9:0.1, 64.65N-30.75E, h0km, ML2.1, Explosion KOLA 18 10:01:20.5, 64.83N-30.02E, h0km, ML2.4, Karelia, Finland, Oulu area

18d 18:01:20.0:1.0, 64.76N-0.03:30.45E:0.05, h0km, n25, +176/62, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KU6, MSF, MSJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOF, APA0, APOA, etc.

18d 18:03:08.8:99.0, 53.61N-47.90E, h0km, Error ellipse: s-maj=611.5km s-min=139.9km az=108.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I31KZ, H46RU, I34MN.

HEL 18 10:16:37.7:0.1, 59.70N-22.29E, h0km, ML2.3, ML2.4(UPP), Explosion

UPP 18 10:16:38.0:1.3, 59.87N-22.28E, h0km, ML2.4, Suspected explosion

18d 18:16:38.9:1.6, 59.84N-22.25E, h0km, mb1 3.3/3, mb1mx3.0/42, mbtmp3.3/3, ML2.2/4, Error ellipse: s-maj=21.4km s-min=6.2km az=161.0

NAO 18 10:16:38.2:1.9, 59.81N-22.29E, ML2.4 BEER 18 10:16:41.0:4.0, 59.98N-22.13E, h0km, ML2.4(NAO), Suspected explosion

18d 18:16:34.6:0.7, 59.67N-0.04:22.25E:0.02, h0km, n46, +176/66, Baltic States-Belarus-Northwestern Russia

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

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

JMA 18 10:20:36.7, 33.60N-135.29E, h43km, M3.5, 2C-7D Broadband fault plane solution: P waves. NP1: 220.00000, 212.00000, -15.00000, -15.00000, NP2: 326.00000, 387.00000, -7.10100000, Principal axes: T P1g41.0000, Azm66.0000, N P1g11.0000, Azm326.0000, P P1g47.0000, Azm224.0000, Near south coast of western Honshu

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

18d 18:52:28.9:19.0, 65.26S-178.37E, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.6/31, mbtmp3.5/3, ML3.2/1, MS3.9/1, M31 3.9/1, mb1mx3.5/14 Error ellipse: s-maj=506.1km s-min=45.8km az=82.0, Balleny Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNSA, H01W1, H01W2, etc.

18d 18:54:31.7:3.4, 18.32Sx178.06W, h471km, mb3.0/6, mb1 3.3/6, mb1mx2.9/35, mbtmp3.9/6, Error ellipse: s-maj=106.8km s-min=21.4km az=152.0

18d 18:54:34.6:1.5, 17.85S-106.178W:0.3, h500km, n7, +1945/7, mb3.5/6, Fiji Islands region

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

18d 18:51:21.0:3.5, 9.53S-112.72E, h0km, mb3.3/4, mb1 3.5/6, mb1mx3.4/37, mbtmp3.4/5, ML3.1/1, Error ellipse: s-maj=169.2km s-min=23.8km az=50.0, South of Java

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

JMA 18 12:07:16.9:0.2, 39.48N-143.53E, h27km, mb3.6/4, mb1 3.6/6, mb1mx3.4/36, mbtmp3.6/6, ML2.9/2, Error ellipse: s-maj=54.4km s-min=19.6km az=82.0

18d 18:07:18.8:1.2, 39.56N-0.06:143.30E, h11km, n22, +096/25, mb3.5/4, Off east coast of Honshu

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

18d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FPAL Fort Paine, JCT Junction City, WHTX Lake Whitney, etc.

2015 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JSRW J. Sargeant Re, CCM Cathedral Cave, CCM Cathedral Cave, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PV22 comp=Z,5.4nm,1.1s, PV14 Lion Creek, PA, etc.

Table with columns: MATQ, Matagami, 39.93, 8, P, P, 13 19 52.7 -1.6. Includes stations like Matagami, Flagg Ranch, ELK, Bathurst New B, Red Lodge, Mina Array Sit, etc.

Table with columns: NBPA, Parau RN, 50.58, 106, eP, P, 13 21 19.0 -0.2. Includes stations like Cacapava Do Su, Canela, Sao Joao De Ma, etc.

Table with columns: SONM, Songino Array, 27.91, 300, P, P, 13 21 47.8 +0.6. Includes stations like ZALV, 0.3nm, 0.5s, baz=109, slow=8.6, SNR=1.3, etc.

18d 14h

Table with columns for station code, frequency, power, and other technical details. Includes stations like LZH, H11S3, H11S2, etc.

2015 FEB

Table with columns for station code, frequency, power, and other technical details. Includes stations like ULN, Ulaanbaatar, ULN, etc.

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Table with columns for station code, frequency, power, and other technical details. Includes stations like MKAR, MKAR, MKAR, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like AKBB, MNK, HARR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like I58A, F63A, K57A, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ARLS, TAS, EKS2, etc.

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

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

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

BOD	Bodaibo	79.53	335	eP	P	16 39 30.1	0.0
BOD	comp=Z,22nm,1.6s				pmax		
TTA	Tatalina	79.63	17	P	pmax	16 39 31.2	+0.6
TTA	comp=Z,26nm,1.3s						
TTA	Tatalina	79.63	17	P	IAMB	16 39 31.2	+0.6
O22K	Cooper Landing	79.88	21	P	P	16 39 33.8	+1.9
RC01	Rabbit Creek A	80.30	21	P	P	16 39 35.0	+0.8
ZAK	Zakamensk	80.48	326	eP	pmax	16 39 35.7	+0.2
ZAK	comp=Z,14nm,1.4s						
IRK	Irkutsk	80.88	327	eP	pmax	16 39 37.7	+0.2
IRK	comp=Z,43nm,4.2s						
TLY	Talaya	80.93	327	eS	P	16 39 38.5	+0.7
TLY	comp=Z,48nm,1.5s						
TLY	comp=Z,1um,17.0s				MLR		
RODOG	Red Dog Mine	82.07	12	IAMB	IAMB	16 39 50.2	
RND	Reindeer	82.21	19	IAMB	IAMB	16 40 07.6	
RPN	Rapa Nui	82.24	116	LR	LR	17 08 30.9	
M24K	Tolsona, Glenn	82.25	21	P	P	16 39 45.6	+1.0
MCK	McKinley	82.41	19	P	P	16 39 45.9	+0.6
N25K	Chitina, Valde	82.50	22	P	P	16 39 46.5	+0.5
IMAR	Indian Mountain	82.59	16	P	P	16 39 46.3	+0.1
GLB	Gilahina Butte	82.69	23	P	IAMB	16 40 01.4	
MLY	Manley	82.76	18	P	P	16 39 46.5	-0.7
NEA2	Nenana	82.96	19	P	P	16 39 47.2	-0.9
TAPN	Taplejung	82.97	299	eP	P	16 39 49.3	-0.1
ODAN	Odare	83.11	299	eP	P	16 39 51.4	+1.3
WRH	Wood River Hill	83.18	19	IAMB	IAMB	16 40 10.0	
HDA	Harding Lake	83.51	19	P	P	16 39 51.5	+0.5
COLA	College	83.53	191	eP	pmax	16 39 49.9	-1.2
COLA	comp=Z,6.0nm,0.8s						
IL31	comp=Z,14nm,1.1s						
ILAR	Eielson Array	83.77	19	P	P	16 39 52.5	+0.1
ILAR	comp=Z,2.5nm,0.8s,baz=252,slow=5.5,SNR=19						
ILAR	Eielson Array	83.77	19	P	P	16 39 51.1	-1.2
RAMN	Ramite	83.81	299	eP	P	16 39 54.5	+0.8
KHMM	Horse Mountain	83.89	47	IAMB	IAMB	16 40 21.6	
DOT	Dot Lake	83.98	21	IAMB	IAMB	16 40 15.4	
SCRK	Sand Creek	84.22	20	P	P	16 39 54.5	-0.3
O02D	Mt. Diablo Mer	84.34	47	P	P	16 39 56.6	+0.7
MAW	Mawson	84.36	202	LR	LR	17 14 51.6	
L02E	Cave Junction	84.41	45	P	P	16 39 57.0	+0.8
BCAR	Beaver Creek A	84.43	22	P	P	16 39 56.4	+0.6
COLD	Coldfoot	84.47	16	P	P	16 39 57.3	+1.4
K02D	Willamette Me	84.55	45	P	P	16 39 55.6	-1.3
WDC	Whiskeytown Da	84.65	47	IAMB	IAMB	16 40 03.1	
GUN	Gumba	84.68	300	eP	P	16 39 59.2	+0.9
M02C	Callahan	84.69	46	P	P	16 39 56.9	-0.7
PALK	Pallekele	84.82	278	P	pmax	16 40 00.4	+1.5
PALK	comp=Z,26nm,1.3s						
PALK	Pallekele	84.82	278	P	IAMB	16 40 00.3	+1.5
YBH	Yreka Blue Hor	84.90	46	IAMB	IAMB	16 40 04.5	
PKI	Pulchoki	85.00	299	eP	P	16 40 00.2	+0.4
PKIN	Pulchoki	85.01	299	eP	P	16 40 00.2	+0.4
HUMO	Hull Mountain	85.02	45	IAMB	IAMB	16 40 10.2	
ORV	Oroville	85.08	48	IAMB	IAMB	16 40 05.4	
O03E	Paynes Creek	85.09	48	P	P	16 39 59.3	-0.4
KKN	Kakani	85.16	299	eP	P	16 40 01.3	+0.8
DMN	Daman	85.27	299	eP	P	16 40 02.2	+1.1
L04D	Klamath Falls	85.34	46	P	P	16 39 59.5	-1.6
TIXI	Tiksi	85.47	349	P	pmax	16 40 00.3	-0.5
TIXI	comp=Z,18nm,1.2s						
TIXI	Tiksi	85.47	349	P	IAMB	16 40 00.3	-0.5
M04C	Macdoel	85.53	46	P	P	16 40 01.9	0.0
TOLK	Toolik Lake Re	85.64	15	P	P	16 40 02.3	+0.6
GKN	Gorkha	85.77	299	eP	P	16 40 04.0	+0.5
I04A	Tendick Farm,	85.78	44	P	P	16 40 03.0	0.0
J04D	Umpqua Nationa	85.81	45	P	P	16 40 01.8	-1.6
RUBR	Rubicon Trail	85.92	49	IAMB	IAMB	16 40 10.2	
BEKR	Beckworth	86.01	48	IAMB	IAMB	16 40 04.4	0.0
BEKR	comp=Z,21nm,1.5s						
MWC	Mount Wilson	86.18	54	IAMB	IAMB	16 40 19.0	
BMAR	Burnt Mountain	86.22	18	P	P	16 40 05.6	+1.0
ISA	Isabella, Lake	86.24	53	P	P	16 40 05.4	-0.1
ISA	Isabella, Lake	86.24	53	IAMB	IAMB	16 40 18.6	
WAKR	Walker	86.30	50	IAMB	IAMB	16 40 09.4	
PNTR	Pine Nut	86.34	49	IAMB	IAMB	16 40 12.4	
OMMB	Old Mammoth M	86.38	51	IAMB	IAMB	16 40 20.3	
EDW2	Edwards Air Fo	86.41	54	P	P	16 40 05.9	-0.5
J05D	Fort Rock, OR	86.43	45	P	P	16 40 06.5	+0.1
E04D	Cinebar	86.59	41	P	P	16 40 05.5	-1.3
DANN	Dangsing	86.60	300	eP	P	16 40 07.5	-0.3
PAHR	Pah Rah Range	86.68	49	IAMB	IAMB	16 40 10.1	
CWC	Cottonwood Cre	86.76	52	P	P	16 40 08.4	+0.2
PINE	Pine Mountain	86.79	44	IAMB	IAMB	16 40 14.6	
LRMC	Laurel Mtn Rad	86.81	53	P	P	16 40 08.2	-0.2
LHV	Little Huntton	86.93	50	IAMB	IAMB	16 40 19.1	
G05D	Wamic, OR	86.99	43	P	P	16 40 09.8	+0.9
F05D	White Salmon	87.10	42	P	P	16 40 10.3	+0.9
MPMC	Manual Prospec	87.12	53	P	P	16 40 09.8	-0.1

NVAR	Minna Array Be	87.13	50	P	P	16 40 10.8	+0.8
NVAR	comp=Z,7.5nm,1.1s,baz=234,slow=6.1,SNR=23						
NVAR	comp=Z,1um,18.5s,baz=270,slow=32				LR		
MONP2	Monument Peak	87.15	56	P	P	16 40 09.9	-0.1
A04D	Lummi Island	87.22	39	P	P	16 40 11.3	+1.0
NV11	Minna Array Sit	87.24	50	IAMB	IAMB	16 40 11.5	
PFO	Pinyon Flats O	87.30	55	P	P	16 40 10.8	0.0
TPFO	Pinon Flats	87.31	55	P	P	16 40 10.6	-0.3
B05A	Bryant	87.45	40	P	P	16 40 12.8	+1.8
GSC	Goldstone, Bar	87.46	54	P	P	16 40 12.6	+1.1
GSC	Goldstone, Bar	87.46	54	IAMB	IAMB	16 40 12.8	
GRAC	Grapevine Rang	87.46	52	P	P	16 40 13.6	+2.2
SWSC	Sam W. Stewart	87.67	56	P	P	16 40 13.9	+1.4
WMQ	Urumqi	87.67	315	eP	P	16 40 12.8	+0.5
WMQ	comp=Z,14nm,2.2s				pmax		
WMQ	comp=Z,160nm,6.9s				LR		
WMQ	comp=Z,490nm,16.3s				LR		
WMQ	comp=Z,640nm,16.3s				LR		
HEC	Hector Ludlow	87.71	54	P	P	16 40 13.6	+0.9
BELC	Belle Mtn. Jos	87.77	55	P	P	16 40 13.3	+0.2
I07A	Izee	87.87	45	IAMB	IAMB	16 40 15.8	
WVOR	Wild Horse Val	88.00	46	IAMB	IAMB	16 40 29.8	
SHOC	Shoshone, Teco	88.03	53	P	P	16 40 15.6	+1.5
EPYK	Eagle Plains	88.11	20	P	P	16 40 14.7	+0.8
BC3	Big Chuckawall	88.15	53	P	P	16 40 15.0	+0.2
GMRC	Granite Mounta	88.24	54	P	P	16 40 15.0	-0.3
TPNV	Topopah Spring	88.31	52	IAMB	IAMB	16 40 33.4	
GLA	Glamis	88.49	56	P	P	16 40 17.6	+1.2
IRM	Iron Mountain	88.50	55	P	P	16 40 16.5	+0.1
G08A	Pilot Rock	88.59	43	P	IAMB	16 40 17.6	+0.9
R11A	Troy Canyon, C	89.17	51	P	P	16 40 19.6	-0.1
B08A	Colville Reser	89.23	40	P	IAMB	16 40 19.7	+0.2
PDMCI	Parker Dam, Lak	89.34	55	P	P	16 40 20.3	0.0
DGZ	Jazzator, Alta	89.58	321	eP	P	16 40 21.5	+0.2
W13A	Hualapai Mnt	89.73	54	IAMB	IAMB	16 40 35.8	
214A	Organ Pipe Nat	89.90	58	P	P	16 40 22.5	-0.6
F10A	Beach Ranch, E	89.95	43	IAMB	IAMB	16 40 43.6	
INK	Inuvik	90.17	19	P	pmax	16 40 25.1	+1.8
INK	comp=Z,19nm,1.5s						
INK	Inuvik	90.17	19	IAMB	IAMB	16 40 25.1	+1.8
MFID	Camas Ranch	90.25	46	IAMB	IAMB	16 40 37.9	
ZSN	Zaisan	90.59	318	eP	P	16 40 26.6	+0.7
ZSN	Zaisan	90.59	318	eP	IAMB	16 40 26.5	+0.7
LCMT	Litt Creek M	90.67	53	IAMB	IAMB	16 40 37.5	
SLBS	Sierra La Lagu	90.68	66	P	IAMB	16 40 27.3	+0.4
CCUT	Cedar City	90.68	52	IAMB	IAMB	16 40 47.4	
SZCU	Shurt Canyon	90.92	52	IAMB	IAMB	16 40 42.3	
U15A	North Rim	91.28	53	IAMB	IAMB	16 40 46.4	
HLID	Hailey	91.29	46	P	IAMB	16 40 30.2	+0.7
SYO	Syowa Base	91.58	197	eP	P	16 40 29.2	-0.8
BGU	Big Grassy Mou	91.69	49	IAMB	IAMB	16 40 44.7	
DUG	Dugway, Tooele	91.69	50	P	pmax	16 40 32.0	+0.7
DUG	Dugway, Tooele	91.69	50	P	IAMB	16 40 32.0	+0.7
MTPU	Mount Pierson	91.71	52	IAMB	IAMB	16 40 55.5	
WUAZ	Wupatki	91.82	54	IAMB	IAMB	16 40 52.5	
MK31	Makanchi Array	92.13	317	eP	IAMB	16 40 33.0	-0.1
MK31	Makanchi Array	92.13	317	IAMB	IAMB	16 40 39.6	
MKAR	Makanchi Array	92.13	317	P	P	16 40 32.6	-0.5
MKAR	comp=Z,5.1nm,0.9s,baz=98,slow=5.4,SNR=29				LR		
MKAR	Makanchi Array	92.13	317	P	pmax	16 40 33.0	-0.1
NLU	North Lily Mnt	92.19	50	IAMB	IAMB	16 40 49.5	
ZAAO	Zalesovo Array	92.31	324	P	P	16 40 32.4	-1.2
ZALV	Zalesovo Beam	92.31	324	P	P	16 40 33.0	-0.7
ZALV	comp=Z,5.4nm,1.1s,baz=106,slow=4.8,SNR=15				LR		
ZALV	Zalesovo Beam	92.31	324	P	pmax	16 40 34.0	+0.4
ZALV	Zalesovo Beam	92.31	324	P	P	16 40 33.2	-0.5
MAKZ	Makanchi	92.35	317	P	pmax	16 40 34.4	+0.4
MAKZ	comp=Z,18nm,1.2s						
MAKZ	Makanchi	92.35	317	P	P	16 40 34.4	+0.4
SHLS	Shalkode	93.31	313	eP	P	16 40 38.1	-0.6
SHLS	Shalkode	93.31	313	eP	pmax	16 40 38.1	-0.6
SHLS	Shalkode	93.31	313	eP	pmax	16 40 38.1	-0.6
UZZB	Uzynbulak	93.63	313	eP	P	16 40 40.9	+0.6
UZZB	comp=Z,5.9nm,1.1s,baz=313						
BOZ	Bozeman (W)	93.67	44	P	pmax	16 40 40.0	0.0
BOZ	comp=Z,10.0nm,1.2s						
BOZ	Bozeman (W)	93.67	44	P	IAMB	16 40 40.0	0.0
C36M	Paulatuk	93.72	20	P	P	16 40 39.9	+0.1
C36M	Paulatuk	93.72	20	IAMB	IAMB	16 40 47.9	
YHL	Hebgen Lake	93.83	45	IAMB	IAMB	16 40 56.1	
KPKS	Kokpek	93.93	313	eP	P	16 40 41.9	+0.4
KPKS	comp=Z,10nm,1.5s,baz=313						
KPKS	Kokpek	93.93	313	eP	pmax	16 40 41.9	+0.4
SEM	Semipalatinsk	94.24	320	eP	P	16 40 41.8	-1.2

SEM	comp=Z,188nm,21.0s				LR		
SEM	Semipalatinsk	94.24	320	eP	P	16 40 41.7	-1.2
SEM	comp=Z,188nm,21.0s				MLR		
TDK	Taldyqorghan	94.42	315	eP	P	16 40 44.2	+0.5
TDK	comp=Z,5.8nm,1.0s,baz=315						

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GMRC Granite Mounta, TPNV Topopah Spring, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CTU Camp Tracy, MAKZ Makanchi, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKASG Malin Array Be, AKASG Malin Array B, etc.

TRN 18 17:15:13.1, 10.46GN:62.62W, h1km, MD3.6
FUNV 18 17:15:13.5, 10.44N:62.62W, h1km, MW3.1
ISC 18 17:15:13.1, 1.2, 10.44N:0.04:62.67W:0.03, h8km, 10km,
n22, i09/36, Near coast of Venezuela
Code Station Name A° AZ° Phase ID Time Res

IDC 18 17:18:28.9, 3.5, 29.09N:86.16E, h0km, mb3.5/3,
mb1 3.7/4, mb1mx3.4/38, mbtmp3.5/4, ML3.1/1, MS3.9/1,
Ms1 3.9/1, ms1mx3.2/36, Error ellipse: s-maj=115.1km
s-min=29.9km az=80.0
ISC 18 17:18:34.2, 2.0, 29.33N:0.2:86.3E:0.2, h35km, n7, e1967/6,
mb3.5/3, Xizang
Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various frequency/phase data for stations in the Santa Cruz Islands region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various frequency/phase data for stations in the Southern Islands region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various frequency/phase data for stations in the Fiji Islands region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various frequency/phase data for stations in the Tonga Islands region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like MTSU, RMQ, ARMA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like CM01, CM05, CM02, etc.

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

18d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, RND Reindeer, KTH Kantishna Hill, etc.

IDC 18 20:12:03.0-1.9, 55.04S, 28.85W, h0km, mb4.0/2, mb1 4.1/2, mb1mx3.8/14, mbtmp4.0/2, Error ellipse: s-maj=91.1km s-min=43.6km az=15.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, TORD Torodi Ar. Bea, ILAR Eielson Array, etc.

NEIC 18 20:12:2.2-2.4, 1.20N, 0.07E, 127.90E, 0.05, h6km, 5km, mb4.5/25, Error ellipse: s-maj=10.3km s-min=6.7km az=154.0

IDC 18 20:12:0.7, 1.16N, 127.92E, h0km, mb4.0/12, mb1 4.2/16, mb1mx4.0/36, mbtmp4.1/16, ML3.9/2, MS3.6/12, Ms1 3.5/12, mb1mx3.3/44, Error ellipse: s-maj=27.0km s-min=13.0km az=79.0

ISC 18 20:15.3-0.4, 1.09N, 0.06E, 127.89E, 0.06, h23km, n70, s161/63, mb4.5/32, MS3.5/9, I.C. Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TNU Ternate, SIJI Sorong, LUWI Luwuk, etc.

2015 FEB

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, KSRS Korea Array, MJAR Matushiro Arr, etc.

NEIC 18 20:36:14.2-2.4, 11.05S, 0.103E, 163.9E, 0.1, h43km, 12km, mb4.1/3, Error ellipse: s-maj=16.3km s-min=4.0km

IDC 18 20:36:15.8-3.9, 1.105S, 163.76E, h50km, 33km, mb3.4/5, mb1 3.7/7, mb1mx3.5/28, mbtmp3.7/7, ML3.9/2, MS3.4/1, Ms1 3.4/1, ms1mx2.7/15, Error ellipse: s-maj=33.8km s-min=22.8km az=50.0

ISC 18 20:36:12.7-0.9, 1.10S, 0.11E, 163.9E, 0.1, h29km, n22, s126/16, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, SANU Sarauoutu, DZM Mont Dzumac, etc.

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OSPL 18 21:03:29.1-2.8, 17.97N, 70.38W, h18km, 10km, ML3.1, ISC 18 21:03:25.6-1.3, 17.89N, 0.04E, 70.35W, 0.05, h30km, 12km, n12, s197/24, I.D. Dominican Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BANI BANI, LOSCI San Cristbal, SDD Santo Domingo, etc.

KRSC 18 21:13:02.6-1.1, 54.85N, 165.60E, h26km, 12km, ML3.5, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BKI Bering, KBTR Krutobergovo, MKZ Mys Kozlovka, etc.

IDC 18 21:18:43.1-7.0, 0.10N, 123.46E, h140km, 69km, mb3.1/5, mb1 3.4/7, mb1mx3.2/39, mbtmp3.7/7, Error ellipse: s-maj=78.1km s-min=58.0km az=58.0

ISC 18 21:18:44.8-1.0, 0.03S, 0.09E, 123.36E, 0.2, h127km, n7, s192/9, mb3.2/5, Minahassa Peninsula, Sulawesi

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

MAN 18 21:26:42.5-5.72N, 127.17E, h94km, MS2.8, IDC 18 21:26:49.0-17.0, 5.82N, 127.01E, h147km, 167km, mb3.1/8, mb1 3.2/8, mb1mx3.0/51, mbtmp3.5/8, Error ellipse: s-maj=81.6km s-min=37.8km az=60.0

ISC 18 21:26:43.9-1.1, 5.83N, 109.127E, 0.1, h100km, n14, s152/18, mb3.4/6, I.C. Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MATI Mati, DMPP Don Marcelino, KCP Kidapawan, etc.

IDC 18 21:28:03.7-7.5, 18.77S, 176.86W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.4/43, mbtmp3.6/2, Error ellipse: s-maj=302.5km s-min=121.0km az=152.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warrungung Arr, ASAR Alice Springs, AKASE Malin Array Be, etc.

GUC 18 21:35:32.8-0.7, 22.07S, 67.60W, h216km, 8km, ML3.8, SCB 18 21:35:33.8-1.6, 22.14S, 67.34W, h175km, 2km, ML3.5/4, Error ellipse: s-maj=7.9km s-min=4.9km az=12.0

ISC 18 21:35:30.8-1.8, 22.09S, 0.04E, 67.36W, 0.05, h193km, 14km, n33, s192/158, 8C-3D, Chile-Bolivia border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W39A, W39A Magazine, W39A Bolivar, etc.

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

W39A baz=295 S Sn 21 38 23.2 +0.7

W39A Magazine 3.41 113 IAMB_Lg 21 38 44.1

W39A Bolivar 3.60 71 IAMB_Lg 21 38 46.3

AMTX Amarillo 3.72 244 P Pn 21 37 45.7 -0.2

AMTX Amarillo 3.72 244 Pn IAMB_Lg 21 37 46.2 +0.3

U40A Yellville 3.85 92 P Pn 21 37 47.6 +0.1

U40A Yellville 3.85 92 S Sn 21 38 32.8 -0.6

MIAR Mount Ida 3.87 121 P Pn 21 37 48.5 +0.6

MIAR Mount Ida 3.87 121 IAMB_Lg 21 38 53.0

Z38A Mt. Pleasant 3.96 146 IAMB_Lg 21 39 01.3

N33A J Bar K, Exete 4.15 2 IAMB_Lg 21 39 07.6

MGMO Mountain Grove 4.33 81 IAMB_Lg 21 39 06.3

X40A Basin Creek Fa 4.43 117 Pn Pn 21 37 55.5 0.0

FCAR Ozark Folk Cen 4.49 97 IAMB_Lg 21 39 11.1

WHAR Woolly Hollow 4.51 105 IAMB_Lg 21 37 57.6 +0.9

R40A Maddies Statio 4.58 67 Pn Pn 21 37 58.2 +0.5

KSCO Kaye Shedlock 4.65 303 IAMB_Lg 21 39 23.9

BGNE Belgrade 4.83 355 IAMB_Lg 21 39 34.3

LCAR Lake Charles 5.24 94 IAMB_Lg 21 39 36.4

T42A Van Buren 5.25 83 IAMB_Lg 21 39 40.3

CCM Cathedral Cave 5.29 72 IAMB_Lg 21 38 08.2 +0.9

CCM Paris 5.29 55 IAMB_Lg 21 38 07.7 +0.4

N38A Joes South For 5.42 38 IAMB_Lg 21 39 53.7

OGNE Ogallala 5.55 323 IAMB_Lg 21 39 54.5

PBMO Poplar Bluff 5.78 86 IAMB_Lg 21 39 59.8

435B Jarrell 5.79 180 IAMB_Lg 21 39 55.3

FLM French Village 5.90 74 IAMB_Lg 21 39 54.2

SVM Sault Louis 6.21 69 IAMB_Lg 21 40 03.1

JCT Junction City 6.36 197 IAMB_Lg 21 40 14.4

N41A Hart Midland 6.70 50 IAMB_Lg 21 40 21.8

W45A Hickory Valley 6.99 99 IAMB_Lg 21 40 48.4

ISCO Idaho Springs 7.07 299 Pn Pn 21 38 33.2 +1.1

L42A Oliver Polo 8.20 46 IAMB_Lg 21 41 06.8

W48A Smith Brothers 8.77 92 IAMB_Lg 21 41 37.8

W39A baz=295 S Sn 21 38 23.2 +0.7

W39A Magazine 3.41 113 IAMB_Lg 21 38 44.1

W39A Bolivar 3.60 71 IAMB_Lg 21 38 46.3

AMTX Amarillo 3.72 244 P Pn 21 37 45.7 -0.2

AMTX Amarillo 3.72 244 Pn IAMB_Lg 21 37 46.2 +0.3

U40A Yellville 3.85 92 P Pn 21 37 47.6 +0.1

U40A Yellville 3.85 92 S Sn 21 38 32.8 -0.6

IDC 18 22:15:06.6:0.6,58:41N:137:04W,h0km,mb3.9/14, mb1.4/22,mb1mx4.0/47,mbtmp4.0/22,ML3.9/8,MS3.6/23, Ms1.3/6/23,ms1mx3.5/44,Error ellipse: s-maj=12.0km s-min=7.4km az=37.0

AEIC 18 22:15:07.1:8.58:34N:0:04:137:03W:0:05,h3km,4km, Error ellipse: s-maj=6.1km s-min=4.2km az=190.0

NEIC 18 22:15:07.7:2.1.58:38N:0:04:136:92W:0:06,h10km,1km, Error ellipse: s-maj=7.5km s-min=4.4km az=203.0

NEIC 18 22:15:07.5:58:37N:136:90W,h0km,Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr-0.14; Mw-0.39; Ms-0.59; M-0.35; M-0.13; M-0.17; Fault plane solution: M6.50000x10^15 NP1:33.00000, 574.00000, -34.00000. NP2:33.00000, 857.00000, -161.00000. Principal axes: T 0.6105, P1g11.0000, Azm86.0000; N 0.0765, P1g52.0000, Azm191.0000; P -0.6870, P1g36.0000, Azm349.0000

NEIC 18 22:15:07.5:58:34N:136:90W,h19km,Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr-1.0; Mw-3.81; Ms-2.82; M-1.14; M-0.62; M-0.89; Fault plane solution: M6.77000x10^15 NP1:40.91000, 663.93000, -19.36000. NP2:306.77000, 881.60000, -153.63000. Principal axes: T 3.2665, P1g24.0000, Azm261.0000; N 0.7652, P1g62.0000, Azm110.0000; P -4.0917, P1g12.0000, Azm356.0000

PGC 18 22:15:07.7:58:37N:136:90W,h10km,ML4.2/10,Mw4.5, 127km Wsw of Haines, Ak Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

ISC 18 22:15:07.3:0.4.136:33N:0:03:136:93W:0:03,h10km, n336,r150/345,mb4.2/36,MS3.6/16,Southeastern Alaska

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like BERG Berg Lake, NICHAN Nichawayk Mount, KAIM Kayak Island, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like PPLA Purkepile, OHAK Old Harbor, BPAW Bear Paw Mtn., etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like MDPB Devils Postpil, DUG Dugway Tooele, R11A Troy Canyon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, PPT Paapeete, ASAR Alice Springs, etc.

0.3nm, 0.5s, baz=8.1, slow=3.2, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 18 23:10:13.6, 15.0, 39.39N, etc.

DNK 18 23:51:07.8, 2.7, 69.43N, 53.13W, h12km, 23km, ML3.2

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

IS 18 23:51:05.0, 0.8, 69.45N, 53.25W, 0.06, h10km, n22, c282/35, Western Kalaallit Nunaat

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILULI Ilulissat, NUUG Nuugaatsiaq, etc.

IDC 19 00:05:53.6, 1.1, 43.54N, 105.31W, h0km, mb1 3.4/5, mb1mx3.2/52, mbtmp3.1/5, ML3.2/5, Error ellipse: s-maj=21.6km s-min=8.9km az=151.0

NEIC 19 00:05:54.8, 1.8, 43.71N, 105.04:105.21W, 0.07, h0km, 2km, ML3.1/44, Error ellipse: s-maj=9.3km s-min=5.7km az=285.0

ISC 19 00:05:53.9, 0.9, 43.68N, 105.29W, 0.05, h0km, n32, c1948/31, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, K22A Casper, etc.

TAP 19 00:20:46.7, 22.84N, 120.92E, h8km, 1km, ML1.4, 1C, C,

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

OTT 18 23:58:59.2, 0.5, 50.94N, 50.97W, h18km, ML4.1/5, Offshore Newfoundland, 271km northeast from Musgrave Harbour, NE Eastern Background Seismic Zone, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJNN Saint John's, SJNN Saint John's, etc.

IDC 19 00:00:50.6, 2.0, 5.10N, 126.93E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/51, mbtmp3.5/4, Error ellipse: s-maj=112.2km s-min=24.9km az=69.0

ISC 19 00:00:54.3, 2.2, 4.9N, 0.3:3.127:1E, 0.3, h10km, n7, c0538/9, mb3.5/4, 1C, Talaud Islands

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YULB Yu-li, EHY Hungye, CHNS Tsauling, HGSD Ruisui, VVDT VVDT, VVWT VVWT, SSSL Suanglung.

TAP 19 00:20:54.1, 22.84N; 120.91E, h0km, ML1.4, C, Taiwan

Main table of station data for TAP 19 00:20:54.1, 22.84N; 120.91E, h0km, ML1.4, C, Taiwan. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

IDC 19 00:27:48.1, 3.0, 55.95N; 156.86W, h0km, mb3.0/2, mb1.3/2.4, mb1mx3.1/37, mbtmp3.1/4, ML3.0/2, Error ellipse: s-maj=56.0km s-min=27.0km az=149.0

AEIC 19 00:27:53.1, 4.5, 56.30N; 0.05, 156.56W; 0.07, h3km; 10km, ML3.2, ML3.3/16(NEIC), Error ellipse: s-maj=7.9km s-min=5.4km az=165.0

NEIC 19 00:27:54.1, 5.5, 56.25N; 0.06, 156.54W; 0.08, h4km; 29km, Error ellipse: s-maj=9.7km s-min=5.7km az=162.0

ISC 19 00:27:55.1, 2.56, 30N; 0.08, 156.69W; 0.05, h64km, n43, c221/47, Alaska Peninsula

Table of station data for IDC, AEIC, NEIC, and ISC events. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table of station data for UNV Unalaska Valle, SKT Skwentna, TTA Talatina, KNK Knik Glacier, HIN Hinchinbrook I, GHI Glory Hole Cre, SPIA Saint Paul Isl, KLU Klutina, TRF Thorofare Moun, RND Reindeer, BALM Baldy, ANM Nome, IL31 Eielson Array, ILAR Eielson Array, ILAR Indian Mountain, PRP Porcupine Dome, TNA Tinian, YKA Yellowknife Ar, SONM Songoing Array.

BER 19 00:38:27.9, 1.9, 67.89N; 20.02E, h0km, MLO.9, Suspected explosion

UPP 19 00:39:25.0, 4.0, 67.82N; 20.19E, h0km, ML2.7, Explosion, Sweden

Table of station data for BER and UPP events. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

HEL 19 00:39:05.9, 67.87N; 20.06E, h0km, ML1.9, Explosion

UPP 19 00:39:06.7, 0.1, 67.86N; 20.19E, h0km, ML2.6, Explosion, Sweden

Main table of station data for HEL and UPP events. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

ECX 19 00:40:11.5, 0.6, 31.50N; 115.66W, h9km, 4km, MD2.0, ML2.3

MEX 19 00:40:12.2, 0.3, 31.41N; 115.78W, h3km, 10km, MD3.5

ISC 19 00:40:09.1, 1.1, 31.55S; 0.03, 115.65W; 0.04, h9km; 14km, n12, c061/21, IC-2D, Baja California

Table of station data for ECX, MEX, and ISC events. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

IDC 19 00:42:26.1, 1.1, 56.49S; 26.18W, h0km, mb3.9/2, mb1.4/0.2, mb1mx3.7/21, mbtmp3.9/2, MS3.5/2, Ms1.3/5.2, ms1mx3.1/16, Error ellipse: s-maj=77.7km s-min=35.7km az=97.0

NEIC 19 00:42:31.3, 1.2, 56.7S; 0.1, 25.8W; 0.3, h35km; 2km, mb4.5/15, Error ellipse: s-maj=29.3km s-min=17.7km az=52.0

ISC 19 00:42:30.4, 0.7, 56.6S; 0.1, 25.7W; 0.2, h29km, n33, c069/29, mb4.6/9, South Sandwich Islands region

Table of station data for IDC, NEIC, and ISC events. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table of station data for SNAA Snaae, SNAA Palmer Station, BELA Belgrano 20, GSPA South Pole Qui, CPUP Villa Florida, AC02 Maricunga, GO02 Mina Guanaco, VVND Vanda, VVND Vanda, VVND Vanda, LVC Limon Verde, LVC LVC, PB06 IROC Station P, PB09 IROC Station P, PB01 IROC Station P, H10S2 ASCENSION HYDR4.34, H10S3 ASCENSION HYDR4.34, PB08 IROC Station P, PB08 IROC Station P, PGSCX Pisagua, MNMC Minye Minye, MNMC Minye, PB16 IROC Station P, DBIC Dimbokro, TORD Torodir, YKA Yellowknife Ar, INK Inuvik, INK Inuvik, BCAR Beaver Creek A, SONM Songoing Array, SONM Songoing Array, ILAR Eielson Array.

IDC 19 00:56:33.7, 0.8, 46.44N; 153.85E, h0km, mb4.0/17, mb1.4/2.23, mb1mx4.0/47, mbtmp4.0/23, ML3.3/6, MS3.1/4, Ms1.3/1.4, ms1mx2.7/39, Error ellipse: s-maj=20.5km s-min=13.8km az=149.0

NEIC 19 00:56:35.6, 1.7, 46.4N; 0.1, 153.9E; 0.1, h10km, 1km, mb4.4/44, Error ellipse: s-maj=21.1km s-min=12.8km az=137.0

MOS 19 00:56:36.5, 1.0, 46.44N; 153.77E, h31km, mb4.6/23, Error ellipse: s-maj=8.1km s-min=6.2km az=70.2

JMA 19 00:56:36.1, 0.8, 46.67N; 153.73E, h30km, M4.5

SKHL 19 00:56:37.6, 0.4, 46.60N; 153.80E, h37km; 5km, mb5.1/8

ISC 19 00:57:37.0, 0.6, 46.63N; 0.08, 153.83E; 0.07, h25km, n192, c156/193, mb4.4/54, 3C-9D, Kuril Islands

Table of station data for IDC, NEIC, MOS, JMA, SKHL, and ISC events. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

IDC 19 00:56:33.7, 0.8, 46.44N; 153.85E, h0km, mb4.0/17, mb1.4/2.23, mb1mx4.0/47, mbtmp4.0/23, ML3.3/6, MS3.1/4, Ms1.3/1.4, ms1mx2.7/39, Error ellipse: s-maj=20.5km s-min=13.8km az=149.0

NEIC 19 00:56:35.6, 1.7, 46.4N; 0.1, 153.9E; 0.1, h10km, 1km, mb4.4/44, Error ellipse: s-maj=21.1km s-min=12.8km az=137.0

MOS 19 00:56:36.5, 1.0, 46.44N; 153.77E, h31km, mb4.6/23, Error ellipse: s-maj=8.1km s-min=6.2km az=70.2

JMA 19 00:56:36.1, 0.8, 46.67N; 153.73E, h30km, M4.5

SKHL 19 00:56:37.6, 0.4, 46.60N; 153.80E, h37km; 5km, mb5.1/8

ISC 19 00:57:37.0, 0.6, 46.63N; 0.08, 153.83E; 0.07, h25km, n192, c156/193, mb4.4/54, 3C-9D, Kuril Islands

Main table of station data for IDC, NEIC, MOS, JMA, SKHL, and ISC events. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

19d 1h

Table with columns: YSS, Yuzh-Sakhalins, 7.63 278, ePn, P, Pn, 00 58 39.4 -9.5, 00 58 27.3 +0.4, 00 58 27.7

2015 FEB

Table with columns: MKAR, Makanchi Array, 47.53 298, P, P, 01 05 09.8 -0.5, 01 06 40.3 +0.2, 01 05 09.6 -0.7, 01 05 10.8 -1.0

894

Table with columns: H03N1, Juan Fernandez, 138.27 91, T, T, 03 51 10.3, H03N3, Juan Fernandez, 138.27 91, T, T, 03 51 11.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BORG, IKRO, ISOL, IHEI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FRB, OSTC, KASPERSKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ECX, MEX, ISC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDC, NOU, ISC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FITZ, SOMM, ILAR, etc.

NEIC 19 01:45:02.0, 2.0, 8.36, 92N, 0.05, 144, 6E, 0.2, h25km, 8km, mb4, 3/4, Error ellipse: s-maj=19.0km s-min=1.3km

IDC 19 01:45:06.8, 0.8, 39, 27N, 143, 38E, h0km, mb3, 8/15, mb1 3, 9/17, mb1 mx3, 9/47, mbtmp3, 8/17, ML3, 3/2, MS3, 2/7, MS1 3, 2/7, ms1 mx2, 8/47, Error ellipse: s-maj=20.0km s-min=19.1km az=167.0

JMA 19 01:45:09.2, 0.2, 39, 43N, 143, 51E, h33km, M4.0 NIED 19 01:45:09.3, 39, 43N, 143, 51E, h33km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10, 10^5 Nm

Mn: 0.3; Mm: -0.09; Mw: 0.74; Mw: 0.32; Mw: -0.45; Mw: 0.53; Fault plane solution: Mw: 1.090000, 1015 NP, 1.9, 29, 000000, 862, 000000, 1, 93, 000000. NP2: 204, 000000, 328, 000000, 1, 85, 000000

ISC 19 01:45:07.8, 3.4, 39, 39N, 0.05, 143, 44E, 0.07, h6km, 21km, n77, r136/76, mb4, 1/25, 1C-1D, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MIYJ, JETJ, JETW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JAGI, ARU, ABKAR, etc.

IDC 19 01:58:11.3, 1.0, 2, 72N, 141, 42E, h90km, 12km, mb3, 2/5, mb1 3, 4/7, mb1 mx3, 2/31, mbtmp3, 5/7, MS3, 1/4, Ms1 3, 2/4, ms1 mx2, 8/26, Error ellipse: s-maj=28.7km s-min=16.4km az=76.0

ISC 19 01:58:11.6, 0.8, 27, 7N, 10, 141, 6E, 0.2, h100km, n11, r1925/10, mb30, 6/6, Bonin Islands region

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

IDC 19 02:23:48.4, 0.8, 31, 66N, 138, 45E, h382km, 11km, mb2, 8/7, mb1 2, 9/9, mb1 mx2, 8/33, mbtmp3, 5/9, Error ellipse: s-maj=9.1km s-min=14.8km az=73.0

JMA 19 02:23:50.0, 0.4, 31, 66N, 138, 69E, h372km, M3.5 ISC 19 02:23:48.0, 0.3, 31, 66N, 138, 69E, 0.1, h388km, n22, r249/26, mb3, 0/7, Southeast of Honshu

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

MOS 19 02:32:30.4, 0.0, 43, 14N, 46, 31E, h6km, MPVA3.6 NORS 19 02:32:30.5, 0.0, 43, 09N, 46, 35E, h13km, MPVA2.7 TIF 19 02:32:30.7, 43, 18N, 46, 29E, h13km, 1km DRS 19 02:32:31.0, 0.0, 43, 05N, 46, 21E, h12km, ML2, 2/10

ISC 19 02:32:32.0, 1.1, 43, 21N, 0.04, 46, 37E, 0.02, h2km, 8km, n3, r112/66, 11C-BD, Eastern Caucasus

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

M=1.2,71,ms1mx2.2/20,Error ellipse: s-maj=12.3km s-min=9.0km az=132.0

ISC 19 04:35:40.5-1.2,38.37N,0.02x11.224W,0.02,hkml=10km,

n110,0.19/06/106,Utah

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MVU, MSU, TCRU, etc.

Table with columns: SHPR, Sheep Range, Mesa Verde, etc. Lists stations like MVCO, MVCO, MVCO, etc.

TAP 19 04:49:55.4,22.73N,120.87E,h9km,ML2.2,B,Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ECL, TSMG, TSMG, etc.

Table with columns: STYH, EDH, EDH, ELDTW, CHN1, CHN1, WTP, WTP, CHN3, TPUB, TPUB, FULB, FULB, TWK, TWK, CHN4, CHN4, TWF1, TWF1, YULB, YULB, ALS, ALS, EHY, EHY, CHN5, CHN5, WVDW, WVDW, TYC, TYC. Lists stations like STYH, EDH, EDH, etc.

TAP 19 04:50:01.3,22.73N,120.87E,h9km,ML2.2,B,Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ECL, TSMG, TSMG, etc.

H04A	Detroit Lake	6.53 132	Pn	Pn	05 21 12.9 +1.2
I03D	Drain, OR	6.60 143	P	Pn	05 21 16.4 +1.1
J01E	Myrtle Point	6.85 149	P	Pn	05 21 19.8 +1.1
I04A	Tendick Farm,	6.91 138	P	Pn	05 21 21.2 +1.6
D08A	Wollman Farm,	6.92 104	Pn	Pn	05 21 21.0 +1.3
KEBM	Edson Butte	6.98 152	Pn	Pn	05 21 21.8 +1.2
C09A	Christman Ranch	7.13 97	Pn	Pn	05 21 23.2 +0.9
MNB	Mounoet Dainar	7.28 61	Pn	Pn	05 21 27.5 +2.6
K02D	Willamette Mer	7.35 149	Pn	Pn	05 21 27.7 +1.9
PINE	Pine Mountain	7.60 132	Pn	Pn	05 21 32.0 +2.8
KBO	Hull Mountain	7.68 146	Pn	Pn	05 21 31.7 +1.5
HUMO	Hull Mountain	7.71 152	Pn	Pn	05 21 33.0 +2.4
G08A	Pilot Rock	7.71 116	Pn	Pn	05 21 32.9 +1.6
NEW	Newport	7.76 92	Pn	Pn	05 24 40.4
NEW	Newport	7.76 92	P	Pn	05 21 32.0 +0.7
NEW	Newport	7.76 92	P	Pn	05 21 32.6 +1.3
L02E	Cave Junction	7.86 151	P	Pn	05 21 34.5 +1.9
L04D	Klamath Falls	8.26 144	P	Pn	05 21 39.8 +1.6
KRMB	Red Mountain	8.34 154	Pn	Pn	05 21 40.9 +1.6
F10A	Beach Ranch, E	8.42 108	Pn	Pn	05 21 41.3 +0.8
YBH	Yreka Blue Hor	8.54 148	Pn	Pn	05 21 45.0 +3.0
YBH	Yreka Blue Hor	8.54 148	Pn	Pn	05 24 41.0
YBH	Yreka Blue Hor	8.54 148	Pn	Pn	05 21 45.4 +3.4
M02C	Callahan	8.79 149	P	Pn	05 21 47.7 +2.2
M04C	Macdoel	8.81 144	P	Pn	05 21 48.1 +2.2
BMO	Blue Mountains	8.93 114	Pn	Pn	05 21 48.3 +0.9
KHMM	Horse Mountain	8.99 155	Pn	Pn	05 21 49.2 +0.9
NBCS	NorthernBC 5	9.16 21	Pn	Pn	05 21 53.1 +2.6
N02D	Trinity Center	9.21 150	P	Pn	05 21 53.6 +2.3
MOD	Modoc Plateau	9.35 137	Pn	Pn	05 21 56.1 +2.9
DLBC	Dease Lake	9.36 356	Pn	Pn	05 21 56.5 +3.3
WDC	Whiskeytown Da	9.62 150	Pn	Pn	05 21 58.7 +1.9
JTMT	Jette	9.73 93	Pn	Pn	05 21 59.1 +1.9
WVOR	Wild Horse Val	9.74 130	Pn	Pn	05 22 01.9 +3.4
WALA	Waterton Lakes	9.75 85	Pn	Pn	05 21 59.0 +0.3
O02D	Mt. Diablo Mer	9.91 152	P	Pn	05 22 02.8 +2.0
M03E	Paynes Creek	10.13 148	P	Pn	05 22 05.8 +2.0
005A	Missoula	10.21 97	P	Pn	05 22 06.0 +1.1
FNBB	Fort Nelson	10.35 17	Pn	Pn	05 22 09.1 +2.5
ORV	Oroville	10.89 149	Pn	Pn	05 22 11.9 +1.3
BEKR	Beckworth	11.03 144	Pn	Pn	05 22 18.3 +2.0
HLID	Hailey	11.37 114	P	Pn	05 22 22.3 +1.4
LRM	Limekiln Ridge	11.53 101	Pn	Pn	05 22 21.8 -1.3
BAHR	Pat Fah Ranch	11.56 141	Pn	Pn	05 22 23.9 +2.4
AFDM	Forest Hills D	11.62 148	Pn	Pn	05 22 26.0 +1.9
VCNR	Virginia City	11.80 143	Pn	Pn	05 22 28.8 +2.0
BOZ	Bozeman (W)	12.15 100	P	Pn	05 22 31.6 +0.1
EGMT	Eagleton	12.64 88	P	Pn	05 22 39.3 +1.1
NVAR	Mina Array Bea	13.09 141	Pn	Pn	05 22 47.3 +3.1
NVAR	Mina Array Bea	13.09 141	Pn	Pn	05 27 47.1
NV11	Mina Array Sit	13.14 140	Pn	Pn	05 22 46.8 +1.6
LHV	Little Huntton	13.15 142	Pn	Pn	05 22 46.9 +1.8
MDPB	Devils Postpil	13.47 148	Pn	Pn	05 22 51.2 +1.6
TPH	Topnah	13.84 139	Pn	Pn	05 22 56.8 +2.7
STUT	South Toronto	13.89 118	Pn	Pn	05 23 07.0 +2.0
Q23K	Middleton Isla	14.50 322	P	Pn	05 23 03.3 0.0
GRAC	Grapevine Rang	14.69 141	P	Pn	05 23 08.2 +2.0
BW06	Boulder Array	14.79 108	P	Pn	05 23 07.9 +0.3
PD31	Pinedale Array	14.79 108	Pn	Pn	05 23 08.4 +0.8
PDAR	Pinedale Array	14.79 108	Pn	Pn	05 23 11.3 -2.5
PDAR	Pinedale Array	14.79 108	Pn	Pn	05 23 07.3 -0.3
CWC	Cottonwood Cre	14.89 144	P	Pn	05 23 10.5 +1.5
NLU	North Lily Min	15.00 121	Pn	Pn	05 23 12.1 +1.6
TPNV	Topopah Spring	15.21 139	Pn	Iamb	05 23 15.0 -3.4
TPNV	Topopah Spring	15.21 139	Pn	Iamb	05 23 22.4
LAO	LASA Array	15.31 91	P	Pn	05 23 15.3 +0.9
N25K	Chitina, Valde	15.34 330	P	Pn	05 23 15.6 +0.8
FURC	Furnace Creek	15.35 141	P	Pn	05 23 16.6 -3.3
ISA	Isabella, Lake	15.44 147	P	Pn	05 23 17.5 +1.3
MPMC	Manual Prospec	15.46 143	P	Pn	05 23 17.8 +1.2
YKA	Yellowknife Ar	15.53 25	Pn	Pn	05 23 16.0 -1.1
LRMC	Beaver Creek A	15.69 338	Pn	Pn	05 23 20.1 +0.8
BCAR	Laurel Min Rad	15.89 145	P	Pn	05 23 23.6 -2.4
SHOC	Shoshone, Tec	16.09 141	P	Pn	05 23 26.1 -1.9
SZCU	Shurtz Canyon	16.18 130	P	Pn	05 23 27.3 -2.0
DGMT	Dagmar	16.19 83	P	Pn	05 23 26.1 +0.2
DGMT	Dagmar	16.19 83	Pn	Iamb	05 23 26.4 -2.8
DGMT	Dagmar	16.19 83	Pn	Iamb	05 23 26.4
EDW2	Edwards Air Fo	16.31 147	P	P	05 23 29.0 -1.6
GSC	Goldstone, Bar	16.39 143	P	Pn	05 23 30.3 -1.1
GSC	Goldstone, Bar	16.39 143	Pn	Pn	05 23 26.7 -1.8
SRU	San Rafael Swe	16.45 121	Iamb	Iamb	05 23 31.1 -1.1
LCMT	Little Creek M	16.55 131	P	P	05 23 32.5 -0.9
K22A	Casper	16.76 104	P	P	05 23 33.7 -1.9
K22A	Casper	16.76 104	P	P	05 23 33.4 -2.2
K22A	Casper	16.76 104	P	Iamb	05 23 33.2
DOT	Dot Lake	16.76 336	Pn	P	05 23 33.7 -1.6
HOM	Homer	16.89 317	Pn	P	05 23 36.0 -0.7
SCRK	Sand Creek	17.00 337	P	P	05 23 37.5 -0.6
O20A	White River Ci	17.11 114	P	P	05 23 39.6 0.0
GMRC	Granite Mounta	17.30 141	P	P	05 23 42.0 +0.4
FFC	Flin Flon	17.39 61	Pn	P	05 23 40.3 -2.0
U15A	North Rim	17.49 130	P	P	05 23 44.4 +0.6
EPYK	Eagle Plains	17.77 349	P	P	05 23 46.4 -0.2
W13A	Hualapai Mount	17.80 136	P	P	05 23 47.2 -0.1
PV14	Lion Creek, Pa	17.81 120	Iamb	Iamb	05 23 48.2 +0.8
PV22	Blue Mesa, Pa	17.84 119	P	Iamb	05 23 47.5 -0.1
PV22	Blue Mesa, Pa	17.84 119	P	Iamb	05 24 01.6
PV04	Paradox Valley	17.86 119	P	Iamb	05 23 49.0 +1.1
PV04	Paradox Valley	17.86 119	P	Iamb	05 23 55.7
PV20	West Nyswonger	17.86 120	P	Iamb	05 23 47.7 -0.2
PV20	West Nyswonger	17.86 120	P	Iamb	05 23 55.6
PV17	East Wray Mesa	17.91 120	P	Iamb	05 23 48.9 +0.5
PV17	East Wray Mesa	17.91 120	P	Iamb	05 23 55.5
PV16	Nyswonger Mesa	17.91 120	P	Iamb	05 23 49.5 +1.0
PV16	Nyswonger Mesa	17.91 120	P	Iamb	05 23 55.6

PFO	Pinyon Flats O	18.01 145	LR	LR	05 29 35.4
N23A	Red Feather La	18.07 109	P	P	05 23 50.7 +0.5
HDA	Harding Lake	18.15 334	P	P	05 23 51.2 +0.5
MCK	McKinley	18.26 331	P	P	05 23 52.1 +0.2
BC3	Big Chuckwall	18.36 142	P	P	05 23 54.4 +1.1
ILAR	Eielson Array	18.41 335	P	P	05 23 53.6 +0.2
ILAR	Eielson Array	18.41 335	P	LR	05 29 48.8
WUAZ	Wupatki	18.66 130	P	P	05 23 57.8 +0.9
NEA2	Nenana	18.91 333	P	Pn	05 23 59.4 -0.2
ISCO	Idaho Springs	18.92 111	P	Pn	05 23 59.4 -0.7
MVCO	Mesa Verde	18.92 121	P	Pn	05 24 01.4 +1.3
IKP	In-Ko-Pah, Jac	19.00 145	P	Pn	05 24 03.0 +2.0
MDND	Maddock	19.33 83	P	Pn	05 24 05.4 +0.7
MDND	Maddock	19.33 83	P	Pn	05 24 04.3 -0.5
INK	Inuvik	19.38 355	P	Pn	05 24 04.2 -0.9
I23K	Minto, Yukon-K	19.40 333	P	Pn	05 24 04.8 -0.6
S22A	4UR Ranch, Cre	19.50 117	P	Pn	05 24 07.2 0.0
MLY	Manley	19.73 332	P	Pn	05 24 08.2 -1.2
SDCO	Great Sand Dun	20.29 115	P	Pn	05 24 15.8 -0.7
OGNE	Ogallala	20.51 103	P	Pn	05 24 18.5 -0.3
SUSD	Sussex	20.87 92	P	Pn	05 24 21.9 -1.1
COLD	Coldfoot	21.16 337	P	Pn	05 24 24.3 +0.8
ULM	Lac du Bonnet	21.22 74	P	P	05 24 25.4 +1.2
ULM	Lac du Bonnet	21.22 74	P	LR	05 33 06.1
ULM	Lac du Bonnet	21.22 74	P	P	05 24 23.7 -0.6
KSC	Keye Shedlock	21.24 109	P	P	05 24 25.6 +1.0
TUCO	Tucson	21.55 135	P	P	05 24 29.0 +1.0
AGMN	Agassiz Nation	21.64 80	P	Iamb	05 24 29.1 +0.3
AGMN	Agassiz Nation	21.64 80	P	Iamb	05 24 31.5
ANMO	Albuquerque	21.70 122	P	P	05 24 31.4 +1.7
ANMO	Albuquerque	21.70 122	P	LR	05 32 16.6
ANMO	Albuquerque	21.70 122	P	P	05 24 30.2 +0.5
TOLK	Toolk Lake Re	22.10 340	P	P	05 24 34.2 +0.6
FCC	Fort Churchill	22.33 51	P	P	05 24 37.4 +1.4
ECSD	EROS Data Cent	22.70 92	P	P	05 24 40.7 +0.5
ECSD	EROS Data Cent	22.70 92	P	Iamb	05 24 39.2 -1.0
ECSD	EROS Data Cent	22.70 92	P	Iamb	05 24 46.6
121A	Cookes Peak, D	22.84 129	P	P	05 24 42.5 +0.6
B35A	Bob, Littlefor	23.00 79	P	P	05 24 44.2 +0.9
EYMN	Ely	24.55 78	P	P	05 24 59.0 +0.6
EYMN	Ely	24.55 78	P	P	05 25 08.0 -0.3
MNTX	Cornudas Mount	24.75 126	P	P	05 24 52.0 +1.8
GD2L	Guadalupe Moun	24.91 124	P	P	05 25 02.5 +0.7
TXAR	Lajas Array	25.12 127	P	P	05 25 26.8 +1.5
TXAR	Lajas Array	25.12 127	P	LR	05 25 26.5 +1.1
LPFG	La Paz	25.89 143	LR	LR	05 37 42.2
RES	Resolute Bay	29.33 18	P	P	05 25 42.0 +1.2
MIAR	Mout Ida	29.69 106	P	P	05 25 45.3 +0.8
ACSO	Alum Creek Sta	33.31 88	P	P	05 26 16.9 +0.5
LSQQ	Lebel-sur-Quev	33.37 70	P	P	05 26 17.1 +0.4
ALGO	Algonquin Park	33.78 76	P	P	05 26 21.5 +0.4
G54A	Lake Saint Pet	34.07 77	P	P	05 26 22.8 -0.2
H53A	Bobaygeon	34.11 78	P	P	05 26 23.0 -0.2
P52A	Corning	34.18 88	P	P	05 26 23.8 0.0
M53A	W Miller and	34.21 84	P	P	05 26 24.5 +0.3
LRAL	Lakeview Retre	34.85 102	P	P	05 26 30.5 +0.7
FRB	Frisher Bay	34.87 42	LR	LR	05 40 55.6
J56A	Wolcott	35.81 79	P	P	05 26 37.5 -0.4
G57A	Newington	36.18 75	P	P	05 26 40.7 -0.3
H58A	Gabriels	37.00 76	P	P	05 26 48.1 -0.1
H59A	Cadyville	37.21 75	P	P	05 26 48.1 -1.8
J59A	Plesco	37.24 78	P	P	05 26 51.4 +1.2
F59A	Saint Guillaume	37.24 73	P	P	05 26 49.6 -0.5
R58B	Mineral	37.87 88	P	P	05 26 56.3 +0.8
D60A	Saint Jean D'O	37.95 71	P	P	05 26 56.1 0.0
K61A	Williamstown	38.41 78	P	P	05 27 00.2 +0.1
E61A	Lac Etchemin	38.43 71	P	P	05 27 00.3 +0.2
M61A	Granite Spring	38.77 80	P	P	05 27 02.9 -0.2
H62A	Milan	38.85 74	P	P	05 27 04.2 +0.5
NHSC	New Hope	39.24 96	P	P	05 27 07.6 +0.6
H65A	Gastbrook	40.62 72	P	P	05 27 18.3 -0.1
H11N2	WAKE ISLAND Hy	58.59 264	T	T	06 32 38.3
H11N3	WAKE ISLAND Hy	58.60 264	T	T	06 32 35.8
H11N1	WAKE ISLAND Hy	58.61 264	T	T	06 32 35.8
NOA	NORSAR Array B	65.55 20	LR	LR	05 59 12.3
ZALV	Zalesovo Beam	73.46 340	LR	LR	06 08 45.5
HHC	Hu-ho-hao-te	75.84 317	eP	pmx	05 31 26.3 +1.3
HHC	Hu-ho-hao-te	75.84 317	eP	pmx	05 31 50.7 -1.2
MKAR	Makanchi Array	80.72 339	P	P	05 32 01.6 +2.4
WMQ	Mineral	80.72 334	eP	SS	05 32 32.4 -1.7
KSH	Kashi	89.06 341	SS	SS	05 49 18.4 +3.7
KSH	Kashi	89.06 341	SS	SS	05 49 18.4 +3.7
KSH	Kashi	89.06 341	SS	SS	05 49 18.4 +3.7
KSH	Kashi	89.06 341	SS	SS	05 49 18.4 +3.7

NEIC	19 05:35:18.5:1.4, 28:76N:0:04:51:82E:0:07:h10km, 1km, Error ellipse: s-maj=10.8km s-min=8.8km az=267.0
TEH	19 05:35:18.0:0.28:

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ABKAR, PETK, BKZ, SEY, VNSA, AKASG, FINES, YVHS, ARCES, NVAR, TXAR, and TXAR.

SOME 19 06:45:05.6, 40.65°N, 77.68°E, h20km
NNC 19 06:45:07.9, 40.40°N, 77.78°E, h0km, mb4.3, mpv4.0,
Error ellipse: s-maj=5.3km s-min=3.8km az=174.0,
KRNET 19 06:45:09.3, 40.1, 40.85°N, 77.76°E, h17km, mb3.6
ISC 19 06:45:11.8, 40.97°N, 0.0777780E, 0.03, h2km, 12km,
n76, c1536/115, 33C-19D, Kyrgyzstan-Xinjiang border
region

Main table for 19d 8h section, listing station codes (e.g., KDJ, PRZ, ULHL, ANVS, BOOM, SATY, TNS5, IZV, MDOK, AML, USP, EKS2, DJR, MRKS, TDK, SHLS, KURS, TKM2, KPKS, PDGK) and their corresponding parameters.

Main table for 2015 FEB section, listing station codes (e.g., PDGK, KBK, DGS, ARLS, UCH, KTBS, CHHK, CHMK, AAK, CHMS, KUU, KTM5, MNBS, ARXS, AML, USP, EKS2, DJR, MRKS, TDK, SHLS, KURS, TKM2, KPKS, PDGK) and their corresponding parameters.

Main table for 902 section, listing station codes (e.g., URZ, ASAR, WRA, AKASG, NNC, KUR07, KUR06, KUR14, KUR15, KUR16, KUR17, KUR18, KUR19, KUR20, KUR21, KUR22, KUR23, KUR24, KUR25, KUR26, KUR27, KUR28, KUR29, KUR30, KUR31, KUR32, KUR33, KUR34, KUR35, KUR36, KUR37, KUR38, KUR39, KUR40, KUR41, KUR42, KUR43, KUR44, KUR45, KUR46, KUR47, KUR48, KUR49, KUR50, KUR51, KUR52, KUR53, KUR54, KUR55, KUR56, KUR57, KUR58, KUR59, KUR60, KUR61, KUR62, KUR63, KUR64, KUR65, KUR66, KUR67, KUR68, KUR69, KUR70, KUR71, KUR72, KUR73, KUR74, KUR75, KUR76, KUR77, KUR78, KUR79, KUR80, KUR81, KUR82, KUR83, KUR84, KUR85, KUR86, KUR87, KUR88, KUR89, KUR90, KUR91, KUR92, KUR93, KUR94, KUR95, KUR96, KUR97, KUR98, KUR99, KUR00) and their corresponding parameters.

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

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

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

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

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

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

Code Station Name Az Phase ID Time Res. Includes WRA, Warramunga Arr, 19.49 131 P Pn 08 43 31.0 +0.4

19d 9h

Table with columns: WHYT, YUS, YUS, FULB, FULB, LIOB, LIOB, NSTT, NSTT, NJD, NJD, TIBP, TIBP, WJS, WJS, CHKT, TWQ1, TWQ1, WWF, WWF, NHDH, NHDH, TWA, TWA, TATO, TATO, WNT, WNT, WNT1, WNT1, NSY, NSY, TCU, TCU, ALS, ALS, TWB1, TWB1, HSN1, HSN1, NMLH, NMLH, NWF, NWF, WFSB, WFSB, ELDTW, ELDTW, CHNS, CHNS, NTY, NTY, WDJ, WDJ, NCU, NCU, EDH, WCHH, WCHH, WCHH, TWS1, TWS1, WGK, WGK, YMO1, YMO1, WDLH, WDLH, WDLH, YOJ, YOJ, STYT, STYT, TPUB, TPUB, TPUB, CHN4, CHN4, WTP, WTP, TWGBT, TWGBT, TWK, TWK, TWK, CHN1, CHN1, SGST, SGST, MASBT, MASBT

2015 FEB

Table with columns: MASBT, IRIF, HATJ, HATJ, SCZT, SCZT, JKRS, JKRS, PHUB, PHUB, PHUB, PHUB, JJJ, JJJ, YWUC, YWUC, YWUC, YWUC, PTTC, PTTC, PTTC, PTTC, JISG, JISG, PTMZ, PTMZ, MATB, MATB, MATB, MATB, JTT, JTT, KNMB, KNMB, KNMB, KNMB, LYJJ, LYJJ, LYJJ, LYJJ, MHZO, MHZO, MHZO, MHZO, XPSS, XPSS, XPSS, XPSS, AXDP, AXDP, AXDP, AXDP, NDI 19 09:18:15.6:3.9, 26:74N:96:93E, h15km, 71km, ML3.7, mb4.0(NEIC), NEIC 19 09:18:19.6:1.8, 26:6N:0:1:96:7E:0:1, h57km, 11km, mb4.0/1.1, Error ellipse: s-maj=20.7km s-min=11.4km az=57.0, IDC 19 09:18:19.2:3.5, 26:67N:96:97E, h52km, 33km, mb3.8/16, mb1.3/9/17, mb1mx3.7/40, mbtmp4.0/17, ML4.0/1, MS3.1/5, Ms1.3/1.5, ms1mx2.8/56, Error ellipse: s-maj=25.9km s-min=13.0km az=53.0, ISC 19 09:18:14.6:0.6, 26:55N:0:05:96:87E:0:05, h15km, n68, r144/85, mb4.1/26, MS3.1/4, Myanmar, Code Station Name A' AZ' Op Phase ID Time Res h m s ISC

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Table with columns: SATY, SATY, KPKS, KPKS, SONM, SONM, SONM, SONM, ZSN, ZSN, TNSS, TNSS, MDOK, MDOK, AAA, AAA, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, TDK, TDK, KUU, KUU, AAK, AAK, AAK, AAK, PALK, PALK, TLY, TLY, BTLS, BTLS, SEM, SEM, KURBB, KURBB, KURK, KURK, JOW, JOW, ZALV, ZALV, BRZS, BRZS, BRVK, BRVK, BRVK, BRVK, ABKAR, ABKAR, ABKAR, ABKAR, MJAR, MJAR, BELG, BELG, KBZ, KBZ, BRTR, BRTR, AKAS, AKAS, FINES, FINES, ARCES, ARCES, ARCES, ARCES, WRA, WRA, WRA, WRA, ASAR, ASAR, NOA, NOA, GERES, GERES, YKA, YKA, YRD, YRD, TXAR, TXAR, NNC 19 09:25:33.2:0.6, 51:22N:75:04E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=14.4km s-min=3.9km az=30.0, Suspected Mining explosion, IDC 19 09:25:38.8:3.7, 51:55N:75:83E, h0km, mb1.3/0.2, mb1mx2.8/45, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=29.6km s-min=24.5km az=94.0, ISC 19 09:25:37.5:1.3, 51:55N:0:10:75:72E:0:09, h0km, n8, r150/8, 4C-2D, Eastern Kazakhstan, Code Station Name A' AZ' Op Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like GEYT, ALIBECK ARRAY, SABZEVAR, etc.

IDC 19 13:02:31.9,3.0,401.45:177.54W,h0km,mb3.7/3, mb1 4.0/5, mb1mx3.8/19, mbtmp3.9/5, ML3.6/2, Error ellipse: s-maj=64.1km s-min=23.5km az=104.0

ISC 19 13:02:32.0,2.4,30.445:0.08:177.2W,0.3,h24km,n7, r154/9,mb3.9/3,Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like RAO, URZ, RPZ, etc.

BUI 19 13:18:29.7,0.0,16:35S;169.15E,h5km,mb6.5/76, mb6.2/89,MS6.4/99,MS7.6/292

IDC 19 13:18:31.4,0.3,16:36S;168.26E,h0km,mb5.9/27, mb1 6.0/27, mb1mx6.0/27, mbtmp5.9/27, MS5.9/27, MS1.5/9/27, ms1mx5.8/31, Error ellipse: s-maj=12.6km s-min=10.1km az=93.0

NEIC 19 13:18:32.2,16:44S;168.12E,h21km,Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr2.00; Mw1.41; Mw3.40; Mo-0.20; Mw-1.34; Mw0.62; Fault plane solution: Ms3.320000*10^18 NP1:3225.300000*, 349.190000*, 1.136.680000*. NP2:3346.950000*, 858.720000*, 1.49.890000*. Principal axes: T 2.2826, Plg6.0000*, Azm202.000000*, Azm11.51198, Plg33.000000*, Azm11.000000*, P -3.8024, Plg5.000000*, Azm104.000000*

NEIC 19 13:18:32.2,16:43S;0.06:168.15E;0.06:h10km,1km, mb6.4/198,MS.20.6/234,Mwb6.3/40,Mwbc.4/42,Mwv6.4, Mwv6.4(GCMT) Error ellipse: s-maj=10.6km s-min=8.3km az=40.0

NOU 19 13:18:32.6,16:50S;168.28E,h5km,ML6.4,Vanuatu Islands

MOS 19 13:18:35.7,1.4,16:36S;168.10E,h37km,mb6.5/57, MS6.1/22, Error ellipse: s-maj=7.9km s-min=5.7km az=128.2

GCMT 19 13:18:39.0,0.16:41S;169.23E,h12km,MW6.4/173, Moment Tensor Solution. s173.c420; s173.c776; Duration: 38 Moment tensor: Scale 10^18Nm; Mr4.17; Mw4.11; Mw2.09; Mw3.40; Mo-0.20; Mw-1.34; Mw0.62; Fault plane solution: Ms5.240000*10^18 NP1:3225.300000*, 349.190000*, 1.136.680000*. NP2:3346.950000*, 858.720000*, 1.49.890000*. Principal axes: T 4.4690, Plg78.000000*, Azm317.000000*, N 0.8850, Plg5.000000*, Azm201.000000*, P -5.3570, Plg11.000000*, Azm110.000000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 19 13:18:41.16:35S;168.24E,h12km,Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr4.17; Mw4.03; Mw3.40; Mo-0.20; Mw-1.89; Mw1.92; Fault plane solution: Ms5.240000*10^18 NP1:3225.300000*, 349.190000*, 1.136.680000*. NP2:3346.950000*, 858.720000*, 1.49.890000*. Principal axes: T 4.4690, Plg78.000000*, Azm317.000000*, N 0.8850, Plg5.000000*, Azm201.000000*, P -5.3570, Plg11.000000*, Azm110.000000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 19 13:18:43.16:30S;168.19E,h12km,Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr4.49; Mw0.90; Mw3.59; Mw1.04; Mw1.84; Mw0.38; Fault plane solution: Ms5.240000*10^18 NP1:3225.300000*, 349.190000*, 1.136.680000*. NP2:3346.950000*, 858.720000*, 1.49.890000*. Principal axes: T 4.4690, Plg78.000000*, Azm317.000000*, N 0.8850, Plg5.000000*, Azm201.000000*, P -5.3570, Plg11.000000*, Azm110.000000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 19 13:18:52.16:06S;168.20E,h10km,Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr4.35; Mw0.35; Mw4.70; Mw0.66; Mw2.03; Mw2.52; Fault plane solution: Ms5.240000*10^18 NP1:3225.300000*, 349.190000*, 1.136.680000*. NP2:3346.950000*, 858.720000*, 1.49.890000*. Principal axes: T 5.2918, Plg68.000000*, Azm230.000000*, N 0.5976, Plg18.000000*, Azm13.000000*, P -5.8994, Plg12.000000*, Azm107.000000*

ISC 19 13:18:53.1,0.5,16:44S;0.03:168.21E;0.03,h13km,2km, n1784, c191/1557,mb6.3/191,MS6.2/384,75C-58D, Vanuatu Islands

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

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like SANVU, SANVU, SANVU, etc.

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

19d 13h

Table with columns for station name, frequency, power, and signal strength. Includes stations like ARU, V53A, AC50, PIZC, K50A, 456A, PCON, N51A, Q52A, P52A, AKTO, AKTO, AKTO, R53A, 061Z, U54A, U54A, YOTO, O52A, GEYT, GEYT, GEYT, G53A, G53A, G53A, KMSC, J5C, P53A, M52A, 257A, V55A, SOHO, O53A, 061A, I501A, R54A, N53A, MDH, Q54A, UO5S, UO5S, HATD, M53A, M53A, DBBC, MSFE, KBS, KBS, KBS, KBS, KBS, ASHO, ORTC, BIRD, V56A, SHME, BLA, BLA, TOLC, U56A, U56A, ALNE, NHSC, RREF, SPAO, SPAO, SPAO, L53A, GUYZ, PRAC, ALLY, NAZ, FAQ, FAQ, ERPA, T56A, N54A, N54A, HOPEN, HOPEN, ASUD, V57A, V58A, M54A, MACC.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like MOTC, A5N, T57A, T57A, V58A, ROSC, S57A, H5PB, H5PB, H5PB, H5PB, H53A, Y59A, P56A, MATO, W5VY, PTBC, O56A, ALGO, G54A, U58A, SPBC, T58A, CHIC, Q57A, VLD0, M56A, Y60A, V59A, MMNY, LSQO, P57A, S58A, S58A, CPUP, CPUP, R55B, R55B, CNNC, L56A, L56A, O57A, KIRV, KIRV, KIRV, SMLC, T59A, ARGO, CBN, M57A, RUSC, J56A, V60A, L57A, SMRC, L58A, E55A, N58A, P57A, BJO1, BJO1, BJO1, DAG, DAG, DAG, T60A, NUUG, D55A, MVL, U61A, U61A, BINY, BINY, L58A, K58A, K58A, E56A, H57A, N59A, ETMB, D56A, G57A, P60A, P60A, WUPA, M59A, PSUB, O60A, O60A, I58A, L59A.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like L59A, K59A, LVZ, E57A, J59A, CNLB, G58A, H58A, M60A, L60A, APA, APA, APA, H59A, E58A, BELG, BELG, D58A, LATQ, ITAB, PAL, URIC, URIC, TMCR, TMCR, M61A, SIV, SIV, SIV, J60A, J60A, I60A, L61A, H6AMF, H6AMF, H6AMF, H6AMF, F59A, S5UMG, S5UMG, S5UMG, S5UMG, S5UMG, K61A, K61A, DBG, H60A, ARAO, ARCES, ARCES, SDV, SDV, SDV, YLE, SUR, M62A, J61A, F60A, L61B, L62A, H61A, QUAZ, E60A, E60A, KLMR, KLMR, KLMR, KLMR, KLMR, BOSA, BOSA, BOSA, BOSA, UCCU, D60A, M63A, F61A, KTK1, I62A, H62A, K63A, HRV, HRV, L63A, L63A, BRYW, SAML, D61A.

19d 13h

2015 FEB

916

Table with multiple columns containing names, codes, dates, and numerical values. Includes sections for 19d 13h, 2015 FEB, and 916. Rows list various entities and their associated data points.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MPMC Manual Prospec, BELC Belle Mtn. Jos, GSC Goldene, Bar, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PDAR Pinedale Array, KMI Grant Village, KMI Kunming, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CHNM Cheshme madani, CHNM Cheshme, TVBK TVBK, etc.

Table with columns: IDHR, Dehrash, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various stations.

1DC 19:14:32:39.7-0.5, 16:44'S:168:26'E, h0km, mb5.0/21, mb1.5/1.23, mb1mx5.1/26, mbtms0.0/23, MLS.4/3, MS4.5/7, Ms1.4/5.7, ms1mx4.0/37, Error ellipse: s-maj=16.1km s-min=13.6km az=88.0

BUI 19:14:32:39.8-0.0, 16:18'S:168:27'E, h5km, mb5.7/32, mb5.1/64, Ms5.3/26, Ms7.5/0/27

MOS 19:14:32:40.1-1.1, 16:42'S:168:10'E, h10km, mb5.5/36, Error ellipse: s-maj=9.0km s-min=7.2km az=129.0

NOU 19:14:32:40.3, 16:43'S:168:37'E, h0km, mb5.3, Vanuatu Islands

NEIC 19:14:32:41.6-2.4, 16:51'S:168:09'E, 0:07, h10km, 1km, mb5.4/113, Ms.20.5/4/16, Error ellipse: s-maj=13.0km s-min=7.6km az=60.0

ISC 19:14:32:45.2-0.3, 16:51'S:0:03:168:20'E, 0.05, h35km, n497, o146/490, mb5.3/131, MS4.9/23, 44C-32D, Flat plane solution: NP1:0:40.59789, 0:44.17297, lambda:82.48626, NP2:0:168.17131, 0:49.50101, lambda:142.04344, Principal axes: T P1g38.7275, Azm123.7877, N P1g7.4783, Azm219.8303, P P1g50.2818, Azm318.9217, Vanuatu Islands

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

Main table with columns: BKZ, Black Stump Fm, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various stations.

Main table with columns: MORW, Morawa, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various stations.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RSSD Black Hills, SEM Semipalatinsk, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ABTA Abfaltersbach, WTTA Wattenberg, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DNVY Bosilegrad, KPRO Kipouroi, and many others.

ATH 19:14:36:27.5, 41:70N:20:54E, h10km, 31km, ML2.6/5 Error ellipse: s-maj=31.6km s-min=1.8km az=0.0

SKO 19:14:36:28.6, 41:55N:20:53E, h10km, 31km, ML2.6/5 Error ellipse: s-maj=31.6km s-min=1.8km az=0.0

ISG 19:14:36:29.0, 41:49N:20:52E, h5km, 3km, ML2.3/8 Error ellipse: s-maj=5.2km s-min=0.2km az=0.0

ISG 19:14:36:29.0, 41:57N:20:52E, h10km, 10km, n58, e1918/97, 2C-10, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JYG Yagishiri, JRR Shosan, and many others.

JMA 19:14:53:11.7, 0.3, 44:70N:141:15E, h268km, 3km, M3.0 IDC 19:14:53:12.3, 0.7, 44:70N:141:10E, h252km, 6km, mb2.9/10, mb1.3/21, mb1mx3.1/37, mbtmp3.5/11, Error ellipse: s-maj=18.4km s-min=13.4km az=116.0

ISC 19:14:53:12.7, 0.7, 44:61N:0:06, 141:20E:0:08, h261km, n32, e1900/37, mb3.2/10, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JYG Yagishiri, JRR Shosan, and many others.

NEIC 19:15:10:44.9, 2.0, 37:93S:0:06, 180:0W:0:1, h10km, 1km, mb4.5/15, Error ellipse: s-maj=15.8km s-min=9.8km az=96.0

NOU 19:15:10:46.5, 37:83S:179:86W, h125km, ML4.5, East of North Island, NZ

IDC 19:15:10:46.1, 2.4, 37:50S:179:64E, h0km, mb4.2/3, mb1.4/3.5, mb1mx4.0/30, mbtmp4.2/5, ML4.1/2, Error ellipse: s-maj=70.9km s-min=27.6km az=146.0

WEL 19:15:10:50.9, 1.1, 38:58S:18:0E, h33km, M4.1/42, ML4.3/42, ML4.1/42, Error ellipse: s-maj=0.0km az=51.1

ISC 19:15:10:46.4, 1.8, 37:87S:0:05, 179:88E:0:07, h15km, 9km, n165, e211/179, mb4.6/9, East coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like WMGZ Waiomatatini S, MXZ Matakaoa Point, and many others.

MCHZ	McNeill Hill	2.94 237	P	Pn	15 11 35.8 +3.2
MYRZ	Mayor Island	2.95 280	Pn	Pn	15 11 34.0 +1.3
BKZ	Black Stump Fm	2.95 243	Pn	Pn	15 11 35.6 +2.8
BKZ	Black Stump Fm	2.95 243	Pn	Pn	15 12 10.2 +2.2
MYRZ	Wakapatahiru	3.00 226	P	Pn	15 11 35.7 +2.9
GRZ	Galatos Road	3.01 260	P	Pn	15 11 36.1 +2.5
KAHZ	Kahuranaki	3.03 230	P	Pn	15 11 36.8 +2.9
KMRZ	Kaimai	3.12 269	P	Pn	15 11 36.1 +1.1
KWHZ	Kaweka Forest	3.12 239	P	Pn	15 11 38.0 +2.9
HATZ	Hinemaiata	3.15 250	P	Pn	15 11 37.6 +2.2
WHZ	Whakarewa	3.17 254	P	Pn	15 11 42.3 +2.6
PXZ	Panenui	3.19 227	P	Pn	15 11 38.4 +2.3
KUTZ	Kaahu Road	3.25 258	P	Pn	15 11 38.9 +2.0
KRHZ	Kereru	3.26 236	P	Pn	15 11 39.7 +2.6
RITZ	Rihia Road	3.34 250	P	Pn	15 11 40.8 +2.6
WATZ	Waikarewa	3.37 252	P	Pn	15 11 40.7 +2.2
RATZ	Hangitukua	3.38 252	P	Pn	15 11 41.1 +2.5
BHHZ	Black Hill Sta	3.40 240	P	Pn	15 11 41.6 +2.7
TLZ	Tolley Road	3.46 261	P	Pn	15 11 41.4 +1.6
WPHZ	Waipukurua	3.46 230	P	Pn	15 11 42.2 +2.4
KATZ	Kakaramea	3.47 250	P	Pn	15 11 42.6 +2.6
PRHZ	Porangahau	3.48 226	P	Pn	15 11 43.3 +2.3
KUZ	Kuaotunu	3.50 287	P	Pn	15 11 39.9 -0.4
TMVZ	Te Maari	3.50 248	P	Pn	15 11 42.7 +2.2
ETVZ	East Tongariro	3.50 248	P	Pn	15 11 42.7 +2.2
PNHZ	Pukenui	3.52 233	P	Pn	15 11 42.9 +2.3
KWZ	Karewarewa	3.54 249	P	Pn	15 11 43.3 +2.2
OTVZ	Oturere	3.55 233	P	Pn	15 11 41.1 +2.5
MOVZ	Moawhango	3.58 243	P	Pn	15 11 43.6 +2.2
WTVZ	West Tongariro	3.59 248	P	Pn	15 11 43.9 +2.3
TUVZ	Tukino	3.59 246	P	Pn	15 11 44.2 +2.5
NGZ	Ngauruhoe	3.60 247	P	Pn	15 11 44.1 +2.3
WHZ	Whangape Hut	3.62 245	P	Pn	15 11 43.9 +2.4
WNVZ	Whianhoa	3.66 245	P	Pn	15 11 45.0 +2.4
FWVZ	Far West T-bar	3.66 247	P	Pn	15 11 45.2 +2.5
TRVZ	Turoa	3.68 246	P	Pn	15 11 45.3 +2.3
TWVZ	Taurewa	3.69 250	P	Pn	15 11 45.0 +2.1
ANWZ	Angora Road	3.70 225	P	Pn	15 11 45.4 +2.2
TSZ	Takapari Road	3.72 257	P	Pn	15 11 45.9 +1.9
MVZ	Mangatevike	3.77 245	P	Pn	15 11 46.4 +2.4
DTVZ	Dannevirke	3.77 229	P	Pn	15 11 45.9 +1.9
PKVZ	Pokaka	3.82 247	P	Pn	15 11 47.3 +2.5
MKAZ	Moumaki	3.83 280	P	Pn	15 11 45.4 +0.6
GRZ	Great Barrier	3.89 293	P	Pn	15 11 45.4 -0.3
WIAZ	Waiokeke Island	3.92 242	P	Pn	15 11 46.2 +1.2
BFZ	Birch Farm	3.98 224	Pn	Pn	15 11 48.2 +1.3
BFZ			Pn	Pn	15 12 33.7 +0.5
HIZ	Hauti	4.01 259	P	Pn	15 11 50.1 +2.8
HIZ	Hauti	4.01 259	P	Pn	15 11 49.8 +2.5
ETAZ	East Tamaki Re	4.05 227	P	Pn	15 11 50.1 +1.2
PRWZ	Pori Road	4.05 227	P	Pn	15 11 50.0 +2.2
POWZ	Post Office Ro	4.07 231	P	Pn	15 11 50.9 +2.8
MBAZ	Motutapu North	4.12 284	P	Pn	15 11 50.0 +1.2
VRZ	Veru Road	4.21 251	P	Pn	15 11 52.5 +2.5
EPAZ	Eden Park BICE	4.21 282	P	Pn	15 11 51.8 +1.7
ABAZ	Army Bay	4.22 286	P	Pn	15 11 51.9 +2.1
HBAZ	Herne Bay Bore	4.23 282	P	Pn	15 11 52.0 +1.7
TIWZ	Tintock	4.24 226	P	Pn	15 11 52.6 +2.1
AWAZ	Awhitu Peninsula	4.24 279	P	Pn	15 11 52.1 +1.6
OHWZ	Ohakea	4.25 233	P	Pn	15 11 53.8 +3.2
WAZ	Wanganui	4.25 242	P	Pn	15 11 53.6 +2.2
WTAZ	Waiatarua	4.33 281	P	Pn	15 11 53.1 +1.6
RVAZ	Riverhead Bore	4.37 283	P	Pn	15 11 53.3 +1.1
MHEZ	Mangehau	4.52 253	P	Pn	15 11 58.8 +4.5
LREZ	Lake Rotokare	4.52 248	P	Pn	15 11 58.1 +3.1
NEZ	Northern Egmont	4.74 251	P	Pn	15 12 00.8 +3.4
PKZ	Pukekoe	4.78 251	P	Pn	15 12 02.3 +3.0
KHEZ	Kahui Hut	4.81 251	P	Pn	15 12 02.0 +3.7
WCZ	Waipu Caves	4.84 292	P	Pn	15 11 59.2 +0.5
NBEZ	Newall Road No	4.91 252	P	Pn	15 12 04.2 +4.5
NMEZ	Namu Road	4.94 250	P	Pn	15 12 04.3 +4.2
MSWZ	Moukai Station	5.03 224	P	Pn	15 12 01.4 +0.1
MSWZ			Pn	Pn	15 12 04.8 +0.8
PLWZ	Palliser	5.13 223	Pn	Pn	15 12 02.6 -0.2
PLWZ			Pn	Pn	15 13 00.4 -1.3
BHW	Baring Head	5.24 226	P	Pn	15 12 04.6 +0.5
BHW			Pn	Pn	15 13 03.4 -0.8
SNZO	South Karori	5.27 228	Pn	Pn	15 12 05.0 +0.5
SNZO			Pn	Pn	15 13 01.9 -0.9
OUZ	Omahuta	5.71 296	P	Pn	15 12 11.3 +0.7
OUZ	Omahuta	5.71 296	P	Pn	15 12 11.3 +0.7
TUWZ	Tuamarina	5.80 230	P	Pn	15 12 11.8 0.0
CMWZ	Cape Campbell	5.83 227	Pn	Pn	15 12 11.3 -1.0
CMWZ			Pn	Pn	15 12 14.8 -0.4
BSWZ	Blackbirch Sta	6.01 228	Pn	Pn	15 12 14.8 0.0
BSWZ			Pn	Pn	15 13 23.0 -0.3
NNZ	Nelson	6.03 234	Pn	Pn	15 12 15.3 +0.3
QRZ	Quartz Range	6.41 240	Pn	Pn	15 12 20.0 -0.3
CTZ	Chatham Island	6.43 157	P	Pn	15 12 27.2 +6.6
THZ	Tophouse	6.62 222	Pn	Pn	15 13 07.8 -0.8
THZ			Pn	Pn	15 12 22.8 -0.7
KHZ	Kahutara	6.65 225	Pn	Pn	15 12 22.8 -0.7
KHZ			Pn	Pn	15 13 36.8 -2.1
LKZ	Lake Taylor	7.60 227	Pn	Pn	15 12 36.0 -0.7
MQZ	McQueen's Vall	8.00 221	Pn	Pn	15 12 41.1 -0.9
MOZ			Pn	Pn	15 14 06.8 -5.3
OXZ	Oxford	8.07 225	Pn	Pn	15 12 42.4 -0.7
RAO	Raoul Island	8.79 13	Pn	Pn	15 12 52.8 -0.2
RPZ	Rata Peaks	8.88 226	Pn	Pn	15 12 55.2 +1.0
RPZ			Pn	Pn	15 12 55.2 +1.0
RPZ			Pn	Pn	15 14 27.9 -6.0
RPZ			Pn	Pn	15 12 53.9 -0.2
FPZ	Fox Glacier	9.50 230	Pn	Pn	15 13 02.9 +0.2
LBZ	Lake Benmore	9.76 225	Pn	Pn	15 13 06.9 +0.3
ODZ	Otago Downs	9.90 210	Pn	Pn	15 13 07.0 +0.0
WKZ	Wanaka	10.71 226	Pn	Pn	15 13 18.4 -0.9
MLZ	Mavora Lakes	11.55 226	Pn	Pn	15 13 30.4 -0.3
WLZ	Wether Hill Ro	11.96 224	Pn	Pn	15 13 36.1 -0.3
DCV	Deep Cove	12.16 227	Pn	Pn	15 13 39.0 0.0
PYZ	Puysegur Point	12.83 226	Pn	Pn	15 13 48.1 -0.1
MSFZ	Monsavu	20.13 355	Pn	Pn	15 15 22.5 +0.7
MSFZ			Pn	Pn	15 15 56.5
STKA	Stevens Creek	31.81 269	P	P	15 17 11.8 +1.4
STKA			P	P	15 17 19.2
COEN	Coen	31.81 269	Iamb	Iamb	15 18 22.5 -0.8
COEN			Iamb	Iamb	15 18 55.2
AS31	Alice Springs	41.56 276	P	P	15 18 33.2 -0.4
ASAR	Alice Springs	41.56 276	P	P	15 18 33.2 -0.4
RABL	Rabaul	42.00 316	P	P	15 18 38.6 +1.3
FORT	Forrest	42.00 316	P	P	15 18 45.0 +0.4
WR0	Warramunga Arr	43.05 281	P	P	15 18 45.4 -0.4
WR0			Iamb	Iamb	15 19 05.6
WB2	Warramunga Arr	43.21 281	P	P	15 18 46.5 -0.5
WB2			Iamb	Iamb	15 19 08.7
WRAB	Tennant Creek	43.22 281	P	P	15 18 46.2 -0.9
WRA	Warramunga Arr	43.22 281	P	P	15 18 45.5 -0.6
WRA			P	P	15 18 46.1 -1.0
WB0	Warramunga Arr	43.28 282	P	P	15 18 47.0 -0.6
WB0			Iamb	Iamb	15 19 01.8
CASY	Casey	47.78 211	P	P	15 19 21.9 -0.7
KNRA	Kununurra	50.01 282	P	P	15 19 32.6 -7.8
NWAO	Narrogin (SRO)	50.46 256	P	P	15 19 42.4 -1.3
FITZ	Fitzroy Crossi	51.05 277	P	P	15 19 48.0 -0.2
QI	Qiongzhou	86.70 297	PP	PP	15 21 49.0 -0.9
QIZ	Qiongzhou	86.70 297	PP	PP	15 26 52.3 -0.2
QIZ			LR	LR	15 34 06.6 -0.2
QIZ			LR	LR	15 34 06.6 -0.2
QIZ			LR	LR	15 34 06.6 -0.2
NJ2	Nanjing	89.85 312	eP	eP	15 23 44.9 +0.4
NJ2			pmax	pmax	
HHC	Hu-ho-hao-te	100.17 314	eP	Pdf	15 24 31.5 -0.1
LZH	Lanzhou	101.76 307	eP	Pdf	15 24 51.0 +1.2
LZH			pP	pWP	15 24 57.3 +1.0

LZH			sP	sPdf	15 25 02.8 +1.9
LZH			pmax	pmax	
comp=Z,14nm,1.0s					
ARCES	ARCCESS Array B 145.41 344	PKPbc	PKPab	15 30 23.6 +0.8	
FINES	FINESS Array B 151.32 334	PKPbc	PKPab	15 30 39.3 +0.3	
comp=Z,4.5nm,1.1s,baz=28,slow=8.6,SNR=3.6					
ISK 19 15:16:35.2,36:54N,-31:10E,h105km,1km,ML3,3/24					
NIC 19 15:16:36.8,0.0,36:26N,-31:13E,h75km,3km,ML3,5/5					
DDA 19 15:16:37.5,36:56N,-31:15E,h75km,1km,ML3,2					
ISK 19 15:16:35.1,3,36:53N,0.03,-31:14E,0.03,h108km,8km,					
n67,-0599/104,Turkey					
Code Station Name	° AZ°	Phase ID	Time Res	ISC	
KEMT	Kemer-ANTALYA	0.48 279	Op	ISC	
KEMT			Pn	15 16 51.7 +0.1	
KEPZ	Antalya-Kepez	0.53 45	IS	Sn	
KEPZ			Pn	15 17 03.8 -0.1	
ANTB	Antalya	0.54 314	PG	Pn	
ANTB			Pn	15 16 51.6 -0.4	
AKUM	Antalya-Kumluc	0.67 253	iP	Pn	
AKUM			Pn	15 17 03.7 -1.0	
AKUM			Pn	15 16 53.5 +0.5	
AKUM			Pn	15 16 57.1 +0.5	
AKUM			Pn	15 17 08.0	
comp=E,868nm,0.3s					
ALAN	Alanya-ANTALYA	0.72 87	PG	Pn	
ALAN			Pn	15 16 53.9 +0.4	
KORT	Korkuei	0.79 307	iP	Pn	
KORT			Pn	15 16 55.0 +0.8	
KORT			Pn	15 17 09.8 +1.2	
BUCA	Burdur, Bucak-	0.92 330	iP	Pn	
BUCA			Pn	15 16 55.7 +0.3	
GAZI	Gazipasa	0.99 107	iP	Pn	
GAZI			Pn	15 17 10.4 -0.3	
GALL	Elmali	1.01 283	PG	Pn	
GALL			Pn	15 16 56.8 +0.7	
ELL	Elmali	1.01 283	SG	Pn	
ELL			Pn	15 17 12.4 +0.5	
ELL			Pn	15 16 56.4 0.0	
ELL			Pn	15 17 12.1 -0.4	
ELL			Pn	15 17 03.9 +0.5	
BCK	Bucak	1.03 335	PG	Pn	
BCK			Pn	15 17 13.9 +1.4	
BCK			Pn	15 16 56.8 +0.2	
BCK			Pn	15 17 12.6 -0.1	
SEDI	Konya, Seydisse	1.04 28	iP	Pn	
SEDI			Pn	15 16 57.0 +0.2	
SEDI			Pn	15 17 02.9 -0.9	
KSL	Kastellorizon	1.31 254	P	Pn	
KSL			Pn	15 17 00.2 +0.6	
KSL			Pn	15 17 17.5 -0.6	
ISP	Isparta	1.38 339	PN	Pn	
ISP			Pn	15 17 00.9 +0.4	
ISP			Pn	15 17 19.3 -0.5	
ERMK	Ermenek	1.43 85	iP	Pn	
ERMK			Pn	15 17 02.9 +1.6	
ERMK			Pn	15 17 23.9 +1.9	
ERMK			Pn	15 17 24.0	
comp=N,568nm,0.5s					
BRDR	BURDUR-Merkez	1.45 324	iP	Pn	
BRDR			Pn	15 17 10.7 +0.4	
BRDR			Pn	15 17 21.4 +0.2	
BOLD	Golhisar	1.45 300	iP	Pn	
BOLD			Pn	15 17 21.9 +0.7	
GOLG	Gölgü	1.49 349	iP	Pn	
GOLG			Pn	15 17 01.7 -0.1	
BAGO	Denizli, Camel	1.58 293	iP	Pn	
BAGO			Pn	15 17 21.1 -0.9	
CAEL	Denizli	1.58 293	iP	Pn	
CAEL			Pn	15 17 24.3 +1.4	
KMER	Konya-Meram	1.58 38	iP	Pn	
KMER			Pn	15 17 24.8 +0.9	
KMER			Pn	15 17 23.9 -0.1	
KKBE	Karaman, Kazim	1.60 64	iP	Pn	
KKBE			Pn	15 17 03.8 +0.6	
KKBE</					

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Table with columns: MAT, Matsushiro, 21.87 230, P, S, 16 37 33.4 +0.1, etc. Includes stations like Matsushiro, MJAR, MJAR, GJF, etc.

2015 FEB

Table with columns: RND, Reindeer, 28.66 46, P, Iamb, 16 38 35.4 -0.5, etc. Includes stations like Reindeer, PMR, GHO, etc.

19d 16h

Table with columns: SONM, comp=Z,34nm,1.1s,baz=98,slow=1.1,SNR=34, ScP, ScP, 16 54 34.5 +1.4, etc. Includes stations like SONM, SOMM, EPYK, etc.

19d 16h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like GMRC Granite Mounta, BELG Belogomoye, TOLIZ Tolitoli, etc.

2015 FEB

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like Q24A Divide, S22A 4UR Ranch, SPX San Pedro Mart, etc.

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Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like MNK comp=N,56nm,1.0s, MNK comp=Z,122nm,1.0s, etc.

AKASG	baz=324	68.53	328	P	P	16 43 39.0	-1.3
AKASG	comp=Z,54nm,0.6s, baz=31, slow=6.5, SNR=121						
AKASG	comp=Z,376nm,20.6s, baz=30, slow=5.9			LR	LR	17 16 58.8	
AKASG	baz=324	68.53	328	P	P	16 43 38.7	-1.6
AKBB	baz=324	68.53	328	eP	P	16 43 39.0	-1.4
AKBB	baz=324	68.53	328	IAMB	IAMB	16 43 40.9	
L42A	Oliver, Polo	68.56	48	P	P	16 43 39.9	-0.8
L42A				IAMB	IAMB	16 43 41.1	
MNTX	comp=Z,118nm,0.8s	68.58	66	P	P	16 43 42.5	+1.5
MNTX	Cornudas Mount						
MNTX	baz=320, SNR=166						
MNTX	Cornudas Mount	68.58	66	IAMB	IAMB	16 43 43.7	
MNTX	comp=Z,161nm,1.1s						
VLDQ	Val d'Or	68.58	37	IAMB	IAMB	16 43 40.2	
VLDQ	comp=Z,113nm,0.9s						
K43A	Burlington	68.60	47	IAMB	IAMB	16 43 42.1	
K43A	comp=Z,159nm,0.9s						
P38A	Dawn	68.63	52	P	P	16 43 41.2	0.0
P38A				IAMB	IAMB	16 43 42.4	
LLD	comp=Z,144nm,0.8s	68.79	340	I/P	I/P	16 43 41.8	-0.1
LLD	Lille Linde						
LLD	comp=Z,144nm,0.8s	68.79	340	I/P	I/P	16 43 41.8	-0.1
LLD	Lille Linde						
CROK	Carrier	68.85	57	P	P	16 43 42.4	-0.3
CROK				IAMB	IAMB	16 43 43.5	
NCK	comp=Z,227nm,1.2s						
NCK	Nalchik	69.20	315	iP	P	16 43 43.6	-1.1
NCK				pmax	pmax		
L44A	comp=Z,23nm,1.0s	69.21	47	P	P	16 43 44.3	-0.4
L44A	Lake County Fo						
L44A	baz=323, SNR=166						
L44A	Lake County Fo	69.21	47	IAMB	IAMB	16 43 45.5	
L44A	comp=Z,92nm,0.8s						
KIV	Kislovodsk	69.21	316	I/P	P	16 43 44.9	0.0
KIV	Kislovodsk	69.21	316	P	P	16 43 44.9	0.0
KIV	SNR=8						
KIV	Kislovodsk	69.21	316	P	P	16 43 44.9	0.0
KIV				pmax	pmax		
KIV	comp=Z,17nm,0.8s	69.21	316	P	P	16 43 44.9	0.0
KIV	Kislovodsk	69.21	316	P	P	16 43 44.9	0.0
RGN	Rugen	69.30	339	P	P	16 43 45.0	-0.1
RGN	Rugen	69.30	339	eP	P	16 43 46.3	+1.3
KBZ	comp=Z,355nm,1.2s, baz=20, slow=5.9						
KBZ	Khabaz	69.31	316	P	P	16 43 44.5	-0.8
KBZ	comp=Z,27nm,0.9s, baz=53, slow=3.8, SNR=46			LR	LR	17 16 53.4	
KAC	comp=Z,214nm,20.4s, baz=16, slow=38						
SHA1	Achnsnehellach	69.31	351	eP	P	16 43 45.3	+0.2
SHA1	Shidzhatmaz	69.40	316	iP	P	16 43 45.0	0.0
KPL	Plockton	69.50	351	eP	P	16 43 45.9	-0.4
KPL				IAMB	IAMB	16 43 47.2	
HQIL	comp=Z,69nm,1.0s	69.54	47	P	P	16 43 46.5	-0.3
HQIL	Hanson Quary C						
HQIL				IAMB	IAMB	16 43 47.5	
GKP	Gorka Kiasztor	69.59	337	eP	P	16 43 46.9	0.0
GKP	Gorka Kiasztor	69.59	337	eP	P	16 43 46.8	-0.1
DRUM	Mains of Drum	69.60	349	eP	P	16 43 46.2	-0.7
ZEI	Tsey	69.64	315	eP	P	16 43 44.8	-2.9
ZEI				pmax	pmax		
OK029	comp=Z,19nm,1.0s	69.66	57	IAMB	IAMB	16 43 49.0	
OK029	Liberty Lake						
BATI	comp=Z,148nm,1.2s	69.67	217	P	P	16 43 47.3	-0.5
BATI	Baumata						
BATI	comp=Z,39nm,0.7s, baz=135, slow=18, SNR=2.6						
BCOK	Bluff Creek, N	69.69	58	IAMB	IAMB	16 43 49.2	
BCOK	comp=Z,157nm,1.0s						
J47A	Sunmer	69.70	44	IAMB	IAMB	16 43 49.0	
J47A	comp=Z,151nm,0.9s						
NEY	Neytrino	69.77	316	iP	P	16 43 47.7	-0.7
M44A	Midewin, Midew	69.78	48	IAMB	IAMB	16 43 48.1	-0.2
M44A				IAMB	IAMB	16 43 49.0	
WMOK	comp=Z,100nm,0.8s	69.80	59	P	P	16 43 49.1	+0.6
WMOK	Wichita Mounta						
WMOK	baz=321, SNR=40						
WMOK	Wichita Mounta	69.80	59	IAMB	IAMB	16 43 50.2	
WMOK	comp=Z,129nm,1.1s						
OK031	S. S. Brennan Rd	69.86	57	IAMB	IAMB	16 43 50.1	
OK031	comp=Z,166nm,1.2s						
HDIL	Hopedale	69.88	49	P	P	16 43 48.9	-0.1
HDIL	comp=Z,323, SNR=23						
HDIL	Hopedale	69.88	49	P	P	16 43 48.8	-0.1
HDIL	comp=Z,323, SNR=23						
OK025	Westminster Rd	69.89	58	P	P	16 43 49.4	+0.3
OK025				IAMB	IAMB	16 43 50.4	
OK030	Cody Creek RV	69.90	57	P	P	16 43 49.5	+0.3
OK030				IAMB	IAMB	16 43 50.4	
SKMB	comp=Z,127nm,1.0s	69.92	342	eP	P	16 43 50.6	+1.7
SKMB	Sankelmark Bun						
SKMB	comp=Z,408nm,1.2s, baz=20, slow=5.9						
BEL	Belok	70.00	334	eP	P	16 43 50.0	+0.6
L45A	Eue Claire	70.05	46	P	P	16 43 50.0	0.0
PSI	comp=Z,66nm,0.8s, baz=0.1, slow=5.5, SNR=7.4	70.08	247	P	P	16 43 51.0	+0.4
PSI				LR	LR	17 15 43.1	
ALGO	comp=Z,125nm,20.9s, baz=88, slow=37	70.17	39	P	P	16 43 49.5	-1.1
ALGO	Algonquin Park						
ALGO	baz=327, SNR=14						
RPSI	Rantau Prapat	70.17	247	P	P	16 43 50.5	-0.5
RPSI				IAMB	IAMB	16 43 52.4	
D55A	comp=Z,101nm,1.0s	70.22	36	P	P	16 43 50.4	-0.5
D55A	Sainte-Anne-du						
D55A	baz=328, SNR=24						
INVG	Invergelde, C	70.25	350	eP	P	16 43 50.0	-0.9
INVG				IAMB	IAMB	16 43 51.4	
R40A	comp=Z,47nm,0.8s	70.29	52	IAMB	IAMB	16 43 52.3	
R40A	Maddies Station						
R40A	comp=Z,117nm,0.8s						
X34A	Smith Ranch, M	70.40	59	P	P	16 43 52.5	+0.3
X34A				IAMB	IAMB	16 43 54.3	
TUL1	Leonard	70.42	56	P	P	16 43 52.5	+0.2
TUL1	baz=322, SNR=16						
TUL1	Leonard	70.42	56	IAMB	IAMB	16 43 53.6	
TUL1	comp=Z,118nm,0.9s						
D56A	ZEC Mazanza, M	70.45	36	P	P	16 43 52.0	-0.3
D56A							
BS6G	Bad Segeberg	70.49	341	eP	P	16 43 53.6	+1.3
BS6G	comp=Z,213nm,1.2s, baz=20, slow=5.9						
E55A	Monterey Lyto	70.49	37	P	P	16 43 51.9	-0.6
E55A	baz=328, SNR=8.9						
P43A	Skaggs, Pawnee	70.51	50	P	P	16 43 52.8	+0.1
P43A				IAMB	IAMB	16 43 53.7	
EAB	Aberfoyle	70.51	350	eP	P	16 43 52.4	-0.1
EAB							
LAWE	Lok Awe, Argy	70.55	351	eP	P	16 43 52.2	-0.5
LAWE				IAMB	IAMB	16 43 53.6	
OK4A	comp=Z,99nm,0.9s	70.58	49	IAMB	IAMB	16 43 53.9	
OK4A	Mansfield						
OK4A	comp=Z,99nm,0.8s						
ESY	Stoneypath	70.59	349	eP	P	16 43 52.6	-0.3
HYB	Hyderabad	70.60	273	iP	P	16 43 52.0	-1.7
HYB				eP	P	16 44 13.5	-0.8
GS4A	Lake Saint Pet	70.62	39	P	P	16 43 52.4	-1.0
GS4A	comp=Z,327, SNR=8.1						
ANN	Anapa	70.64	320	eP	P	16 43 50.8	-2.7
ANN				eP	P	16 44 11.9	-2.1
ANN				eS	P	16 52 55.6	-4.5
ANN				pmax	pmax		
US8A	comp=Z,69nm,1.0s	70.71	55	IAMB	IAMB	16 43 54.9	
US8A	Gravette						
US8A	comp=Z,98nm,0.8s						
SOC	Sochi	70.74	318	eP	P	16 43 51.9	-2.2
SOC							
SOC				ePPP	PPP	16 48 12.6	
SOC				eS	P	16 52 59.1	-2.3
SOC				eS	P	16 53 47.3	
SOC				eSS	SS	16 57 31.8	-2.2
SOC	comp=Z,49nm,1.2s			pmax	pmax		
SADO	comp=Z,171nm,20.0s	70.75	40	LR	LR	17 15 38.2	
SADO	Sadowa						
SADO	comp=Z,125nm,19.4s, baz=96, slow=36						
E56A	St. Veronique	70.78	36	P	P	16 43 53.7	-0.6
E56A	baz=329, SNR=16						
I51A	Listowel	70.81	42	P	P	16 43 54.5	0.0
I51A							
KMMI	baz=326, SNR=20	70.82	228	P	P	16 43 58.2	+3.4
KMMI	Kallange						
KMMI	comp=Z,230nm,1.3s						
LATQ	La Tuque	70.85	34	P	P	16 43 54.6	-0.1
LATQ	baz=330, SNR=8.6						

LATO	La Tuque	70.85	34	P	P	16 43 54.9	+0.2
LTV	L'vov	70.90	331	eP	P	16 43 54.2	-0.8
LTV				pP	P	16 44 21.1	+3.6
LTV				ePPP	PPP	16 48 17.2	
LTV				eS	P	16 52 56.3	-6.7
LTV				ePS	P	16 53 22.3	-2.0
LTV	comp=Z,110nm,1.2s			pmax	pmax		
LVV	comp=N,300nm,16.0s			MLR	MLR		
LVV	comp=E,200nm,16.0s			MLR	MLR		
LVV				MLR	MLR		
PGBU	comp=Z,330nm,16.0s	70.90	350	eP	P	16 43 54.9	0.0
PGBU	Gleniferbrass			IAMB	IAMB	16 43 57.7	
L48A	comp=Z,440nm,1.5s	70.92	45	IAMB	IAMB	16 43 56.4	
L48A	N Adams						
L48A	comp=Z,162nm,0.9s						
AKH	Akhalkalaki	70.94	314	I/P	P	16 43 55.2	-0.4
AAM	Ann Arbor	70.96	44	P	P	16 43 55.6	+0.2
AAM	baz=325, SNR=7.5						
AAM	Ann Arbor	70.96	44	IAMB	IAMB	16 43 56.8	
CCM	comp=Z,140nm,0.8s	70.96	52	P	P	16 43 55.5	0.0
CCM	Cathedral Cave						
CCM	baz=323						
CCM	Cathedral Cave	70.96	52	P	P	16 43 55.3	-0.3
CCM	comp=Z,92nm,1.0s			pmax	pmax		
CCM	Cathedral Cave	70.96	52	P	P	16 43 55.2	-0.3
CCM				IAMB	IAMB	16 43 56.6	
ABTX	comp=Z,92nm,1.0s	70.98	61	P	P	16 43 56.4	+0.7
ABTX	Abilene, Hawle						
ABTX	baz=323, SNR=23						
ABTX	Abilene, Hawle	70.98	61	IAMB	IAMB	16 43 57.5	
K50A	Casco	71.00	43	P	P	16 43 55.8	+0.1
SPIN	Lafayette	71.02	48	P	P	16 43 55.5	-0.3
AFI	comp=Z,134nm,1.3s	71.04	150	P	P	16 43 56.4	+0.2
AFI	Afiamalau			pmax	pmax		
AFI	comp=Z,61nm,1.2s	71.04	150	P	P	16 43 56.4	+0.2
AFI	Afiamalau						
SORM	Soro	71.05	328	I/P	P	16 43 54.7	-1.2
D58A							

19d 16h

Table with columns: ID, Name, Address, Time, Status, and other details. Includes entries like X40A Basin Creek Fa, G61A St-Isidore-de-Kecevo, KECS Kecevo, etc.

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Table with columns: ID, Name, Address, Time, Status, and other details. Includes entries like BISSR Bisoca, LWLI Liwa, LBNH Lisbon, etc.

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Table with columns: ID, Name, Address, Time, Status, and other details. Includes entries like IWEX Carrickbyrne, GEC2 GERESS Array S, GERES GERESS Array B, etc.

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Table with columns: WRA, WARRAMUNGA ARR, 75.56 204 P, 16 44 23.4 +0.8

2015 FEB

Table with columns: BLA, BLACKSBURG, 76.57 45 P, 16 44 28.6 +0.2

19d 16h

Table with columns: RDO, ALN, RODOPI, 78.16 326 P, 16 44 37.0 -0.1

ASAR Sn Sn 17 11 16.5 -7.8
MKAR Makanchi Array 67.94 330 P P 17 15 33.1 -0.2

IDC 19 17:21:13.2:1.6,9.29S;114.26E,h0km,mb3.6/4,
mb1.4/0.7,mb1mx3.6/3.1,mbtmp3.9/7,ML4.1/3,Error
ellipse: s-maj=46.1km s-min=21.8km az=50.0

NEIC 19 17:21:25.9:1.5,9.05S;0.1:114.97E;0.07,h87km,11km,
mb3.8/7,Error ellipse: s-maj=20.6km s-min=9.7km
az=185.0

DJA 19 17:21:25.3:0.3,9.5S;5.11E;1.1,h62km,8km,M4.4/15,
mb4.6/7,mb5.6/1,MLV4.2/15,Mw(mB)5.1/1

ISC 19 17:21:23.8:0.7,9.34S;0.06:115.00E;0.06,h35km,n40,
az=06/42,mb3.9/9,South of Bali

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists various stations like DNP Denpasar, JAGI Jajag, etc.

AEIC 19 17:25:39.1:6.52,6N;0.2:174.5W;0.2,h216km,3km,
ML3.0/15,mb3.8/12(NEIC),Error ellipse: s-maj=29.5km
s-min=8.8km az=158.0

NEIC 19 17:25:39.7:1.8,52.9N;0.2:174.7W;0.1,h201km,14km,
Error ellipse: s-maj=35.9km s-min=7.6km az=167.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists various stations like KOKL Mount Kliuchef, etc.

NOU 19 17:26:23.0,16:40S:168:18E,h0km,MLV4.7,Vanuatu
Islands,Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like DVP Devils Point, etc.

YATNC Mamie plateau, 5.76 192 P Pn 17 27 50.3 +0.5
DZM Mont Dzumac, 5.88 196 P Pn 17 27 50.8 -0.7

TAP 19 17:28:51.0,24:64N;122:50E,h89km,1km,ML2.9,M
JMA 19 17:28:51.0,24:61N;122:40E,h95km,2km,M1.7

ISC 19 17:28:52.5:1.4,24:63N;100:122.44E;0.102,h85km,9km,
n87,-0.98/157,Taiwan region

Large table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists numerous stations like JYNG Yanagunijimaku, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like WVDW baz=234, etc.

NOU 19 17:38:14.0,16:38S:168:28E,h0km,MLV5.1,Vanuatu
Islands,Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like DVP Devils Point, etc.

IDC 19 17:41:55.0:1.4,16:31S:168:19E,h0km,mb4.1/7,
mb1.4/3/8,mb1mx4.0/27,mbtmp4.1/8,ML4.5/1,Error
ellipse: s-maj=48.7km s-min=23.2km az=135.0

NEIC 19 17:41:55.6:1.8,16:27S;0.08:168:2E;0.1,h10km,2km,
mb4.3/6,Error ellipse: s-maj=24.8km s-min=11.1km
az=72.0

NOU 19 17:41:57.2,16:21S:168:35E,h61km,MLV4.8,Vanuatu
Islands,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SARAUOUT, DEVILS POINT, LIFUNC, etc.

ISC 19 17:50:22.8, 0.8, 14.57S; 66.14E, h0km, mb4.0/8, mb1.4/1.8, mb1mx3.8/4.6, mbmtpp.0/8, MS3.6/2, Ms1.3/7.2, ms1mx3.1/4.0, Error ellipse: s-maj=27.3km s-min=19.7km

NEIC 19 17:50:23.9, 1.5, 14.5S; 0.1:66.2E, 0.1, h10km, 1km, mb4.4/1.7, Error ellipse: s-maj=24.6km s-min=22.6km

ISC 19 17:50:24.6, 0.8, 14.6S; 0.1:66.1E, 0.1, h13km, n41, 1919/36, mb4.4/2.1, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DIEGO GARCIA H, MATP, LUSAKA, etc.

JMA 19 17:52:24.6, 0.1, 23.86N; 122.03E, h22km, 3km, M2.7, TAP 19 17:52:25.5, 2.3, 23.93N; 122.04E, h27km, ML3.0, C

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NACB, ES, ESL, EGFH, etc.

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

JMA 19 17:58:16.7, 0.1, 41.00N; 142.94E, h18km, M3.5, IDC 19 17:58:20.0, 3.1, 40.97N; 142.92E, h56km, 23km, mb3.4/6, mb1.3/4.9, mb1mx3.2/4.7, mbmtpp.3.6/9, ML2.7/3, M3.2/7.1, Ms1.2/7.1, ms1mx2.3/3.9, Error ellipse: s-maj=36.0km

ISC 19 17:58:17.9, 1.0, 40.98N; 0.05:143.06E, 0.06, h38km, 3km, n34, 1928/38, mb3.6/6.2C-4D, Off east coast of Honshu

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

19d 19h

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like OGRU Ongureny, MXMB Maximikha, Uakit, Severomysk, Tyrgan, Bodaibo, Stepnoy Dvoret, Ulan-Yde, Fotonovo, Nelyaty, Khuramsha, Bolshoye Golou, Chita, Irkutsk, Vitim, Listvyanka, Ivanovka, Talaya, and others.

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Table with columns for station name, frequency, polarization, and coordinates. Includes stations like Talaya, Chara, Arshan, Khapcheranga, Khani, Zakamensk, Orlik, Tupik, Zalesovo Beam, Hailar, Zeya, ZALV, DGZ, KLR, KURB, BVAR, BRVK, SEY, AKTO, AKASG, ILAR, BRTR, and YKA.

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Table with columns for station name, frequency, polarization, and coordinates. Includes stations like NEIC, JMA, ISC, Code, Station Name, Az, Phase ID, Time, Res, and others. Includes specific event data for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like YOJ, EWUT, ENA, NACB, TWC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WTP, SLGT, SGST, CHN1, etc.

ADC 19:16:34.4,2.2,5.26N:126.79E,h0km,mb3.5/3, mb1 3.6/3,mb1mx3.2/4.2,mbtmp3.5/3,MS3.7/2,Ms1 3.7/2, ms1mx2.8/3.3,Error ellipse: s-maj=169.7km s-min=25.4km az=66.0,Mindanao

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

ADC 19:17:31.0,2.3,6.94S:132.12E,h0km,mb3.6/1, mb1 3.7/5,mb1mx3.4/3.7,mbtmp3.5/5,ML3.4/4,Error ellipse: s-maj=97.5km s-min=25.3km az=85.0,Taninbar Islands region

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

ATH 19:50:22.8,38.43N:20.54E,h14km,1km,ML3.5/15,Error ellipse: s-maj=1.4km s-min=0.5km az=269.0

ADC 19:50:22.6,3.1,38.74N:20.54E,h0km,mb3.8/4, mb1 3.7/8,mb1mx3.5/3.7,mbtmp3.7/8,ML3.4/4,MS2.9/2, Ms1 2.9/2,ms1mx2.6/3.5,Error ellipse: s-maj=60.6km s-min=19.4km az=40.0

BE0 19:50:23.0,0.8,38.40N:20.39E,h12km,4km,ML3.3/10 THE 19:50:23.2,38.41N:20.58E,h7km,1km,ML3.8/13,Error ellipse: s-maj=1.1km s-min=0.4km az=262.0

ISC 19:50:22.2,0.7,38.43N:0.02,20.55E,0.02,h17km,4km, n157,19/29/191,mb3.8/4,13C-2D,Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VSK1, KEF5, KEF5, KEF4, KEF4, KEF4, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VLMS, VLMS, VLMS, AXS, AXS, AXS, etc.

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Table with columns: Code, Station Name, Time, Res, and various data points for stations like MRKONJ, MORI, FRGS, etc.

NOU 19 19:54:46.5, 16:40S; 168:29E, h0km, MLV5.2, Vanuatu Islands

IDC 19 19:54:47.4, 1.0, 16:49S; 168:11E, h0km, mb4.2/15, mb1.4/4.16, mb1mx4.2/39, Error ellipse: s-maj=2.71, MS3.7/5, Ms1.3.7/5, ms1mx3.3/33, Error ellipse: s-maj=2.87km, s-min=17.4km, az=132.0

NEIC 19 19:54:48.7, 1.7, 16:38S; 0:03, 168:04E; 0:08, h10km, 1km, mb4.7/25, Error ellipse: s-maj=13.6km, s-min=5.8km, az=268.0

ISC 19 19:54:52.0, 1.5, 16:47S; 0:05, 168:12E; 0:08, h35km, n63, r=144/60, mb4.6/25, MS3.7/7, Vanuatu Islands

Main table listing station codes (DVP, SANVU, SAROUTO, etc.), station names, times, and resolutions for various stations.

Table listing station codes (OMMB, WAKR, PAHR, etc.), station names, times, and resolutions for stations like Old Mammoth Mt, Walker, Pam Rah Range, etc.

BUI 19 19:56:31.5, 0.0, 16:30S; 168:20E, h5km, mB5.3/26, mb4.7/48, Ms5.0/7, Ms7.4/67

IDC 19 19:56:32.6, 0.8, 16:37S; 168:25E, h0km, mb4.5/22, mb1.4/7.23, mb1mx4.5/42, mbtmp4.5/23, ML4.7/1, MS3.8/5, Ms1.3.8/5, ms1mx3.4/28, Error ellipse: s-maj=25.4km, s-min=15.5km, az=144.0

MOS 19 19:56:33.1, 1.1, 16:18S; 168:10E, h11km, mb4.8/6, Error ellipse: s-maj=15.5km, s-min=8.8km, az=15.7

NEIC 19 19:56:35.6, 1.8, 16:39S; 0:06, 168:10E; 0:03, h25km, 5km, mb5.1/83, Error ellipse: s-maj=9.9km, s-min=3.6km, az=160.0

ISC 19 19:56:37.6, 0.4, 16:46S; 0:05, 168:15E; 0:07, h35km, n235, r=128/236, mb5.0/80, MS3.7/7, 1C-1D, Vanuatu Islands

Main table listing station codes (SANVU, SAROUTO, LIFOU, etc.), station names, times, and resolutions for stations like Sarautou, Lifou, Mamie plateau, etc.

Main table listing station codes (BJT, BJI, BJJ, etc.), station names, times, and resolutions for stations like Baijiatou, Beijing, Xian, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Suao, Dongshan, ILA, Wuta, etc.

ICD 19 23:49:14.6,2.4,33.33S;178.96W,h0km,mb4.2/4, mb1 4.4/5,mb1mx4/0.38,mbtmp4.3/5,ML4.2/1,MS3.6/1, Ms1 3.6/1,ms1mx2/7.26,Error ellipse: s-maj=57.9km s-min=37.9km az=130.0

NEIC 19 23:49:17.2,2.2,33.76S;178.6W;0.1,1,h35km,2km, mb4.3/12,Error ellipse: s-maj=22.4km s-min=12.5km az=118.0

WEL 19 23:49:19.0,1.2,34.5S;147.9W;3.4,h33km,5.6/6, mb5.1/2,ML4.8/6,MLV4.5/6,Mw(mB)4.5/2,Error ellipse: s-maj=0.0km s-min=0.0km az=111.0

ISC 19 23:49:18.0,0.9,33.58S;178.7W;0.1,h41km,n44, a=165/47,mb4.3/8,South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Green Lake, Raoul Island, etc.

Table with columns: CTA, Charters Tower, Time, Res. Includes stations like Alice Springs, Warramunga Arr, etc.

NEIC 19 23:55:53.2,1.4,54.9N;0.2,162.5E;0.2,h35km,2km, mb4.1/14,Error ellipse: s-maj=41.0km s-min=13.3km az=152.0

IDD 19 23:56:01.1,2.0,55.54N;165.06E,h0km,mb3.6/3, mb1 3.9/5,mb1mx3.4/54,mbtmp3.6/5,ML4.9/1,MS3.7/1, Ms1 3.8/1,ms1mx2.6/44,Error ellipse: s-maj=46.1km s-min=19.3km az=168.0

KRSC 19 23:56:02.2,1.1,55.91N;164.14E,h7km,23km,ML3.7 ISC 19 23:56:01.3,1.5,55.72N;164.03E;0.05,h11km,10km, n61,1963/65,mb3.9/10,Komadore Islands region

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

IMAR 19 23:59:57.5,1.7,6.00S;0.07x127.93E;0.07,h400km,8km, mb4.4/56,Error ellipse: s-maj=11.4km s-min=9.0km az=139.0

DJA 19 23:59:57.5,0.3,6.54S;12.18E;h383km,6km,ML6.2/1, mb5.0/10,mb4.7/21,MLV5.0/13,Mw(mB)5.4/3/10

ICD 19 23:59:57.4,1.2,6.06S;127.93E,h403km,14km,mb4.0/17, mb1 4.0/24,mb1mx3.8/44,mbtmp4.7/24,Error ellipse: s-maj=12.6km s-min=8.4km az=77.0

ISC 19 23:59:57.0,2.3,6.04S;0.04x127.93E;0.05,h400km,n163, a=152/170,mb4.3/64,C,1,0,Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Indian Mountain, Redoubt South, etc.

NEIC 19 23:59:57.5,1.7,6.00S;0.07x127.93E;0.07,h400km,8km, mb4.4/56,Error ellipse: s-maj=11.4km s-min=9.0km az=139.0

DJA 19 23:59:57.5,0.3,6.54S;12.18E;h383km,6km,ML6.2/1, mb5.0/10,mb4.7/21,MLV5.0/13,Mw(mB)5.4/3/10

ISC 19 23:59:57.0,2.3,6.04S;0.04x127.93E;0.05,h400km,n163, a=152/170,mb4.3/64,C,1,0,Banda Sea

Table with columns: NLAI, Namlea, SAUI, Saumlaki, SOEI, Soe, etc. Includes stations like Soe, Fak Fak, Baunata, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station codes (e.g., KJAR, KRSR, KSRS, KS19, etc.).

Table with columns: TXAR, Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station codes (e.g., AKT, AKR, GNRB, etc.).

Table with columns: MRKS, Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station codes (e.g., EKS2, UCH, KK31, etc.).

Table with columns: SHLS, PDGK, PDGK, DJR. Rows include station names, frequencies, and coordinates.

NEIC 20 01:09:13.16, 5.9:5.0:1x105.6E:0.2, h152km, 8km, mb4.1/6, Error ellipse: s-maj=27.2km s-min=12.7km az=55.0

ISC 20 01:09:15.6:2.8, 5.8:5.9:105.71E, h166km, 17km, mb3.4/7, mb1 3.3/9, mb1mx3.3/9, mbtmp4.0/9, MS2.3/1, Ms1 2.3/1, ms1mx2.19, Error ellipse: s-maj=51.4km s-min=15.6km az=60.0

DJA 20 01:09:16.1:0.4, 6.5:5.5:10.6E, h159km, 4km, M4.4/11, mb4.6/2, mb5.5/1, MLV4.2/11, Mw(m)B4.9/1

ISC 20 01:09:14.9:0.9, 6.1S:0.1:105.7E:0.1, h173km, 6km, n29, c1948/34, mb3.6/11, Sundra Strait

Main table for station data on page 945. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BLSI, DBJI, CBJI, SKJI, etc.

ISC 20 01:20:06.6:2.4, 26:02N:125:69E, h80km, 21km, mb3.8/15, mb1 3.9/17, mb1mx3.7/39, mbtmp4.1/17, MS2.5/1, Ms1 2.5/1, ms1mx2.1/41, Error ellipse: s-maj=18.7km s-min=14.5km az=61.0

NEIC 20 01:20:08.8:1.5, 26:00N:10:125:71E, h102km, 8km, mb4.5/31, Error ellipse: s-maj=15.2km s-min=9.6km az=148.0

JMA 20 01:20:08.0:2.26:01N:125:71E, h102km, 4km, M3.7

ISC 20 01:20:08.7:0.7, 26:02N:0:06:125.71E:0.05, h100km, 7km, n80, c090/95, mb4.3/30, Northeast of Taiwan

Main table for station data on page 946. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKE, JIKM, JIKM, etc.

Main table for station data on page 947. Columns: MKAR, MKAR, SEY, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, FITZ, FITZ, WRA, WRA, WB2, WB2, WR0, WR0, etc.

DDA 20 01:24:30.8, 35:80N:33:36E, h7km, 7km, ML1.8

ISK 20 01:24:30.9, 35:79N:33:36E, h5km, ML2.5/15

ISC 20 01:24:35.2, 0.0:35:57N:120:26E, h2km, 14km, M11.9/2

ISC 20 01:24:29.8:1.1, 35:83N:0:02:33.7E:0.03, h6km, 11km, n29, c1559/49, Cyprus region

Main table for station data on page 948. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKK2, AKK1, AKKU, etc.

Table with columns: GAZI, GAZI, ASGA, ASGA, SZAC, SZAC, NATA, NATA, KKBE, KKBE, KERG, KERG, KERG. Rows include station names, frequencies, and coordinates.

ISC 20 01:59:24.8:4.0, 7.22N:156:97E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/26, mbtmp3.7/3, Error ellipse: s-maj=379.9km s-min=34.0km az=135.0, Bougainville-Solomon Islands region

Main table for station data on page 949. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, WRA, H11S3, H11S3, H11S1, H11S1, ASAR, ASAR, YKA, YKA.

NEIC 20 02:05:05.2, 1.7:33N:0:07:95.41W:0.06, h104km, 4km, s-min=6.7km az=215.0

ISC 20 02:05:05.6:0.6, 1.7:27N:95:08W, h106km, 4km, mb3.6/10, mb1 3.9/13, mb1mx3.7/34, mbtmp4.0/13, MS3.0/2, Ms1 3.0/2, ms1mx2.6/28, Error ellipse: s-maj=18.3km s-min=11.3km az=51.0

MEX 20 02:05:06.2:1.1, 17:05N:95:48W, h105km, 10km, MD4.5

ISC 20 02:05:03.8:0.6, 17:14N:0:05:95.43W:0.04, h96km, 5km, n223, c1998/207, mb4.6/40, Oaxaca

Main table for station data on page 950. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMIG, CMIG, CMIG, etc.

20d 2h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OK031 S. Brethren Rd, FCAR Ozark Folk Cen, PLAL Pickwick Lake, etc.

2015 FEB

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like U60A Pendleton, P52A Corning, L42O Oliver Pole, etc.

946

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes TRN 20 02:33:04.6, TRN Trinidad (W), ORIV Oritupano, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes IDC 20 02:44:06.8, WRA Warramunga Arr, ASAR Alice Springs, etc.

NOU 20 02:47:21.2, 15:48S:169:07E, h208km, MLV5.1, Vanuatu Islands
IDC 20 02:47:30.7, 1.16:45S:168:32E, h0km, mb4.2/7, mb1 4.4/8, mb1mx4.1/34, mbtmp4.2/8, ML4.1/1, MS3.2/6, MS1 3.2/6, ms1mx3.1/24, Error ellipse: s-maj=45.3km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes SARAU Sarautou, SANVU Sarautou, KOUNC Kounac, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes DZM 1.0nm,0.3s, DZM 10nm,0.3s, DZM 4.5nm,0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes DZM 2.58nm,21.9s, DZM 5.89 196, DZM 5.89 196, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PMG Port Morsby, URZ Urewera, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes ASAR Alice Springs, PPT Papeete, USRK USSuriysek, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes SONM Songino Array, SONM Songino Array, SHL Shillong, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WAKR Walker, WAKR Walker, LHV Little Hunteon, etc.

20d 4h

2015 FEB

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like KSAR, Wouju Array Be, KLR, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like TIA, Nanjing, ANA2, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like H11N2, H11N1, H11N3, etc.

Table with columns: ANM, Nome, 38.32 33, IAMS_20, IAMS_20, 04 49 45.5, etc. Includes entries like SLVN Son La, DGZ Jazzator, RDOG Red Dog Mine, etc.

Table with columns: TOL12, comp=Z,19um,18.0s, FAKI Fak Fak, 43.79 197, P, P, 04 33 29.4 0.0, etc. Includes entries like FAKI Fak Fak, CM32 Chiang Mai Arr, CM09 Chiang Mai Arr, etc.

Table with columns: KURK Kurchatov, 45.63 306, P, P, 04 33 43.4 -0.3, etc. Includes entries like KURK Kurchatov, MDM Murphy Dome, KNK Knik Glacier, etc.

20d 4h

Table with columns for station code, name, frequency, and various signal quality metrics (eS, S, I, M, L, R, P, etc.). Includes stations like Wild Horse Val, Scoresbysund, Gof Gof, etc.

2015 FEB

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Salakas, Uppsala, Stephens Creek, etc.

954

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Senkaya-Erzuru, Umm Al-Quwin, Hatat, Dubai, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LASA Array, Santa Cruz Isl, Kongsberg, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KIS, RDMU, P17A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RMX, O20A, BIR, etc.

20d 4h

2015 FEB

956

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KECS, YAYX, SFX, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASSE, FBE, VRAC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KCTX, E3BA, KSCO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TEND Ethiopian Broa, M60A Kent Jervis, KSC2 Port School, K, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like 553A Crawfordville, PESTR Estremoz, LIS Lis, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BELA Belgrano 2, NPGB Novo Progresso, NBMO Morrinhos-CE, etc.

Additional information and notes at the bottom right, including a URL: http://www.147.308.48.4e.1.5.16.388x168.45E.h0km.mb3.7/4...

JMA 20 06:40:16.40.0.1,38.27N:144.50E,h33km,M3.6, Off east coast of Honshu

NOU 20 06:49:18.7, 15.96S: 168.35E, h97km, MLv4.9, Vanuatu Islands

ICC 20 06:49:19.6.1.1, 16.22S: 167.96E, h0km, mb4.3/9, mb1 4.4/10, mb1mx4.1/33, mbtmp4.2/10, ML3.9/1, Error ellipse: s-maj=38.1km s-min=19.9km az=122.0

ISC 20 06:49:24.6.0.8, 16.23S: 0.06:168.0E:0.1, h35km, n16, s129/17, mb4.2/9, Vanuatu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

ICC 20 06:50:35.9.1.0, 3.00S: 142.37E, h0km, mb4.0/5, mb1 4.3/7, mb1mx3.9/32, mbtmp4.1/7, ML4.0/1, Error ellipse: s-maj=16.9km s-min=14.2km az=74.0

NEIC 20 06:50:37.3.1.4, 3.08S: 0.09:142.63E:0.09, h10km, 1km, mb4.4/17, Error ellipse: s-maj=15.2km s-min=14.5km az=347.0

DJA 20 06:50:40.0.4.0.3, 5.7S: 142.12E, h10km, M4.8/7, mb4.9/2, MLv4.8/7

ISC 20 06:50:39.4.0.7, 3.01S: 0.08:142.60E:0.08, h27km, n39, s134/40, mb4.2/11, Near north coast of New Guinea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

WEL 20 06:56:28.5, 41.05S: 174.8E:0.7, h8km, 1km, M2.9/15, ML3.2/15, MLv2.9/15, Error ellipse: s-maj=0.0km s-min=0.0km az=80.5, Cook Strait

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

ECX 20 06:57:02.1.1.1, 31.52N: 115.66W, h6km, 4km, MD2.1, ML2.3

MEX 20 06:57:03.5.0.3, 31.37N: 115.74W, h12km, MD3.6

ISC 20 06:57:00.8.0.9, 31.53N: 115.64W: 0.03, h14km, 9km, n18, s062/31, 5C-5D, Baja California

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

DJA 20 07:24:07.3.1.2, 8.5S: 107.7E, h12km, 2km, M4.3/13, mb4.6/7, mb5.5/3, MLv4.1/13, Mw(mbc)5.0/3, Jawa

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

NNC 20 07:31:23.9.3.8, 37.85N: 81.67E, h0km, mb4.4, mpv4.2, Error ellipse: s-maj=29.6km s-min=24.2km az=8.0

ICC 20 07:31:26.9.0.7, 36.66N: 82.56E, h0km, mb3.9/15, mb1 4.0/21, mb1mx3.8/65, mbtmp3.9/21, ML3.6/6, Error ellipse: s-maj=19.6km s-min=12.6km az=41.0

BUI 20 07:31:26.4.0.0, 36.52N: 82.54E, h7km, mb3.9/10, ML4.4/6, Ms3.9/1, Mst3.9/2

ISC 20 07:31:32.0.0.6, 36.64N: 0.06:82.52E:0.06, h35km, n53, s1964/59, mb3.9/15, 11C-7D, Southern Xinjiang

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, YKA Yellowknife Ar.

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

IGQ 20 07:45:53:1.3, 3.3, N11.1 x 8.6W1.2, h10km
IDC 20 07:46:18.9, 0.8, 2.37N, 84.50W, h0km, mb4.4/13,
mb1.4, 0.19, mb1mx4.5/6, mbtmp4.5/19, ML3.4/5, MS4.1/22,
MS1.4/122, MS2.9/1003/1, Error ellipse: s-maj=23.2km
s-min=13.4km az=49.0

NEIC 20 07:46:20.5, 1.8, 2.32N, 0.07:84.49W, 0.07, h10km, 1km,
mb4.8/67, Error ellipse: s-maj=13.2km s-min=11.4km
az=234.0

GCMT 20 07:46:23.5, 0.3, 2.28N, 0.01:84.43W, 0.02, h18km, 1km,
MW5.0/112, Moment Tensor Solution. s24, c26;
s112, c158; Duration: 0. Moment tensor: Scale 10^16Nm;
Mn=0.44±.13; M0=0.39±.27; Best double couple:
M03.83900x10^17, NP1.169.000000, delta74.000000,
1-174.000000, NP2.9.9700000, delta4.000000,
1-16.000000. Principal axes: T 3.9740, P1g7.0000,
Az=144.0000, N -0.2660, P1g73.0000, Azm258.0000;
P -3.7040, P1g15.0000, Azm52.0000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 20 07:46:22.7, 0.4, 2.31N, 0.06:84.50W, 0.06, h26km, n291,
c1909/282, mb4.8/11, MS4.2/18, Off coast of central
America

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAB1 Cabo Pasado-Ma, WRA Warramunga Arr, ASAR Alice Springs, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HUMP Col San Antoni, MTP Monte Pirata, PTGA Pitanga, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WUAZ Wupatki, GLA Glamis, ISCO Idaho Springs, etc.

Table with columns: SRIG, SRIG, SRIG, GUYB, HSG, HSG, HSG, HSG, BAHB. Includes station names like Santa Rosalia, Guaymas, Bahia de los.

IDC 20 09:00:36.3-0.8, 39.59N; 143.85E, h0km, mb3.7/15, m1 3.9/20, mb1mx3.7/54, mbtmpp3.7/20, ML3.0/5, MS3.4/1, Ms1 3.4/1, ms1mx3.6/46, Error ellipse: s-maj=19.0km s-min=16.2km az=152.0

NEIC 20 09:00:39.0-2.3, 39.72N; 0.04-143.6E; 0.1, h10km, 1km, mb4.2/9, Error ellipse: s-maj=14.3km s-min=5.2km az=113.0

JMA 20 09:00:41.1-0.2, 39.76N; 143.59E, h43km, M3.7, NIED 20 09:00:41.2, 39.76N; 143.59E, h43km, M3.7, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn:0.97, Mw:0.06, Mb:1.04, Ml:0.08, Mb:0.36, Mw:0.53; Fault plane solution: M1.19000x1015 N/190.0x1015 E/4.00000, s59.00000, l75.00000. NP2:211.00000, s34.00000, l112.00000

ISC 20 09:00:37.0-0.6, 39.76N; 0.05-143.72E; 0.06, h6km, n60, s135/65, mb3.9/18, Off east coast of Honshu

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

NOU 20 09:03:56.1, 22.645S; 170.41E, h0km, MLv4.1, Southeast of Loyalty Islands; Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations for the Noumea region.

IDC 20 09:08:12.9-0.5, 22.81S; 13.30W, h0km, mb4.8/21, m1 4.9/21, mb1mx4.0/40, mbtmpp4.8/21, MS4.4/22, Ms1 4.4/22, ms1mx4.3/26, Error ellipse: s-maj=17.9km s-min=14.0km az=152.0

MOS 20 09:08:13.7-1.0, 22.76S; 13.29W, h10km, mb5.4/42, Error ellipse: s-maj=13.1km s-min=6.7km az=64.0

BUI 20 09:08:14.0-0.0, 22.70S; 13.40W, h10km, mb5.6/2, Ms5.1/4, Ms7.4/9/4

NEIC 20 09:08:15.1-1.4, 22.85S; 0.1-13.30W; 0.1, h10km, 1km, mb5.2/98, Error ellipse: s-maj=18.6km s-min=17.3km az=155.0

GCMT 20 09:08:17.1-0.1, 22.69S; 0.1-13.29W; 0.1, h12km, MW5.2/142, Moment Tensor Solution. s99, c133, s142, c244; Duration: t=10 Moment tensor: Scale 1017

Nm: M-0.87±.01; Mw: 0.10±.01; Mw: 0.96±.01; M0: 1.0±.04; Mw: 0.03±.01; Mw: 0.07±.03; Best double couple: Mo.92900x1017 N/190.0x1015 E/4.00000, l-1.000000, NP2:2188.00000, s48.00000, l-81.00000. Principal axes: T 0.9720, Plg2.0000, Azm272.0000; N -0.0850, Plg7.0000, Azm2.0000; P -0.8870, Plg83.0000, Azm163.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 20 09:08:27.7-0.0, 20.94S; 10.98W, h10km, mb5.1, ISC 20 09:08:27.7-0.0, 22.76S; 0.07-13.29W; 0.06, h10km, n456, l18.64/47, mb5.2/132, MS4.6/29, 30C-14D, Southern Mid-Atlantic Ridge

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BFO, OBKA, BOVS, KBA, SOKA, FUR, RJOB, STU, WLF, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PLOK, LANS, LANS, LANS, LANS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like S57A, G60A, K59A, L58A, E60A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKA Yellowknife Arr, MOD Modoc Plateau, TBI Tubuai, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NNC 2009:28:51.8,1.4,51.57N,75.42E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 2009:32:15.8,1.9,1.94N,126.98E, etc.

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

ISC 20 09:39:15.3,1.2,49.13N,0.05:18.81E,0.05,h13km,13km, n5,097/10,Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LANS Liptovska Anna, KOLL Kolacno, etc.

NIED 20 09:46:20.9,39.48N,143.80E,h10km,MW4.1,Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JMA 20 09:46:20.9,39.48N,143.80E, etc.

ISC 20 09:46:22.4,0.8,39.53N,143.61E,h10km,mb4.5/2, Error ellipse: s-maj=8.5km s-min=5.4km az=109.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 20 09:46:22.4,0.8,39.53N,143.61E, etc.

ISC 20 09:46:24.2,1.8,39.53N,143.62E,0.05,h12km,10km, n171,01942/175,mb4.3/47,5C-1D,Off east coast of Honshu

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

GLVR comp=Z,167nm,0.5s pmax pmax

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLVR comp=N,143nm,0.6s pmax pmax, etc.

GLVR comp=N,2,1um,1.8s 4.44 252 Pn Pn 09 47 31.8 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JSD Sado, JKA Kamikawa-asahi, etc.

GLVR comp=N,2,1um,1.8s 4.44 252 Pn Pn 09 47 31.8 +0.4

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

GRPR comp=Z,125nm,0.4s pmax pmax

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GRPR comp=N,86nm,0.2s smax smax, etc.

TEY Ternei 7.57 319 eP Pn 09 48 17.7 +3.4

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

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

ZEA Zeya 18.05 327 eP Pn 09 50 33.4 -1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZEA comp=Z,10.0nm,0.8s pmax pmax, etc.

MA2 Magadan 20.57 10 P Pn 09 51 03.9 -1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MA2 comp=Z,200nm,16.0s pmax pmax, etc.

BJI Beijing 21.07 280 P Pmax 09 51 06.0 -2.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BJI comp=Z,6.0nm,0.8s pmax pmax, etc.

HHC Hu-ho-hao-te 24.45 283 eP P 09 51 43.8 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HHC comp=Z,16nm,1.0s pmax pmax, etc.

WHN Wuhan 25.50 258 P P 09 51 51.8 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WHN comp=Z,250nm,15.3s pmax pmax, etc.

SONM Songrio Array 27.95 300 P P 09 52 14.2 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM comp=Z,2.0nm,0.7s, baz=98,slow=8.2,SNR=5.3 pmax pmax, etc.

H1N1 WAKE ISLAND Hy 28.14 128 T T 10 21 49.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H1N1 WAKE ISLAND Hy 28.14 128 T T 10 21 49.6, etc.

YAN Xian 28.21 270 pP pWp pmax 09 52 16.9 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YAN comp=Z,6.0nm,1.2s pmax pmax, etc.

H1S1 WAKE ISLAND Hy 28.94 130 T T 10 22 45.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H1S1 WAKE ISLAND Hy 28.94 130 T T 10 22 45.1, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like SHLS, BMAR, KPKS, SATY, CHKK, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CROK, KAN14, KAN10, etc.

Main table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like OKCSW, OK030, FNO, T35A, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like KU6, baz=171, KU6, comp=Z,10nm,0.2s, etc.

HEL 20 10:59:06.0.0.1, 64.67N, 30.65E, h0km, ML2.0, Explosion KOLA 20 10:59:06.9, 64.68N, 30.45E, h0km, ML2.5, Kostomuksha, Finland

IDC 20 11:09:11.1.0.7, 39.94N, 142.56E, h0km, mb4.0/18, mb1 4.2/24, mb1mx4.1/46, mbtmp4.0/24, ML3.2/6, MS3.5/15, Ms1 3.6/15, ms1mx3.3/58, Error ellipse: s-maj=19.0km s-min=14.2km az=107.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like JTH, JKEN, MIJY, etc.

MEX 20 12:15:55.0, 7.0, 18.49N, 95.90W, h24km, 15km, MD4.3, NEIC 20 12:15:55.4, 2.7, 18.50N, 0.07-95.99W, 0.04, h50km, 25km, Error ellipse: s-maj=10.7km s-min=5.1km az=185.0

ISC 20 12:15:51.6, 1.0, 18.44N, 0.05-95.94W, 0.04, h10km, n23, a=142.42, Veracruz

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Toxpalan, Tehuacfan, Vista Hermosa, Matias Romero, Huajuapán de L, etc.

ISC 20 12:24:31.2, 2.0, 30.20S, 177.73W, h0km, mb4.2/3, mb1 4.2/4, mb1mx3.9/25, mbtmpt4.1/4, ML3.5/1, Error ellipse: s-maj=47.5km s-min=18.7km az=104.0

NEIC 20 12:24:32.1, 1.6, 30.23S, 0.07-177.77W, 0.2, h10km, 1km, mb4.3/12, Error ellipse: s-maj=27.4km s-min=11.1km az=90.0

ISC 20 12:24:35.7, 1.4, 30.26S, 0.07-177.77W, 0.2, h33km, n31, a=127/23, mb3.7/7, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Raoul Island, Urewera, Black Stump Fm, Birch Farm, etc.

ISC 20 12:28:38.2, 0.9, 22.38S, 68.41W, h98km, 13km, mb3.4/2, mb1 3.4/4, mb1mx3.2/27, mbtmpt3.6/4, Error ellipse: s-maj=43.8km s-min=28.8km az=127.0

GUC 20 12:28:38.7, 0.7, 22.29S, 68.58W, h109km, 4km, ML3.4

ISC 20 12:28:38.7, 0.9, 22.33S, 0.05-68.57W, 0.08, h113km, 7km, n18, a=190/31, 7C, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Limon Verde, IPOC Station P, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Punta Pataca, IPOC Station P, Diego Aracena, Humberstone, etc.

ISC 20 12:40:10.0, 0.2, 8.2171S, 67.96W, h114km, 14km, mb3.9/2, mb1 3.6/4, mb1mx3.3/22, mbtmpt4.0/4, Error ellipse: s-maj=32.9km s-min=12.2km az=112.0

GUC 20 12:40:11.0, 0.7, 21.68S, 68.40W, h136km, 4km, ML3.7

ISC 20 12:40:09.9, 0.9, 21.63S, 0.04-68.32W, 0.08, h134km, 9km, n20, a=195/36, 7C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IPOC Station P, Limon Verde, Punta Pataca, etc.

NEIC 20 12:44:04.5, 2.0, 7.05S, 0.1-154.73E, 0.08, h50km, 9km, mb4.6/23, Error ellipse: s-maj=15.8km s-min=10.5km az=205.0

ISC 20 12:44:06.2, 2.9, 7.21S, 154.74E, h72km, 27km, mb3.9/10, mb1 4.1/13, mb1mx3.9/31, mbtmpt4.2/13, MS3.5/14, Ms1 3.5/14, ms1mx3.3/36, Error ellipse: s-maj=24.0km s-min=17.4km az=155.0

DJA 20 12:44:11.1, 5.0, 7.5S, 154.74E, h100km, 12km, MA4.7/7, mb4.1/7, MLV4.6/3

ISC 20 12:44:03.6, 0.6, 23.70S, 0.08-154.79E, 0.08, h41km, n53, a=132/46, mb4.5/23, MS3.5/12, Bougainville-Solomon islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Rabaul, Honiara, Port Moresby, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Fitzroy Crossi, Baumata, Kappang, Rata Peaks, etc.

ISC 20 12:53:40.2, 2.6, 18.92N, 147.01E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.6/49, mbtmpt4.0/5, ML4.0/1, Error ellipse: s-maj=114.5km s-min=28.2km az=93.0

NEIC 20 12:53:44.1, 1.1, 18.9N, 0.1-146.2E, 0.2, h10km, 2km, mb4.1/4, Error ellipse: s-maj=33.0km s-min=11.4km az=60.0

ISC 20 12:53:49.7, 2.6, 18.7N, 0.1-146.3E, 0.7, h64km, n11, a=176/11, mb3.9/6, Mariana Islands

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

NEIC 20 12:56:31.4, 1.6, 39.45N, 0.07-143.8E, 0.1, h10km, 2km, mb4.1/7, Error ellipse: s-maj=21.1km s-min=6.1km az=117.0

ISC 20 12:56:32.6, 1.5, 39.62N, 143.49E, h8km, mb3.7/8, mb1 3.8/13, mb1mx3.7/10, mbtmpt3.7/13, ML3.1/14, MS3.5/5, Ms1 3.5/13, ms1mx3.0/37, Error ellipse: s-maj=33.5km s-min=19.0km az=153.0

JMA 20 12:56:35.2, 0.4, 39.61N, 143.43E, h38km, M3.9

NIED 20 12:56:35.3, 39.61N, 143.43E, h38km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14N; M6:2.5; M6a:0.71; M6b:5.53; M6c:2.83; M6d:2.18; M6e:4.27; Fault plane solution: M6: 1.3000x10^14 NP1: 2.2900000, 665.00000, 197.00000; NP2: 193.00000, 326.00000, 2.76.00000

ISC 20 12:56:34.4, 0.8, 39.62N, 0.06-143.44E, 0.08, h10km, n62, a=110/60, mb4.0/14, MS3.9/3, East coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Miyakonagasawa, Takeda, Funato, etc.

Table with columns: ATVO, comp=N,73um,0.3s, AML, AML, etc. Includes stations like Monte Val, Casa Cast, Miggiano, etc.

IDC 20 13:31:19.6:2.6,3.29N-94.78E,h0km,mb3.7/3,mb1 3.7/5,mb1mx3.4/4.2,mbtmp3.6/5,ML3.1/1, Error ellipse: s-maj=80.5km s-min=29.9km az=51.0, Off west coast of northern Sumatra

JMA 20 13:52:04.5:0.1,22.63N:121.51E,h8km,2km,M3.6
IDC 20 13:52:06.5:2.8,21.70N:120.03E,h0km,mb3.4/4,mb1 3.6/4,mb1mx3.4/4.4,mbtmp3.4/4,MS3.1/2,Ms1 3.1/2,ms1mx2.6/28, Error ellipse: s-maj=285.5km s-min=23.8km az=62.0

TAP 20 13:52:07.0,22.68N:121.35E,h25km,ML3.8,B
ISC 20 13:52:07.1:0.8,22.65N:121.41E:0.02,h24km,5.5km,n142,σ11/221,mb3.5/4.5C-14D,Taiwan region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Prapat, Chiang Mai Arr, MKAR, ASAR, ZALV, etc.

Main station list table with columns: STYT, Tauyuan, Xindi, SSPT, HGSD, etc. Includes stations like Tauyuan, Xindi, SSPT, HGSD, etc.

Main station list table with columns: WNT1, Nantou City, WNT1, etc. Includes stations like Nantou City, WNT1, etc.

20d 15h

ASAR Alice Springs 47.61 164 P P 14 00 40.6 +0.6
MMAI Mount Meron Arr 74.83 300 LR LR 14 41 14.8

LJU 20 13:53:41.9,45:74N:14:06E,h13km,ML0.6,
Northwestern Balkan Peninsula
Code Station Name Az Az Phase ID Time Res

VIE 20 13:54:03.0,0.2,46:56N:12:55E,h14km,3km,mb1.4/5,
m12.0/14, Error ellipse: s-maj=1.6km s-min=0.7km az=14.0

ROM 20 13:54:02.0,0.2,46:51N:00:07E:12:55E:0.009,
h5km,1km,ML1.8/5,2C-2D, Error ellipse: s-maj=0.8km

Code Station Name Az Az Phase ID Time Res
CSMI Casera Minoias 0.07 90f eP P 13 54 02.0 +0.4

CIMO Cimoias 0.22 201f eP P 13 54 07.0 +0.7

CLUD Cludnicio 0.23 104f eP P 13 54 07.3 +0.7

ABTA Abfaltersbach 0.24 353 f P P 13 54 07.4 +0.7

STAL STALIGIAL 0.27 157 P P 13 54 07.9 +0.5

CASSO Casso 0.29 214f eP P 13 54 12.4 +1.4

FUSE Fusea 0.32 107 eP P 13 54 09.2 +0.8

MLNI Malnisio 0.36 174 eP P 13 54 09.9 +0.8

MPRI Monte Prat 0.40 132 eP P 13 54 15.4 +1.5

PLRO Paularo 0.41 85 eP P 13 54 16.9 -1.2

POLC Polcenigo 0.49 184 P P 13 54 13.5 +0.5

RISI Rein 0.55 323 P P 13 54 19.9 -0.5

BAD Bernadia 0.56 120 eP P 13 54 13.7 -0.5

PTCC Patocca-Chiusa 0.55 101 P P 13 54 13.7 -0.7

PTCC Patocca-Chiusa 0.55 101 P P 13 54 22.9 -0.4

PTCC Patocca-Chiusa 0.55 101 P P 13 54 22.9 -0.4

PTCC Patocca-Chiusa 0.55 101 P P 13 54 22.9 -0.4

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PTCC Patocca-Chiusa 0.55 101 P P 13 54 22.9 -0.4

2015 FEB

CTA Charters Tower 34.35 280 P P 14 07 59.3 +0.4
STKA Stephens Creek 34.67 258 P P 14 08 01.1 -0.5
ASAR Alice Springs 43.47 268 P P 14 09 16.1 +0.8

IDC 20 14:06:24.0,3.3,11:05S:164:93E,h0km,mb3.7/3,
mb1 4.0/4,mb1mx3.6/3,mbtmp3.8/4,ML3.6/1,MS3.1/3,

HNR Honiara 5.16 288 LR LR 14 09 46.5

DZM Mont Dzumac 11.06 173 P P 14 09 03.7 +0.1

PMG Port Moresby 17.57 274 LR LR 14 16 45.0

WRA Warramunga Arr 30.78 273 P P 14 12 41.0 -0.2

ASAR Alice Springs 32.03 243 P P 14 12 53.1 +0.1

PSI Prati 67.08 278 LR LR 14 49 34.4

MKAR Makanchi Array 92.98 317 P P 14 19 39.4 -0.1

IDC 20 14:20:54.6,0.8,6:66N:73:06W,h158km,11km,mb2.7/1,

RSNC 20 14:20:55.6,1.1,6:72N:73:34W,h136km,4km,ML3.3,

IDC 20 15:08:29.7,1.4,39:74N:143:75E,h0km,mb3.7/5,

JMA 20 15:08:33.2,0.3,39:89N:143:61E,h28km,ML3.6,

NIED 20 15:08:33.3,39:89N:143:61E,h28km,ML3.6,

Code Station Name Az Az Phase ID Time Res

BARC Barichara 0.19 142f P P 14 21 14.2 +0.3

BRRC Barranca, Sant 0.54 311 f P P 14 21 16.0 +1.0

PAMC Pamplona, Colo 0.84 45f eP P 14 21 18.4 +1.0

RUSC La Rusia 0.87 166 f P P 14 21 17.8 0.0

PTBC PUERTO BERRIO, 1.17 260f eP P 14 21 19.6 -0.2

SPBC San Pablo de B 1.33 215f eP P 14 21 21.9 +0.5

OCAC Ocana 1.48 359f eP P 14 21 24.1 +1.0

TAMC Tame, Arauca 1.53 102f P P 14 21 24.4 +0.9

NORC Norcasia 1.95 233 eP P 14 21 28.6 +0.5

CHIC Chingaza 2.15 192f eP P 14 21 59.2 -0.1

ROSC El Rosal 2.15 208 P P 14 21 32.3 +2.4

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

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ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

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ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

ROSC El Rosal 2.15 208 eP P 14 21 32.4 +3.3

972

IDC 20 14:28:39.2,3.1,31:28S:177:43W,h0km,mb4.0/3,

Kermadec Islands region

Code Station Name Az Az Phase ID Time Res
URZ Urewera 8.29 211 P P 14 30 40.6 0.0

IDC 20 14:31:10.9,1.7,10:57S:164:38E,h0km,mb3.6/4,

Code Station Name Az Az Phase ID Time Res

HNR Honiara 4.42 285 P P 14 32 18.8 -1.3

DZM Mont Dzumac 11.59 170 P P 14 33 57.9 -0.6

WRA Warramunga Arr 30.29 249 P P 14 37 25.8 +1.7

GUMO Guam 30.80 321 LR LR 14 44 20.0 -0.8

ASAR Alice Springs 31.71 242 P P 14 37 37.2 +0.5

ILAR Eilsion Array 83.57 19 P P 14 43 39.9 -0.4

MKAR Makanchi Array 92.22 317 P P 14 44 23.3 +0.8

IDC 20 15:08:29.7,1.4,39:74N:143:75E,h0km,mb3.7/5,

JMA 20 15:08:33.2,0.3,39:89N:143:61E,h28km,ML3.6,

NIED 20 15:08:33.3,39:89N:143:61E,h28km,ML3.6,

Code Station Name Az Az Phase ID Time Res

JTH Yanohata 1.42 275 P P 15 08 56.4 -0.4

MJV Miyakonagasawa 1.47 261 P P 15 08 57.8 +0.2

JKEN Kujedandarisa 1.57 285 P P 15 08 58.5 -0.5

JANG Nango 1.76 289 P P 15 09 01.4 -0.2

JANG Ohasama 1.89 260 P P 15 09 02.5 -1.3

JMK Ichinoseki 2.11 246 P P 15 09 06.9 +0.6

JOT Urakawa-nobuka 2.56 344 P P 15 09 10.8 +1.4

JNBK Kaneyama 2.74 252 P P 15 09 14.2 +0.6

JYK Chuyui 2.80 355 P P 15 09 16.0 +0.1

JCH Kibari 2.85 316 P P 15 09 17.9 +0.8

JKB Akkeshi 3.26 13 P P 15 09 22.4 +0.2

JAK Furan 3.44 346 P P 15 09 25.1 +0.5

JFR Anishorobuto 3.46 331 eP P 15 09 25.5 -0.3

JAR Eniwo 3.47 1 P P 15 09 24.8 -0.3

JAR Otama 3.50 230 P P 15 10 03.6 -2.6

JFT Otama 3.50 230 P P 15 10 05.6 -1.2

ASAJ Ashikawa 4.37 350 P P 15 09 38.6 +1.1

ASAJ Matsushiro 5.42 235 P P 15 09 53.7 +1.7

MAT Matsushiro 5.42 235 P P 15 10 53.6 -0.8

USRK Suriyushiro 9.75 300 eP P 15 10 53.6 +2.4

KSRK Korea Array 12.56 264 P P 15 11 34.8 +5.0

KLR Kuldu 12.68 322 P P 15 11 31.0 -0.3

SEY Seymchan 23.72 10 P P 15 13 44.4 +1.5

ZALV Zalesovo Beam 41.43 310 P P 15 16 18.0 +0.6

MKAR Makanchi Array 44.22 300 P P 15 16 41.2 +1.0

WRA Warramunga Arr 60.09 190 P P 15 18 39.1 +0.8

ASAR Alice Springs 63.82 190 P P 15 19 01.9 -1.5

NHC 20 15:12:07.1,4.5,37:20N:71:13E,h0km,mb4.1,mpv3.7,

IDC 20 15:12:03.2,2.1,36:65N:10:17.3E:0.2,h11km,n5,

Code Station Name Az Az Phase ID Time Res

DHRM DHARAMSHALA 6.04 135 eP P 15 13 32.5 +1.2

DHRM Dharamshala 6.04 135 eP P 15 14 37.4 -0.8

DHRM Dharamshala 6.04 135 eP P 15 14 40.5

KK31 Karatay Array 6.48 355 f P P 15 13 37.0 +1.0

AAK Ala-Archa 6.48 22 f P P 15 13 37.1 +1.0

AAK Ala-Archa 6.48 22 f P P 15 14 48.7 0.0

TKM2 Tokmak 2 7.10 27 f P P 15 13 45.6 +1.0

SMLA Simla 7.37 137 eP P 15 13 48.6 +0.5

SMLA Simla 7.37 137 eP P 15 15 06.6 -3.6

SMLA Simla 7.37 137 eP P 15 15 10.8

SMLA Simla 7.37 137 eP P 15 15 11.5

IDC 20 15:23:07.4,1.8,35:49N:141:68E,h0km,mb3.5/3,

JMA 20 15:23:11.4,1.4,35:52N:141:41E:0.1,h25km,n18,

Code Station Name Az Az Phase ID Time Res

CHJO Chosi 0.48 292 P P 15 23 20.3 -1.0

CHJO Chosi 0.48 292 P P 15 23 27.3 -0.6

JIHU Jituhorinouch 0.85 302 P P 15 23 27.4 -0.3

BSO4 Boso 4 1.02 239 P P 15 23 29.8 -0.2

BSO3 Boso 3 1.02 226 P P 15 23 28.7 -1.3

JYT Yasato 1.22 306 S P 15 23 48.8 +0.4

MMAR Matsuuro Arr 2.79 292 P P 15 23 56.4 +2.0

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Marumori, Ashikaga, Yanaizu, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Kuninging, Chiang Mai, Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Kul'dur, Songino Array, Talaya, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHYU Hitachinakayam, JHO Hitachi, JHT Iwakimizuishiy, etc.

NEIC 20 17:19:44.6±1.7, 20:67S±0.07; 177.6W±0.1, h480km±8km, mb4.4/24, Error ellipse: s-maj=18.5km s-min=8.8km

IDC 20 17:19:47.8±7.6, 20:64S±1.77; 84W, h503km, 79km, mb3.2/8, mb1 3.8/8, mb1mx3.2/33, mbtmp4.1/8, Error ellipse: s-maj=75.4km s-min=34.2km az=152.0

ISC 20 17:19:46.3±0.6, 20:65±0.1; 177.67W±0.10, h500km±n40, 1944/41, mb4.4/18, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, NIUE Afiatama, OUZ Omahuta, etc.

IDC 20 17:28:07.6±4.6, 37.38N±72.10E, h171km±33km, mb3.7/2, mb1 3.8/8, mb1mx2.9/59, mbtmp3.8/8, Error ellipse: s-maj=59.5km s-min=22.4km az=144.0

NIC 20 17:28:14.8±10.0, 36.04N; 72.27E, h10km, mb3.9, mpv3.3, Error ellipse: s-maj=76.9km s-min=56.3km az=122.0

ISC 20 17:28:11.8±1.7, 37.7N±0.1; 171.9E±0.1, h200km±n12,

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

TAP 20 17:28:28.2±54N, 123.00E, h75km, ML2.5, D JMA 20 17:28:29.0±1.2, 46N, 122.93E, h73km±1km, M1.5

ISC 20 17:28:30.0±1.3, 24.46N±0.04; 122.94E±0.03, h66km±8km, n67, 1905/119, 3C-4D, Taiwan region

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

IDC 20 17:37:22.2±2.1, 7.55S; 128.85E, h138km±22km, mb3.2/3, mb1 3.6/8, mb1mx3.4/35, mbtmp4.0/8, MS3.2/1, Ms1 3.2/1, ms1mx2.3/19, Error ellipse: s-maj=23.7km s-min=19.8km az=113.0

ISC 20 17:37:20.6±0.8, 7.67S±0.06; 129.02E±0.09, h131km±n9, 3539/13, mb3.5/3, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI Baumata, BATI Baumata, SIJI Sorong, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DPDB Guoxing, DPDB Guoxing, WCS Beiang Elemen, etc.

IDC 20 17:38:49.4±1.8, 4.18N; 15°12'7E, h31km±5km, M4.3/8, mb4.4/4, mb4.7/1, MLV4.2/Mw(MB)3.9/1

ISC 20 17:38:54.5±1.6, 3.73N±0.05; 126.42E±0.10, h53km±n10, 1953/12, 1D, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGSI Sangihe, SGSI Sangihe, TMTI Ternate, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like Sado Ternei, Katsushina, and various international services.

2015 FEB

Table with columns for station code, name, frequency, and signal strength. Includes stations like ZEA, DL2, MA2, and various international services.

20d 19h

Table with columns for station code, name, frequency, and signal strength. Includes stations like ULN, TPUB, QZH, and various international services.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like SORM Soroca, KMY Karmoy, PMPC Manual Prospec, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like KECS Kecovo, PDMCI Parker Dam, OSTC Ostas, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like BUCO Bochum-Univer, SDCO Great Sand Dun, GRF Grafenberg Arr, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DAVA, KJUV, RIC1, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like D61A, D67A, D67A, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MCWV, Q53A, K62A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Obara, Inuyama, Kuroka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSRS Korea Array, KSAR Wonju Array, ERM Erimo, etc.

IDC 20:20:37:15.8:1.9,50.00N:28.89W,h0km,mb3.4/4, mb1 3.7/4,mb1mx3.3/5.1,mbtmp3.5/5.0, Error ellipse: s-maj=64.8km s-min=30.3km az=8.0, Northern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESDC Sonseca Array, PDAR Pinedale Array, KURBB Kurchatov Arr, etc.

VAO 20:20:53:26.5:1.8,14.75S:76.68W,h10km,mb4.4, IDC 20:20:53:34.6:1.1,15.07S:75.68W,h0km,mb3.9/6, mb1 4.1/9,mb1mx3.9/4.4,mbtmp4.1/9,ML3.9/3,MS3.2/5, Ms1 3.2/5,ms1mx3.0/3.0, Error ellipse: s-maj=34.8km s-min=21.6km az=55.0

NEIC 20:20:53:38.8:1.1,15.22S:0.09:75.9W:0.1,h36km,6km, mb4.3/5, Error ellipse: s-maj=17.5km s-min=8.6km az=4.0

ISC 20:20:53:37.5:0.7,15.12S:0.07:75.8W:0.1,h29km,n52, c1561/51,mb3.9/6,Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNA Nana, PB16 IPOC Station P, PSGC Pisagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ETMB Extrema, GO02 Mina Guanaco, AC01 Pina de Azucar, etc.

IDC 20:20:56:59.8:1.6,135N,126.26E,h0km,mb3.4/4, mb1 3.7/5,mb1mx3.3/5.4,mbtmp3.5/5.0,ML3.3/1, Error ellipse: s-maj=119.8km s-min=20.0km az=68.0, Northern Molucca Sea

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, etc.

BUI 20:21:05:51.2:0.0,39.94N:143.41E,h7km,mb5.0/52, mb4.8/75,Ms4.5/66,Ms7.4/3/62

NIED 20:21:05:54.5:39.94N:143.54E,h31km,MW4.6,Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn6:16; Mo6:1.41; M06:7.57; Mn3:13; Mo3:2.49; Mo3:3.84; Fault plane solution: Mo8.820000*1015 NP1:31.000000, d63.000000,1.09.000000. NP2:174.000000, d32.000000, 1.57.000000.

NEIC 20:21:05:55.0:1.8,39.79N:0.06:143.6E:0.1,h21km,4km, mb4.8/87, Error ellipse: s-maj=12.2km s-min=7.5km az=115.0

MOS 20:21:05:54.8:1.1,39.91N:143.57E,h32km,mb5.0/26, Error ellipse: s-maj=6.5km s-min=4.1km az=110.9

JMA 20:21:05:54.5:0.2,39.94N:143.54E,h31km,M4.7, IDC 20:21:05:56.5:4.2,39.83N:143.60E,h32km,31km,mb4.3/34, mb1 4.4/40,mb1mx4.2/69,mbtmp4.5/40,ML3.8/6,MS4.0/18, Ms1 4.0/18,ms1mx3.7/41, Error ellipse: s-maj=13.6km s-min=10.9km az=127.0

BGR 20:21:05:59.7:0.0,40.01N:143.53E,h33km,mb4.7, GCMT 20:21:06:02.0:0.6,39.90N:0.04:143.84E:0.05,h31km,1km, MW4.8/65, Moment Tensor Solution. s19,c20; s65,c89; Duration: 0 Moment tensor: Scale 1019Nm; Mr2.14z;19; M00:0.52z:12; M00:1.62z:12; M00:31z:14; M00:0.60z:07; Ms1:1.26z:10; Best double couple: M1:2.3930z:10; NP1:207.000000, d29.000000, 1.98.000000. NP2: 0:19.000000, d61.000000, 1.86.000000. Principal axes: T 2.5290,Plg73.000000, Azm278.000000; N -0.2700, Plg4.000000, Azm21.000000; P -2.2570,Plg16.000000, Azm12.000000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20:21:05:54.6:0.9,39.86N:0.04:143.61E:0.04,h23km,5km, n400,11.66/401,mb4.7/143,MS4.3/30,27C-17D, Off east coast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRPR comp=E,191nm,0.3s, GRPR comp=Z,289nm,0.3s, GRPR comp=E,2um,0.4s, etc.

Table with columns: BKZ, comp-Z, Range, Time, Res, Iamb, P, etc. Includes entries like Quartz Range, Nelson, Tuamarina, etc.

Table with columns: QRZ, comp-Z, Range, Time, Res, Iamb, P, etc. Includes entries like Nelson, Tuamarina, Tophouse, etc.

Table with columns: KHC, CKRC, GERES, CONA, SOKA, KBA, WATA, RETA, WTTA, MYKA, SQTA, ABTA, FETA, ESDC, TORD, etc. Includes various station and event details.

ADC 20 21:31:57.0.1.0, 39°40'N, 144°10'E, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.4/31, mbmtmp3.6/3, Error ellipse: s-maj=17.5km s-min=12.9km az=91.0

ADC 20 21:31:58.0.1.0, 39°38'N, 143°83'E, h23km, M3.7, JMA 20 21:31:58.0.1.0, 39°38'N, 143°83'E, h23km, M3.7, NIED 20 21:31:58.8, 39°38'N, 143°83'E, h23km, MW3.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn:1.75; M0:0.53; M00:-2.28; M02:0.20; M03:-2.3; M09:0.90; Fault plane solution: Ms:2.30000x10^14 NP1:9.00000, -6.57.00000, -1.96.00000. NP2:0.179.00000, -6.33.00000, 0.81.00000

ADC 20 21:49:42.0.1.8, 37°57'N, 142°87'E, h0km, mb3.5/3, mb1 3.6/5, mb1mx3.3/52, mbmtmp3.5/5, ML2.6/2, Error ellipse: s-maj=48.4km s-min=24.1km az=72.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Miyakonagasawa, Tanohata, etc.

BUI 20 21:41:02.0.0.0, 15°10'S, 174°70'W, h544km, mB5.0/4, mb4.6/4, ADC 20 21:41:34.2.4.1, 17°88'S, 178°52'W, h515km, 4.7km, mb3.8/1.4, mb1 4.0/15, mb1mx3.7/34, mbmtmp4.6/15, Error ellipse: s-maj=19.9km s-min=18.5km az=126.0

NEIC 20 21:41:37.1.2.0, 17°9S.0.1:178.4W.0.2, h57km, 10km, mb4.8/45, Error ellipse: s-maj=21.3km s-min=14.8km az=94.0

ADC 20 22:00:15.2.1.8, 43°69'N, 105°44'W, h0km, mb3.8/2, mb1 3.6/7, mb1mx3.5/42, mbmtmp3.5/7, ML3.4/5, MS4.1/1, MS1.4/1, ms1mx2.6/47, Error ellipse: s-maj=52.0km s-min=8.1km az=149.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Nonsavu, Funafuti, Raoul Island, etc.

ADC 20 21:41:38.8.0.4, 17°91'S, 170°17'W, h51W.0'08, h579km, n126, 0.1817/125, mb4.7/35, Fiji Islands region

20d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BBOO Buckleboob, STKA Stephens Creek, KMBO Kilima Mibogo, etc.

IDC 20 22:40:54.5:17.0, 11:39N:87.61W, h0km, mb3.8/3, mb1.4/1.3, mb1mx3.6/2.1, mbmtpp3.8/3, MS3.5/1, Ms1.3/5.1, ms1mx2.7/2.8, Error ellipse: s-maj=325.7km s-min=96.3km az=4.0

SNET 20 22:41:06.5:1.0, 12:17N:88.51W, h13km, 14km, ML3.2, UCR 20 22:41:06.5:1.0, 12:17N:88.51W, h2km, 17km, ML3.2, mb4.1(NEIC)

INET 20 22:41:07.5:1.2, 17N:88.41W, h12km, MW3.2, NEIC 20 22:41:08.3:1.6, 12:13N:0.07:88.44W, h35km, 2km, mb4.1/1.0, Error ellipse: s-maj=13.3km s-min=10.6km az=56.0

ISC 20 22:41:04.5:2.6, 12:10N:0.10:88.50W, h14km, n43, c1524/51, mb4.0/2.0, Df off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LCY Lacayo, RANC El Ranchito, PACA Pacayal, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LFRS El Faro, PMON Piomonte, JAYA Jayaque - finc, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WHAR Woolly Hollow, X34A Smith Ranch, U40A Yelville, etc.

GCG 20 22:50:47.0:0.3, 14:66N:94.57W, h50km, MD4.9, IDC 20 22:50:50.9:0.7, 14:66N:93.98W, h0km, mb4.3/1.7, mb1.4/1.9, mb1mx4.3/3.1, mbmtpp4.3/1.9, ML4.4/3, MS4.0/2.4, Ms1.4/0.24, ms1mx3.9/2.9, Error ellipse: s-maj=26.1km s-min=12.1km az=58.0

GCMT 20 22:50:55.9:0.5, 14:82N:0.03:93.73W, h0.05, h33km, MW5.0:48, Moment Tensor Solution, s39,c41, s48,c60, Duration: 0 Moment tensor: Scale 10^19Nm; Mr3.80±.23; Mw±0.27±.15; Mw-1.72±.17; Mw-0.34±.14; Mw-1.15±.09; Mw±0.29±.19; Best double couple: Mc3.45800±.1016 NP1±.311.00000±.841.00000±.90.00000±. NP2: ±.311.00000±.849.00000±.90.00000±. Principal axes: T 3.8290, Plg86.0000, Azm220.0000; N -0.7320, Plg0.0000, Azm311.0000; P -3.0870, Plg4.0000; Azm41.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rate function

MEX 20 22:50:56.6:1.0, 14:76N:93.78W, h12km, 13km, MD4.8, NEIC 20 22:50:56.9:3.0, 14:72N:0.05:93.79W, h0.05, h44km, 7km, mb4.7/2.59, Md4.8/2.6(MEX), Error ellipse: s-maj=8.1km s-min=6.0km az=207.0

SNET 20 22:50:59.2:1.8, 14:60N:93.57W, h30km, 999km, ML5.0, UCR 20 22:50:59.4:1.7, 14:63N:93.57W, h71km, 386km, ML4.6, mb4.7(NEIC)

ISC 20 22:50:56.8:1.8, 14:77N:0.04:93.78W, h0.03, h35km, n51.1, c157/488, mb4.7/1.17, MS4.0/2.4, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG Abilene, THIG Perchaven, WLAR White Oak Lake, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TGBT Tuxtla Gutierrez, CGIC Comitán, HUEH Huehuetenango, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CCAR Cane Creek, LRAL Lakeview Retire, LRAL Lakeview Retire, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and Signal. Includes stations like HODGE, U32A, UH3A, NHSC, HICK, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and Signal. Includes stations like WUAZ, WUPAKI, N35A, Q24A, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and Signal. Includes stations like RYN, WAKR, WKWR, LWKY, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like KLU Klutina, DOT Dot Lake, M24K Tolsona, Glenn Sand Creek, etc.

TAP 20 22:52:36.8, 21°39'N, 121°34'E, h181km, ML3.6, D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like LAY Lan-yu, LDUT Ludao, TSEB Hengchuen, etc.

Main table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like SLIU baz=292, SNW Nanwan, HEN Hengchun, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like CHNS baz=323, WHYT Xinyi Township, WHYT baz=333, etc.

FINES FINES Array B 90.02 26 PKJKP PKIKP 04 24 01.3 -1.7
WRA Warramunga Arr 138.96 254 PKP PKIKP 04 25 37.6 +0.4
ASAR Alice Springs 138.92 246 PKP PKIKP 04 25 36.5 -0.7

JMA 21 04:12:53.9.0.1, 39.38N:143.87E, h28km, M4.0
NIED 21 04:12:53.9, 39.38N:143.87E, h28km, MW3.7, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm;

ICC 21 04:12:54.0.1.3, 39.22N:143.74E, h0km, mb3.5/7,
mb1 3.7/10, mb1mx3.5/5, mbtmp3.5/10, ML3.3/2 Error
ellipse: s-maj=28.4km s-min=22.6km az=130.0

ISC 21 04:12:56.3.0.9, 39.35N:102.06:143.60E:0.07, h11km, n27,
+132/26, mb3.6/7, Off east coast of Honshu

Code Station Name A° AZ° Phase ID Time Res
MIYJ Miyakonagasawa 1.40 280 Op Pn 04 13 40.8 -0.5
MIYJ Tanohata 1.47 294 P Pn 04 13 21.9 -0.8
JTH Ofunato 1.52 261 P Pn 04 13 23.0 -0.5

ICC 21 04:23:53.1.1.1, 39.26N:143.74E, h0km, mb3.6/7,
mb1 3.8/11, mb1mx3.6/39, mbtmp3.6/11, ML3.0/4, MS3.0/2,
Ms1 3.0/2, ms1mx2.5/33, Error ellipse: s-maj=27.0km
s-min=21.8km az=146.0

NIED 21 04:23:53.0, 39.38N:143.87E, h38km, MW3.9, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm;

JMA 21 04:23:53.2.0.2, 39.38N:143.87E, h38km, M4.0
NEIC 21 04:23:54.8.0.9, 39.23N:107.143.8E:0.1, h10km, 1km,
mb4.1/6, Error ellipse: s-maj=16.4km s-min=10.6km
az=117.0

ISC 21 04:23:55.1.0.8, 39.35N:102.06:143.67E:0.08, h11km, n49,
+136/46, mb3.7/9, Off east coast of Honshu

Code Station Name A° AZ° Phase ID Time Res
MIYJ Miyakonagasawa 1.45 280 Op Pn 04 24 19.9 -1.4
MIYJ Tanohata 1.52 293 P Pn 04 24 20.8 -1.3
JTH Ofunato 1.58 261 P Pn 04 24 21.9 -1.1

ILAR Eielson Array 46.59 34 P P 04 32 22.8 +0.2
INK Inuvik 51.51 28 P P 04 33 00.1 -0.1
INK Inuvik 51.51 28 Iamb Iamb 04 33 02.8

ICC 21 04:47:05.2.1.2, 36.61N:97.04W, h0km, mb1 3.4/5,
mb1mx3.3/40, mbtmp3.1/5, ML3.3/5, Error ellipse:
s-maj=17.4km s-min=12.7km az=179.0

NEIC 21 04:47:08.3.0.7, 36.39N:102.97:31W:0.01, h5km, 7km,
Error ellipse: s-maj=2.7km s-min=1.8km az=181.0

TUL 21 04:47:08.3.0.8, 36.40N:102.97:31W:0.06, h6km, 7km,
ML3.1, mb_Lg3.1/77(NEIC), Error ellipse: s-maj=6.6km
s-min=2.5km az=71.0

ANF 21 04:47:08.5.0.8, 36.39N:97.27W, h5km, ML3.7/7, Error
ellipse: s-maj=9.2km s-min=6.9km az=28.0

ISC 21 04:47:08.4.1.1, 36.39N:102.97:31W:0.02, h5km, 10km,
n22, +055/79, Oklahoma

Code Station Name A° AZ° Phase ID Time Res
QUOK Quay 0.53 114 Op Pn 04 47 18.8 +0.1
QUOK QUOK 0.56 282 P Pn 04 47 19.2 +0.1
CROK Crozier 0.56 289 P Pn 04 47 19.6 +0.1

WMOK Wichita Mounta 2.04 216 P Pn 04 47 43.9 +0.4
WMOK Wichita Mounta 2.04 216 Iamb Iamb 04 48 17.6
WMOK Wichita Mounta 2.04 216 P Pn 04 47 43.4

ISC 21 04:49:16.7, 37.92N:26.61E, h13km, ML2.5/13
DDA 21 04:49:17.7, 37.95N:26.65E, h7km, 4km, ML2.2,
THE 21 04:49:18.3, 37.94N:26.69E, h12km, 1km, ML2.3/3, Error
ellipse: s-maj=1.3km s-min=0.4km az=93.0

ISC 21 04:49:17.6.0.9, 37.94N:102.26:63E:0.03, h15km, 7km,
n31, +056/48, Dodecanese Islands

Code Station Name A° AZ° Phase ID Time Res
DGB zmir 0.23 60 Op Pn 04 49 22.6 -0.2
DGB zmir 0.23 60 I Pn 04 49 25.9 -0.3
SMG Samos 0.28 144 P Pn 04 49 24.0 +0.4

237A Washetta, Mont 4.55 164 Pn Pn 04 48 17.6 -0.3
237A Washetta, Mont 4.55 164 Pn Pn 04 48 18.2
N35A Tabor 4.65 16 Pn Pn 04 48 19.1 -0.1

MSTX Muleshoe 5.09 243 Pn Pn 04 48 25.1 -0.4
CCM Cathedral Cave 5.11 69 Pn Pn 04 48 26.1 +0.5

P40A Paris 5.20 51 Pn Pn 04 48 26.1 -0.8
P40A Paris 5.20 51 Iamb Iamb 04 49 52.2

N38A Jones South For 5.43 35 Pn Pn 04 49 29.5 -0.5
PBMO Poplar Bluff 5.55 84 Iamb Iamb 04 50 10.4

435B Jarrell 5.60 182 Iamb Iamb 04 50 16.0
L34A Belgrand Farm, 5.61 7 Pn Pn 04 48 32.4 -0.1

FVM French Village 5.72 72 Pn Pn 04 48 34.3 +0.3
FVM French Village 5.72 72 Iamb Iamb 04 50 09.3

OGNE Ogallala 5.86 322 Pn Pn 04 50 36.0
OGNE Ogallala 5.86 322 Iamb Iamb 04 50 23.0

PARMO Parma 6.09 85 Iamb Iamb 04 50 29.9
JCT Junction City 6.26 200 Iamb Iamb 04 50 32.2

K31A O'Neill 6.32 350 Iamb Iamb 04 50 40.5
SCIA State Center 6.36 29 Iamb Iamb 04 50 33.0

S44A Carbondale 6.57 76 Pn Pn 04 48 45.8 +0.2
S44A Carbondale 6.57 76 Iamb Iamb 04 50 37.4

SIUC Southern Illin 6.60 76 Iamb Iamb 04 50 36.0
N41A Herten Midland 6.64 48 Pn Pn 04 48 45.5 -0.1

SDCO Great Sand Dun 6.69 284 Pn Pn 04 48 47.2 -0.4
OXF Oxford 6.71 104 Iamb Iamb 04 50 50.7

W45A Hickory Valley 6.71 98 Iamb Iamb 04 50 52.5
P43A Skaggs, Pawnee 6.95 60 Iamb Iamb 04 50 56.5

ISCO Idaho Springs 7.38 300 Pn Pn 04 48 56.8 -0.3
HDIL Hopedale 7.53 54 Iamb Iamb 04 51 22.8

ANMO Albuquerque 7.59 262 Pn Pn 04 48 59.8 -0.1
ANMO Albuquerque 7.59 262 Iamb Iamb 04 49 26.1 +5.5

ANMO Albuquerque 7.59 262 Iamb Iamb 04 51 07.6
OLIL Union 7.68 70 Iamb Iamb 04 51 21.0

146A Union 7.77 116 Iamb Iamb 04 51 36.2
PHWY Pilot Hill 8.03 310 Iamb Iamb 04 51 30.2

SUSD Miller 8.14 352 Iamb Iamb 04 51 38.4
L42A Oliver, Polo 8.16 44 Iamb Iamb 04 51 33.2

I37A Lemond, Waseca 8.18 20 Iamb Iamb 04 51 37.8
JFWS Jewell Farm 8.48 38 Iamb Iamb 04 51 44.8

V48A Smith Brothers 8.52 91 Iamb Iamb 04 51 38.8
X48A Hartselle 8.60 100 Iamb Iamb 04 51 42.0

TXAR Lajitas Array 8.84 219 Pn Pn 04 49 16.6 -0.3
TXAR Lajitas Array 8.84 219 Pn Pn 04 49 16.6 -0.3

TXAR Lajitas Array 8.84 219 Pn Pn 04 49 16.6 -0.3
TXAR Lajitas Array 8.84 219 Pn Pn 04 49 16.6 -0.3

PV12 Saucer Basin, 9.35 285 Iamb Iamb 04 52 19.0
W50A Signal Mountain 9.82 93 Iamb Iamb 04 52 23.2

P48A Mirny 9.87 68 Iamb Iamb 04 52 31.5
TKL TuckaleeChoc 10.98 90 Pn Pn 04 49 40.6 -5.6

TKL TuckaleeChoc 10.98 90 Pn Pn 04 49 40.6 -5.6
TKL TuckaleeChoc 10.98 90 Pn Pn 04 49 40.6 -5.6

PDAR Pinedale Array 11.39 308 Pn Pn 04 49 50.6 -1.4
PDAR Pinedale Array 11.39 308 Pn Pn 04 49 50.6 -1.4

PDAR Pinedale Array 11.39 308 Pn Pn 04 49 50.6 -1.4
PDAR Pinedale Array 11.39 308 Pn Pn 04 49 50.6 -1.4

NVAR Mina Array Bea 16.81 263 Pn Pn 04 51 05.0 +0.3
NVAR Mina Array Bea 16.81 263 Pn Pn 04 51 05.0 +0.3

BLCB Balcova 0.56 36 Pn Pn 04 49 28.6 0.0
BLCB Balcova 0.56 36 Pn Pn 04 49 32.2 -0.6

BLCB Balcova 0.56 36 Pn Pn 04 49 28.5 0.0
BLCB Balcova 0.56 36 Pn Pn 04 49 37.1 +0.3

21d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like AYVA, SIGR, MULA, BUHA, MAINT, etc.

IDC 21 04:59:10.0,3.7,3.84S:139.78E,h0km,mb3.5/2, mb1 3.9/4, mb1mx3.7/4, mbmtmp3.7/4, ML3.9/2, Error ellipse: s-maj=11.7km s-min=32.3km az=91.0,Irian Jaya

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

IDC 21 05:22:43.7,0.7,2.287S:171.161E,h0km,mb4.4/6, mb1 4.5/18, mb1mx3.3/43, mbmtmp3.1/8, ML3.7/2, MS3.4/10, Ms1 3.4/10, ms1mx2.2/25, Error ellipse: s-maj=25.2km s-min=17.1km az=162.0

NEIC 21 05:22:50.5,1.7,2.297S:109.171.50E,h0.845km,gkm, mb4.7/23, Error ellipse: s-maj=13.1km s-min=10.7km az=170.0

NOU 21 05:23:49.0,2.225S:166.96E,h0km,MLV1.8,New Caledonia

ISC 21 05:22:50.6,0.5,2.296S:0.08:171.48E,0.06,h49km,n123, 1521/118,mb4.5/25,MS3.4/8,1C-20D,Southeast of Loyalty Islands

Main table for the first column, listing station codes and names (e.g., OUENC, YATNC, ONTNC, DZM, etc.) with their respective coordinates and phases.

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Main table for the second column, listing station codes and names (e.g., YERR, LHV, PAHR, NVAR, etc.) with their respective coordinates and phases.

IDC 21 05:48:21.0,2.8,15.145S:167.73E,h0km,mb4.0/5, mb1 4.2/5, mb1mx3.9/19, mbmtmp4.0/5, Error ellipse: s-maj=11.2km s-min=31.5km az=136.0

NOU 21 05:48:36.2, 15.335S:167.63E, h120km,mb4.5, Vanuatu Islands

Main table for the third column, listing station codes and names (e.g., SANVU, KOUNC, DZM, etc.) with their respective coordinates and phases.

1004

Main table for the fourth column, listing station codes and names (e.g., DSLB, DLPL, ANWB, etc.) with their respective coordinates and phases.

IDC 21 06:13:15.7,2.6,15.12N:93.70W,h0km,mb3.4/2, mb1 3.9/6, mb1mx3.6/42, mbmtmp3.6/6, ML3.7/4, MS3.2/3, Ms1 3.2/3, ms1mx2.7/29, Error ellipse: s-maj=45.7km s-min=19.7km az=30.0

MEX 21 06:13:17.1,0.9,14.81N:93.73W,h54km,47km,MD4.3 GCG 21 06:13:20.7,0.6,14.93N:93.58W,h2km,MD4.2

SNET 21 06:13:21.2,1.3,14.73N:93.42W,h34km,117km,ML3.9 UCR 21 06:13:21.7,1.3,14.71N:93.39W,h48km,93km,ML3.6

ISC 21 06:13:12.9,2.5,14.76N:0.06:93.79W,0.05,h7km,15km, n31,c29/44,Near coast of Chiapas

Main table for the fifth column, listing station codes and names (e.g., PCIG, THIG, RTAL, etc.) with their respective coordinates and phases.

IDC 21 06:26:56.2,2.0,15.07N:93.78W,h0km,mb3.8/5, mb1 4.0/9, mb1mx3.7/44, mbmtmp3.8/9, ML3.7/4, MS3.0/1, Ms1 3.0/1, ms1mx2.3/40, Error ellipse: s-maj=56.7km s-min=19.7km az=42.0

MEX 21 06:26:57.7,1.2,14.70N:93.73W,h26km,41km,MD4.4 GCG 21 06:27:05.3,0.7,14.88N:93.33W,h35km,99km,MD4.1

ISC 21 06:26:59.0,0.9,14.84N:0.07:93.78W,0.04,h33km,n19, c26/329,mb3.6/5,Near coast of Chiapas

Main table for the sixth column, listing station codes and names (e.g., PCIG, THIG, etc.) with their respective coordinates and phases.

21d 10h

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

SOME 21 08:50:53.9, 39°30'N, 79°72'E, h0km
KRNET 21 08:50:60.0, 1.1, 39°56'N, 80°01'E, mb2.9
ISC 21 08:51:00.9, 4.3, 39°33'N, 02°79.6E, 0.1, h10km, n13,
az=87/22, 7C-3D, Southern Xinjiang

Main table for 21d 10h section, listing stations like PRZ, KDJ, ANVS, SHLS, SATY, UZB, etc.

SOME 21 08:59:43.8, 41°80'N, 81°48'E, h0km
NMC 21 08:59:47.4, 1.3, 41°90'N, 81°57'E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=9.8km s-min=5.4km az=157.0
ISC 21 08:59:48.8, 2.3, 41°91'N, 009°81'35E, 0.08, h10km, n28,
az=137/41, 3C-4D, Southern Xinjiang

Main table for 21d 10h section, listing stations like KTMS, SHLS, PDGK, UZB, etc.

2015 FEB

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KTBS, KTBS, KST, DGS, MAZK, etc.

IDC 21 10:00:52.1, 1.0, 57°13'S, 25°18'W, h0km, mb4.2/5,
mb1.4/5.6, mb1mx4.1/23, mbtmp4.3/6, ML4.5/1, MS3.5/3,
Ms1.3/4.3, ms1mx3.2/24, Error ellipse: s-maj=31.6km
s-min=23.2km az=69.0
NEIC 21 10:00:53.5, 2.0, 57°15'S, 01°24'9W, 0.3, h10km, n1km,
mb4.6/26, Error ellipse: s-maj=27.9km s-min=20.6km
az=40.0

ISC 21 10:00:55.3, 0.7, 57°15'S, 01°25'0W, 0.1, h22km, n43,
az=85/41, mb4.5/15, South Sandwich Islands region

Main table for 2015 FEB section, listing stations like VNA1, VNA3, SNA, etc.

1006

Duration: 2x3 Moment tensor: Scale 10^18Nm;
Mn=0.58; 0.1; Mw=0.02; 0.0; Mx=0.00; 0.0; Mo=0.36; 0.1;
Ms=0.17; 0.0; Mz=0.78; 0.2; Best double couple:
Mo1.05600x10^18 NP1:phi=184.00000; delta19.00000;
lambda20.00000; NP2:phi=23.00000; delta72.00000; lambda96.00000;
Principal axes: T 1.0320, Plg62.0000, Azm302.0000; N
0.0480, Plg6.0000, Azm201.0000; P -1.0800,
Plg27.0000, Azm109.0000; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface/mantle waves,
cutoff=50s. Triangular moment-rate function

NEIC 21 10:13:59.39, 83N, 143.81E, h12km, Moment Tensor
Solution. Moment tensor: Scale 10^18Nm; Mrr0.56;
Mss0.04; Mss0.60; Mss0.47; Mss0.19; Mss1.04; Fault
plane solution: Ms1.29000x10^18 NP1:phi=184.00000;
delta15.00000; lambda71.00000; NP2:phi=23.00000; delta76.00000;
lambda95.00000; Principal axes: T 1.2521, Plg59.0000,
Azm300.0000; N 0.0780, Plg5.0000, Azm202.0000; P
-1.3301, Plg31.0000, Azm109.0000;

NEIC 21 10:14:02.39, 86N, 143.69E, h20km, Moment Tensor
Solution. Moment tensor: Scale 10^18Nm; Mrr0.51;
Mss0.08; Mss0.43; Mss0.27; Mss0.10; Mss1.05; Fault
plane solution: Ms1.19000x10^18 NP1:phi=194.00000;
delta12.00000; lambda89.00000; NP2:phi=14.00000; delta78.00000;
lambda90.00000; Principal axes: T 1.2162, Plg57.0000,
Azm285.0000; N 0.0548, Plg0.0000, Azm194.0000; P
-1.1634, Plg33.0000, Azm104.0000;

BGR 21 10:14:04.9, 0.0, 40°52'N, 142°26'E, h29km, mb5.0
ISC 21 10:13:53.9, 0.4, 39°83'N, 003°143'52E, 0.03, h12km, n2km,
h12km; pp-P, N1886, e1940/1916, mb5.5/465, MS5.9/514,
153C-41D, Fault plane solution: NP1:phi=154.90241;
delta38.04156; lambda27.30832; NP2:phi=42.77392; delta73.57772;
lambda124.80897; Principal axes: T Plg49.1830;
Azm350.9100; N Plg33.1994; Azm211.6538; P
Plg20.9150; Azm107.1719;

Main table for 1006 section, listing stations like JTH, MIYK, KJEN, etc.

1007

Table with columns for station call letters, frequency, and other technical details. Includes stations like TEY, JHJ, JHT, UGL, etc.

2015 FEB

Table with columns for station call letters, frequency, and other technical details. Includes stations like PEA0B, PETK, JOW, MA2, etc.

21d 10h

Table with columns for station call letters, frequency, and other technical details. Includes stations like CIT, YHNB, NACB, etc.

Table with columns for station call signs (e.g., GZH, LZH, MOY, etc.), frequencies, and other technical details. Includes sub-sections like 'Lanzhou' and 'Chengdu'.

Table with columns for station call signs (e.g., WMQ, MYLDM, ZAAO, etc.), frequencies, and other technical details.

Table with columns for station call signs (e.g., MK31, MK31, MKAR, etc.), frequencies, and other technical details.

1011

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GOF, SCO, MSO, MNCV, etc.

2015 FEB

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

21d 10h

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

1015

G58A	comp=Z,3um,18.0s buz=332	88.92	26	P	P	10 26 48.5 +0.4
WHTX	Lake Whitney, buz=31	88.92	48	P	P	10 26 49.4 +1.1
WHTX	Lake Whitney, WHTX	88.92	48	P	Iamb	10 26 48.8 +0.5 10 26 50.5
SIUC	comp=Z,31nm,1.0s Southern Illin	88.92	39	P	IAMS_20	10 26 48.6 +0.3 IAMS_20
J54A	Appleton comp=Z,5um,20.0s	88.92	29	IAMS_20	IAMS_20	11 10 58.7
D63A	Stockholm buz=336	89.03	21	P	P	10 26 49.5 +1.0
BLO	Bloomington	89.03	37	P	P	10 26 49.0 +0.3
BLO	comp=Z,26nm,1.1s	89.03	37	P	pmax	10 26 49.0 +0.3 10 26 50.2
BLO	comp=Z,26nm,1.1s	89.03	37	P	Iamb	10 26 49.0 +0.3 10 26 50.2
BLO	comp=Z,5um,20.0s	89.06	40	P	IAMS_20	11 13 49.2
PBMO	Poplar Bluff	89.06	40	P	IAMS_20	10 26 49.2 +0.3 11 12 56.2
H57A	Richville buz=331	89.07	27	P	P	10 26 49.2 +0.4
MEDA	Medina comp=Z,5um,19.0s	89.09	29	IAMS_20	IAMS_20	11 11 14.0
MIAR	Mount Ida buz=320,SNR=18	89.15	44	P	P	10 26 50.0 +0.7
MIAR	Mount Ida	89.15	44	P	pmax	10 26 50.1 +0.7
MIAR	comp=Z,30nm,0.9s	89.15	44	P	Iamb	10 26 50.1 +0.7 10 26 51.5
MIAR	comp=Z,30nm,0.9s	89.15	44	P	IAMS_20	11 11 24.1
F61A	St Evariste buz=334	89.16	23	P	P	10 26 50.3 +1.1
O49A	Covington	89.19	35	P	Iamb	10 26 49.9 +0.4 10 26 51.2
O49A	comp=Z,26nm,0.8s	89.19	35	P	IAMS_20	11 05 07.1
J55A	Hilton	89.24	29	P	P	10 26 49.4 -0.2
J55A	comp=Z,5um,19.0s	89.24	29	P	Iamb	10 26 50.9
J55A	comp=Z,5um,19.0s	89.24	29	P	IAMS_20	11 13 12.0
WHAR	Woolly Hollow	89.26	43	P	P	10 26 50.2 +0.3
WHAR	comp=Z,3um,19.0s	89.26	43	P	IAMS_20	11 07 36.8
P48A	Milroy	89.30	36	P	P	10 26 50.1 +0.1
P48A	comp=Z,4um,20.0s	89.30	36	P	IAMS_20	11 12 37.1
M52A	Chesterland	89.32	32	P	P	10 26 50.1 0.0
M52A	comp=Z,5um,18.0s	89.32	32	P	IAMS_20	11 13 32.5
FRNY	Flat Rock	89.35	25	IAMS_20	IAMS_20	11 12 48.8
BATG	Bathurst New B	89.36	20	P	P	10 26 50.2 +0.1
BATG	comp=Z,27nm,0.9s	89.36	20	P	Iamb	10 26 52.8
BATG	comp=Z,27nm,0.9s	89.36	20	P	IAMS_20	11 09 50.6
MOQ	Mont Orford	89.36	24	P	P	10 26 50.5 +0.3
Z38A	Mt. Pleasant	89.36	46	P	P	10 26 50.6 +0.2
Z38A	comp=Z,5um,18.0s	89.36	46	P	IAMS_20	11 14 59.7
W41B	Gary Mavity, V buz=321,SNR=9.9	89.37	43	P	P	10 26 50.5 +0.1
ERPA	Erie buz=328,SNR=7.0	89.39	31	P	P	10 26 51.5 +1.1
ERPA	Erie	89.39	31	P	P	10 26 51.2 +0.8
ERPA	comp=Z,6um,20.0s	89.42	31	P	IAMS_20	11 10 55.1
L53A	Girard buz=328,SNR=20	89.42	31	P	P	10 26 51.3 +0.8
N51A	Ashland	89.42	33	P	Iamb	10 26 51.1 +0.5 10 26 52.3
N51A	comp=Z,33nm,1.0s	89.42	33	P	IAMS_20	11 11 22.2
US1A	University of	89.47	38	P	P	10 26 51.1 +0.3
US1A	comp=Z,4um,18.0s	89.47	38	P	Iamb	10 26 52.8
US1A	comp=Z,29nm,1.1s	89.47	38	P	IAMS_20	11 11 21.8
H59A	Cadyville	89.49	26	P	P	10 26 51.0 +0.3
PARMO	Parma buz=332	89.49	40	IAMS_20	IAMS_20	11 13 49.5
E63A	Oxbow buz=336	89.51	21	P	P	10 26 51.8 +1.0
H58A	Gabriels buz=332,SNR=5.3	89.52	26	P	P	10 26 51.7 +0.7
P49A	Miami Univ. Ec buz=325,SNR=8.5	89.55	35	P	P	10 26 51.5 +0.3
P49A	Miami Univ. Ec	89.55	35	P	P	10 26 51.7 +0.5
P49A	comp=Z,4um,18.0s	89.55	35	P	IAMS_20	11 15 09.9
J56A	Wolcott buz=330	89.58	28	P	P	10 26 50.6 -0.6
J56A	Wolcott	89.58	28	P	Iamb	10 26 50.9 -0.3 10 26 52.9
J56A	comp=Z,28nm,1.0s	89.58	28	P	IAMS_20	11 13 16.1
HENM	Henderson Moun comp=Z,5um,19.0s	89.58	40	IAMS_20	IAMS_20	11 14 08.1
X40A	Basin Creek Fa buz=320,SNR=8.9	89.59	43	P	P	10 26 52.2 +0.7
X40A	Basin Creek Fa	89.59	43	P	P	10 26 52.3 +0.9
X40A	comp=Z,4um,18.0s	89.59	43	P	IAMS_20	11 13 41.6
G61A	St-Isidore-de- buz=334	89.61	24	P	P	10 26 51.7 +0.3
MMNY	Mt. Morris Dam	89.66	29	P	Iamb	10 26 52.2 +0.6 10 26 53.5
MMNY	comp=Z,31nm,0.9s	89.66	29	P	IAMS_20	11 11 30.3
E64A	Bridgewater buz=338	89.67	21	P	P	10 26 52.2 +0.6
WVNY	West Valley, N WVNY	89.68	30	P	Iamb	10 26 52.8 +1.1 10 26 53.9
M53A	WI Miller and buz=328,SNR=12	89.69	32	P	P	10 26 52.1 +0.4
M53A	WI Miller and	89.69	32	P	Iamb	10 26 52.4 +0.6 10 26 54.0
M53A	comp=Z,44nm,1.1s	89.69	32	P	IAMS_20	11 13 21.1
PVMO	Portageville	89.71	40	IAMS_20	IAMS_20	11 13 25.4
PENMO	Penman comp=Z,4um,20.0s	89.72	40	IAMS_20	IAMS_20	11 13 25.6
ALLY	Alegheny Colle	89.72	31	P	P	10 26 52.4 +0.4
ALLY	comp=Z,5um,20.0s	89.72	31	P	IAMS_20	11 11 09.0
435B	Jarrell buz=318	89.74	49	P	P	10 26 52.7 +0.5
435B	Jarrell	89.74	49	P	Iamb	10 26 52.4 +0.2 10 26 54.0
435B	comp=Z,21nm,0.7s	89.74	49	P	IAMS_20	11 10 04.9
ACSO	Alum Creek Sta buz=326,SNR=14	89.74	34	P	P	10 26 52.9 +0.9
ACSO	Alum Creek Sta	89.74	34	P	Iamb	10 26 52.3 +0.3 10 26 54.0
ACSO	comp=Z,38nm,0.8s	89.74	34	P	IAMS_20	11 13 28.6
T45A	Paducah	89.75	39	IAMS_20	IAMS_20	11 12 42.5
HICK	Hickman	89.84	40	IAMS_20	IAMS_20	11 14 23.9
237A	Washetta, Mont comp=Z,4um,20.0s	89.85	47	IAMS_20	IAMS_20	11 11 20.7
I58A	Old Forge	89.89	27	P	P	10 26 52.2 -0.6
HBAR	Harrisburg	89.90	41	P	P	10 26 53.2 +0.4

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WCI	Wyandotte Cave buz=324	89.90	37	P	P	10 26 53.7 +0.8
WCI	Wyandotte Cave	89.90	37	P	pmax	10 26 53.1 +0.3
WCI	comp=Z,26nm,0.8s	89.90	37	P	Iamb	10 26 53.1 +0.3 10 26 54.8
GNAR	Gosnell	89.90	41	P	Iamb	10 26 54.0 +1.1 10 26 57.1
GNAR	comp=Z,49nm,1.1s	89.90	41	P	IAMS_20	11 13 15.6
NCB	Newcomb	89.90	26	P	IAMS_20	10 26 53.2 +0.4 10 26 59.3
K56A	Middlesex buz=330	89.91	29	P	P	10 26 53.5 +0.7
G62A	West of Eustis buz=332	89.98	23	P	P	10 26 52.9 -0.2
M54A	Oil Creek Stat buz=328,SNR=7.6	90.03	31	P	P	10 26 54.7 +1.3
M54A	Oil Creek Stat	90.03	31	P	Iamb	10 26 53.1 -0.3 10 26 55.5
M54A	comp=Z,30nm,0.9s	90.04	22	P	P	10 26 54.6 +1.3
LPAR	Lepanto	90.04	41	P	P	10 26 53.8 +0.3
WLAR	White Oak Lake	90.06	44	IAMS_20	IAMS_20	10 26 52.9 +0.7 11 12 04.0
LNXT	Lenox comp=Z,3um,19.0s	90.06	40	IAMS_20	IAMS_20	11 13 44.7
VT1	Waterbury	90.07	25	P	Iamb	10 26 53.9 +0.3 10 26 56.4
VT1	comp=Z,31nm,1.2s	90.07	25	P	IAMS_20	11 13 04.1
N53A	Lisbon	90.15	32	P	Iamb	10 26 54.4 +0.4 10 26 56.1
N53A	comp=Z,24nm,0.9s	90.15	32	P	IAMS_20	11 14 14.5
H61A	Lyndonville	90.16	25	P	P	10 26 55.2 +1.2
I59A	Olmsteadville buz=334,SNR=7.1	90.18	26	P	P	10 26 54.5 +0.5
UTMT	University of	90.18	40	P	P	10 26 55.6 +1.4
K57A	Scipio Center buz=330	90.18	28	P	P	10 26 54.9 +0.8
J59A	Piesco buz=332	90.25	27	P	P	10 26 54.3 -0.2
J59A	Piesco	90.25	27	P	Iamb	10 26 54.7 +0.2 10 26 55.7
J59A	comp=Z,23nm,1.0s	90.25	27	P	IAMS_20	11 14 12.2
L56A	Greenwood buz=330,SNR=7.5	90.31	29	P	P	10 26 55.8 +1.1
L56A	Greenwood	90.31	29	P	Iamb	10 26 55.4 +0.6 10 26 56.7
O52A	Adamsville	90.32	33	P	Iamb	10 26 55.0 +0.3 10 26 56.6
O52A	comp=Z,29nm,0.9s	90.32	33	P	IAMS_20	11 14 44.3
P51A	Williamsport	90.32	34	P	Iamb	10 26 54.9 +0.1 10 26 56.4
P51A	comp=Z,26nm,0.9s	90.32	34	P	IAMS_20	11 14 12.2
I60A	Shelbyville buz=333	90.33	26	P	P	10 26 55.6 +0.9
R49A	Shelbyville comp=Z,5um,19.0s	90.36	36	IAMS_20	IAMS_20	11 13 12.4
N54A	Moraine State buz=329,SNR=9.5	90.36	31	P	P	10 26 55.4 +0.4
N54A	Moraine State	90.36	31	P	Iamb	10 26 55.6 +0.6 10 26 57.2
H62A	Milan buz=334,SNR=5.8	90.37	24	P	P	10 26 55.9 +1.0
H62A	Milan	90.37	24	P	P	10 26 56.0 +1.0
M55A	Ridgway	90.42	30	P	Iamb	10 26 56.0 +0.8 10 26 57.5
M55A	comp=Z,33nm,0.8s	90.42	30	P	IAMS_20	11 11 42.4
K58A	Chaparral WMA, buz=317	90.46	52	P	P	10 26 56.3 +0.7
K58A	Earlville	90.47	28	P	P	10 26 56.3 +0.8
K58A	Earlville	90.47	28	P	Iamb	10 26 55.9 +0.4 10 26 57.5
O53A	New Philadelphia buz=327,SNR=7.5	90.47	33	P	P	10 26 56.3 +0.8
O53A	New Philadelphia	90.47	33	P	Iamb	10 26 56.0 +0.5 10 26 57.4
O53A	comp=Z,34nm,1.0s	90.47	33	P	IAMS_20	11 12 10.8
G64A	Maxfield buz=336	90.48	22	P	P	10 26 56.2 +0.9
T47A	Sharon Grove	90.52	38	P	Iamb	10 26 56.5 +0.7 10 26 57.8
T47A	comp=Z,35nm,0.9s	90.52	38	P	IAMS_20	11 14 47.6
Z41A	Richland Creek buz=320	90.55	44	P	P	10 26 56.5 +0.5
Q51A	Peebles	90.58	35	P	P	10 26 56.0 0.0 11 11 01.9
CCAR	Cane Creek	90.59	43	IAMS_20	IAMS_20	11 09 55.1
P52A	Corning buz=327,SNR=6.7	90.59	34	P	P	10 26 56.7 +0.7
P52A	Corning	90.59	34	P	Iamb	10 26 56.3 +0.3 10 26 58.8
P52A	comp=Z,43nm,1.4s	90.59	34	P	IAMS_20	11 14 01.3
MET	Memphis-Engin comp=Z,4um,20.0s	90.60	41	IAMS_20	IAMS_20	11 07 24.2
ACCN	Adirondack Com	90.61	26	P	P	10 26 56.5 +0.4 11 13 21.1
M56A	Emporium buz=329,SNR=8.3	90.63	30	P	P	10 26 56.6 +0.4
M56A	Emporium	90.63	30	P	Iamb	10 26 56.8 +0.6 10 26 58.4
H63A	New Sharon buz=335	90.64	23	P	P	10 26 56.6 +0.5
L57A	Andrews Acres buz=330,SNR=5.8	90.69	29	P	P	10 26 56.8 +0.3
K59A						

21d 10h

Table with columns: Station, Name, Time, Res, and various codes. Includes stations like X48A Hartselle, WSPF Westport, CT, V51A Loudon, etc.

2015 FEB

Table with columns: Station, Name, Time, Res, and various codes. Includes stations like ESDC Sonseca Array, BIRD Birdtown, Kers, V59A Middletown, etc.

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Table with columns: Station, Name, Time, Res, and various codes. Includes stations like VNA3 Neumayer Olymp, PB08 IPOC Station P, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like JTH Tanohata, JMW Miyakonagasawa, etc.

21d 11h

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ALF01 Guarapari-ES, BSFB Barra de Sao F, SJMB Sao Joao de Ma, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like comp=Z,14nm,1.2s, SNA A Sanae, SNA SNA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BZS Buzias, CKRC Cesky Krumlov, KHC Kasperske Hory, etc.

SOC	eS	S	11 55 58.5 +1.9
SOC	eSS	SS	12 01 04.1 +6.9
SOC	pmx	pmx	
comp-Z,30nm,1.0s	MLR	MLR	
L64A	comp-Z,548nm,15.0s	P	11 46 07.3 -1.0
PBUR	baz=125	P	78.50 320 P
GNI	78.72 20 eP	P	11 46 09.8 +0.6
GNI	78.81 42ceP	P	11 46 11.7 +1.4
PABE	comp-Z,53nm,1.7s	P	78.98 21 eP
U61A	78.98 21 eP	P	11 46 11.1 +0.4
NEY	Possum Corner	P	79.14 313 P
NEY	baz=120	P	11 46 12.5 +0.5
U61A	Netyrino	iP	79.31 31 P
NEY	comp-Z,3.0nm,1.1s	pmx	11 46 14.1 +1.1
X60A	Albert Glenn T	P	79.36 311 P
F64A	baz=119	P	11 46 13.3 +0.1
F64A	Sherman	P	79.39 325 P
J63A	baz=128	P	79.42 321 P
V60A	Jim Taylor Roa	P	79.43 312 P
V60A	baz=120	P	11 46 13.4 +0.3
V60A	Jim Taylor Roa	P	79.43 312 P
V60A	comp-Z,58nm,1.4s	I Amb	11 46 13.5 +0.2
E64A	Bridgewater	P	79.44 325 P
NACGM	Naroch	iP	79.50 23 iP
NACGM	baz=125	P	11 46 14.2 +0.6
NACGM	iPP	PP	11 46 14.2 +0.6
NACGM	iPPP	PP	11 49 06.1 -8.2
NACGM	iS	S	11 50 53.1
NACGM	iS	S	11 56 00.9 -1.4
NACGM	iPS	PnS	11 57 07.2 +8.6
NACGM	iSS	SS	12 00 53.8 -29
NACGM	iSSS	SSS	12 04 10.0
NACGM	iSSS	SSS	12 04 18.3
NACGM	iLR	LR	12 20 46.1
SHA1	Shidzhatmaz	iP	79.55 38 iP
MNK	Minsk	iP	79.61 23 iP
MNK	comp-E,3.0nm,0.8s	P	11 46 15.4 +1.0
MNK	comp=N,30nm,1.2s	P	11 46 13.9 -0.3
MNK	comp-Z,33nm,0.9s	iP	11 46 13.9 -0.3
MNK	iPP	PP	11 49 13.9 -1.3
MNK	iPPP	PPP	11 51 09.4
MNK	iS	S	11 56 15.6 -0.4
MNK	iScS	ScS	11 56 37.1 -0.6
MNK	iSS	SS	12 01 24.3 -0.4
MNK	iSSS	SSS	12 04 50.0
MNK	iLO	LO	12 16 12.3
MNK	iLR	LR	12 20 11.3
MNK	iLRM	MLR	12 23 18.0
MNK	comp-Z,162nm,15.2s	iLRM	12 23 21.3
MNK	comp=N,267nm,16.6s	iLRM	12 23 32.5
MNK	comp-E,20nm,14.5s	iLRM	12 23 32.5
IGN	Ignalina	eP	79.65 22 eP
KBZ	Khabaz	P	79.69 38 P
KBZ	comp-E,11nm,0.9s, baz=233,slow=2.4,SNR=20	P	11 46 15.0 +0.6
KBZ	Khabaz	38ceP	79.69 38ceP
KBZ	comp-Z,13nm,0.9s	pmx	11 46 16.0 +1.2
KIV	Kislovodsk	eP	79.70 38 eP
KIV	comp-Z,69nm,1.1s	pmx	11 46 16.6 +1.6
KIV	Kislovodsk	P	79.70 38 P
KIV	comp-Z,40nm,1.3s	I Amb	11 46 14.1 -0.9
U60A	Pendleton	P	79.71 313 P
U60A	baz=120	P	11 46 15.8 +0.7
Y59A	Loris	P	79.73 310 P
ZEI	Tsey	eP	79.75 39 eP
ZEI	comp-Z,8.0nm,1.1s	pmx	11 46 14.5 -0.8
ID1D	Didziasalis	eP	79.81 22 eP
L61B	Northampton	P	79.92 320 P
D63A	Stockholm	P	79.98 326 P
D63A	baz=128	P	11 46 16.3 +1.1
U59A	Littleton	P	80.09 313 P
U59A	comp-Z,40nm,1.4s	I Amb	11 46 17.7 +1.5
V59A	Middlesex	P	80.12 312 P
V59A	baz=119	P	11 46 16.9 +0.6
T59A	Double "B" Far	P	80.23 313 P
T59A	comp-Z,38nm,1.4s	I Amb	11 46 17.7 +0.5
NB2	NORSAR Subarra	P	80.28 12 P
NOA	NORSAR Array B	P	80.28 12 P
NOA	comp-Z,19nm,1.7s, baz=194,slow=7.9	P	11 46 18.1 +0.2
NOA	NORSAR Array B	P	80.28 12 P
NOA	comp-Z,2.9nm,0.9s, baz=204,slow=5.8,SNR=4.7	P	11 46 20.1
PSUB	Penn St. - Bra	P	80.31 317 P
P60A	Greenville	P	80.37 317 P
P60A	baz=122	P	11 46 18.0 +0.3
P60A	Greenville	P	80.37 317 P
P60A	comp-Z,39nm,1.6s	I Amb	11 46 18.6 -0.6
K61A	Williamstown	P	80.40 320 P
K61A	baz=124	P	11 46 18.8 +0.1
W58A	Raeford	P	80.48 311 P
O60A	Telford	P	80.49 317 P
O60A	baz=118	P	11 46 19.7 +0.9
D62A	Allapoint, All	P	80.51 325 P
D62A	baz=128	P	11 46 19.2 -0.0
D62A	Allapoint, All	P	80.51 325 P
D62A	comp-Z,39nm,1.6s	I Amb	11 46 18.9 -0.4
M60A	Port Jeris	P	80.52 318 P
M60A	baz=122	P	11 46 20.3 +0.9
R59A	King George, V	P	80.54 315 P
R59A	baz=120	P	11 46 20.9 +1.4
GOF	Gofitskoye	eP	80.54 37 eP
GOF	comp-Z,22nm,1.2s	pmx	11 46 21.2 +1.8
N60A	Cedar Hill Far	P	80.58 318 P
N60A	comp-Z,79nm,1.4s	P	11 46 20.1 +0.3
LUPA	Lehigh Unvers	P	80.61 317 P
LUPA	comp-Z,40nm,1.3s	I Amb	11 46 17.9 +0.3
H61A	Lyndonville	P	80.64 322 P
H61A	baz=125	P	11 46 18.0 +0.3
U58A	Oxford	P	80.65 312 P
U58A	baz=119	P	11 46 17.8 -0.6
UPP	Uppsala	eP	80.71 16 eP
V58A	Windy Hill, Pi	P	80.76 312 P
V58A	comp-Z,39nm,1.6s	I Amb	11 46 20.9 +0.0
P59A	Jarrettsville	P	80.80 316 P
P59A	comp-Z,40nm,1.6s	P	11 46 22.3 +1.1
J60A	Lant Hill Farm	P	80.81 320 P
J60A	baz=121	P	11 46 21.7 +0.8
S58A	Poland Farm, P	P	80.89 314 P
S58A	baz=120	P	11 46 21.9 +0.9
R58B	Mineral	P	80.95 314 P
R58B	baz=120	P	11 46 21.8 +0.1
R58B	Mineral	P	80.95 314 P
R58B	comp-Z,42nm,1.6s	I Amb	11 46 23.8
O59A	Robesonia	P	80.99 317 P
O59A	baz=121	P	11 46 21.0 +0.1
N59A	State Game Lan	P	81.01 318 P
N59A	comp-Z,24nm,1.1s	P	11 46 21.6 -0.4
H60A	Morristown	P	81.11 322 P
H60A	baz=124	P	11 46 23.3 +1.1
M59A	Waymart	P	81.15 318 P
M59A	baz=122	P	11 46 23.2 +0.7
R58A	Rapidan	P	81.20 314 P
R58A	baz=120	P	11 46 23.6 +0.8
G60A	Masonville	P	81.20 322 P
G60A	baz=125	P	11 46 23.8 +0.7
U57A	Blanch	P	81.22 312 P
U57A	comp-Z,19nm,0.9s	P	11 46 23.4 +0.4
L59A	Walton	P	81.24 319 P
L59A	baz=118	P	11 46 23.9 +0.6
L59A	Walton	P	81.24 319 P
L59A	comp-Z,56nm,1.1s	P	11 46 24.7 +1.4
L59A	baz=122	P	11 46 22.9 -0.5
L59A	comp-Z,43nm,1.4s	I Amb	11 46 26.8

V57A	Coltrane Farms	P	81.28 312 P
V57A	baz=118	P	11 46 23.9 +0.3
Q58A	Fox Den Farm,	P	81.30 315 P
Q58A	baz=120	P	11 46 23.2 -0.4
O58A	Lewisberry	P	81.38 316 P
O58A	baz=121	P	11 46 23.7 -0.3
I59A	Olmsteadville	P	81.39 321 P
I59A	baz=123	P	11 46 24.1 +0.1
E60A	Ste Agathe de	P	81.42 324 P
E60A	baz=125	P	11 46 23.4 -0.7
T57A	Hurt	P	81.44 313 P
T57A	baz=119	P	11 46 24.6 +0.3
T57A	Hurt	P	81.44 313 P
T57A	comp-Z,53nm,1.7s	P	11 46 24.7 +0.3
K59A	Cooperstown	P	81.44 319 P
K59A	baz=122	P	11 46 24.0 -0.3
D60A	Saint Jean D'O	P	81.44 325 P
D60A	baz=126	P	11 46 23.8 -0.3
W56A	Indian Trail	P	81.51 311 P
W56A	baz=118	P	11 46 25.7 +0.9
R57A	Stanardsville	P	81.55 314 P
R57A	baz=119	P	11 46 24.8 -0.2
S57A	Dark Hollow, R	P	81.59 314 P
S57A	baz=119	P	11 46 26.5 +1.3
J59A	Plesco	P	81.59 320 P
J59A	baz=123	P	11 46 25.4 +0.3
N58A	Sunbury	P	81.61 317 P
N58A	baz=121	P	11 46 24.9 -0.3
L58A	Harry Jones Me	P	81.68 318 P
L58A	baz=122	P	11 46 27.0 +1.4
H59A	Cadyville	P	81.75 322 P
H59A	baz=124	P	11 46 27.0 +1.4
V56A	Mocksville	P	81.76 311 P
V56A	baz=118	P	11 46 25.9 +0.1
P57A	Homestead Farm	P	81.79 315 P
P57A	baz=120	P	11 46 26.7 +0.5
Q57A	Strasburg	P	81.84 315 P
Q57A	comp-Z,30nm,1.1s	P	11 46 27.5 +1.0
O57A	Amberson	P	81.90 316 P
O57A	baz=120	P	11 46 27.2 +0.5
K58A	Earlville	P	81.93 319 P
K58A	baz=122	P	11 46 27.7 +0.8
U56A	King	P	81.93 312 P
U56A	baz=118	P	11 46 27.6 +0.6
S56A	Natural Bridge	P	81.98 313 P
S56A	baz=119	P	11 46 27.0 -0.2
T56A	Rocky Mt	P	82.00 312 P
T56A	baz=118	P	11 46 28.0 +0.6
KM5C	Kings Mountain	P	82.06 310 P
KM5C	baz=117	P	11 46 29.5 +1.7
N57A	Milroy	P	82.11 317 P
N57A	baz=120	P	11 46 29.2 +1.1
M57A	Sunshine Farm,	P	82.13 317 P
M57A	baz=121	P	11 46 28.0 +0.2
V5R	Storozhevoje	eP	82.21 31 eP
V5R	comp-Z,30nm,1.1s	pmx	11 46 27.6 -0.5
G58A	Ormsdown	P	82.24 322 P
G58A	baz=123	P	11 46 27.1 -1.3
L57A	Andrews Acres	P	82.29 318 P
L57A	baz=121	P	11 46 27.9 -1.0
V55A	Taylorville	P	82.30 311 P
V55A	comp-Z,30nm,1.4s	I Amb	11 46 29.2 +0.2
HODGE	Hodges	P	82.34 309 P
HODGE	comp-Z,34nm,1.6s	I Amb	11 46 28.2 -1.0
P56A	Dayton Farm, R	P	82.36 315 P
P56A	baz=119	P	11 46 36.3
Q56A	Snyder Ridge,	P	82.37 315 P
Q56A	baz=119	P	11 46 30.2 +1.0
Q56A	Snyder Ridge,	P	82.37 315 P
Q56A	comp-Z,30nm,1.1s	I Amb	11 46 29.7 +0.4
E58A	La Victoria	P	82.46 323 P
E58A	baz=124	P	11 46 28.1 -1.2
O56A	Blue Knob Stat	P	82.55 316 P
O56A	baz=120	P	11 46 31.9
D58A	Chemin du LacG	P	82.64 324 P
D58A	baz=124	P	11 46 28.8 -0.7
H57A	Richville	P	82.67 321 P
H57A	baz=122	P	11 46 30.9 +0.7
N56A	West Decatur	P	82.69 317 P
N56A	baz=120	P	11 46 31.3 +0.7
G57A	Newington	P	82.77 321 P
G57A	baz=123	P	11 46 31.6 +0.7
L56A	Greenwood	P	82.81 318 P
L56A	baz=123	P	11 46 30.1 -1.1
M56A	Emporium	P	82.81 318 P
M56A	baz=123	P	11 46 30.9 -0.7
K56A	Middlesex	P	82.81 318 P
K56A	baz=123	P	11 46 31.3 -0.3
J56A	Wolcott	P	82.89 317 P
J56A	baz=121	P	11 46 31.7 +0.5
LPSR	Galich'ya Gora	eP	82.98 29 eP
LPSR	comp-Z,40nm,1.4s	pmx	11 46 32.6 +1.5
U54A	Nelsons Funny	P	83.04 311 P
U54A	comp-Z,25nm,1.1s	pmx	11 46 32.0 -0.1
U54A	Nelsons Funny	P	83.04 311 P
U54A	comp-Z,25nm,1.1s	I Amb	11 46 30.9 -2.0
TRQ	Mont Tremblant	P	83.12 323 P
TRQ	comp-Z,22nm,1.2s	P	11 46 35.8
RG3	Lake Jocassee	P	83.17 310 P

21d 12h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like P40A Paris, HHAR Hobbs, I40A Norwalk, U38A Gravette, etc.

IDC 21 12:20:48.2, 7.9, 46S, 114.37E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.5/30, mbmtmp3.6/4, ML3.7/1, Error ellipse: s-maj=149.8km s-min=25.0km az=47.0

NEIC 21 12:21:01.0, 2.1, 9.2S, 0.1, 115.21E, h104km, 10km, mb4.1/5, Error ellipse: s-maj=22.8km s-min=2.9km az=207.0

DJA 21 12:21:02.6, 0.8, 9.9, S, 12.11E, h61km, 16km, M3.9/7, ML3.9/7

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DNP Denpasar, SRBI Denpasar, JAGI Jajag, etc.

IDC 21 12:24:45.7, 1.0, 16.84S, 141.11W, h0km, mb4.2/13, mb1 4.4/13, mb1mx4.2/32, mbmtmp4.2/13, MS4.0/7, Ms1 4.0/7, ms1mx3.7/28, Error ellipse: s-maj=31.5km s-min=19.8km az=149.0

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NEIC 21 12:24:47.7, 0.9, 16.84S, 0.1, 10.14, 27W, 0.09, h10km, 1km, mb4.9/37, Error ellipse: s-maj=18.3km s-min=11.3km az=216.0

ISC 21 12:24:47.8, 0.5, 16.7S, 0.1, 14.18W, 0.08, h10km, n96, e180187, mb4.8/29, MS4.0/7, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, SHEL Horse Pasture, etc.

1020

TXAR Lajitas Array 97.56 298 P Pdf 12 38 23.4 +0.5 comp=Z, 0.8nm, 0.9s, baz=117, slow=7.0, SNR=7.0

TXAR Lajitas Array 97.56 298 P P 12 38 22.4 -0.5

ASAR Alice Springs 129.20 141 PKP PKPdf 12 43 55.5 -1.7 comp=Z, 0.9nm, 0.9s, baz=194, slow=2.6, SNR=5.2

NNC 21 12:25:24.6, 8.6, 36.80N, 70.56E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=67.6km s-min=59.8km az=161.0

ISC 21 12:25:25.5, 4.7, 36.6N, 0.3, 70.7E, 0.2, h200km, n9, e143/12, 3C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, etc.

JMA 21 12:40:28.1, 0.1, 24.09N, 123.22E, h41km, 2km, M1.4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like YAJ Yonaguni jima, YJNG Yonagunijimaku, etc.

TAP 21 12:41:13.8, 24.22N, 121.70E, h10km, ML1.9, D, Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, TWD Chiawan, etc.

IDC 21 12:41:29.4, 2.0, 12.07S, 101.41E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.6/33, mbmtmp3.7/5, ML5.4/1, Error ellipse: s-maj=60.8km s-min=24.4km az=50.0

ISC 21 12:41:31.6, 1.4, 11.9S, 0.1, 110.6E, 0.1, h10km, n22, e182/17, mb3.9/5, Southwest of Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KASI Kota Agung, DWLI Liwa, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like G54A Lake Saint Pet, D55A Sainte-Anne-du, H53A Bolocaygeon, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like AKASG Malin Array Be, OSTC Oostas, DPCRC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like ELK Elko, H04D Lebanon, G05D Wamic, OR, etc.

REN 21 14:21:49.6:1.8, 41.188N:0.03:119:65W:0.03, h7km, 6km, ML3.3/5, ML3.3/40(SEA), ML3.1/48(NEIC), Error ellipse: s-maj=4.9km s-min=2.8km az=175.0, SEA 21 14:21:50.4:2.4, 41.177N:0.03:119:62W:0.03, h5km, 2km, Error ellipse: s-maj=4.8km s-min=3.6km az=357.0, ANF 21 14:21:50.3:0.4, 41.189N:119:72W, h8km, ML3.3/17, Error ellipse: s-maj=3.5km s-min=2.8km az=84.0, NEIC 21 14:21:50.2:2.5, 41.188N:0.03:119:63W:0.01, h3km, 7km, Error ellipse: s-maj=4.5km s-min=1.5km az=175.0, Nevada

JMA 21 14:37:19.8:0.4, 21.169N:122:68E, h42km, M3.8, TAP 21 14:37:21.9, 21.78N:122:51E, h25km, 2km, ML3.6, D, ISC 21 14:37:16.6:1, 21.776N:122:67E:0.03, h2km, 11km, n110, s1975/189, Taiwan region

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like LAY Lan-yu, LDUT Ludao, LDUT Ludao, etc.

21d 15h

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

2015 FEB

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

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

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

NOU 21 17:38:32.4, 19:87S:178.16W, h619km, mb4.7, Fiji Islands Region
NEIC 21 17:38:33.0, 1.6, 19:8S:0.1x178.4W, 0.1, h595km, 7km, mb4.4/128, Error ellipse: s-maj=17.0km s-min=13.5km

IDC 21 17:38:33.4, 2.3, 19:74S:178.44W, h601km, 2.7km, mb3.6/16, mb1.3/9.16, mb1mx3.8/2.1, mbtmp4.5/16, Error ellipse: s-maj=18.0km s-min=15.0km az=139.0
ISC 21 17:38:33.2, 0.7, 19:82S:0.07x178.35W, 0.06, h605km, 8km, n227.1, r124/235, mb4.4/84, Fiji Islands region

Main table for 1027 containing station data for various codes like MSVF, NIUE, AFI, DZM, etc.

Main table for 2015 FEB containing station data for various codes like FITZ, SOEI, SOEI, etc.

Main table for 21d 17h containing station data for various codes like BRLL, E03A, TUC, etc.

Code Station Name Az Phase ID Time Res
WRA Warramunga Arr 17.96 124 P ISC h m s ISC
RES 17 59 20.3 +0.1

0.2nm, 0.6s, baz=312, slow=5.7, SNR=2.9

2015 FEB

MAN 21 18:19:28.2, 5.75N x 125.93E, h115km, mb4.9, ML3.8, MS3.8
DC 21 18:19:31.1, 1.6, 6.03N x 125.66E, h120km, 13km, mb3.9/25, mb1.4, 0.26, mb1mx3.9/42, mbtmp4.3/26, MS2.9, Ms1 2.9/3, ms1mx2.6/39, Error ellipse: s-maj=18.3km s-min=9.5km az=74.0

DJA 21 18:19:32.6, 8.8, 16.7 x 12.6E, h128km, 6M, 4.7/20, mb5.2/7, mb4.6/20, ML4.8/10, MW(mB)4.6/7
NEIC 21 18:19:32.3, 2.3, 6.06N x 125.86E, 0.09, h129km, 5km, az=72.0, Error ellipse: s-maj=13.5km s-min=8.5km

ISC 21 18:19:31.6, 0.5, 6.06N x 125.95E, 0.05, h125km, 4km, n204, s144/229, mb4.6/79, 2C-2D, Mindanao

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

Main seismic event table with columns: P, I, A, M, B, Time, Res, h m s, ISC. Lists numerous seismic events with their parameters and station data.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Lists seismic stations and their recorded events, including a section for '18:29.19, Southern IR'.

THR 21 18:27:32.4, 0.4, 30.01N x 60.81E, h14km, 6km, ML3.7
TEH 21 18:27:33.8, 0.12N x 60.84E, h14km, ML3.7
ISC 21 18:27:33.2, 1.3, 30.00N x 0.05, 60.93E, 0.09, h10km, n18, s128/19, Southern IR

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Lists seismic stations and their recorded events, including a section for '18:29.19, Southern IR'.

DC 21 18:52:40.2, 1.3, 22.77S x 171.60E, h0km, mb4.1/7,

mb1 4.3/8, mb1mx4.1/21, mbtmp4.1/8, ML3.7/1, MS3.3/4, Ms1 3.3/4, ms1mx3.0/21, Error ellipse: s-maj=57.1km s-min=23.6km az=158.0

NEIC 21 18:52:43.2, 2.2, 2.2, 91.5, 0.06: 171.54E:0.08, h22km, 4km, mb4.8/36, Error ellipse: s-maj=11.4km s-min=9.1km az=81.0

ISC 21 18:52:46.0, 4.0, 22.96S:0.07x171.57E:0.06, h49km, n105, e148/104, mb4.6/23, 6C, Southeast of Loyalty Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including CONA, CKCR, and others.

NEIC 21 19:10:12.8, 0.7, 45.74N:0.05, 26.55E:0.06, h146km, 1km, Error ellipse: s-maj=7.6km s-min=5.9km az=152.0

SIGU 21 19:10:12.8, 4.5, 78N:26.60E, h144km

IDC 21 19:10:13.1, 1.0, 45.87N:26.64E, h129km, 11km, mb3.1/2, mb1 3.1/6, mb1mx2.8/44, mbtmp3.5/6, Error ellipse: s-maj=27.1km s-min=16.6km az=98.0

BUC 21 19:10:13.1, 0.3, 45.69N:26.58E, h141km, 2km, m4.1/63, Error ellipse: s-maj=2.0km s-min=1.5km az=5.0

SOF 21 19:10:17.9, 4.5, 20N:26.45E, h15km, MD3.7

BE0 21 19:10:24.9, 0.7, 45.27N:25.21E, h5km, 4km, ML3.2/13

ISC 21 19:10:12.4, 0.6, 45.72N:0.03, 26.60E:0.02, h149km, 4km, n283, 1907/393, 130C, 112D, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including PLO, WT, MOA, WYKA, ABTA, WT, MOA, WYKA, etc.

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

DEV	Deva	2.59 275	↑P	Pn	19 10 55.5 +1.0
DEV			↓S	Sn	19 11 28.8 +1.9
SRE	Strehaia	2.62 247	↑P	Pn	19 10 55.1 +0.2
SRE	Strehaia	2.62 247	↓P	Pn	19 10 55.1 +0.2
SRE	Strehaia	2.62 247	↑P	Pn	19 10 55.1 +0.2
PVI	Pavlikeni	2.76 200	↑P	Pn	19 10 55.2 +1.8
SORM	Soroca	2.70 26	↑P	Pn	19 10 55.6 -0.2
SORM	Soroca	2.70 26	↑P	Pn	19 10 55.6 -0.2
SORM	Soroca	2.70 26	↑P	Pn	19 10 55.6 -0.2
SORM	Soroca	2.70 26	↑P	Pn	19 10 55.6 -0.2
GZR	Gura Zlata	2.70 264	↑P	Pn	19 10 56.8 +0.8
GZR	Gura Zlata	2.70 264	↑P	Pn	19 10 56.8 +0.8
GZR	Gura Zlata	2.70 264	↑P	Pn	19 10 56.8 +0.8
PLVB	Pleven	2.73 212	↑P	Pn	19 10 56.3 +0.1
PLVB	Pleven	2.73 212	↑P	Pn	19 10 56.3 +0.1
PLVB	Pleven	2.73 212	↑P	Pn	19 10 56.3 +0.1
KSV	Kosov	2.73 212	↑P	Pn	19 10 57.9 +0.8
KSV		2.80 339	↑P	Pm	19 10 58.7
KSV			↓S	Sn	19 11 31.7 -0.1
KSV			↓S	Sm	19 11 36.5
KMPD	K-Podol'skiy	2.85 358	↑P	Pn	19 10 56.3 -1.4
KMPD			↓P	Sn	19 11 29.3 -3.5
RAKU	Rahkiv	2.85 325	↑P	Pm	19 10 58.2 +0.5
RAKU			↓P	Sn	19 11 05.9
RAKU			↓S	Sn	19 11 33.1 +0.3
RAKU			↓S	Sm	19 11 43.9
BAIL	Bailesti	2.87 235	↑P	Pn	19 10 58.1 +0.1
BAIL			↓P	Sn	19 11 32.8 -0.4
BAIL	Bailesti	2.87 235	↑P	Pn	19 11 32.8 -0.4
BAIL			↓P	Sn	19 11 32.8 -0.4
NSLU	Nyzhne Selysch	2.88 330	↑P	Pn	19 11 04.3 +6.2
NSLU			↓P	Pm	19 11 14.5
NSLU			↓S	Sn	19 11 44.3 +1.1
NSLU			↓S	Sm	19 11 57.9
BMR	Baia Mare	2.90 314	↑P	Pn	19 10 58.9 +0.6
BMR	Baia Mare	2.90 314	↑P	Pn	19 10 58.9 +0.6
DRGR		2.90 293	↑P	Pn	19 10 58.1 -0.4
DRGR		2.90 293	↑P	Pn	19 10 58.1 -0.4
DRGR		2.90 293	↑P	Pn	19 10 58.1 -0.4
NDNU	Novodnistrovsk	2.93 10	↑P	Pm	19 10 58.9
NDNU			↓S	Sn	19 11 31.7 -2.8
NDNU			↓S	Sm	19 11 32.7
NDNU			↓S	Pn	19 10 59.0 0.0
RMGR	Halanga-Turnu	2.96 250	↑P	Pn	19 11 33.8 -1.3
RMGR	Halanga-Turnu	2.96 250	↑P	Pn	19 11 33.8 -1.3
RMGR	Halanga-Turnu	2.96 250	↑P	Pn	19 11 33.8 -1.3
PUNG	Punghina	2.97 242	↑P	Pn	19 10 58.6 -0.6
PUNG	Punghina	2.97 242	↑P	Pn	19 10 58.6 -0.6
HERR	Herculane	3.07 256	↑P	Pn	19 11 00.3 -0.2
HERR	Herculane	3.07 256	↑P	Pn	19 11 00.3 -0.2
HERR	Herculane	3.07 256	↑P	Pn	19 11 00.3 -0.2
DJES	Djerdap	3.07 251	↑P	Pn	19 10 59.9 -0.6
DJES			↓S	Sn	19 11 23.8 -1.4
JMB	Yambol	3.25 180	↑P	Pn	19 11 02.9 0.0
KORU	Korolevo	3.40 317	↑P	Pn	19 11 05.2 +0.5
TRSU	Trosnyk	3.45 315	↑P	Pn	19 11 05.7 +0.4
BZS	Buzias	3.49 270	↑P	Pn	19 11 06.3 +0.4
BZS			↓S	Sn	19 11 46.3 -1.2
BZS	Buzias	3.49 270	↑P	Pn	19 11 06.1 +0.2
BZS	Buzias	3.49 270	↑P	Pn	19 11 39.5 -8.0
BZS	Buzias	3.49 270	↑P	Pn	19 11 06.3 +0.4
BZS	Buzias	3.49 270	↑P	Pn	19 11 06.3 +0.4
HORU	Horodok	3.50 358	↑P	Pm	19 11 06.1 +0.1
HORU			↓P	Sn	19 11 06.4
HORU			↓S	Sn	19 11 45.9 -1.8
HORU			↓S	Sm	19 11 48.9
MDVR	Moldovita	3.58 257	↑P	Pn	19 11 07.4 +0.3
MDVR	Moldovita	3.58 257	↑P	Pn	19 11 47.9 -1.5
MDVR	Moldovita	3.58 257	↑P	Pn	19 11 07.4 +0.3
MDVR	Moldovita	3.58 257	↑P	Pn	19 11 47.9 -1.5
BRIU	Brid	3.59 318	↑P	Pn	19 11 07.7 +0.6
ZAGS	Zajecar	3.65 240	↑P	Pn	19 11 06.5 -1.4
ZAGS			↓S	Sn	19 11 07.4 +0.4
KUBS	Kucevo	3.72 251	↑P	Pn	19 11 08.0 -1.0
KUBS			↓S	Sn	19 11 40.8 -1.2
ZAPS	Zavoj	3.74 231	↑P	Pn	19 11 09.2 -0.1
ZAPS			↓S	Sn	19 11 44.3 -9.1
MUKU	Mukachevo	3.83 317	↑P	Pn	19 11 10.5 +0.3
MDRD	Moldvit	3.86 201	↑P	Pn	19 11 10.5 +0.3
EDRB	Edirne	3.87 178	↑P	Pn	19 11 11.8 +0.9
MORS	Morshin	3.88 333	↑P	Pn	19 11 12.1 +1.2
VTS	Vitosh	3.93 219	↑P	Pn	19 11 12.0 +0.2
VTS	Vitosh	3.93 219	↑P	Pn	19 11 12.0 +0.2
VTS	Vitosh	3.93 219	↑P	Pn	19 11 12.0 +0.2
VTS	Vitosh	3.93 219	↑P	Pn	19 11 11.8 0.0
HOLU	Holmetes	4.02 316	↑P	Pn	19 11 13.0 +0.2
BOVS	Bovan	4.06 241	↑P	Pn	19 11 12.8 -0.6
BOVS			↓S	Sn	19 11 59.7 -1.0
BOVS	Bovan	4.06 241	↑P	Pn	19 11 12.7 -0.6
BOVS	Bovan	4.06 241	↑P	Pn	19 11 12.7 -0.6
BOVS			↓S	Sn	19 11 59.7 -1.0
UZH	Uzhgorod	4.14 316	↑P	Pn	19 11 14.2 -0.1
KDZ	Kurdzhali	4.16 192	↑P	Pn	19 11 15.1 +0.5
STZU	Stuzhynets	4.26 322	↑P	Pn	19 11 17.3 +1.3
KOLJ	Kolonichev sedl	4.36 318	↑P	Pn	19 11 18.1 +0.9
BOSS	Bosilegrad	4.38 224	↑P	Pn	19 11 17.4 +0.4
BOSS			↓S	Sn	19 11 58.3 -1.0
GRUS	Gruza	4.57 248	↑P	Pn	19 11 19.9 -0.1
GRUS			↓S	Sn	19 12 10.9 -1.7
GRUS	Gruza	4.57 248	↑P	Pn	19 11 19.7 -0.3
GRUS	Gruza	4.57 248	↑P	Pn	19 12 01.4 -1.1
GRUS	Gruza	4.57 248	↑P	Pn	19 11 19.9 -0.1
GRUS			↓S	Sn	19 12 10.9 -1.7
PRVS	Prvonek	4.57 227	↑P	Pn	19 11 20.4 +0.3
PRVS			↓S	Sn	19 12 03.1 -1.0
RDO	Rodhopi	4.63 180	↑P	Pn	19 11 22.5 +1.6
TRUS	Trudelj	4.64 253	↑P	Pn	19 11 21.1 +0.1
TRUS			↓S	Sn	19 12 02.6 -1.2
CRVS	Cervenica-Dubn	4.73 314	↑P	Pn	19 11 23.0 +0.9
NVR	Nevrokopi	4.80 205	↑P	Pn	19 11 23.9 +0.8
FRGS	Fruska Gora	4.81 266	↑P	Pn	19 11 24.2 +1.0
ALN	Alexandroupoli	4.83 185	↑P	Pn	19 11 24.1 +0.5
DIVS	Divibare	4.96 253	↑P	Pn	19 11 25.0 +0.2
DIVS			↓S	Sn	19 12 11.8 -1.0
DIVS	Divibare	4.96 253	↑P	Pn	19 11 25.2 -0.1
KECS	Kecevo	5.01 306	↑P	Pn	19 11 25.9 +0.1
IVAS	Ivanjica	5.07 247	↑P	Pn	19 11 26.4 -0.3
IVAS			↓S	Sn	19 11 17.7 -1.3
SRS	Serrai	5.09 207	↑P	Pn	19 11 28.8 +1.8
PSZ	Piszkesteto	5.10 298	↑P	Pn	19 11 26.0 -1.1
STIP	Stip	5.14 220	↑P	Pn	19 11 25.3 -2.2
SEV	Sevastopol'	5.14 101	↑P	Pn	19 11 27.3 -0.2
SEV			↓P	Pm	19 11 27.8
SEV			↓S	Sn	19 12 25.7 -0.7
SEV			↓S	Sm	19 12 26.3
SEV			↓S	Pn	19 11 28.8 -0.7
AKASG	Malin Array B	5.29 18	↑P	Pn	19 12 25.6 -4.0
AKASG			↓S	Sn	19 12 25.6 -4.0
AKASG			↓S	Sm	19 12 25.6 -4.0
AKASG			↓S	Pn	19 11 27.9 -1.6
AKAB	Malin Array S	5.29 18	↑P	Pn	19 11 29.1 -0.3
THAS	Thassos island	5.29 196	↑P	Pn	19 11 32.6 +3.0
BBLJ	Lazij+2631	5.44 253	↑P	Pn	19 11 32.2 +0.5
MORH	Mrogy, Hungary	5.57 178	↑P	Pn	19 11 34.3 +0.9
MORH	Mrogy, Hungary	5.57 178	↑P	Pn	19 11 34.1 +0.9
ALU	Alushta	5.61 98	↑P	Pn	19 11 32.2 -1.6
ALU			↓P	Pm	19 11 36.0
ALU			↓S	Sn	19 12 35.1 -2.3
ALU			↓S	Sm	19 12 35.3
SUDU	Sudak	5.98 95	↑P	Pn	19 11 38.5 -0.2
SUDU			↓P	Pm	19 11 41.8
SUDU			↓S	Sn	19 12 46.3 0.0
SUDU			↓S	Sm	19 12 46.5
PAIG	Paliouri	6.17 201	↑P	Pn	19 11 43.2 +1.9
ENA	Enna	6.23 220	↑P	Pn	19 11 42.1 0.1
FEQ	Feodosiya	6.23 93	↑P	Pn	19 12 47.5 -4.8
FEQ			↓S	Sm	19 12 51.7
LIT	Litokhoron	6.37 210	↑P	Pn	19 11 44.2 +0.2
XOR	Xorichiti	6.83 203	↑P	Pn	19 11 52.3 +2.2
AGG	Agios Georgios	7.04 207	↑P	Pn	19 11 57.9 +0.2
BRTR	Keskin Array B	7.92 137	↑P	Pn	19 12 05.1 +0.3
BRTR			↓S	Sn	19 12 05.1 +0.3
NACGM	Naroch	9.20 24	↑P	Pn	19 12 21.4 -0.1
NACGM			↓P	Pm	19 12 21.4 -0.1
NACGM			↓S	Sn	19 12 21.4 -0.1
NACGM			↓S	Sm	19 12 21.4 -0.1
ITM	Ithomi	9.22 204	↑P	Pn	19 12 22.8 +0.8
TIP	Timpanage	9.77 232	↑P	Pn	19 12 28.6 -0.8

BRG	Berggiesshubel	9.88 306	eP	Pn	19 12 26.1 -4.5
BRG			↓S	Sn	19 12 27.3
FINCA	Norcia	10.09 258	eP	Pn	19 12 35.8 +2.2
NRES	FINESS Array B	15.76 359	eP	Pn	19 13 42.3 -3.5
HFS	Hagfors	16.35 337	eP	Pn	19 13 53.1 0.0
NOA	NORSAR Array B	17.80 335	eP	Pn	19 14 09.4 +0.1
ARCS	ARCESS Array B	23.89 359	eP	Pn	19 15 12.9 +1.1
MKAR	Makanchi Array	37.74 68	eP	Pn	19 17 16.7 +2.4
MKAR			↓S	Sn	19 17 16.7 +2.4

JMA 21 19:18:16.0±0.1, 24:09N:123.58E, h18km±2km, M1.5, Southwestern Ryukyu Islands

Code	Station Name	Δ° AZZ°	Phase ID	Time Res	ISC
HATJ	Hateruma jima	0.21 99	Op	ISC	h m s ISC
IRIF	Iriomote-Funau	0.22 28	P	ISC	h m s ISC
IRIF			↓S	Sn	19 18 20.0 -0.1
IRIF			↓S	Sm	19 18 22.0 -0.2
JKRS	Kuro-shima	0.42 69	P	ISC	h m s ISC
JKRS			↓S	Sn	19 18 26.4 0.0
JKRS			↓S	Sm	19 18 24.6 0.0
JJU	Ishigaki jima	0.58 62	P	ISC	h m s ISC
JJU			↓S	Sn	19 18 31.0 +0.1
JJU			↓S	Sm	19 18 26.9 -0.7
YOJ	Yonaguni jima	0.64 306	P	ISC	h m s ISC
YOJ			↓S	Sn	19 18 28.6 0.0
YOJ			↓S	Sm	19 18 37.1 0.0
JISG	Ishigakijimahi	0.83 53	P	ISC	h m s ISC
JISG			↓S	Sn	19 18 31.3 -0.6
JISG			↓S	Sm	19 18 42.9 +0.2
JTU	Tarama	1.16 62	S	ISC	h m s ISC
JTU			↓S	Sn	19 18 52.3 0.0

TAP 21 19:18:21.4, 24:31N:121.44E, h8km, M0.7, B, Taiwan

Code	Station Name	Δ° AZZ°	Phase ID	Time Res	ISC
ETHL	Xiulin Townshi	0.11 157	Op	ISC	h m s ISC
ETHL			↓S	Sn	19 18 23.9 -0.1
ETHL			↓S	Sm	19 18 25.5 -0.2
NNSB	Datong	0.13 338	eP	Pg	19 18 24.4 0.0
NNSB			↓S	Sn	19 18 26.4 0.0
NNSB			↓S	Sm	19 18 26.4 0.0
NNSH	Datong	0.13 338	P	ISC	h m s ISC
NNSH			↓S	Sn	19 18 24.4 0.0
NNSH			↓S	Sm	19 18 26.4 -0.1
NNS	Nan Shan	0.14 337	eP	Pg	19 18 24.7 +0.1
NNS			↓S	Sn	19 18 26.7 0.1
FUSS	Fushou	0.18 252	eP	Pg	19 18 25.3 0.0
FUSS			↓S	Sn	19 18 28.0 0.0
FUSS			↓S	Sm	19 18 25.1
NACB	Ninganchiao	0.20 132	eP	Pg	19 18 25.4 0.0
NACB			↓S	Sn	19 18 28.7 +0.6
NACB					

21d 19h

2019 FEB

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Table with columns: Station Name, Frequency, Power, Mode, and SNR. Includes stations like Columbia Colle, Simmler, Modoc Plateau, etc.

Table with columns: Station Name, Frequency, Power, Mode, and SNR. Includes stations like FINES, TXAR, MXTX, ULM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and SNR. Includes stations like ARSA, NRDL, TANN, WERD, etc.

M56A	Emporium	126.08	41	P	PKPdf	20 00 58.2	-0.8
L56A	Greenwood	126.17	40	P	PKPdf	20 00 58.0	-1.2
G57A	Newtown	126.18	36	P	PKPdf	20 00 57.9	-1.1
D58A	Chemin du Lac	126.20	33	P	PKPdf	20 00 57.5	-1.5
N50A	West Decatur	126.28	42	P	PKPdf	20 00 58.3	-1.1
B602	Sierra Bellavi	126.28	141	PKPdf	PKIKP	20 01 00.3	+0.1
H57A	Richville	126.30	37	P	PKPdf	20 00 58.1	-1.2
O56A	Blue Knob Stat	126.40	43	P	PKPdf	20 00 58.7	-1.0
E58A	La Victoria	126.42	34	P	PKPdf	20 00 57.7	-1.8
BLA	Blacksburg	126.43	47	P	PKPdf	20 00 58.8	-1.0
Q56A	Snyder Ridge	126.53	45	P	PKPdf	20 00 59.7	-0.2
K57A	Scipio Center	126.53	39	P	PKPdf	20 00 59.0	-0.8
KM5C	Kings Mountain	126.56	50	P	PKPdf	20 00 59.5	-0.5
P56A	Dayton Farm, R	126.57	44	P	PKPdf	20 00 59.2	-0.7
LONV	Lake Ozonia	126.69	36	P	PKPdf	20 00 58.5	-1.6
L57A	Andrews Acres	126.69	40	P	PKPdf	20 00 59.1	-1.0
G58A	Ormstown	126.70	36	P	PKPdf	20 00 58.8	-1.2
T56A	Rocky Mt	126.79	47	P	PKPdf	20 00 59.9	-0.5
U56A	King	126.81	48	P	PKPdf	20 01 00.3	-0.2
M57A	Sunshine Farm,	126.85	41	P	PKPdf	20 01 00.2	-0.3
N57A	Milroy	126.85	42	P	PKPdf	20 00 59.7	-0.7
N56A	Natural Bridge	126.86	46	P	PKPdf	20 00 60.0	-0.6
V56A	Mocksville	126.93	49	P	PKPdf	20 00 57.9	-2.9
I58A	Old Forge	126.98	38	P	PKPdf	20 00 57.6	-3.1
H58A	Gabriels	127.04	36	P	PKPdf	20 01 00.0	-0.8
O57A	Amberston	127.06	43	P	PKPdf	20 01 00.1	-0.8
K58A	Earlville	127.06	39	P	PKPdf	20 00 59.2	-1.7
Q57A	Strasburg	127.08	44	P	PKPdf	20 01 00.3	-0.7
W56A	Indian Trail	127.13	50	P	PKPdf	20 01 00.6	-0.5
P57A	Homestead Farm	127.14	44	P	PKPdf	20 01 00.2	-0.8
BNV	Binghamton	127.14	40	P	PKPdf	20 01 00.1	-0.9
FRNY	Flat Rock	127.15	36	PKPdf	PKPdf	20 01 00.1	-0.8
MATN	Matapoga	127.18	78	P	PKPdf	20 01 01.9	0.0
S57A	Dark Hollow, R	127.26	46	P	PKPdf	20 01 00.0	-1.3
L58A	Harry Jones Me	127.31	40	P	PKPdf	20 01 01.0	-0.3
R57A	Stanardsville	127.33	45	P	PKPdf	20 01 01.1	-0.4
N58A	Sunbury	127.36	41	P	PKPdf	20 01 01.0	-0.4
D60A	Saint Jean D'O	127.37	32	P	PKPdf	20 00 60.0	-1.2
T57A	Hurt	127.37	47	P	PKPdf	20 01 01.0	-0.6
J59A	Piesco	127.38	38	P	PKPdf	20 01 00.3	-1.2
F60A	Warwick	127.40	34	P	PKPdf	20 01 00.8	-0.5
E60A	Ste Agathe de	127.43	33	P	PKPdf	20 01 00.5	-0.9
V57A	Coltrane Farms	127.44	48	P	PKPdf	20 01 00.7	-1.0
U57A	Blanch	127.54	48	P	PKPdf	20 01 01.6	-0.3
K59A	Cooperstown	127.55	38	P	PKPdf	20 01 01.2	-0.6
D61A	St Aubert, Com	127.57	31	P	PKPdf	20 01 01.1	-0.5
O58A	Lewisberry	127.58	42	P	PKPdf	20 01 01.0	-0.9
Q58A	Fox Den Farm,	127.62	44	P	PKPdf	20 01 00.9	-1.1
R58A	Rapidan	127.69	45	P	PKPdf	20 01 01.4	-0.7
M59A	Waymart	127.84	40	P	PKPdf	20 01 02.1	-0.3
I60A	Shoreham	127.90	36	P	PKPdf	20 01 02.2	-0.1
E61A	Lac Etchemin	127.90	32	P	PKPdf	20 01 02.3	-0.1
T58A	Grand View Acr	127.91	47	P	PKPdf	20 01 02.0	-0.6
F61A	St Evariste	127.92	33	P	PKPdf	20 01 02.1	-0.3
R58B	Mineral	127.93	45	P	PKPdf	20 01 02.0	-0.6
N59A	State Game Lan	127.94	41	P	PKPdf	20 01 02.1	-0.5
S58A	Poland Farm, P	127.97	46	P	PKPdf	20 01 01.5	-1.2
O59A	Robesonia	127.98	42	P	PKPdf	20 01 02.4	-0.3
U58A	Oxford	128.13	47	P	PKPdf	20 01 02.5	-0.6
P59A	Jarrettsville	128.16	43	P	PKPdf	20 01 02.6	-0.4
J60A	Lant Hill Farm	128.16	37	P	PKPdf	20 01 02.0	-0.9
W58A	Raeoford	128.19	49	P	PKPdf	20 01 03.0	-0.2
D62A	Allapoint, All	128.23	31	P	PKPdf	20 01 02.1	-0.7
H61A	Lyndonville	128.28	35	P	PKPdf	20 01 03.0	-0.1
R59A	King George, V	128.36	45	P	PKPdf	20 01 03.6	+0.2
Q59A	Harwood	128.37	44	P	PKPdf	20 01 03.5	+0.1
N60A	Cedar Hill Far	128.40	41	P	PKPdf	20 01 03.1	-0.3
O60A	Telford	128.49	41	P	PKPdf	20 01 02.8	-0.8
K61A	Williamstown	128.58	38	P	PKPdf	20 01 03.1	-0.6
P60A	Greenville	128.59	42	P	PKIKP	20 01 04.2	-0.2
J61A	Chester	128.62	37	P	PKPdf	20 01 03.6	-0.2
G62A	West of Eustis	128.65	34	P	PKIKP	20 01 04.2	-0.3
C003	El Pedregal	128.85	137	PKIKP	PKIKP	20 01 05.1	-0.3
E63A	Oxbow	128.89	31	P	PKIKP	20 01 05.0	-0.1
M61A	Granite Spring	129.02	39	P	PKPdf	20 01 03.5	-1.1
L61B	Northampton	129.06	38	P	PKPdf	20 01 03.7	-0.9
PAL	Palisades	129.10	40	P	PKPdf	20 01 04.9	+0.1
T60A	Surry	129.12	46	P	PKIKP	20 01 05.4	-0.1
J62A	Henniker	129.13	36	P	PKIKP	20 01 06.3	+0.9
K62A	Royalston	129.21	37	P	PKPdf	20 01 04.6	-0.3
G63A	Kingsbury	129.21	33	P	PKPdf	20 01 04.9	+0.1
X60A	Albert Glenn T	129.32	49	P	PKPdf	20 01 05.6	+0.3
CO01	Juntas del Tor	129.79	137	PKIKP	PKIKP	20 01 08.0	+0.4
LCO	Las Campanas	129.96	135	PKIKP	PKIKP	20 01 07.9	-0.1
G65A	Princeton	130.26	32	P	PKPdf	20 01 06.8	0.0
KEST	Kesra	130.97	314	PKP	PKIKP	20 01 09.5	0.0
ATAH	Atahualpa	132.85	105	PKP	PKIKP	20 01 15.1	+0.8

GO02	Mina Guanaco	133.03	132	PKPdf	PKIKP	20 01 14.7	+0.4
GR1C	Gorgona, Isla	134.75	91	ePKP	PKIKP	20 01 17.1	-0.5
BBAC	Balboa, Cauca	135.58	93	ePKP	PKPdf	20 01 17.8	-0.2
POC	IPC Station P	136.14	127	ePKP	PKIKP	20 01 20.0	-0.4
POPC	Popayan, Colom	136.19	92	ePKP	PKPdf	20 01 18.5	-0.7
PCON	Cinco Dias	136.45	92	ePKP	PKIKP	20 01 21.1	-0.7
YOTC	Yotoco, Valle	136.60	90	ePKP	PKPdf	20 01 19.1	-0.7
PB16	IPOC Station P	136.77	124	PKPdf	PKIKP	20 01 22.3	-0.3
PBRG	Braganca	137.04	331	ePKP	PKIKP	20 01 22.1	+0.7
CBOC	Ciudad Bolivar	137.06	97	ePKP	PKPdf	20 01 19.3	-0.8
ESDC	Seneca Arr	137.18	327	PKHkp	PKPpre	20 01 08.4	
ESDC	comp=2.0,7nm,0.7s,baz=173,slow=8.1,SNR=6.9						
ESDC	comp=2.1,0nm,0.6s,baz=26,slow=2.1,SNR=10.0						
ESDC	GR 17 18 327			PKPdf	PKIKP	20 01 19.1	-1.0
UREC	San Jos de Ur	137.56	85	ePKP	PKPdf	20 01 20.4	-1.0
MVO	Moncorvo	137.67	31	ePKP	PKIKP	20 01 23.3	+0.4
GUVC	Guayana, Caldas	137.68	88	ePKP	PKPdf	20 01 20.8	-1.4
ORTC	Ortega, Tolima	137.73	90	ePKP	PKPdf	20 01 13.2	-8.6
LOL	Lamas de Oio	137.88	232	PKP	PKIKP	20 01 25.0	+1.6
PVRL	Vila Real	137.91	93	ePKP	PKIKP	20 01 24.9	+1.5
PLTB	Pedras Altas	137.97	153	ePKP	PKPdf	20 01 16.4	-5.0
PRAC	Prado	138.07	91	ePKP	PKPdf	20 01 14.4	-8.0
MTE	Manteigas	138.51	330	ePKP	PKIKP	20 01 26.2	+1.5
ROSC	El Rosal	138.70	89	PKP	PKPdf	20 01 24.5	+0.5
ROSC	El Rosal	138.70	89	PKP	PKIKP	20 01 24.4	+0.4
ROSC	El Rosal	138.70	89	PKP	PKIKP	20 01 25.6	-0.6
PCBR	Castelo Branco	138.90	30	ePKP	PKIKP	20 01 26.9	+1.5
LPAZ	La Paz	138.91	122	PKIKP	PKPpre	20 01 16.6	
LPAZ	La Paz	138.91	122	PKIKP	PKP	20 01 25.5	+1.0
LPAZ	La Paz	138.91	122	PKP	PKP	20 01 25.5	+1.0
LPAZ	La Paz	138.91	122	PKP	PKP	20 01 15.8	-8.8
SPBC	San Pablo de B	138.98	88	ePKP	PKPdf	20 01 20.4	-3.7
PCSB	Capacaba Do Su	138.98	152	ePKP	PKP	20 01 19.3	-4.9
CHIC	Chiriqui	139.28	99	ePKP	PKP	20 01 19.8	-7.3
OCAC	Ocana	139.75	84	ePKP	PKP	20 01 21.2	-4.4
RUSC	La Rusia	139.97	87	ePKP	PKP	20 01 16.9	-1.0
PAMC	Pamplona, Colo	140.37	85	ePKP	PKP	20 01 20.8	-6.3
CPUP	Villa Florida	140.43	144	PKIKP	PKPpre	20 01 17.5	
PBEJ	Beja	140.47	328	ePKP	PKIKP	20 01 30.4	+1.8
PNCL	Nicolau / Gran	140.75	329	ePKP	PKIKP	20 01 31.2	+2.0
MESJ	Mesajana	140.79	329	ePKP	PKIKP	20 01 31.0	+1.7
URIC	Uribia, Colomb	140.85	78	ePKP	PKP	20 01 22.1	-5.2
CHIC	Chiriqui	140.89	328	ePKP	PKIKP	20 01 31.7	+1.9
SDV	Santo Domingo	142.38	83	PKIKP	PKPpre	20 01 26.7	
SDV	Santo Domingo	142.38	83	ePKP	PKP	20 01 26.9	-3.4
SDV	Santo Domingo	142.38	83	ePKP	PKP	20 01 27.1	-3.3
ADOP	Arcejo Observ	144.55	151	ePKP	PKP	20 01 26.8	-3.1
ICMP	Isla Caba de M	144.89	67	ePKP	PKPbc	20 01 32.9	-1.1
TOAD	Torodi Ar. Sit	145.12	285	PKPbc	PKPbc	20 01 33.3	-1.6
TOAD	Torodi Ar. Bea	145.12	285	PKPbc	PKPbc	20 01 33.9	-0.9
TORD	Torodi Ar. Bea	145.12	285	PKPbc	PKPbc	20 01 34.3	-0.6
SJG	San Juan	145.17	66	PKPbc	PKP	20 01 34.1	-0.7
SJG	San Juan	145.17	66	ePKP	PKP	20 01 32.2	-2.7
PDRP	Patillas Dam,	145.31	66	ePKP	PKP	20 01 34.5	-0.6
CBVE	Canovanas	145.39	66	ePKP	PKP	20 01 34.1	-1.2
CUPR	Culebra, Puerto	145.90	65	ePKP	PKP	20 01 36.5	+0.4
SAML	Samuel	146.52	115	PKIKP	PKPbc	20 01 38.2	-0.9
SAML	Samuel	146.52	115	ePKP	PKPbc	20 01 38.2	-0.9
SAML	Samuel	146.52	115	ePKP	PKP	20 01 37.2	-0.1
PCMB	Piedra Blanca	147.45	154	ePKP	PKP	20 01 41.7	+1.3
SPB	San Paulo	147.75	154	ePKP	PKPbc	20 01 42.1	0.0
PCRV	Puerto La Cruz	148.19	80	PKPbc	PKPbc	20 01 42.2	-1.5
BPA	Boggy Peak	149.39	66	ePKP	PKPbc	20 01 46.5	0.0
ANBD	Antidesa, Anti	149.48	66	ePKP	PKP	20 01 46.2	-0.5
KOWA	Kowa	150.27	290	PKP	PKP	20 01 43.6	+0.3
KOWA	Kowa	150.27	290	PKPbc	PKPbc	20 01 48.7	0.0
FDL	Fort de France	150.71	70	PKIKP	PKPbc	20 01 49.9	+0.1
FDL	Fort de France	150.71	70	PKPbc	PKPbc	20 01 49.9	+0.1
SVB	Belmont	150.97	73	PKPbc	PKPbc	20 01 49.1	-1.2
TCID	Tinidad (W)	151.29	79	PKPbc	PKPbc	20 01 47.9	-0.2
ARAG	Araguaiana, MT	151.76	139	ePKP	PKP	20 01 47.1	+1.5
KIC	Kosan Boka	152.03	273	ePKIKP	PKIKP	20 01 53.0	-0.1
DBIC	Dimboko	152.14	274	PKPbc	PKPbc	20 01 53.0	-0.1
DBIC	Dimboko	152.14	274	PKPbc	PKPbc	20 02 04.2	+0.6
DBIC	Dimboko	152.14	274	PKIKP	PKPbc	20 01 53.0	-0.1
PTGA	Pitinga	152.22	102	PKP			

21d 20h

Table with columns for station name, coordinates, and various data points. Includes stations like MDJ, TAOE, ENH, ENH, SLVN, GSI, etc.

2015 FEB

Table with columns for station name, coordinates, and various data points. Includes stations like NEA2, I23K, I23K, I23K, etc.

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Table with columns for station name, coordinates, and various data points. Includes stations like AAA, IZV, IZV, IZV, etc.

NNC 21 20:02:23.57, 0.42, 58N, 84.53E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=60.9km s-min=26.6km az=146.0

SOME 21 20:02:24.2, 41.93N, 83.62E, h15km

ISC 21 20:02:23.5, 2.9, 42.3N, 0.1, 84.5E, 0.1, h10km, n19, e216/37, 7C-2D, Northern Xinjiang

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

TAP 21 20:03:02.0, 24.03N, 122.85E, h20km, ML2.8, D JMA 21 20:03:02.1, 0.1, 24.03N, 122.89E, h33km, 3km, M2.5

ISC 21 20:03:01.0, 1.3, 23.98N, 102.03E, 122.88E, 0.02, h19km, 3km, n93, e193/136, 1D, Taiwan region

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

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Table with columns: WHP, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like Tarama, Beigang Elemen, Sun Moon Lake, etc.

BJJ 21 20:05:43.0 0.0, 42.59N-83.98E, h10km, mb4.4/4, mb4.2/14, ML4.2/11, Ms4.0/4, Ms7.3/7.4
SOME 21 20:05:44.3, 42.65N-83.75E, h15km, MS3.7
IDC 21 20:05:45.7-7.2, 42.67N-84.08E, h29km, 18km, mb4.0/22, mb1.4/1.29, mb1mx3.9/43, mbmp4.1/29, ML3.6/7, MS3.4/3, Ms1.3/4.3, ms1mx2.9/36, Error ellipse: s-maj=14.5km s-min=12.0km az=30.0
NEIC 21 20:05:45.9 1.1, 42.59N-0.07-83.96E, 0.08, h29km, 5km, mb4.5/48, Error ellipse: s-maj=10.6km s-min=8.6km az=186.0
NNC 21 20:05:47.2-1.7, 42.85N-83.78E, h0km, mb4.8, mpv4.5, Error ellipse: s-maj=13.9km s-min=6.8km az=140.0
ISC 21 20:05:43.2-0.3, 42.70N-0.04-84.19E, 0.02, h10km, n176, -185/206, mb4.3/53, 21C-8D, Northern Xinjiang

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like Urumqi, Ketmen, Jarkent, etc.

2015 FEB

Main table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like UZB Uzunbulak, UZB 933nm, 5.0s, UZB 54nm, 0.4s, etc.

21d 20h

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like AAK 25nm, 0.7s, AAK 19nm, 0.7s, AAK Alarchoy, etc.

21d 20h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like ELL Elmali, GSI Gunungsitoli, VTS Vitosa, etc.

TAP 21 20:35:16.8, 24:75'N; 122:25'E, h90km, ML3.1, B
JMA 21 20:35:16.5, 0.2, 24:73'N; 122:23'E, h92km, 2km, M2.5
ISC 21 20:35:17.3, 1.3, 24:77'N; 0:03, 122:26'E, 0.02, h86km, 6km,

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like TWB1 Santiao Chiao, NTC Toucheng, etc.

2015 FEB

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like NNDH Xindian Distri, JYNG Yangonijimaku, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like IRIF Iriote-Funau, NSY Sanyi, etc.

IDC 21 20:39:04.2, 9.7, 6:50S; 130:61E, h55km, 93km, mb3.7/2,
mb1 3.9/4, mb1mx3.4/19, mbtmp4.0/4, ML4.1/2, Error
ellipse: s-min=3.7, 8km s-min=3.6, 3km az=62.0, Banda
Sea

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

INET 21 20:46:41.1, 9:38'N; 84:52'W, h0km, MW3.8
UCR 21 20:46:41.5, 2.0, 9:41'N; 84:56'W, h0km, 3km, MD3.6,
MW4.5
UPA 21 20:46:43.7, 2.5, 9:54'N; 84:51'W, h10km, 14km, MW4.9
NEIC 21 20:46:46.1, 2.8, 9:61'N; 0:07, 84:47'W; 0.04, h38km, 6km,
mb4.5/21, ML4.5(UCR), Error ellipse: s-maj=10.0km
s-min=6.2km az=186.0
IDC 21 20:46:47.5, 2.3, 10:27'N; 84:29'W, h30km, 18km, mb3.9/15,
mb1 4.1/17, mb1mx4.0/38, mbtmp4.1/17, ML3.1/2, MS3.9/4,
Ms1 3.9/4, ms1mx3.3/27, Error ellipse: s-maj=27.1km
s-min=16.1km az=48.0
ISC 21 20:46:43.7, 0.8, 9:51'N; 0:04, 84:52'W; 0.03, h26km, 5km,

Code	Station Name	n114, o1s40/130, mb4.3/25, MS4.0.3, 5D, Costa Rica	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
JACO	JACO, Garabito	0.21 317	Op	ISC		Pb	20 46 48.9	-0.6
JACO	JACO	0.49 307	eS	Pb		Pb	20 46 54.0	+0.5
LAFC	Finca La Fe, P	0.56 66	eP	Pb		Pb	20 46 53.7	-0.1
LCR2	La Lucha 2	0.57 4	eP	Pb		Pb	20 46 54.9	-0.1
SRA1	San Ramn	0.56 4	eP	Pb		Pb	20 46 55.8	-0.6
SJS	Escuela Geolog	0.62 47	eP	Pn		Pn	20 46 56.5	-0.5
HDC	Heredia	0.63 39	iP	Pn		Pn	20 46 56.9	-0.3
HDC	Heredia	0.63 39	eS	Pn		Pn	20 47 05.5	-0.9
HDC	Heredia	0.63 39	eP	Pn		Pn	20 46 56.9	-0.3
HDC	Heredia	0.63 39	eP	Pn		Pn	20 46 56.8	-0.3
HDC	Heredia	0.63 39	eP	Pn		Pn	20 47 04.9	-1.5
HDC3	Heredia 3	0.63 39	eP	Pn		Pn	20 46 56.9	-0.3
RIMA	Rio Macho	0.69 68	eP	Pb		Pb	20 46 57.2	-0.2
EDDO	Dominical	0.69 112	eP	Pb		Pb	20 46 55.8	-1.4
CDM2	Cerro de Muert	0.74 97	eP	Pb		Pb	20 47 57.7	-0.6
CDM	Cerro de Muert	0.74 97	eS	Pn		Pn	20 47 11.5	+1.8
PEZE	Perez Zeledon,	0.84 99	eP	Pn		Pn	20 46 58.6	-1.1
JTS	Las Juntas de,	0.89 331	Pg	Pn		Pn	20 47 00.1	-0.5
JTS	293nm,0.3s,baz=355,slow=20,SNR=9.0	0.89 331	eP	Lg		Lg	20 47 10.2	
JTS	Las Juntas de,	0.89 331	eP	Pn		Pn	20 47 00.2	-0.5
JTS	Las Juntas de,	0.89 331	eS	Pn		Pn	20 47 13.0	+4.0
JTS	Las Juntas de,	0.89 331	eP	Pn		Pn	20 47 00.0	-0.5
JTS	Las Juntas de,	0.89 331	eP	Pn		Pn	20 47 03.5	-1.0
JTS	Las Juntas de,	0.89 331	eP	Pn		Pn	20 47 11.5	-1.1
CVTR	Volcan Turrial	0.90 56	eP	Pn		Pn	20 47 01.5	+0.3
VTUC	Crater, Volcan	0.90 56	eP	Pn		Pn	20 47 01.5	+0.4
CASO	Castillo	0.94 347	iP	Pn		Pn	20 47 01.9	+0.5
CSO	Castillo	0.94 347	iP	Pn		Pn	20 47 17.4	+3.4
EDLM	Las Mercedes	0.94 104	eP	Pn		Pn	20 47 02.4	+0.8
FORC	Fortuna	0.96 351	iP	Pn		Pn	20 47 02.4	+0.8
ARE1	Arenal 1	0.96 348	eP	Pn		Pn	20 47 02.7	+1.0
ARE1	Arenal 1	0.96 348	eS	Pn		Pn	20 47 18.8	+4.2
CEDE	Laguna Cedeo	0.99 349	iP	Pn		Pn	20 47 01.9	-0.1
PLVR	Palvo Verde	1.17 315	eP	Pn		Pn	20 47 03.1	-0.5
EDPN	Palmar Norte	1.17 317	eP	Pn		Pn	20 47 03.5	-1.0
COVE	Coope Vega, Sa	1.21 5	eP	Pb		Pb	20 47 05.9	-0.0
ORTG	Ortega, Santa	1.26 312	eP	Pn		Pn	20 47 05.2	-0.6
EDBA	Buenos Aires	1.27 106	eP	Pn		Pn	20 47 05.2	-0.7
RIOS	Rincon, Osa	1.28 129	eP	Pn		Pn	20 47 06.5	+0.6
DRKO	Durika	1.28 101	eP	Pn		Pn	20 47 06.9	+0.2
DRKO	Durika	1.28 101	eS	Pb		Pb	20 47 24.3	+0.9
DRKO	Durika	1.28 101	eP	Pn		Pn	20 47 06.0	-0.1
CUI	Cuipilapa	1.31 331	iP	Pn		Pn	20 47 06.2	-0.1
CUI	Cuipilapa	1.31 331	iS	Pb		Pb	20 47 26.1	+2.1
COLC	Colonia	1.33 329	iP	Pb		Pb	20 47 07.2	+0.4
COLC	Colonia	1.33 329	iS	Pb		Pb	20 46 55.5	+1.7
HORNK	Hornillas	1.36 331	eP	Pn		Pn	20 47 08.1	-0.5
GUAB	Guayabo de Bag	1.38 329	iP	Pb		Pb	20 47 08.1	-0.8
GUAB	Guayabo de Bag	1.38 329	iP	Pn		Pn	20 47 08.3	+0.9
LM1	Limonal	1.38 328	iP	Pb		Pb	20 47 08.5	-0.5
GPS2	Hotel Rincon d	1.48 326	iP	Pb		Pb	20 47 08.9	+0.2
LAPC	Finca La Perla	1.54 324	iP	Pn		Pn	20 47 09.0	-0.6
GB1A	Borinquen Arri	1.56 326	iP	Pb		Pb	20 47 11.2	-0.9
GB1A	Borinquen Arri	1.56 326	iS	Pb		Pb	20 47 35.0	+3.5
HZTE	Horizontes, Gu	1.60 318	eP	Pb		Pb	20 47 12.1	-0.5
PIRO	Carate, Puerto	1.60 133	eP	Pn		Pn	20 47 12.2	+1.8
PIRO	Carate, Puerto	1.60 133	eS	Pn		Pn	20 47 12.2	+1.8
PIRO	Carate, Puerto	1.60 133	eP	Pn		Pn	20 47 12.2	+1.8
EDSV	San Vito	1.67 114	eP	Pn		Pn	20 47 14.0	+0.1
CCOL	Caracol de Cor	1.84 126	eP	Pn		Pn	20 47 16.4	+2.2
BRU2	Volcan	1.98 111	eP	Pn		Pn	20 47 15.1	-0.1
BRU2	Volcan	1.98 111	eP	Pn		Pn	20 47 14.5	-0.7
CR02	El Empalme, Bo	2.02 92	eP	Pn		Pn	20 47 16.9	+0.5
BOC2	Palмира	2.12 112	eP	Pn		Pn	20 47 17.1	-0.5
CHGR2	Aguaicate	2.41 103	eP	Pn		Pn	20 47 21.7	+0.1
CHGR2	Aguaicate	2.41 103	eS	Pn		Pn	20 47 52.3	+2.1
ACON	Acocypa	2.53 345	eP	Pn		Pn	20 47 24.4	+1.3
ALON	Acocypa	2.53 345	eP	Pn		Pn	20 47 24.3	+1.3
ESPN	Las Esperanzas	2.67 5	eP	Pn		Pn	20 47 27.3	+2.1
ESPN	Las Esperanzas	2.67 5	eP	Pn		Pn	20 47 27.1	+1.9
BOAB	BOACO BROADBA	13 339	eP	Pn		Pn	20 47 32.8	+1.4
MATN	Matagalpa	3.67 338	eP	Pn		Pn	20 47 40.4	+1.4
GMAL	Guarumal, Vera	3.68 118	eP	Pn		Pn	20 47 39.3	+0.3
CRIN	San Cristobal	4.03 322	eP	Pn		Pn	20 47 40.2	+4.6
CRIN	San Cristobal	4.03 322	eP	Pn		Pn	20 47 40.5	+1.1
AZU	Azuero	4.53 112	eP	Pb		Pb	20 47 59.0	-3.5
BCIP	Isla Barro Col	4.63 94	eP	Pn		Pn	20 47 53.7	+1.6
BCIP	Isla Barro Col	4.63 94	eP	Pn		Pn	20 47 53.7	+1.6
BCIP	Isla Barro Col	4.63 94	eP	Pn		Pn	20 47 53.1	+1.0
TGUH	Teguiguigu, Un	6.28 329	Pn	Pn		Pn	20 48 02.1	+1.7
SNET	Serv Nac Est T	6.29 312	Pn	Pn		Pn	20 48 16.9	+3.0
MT03	Montecristo	6.75 346	Pn	Pn		Pn	20 48 24.3	+2.3
TEIG	Tepeich	11.29 342	LR	LR		LR	20 53 54.0	
CMIG	com=Z, 318nm, 18.9s, baz=134, slow=40, SNR=2.0	12 59 308	Pn	Pn		Pn	20 49 41.3	0.0
344	Mattias Romero	0.3m, 0.3s, baz=157, slow=11, SNR=4.5	13 308	Pn		Pn	20 49 56.2	-0.8
SDV	Santo Domingo	13.72 91	Pn	Pn		Pn	20 49 56.2	-0.8
344	Westbrook Farm	22.52 347	P	P		P	20 51 41.8	-0.5
VBMS	Vicksburg	22.52 347	P	P		P	20 51 50.1	+0.7
LRAL	Lakeview Retre	23.52 355	P	P		P	20 51 50.1	+0.5
LRAL	Lakeview Retre	23.52 355	Iamb	Iamb		Iamb	20 51 54.4	
Z47A	Carrollton	23.80 353	P	P		P	20 51 53.7	-0.8
435B	Jarrell	24.42 332	P	P		P	20 52 01.8	+1.5
JSC	Jenkinsville	24.83 6	P	P		P	20 52 02.8	-1.2
JSC	Jenkinsville	24.83 6	Iamb	Iamb		Iamb	20 52 10.0	
JCT	Junction City	25.27 328	P	P		P	20 52 09.0	+0.9
JCT	Junction City	25.27 328	Iamb	Iamb		Iamb	20 52 17.9	
X40A	Basin Creek Fa	26.00 344	P	P		P	20 52 14.9	+0.3
X40A	Basin Creek Fa	26.00 344	Iamb	Iamb		Iamb	20 52 19.9	
MIAR	Mount Ida	26.27 343	P	P		P	20 52 18.0	+1.0
MIAR	Mount Ida	26.27 343	Iamb	Iamb		Iamb	20 52 19.7	
TX32	Lajitas Array	26.66 320	P	P		P	20 52 21.6	+0.8
TXAR	Lajitas Array	26.66 320	P	P		P	20 52 19.9	-0.9
TXAR	com=Z, 1.9nm, 0.8s, baz=136, slow=9.8, SNR=10	26.66 320	PcP	PcP		PcP	20 55 46.1	+1.7
TXAR	com=Z, 0.6nm, 0.7s, baz=152, slow=5.7, SNR=4.7	26.66 320	P	P		P	20 52 21.2	+0.4
OS1A	Peebles	29.42 347	P	P		P	20 52 44.2	+0.2
LPAZ	La Paz	30.33 148	P	P		P	20 53 03.2	+9.0
319A	Douglas	31.66 317	P	P		P	20 53 07.1	+1.9
319A	Douglas	31.66 317	Iamb	Iamb		Iamb	20 53 08.9	
W13A	Hualapoh Mount	36.98 318	P	P		P	20 53 53.0	+1.6
W13A	Hualapoh Mount	36.98 318	Iamb	Iamb		Iamb	20 53 55.1	
TPNV	Topopah Spring	39.61 319	P	P		P	20 54 15.4	+1.9
PDAR	Pinedale Array	39.72 331	P	P		P	20 54 12.4	-2.0
PDAR	com=Z, 0.2nm, 0.5s, baz=140, slow=15, SNR=2.0	39.72 331	PcP	PcP		PcP	20 56 21.7	+1.0
ULM	Lac du Bonnet	41.69 349	P	P		P	20 54 28.1	-2.2
ULM	Lac du Bonnet	41.69 349	Iamb	Iamb		Iamb	20 54 28.2	-2.0
ULM	Lac du Bonnet	41.69 349	Iamb	Iamb		Iamb	20 54 28.7	
NV11	Mina Array	41.70 319	P	P		P	20 54 32.6	+1.8
NVAR	Mina Array	41.70 319	P	P		P	20 54 31.0	-0.6
NVAR	com=Z, 0.8nm, 0.3s, baz=134, slow=7.1, SNR=8.8	41.70 319	PcP	PcP		PcP	20 56 29.1	+1.6
LHV	Little Hutton	42.05 319	P	P		P	20 54 33.5	+2.0
RYN	Ryan	42.05 319	P	P		P	20 54 34.8	+1.2
LC01	Cunco	49.58 167	P	P		P	20 55 33.1	+0.3
LC01	Cunco	49.58 167	Iamb	Iamb		Iamb	20 55 34.5	
PLCA	Paso Flores	51.63 166	P	P		P	20 55 55.6	+7.3
PLCA	Paso Flores	51.63 166	Iamb	Iamb		Iamb	20 55 49.0	+0.7
PLCA	Paso Flores	51.63 166	Iamb	Iamb		Iamb	20 56 02.2	
YKA	Yellowknife Ar	57.20 344	P	P		P	20 56 26.0	-2.3
YKA	Yellowknife Ar	57.20 344	PcP	PcP		PcP	20 57 23.9	+1.3
ILAR	Eielson Array	68.86 336	P	P		P	20 57 50.9	-1.1
ILAR	Eielson Array	68.86 336	P	P		P	20 57 51.3	-0.7
ESDC	Sonsecia Array	76.74 51	P	P		P	20 58 33.4	+0.2
EKA	Eskdalemuir Ar	77.32 95	P	P		P	20 58 35.0	-1.0

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC	
DBIC	Dimbokro	78.77 85	LR	LR		LR	21 34 24.2	
TORD	Tordi Arr Ba	84.23 78	P	P		P	20 59 13.2	-0.6
TORD	com=Z, 0.9nm, 0.9s, baz=275, slow=3.3, SNR=3.8	84.23 78	LR	LR		LR	21 36 25.6	
NB2	NORSAR Subara	84.52 29	P	P		P	20 59 13.8	-0.6
NOA	NORSAR Array B	84.52 29	P	P		P	20 59 13.8	-0.6
NOA	com=Z, 2.1nm, 0.8s, baz=340, slow=5.0, SNR=6.0	84.52 29	LR	LR		LR	21 36 14.9	
NB201	NORSAR Array S	84.56 29	P	P		P	20 59 14.7	+0.1
NB201	NORSAR Array S	84.56 29	Iamb	Iamb		Iamb	20 59 19.7	
HFS	Hagfors	85.89 30	P	P		P	20 59 20.2	-1.0
CLS	Collm	87.32 39	I	I		I	20 59 28.4	0.0
GERES	GERRSS Array B	88.28 41	P	P		P	20 59 33.4	+0.2
FINES	FINESS Array B	91.30 27	P	P		P	20 59 46.1	-0.8
FINES	FINESS Array B	91.30 27	P	P		P	20 59 45.8	-1.1
ASAR	Alice Springs	140.73 244	PKHkP	PKPpre		PKPpre	21 06 07.7	
ASAR	com=Z, 0.5nm, 0.8s, baz=113, slow=2.5, SNR=2.0	140.73 244	PKHkP	PKPpre		PKPpre	21 06 16.4	+1.7
CMAR	Chiang Mai Arr	152.00 353	PKPbc	PKPbc		PKPbc	21 06 37.7	+0.1
CMAR	Chiang Mai Arr	152.00 353	PKPbc	PKPbc		PKPbc	21 06 37.6	-1.1
CMAR	Chiang Mai Arr	152.00 353	PKPab	PKPbc		PKPbc	21 06 45.3	-1.0
MOS	21 20:58:07.6±1.0, 42.96N:144.42E, h119km, mb4.3/1, Error ellipse: s-maj=20.6km s-min=12.8km az=71.2							

21d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BANR Banloc, KLUV Kijevo, STON Ston, etc.

2015 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like SRO2 Moca, SRO2 Moca, BOSS Bosilegrad, etc.

1040

Table with columns for station name, frequency, power, and other technical details. Includes stations like PAOL Paolisi, PAOL Paolisi, CRVS Cervenica-Dubn, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MISSA Maissana, DAVA Damuels, TUE Stuetta, etc.

MOS 21 21:28:08.7, 0.0, 43.81N, 43.47E, h22km, MPV4.9
NORS 21 21:28:08.6, 0.0, 43.84N, 43.44E, h28km, MPV4.2
ISC 21 21:28:09.0, 0.9, 43.84N, 0.02, 43.47E, h25km, 8km,

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PYA1 Pyatigorsk, NCK Nalchik, KBZ Khabaz, etc.

Main table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PRTR, SHA1 Shidzhatmaz, LSNR Lesken, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like URIC, DABV, DABU, etc.

SJA 21 22:00:36.1, 4.1, 2.6794S, 67.02W, h10km, 36km, ML4.0, MW3.8
IDC 21 22:00:37.8, 1.2, 2.27, 18S, 67.18W, h0km, mb3.7/2, mb1 3.8/5, mb1mx3.7/24, mbtrp3.7/5, ML3.7/5, MS3.1/5, Ms1 3.1/5, ms1mx2.9/30, Error ellipse: s-maj=39.9km s-min=35.6km az=36.0
ISC 21 22:00:38.6, 2.0, 2.171S, 0.05, 66.85W, 0.05, h5km, 14km, n24, e297/30, Caticamarca Province

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FSA Cafayete, AHML Horco Molle, VCA Vinchina, etc.

DNK 21 22:19:03.5, 0.9, 78.45N, 7.36E, h62km, ML2.6
BER 21 22:19:01.3, 2.9, 78.32N, 7.26E, h10km, ML1.7, ML2.6(DNK), Confirmed Earthquake, Svalbard region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KBS Kingsbay, KRS Kingsbay, etc.

BUI 21 22:26:44.0, 0.0, 4.70N, 76.00W, h80km, m5.4/7, Ms4.9/2, Ms7.4/8/2
MOS 21 22:26:44.1, 0.0, 4.67N, 76.21W, h107km, m5.3/8, Error ellipse: s-maj=8.5km s-min=5.0km az=108.2
UPA 21 22:26:44.5, 2.7, 4.82N, 76.16W, h10km, 70km, MW5.2
RSNC 21 22:26:45.6, 1.3, 4.67N, 76.19W, n96km, 4km, ML5.0, n35.00000, A=180.00000, NP1=90.00000,
VAO 21 22:26:45.6, 0.2, 4.55N, 76.04W, h111km, 1km, mb5.2

21d 22h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes entries like MT05 Renca, P38A Dawn, MSTX Muleshoe, etc.

2015 FEB

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes entries like SRU Black Hills, F64A Sherman, E58A La Victoria, etc.

1044

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes entries like SRU Black Hills, RSSD Black Hills, K22A Caspe, etc.

1045

WAKR	comp-Z,17nm,1.0s	I Amb	I Amb	22 35 44.4	
YERR	Yerington	51.87 317	P	P	22 35 44.2 +1.3
EGMT	Hagler	51.91 332	P	P	22 35 43.3 +0.4
	baz=130,SNR=7.0				
HRV	Hyatt Researc	52.02 329	P	P	22 35 44.5 +0.8
RUBR	Rubicon Trail	52.52 317	P	P	22 35 49.0 +1.3
RUBR		22 35 53.5	I Amb	I Amb	
	comp-Z,39nm,1.3s				
MSO	Missoula	53.19 328	P	P	22 35 52.8 +0.5
	baz=130,SNR=10				
WVOR	Wild Horse Val	53.27 321	P	P	22 35 53.6 +0.5
WVOR			pmax	pmax	
	comp-Z,51nm,1.0s				
WVOR	Wild Horse	53.27 321	P	P	22 35 53.6 +0.5
003E	Paynes Creek	54.23 318	P	P	22 36 00.4 +0.4
	baz=119				
I07A	Izee	54.70 323	P	P	22 36 04.0 +0.6
I07A			I Amb	I Amb	22 36 06.3
	comp-Z,23nm,1.2s				
WDC	Whiskeytown Da	54.87 318	P	P	22 36 03.3 -1.2
WDC	Whiskeytown Da	54.87 318	P	P	22 36 03.3 -1.2
M04C	Macdoel	54.98 319	P	P	22 36 06.4 +0.9
	baz=120,SNR=9.6				
G08A	Pilot Rock	55.04 324	P	P	22 36 06.6 +0.8
N02D	Trinity Center	55.16 318	P	P	22 36 07.0 +0.2
	baz=118				
E09A	Wood Farm, Sta	55.28 326	P	P	22 36 07.9 +0.5
J05D	Fort Rock, OR	55.34 321	P	P	22 36 09.3 +1.2
	baz=121,SNR=16				
M02C	Callahan	55.46 318	P	P	22 36 08.2 -0.6
	baz=118				
L04D	Klamath Falls	55.49 319	P	P	22 36 09.8 +0.6
	baz=119,SNR=9.7				
YBH	Yreka Blue Hor	55.52 319	P	P	22 36 08.6 -0.7
	comp-Z,7.9nm,0.7s,ba				
	z=125,slow=3.4,SNR=19				
NEW	Newport	55.77 328	P	P	22 36 11.1 +0.2
	comp-Z,6.3nm,0.6s,ba				
	z=134,slow=7.1,SNR=15				
NEW	Newport	55.77 328	P	P	22 36 11.4 +0.5
	baz=128,SNR=8.6				
KHMM	Horse Mountain	55.80 317	P	P	22 36 12.7 +1.3
J04D	Umqua Nationa	55.87 321	P	P	22 36 13.2 +1.2
	baz=123				
I05D	Terrebonne, OR	55.95 322	P	P	22 36 14.0 +1.7
	baz=122,SNR=8.6				
D08A	Wollman Farm,	56.03 326	P	P	22 36 13.8 +1.0
D08A			I Amb	I Amb	22 36 14.6
	comp-Z,20nm,0.7s				
HUO	Hull Mountain	56.10 320	P	P	22 36 13.0 -0.4
KRMB	Red Mountain	56.22 318	P	P	22 36 15.5 +1.1
KRMB			I Amb	I Amb	22 36 16.3
	comp-Z,25nm,0.8s				
I04A	Tendick Farm,	56.34 321	P	P	22 36 15.5 +0.4
	baz=120,SNR=6.2				
G05D	Wamic, OR	56.41 323	P	P	22 36 17.4 +1.9
K02D	Williamette Mer	56.61 319	P	P	22 36 18.0 +0.9
	baz=118,SNR=6.5				
F05D	White Salmon	56.84 324	P	P	22 36 20.2 +1.7
	baz=122				
I03D	Drain, OR	56.88 321	P	P	22 36 19.6 +0.8
	baz=119,SNR=7.6				
J01E	Myrtle Point	57.00 320	P	P	22 36 21.1 +1.5
	baz=118,SNR=5.8				
I02D	Swissness	57.40 321	P	P	22 36 24.1 +1.7
	baz=119,SNR=5.2				
G03D	McMinville, O	57.58 322	P	P	22 36 24.9 +1.3
	baz=120				
E04D	Cinebar	57.85 324	P	P	22 36 26.3 +0.7
	baz=122				
EFI	East Falkland	58.20 167	P	P	22 36 28.2 +0.4
EFI			pmax	pmax	
	comp-Z,86nm,1.5s				
EFI	East Falkland	58.20 167	P	P	22 36 28.2 +0.4
B05A	Bryant	58.48 326	P	P	22 36 30.1 +0.2
	baz=123,SNR=8.8				
D03D	Eldon	58.65 325	P	P	22 36 32.3 +1.1
	baz=122,SNR=9.4				
BBB	Bella Bella	63.81 327	P	P	22 37 07.3 +1.5
	comp-Z,10.7s,ba				
	z=105,slow=5.3,SNR=15				
YKA	Yellowknife Ar	64.30 341	P	P	22 37 08.3 -0.5
	comp-Z,14nm,0.6s,ba				
	z=132,slow=6.8,SNR=289				
YKA			pP	pP	22 37 35.9 +0.9
	comp-Z,6.5nm,0.6s,ba				
	z=132,slow=6.8,SNR=4.1				
YKA			S	S	22 41 36.0
	comp-Z,3.6nm,1.0s,ba				
	z=129,slow=5.1,SNR=8.2				
TAOE	Nuku Hiva Isla	65.25 258	eLR	LR	22 57 01.2
	comp-Z,1.2nm,1.0s,ba				
	z=125,slow=15,SNR=8.2				
ILULI	Ilulissat	66.55 9	i P	P	22 37 23.2 0.0
	comp-Z,37nm,31.7s				
ILULI	Ilulissat	66.55 9	pmax	pmax	22 37 23.2 +0.4
	comp-Z,50nm,0.9s				
ILULI	Ilulissat	66.55 9	P	P	22 37 23.6 +0.4
ILULI	Ilulissat	66.55 9	i P	I Amb	22 37 23.2 0.0
	comp-Z,46nm,0.8s				
ANGG	Ammassalik, Gr	66.58 16	P	P	22 37 23.6 +0.2
DLBC	Dease Lake	67.83 333	P	P	22 37 32.3 +0.7
WRAK	Wrangell Islan	67.98 330	P	P	22 37 33.6 +1.1
	baz=117				
UPNV	Upernivik	69.14 6	i P	I Amb	22 37 39.9 +0.4
UPNV			I Amb	I Amb	22 37 40.9
MORF	Marmelete	69.30 52	eP	AMB	22 37 41.1 -0.1
MORF			AMB	AMB	22 37 44.3
	comp-Z,81nm,1.3s				
MORF	Marmelete	69.30 52	eP	P	22 37 41.1 -0.1
MORF	Marmelete	69.30 52	eP	P	22 37 42.6 +1.4
PNCL	Nicolau Aran	69.54 51	eP	P	22 37 44.0 +1.5
	comp-Z,41nm,2.3s				
PSBE	So Bento	69.59 50	eP	P	22 37 43.5 +0.6
MESJ	Messejana	69.73 51	eP	P	22 37 43.6 -0.1
MESJ	Messejana	69.73 51	eP	P	22 37 43.6 -0.1
MESJ	Messejana	69.73 51	eP	P	22 37 45.4 +1.7
PCVE	Castro Verde	69.83 52	eP	P	22 37 46.2 +1.8
PMSA	Palmer Station	69.83 175	eP	P	22 37 42.9 +0.8
PMSA			pP	pP	22 38 11.7 +1.4
PCAS	Casmilo, Conde	69.92 49	eP	P	22 37 45.9 +1.0
PMTG	Montargil	69.94 50	eP	P	22 37 45.8 +0.8
EVO	Evora	70.01 51	eP	P	22 37 46.5 +1.0
COI	Coimbra	70.02 49	eP	P	22 37 46.3 +0.8
COI			pmax	pmax	
	comp-Z,92nm,1.0s				
COI	Coimbra	70.02 49	eP	P	22 37 46.3 +0.8
COI	Coimbra	70.02 49	eP	P	22 37 46.7 +1.3
	comp-Z,110nm,1.2s				
PBEJ	Beja	70.03 51	eP	P	22 37 46.9 +1.3
PVAQ	Vaqueiros	70.05 52	eP	P	22 37 46.5 +0.8
PESTR	Estremoz	70.39 50	P	P	22 37 48.3 +0.5
PESTR			I Amb	I Amb	22 37 49.6
	comp-Z,27nm,0.9s				
PGAV	Gavieira, Arco	70.47 47	eP	P	22 37 49.1 +0.8
PVIS	Viseu	70.50 48	eP	P	22 37 49.4 +0.9
PCAB	Cabril	70.60 47	eP	P	22 37 49.7 +0.7
PMRV	Mary??e	70.64 50	eP	P	22 37 49.7 +0.4
PCBR	Castelo Branco	70.65 49	eP	P	22 37 50.0 +0.7
	comp-Z,35nm,1.2s				
POLO	Lamas de O	70.70 48	eP	P	22 37 50.6 +0.9
	comp-Z,44nm,1.3s				
PBAR	Barrancos	70.70 51	eP	P	22 37 50.8 +1.1
	comp-Z,29nm,1.2s				
MTE	Manteigas	70.70 49	P	I Amb	22 37 49.7 0.0
MTE			I Amb	I Amb	22 37 53.9
	comp-Z,25nm,1.0s				
MTE	Manteiga	70.70 49	eP	P	22 37 50.5 +0.8
TIC	Toumudi	70.71 85	eP	P	22 37 49.1 -1.1
KULLO	Kullorsuaq	70.72 5	i P	P	22 37 47.7 -1.3
	comp-Z,15nm,0.8s				
KULLO	Kullorsuaq	70.72 5	i P	P	22 37 47.7 -1.3
	comp-Z,15nm,0.8s				
KULLO	Kullorsuaq	70.72 5	i P	pmax	22 37 47.7 -1.3
	comp-Z,15nm,0.8s				
KULLO	Kullorsuaq	70.72 5	i P	I Amb	22 37 47.8 -1.3
	comp-Z,11nm,1.2s				
PBEJ	Beja	70.03 51	eP	P	22 37 46.9 +1.3
PVAQ	Vaqueiros	70.05 52	eP	P	22 37 46.5 +0.8
PESTR	Estremoz	70.39 50	P	P	22 37 48.3 +0.5
PESTR			I Amb	I Amb	22 37 49.6
	comp-Z,27nm,0.9s				
PGAV	Gavieira, Arco	70.47 47	eP	P	22 37 49.1 +0.8
PVIS	Viseu	70.50 48	eP	P	22 37 49.4 +0.9
PCAB	Cabril	70.60 47	eP	P	22 37 49.7 +0.7
PMRV	Mary??e	70.64 50	eP	P	22 37 49.7 +0.4
PCBR	Castelo Branco	70.65 49	eP	P	22 37 50.0 +0.7
	comp-Z,35nm,1.2s				
POLO	Lamas de O	70.70 48	eP	P	22 37 50.6 +0.9
	comp-Z,44nm,1.3s				
PBAR	Barrancos	70.70 51	eP	P	22 37 50.8 +1.1
	comp-Z,29nm,1.2s				
MTE	Manteigas	70.70 49	P	I Amb	22 37 49.7 0.0
MTE			I Amb	I Amb	22 37 53.9
	comp-Z,25nm,1.0s				
MTE	Manteiga	70.70 49	eP	P	22 37 50.5 +0.8
TIC	Toumudi	70.71 85	eP	P	22 37 49.1 -1.1
KULLO	Kullorsuaq	70.72 5	i P	P	22 37 47.7 -1.3
	comp-Z,15nm,0.8s				
KULLO	Kullorsuaq	70.72 5	i P	P	22 37 47.7 -1.3
	comp-Z,15nm,0.8s				
KULLO	Kullorsuaq	70.72 5	i P	pmax	22 37 47.7 -1.3
	comp-Z,15nm,0.8s				
KULLO	Kullorsuaq	70.72 5	i P	I Amb	22 37 47.8 -1.3
	comp-Z,11nm,1.2s				
PBEJ	Beja	70.03 51	eP	P	22 37 46.9 +1.3
PVAQ	Vaqueiros	70.05 52	eP	P	22 37 46.5 +0.8
PESTR	Estremoz	70.39 50	P	P	22 37 48.3 +0.5
PESTR			I Amb	I Amb	22 37 49.6
	comp-Z,27nm,0.9s				
PGAV	Gavieira, Arco	70.47 47	eP	P	22 37 49.1 +0.8
PVIS	Viseu	70.50 48	eP	P	22 37 49.4 +0.9
PCAB	Cabril	70.60 47	eP	P	22 37 49.7 +0.7
PMRV	Mary??e	70.64 50	eP	P	22 37 49.7 +0.4
PCBR	Castelo Branco	70.65 49	eP	P	22 37 50.0 +0.7
	comp-Z,35nm,1.2s				
POLO	Lamas de O	70.70 48	eP	P	22 37 50.6 +0.9
	comp-Z,44nm,1.3s				
PBAR	Barrancos	70.70 51	eP	P	22 37 50.8 +1.1
	comp-Z,29nm,1.2s				
MTE	Manteigas	70.70 49	P	I Amb	22 37 49.7 0.0
MTE			I Amb	I Amb	22 37 53.9
	comp-Z,25nm,1.0s				
MTE	Manteiga	70.70 49	eP	P	22 37 50.5 +0.8
TIC	Toumudi	70.71 85	eP	P	22 37 49.1 -1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like GSTD, GSMY, ADK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like JTKR, JWKC, JWKC, etc.

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

ICD 21 22:52:44.0.4.6.6:84S: 154.166E, h179km, 41km, mb3.2/6, mb1 3.4/8, mb1mx3.2/7, mbmp3.7/8, MS2.71, Ms1 2.7/1, ms1mx2.4/9, Error ellipse: s-maj=36.5km s-min=24.5km az=50.0

ICD 21 23:35:45.20.9.51:59N:16.10E, h0km, mb1 3.3/7, mb1mx3.1/7, mbmp3.2/7, ML2.8/7, Error ellipse: s-maj=13.9km s-min=8.1km az=109.0

MOS 22 01:19:21.6:0.8, 42:58N:143:53E, h81km, mb4.1/1, Error ellipse: s-maj=15.6km s-min=7.5km az=67.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PMG, PMG, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KSP, KSP, CHVC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

JMA 21 23:23:40.9.0.2.44:35N:142:59E, h236km, 7km, Ms2 2, ICD 21 23:23:41.2.0.7, 44:50N:142:57E, h228km, 7km, Ms2 3/4/10, mb1 3.6/15, mb1mx3.3/4, mbmp4.0/15, Error ellipse: s-maj=29.0km s-min=12.9km az=170.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like JTKR, JWKC, JWKC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like TULEG Thule, EUNU Eureka, UPNV Upernavik, etc.

KNET 22:02:44:39.6:0.4, 2:55:51.76:0.2E, h0km, m2.4, Error ellipse: s-maj=0.8km s-min=1.2km az=44.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like BOOM Boomsokoye usch, ULHL Ulahol, KST Kastek, etc.

2015 FEB

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like IZV baz=41, DGS Degeres, KURS Kuram, etc.

22d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like SATY Saty, ARXS Arharly, MRKS Merke, etc.

PDG 22:02:45:14.6:0.1, 43:42N:19:47E, h1km, MD2.9/1, Error ellipse: s-maj=0.4km s-min=0.5km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like PLE Pljevlja, RUDO Rudo, IVAS Ivanjica, etc.

22d 2h

2015 FEB

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Table with columns for station code, name, coordinates, and status. Includes stations like KSM Kuching, PKI Pulchoki, GKN Gorkha, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like HYB Hyderabad, WRAB Tennant Creek, TULG Thule, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like WALA Waterton Lakes, O03E Paynes Creek, MOD Modoc Plateau, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TNS5, TNS5, TNS5, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TOL2, TOL2, TWSI, etc.

Additional technical information and coordinates for stations, including ICAO codes and error ellipses.

-10.0045, Plg27.0000", Azm247.0000";
 GUC 22 05:40:21.9, 0.7, 2.0045: 70.94W, h43km, 2km, ML4.5
 VAO 22 05:40:23.1, 0.5, 19.905: 70.51W, h10km, mb4.4
 NEIC 22 05:40:25.19, 8.7S: 70.84W, h18km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁶Nm; Mr:0.94;
 Mw:0.02; M_{xx}:0.92; M_{yy}:0.20; M_{zz}:0.26; M_{xy}:0.48; Fault
 plane solution: M: 1.1000x+1016 NP1: 349.00000",
 831.00000", 1.97.00000". NP2: 361.00000", 859.00000",
 7.86.00000". Principal axes: T: 1.0738, Plg75.0000",
 Azm60.0000"; N: 0.0438, Plg4.0000", Azm163.0000"; P:
 1.1176, Plg14.0000", Azm254.0000".

ISC 22 05:40:18.4, 1.2, 2.0045: 0.03: 70.91W, 0.03km, 9km,
 n106, 1.938/123, mb4.5/12, MS4.0/4, 24C, Fault plane
 solution: NP1: 170.38867", 867.53672", 1.82.27740".
 NP2: 99.92881", 823.68853", 1.08.00436". Principal
 axes: T: Plg66.5932", Azm66.5501"; N: Plg17.1335",
 Azm173.3548"; P: Plg22.1696", Azm266.2778"; Near
 coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
TA02	Huaiquique	0.77	108	Op	05 40 36.3	0.0
TA02				IS	05 40 47.5	-0.9
TA02				IAML	05 40 50.0	
PSGC	Pisagua	0.86	60	Op	05 40 37.3	-0.3
PSGC				IS	05 40 49.9	-1.0
PSGC				IAML	05 40 50.0	
TA01	Pisagua	0.86	60	Op	05 40 37.9	+0.2
TA01				IS	05 40 37.7	+0.1
TA01				IAML	05 40 49.0	-1.7
TA01				IS	05 40 55.7	
TA01	Diego Aracena	0.86	128	Op	05 40 38.1	+0.6
TA01				Pg	05 40 46.2	0.0
TA01				Sb	05 40 50.5	-0.3
TA01				IS	05 40 40.2	+0.8
TA01				IS	05 40 54.2	+0.1
TA01				IAML	05 40 56.2	
HMBC	Humberstone	0.99	104	Op	05 40 40.9	+0.6
HMBC				Pb	05 40 41.4	+2.0
HMBC				Pb	05 40 55.1	-0.5
HMBC				Pg	05 40 48.1	+0.3
HMBC				Pg	05 41 08.6	+1.9
HMBC				Pg	05 41 18.2	
HMBC				Pg	05 40 48.4	+0.5
HMBC				Pg	05 40 50.2	0.0
HMBC				Pg	05 41 13.2	+1.5
HMBC				Pg	05 41 22.7	
HMBC				Pg	05 40 50.2	0.0
HMBC				Pg	05 40 50.1	+0.2
HMBC				Pg	05 41 11.4	0.0
HMBC				Pg	05 41 19.7	
HMBC				Pg	05 40 50.1	+0.2
HMBC				Pg	05 40 51.9	-0.5
HMBC				Pg	05 41 01.2	-1.3
HMBC				Pg	05 41 25.9	
HMBC				Pg	05 40 51.2	-0.6
HMBC				Pg	05 40 52.9	+0.4
HMBC				Pg	05 41 18.5	+1.0
HMBC				Pg	05 41 37.7	
HMBC				Pg	05 40 52.9	+0.4
HMBC				Pg	05 40 56.7	-1.8
HMBC				Pg	05 41 00.9	+1.5
HMBC				Pg	05 41 28.7	+1.1
HMBC				Pg	05 41 47.7	
HMBC				Pg	05 41 00.0	-1.5
HMBC				Pg	05 41 54.8	
HMBC				Pg	05 40 58.6	-0.2
HMBC				Pg	05 41 06.3	+0.1
HMBC				Pg	05 41 11.7	+2.0
HMBC				Pg	05 41 16.5	+0.8
HMBC				Pg	05 41 49.2	+1.1
HMBC				Pg	05 42 01.3	
HMBC				Pg	05 41 15.3	+1.9
HMBC				Pg	05 41 11.7	+2.0
HMBC				Pg	05 41 12.6	+0.5
HMBC				Pg	05 41 28.2	-1.0
HMBC				Pg	05 41 30.2	+1.1
HMBC				Pg	05 41 39.7	-0.1
HMBC				Pg	05 42 43.3	
HMBC				Pg	05 41 30.9	+1.7
HMBC				Pg	05 41 27.4	-1.8
HMBC				Pg	05 41 37.7	-0.5
HMBC				Pg	05 41 48.0	-1.4
HMBC				Pg	05 42 02.0	+0.1
HMBC				Pg	05 42 16.3	-1.2
HMBC				Pg	05 42 26.3	-0.2
HMBC				Pg	05 46 12.8	
HMBC				Pg	05 42 44.1	-0.5
HMBC				Pg	05 42 44.9	-0.9
HMBC				Pg	05 42 54.4	+0.7
HMBC				Pg	05 42 59.4	+0.8
HMBC				Pg	05 43 19.0	+3.5
HMBC				Pg	05 43 41.4	-4.3
HMBC				Pg	05 49 40.3	
HMBC				Pg	05 43 50.7	-1.6
HMBC				Pg	05 43 50.0	-3.0
HMBC				Pg	05 49 44.6	
HMBC				Pg	05 43 51.0	-2.1
HMBC				Pg	05 59 44.6	
HMBC				Pg	05 43 50.5	-2.8
HMBC				Pg	05 59 40.2	
HMBC				Pg	05 43 55.4	-1.2
HMBC				Pg	05 44 19.8	-0.6
HMBC				Pg	05 44 33.8	-1.5
HMBC				Pg	05 44 38.2	+0.7
HMBC				Pg	05 44 36.5	-1.5
HMBC				Pg	05 45 06.6	-1.9
HMBC				Pg	05 44 45.2	-0.1
HMBC				Pg	05 44 46.3	-0.9
HMBC				Pg	05 44 50.8	-0.2
HMBC				Pg	05 44 55.6	-2.1
HMBC				Pg	05 44 58.5	-0.8
HMBC				Pg	05 44 58.4	-0.8
HMBC				Pg	05 45 03.5	+0.3
HMBC				Pg	05 45 12.9	+4.2
HMBC				Pg	05 45 06.6	-1.9
HMBC				Pg	05 45 08.6	-0.2
HMBC				Pg	05 45 11.7	-2.1
HMBC				Pg	05 54 10.0	
HMBC				Pg	05 45 12.0	-1.8
HMBC				Pg	05 45 17.8	
HMBC				Pg	05 45 14.1	+0.3
HMBC				Pg	05 45 25.0	-0.8
HMBC				Pg	05 45 39.2	-0.1
HMBC				Pg	05 45 41.2	+0.1
HMBC				Pg	05 45 45.4	+0.3

JANB	Januaría	25.83	83	eP	P	05 45 50.3	-1.1
SDVA	SAO DESIDERIO	26.07	77	eP	P	05 45 54.0	+0.3
SDV	Santo Domingo	28.74	1	eP	P	05 46 20.7	+3.0
RCBR	Riachuelo	36.82	72	eP	P	05 47 27.7	-0.5
RCBR	Riachuelo	36.82	72	Iamb	Iamb	05 47 28.0	-0.2
RCBR				Iamb	Iamb	05 47 28.2	
TXAR	Lajitas Array	58.37	326	P	P	05 50 15.4	-0.1
TXAR	Torodi Ar. Sth	61.15	327	P	P	05 50 15.9	+0.4
MIAR	Mouta Ida	58.37	326	P	P	05 50 15.2	-0.3
MIAR		58.41	338	P	P	05 50 16.0	
TXAR	Wooly Hollow	58.65	340	P	P	05 50 17.6	+0.5
WHAR				Iamb	Iamb	05 50 31.8	
BELA	Belragno 2	60.45	172	P	P	05 50 29.8	+0.7
MIAR	Cornudas Mount	61.15	327	P	P	05 50 34.0	-0.4
SS9A	Bolivar	61.17	340	Iamb	Iamb	05 50 34.0	-0.5
SS9A				Iamb	Iamb	05 50 34.9	
DBIC	Dimbokoro	70.14	75	P	P	05 51 31.8	-1.1
DBIC				LR	LR	06 21 05.5	
QSPA	South Pole Qui	70.14	180	P	P	05 51 33.9	+1.6
PDAR	Pinedale Array	71.92	331	P	P	05 51 44.6	+1.1
NVAR	Lac du Bonnet	73.38	344	LR	LR	05 51 52.6	+1.4
UAM	Torodi Ar. Sth	76.85	71	P	P	05 52 21.4	-1.1
TORD	Torodi Ar. Sth	76.85	71	P	P	05 52 21.2	-1.3
TORD				LR	LR	05 52 21.3	
TORD				Iamb	Iamb	05 52 22.3	
SUR	Sutherland	80.93	121	P	P	05 52 33.3	-1.7
TAM	Tanmanras	85.86	64	P	P	05 53 00.6	+0.3
ESD	Samson Array	86.13	45	P	P	05 53 01.2	0.0
ESD				P	P	05 53 01.2	0.0
YKA	Yellowknife Arr	89.20	341	P	P	05 53 14.8	-0.4
ASAR	Alice Springs	130.28	210	PKP	PKP	05 59 30.1	-1.1
ASAR	Warramunga Arr	133.20	213	PKP	PKP	05 59 37.5	-0.4
KURBB	Kurchatov Arr	141.10	31	PKP	PKP	05 59 50.8	+0.5
ZALV	Zalesov Beam	141.39	23	PKP	PKP	05 59 49.5	-1.2
AAK	Ala-Archa	143.23	44	PKP	PKP	05 59 53.8	-0.8
MKAR	Makanchi Array	145.50	48	PKP	PKP	05 59 58.1	-0.4
KSH	Kashi	145.59	48	PKP	PKP	05 59 59.1	-0.1
KSH				PP	PP	05 59 58.1	-0.1
KSH				AMB	AMB	05 59 58.1	-0.1
KLR	Kul'dur	145.69	333	PKP	PKP	05 59 58.5	-0.2
SONM	Songino Array	152.19	4	PKP	PKP	06 00 16.2	0.0
SONM				PKP	PKP	06 00 16.2	0.0
SONM				PKP	PKP	06 00 25.1	-0.3

ISC 22 05:56:54.5, 1.2, 2.02N: 127.06E, h0km, mb3.6/6,
 mb1 3.8/6, mb1mx3.5/5.1, mbtmp3.6/6, MS3.5/1, Ms1 3.5/1,
 ms1mx2.5/41, Error ellipse: s-maj=97.1km s-min=-18.6km
 az=70.0

ISC 22 05:57:06.3, 1.1, 2.0N: 0.2: 127.2E: 0.6, h100km, n7,
 Azm=50.77, mb3.55, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
RGY	Tagaytay City	13.53	333	LR	06 05 42.0	
WITZ	Fitzroy Cross	19.99	184	P	06 01 31.0	0.0
WRA	Warramunga Arr	22.89	162	P	06 02 00.8	-0.9
ASAR	Alice Springs	26.31	166	P	06 02 32.7	-0.2
ASAR				PcP	06 05 56.7	-0.1
STKA	Stephens Creek	36.34	159	P	06 04 01.2	+0.5
SONM	Songino Array	49.09	342	P	06 05 44.0	+0.3
MKAR	Makanchi Array	59.24	326	P	06 05 57.0	-0.3
IMC 22 06:01:42.8, 2.9, 19.57S: 177.78W, h0km, mb3.6/4, mb1 4.0/4, mb1mx3.7/6, mbtmp3.6/4, MS3.3/1, Ms1 3.3/1, ms1mx2.8/37, Error ellipse: s-maj=257.6km s-min=28.9km, Az=158.0, Fiji Islands region						
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PPT	Papeete	26.80	90	LR	06 17 37.3	

22d 6h

Table with columns for location (e.g., KOHI, AKTO, BOK), time (e.g., 19.57 156), and various codes (e.g., eP, Pn, IAMB). Includes entries for cities like Bangkok, Beijing, and others.

2015 FEB

Table with columns for location (e.g., CM31, CMAR, CM02), time (e.g., 27.89 152), and various codes (e.g., P, Pmax, IAMB). Includes entries for cities like Chiang Mai, Nanjing, and others.

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Table with columns for location (e.g., KLR, KLMR, Qiongzong), time (e.g., 31.73 64), and various codes (e.g., LR, Pmax, IAMB). Includes entries for cities like Kunming, Sochi, and others.

Table with columns for station call letters, program name, time, and other details. Includes stations like FINES, IDID, NACGM, etc.

Table with columns for station call letters, program name, time, and other details. Includes stations like OJC, Ojcow, QJC, etc.

Table with columns for station call letters, program name, time, and other details. Includes stations like KHC, Kasperske Hory, KHC, etc.

22d 6h

A21K	Barrow	56.79	20	P	P	06 52 37.6	-0.3
A21K	comp-Z,32nm,1.4s					06 52 39.1	
SPSI	Sidrap Palu	56.82	138	P	P	06 52 43.7	+4.9
KEST	Kesra	57.14	290	P	P	06 52 40.5	-0.5
SUMG	comp-Z,3.5nm,0.6s,baz=318,slow=3.4,SNR=5.7					06 52 41.9	+0.9
SUMG	Summit	57.37	343	i	P	06 52 43.0	+0.5
SUMG	comp-Z,22nm,0.7s					06 52 42.9	+0.5
SUMG	Summit	57.37	343	P	Pmax	06 52 42.9	+0.4
SUMG	comp-Z,31nm,1.2s					06 52 46.8	
SUMG	Summit	57.37	343	i	P	06 52 43.0	+0.5
SUMG	comp-Z,22nm,0.7s					06 52 50.6	+1.0
ANM	None	58.44	29	P	P	06 52 50.5	+0.9
ANM	comp-Z,17nm,1.1s					06 52 50.5	+0.9
ANM	None	58.44	29	P	P	06 52 50.5	+0.9
ANM	comp-Z,17nm,1.1s					06 52 49.8	-0.6
TULEG	Thule	58.57	353	P	P	06 53 03.7	-1.6
TULEG	comp-Z,7.2nm,0.6s					06 53 02.8	-0.4
ICESG	Greenland Ices	60.16	340	i	P	06 53 02.0	+0.2
ICESG	comp-Z,14nm,0.7s					06 53 08.3	-0.3
TOLK	Toolik Lake Re	60.41	20	P	P	06 53 09.3	+0.1
TOLK	comp-Z,9.7nm,0.8s					06 53 08.5	-0.6
TOLK	Toolik Lake Re	60.41	20	P	P	06 53 08.5	-0.6
TOLK	comp-Z,2.9nm,0.8s					06 53 16.4	-0.1
SUJI	Sorong	60.46	125	P	P	06 53 17.6	-0.3
IMAR	Indian Mountain	61.20	24	P	P	06 53 19.3	+0.1
COLD	Coldfoot	61.29	22	P	P	06 53 17.6	-0.3
COLD	comp-Z,31SNR=16					06 53 17.6	-0.3
COLD	Coldfoot	61.29	22	P	P	06 53 17.6	-0.3
COLD	comp-Z,24nm,1.2s					06 53 22.4	+0.8
KMBO	Kilimo Mibogo	62.23	238	P	P	06 53 22.4	+0.8
KMBO	comp-Z,0.5nm,0.3s,baz=78,slow=18,SNR=1.5					06 53 17.6	-0.3
KMBO	Burnt Mountain	62.55	20	P	P	06 53 22.4	+0.8
BMAR	Ilulissat	62.60	344	P	Pmax	06 53 17.6	-0.3
ILULI	comp-Z,30nm,0.8s					06 53 19.3	+0.1
ILULI	Ilulissat	62.60	344	P	P	06 53 21.4	+0.4
MLY	Manley	62.76	23	P	P	06 53 21.4	+0.4
I23K	Minto, Yukon-K	63.06	23	P	P	06 53 21.6	+0.5
I23K	comp-Z,26nm,1.2s					06 53 31.3	
I23K	Minto, Yukon-K	63.06	23	P	P	06 53 21.6	+0.5
FYU	Fort Yukon	63.07	20	P	P	06 53 22.4	+0.8
FYU	comp-Z,32nm,1.4s					06 53 22.4	+0.8
CHUM	Lake Minchumin	63.14	25	P	P	06 53 22.4	+0.8
BPAW	Bear Paw Mtn.	63.38	24	P	P	06 53 22.7	-0.5
BPAW	comp-Z,22nm,1.2s					06 53 22.7	-0.5
MDM	Murphy Dome	63.52	23	P	P	06 53 22.7	-0.5
MDM	comp-Z,11nm,1.1s					06 53 25.8	+0.9
ESBB	Sonsecqa Array	63.56	300	P	P	06 53 24.2	+0.0
ESBB	comp-Z,15nm,0.8s					06 53 24.2	+0.0
ESDC	Sonsecqa Array	63.56	300	P	P	06 53 25.4	+0.5
ESDC	comp-Z,8.8nm,0.7s,baz=50,slow=6.6,SNR=66					06 53 24.2	+0.0
ESDC	Sonsecqa Array	63.56	300	P	P	06 53 25.4	+0.5
NEA2	Nenana	63.56	23	P	P	06 53 25.4	+0.5
POKR	Poker Plat Res	63.62	22	P	P	06 53 25.4	+0.5
TCOL	CIGO, UAF Yank	63.69	22	P	P	06 53 25.6	+0.4
COLA	College	63.69	22	P	P	06 53 25.6	+0.4
COLA	comp-Z,12nm,1.0s					06 53 26.3	+0.5
BWN	Browne	63.77	24	P	P	06 53 26.3	+0.5
KTH	Kantishna Hill	63.81	25	P	P	06 53 26.3	+0.5
PRP	Porcupine Dome	63.82	21	P	P	06 53 27.0	+0.8
PRP	comp-Z,17nm,1.0s					06 53 27.0	+0.8
PAB	San Pablo	63.88	301	P	Pmax	06 53 28.0	+1.0
PAB	comp-Z,17nm,1.0s					06 53 28.0	+1.0
PAB	San Pablo	63.88	301	P	P	06 53 28.0	+1.0
CCB	Clear Creek Bu	63.88	23	P	P	06 53 26.5	+0.1
CCB	comp-Z,14nm,1.2s					06 53 27.3	
PPLA	Purkeyville	63.91	26	P	P	06 53 27.3	+0.4
PPLA	comp-Z,17nm,0.8s					06 53 27.7	+0.8
PPLA	Purkeyville	63.91	26	P	P	06 53 27.7	+0.8
WRH	Wood River Hill	63.93	23	P	P	06 53 26.4	-0.1
WRH	comp-Z,19nm,1.3s					06 53 27.4	
ILAR	Eielson Array	64.03	22	P	P	06 53 27.2	-0.3
ILAR	comp-Z,3.8nm,0.8s,baz=313,slow=4.9,SNR=55					06 53 27.2	-0.3
ILAR	Eielson Array	64.03	22	P	P	06 53 27.2	-0.3
TRF	Thorofore Moun	64.07	24	P	P	06 53 27.0	+0.8
TRF	comp-Z,9.0nm,0.8s					06 53 27.0	+0.8
BATI	Baumata	64.12	138	P	P	06 53 27.0	+0.8
INK	Inuvik	64.20	15	P	P	06 53 28.0	+1.0
INK	comp-Z,3.7nm,0.6s,baz=288,slow=19,SNR=1.3					06 53 28.0	+1.0
INK	Inuvik	64.20	15	P	P	06 53 28.0	+1.0
INK	comp-Z,12nm,1.0s,baz=339,slow=8.9,SNR=25					06 53 28.0	+1.0
INK	Inuvik	64.20	15	P	P	06 53 28.0	+1.0
INK	comp-Z,18nm,1.1s					06 53 29.1	0.0
MCK	McKinley	64.26	24	P	P	06 53 29.1	0.0
HDA	Harding Lake	64.30	22	P	P	06 53 28.2	-1.0
SFJD	Kangerlussuaq	64.36	342	P	P	06 53 29.9	+0.4
SFJD	comp-Z,20nm,1.0s					06 53 29.9	+0.4
SFJD	Kangerlussuaq	64.36	342	P	P	06 53 29.9	+0.4
SFJD	comp-Z,20nm,0.9s					06 53 32.2	-0.3
SKT	Skwentna	64.79	26	P	P	06 53 32.2	-0.3
C36M	Paulatuk	64.81	11	P	P	06 53 32.0	-0.4
C36M	comp-Z,11nm,1.1s					06 53 32.1	-0.4
C36M	Paulatuk	64.81	11	P	P	06 53 32.1	-0.4
WAT2	Susitna Watana	64.95	24	P	P	06 53 32.7	-1.0
EPYK	Eagle Plains	65.22	17	P	P	06 53 34.7	-0.6
EPYK	comp-Z,14nm,0.8s					06 53 35.1	-0.1
EPYK	Eagle Plains	65.22	17	P	P	06 53 35.1	-0.1
SCRK	Sand Creek	65.44	22	P	P	06 53 36.4	-0.5
SCRK	comp-Z,13nm,1.0s					06 53 36.4	-0.5
SCRK	Sand Creek	65.44	22	P	P	06 53 36.4	-0.5
WAT6	Susitna Watana	65.49	24	P	P	06 53 37.3	+0.1
EGAK	Eagle	65.52	20	P	P	06 53 37.3	+0.1
EGAK	comp-Z,36nm,1.4s					06 53 45.0	
EGAK	Eagle	65.52	20	P	P	06 53 37.3	+0.1
PAX	Paxson	65.84	23	P	P	06 53 38.7	-0.7

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PAX	Paxson	65.84	23	P	P	06 53 39.4	0.0
PAX	comp-Z,13nm,1.2s					06 53 39.4	0.0
PAX	Paxson	65.84	23	P	P	06 53 39.4	0.0
SML	Sawmill	65.91	25	P	P	06 53 39.2	-0.7
SML	comp-Z,12nm,1.2s					06 53 38.1	-1.8
SML	Sawmill	65.91	25	P	P	06 53 38.1	-1.8
MBAR	Mbarara	65.92	244	e	Pmax	06 53 41.7	+1.1
MBAR	comp-Z,5.0nm,1.0s					06 53 41.7	+1.1
SCM	Sheep Creek Mo	66.19	24	P	Pmax	06 53 41.7	0.0
SCM	comp-Z,33nm,0.7s					06 53 41.7	0.0
SCM	Sheep Creek Mo	66.19	24	P	P	06 53 41.7	0.0
M24K	Tolsona, Glenn	66.32	24	P	P	06 53 42.9	+0.5
M24K	comp-Z,64nm,1.4s					06 53 43.1	+0.7
M24K	Tolsona, Glenn	66.32	24	P	P	06 53 43.1	+0.7
BCAR	Beaver Creek A	66.76	21	P	P	06 53 45.7	+0.4
N25K	Chitina, Valde	67.17	23	P	P	06 53 48.4	+0.5
N25K	comp-Z,2.64nm,1.4s					06 53 48.6	+0.6
N25K	Chitina, Valde	67.17	23	P	P	06 53 48.6	+0.6
TAM	Tamanrasset	67.54	280	P	Pmax	06 53 51.7	+0.8
TAM	comp-Z,7.0nm,0.6s					06 53 53.1	
TAM	Tamanrasset	67.54	280	P	P	06 53 53.1	
KDAK	Kodiak Island	67.58	29	P	P	06 53 50.1	-0.3
KDAK	comp-Z,18nm,1.0s,baz=292,slow=5.8,SNR=8.9					06 53 50.8	+0.4
KDAK	Kodiak Island	67.58	29	P	P	06 53 50.8	+0.4
KDAK	comp-Z,64nm,1.4s					06 53 50.8	+0.4
KDAK	Kodiak Island	67.58	29	P	P	06 53 50.8	+0.4
MCARA	McCarthy VSAT	67.80	23	P	P	06 53 52.8	+1.0
BALM	Baldy	68.28	23	P	P	06 53 53.2	+1.4
HYT	Haines Junctio	69.75	21	P	P	06 54 05.5	
HYT	comp-Z,14nm,0.8s					06 54 17.7	+0.3
FITZ	Fitzroy Crossi	71.90	140	P	P	06 54 20.2	-0.7
FITZ	comp-Z,13nm,0.8s					06 54 52.3	
YKA	Yellowknife Ar	72.57	10	P	LR	07 28 24.7	
YKA	comp-Z,8.7nm,0.8s,baz=344,slow=5.7,SNR=105					06 54 25.1	0.0
TOAO	Torodi Ar. Sit	76.61	275	P	P	06 54 45.1	0.0
TOAO	comp-Z,183nm,18.5s,baz=0.0,slow=38					06 54 49.0	-0.3
TORD	Torodi Ar. Bea	76.61	275	P	P	06 54 44.9	-0.3
TORD	comp-Z,12nm,0.8s,baz=37,slow=4.9,SNR=55					07 04 31.0	-0.5
TORD	Torodi Ar. Bea	76.61	275	P	P	06 54 45.1	0.0
TORD	comp-Z,1.1nm,1.1s,baz=47,slow=11,SNR=3.9					06 54 49.0	-0.7
FCC	Fort Churchill	77.54	360	P	Pmax	06 54 49.0	-0.7
FCC	comp-Z,43nm,1.5s					06 54 58.3	
FCC	Fort Churchill	77.54	360	P	P	06 54 58.3	
WB0	Warramunga Arr	77.64	133	P	P	06 54 50.4	-0.4
WB0	comp-Z,19nm,0.9s					06 54 50.5	-0.9
WRAB	Tennant Creek	77.76	134	e	Pmax	06 54 50.9	-0.5
WRAB	comp-Z,39nm,1.7s					07 33 33.1	
WRA	Warramunga Arr	77.76	134	P	P	06 54 51.4	0.0
WRA	comp-Z,19nm,1.0s,baz=332,slow=4.5,SNR=102						

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WJ6A, R5SD, PD31, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LVC, PB15, PLCA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TWK, TWF1, EYUL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like 121A, 121B, 121C, etc.

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

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

22d 9h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Vitosha, Elat, Carcalui, Muntele Rosu, etc.

DRS 22 09:46:12.5:0.0, 42.67N:45.88E, h16km, ML3.3/7
MOS 22 09:46:12.9:0.0, 43.03N:46.12E, h52km, MPVA3.7
NORS 22 09:46:12.9:0.0, 42.93N:46.11E, h65km, 3km, MPVA3.7
DDA 22 09:46:12.4:0.0, 42.32N:45.69E, h7km, 5km, ML1.5
ISC 22 09:46:15.3:1.0, 43.00N:0.03:46.12E:0.02, h61km, 7km, n66, e177/116, 21C-6D, Eastern Caucasus

Main table for 22d 9h section, listing station codes, names, and various parameters. Includes Botlikh, Dylim, Dubki, Karanay, etc.

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Table for 2015 FEB section, listing station codes, names, and various parameters. Includes Botnikuri, Tsey, Lesken, etc.

SOME 22 09:48:01.5, 42.12N:84.02E, h10km
NNC 22 09:48:03.8:2.5, 42.18N:83.89E, h0km, mb3.7, mpv3.3
Error ellipse: s-maj=21.1km s-min=10.6km az=156.0
ISC 22 09:48:06.8:2.3, 42.33N:0.1:83.81E:0.08, h10km, n27, e22/237, 10C-4D, Northern Xinjiang

Main table for 2015 FEB section, listing station codes, names, and various parameters. Includes Ketmen, Shalkode, Gofitskoye, etc.

1072

Main table for 1072 section, listing station codes, names, and various parameters. Includes Zaisan, KasteK, Tokmak 2, etc.

0.7nm,0.3s,baz=194,slow=26,SNR=8.8
SONMG Songoing Array 14.79 69 Pn
0.1nm,0.3s,baz=267,slow=11,SNR=3.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DENIZLI_Tavas, Manisa, Karahalli, Mugla, Merkez, Uak-Merkez, Denizli, Camel, Golhisar, Demirci, Gediz.

ISK 22 10:03:20.7,37:15N-27.87E, h0km,1jkm, ML2.0/5, Suspected Mining explosion., Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Milas, Yerkesik, Bodrum, Turunc, Zeytinokoy-Aydi.

IDC 22 10:05:07.4,1.6,0.73N-122.52E, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.1/24, mbtmp3.1/3, Error ellipse: s-maj=246.5km s-min=25.3km az=61.0, Minahassa Peninsula, Sulawesi

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

IDC 22 10:13:23.5,6.7,6.54S-147.86E, h0km, mb3.8/2, mb1 3.9/3, mb1mx3.4/26, mbtmp3.7/3, ML3.7/1, Error ellipse: s-maj=106.8km s-min=72.8km az=171.0, Eastern New Guinea region

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

IDC 22 10:28:19.1,45.0,15.69S-171.81W, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.7/30, mbtmp4.3/3, Error ellipse: s-maj=878.3km s-min=180.0km az=79.0, Samoa Islands region

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

KRSC 22 10:58:04.9,2.0,52.05N-161.99E, h80km,25km, ML4.0 IDC 22 10:58:04.1,3.0,52.03N-161.95E, h0km, mb3.6/5, Mb1 3.9/6, mb1mx3.4/53, mbtmp3.6/6, ML2.8/1, MS2.4/2, Ms1 2.4/2, ms1mx2.2/46, Error ellipse: s-maj=104.2km s-min=20.2km az=5.0

ISC 22 10:58:05.3,1.0,52.11N,0.06,161.89E,0.05, h10km, n37, e1539/55, mb3.6/5, Off east coast of Kamchatka Peninsula

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mys Shipunski, Nalytchevo, Russkaya, Dalny, Uglovaya, Sedlovina, Petropavlovsk, Somma, Avacha, Koryakskii, Mutnovka, Koryaka, Arik, Khodutka, Kamc, Goretly, Karymshinskiy, Mys Kozlova, Petropavlovsk, Ganal, Apacha, Kizimen, Pauzhetka, Tumrok, Severo-Kuril's, Sredinnyy, Semkarok, Sorokina, Magadan, Yellowknife Ar.

ZALV Zalesovo Beam 44.23 304 LR 11 24 06.7
KURBB Kurchatov Arra 49.29 303 P 11 06 54.9 +0.9
MKAR Makanchi Array 49.58 297 P 11 06 56.9 +0.7
PDAR Pinedale Array 57.04 61 P 11 07 52.0 +0.6
TXAR Lajitas Array 70.01 68 P 11 09 17.3 +0.1

IDC 22 11:02:08.2,1.1,44.10N-85.73E, h0km, mb3.8/4, mb1 3.9/8, mb1mx3.4/46, mbtmp3.7/5, ML3.2/1, Error ellipse: s-maj=89.2km s-min=26.7km az=68.0

ISC 22 11:02:14.5,1.6,28.41N,0.2,81.4E,0.2, h35km, n6, n0,68/6, mb3.7/4, Nepal-India border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cherat, Makanchi Array, Kurchatov Arra, Zalesovo Beam, FINESS Array B, ASAR Alice Springs.

IDC 22 11:10:01.3,1.1,44.10N-85.73E, h0km, mb3.8/5, mb1 3.9/8, mb1mx3.6/40, mbtmp3.8/8, ML3.1/3, Error ellipse: s-maj=76.7km s-min=12.1km az=51.0

SOME 22 11:10:02.2, 43.98N-85.67E, h15km NNC 22 11:10:07.2, 0.4, 17.1N-85.34E, h13km, gkm, mb4.0, mpv3.7, Error ellipse: s-maj=14.4km s-min=8.3km az=114.0

ISC 22 11:10:02.0, 0.9, 43.89N, 0.06, 85.57E, 0.05, h10km, n46, e26/59, mb3.6/6, 8C-9D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Makanchi Array, Kurchatov Arra, Zalesovo Beam, FINESS Array B, ASAR Alice Springs.

SOME 22 11:25:26.8, 44.30N-85.47E, h10km NNC 22 11:25:27.6, 2.0, 44.22N-85.45E, h6km, 11km, mb3.7, mpv3.5, Error ellipse: s-maj=15.1km s-min=7.0km az=121.0

ISC 22 11:25:24.2, 4.2, 44.03N, 0.08, 85.5E, 0.1, h10km, n30, e154/40, 9C-2D, Northern Xinjiang

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ketmen, Makanchi, MakZ, DJR, Jarkent, PDGK, SHLS, UZB, KPKS, MNBS, ARXS, KOTS, MDOK, ARX, TNS, KTB, KU, KST.

KST 2.7nm,0.2s Lg Lg 11 13 48.9
TKM2 Tokmak 2 6.3nm,1.1s 7.33 266 Pj Pg 11 12 18.7 -3.6
TKM2 6.8nm,0.8s 8.18 265 Lg Lg 11 14 27.7
AAK Ala-Archa 0.3nm,0.3s,baz=252,slow=20,SNR=2.5 8.18 265 Pg Pg 11 12 35.5 -3.1

IDC 22 11:02:08.2,1.1,44.10N-85.73E, h0km, mb3.8/4, mb1 3.9/8, mb1mx3.4/46, mbtmp3.7/5, ML3.2/1, Error ellipse: s-maj=89.2km s-min=26.7km az=68.0

ISC 22 11:02:14.5,1.6,28.41N,0.2,81.4E,0.2, h35km, n6, n0,68/6, mb3.7/4, Nepal-India border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kurchatov Arra, Zalesovo Beam, FINESS Array B, ASAR Alice Springs.

IDC 22 11:10:01.3,1.1,44.10N-85.73E, h0km, mb3.8/5, mb1 3.9/8, mb1mx3.6/40, mbtmp3.8/8, ML3.1/3, Error ellipse: s-maj=76.7km s-min=12.1km az=51.0

SOME 22 11:10:02.2, 43.98N-85.67E, h15km NNC 22 11:10:07.2, 0.4, 17.1N-85.34E, h13km, gkm, mb4.0, mpv3.7, Error ellipse: s-maj=14.4km s-min=8.3km az=114.0

ISC 22 11:10:02.0, 0.9, 43.89N, 0.06, 85.57E, 0.05, h10km, n46, e26/59, mb3.6/6, 8C-9D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kurchatov Arra, Zalesovo Beam, FINESS Array B, ASAR Alice Springs.

SOME 22 11:25:26.8, 44.30N-85.47E, h10km NNC 22 11:25:27.6, 2.0, 44.22N-85.45E, h6km, 11km, mb3.7, mpv3.5, Error ellipse: s-maj=15.1km s-min=7.0km az=121.0

ISC 22 11:25:24.2, 4.2, 44.03N, 0.08, 85.5E, 0.1, h10km, n30, e154/40, 9C-2D, Northern Xinjiang

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zaisan, Makanchi, MakZ, DJR, Jarkent, PDGK, SHLS, UZB, KPKS, MNBS, ARXS, KOTS, MDOK, ARX, TNS, KTB, KU, KST.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, h, m, s, ISC, Time, Res. Includes stations like VRAC Vranov, WERN Wernitzgruen, GIZ Gunzen, etc.

IDC 22 11:54:55.7, 2.3, 36.39N:141.30E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.4/40, mbmt3.5/6, ML2.8/1, Error ellipse: s-maj=69.5km s-min=22.0km az=59.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, h, m, s, ISC, Time, Res. Includes stations like Hitachinakayama, Hitachi, Hitahori, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, h, m, s, ISC, Time, Res. Includes stations like MJAR Matsushiro Arr, MAT Matsushiro, SOM Songio Array, etc.

IDC 22 12:17:19.0, 2.3, 1.90S, 139.99E, h0km, mb3.8/4, mb1 4.3/6, mb1mx3.7/52, mbmt4.1/6, ML4.5/2, Error ellipse: s-maj=70.6km s-min=22.1km az=95.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, h, m, s, ISC, Time, Res. Includes stations like BATI Baumata, WRA Warrunganga Arr, FITZ Fitzroy Crossi, etc.

DJA 22 12:19:31.3, 1.1, 11N, 3.12E, h10km, gkm, M4.7/13, mb5.3/4, mb4.3/13, ML4.6/10, M(W)M(B)4.7/4

NEIC 22 12:19:32.6, 1.4, 0.70N, 0.10E, h37km, 7km, mb4.7/27, Error ellipse: s-maj=13.9km s-min=9.4km az=172.0

IDC 22 12:19:33.0, 5.3, 0.73N, 126.14E, h33km, 42km, mb4.3/31, mb1 4.3/34, mb1mx4.2/58, mbmt4.4/34, ML4.2/3, MS3.5/4, Ms1 3.5/4, ms1mx3.0/49, Error ellipse: s-maj=17.5km s-min=12.3km az=90.0

IDC 22 12:19:33.5, 0.4, 0.78N, 105.126E, 0.06, h39km, n117, r1923/115, mb4.6/51, 2C-1D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, h, m, s, ISC, Time, Res. Includes stations like TNTI Ternate, KMSI Cibinong, SANI Sanandaji, etc.

WRAB Tennant Creek 22.05 159 P Iamb Iamb 12 24 24.3 -1.5

WRA Warrunganga Arr 22.06 159 P P 12 24 24.2 -1.0

WBE2 Warrunganga Arr 22.06 159 Iamb Iamb 12 24 24.2 -0.8

WRO Warrunganga Arr 22.15 159 P Iamb Iamb 12 24 24.9 -1.2

TPUB Ta-pu 23.05 347 P Iamb Iamb 12 24 35.3 -0.3

AS31 Alice Springs 25.41 164 P P 12 24 58.0 +0.5

ASAR Alice Springs 25.41 164 P P 12 24 58.6 +1.0

ASAR Alice Springs 25.41 164 P P 12 24 58.0 +0.4

JOW Kunigami 25.97 4 P P 12 25 04.7 +2.1

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, h, m, s, ISC, Time, Res. Includes stations like GTA Gaotai, ASAJ Asahikawa, PALK Palkele, etc.

SOME 22 12:43:33.5, 4.4, 23N, 85.55E, h10km IDC 22 12:43:35.9, 3.9, 4.4, 46N, 149.49E, h0km, mb3.7/2, mb1 3.6/5, mb1mx3.3/37, mbmt3.6/5, ML2.8/4, Error ellipse: s-maj=54.4km s-min=31.8km az=14.0

NNC 22 12:43:35.2, 1.9, 44.1, 11N, 85.26E, h15km, gkm, mb3.8, mpv3.5, Error ellipse: s-maj=13.5km s-min=8.4km az=113.0

IDC 22 12:43:31.5, 1.4, 43.96N, 106.85E, 0.07, h10km, n41, r1886/58, 8C-9D, Northern Xinjiang

ZSN Zaisan 3.53 352 eP P 12 24 33.6 -0.4

ZSN Zaisan 59m, 0.8s 3.53 352 Pg Pb 12 24 33.6 -0.4

ZSN Zaisan 4.0m, 0.2s 3.53 352 Pg Pb 12 24 33.6 -0.4

ZSN Zaisan 58m, 0.8s 3.53 352 Pg Pb 12 24 33.6 -0.4

ZSN Zaisan 58m, 0.8s 3.53 352 Pg Pb 12 24 33.6 -0.4

ZSN Zaisan 58m, 0.8s 3.53 352 Pg Pb 12 24 33.6 -0.4

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ZSN Zaisan 58m, 0.8s 3.53 352 Pg Pb 12 24 33.6 -0.4

ZSN Zaisan 58m, 0.8s 3.53 352 Pg Pb 12 24 33.6 -0.4

ZSN Zaisan 58m, 0.8s 3.53 352 Pg Pb 12 24 33.6 -0.4

22d 12h

R58A	baz=177,SNR=23	S	S	13 08 33.5 +4.6
MIAR	baz=177	35.43 335	P	13 03 05.3 -0.6
MIAR	baz=150,SNR=31	35.43 335	P	13 03 04.7 -1.1
MIAR	comp=Z,42nm,0.9s		pmax	
MIAR	baz=177	35.43 335	P	13 03 04.7 -1.1
R57A	Stanardville	35.44 357	P	13 03 07.4 +1.6
R57A	baz=176		S	13 08 30.4 +4.8
P5B1	Pemiscott Bayo	35.45 341	P	13 03 06.2 +0.3
W41B	Gary Mavity, V	35.45 337	P	13 03 05.6 -0.3
T47A	Sharon Grove	35.46 345	P	13 03 05.8 -0.2
R54A	Victor	35.51 354	P	13 03 08.1 +1.7
R54A	baz=172,SNR=12		S	13 08 33.7 +3.3
WHAR	Wooley Hollow	35.57 337	P	13 03 05.6 -1.3
WHAR	comp=Z,137nm,1.0s		I Amb	
HICK	Hickman	35.64 342	P	13 03 07.5 0.0
PENMO	Penman	35.68 342	P	13 03 08.2 +0.3
VA03	San Esteban	35.75 171	P	13 03 09.1 +0.4
R53A	Hurricane	35.77 353	P	13 03 09.2 +0.5
R53A	comp=Z,68nm,0.7s		I Amb	
LCAR	Lake Charles	35.84 339	P	13 03 08.7 -0.5
HENM	Henderson Moun	35.88 342	P	13 03 09.5 0.0
HENM	comp=Z,204nm,1.1s		I Amb	
T45A	Paducah	35.91 343	P	13 03 09.1 -0.7
PARMO	Parma	35.92 342	P	13 03 09.4 +0.5
Q59A	Harwood	35.95 360	P	13 03 11.9 +1.8
Q59A	baz=180,SNR=6.4		S	13 08 41.2 +4.2
Q61A	Milford	35.98 1	P	13 03 12.5 +2.1
FCAR	Ozark Folk Cen	36.03 338	P	13 03 10.3 -0.5
FCAR	comp=Z,153nm,1.1s		I Amb	
Q58A	Fox Den Farm	36.05 358	P	13 03 12.7 +1.7
Q58A	baz=178,SNR=21		S	13 08 42.6 +4.1
W39A	Magazine	36.08 336	P	13 03 11.5 +0.4
W39A	baz=150,SNR=52		S	13 03 11.4 +0.1
W39A	Magazine	36.08 336	P	13 03 12.9
W39A	comp=Z,145nm,1.1s		I Amb	
R50A	Paris	36.10 349	P	13 03 11.9 +0.5
R50A	comp=Z,128nm,0.9s		I Amb	
Z35A	Perchaven, San	36.13 330	P	13 03 11.6 -0.2
PTGB	Pitanga	36.13 140	eP	13 03 10.1 -1.9
BB19B	Bebedouro	36.16 132	eP	13 03 10.9 -1.3
Q57A	Strasbourg	36.17 357	P	13 03 14.0 +2.0
Q57A	baz=177,SNR=12		S	13 08 45.1 +4.7
Q56A	Snyder Ridge,	36.21 356	P	13 03 14.5 +2.1
Q56A	baz=175,SNR=13		S	13 08 46.1 +5.0
Q56A	Snyder Ridge,	36.21 356	P	13 03 14.4 +2.0
Q56A	comp=Z,245nm,1.6s		I Amb	
PBMO	Poplar Bluff	36.24 341	P	13 03 11.6 -1.0
PBMO	comp=Z,112nm,0.8s		I Amb	
Q53A	Leroy	36.24 353	P	13 03 14.2 +1.6
Q53A	baz=172,SNR=25		S	13 08 43.9 +2.4
X37A	Clayton	36.25 333	P	13 03 12.4 -0.4
X37A	comp=Z,143nm,0.9s		I Amb	
R49A	Shelbyville	36.27 348	P	13 03 13.1 +0.3
R49A	comp=Z,165nm,1.1s		I Amb	
Q54A	Coxs Mills	36.29 354	P	13 03 14.4 +1.3
Q54A	comp=Z,134nm,1.1s		I Amb	
JANB	Januaría	36.40 120	eP	13 03 13.8 -0.6
Q52A	Bidwell	36.44 352	P	13 03 15.1 +0.8
WCI	Wyandotte Cave	36.45 347	P	13 03 14.5 +0.1
WCI	baz=163		S	13 03 14.2 -0.2
WCI	Wyandotte Cave	36.45 347	P	13 03 14.2 -0.2
WCI	comp=Z,80nm,0.8s		pmax	
WCI	Wyandotte Cave	36.45 347	P	13 03 14.2 -0.2
WCI	comp=Z,80nm,0.8s		I Amb	
SDMD	Soldier's Deli	36.50 359	P	13 03 15.9 +1.1
USIN	University of	36.53 345	P	13 03 14.2 -0.9
P57A	Homestead Farm	36.60 358	P	13 03 17.7 +2.1
P57A	baz=178,SNR=10.0		S	13 08 51.0 +4.2
P57A	Homestead Farm	36.60 358	P	13 03 17.4 +1.8
P57A	comp=Z,205nm,1.6s		I Amb	
P56A	Dayton Farm, R	36.66 357	P	13 03 18.2 +2.1
P56A	baz=176,SNR=12		S	13 03 16.9 +0.8
Q51A	Peebles	36.66 351	P	13 03 15.7 -0.8
T42A	Van Buren	36.69 340	I Amb	13 03 17.2
T42A	comp=Z,146nm,0.9s		I Amb	
P59A	Jarrettsville	36.70 0	P	13 03 18.2 +1.7
S44A	Carbondale	36.72 343	P	13 03 16.2 -0.5
U40A	Yellville	36.72 338	P	13 03 16.7 -0.1
U40A	baz=152,SNR=200		S	13 03 16.4 -0.3
U40A	Yellville	36.72 338	P	13 03 16.4 -0.3
SIUC	Southern Illin	36.73 343	P	13 03 16.2 -0.5
ABTX	Abilene, Hawle	36.84 326	P	13 03 17.9 0.0
ABTX	baz=139,SNR=55		S	13 03 17.6 -0.2
ABTX	Abilene, Hawle	36.84 326	P	13 03 19.4
P53A	Whipple	36.85 354	P	13 03 19.2 +1.5
P53A	comp=Z,234nm,1.2s		I Amb	
MCWV	Mont Chateau	36.87 356	P	13 03 19.7 +1.7
MCWV	baz=174,SNR=9.5		S	13 03 18.8 +0.8
MCWV	Mont Chateau	36.87 356	P	13 03 19.7 +1.7
HPIG	Mont Chateau	36.90 313	P	13 03 19.5 +0.8
HPIG	comp=Z,89nm,1.1s		I Amb	
P60A	Greenville	36.90 1	P	13 03 19.0 +0.8
P60A	baz=181		S	13 03 20.3 +1.0
TX31	Lajitas Ar. Si	36.99 318	P	13 03 20.3 +1.0
TX32	Lajitas Array	36.99 318	P	13 03 19.8 +0.5
TX32	comp=Z,166nm,1.1s		I Amb	
TXAR	Lajitas Array	36.99 318	P	13 03 20.4 +1.2
TXAR	comp=Z,7.2nm,0.9s, baz=144,slow=8.7,SNR=391		Pp	13 04 49.6 +0.5
TXAR	comp=Z,7.4nm,1.0s, baz=139,slow=8.4,SNR=2.6		Pp	13 05 38.6 +1.6
TXAR	comp=Z,3.9nm,0.7s, baz=145,slow=6.6,SNR=10		ScP	13 09 10.6 +0.8
TXAR	comp=Z,4.0nm,1.2s, baz=108,slow=4.1,SNR=4.9		ScP	13 03 20.6 +1.4
TXAR	Lajitas Array	36.99 318	P	13 03 20.6 +1.4
PSUB	Penn St - Bra	37.02 1	P	13 03 20.6 +1.4
WUPA	West Chester U	37.03 1	P	13 03 20.3 +0.8
P51A	Williamsport	37.06 351	P	13 03 21.9
P51A	comp=Z,86nm,1.1s		I Amb	
HHAR	Hobbs	37.08 336	P	13 03 19.0 -0.8
P52A	Corning	37.08 353	P	13 03 20.8 +1.1
P52A	baz=171,SNR=40		S	13 08 55.6 +1.4
P52A	Corning	37.08 353	P	13 03 20.7 +1.0
MVL	Millersville	37.08 0	P	13 03 21.3 +1.6
MGMO	Mountain Grove	37.21 339	P	13 03 20.1 -0.8
O58A	Lewisberry	37.21 359	P	13 03 22.7 +1.9
O58A	baz=179,SNR=11		S	13 09 01.0 +4.9
O61A	Allentown	37.22 2	P	13 03 22.1 +1.3

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O57A	baz=183	37.31 358	P	13 03 23.5 +1.9
O57A	Amberson	37.31 358	P	13 03 23.5 +1.9
PAGS	Pennsylvania G	37.31 360	P	13 03 22.5 +0.9
FVM	French Village	37.34 342	P	13 03 21.7 -0.3
FVM	comp=Z,464nm,1.3s		pmax	
FVM	French Village	37.34 342	P	13 03 21.6 -0.3
OLIL	Olney	37.37 345	P	13 03 22.0 -0.1
P49A	Miami Univ. Ec	37.38 349	P	13 03 22.2 -0.1
P49A	baz=166,SNR=30		S	13 03 21.9 -0.4
P49A	Miami Univ. Ec	37.38 349	P	13 03 21.9 -0.4
P49A	comp=Z,148nm,1.0s		I Amb	
O59A	Robesonia	37.40 0	P	13 03 24.2 +1.8
O59A	baz=180,SNR=5.2		S	13 03 21.6 -0.8
U38A	Gravette	37.40 336	P	13 03 23.2
U38A	comp=Z,198nm,1.1s		I Amb	
BLO	Bloomington	37.40 347	P	13 03 22.5 +0.1
BLO	comp=Z,219nm,0.8s		pmax	
BLO	Bloomington	37.40 347	P	13 03 22.5 +0.1
O56A	Blue Knob Stat	37.40 357	P	13 03 24.5 +2.0
O56A	baz=177,SNR=12		S	13 09 03.4 +4.2
O56A	Blue Knob Stat	37.40 357	P	13 03 24.3 +1.8
O60A	Telford	37.41 1	P	13 03 25.1 +2.6
X34A	Smith Ranch, M	37.43 330	P	13 03 22.8 +0.1
X34A	comp=Z,179nm,1.1s		I Amb	
O54A	Avella	37.44 355	P	13 03 23.8 +1.1
O54A	comp=Z,166nm,1.4s		I Amb	
P48A	Milroy	37.45 349	P	13 03 22.4 -0.4
P48A	comp=Z,163nm,1.0s		I Amb	
O52A	Adamsville	37.52 353	P	13 03 24.0 +0.6
TUL1	Leonard	37.55 334	P	13 03 23.0 -0.1
TUL1	baz=147		S	13 09 00.2 -1.2
TUL1	Leonard	37.55 334	P	13 03 23.4 -0.3
O53A	New Philadelphia	37.58 334	P	13 03 25.2 +1.3
O53A	baz=172,SNR=28		S	13 09 04.4 +2.6
O53A	New Philadelphia	37.58 334	P	13 03 25.0 +1.1
CCM	Cathedral Cave	37.67 341	P	13 03 23.9 -0.8
CCM	comp=Z,136nm,0.9s		pmax	
CCM	Cathedral Cave	37.67 341	P	13 03 23.7 -1.0
CCM	comp=Z,136nm,0.9s		I Amb	
LUPA	Lehigh Univers	37.70 1	P	13 03 27.1 +2.2
E002	Sierra Bellavi	37.72 172	P	13 03 26.2 +1.0
FNO	Franklin	37.75 331	P	13 03 25.5 +0.1
Q44A	Meyer Farm, Va	37.77 344	P	13 03 24.6 -0.9
ACSO	Alum Creek Sta	37.78 352	P	13 03 26.6 +0.9
ACSO	baz=169,SNR=15		S	13 03 26.2 +0.6
ACSO	Alum Creek Sta	37.78 352	P	13 03 26.2 +0.6
ACSO	comp=Z,168nm,1.4s		I Amb	
BRNJ	Basking Ridge	37.80 2	P	13 03 27.4 +1.6
BRNJ	comp=Z,105nm,1.2s		I Amb	
N57A	Milroy	37.85 359	P	13 03 27.8 +1.6
N57A	baz=178,SNR=6.2		S	13 09 09.4 +3.6
N57A	Saint Louis	37.88 342	P	13 03 26.0 -0.5
N57A	comp=Z,125nm,0.9s		pmax	
SLM	Saint Louis	37.88 342	P	13 03 26.0 -0.5
SLM	comp=Z,125nm,0.9s		I Amb	
OKCSW	OKLAHOMA CITY	37.88 332	P	13 03 25.9 -0.6
N61A	South Mountain	37.89 3	P	13 03 29.1 +2.7
OKCFA	Oklahoma City	37.90 332	P	13 03 25.8 -0.9
ITAB	Concordia	37.92 143	eP	13 03 25.4 -1.6
N58A	Sunbury	37.92 360	P	13 03 28.5 +1.7
N58A	baz=180,SNR=8.1		S	13 09 11.0 +4.0
N58A	Sunbury	37.92 360	P	13 03 28.7 +1.9
O49A	Covington	37.95 350	P	13 03 26.6 -0.4
O49A	comp=Z,128nm,1.1s		I Amb	
N60A	Cedar Hill Far	37.97 2	P	13 03 28.8 +1.6
N60A	baz=182,SNR=5.4		S	13 03 26.7 -0.6
OK025	Westminster Rd	37.98 332	P	13 03 26.7 -0.7
P46A	Rosedale	37.98 346	P	13 03 28.4
P46A	comp=Z,87nm,0.8s		I Amb	
N59A	State Game Lan	38.01 1	P	13 03 29.6 +2.1
N59A	baz=181,SNR=10		S	13 09 12.7 +4.5
N59A	State Game Lan	38.01 1	P	13 03 29.3 +1.8
N59A	comp=Z,313nm,2.0s		I Amb	
OK030	Cody Creek RV	38.01 333	P	13 03 27.2 -0.4
WMOK	Wichita Mouna	38.01 329	P	13 03 27.3 -0.4
WMOK	baz=142,SNR=7.2		S	13 03 27.0 -0.7
WMOK	Wichita Mouna	38.01 329	P	13 03 27.0 -0.7
WMOK	comp=Z,144nm,1.2s		pmax	
WMOK	Wichita Mouna	38.01 329	P	13 03 27.0 -0.7
WMOK	comp=Z,144nm,1.1s			

22d 12h

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

2015 FEB

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like G03D, C06D, E04D, etc.

1081 22d 12h

VRDI VRDI	Verde Repeater	76.68 333	P	I Amb	I Amb	13 07 58.6 +0.2	13 08 00.8
GLB GLB	Gilahina Butte	76.91 333	P	I Amb	I Amb	13 08 00.1 +0.6	13 08 02.0
EGAK EGAK	Eagle	76.95 337	P	P	P	13 08 00.3 +0.7	
EGAK EGAK	Eagle	76.95 337	P	I Amb	I Amb	13 08 00.1 +0.6	13 08 01.7
BMRM BMRM	Bremner River	77.13 332	P	P	P	13 08 01.6 +0.9	
N25K N25K	Chitina, Valde	77.32 333	P	P	P	13 08 02.7 +0.9	
MENT MENT	Mentasta	77.36 334	P	P	P	13 08 02.6 +0.7	
EUNU EUNU	Eureka	77.42 358	P	P	P	13 08 02.4 +0.4	
DOT DOT	Dot Lake	77.74 335	P	I Amb	I Amb	13 08 04.5 +0.5	13 08 06.4
SCRK SCRK	Sand Creek	77.82 335	P	P	P	13 08 05.5 +0.9	
TOAO TOAO	Torodi Arr. Sit	77.84 77	P	P	P	13 08 05.2 -0.3	
TORD TORD	Torodi Arr. Bea	77.84 77	P	P	P	13 08 04.3 -1.2	
TORD TORD	Torodi Arr. Bea	77.84 77	P	LR	LR	13 04 127.8	
TORD TORD	Torodi Arr. Bea	77.84 77	P	P	P	13 08 03.9 -1.6	
TORD TORD	Torodi Arr. Bea	77.84 77	P	P	P	13 08 05.6 +0.6	
KLU KLU	Klutina	77.89 333	P	I Amb	I Amb	13 08 04.8 -0.1	13 08 07.1
PAX PAX	Paxson	78.13 334	P	P	P	13 08 06.7 +0.4	
PAX PAX	Paxson	78.13 334	P	pmax	pmax	13 08 05.9 -0.4	
PAX PAX	Paxson	78.13 334	P	I Amb	I Amb	13 08 05.9 -0.4	
M24K M24K	Tolsona, Glenn	78.19 333	P	P	P	13 08 08.1 +1.5	
M24K M24K	Tolsona, Glenn	78.19 333	P	I Amb	I Amb	13 08 07.4 +0.9	13 08 09.0
SCM SCM	Sheep Creek Mo	78.63 333	P	pmax	pmax	13 08 09.4 +0.3	
SCM SCM	Sheep Creek Mo	78.63 333	P	I Amb	I Amb	13 08 09.4 +0.3	13 08 11.0
PRP PRP	Porcupine Dome	78.94 337	P	P	P	13 08 11.1 +0.4	
PRP PRP	Porcupine Dome	78.94 337	P	P	P	13 08 10.8 0.0	
WAT6 WAT6	Susitna Watana	79.02 333	P	P	P	13 08 11.6 +0.3	
SML SML	Sawmill	79.09 333	P	P	P	13 08 12.0 +0.5	
SML SML	Sawmill	79.09 333	P	I Amb	I Amb	13 08 10.9 -0.6	13 08 13.3
FYU FYU	Fort Yukon	79.16 338	P	I Amb	I Amb	13 08 12.2 +0.5	13 08 14.0
HDA HDA	Harding Lake	79.19 335	P	P	P	13 08 12.1 +0.2	
HDA HDA	Harding Lake	79.19 335	P	I Amb	I Amb	13 08 11.9 0.0	13 08 13.5
BMAR BMAR	Burnt Mountain	79.19 339	P	P	P	13 08 12.3 +0.3	
SEW SEW	Seward	79.20 331	P	I Amb	I Amb	13 08 12.6 +0.6	
SEW SEW	Seward	79.20 331	P	I Amb	I Amb	13 08 12.2 +0.2	13 08 13.4
IL31 ILAR	Eielson Array	79.26 336	P	P	P	13 08 11.5 -0.7	
ILAR ILAR	Eielson Array	79.26 336	P	P	P	13 08 12.2 -0.1	
ILAR ILAR	Eielson Array	79.26 336	P	P	P	13 11 12.9 -1.1	
PMR PMR	Palmer	79.40 332	P	P	P	13 08 12.4 -0.7	
PMR PMR	Palmer	79.40 332	P	P	P	13 08 12.4 -0.7	
O22K O22K	Cooper Landing	79.42 331	P	P	P	13 08 13.8 +0.6	
WAT2 WAT2	Susitna Watana	79.50 334	P	P	P	13 08 14.0 +0.2	
RC01 RC01	Rabbit Creek A	79.56 332	P	P	P	13 08 14.3 +0.3	
POKR POKR	Poker Plat Res	79.59 336	P	P	P	13 08 14.4 +0.4	
POKR POKR	Poker Plat Res	79.59 336	P	I Amb	I Amb	13 08 14.7 +0.6	13 08 16.1
CCB WRH	Clear Creek Bu	79.61 335	P	P	P	13 08 13.5 -0.6	
COLA COLA	College	79.69 336	P	P	P	13 08 14.6 -0.2	
COLA COLA	College	79.69 336	P	pmax	pmax	13 08 14.6 +0.1	
COLA COLA	College	79.69 336	P	P	P	13 08 14.8 +0.2	
COLA COLA	College	79.69 336	P	P	P	13 08 14.4 -0.1	13 08 14.6 +0.1
COLA COLA	College	79.69 336	P	P	P	13 08 14.7 +0.1	
RCOL RCOL	Reindeer	79.73 334	P	pmax	pmax	13 08 15.4 +0.4	
RND RND	Reindeer	79.73 334	P	I Amb	I Amb	13 08 15.4 +0.4	13 08 17.2
BRSE BRSE	Bradley Lake S	79.75 330	P	P	P	13 08 15.2 +0.1	
BRK BRK	Bradley Lake	79.83 330	P	I Amb	I Amb	13 08 15.2 -0.3	13 08 17.1
MCK MDM	McKinley	79.84 334	P	P	P	13 08 15.8 +0.3	
CUT CUT	Chulitna	80.11 333	P	P	P	13 08 17.0 0.0	
NEA2 NEA2	Nenana	80.12 335	P	P	P	13 08 17.2 +0.3	
SUA SUA	Susitna One	80.12 332	P	P	P	13 08 17.4 +0.3	
SUA SUA	Susitna One	80.12 332	P	I Amb	I Amb	13 08 17.5 +0.3	13 08 19.2
BWN DAG	Browne	80.18 335	P	P	P	13 08 16.6 -0.7	
DAG DAG	Danmarks Havn	80.28 11	P	P	P	13 08 17.0 -0.5	
DAG DAG	Danmarks Havn	80.28 11	P	P	P	13 08 17.0 -0.5	
KDAK KDAK	Kodiak Island	80.31 328	eP	pmax	pmax	13 08 15.1 -2.9	
TRF TRF	Thorofare Moun	80.36 334	P	P	P	13 08 18.6 +0.1	
I23K I23K	Minto, Yukon-K	80.36 336	P	P	P	13 08 18.7 +0.4	
I23K I23K	Minto, Yukon-K	80.36 336	P	I Amb	I Amb	13 08 18.4 +0.1	13 08 20.3
CLF SKT	Chambon-Foret	80.41 42	P	P	P	13 08 19.4 +0.5	
SKT SKT	Skwentna	80.60 332	P	P	P	13 08 19.7 +0.1	
SKT SKT	Skwentna	80.60 332	P	P	P	13 08 18.8 -0.8	13 08 21.3
KTH BPAW	Kantishna Hill	80.66 334	P	P	P	13 08 19.6 -0.3	
BPAW BPAW	Bear Paw Mtn	80.81 335	P	P	P	13 08 20.8 +0.1	
BPAW BPAW	Bear Paw Mtn	80.81 335	P	I Amb	I Amb	13 08 20.2 -0.5	13 08 22.3
RSO MLY	Redoubt South	80.88 331	P	P	P	13 08 21.0 -0.3	
MLY MLY	Manley	80.92 336	P	P	P	13 08 21.2 -0.1	
PPLA PPLA	Purkeypile	81.09 333	P	P	P	13 08 22.2 -0.1	
PPLA PPLA	Purkeypile	81.09 333	P	I Amb	I Amb	13 08 22.2 -0.1	13 08 23.9

KIP KIP	Kipapa	81.16 291	eP	pmax	pmax	13 08 24.9 +1.6	
COLD COLD	Coldfoot	81.22 338	P	P	P	13 08 23.8 +1.1	
COLD CHUM	Coldfoot	81.22 338	P	P	P	13 08 23.4 +0.7	
COLD CHUM	Lake Minchumin	81.34 334	P	P	P	13 08 23.3 -0.1	
TOLK TOLK	Toolik Lake Re	81.35 339	P	P	P	13 08 23.7 +0.2	
TOLK TAM	Toolik Lake Re	81.35 339	P	P	P	13 08 23.0 -0.4	
TAM TAM	Tamanrasset	81.54 67	P	pmax	pmax	13 08 26.6 +1.0	
TAM TAM	Tamanrasset	81.54 67	P	P	P	13 08 26.6 +1.0	
TAM TAM	Tamanrasset	81.54 67	P	P	P	13 08 27.9 -0.1	
TAM TAM	Tamanrasset	81.54 67	P	P	P	13 08 32.0 -0.9	
TAM TAM	Tamanrasset	81.54 67	P	P	P	13 08 38.4	
IMAR SVW2	Indian Mountain	82.34 336	P	P	P	13 08 28.4 -0.3	
SVW2 SVW2	Sparrevogel	82.36 331	P	I Amb	I Amb	13 08 27.9 -0.9	13 08 29.8
TTA TTA	Tatalina	82.82 333	P	pmax	pmax	13 08 30.9 -0.3	
TTA TTA	Tatalina	82.82 333	P	P	P	13 08 30.9 -0.3	
TTA MEM	Tatalina	82.82 333	P	P	P	13 08 30.9 -0.3	
MEM WLF	Membach	83.09 40	dP	P	P	13 08 34.2 +1.4	
WLF WLF	Walferdange	83.12 40	dP	P	P	13 08 33.3 +0.3	
WLF ECLA	Walferdange	83.12 40	dP	P	P	13 08 34.2 +1.4	
ECLA ECH	Belgrano 2	83.63 172	P	P	P	13 08 36.0 +0.9	
ECH ECH	Echery	83.70 42	P	pmax	pmax	13 08 35.8 -0.3	
ECH ECH	Echery	83.70 42	P	P	P	13 08 35.8 -0.3	
ECH A2IK	Echery	83.70 42	P	P	P	13 08 35.8 -0.3	
A2IK A2IK	Barrow	84.26 341	P	I Amb	I Amb	13 08 38.6 +0.2	13 08 40.3
A2IK A2IK	Barrow	84.26 341	P	I Amb	I Amb	13 08 38.6 +0.2	13 08 40.3
KEST KESra	Kesra	84.99 55	P	P	P	13 08 42.3 -0.6	
TUE TUE	Stuetta	85.12 44	P	P	P	13 08 44.1 +0.6	
DAVOX DAVOX	Davos/Dischmat	85.50 43	P	P	P	13 08 45.1 -0.1	
DAVA DAVA	Dava	85.50 43	P	P	P	13 08 46.7 +1.5	
GTGG GTGG	Göttingen	85.63 39	eP	P	P	13 08 47.2 +1.6	
UBR UBR	Ueberruh	85.65 43	P	P	P	13 08 47.6 +1.6	
NRDL NRDL	Niedersach Re	85.74 38	P	P	P	13 08 47.3 +1.4	
BSEG BSEG	Bad Segeberg	85.89 36	eP	P	P	13 08 47.8 +1.0	
ASSE ASSE	Asse, Remlinge	86.08 38	eP	P	P	13 08 48.9 +1.2	
FETA FETA	Feichten	86.08 43	iP	P	P	13 08 49.4 +1.3	
FETA FETA	Feichten	86.08 43	iP	P	P	13 08 49.2 +1.0	
RDOG RDOG	Red Dog Mine	86.14 338	P	P	P	13 08 48.1 +0.3	
RDOG RDOG	Red Dog Mine	86.14 338	P	P	P	13 08 47.9 +0.1	
MOTA MOTA	Moomsal	86.34 43	iP	P	P	13 08 50.4 +1.0	
SOTA SOTA	Sankt Quirin	86.41 43	eP	P	P	13 08 50.8 +1.1	
GRF GRF	Grafenberg Arr	86.41 41	eP	P	P	13 08 51.1 +1.6	
FLTG FLTG	Flechtingen	86.43 38	eP	P	P	13 08 50.5 +1.1	
NB2 NB2	NORSAR Subara	86.48 29	P	P	P	13 08 50.2 +0.6	
NOA NOA	NORSAR Array B	86.48 29	P	P	P	13 08 50.5 +0.9	
WATA WATA	Walderalm	86.66 43	iP	P	P	13 08 51.5 +0.6	
WTAA WTAA	Wattenberg	86.70 43	iP	P	P	13 08 52.1 +0.9	
CTI CTI	Castel Tesino	86.72 44	P	pmax	pmax	13 08 51.9 +0.7	
CTI CTI	Castel Tesino	86.72 44	P	P	P	13 08 51.9 +0.7	
CTI MANZ	Castel Tesino	86.72 44	P	P	P	13 08 51.9 +0.7	
MANZ MANZ	Manzenberg	86.99 40	eP	P	P	13 08 53.7 +1.4	
ROTZ ROTZ	Rotzenmühle	87.12 40	eP	P	P	13 08 54.0 +1.4	
ANM ANM	Nome	87.08 334	P	P	P	13 08 53.2 +0.8	
ANM ANM	Nome	87.08 334	P	P	P	13 08 53.2 +0.8	
ANM ANM	Nome	87.08 334	P	pmax	pmax	13 08 53.2 +0.8	
ANM ANM	Nome	87.08 334	P	P	P	13 08 53.1 +0.8	
ANM ANM	Nome	87.08 334	P	P	P	13 08 54.3 +1.4	
GUNZ GUNZ	Günzenberg	87.12 40	eP	P	P	13 08 54.2 +1.3	
WERN WERN	Wernitzgrun	87.16 40	eP	P	P	13 08 54.6 +1.5	
NKC NKC	Novy Kostel	87.20 40	eP	P	P	13 08 54.2 +0.9	
NKC NKC	Novy Kostel	87.20 40	eP	P	P	13 08 54.2 +0.9	
TANN TANN	Tannenbergha	87.21 40	eP	P	P	13 08 55.0 +1.6	
TANN TANN	Tannenbergha	87.21 40	eP	P	P	13 08 55.0 +1.6	
TANN ABTA	Tannenbergha	87.21 40	eP	P	P	13 08 54.6 +4.6	13 08 55.0 +

22d 13h

Table with columns: SHLS, Shalkode, 129.41, 23, ePKP, PKPpdf, 13 15 15.4 +0.2, etc. Includes stations like SHLS Shalkode, SONMI Songino Array, KBL Kabul, etc.

REN 22 13:01:27.6:1.1, 41.91N,0.04:119.56W:0.06, h4km, 7km, ML3.4/6, ML3.2/39(SEA), ML3.1/68(NEIC) Error ellipse: s-maj=6.5km s-min=5.9km az=106.0

ANF 22 13:01:28.4:0.4, 41.89N,119.59W, h5km, ML3.1/16, Error ellipse: s-maj=4.3km s-min=3.7km az=26.0

NEIC 22 13:01:28.6:1.2, 41.93N,0.04:119.55W:0.05, h15km, 7km, Error ellipse: s-maj=5.4km s-min=5.0km az=143.0

SEA 22 13:01:28.2:2.3, 41.84N,0.04:119.53W:0.06, h0km, 7km, Error ellipse: s-maj=6.4km s-min=5.4km az=98.0

ISC 22 13:01:27.9:0.8, 41.94N,0.03:119.54W:0.02, h10km, n71, +f103/82, Nevada

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like MOD Modoc Plateau, WVOR Wild Horse Val, etc.

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Main table with columns: M04C, Macdoel, 1.73 266, P, Sg, 13 01 57.9 -0.2, etc. Includes stations like M04C Macdoel, L04C Butte Creek Ri, K04D Chiloquin, OR, etc.

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Table with columns: s-min=12.0km az=146.0, IDC 22 13:02:16.5:0.6, 18.21S: 178.31W, h595km, 6km, mb4.6/34, etc. Includes stations like MSVF Nonsavu, MSVF Nonsavu, etc.

BUI 22 13:02:13.8:0.0, 17.75S:177.96W, h578km, mb5.1/38, mb5.3/71
MOS 22 13:02:13.7:0.8, 17.97S:178.30W, h572km, mb5.2/56, MS6.4/4, Error ellipse: s-maj=7.7km s-min=7.0km az=67.4
NOU 22 13:02:15.5, 18.01S:178.22W, h582km, mb2.5, Fiji Islands Region
NEIC 22 13:02:18.3:1.5, 18.00S:0.09:178.32W:0.09, h594km, 5km, mb5.1/338, Error ellipse: s-maj=13.0km

22D 13h

Table with columns: RSD, Station Name, Frequency, Power, and other technical details. Includes stations like RSD Black Hills, WHX Lake Whitney, INK Inuvik, etc.

2015 FEB

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TDK Taldyqorghan, D56A ZEC Mazanza, MDOK Medeo, etc.

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

LLD	Lille Linde	141.94 350	i P	PKPdf	13 20 37.3	-3.8	LLD	Lille Linde	141.94 350	i PKHKP	13 20 37.3	-3.8	
LLD	Lille Linde	141.94 350	i P	PKPdf	13 20 37.4	-3.8	LLD	Lille Linde	141.94 350	i P	PKPdf	13 20 37.4	-3.8
LLD	Lille Linde	141.94 350	i P	PKPdf	13 20 37.4	-3.8	LLD	Lille Linde	141.94 350	i P	PKPdf	13 20 37.4	-3.8
PGBU	Glenfibrbraes	142.01 6	e P	PKPdf	13 20 36.8	-4.5	PGBU	Glenfibrbraes	142.01 6	e P	PKPdf	13 20 36.8	-4.5
RSDY	Resadye-TOKAT	142.16 314	P	PKPdf	13 20 39.8	-2.3	RSDY	Resadye-TOKAT	142.16 314	P	PKPdf	13 20 39.8	-2.3
MALT	Malatya	142.20 314	P	PKPdf	13 20 39.2	-2.2	MALT	Malatya	142.20 314	P	PKPdf	13 20 39.2	-2.2
EKA	Eskdalemir Arr	142.60 5	e PKHKP	PKPPr	13 20 39.2	-2.2	EKA	Eskdalemir Arr	142.60 5	e PKHKP	PKPPr	13 20 39.2	-2.2
NEWG	New Galloway	142.72 6	e P	PKPdf	13 20 39.7	-2.8	NEWG	New Galloway	142.72 6	e P	PKPdf	13 20 39.7	-2.8
KVT	Kavak	142.73 315	P	PKPdf	13 20 41.9	-1.2	KVT	Kavak	142.73 315	P	PKPdf	13 20 41.9	-1.2
TOKT	Tokat	142.74 314	P	PKPdf	13 20 41.2	-1.0	TOKT	Tokat	142.74 314	P	PKPdf	13 20 41.2	-1.0
TOKA	Tokat	142.78 314	P	PKPdf	13 20 41.3	-1.9	TOKA	Tokat	142.78 314	P	PKPdf	13 20 41.3	-1.9
DARE	Darende-Malaty	142.81 311	P	PKPdf	13 20 42.0	-1.4	DARE	Darende-Malaty	142.81 311	P	PKPdf	13 20 42.0	-1.4
SNOP	Sinop	142.83 317	P	PKPdf	13 20 41.8	-1.4	SNOP	Sinop	142.83 317	P	PKPdf	13 20 41.8	-1.4
GKP	Gorka Kiasztor	142.84 345	ePKP	PKPdf	13 20 41.0	-1.8	GKP	Gorka Kiasztor	142.84 345	ePKP	PKPdf	13 20 41.0	-1.8
GKP	Gorka Kiasztor	142.84 345	ePKP	PKPdf	13 20 40.5	-2.3	GKP	Gorka Kiasztor	142.84 345	ePKP	PKPdf	13 20 40.5	-2.3
GALL	Galloway	142.93 352	ePKP	PKPdf	13 20 41.9	-1.0	GALL	Galloway	142.93 352	ePKP	PKPdf	13 20 41.9	-1.0
SKMB	Sankelmark Bun	142.93 352	ePKP	PKPbc	13 20 41.9	-1.0	SKMB	Sankelmark Bun	142.93 352	ePKP	PKPbc	13 20 41.9	-1.0
DIKM	Dikmen	142.98 317	i P	PKPdf	13 20 42.4	-1.0	DIKM	Dikmen	142.98 317	i P	PKPdf	13 20 42.4	-1.0
DIKM	Dikmen	142.98 317	i P	PKPdf	13 20 42.1	-1.3	DIKM	Dikmen	142.98 317	i P	PKPdf	13 20 42.1	-1.3
SORM	Soroca	142.99 300	i P	PKPdf	13 20 41.2	-2.0	SORM	Soroca	142.99 300	i P	PKPdf	13 20 41.2	-2.0
SORM	Soroca	142.99 300	i PKIKP	PKPdf	13 20 41.2	-2.0	SORM	Soroca	142.99 300	i PKIKP	PKPdf	13 20 41.2	-2.0
BEL	Belsk	143.09 340	ePKP	PKPbc	13 20 42.2	+0.6	BEL	Belsk	143.09 340	ePKP	PKPbc	13 20 42.2	+0.6
EDMD	Edmundbyers	143.18 4	e P	PKPab	13 20 40.3	-1.1	EDMD	Edmundbyers	143.18 4	e P	PKPab	13 20 40.3	-1.1
KESW	Keswick, Cumber	143.35 5	e P	PKPab	13 20 42.1	+0.1	KESW	Keswick, Cumber	143.35 5	e P	PKPab	13 20 42.1	+0.1
GAZ	Gaziantep	143.54 309	ePKP	PKPdf	13 20 44.3	+0.4	GAZ	Gaziantep	143.54 309	ePKP	PKPdf	13 20 44.3	+0.4
GAZ	Gaziantep	143.54 309	ePKP	PKPdf	13 20 43.9	+0.4	GAZ	Gaziantep	143.54 309	ePKP	PKPdf	13 20 43.9	+0.4
IOMK	Kirk Michael	143.54 6	e P	PKPab	13 20 41.8	-1.0	IOMK	Kirk Michael	143.54 6	e P	PKPab	13 20 41.8	-1.0
KIS	Kishinev	143.55 328	i PKP	PKPab	13 20 43.0	-0.1	KIS	Kishinev	143.55 328	i PKP	PKPab	13 20 43.0	-0.1
KIS	Kishinev	143.55 328	i PKIKP	PKPab	13 20 43.0	-0.1	KIS	Kishinev	143.55 328	i PKIKP	PKPab	13 20 43.0	-0.1
KIS	Kishinev	143.55 328	i PKP	PKPab	13 20 43.0	-0.1	KIS	Kishinev	143.55 328	i PKP	PKPab	13 20 43.0	-0.1
ILTH	Belurgran, Co L	143.56 8	ePKP	PKPab	13 20 41.8	-1.0	ILTH	Belurgran, Co L	143.56 8	ePKP	PKPab	13 20 41.8	-1.0
BSEG	Bad Segeberg	143.58 351	ePKPbc	PKPbc	13 20 41.3	+0.3	BSEG	Bad Segeberg	143.58 351	ePKPbc	PKPbc	13 20 41.3	+0.3
MLV	L'vov	143.60 356	ePKIKP	PKPbc	13 20 43.3	+0.1	MLV	L'vov	143.60 356	ePKIKP	PKPbc	13 20 43.3	+0.1
LMM	Milestii Mici	143.61 328	i P	PKPbc	13 20 43.5	+0.2	LMM	Milestii Mici	143.61 328	i P	PKPbc	13 20 43.5	+0.2
HLG	Heligoland	143.63 354	ePKPbc	PKPdf	13 20 44.0	-0.1	HLG	Heligoland	143.63 354	ePKPbc	PKPdf	13 20 44.0	-0.1
SARI	Sarditz-Kaysery	143.64 311	P	PKPbc	13 20 43.9	-0.1	SARI	Sarditz-Kaysery	143.64 311	P	PKPbc	13 20 43.9	-0.1
KMRS	Kahramanmaraş	143.64 309	P	PKPab	13 20 44.3	+0.5	KMRS	Kahramanmaraş	143.64 309	P	PKPab	13 20 44.3	+0.5
GDLE	Glaidsdale, N Y	143.65 3	e P	PKPab	13 20 43.2	0.0	GDLE	Glaidsdale, N Y	143.65 3	e P	PKPab	13 20 43.2	0.0
BNN	Bunyan	143.86 312	P	PKPbc	13 20 44.3	+0.3	BNN	Bunyan	143.86 312	P	PKPbc	13 20 44.3	+0.3
IAS	Iasi	144.03 330	i P	PKPab	13 20 44.9	0.0	IAS	Iasi	144.03 330	i P	PKPab	13 20 44.9	0.0
IAS	Iasi	144.03 330	i PKIKP	PKPab	13 20 44.9	0.0	IAS	Iasi	144.03 330	i PKIKP	PKPab	13 20 44.9	0.0
HPK	Harver Park	144.07 3	e P	PKPbc	13 20 44.5	0.0	HPK	Harver Park	144.07 3	e P	PKPbc	13 20 44.5	0.0
CORM	Cormoran	144.10 315	P	PKPab	13 20 45.5	-0.1	CORM	Cormoran	144.10 315	P	PKPab	13 20 45.5	-0.1
KWP	Kalwaria Pacia	144.26 337	ePKP	PKPab	13 20 45.9	+0.1	KWP	Kalwaria Pacia	144.26 337	ePKP	PKPab	13 20 45.9	+0.1
KWP	Kalwaria Pacia	144.26 337	ePKP	PKPab	13 20 45.4	+0.4	KWP	Kalwaria Pacia	144.26 337	ePKP	PKPab	13 20 45.4	+0.4
KWP	Kalwaria Pacia	144.26 337	ePKP	PKPab	13 20 45.4	+0.4	KWP	Kalwaria Pacia	144.26 337	ePKP	PKPab	13 20 45.4	+0.4
IGAZ	İgazi	144.28 317	ePKP	PKPab	13 20 46.3	+0.3	IGAZ	İgazi	144.28 317	ePKP	PKPab	13 20 46.3	+0.3
VASR	Vaslui	144.31 329	i P	PKPab	13 20 46.3	+0.3	VASR	Vaslui	144.31 329	i P	PKPab	13 20 46.3	+0.3
DSB	Dublin	144.32 8	e P	PKPbc	13 20 45.3	-0.1	DSB	Dublin	144.32 8	e P	PKPbc	13 20 45.3	-0.1
RUE	Ruedersdorf	144.37 347	ePKPbc	PKPab	13 20 46.0	0.0	RUE	Ruedersdorf	144.37 347	ePKPbc	PKPab	13 20 46.0	0.0
KOZT	Kozan	144.44 310	P	PKPab	13 20 46.6	-0.2	KOZT	Kozan	144.44 310	P	PKPab	13 20 46.6	-0.2
KURC	Kurucasile-Bar	144.49 319	P	PKPdf	13 20 45.0	-1.0	KURC	Kurucasile-Bar	144.49 319	P	PKPdf	13 20 45.0	-1.0
PRAR	RASCA	144.54 331	i P	PKPab	13 20 46.6	-0.3	PRAR	RASCA	144.54 331	i P	PKPab	13 20 46.6	-0.3
CANT	Cantirki	144.57 316	P	PKPab	13 20 47.5	+0.2	CANT	Cantirki	144.57 316	P	PKPab	13 20 47.5	+0.2
LBWR	Ladybowler, Pea	144.62 4	e P	PKPdf	13 20 46.0	+0.1	LBWR	Ladybowler, Pea	144.62 4	e P	PKPdf	13 20 46.0	+0.1
LMK	Markt Rasen	144.62 4	e P	PKPdf	13 20 45.9	+0.3	LMK	Markt Rasen	144.62 4	e P	PKPdf	13 20 45.9	+0.3
BRK	Birland	144.62 328	i P	PKPab	13 20 47.8	+0.5	BRK	Birland	144.62 328	i P	PKPab	13 20 47.8	+0.5
BIR	Birland	144.65 328	i PKIKP	PKPab	13 20 47.8	+0.5	BIR	Birland	144.65 328	i PKIKP	PKPab	13 20 47.8	+0.5
CEYT	Ceyhan	144.68 309	P	PKPab	13 20 47.4	-0.3	CEYT	Ceyhan	144.68 309	P	PKPab	13 20 47.4	-0.3
TLCR	Turkey	144.78 326	i P	PKPab	13 20 47.6	-0.2	TLCR	Turkey	144.78 326	i P	PKPab	13 20 47.6	-0.2
TLGR	Turkey	144.78 326	i PKIKP	PKPab	13 20 47.6	-0.2	TLGR	Turkey	144.78 326	i PKIKP	PKPab	13 20 47.6	-0.2
VARL	Varlezja	144.79 328	i P	PKPab	13 20 48.2	+0.1	VARL	Varlezja	144.79 328	i P	PKPab	13 20 48.2	+0.1
BUR08	Bucovina Ar. S	144.80 332	ePKP	PKPab	13 20 47.2	+0.1	BUR08	Bucovina Ar. S	144.80 332	ePKP	PKPab	13 20 47.2	+0.1
OJC	Ojcow	144.80 340	ePKP	PKPdf	13 20 46.5	+0.2	OJC	Ojcow	144.80 340	ePKP	PKPdf	13 20 46.5	+0.2
OJC	Ojcow	144.80 340	ePKP	PKPdf	13 20 46.5	+0.2	OJC	Ojcow	144.80 340	ePKP	PKPdf	13 20 46.5	+0.2
OJC	Ojcow	144.80 340	ePKP	PKPdf	13 20 46.5	+0.2	OJC	Ojcow	144.80 340	ePKP	PKPdf	13 20 46.5	+0.2
BURAR	Bucovina Array	144.81 332	i P	PKPab	13 20 48.2	+0.2	BURAR	Bucovina Array	144.81 332	i P	PKPab	13 20 48.2	+0.2
BURAR	Bucovina Array	144.81 332	i PKIKP	PKPab	13 20 48.2	+0.2	BURAR	Bucovina Array	144.81 332	i PKIKP	PKPab	13 20 48.2	+0.2
BURAR	Bucovina Array	144.81 332	i PKP	PKPab	13 20 46.6	+0.1	BURAR	Bucovina Array	144.81 332	i PKP	PKPab	13 20 46.6	+0.1
GHRH	Gherla	144.91 328	i P	PKPab	13 20 49.1	+0.8	GHRH	Gherla	144.91 328	i P	PKPab	13 20 49.1	+0.8
BIZ	Bicaz	144.91 328	i P	PKPbc	13 20 47.6	+0.2	BIZ	Bicaz	144.91 328	i P	PKPbc	13 20 47.6	+0.2
TESR	Tescani	144.96 330	i P	PKPbc	13 20 47.5	0.0	TESR	Tescani	144.96 330	i P	PKPbc	13 20 47.5	0.0
BR131	Breskvin Array S	144.99 315	ePKP	PKPdf	13 20 46.9	-0.3	BR131	Breskvin Array S	144.99 315	ePKP	PKPdf	13 20 46.9	-0.3
GR11	Greskvin Array S	144.99 315	ePKP	PKPdf	13 20 46.9	-0.3	GR11	Greskvin Array S	144.99 315	ePKP	PKPdf	13 20 46.9	-0.3
BRTR	Breskvin Array B	144.99 315	ePKPbc	PKPbc	13 20 48.2	+0.2	BRTR	Breskvin Array B	144.99 315	ePKPbc	PKPbc	13 20 48.2	+0.2
FLTG	Flechtingen	144.99 350	ePKPbc	PKPbc	13 20 47.7	+0.3	FLTG	Flechtingen	144.99 350	ePKPbc	PKPbc	13 20 47.7	+0.3
KOLS	Kolonice sedl	145.00 336	ePKIKP	PKPbc	13 20 47.6	0.0	KOLS	Kolonice sedl	145.00 336	ePKIKP	PKPbc	13 20 47.6	0.0
KOLS	Kolonice sedl	145.00 336	ePKP	PKPbc	13 20 47.6	0.0	KOLS	Kolonice sedl	145.00 336	ePKP	PKPbc	13 20 47.6	0.0
SBD1	Bryn Du	145.00 3	e P	PKIKP	13 20 53.2	+2.5	SBD1	Bryn Du	145.00 3	e P	PKIKP	13 20 53.2	+2.5
NDRD	Niedersach Ries	145.01 351	ePKPbc	PKPbc	13 20 47.9	-0.4	NDRD	Niedersach Ries	145.01 351	ePKPbc	PKPbc	13 20 47.9	-0.4
JURR	Juridovsch	145.02 325	i P	PKPab	13 20 47.0	-0.3	JURR	Juridovsch	145.02 325	i P	PKPab	13 20 47.0	-0.3
LLW	Llanuwchllyn	145.02 6	e P	PKPdf	13 20 47.0	-0.3	LLW	Llanuwchllyn	145.02 6	e P	PKPdf	13 20 47.0	-0.3
SCHL	Schweya	145.08 327	i P	PKPab	13 20 49.7	+0.8	SCHL	Schweya	145.08 327	i P	PKPab	13 20 49.7	+0.8
KARA	Karaisk	145.09 310	P	PKPbc	13 20 47.9	-0.3	KARA	Karaisk	145.09 310	P	PKPbc	13 20 47.9	-0.3
IWEX	İskayirbyrne	145.11 9	e P	PKPbc	13 20 47.6	-0.2	IWEX	İskayirbyrne	145.11 9	e P	PKPbc	13 20 47.6	-0.2
CFR	Carcaliu	145.14 327	i P	PKPab	13 20 48.8	-0.4	CFR	Carcaliu	145.14 327	i P	PKPab	13 20 48.8	-0.4
CFR	Carcaliu	145.14 327	i PKP2	PKPab	13 20 48.8	-0.4	CFR	Carcaliu</					

K31A	comp=Z,307nm,1.1s	IAMB	IAMB	14 28 48.1			
K31A	comp=Z,81µm,21.0s	IAMS_20	IAMS_20	14 38 03.3			
L34A	Svensden Farm,	25.01	19	P	P	14 28 35.4	-2.4
L34A	comp=Z,198nm,1.1s	IAMB	IAMB	14 28 46.1			
SNOW	Snow King Moun	25.03	353	P	P	14 28 37.5	-0.8
N38A	Joes South For	25.09	25	P	P	14 28 37.2	-1.3
N38A	comp=Z,36µm,18.0s	IAMS_20	IAMS_20	14 39 18.2			
061Z	Ochoppi	25.15	69	P	P	14 28 39.2	+0.1
003E	Paynes Creek	25.16	333	P	P	14 28 38.9	-0.3
003E	baz=145	S	S	14 33 05.2	+0.9		
LOHW	Long Hollow	25.17	354	P	P	14 28 38.7	-0.7
LOHW	comp=Z,361nm,1.3s	IAMB	IAMB	14 28 46.9			
LOHW	comp=Z,49µm,20.0s	IAMS_20	IAMS_20	14 37 59.4			
PAYG	Puerto Ayora	25.17	138	P	P	14 28 39.9	+0.4
PAYG	comp=Z,501nm,1.5s	IAMB	IAMB	14 28 46.6			
PAYG	Puerto Ayora	25.17	138	IAMS_20	IAMS_20	14 35 42.1	
CLTN	Cedars of Leba	25.21	42	P	P	14 28 38.7	-1.0
CLTN	comp=Z,50µm,21.0s	IAMS_20	IAMS_20	14 39 41.4			
DWPF	Disney Wildern	25.23	63	P	P	14 28 39.7	-0.2
DWPF	baz=253	S	S	14 33 05.9	+0.4		
DWPF	Disney Wildern	25.23	63	P	P	14 28 39.5	-0.4
X51A	Calhoun	25.30	47	P	P	14 28 39.5	-1.0
T47A	Sharon Grove	25.31	39	P	P	14 28 39.3	-1.2
T47A	comp=Z,49µm,20.0s	IAMS_20	IAMS_20	14 39 26.9			
W50A	Signal Mountai	25.35	45	P	P	14 28 39.7	-1.2
LCCY	Blossom Villag	25.40	83	P	P	14 28 40.4	-1.1
Y52A	Liburn	25.48	49	P	P	14 28 40.4	-1.7
Y52A	comp=Z,212nm,1.1s	IAMB	IAMB	14 28 48.7			
Y52A	comp=Z,43µm,19.0s	IAMS_20	IAMS_20	14 39 38.7			
KCPM	Cahto Peak	25.50	329	P	P	14 28 42.1	-0.2
KCPM	comp=Z,253nm,1.3s	IAMB	IAMB	14 29 08.8			
KCPM	comp=Z,50µm,19.0s	IAMS_20	IAMS_20	14 37 40.0			
002D	Mt. Diablo Mer	25.51	331	P	P	14 28 42.1	-0.3
002D	baz=143,SNR=9.0	S	S	14 33 15.6	+5.8		
002D	baz=143	S	S	14 33 15.6	+5.8		
Q44A	Meyer Farm, Va	25.56	34	P	P	14 28 41.8	-0.9
154A	Montrose	25.57	52	P	P	14 28 42.4	-0.6
RSSD	Black Hills	25.60	5	P	P	14 28 44.0	+0.6
RSSD	baz=186	S	S	14 33 11.5	0.0		
RSSD	Black Hills	25.60	5	P	P	14 28 42.0	-1.4
RSSD	comp=Z,101nm,1.3s	MLR	MLR	14 33 30.5	+2.5		
RSSD	comp=Z,100µm,20.0s	MLR	MLR	14 40 40.5			
RSSD	Black Hills	25.60	5	P	P	14 28 42.0	-1.4
RSSD	456A	25.62	57	P	P	14 28 43.0	0.4
USIN	University of	25.64	37	P	P	14 28 42.0	-1.4
FLWY	Flagg Ranch	25.64	354	P	P	14 28 43.2	-0.5
FLWY	comp=Z,322nm,1.5s	IAMB	IAMB	14 28 53.4			
GOGA	Godfrey	25.69	50	P	P	14 28 43.2	-0.8
GOGA	baz=241,SNR=9.7	S	S	14 33 17.4	+4.7		
GOGA	Godfrey	25.69	50	P	P	14 28 42.5	-1.5
GOGA	comp=Z,380nm,1.1s	MLR	MLR	14 40 40.5			
GOGA	comp=Z,38µm,21.0s	MLR	MLR	14 40 40.5			
GOGA	Godfrey	25.69	50	P	P	14 28 42.5	-1.5
GOGA	The Bluff, Cay	25.70	83	P	P	14 28 44.2	0.0
HLID	Hailey	25.71	347	P	P	14 28 44.4	+0.1
HLID	baz=163,SNR=61	S	S	14 33 14.7	+1.5		
HLID	Hailey	25.71	347	P	P	14 28 43.8	-0.6
HLID	comp=Z,47µm,22.0s	IAMS_20	IAMS_20	14 37 53.2			
WDC	Whiskeytown Da	25.72	332	P	P	14 28 42.1	-2.1
WDC	comp=Z,92nm,1.2s	MLR	MLR	14 33 05.2	+0.9		
WDC	comp=Z,52µm,19.0s	MLR	MLR	14 33 05.2	+0.9		
WDC	Whiskeytown Da	25.72	332	P	P	14 28 42.1	-2.1
WDC	comp=Z,52µm,19.0s	IAMS_20	IAMS_20	14 38 01.6			
255A	Hazelhurst	25.75	54	P	P	14 28 44.0	-0.6
WVOR	Wild Horse Val	25.79	340	P	P	14 28 43.8	-1.2
WVOR	comp=Z,227nm,1.3s	MLR	MLR	14 33 05.2	+0.9		
WVOR	Wild Horse Val	25.79	340	P	P	14 28 43.8	-1.2
WVOR	comp=Z,54µm,18.0s	IAMB	IAMB	14 28 50.7			
WVOR	comp=Z,227nm,1.2s	IAMS_20	IAMS_20	14 39 20.8			
U49A	Red Boiling Sp	25.82	42	P	P	14 28 44.2	-1.0
U49A	comp=Z,54µm,18.0s	IAMS_20	IAMS_20	14 40 12.6			
P43A	Skaggs, Pawnee	25.85	32	P	P	14 28 43.8	-1.6
MFID	Camas Ranch	25.89	345	P	P	14 28 44.9	-1.0
MFID	comp=Z,186nm,1.5s	IAMB	IAMB	14 29 13.2			
MFID	comp=Z,56µm,20.0s	IAMS_20	IAMS_20	14 38 16.1			
MOD	Modoc Plateau	25.91	337	P	P	14 28 45.1	-1.0
MOD	comp=Z,266nm,1.3s	IAMB	IAMB	14 28 52.9			
OLIL	Olney	25.93	35	P	P	14 28 44.3	-1.8
OLIL	comp=Z,266nm,1.3s	IAMB	IAMB	14 29 06.0			
H17A	Grant Village	25.94	354	P	P	14 28 47.1	+0.7
H17A	baz=172,SNR=32	S	S	14 33 21.3	+4.4		
H17A	Grant Village	25.94	354	P	P	14 28 45.2	-1.3
H17A	comp=Z,81µm,20.0s	IAMS_20	IAMS_20	14 38 12.8			
KMRM	Mali Ridge	25.98	330	P	P	14 28 46.4	-0.3
KMRM	comp=Z,349nm,1.2s	IAMB	IAMB	14 28 53.7			
CPCT	Cooper Cave	26.02	45	P	P	14 28 45.5	-1.5
CPCT	comp=Z,291nm,1.4s	IAMB	IAMB	14 29 09.4			
N41A	Harden Midland	26.04	29	P	P	14 28 45.6	-1.5
N41A	comp=Z,46µm,20.0s	IAMS_20	IAMS_20	14 38 35.2			
SCIA	State Center	26.05	24	S	S	14 33 17.8	-0.4
SCIA	baz=211	S	S	14 33 17.8	-0.4		
SCIA	State Center	26.05	24	P	P	14 28 46.4	-0.8
SCIA	comp=Z,235nm,1.2s	IAMB	IAMB	14 28 58.6			
LKWY	Lake	26.09	354	P	P	14 28 47.1	-0.7
LKWY	comp=Z,92nm,1.2s	MLR	MLR	14 33 05.2	+0.9		
LKWY	comp=Z,53µm,20.0s	MLR	MLR	14 33 05.2	+0.9		
LKWY	Lake	26.09	354	P	P	14 28 47.1	-0.7
LKWY	comp=Z,53µm,20.0s	IAMS_20	IAMS_20	14 39 27.8			
N02D	Trinity Center	26.11	332	P	P	14 28 46.3	-1.5
N02D	baz=144,SNR=22	S	S	14 33 24.4	+5.0		
N02D	baz=144	S	S	14 33 24.4	+5.0		
W52A	W52A	26.23	47	P	P	14 28 48.0	-1.0
W52A	comp=Z,247nm,1.2s	IAMB	IAMB	14 28 54.6			
BCYI	Bear Canyon	26.24	349	P	P	14 28 48.5	-0.7
V51A	Loudon	26.33	45	P	P	14 28 48.2	-1.6
V51A	comp=Z,411nm,1.5s	IAMB	IAMB	14 29 01.6			
V51A	comp=Z,37µm,19.0s	IAMS_20	IAMS_20	14 40 42.9			
M04C	Macdoel	26.41	334	P	P	14 28 50.0	-0.5

QLMT	Earthquake Lak	26.46	353	P	P	14 28 49.9	-1.2
KHMM	Horse Mountain	26.50	331	P	P	14 28 50.5	-1.0
KHMM	comp=Z,181nm,1.2s	IAMB	IAMB	14 29 03.0			
M02C	Callahan	26.52	332	P	P	14 28 49.8	-1.7
M02C	baz=144	S	S	14 33 26.0	+0.3		
RLMT	Red Lodge	26.56	356	P	P	14 28 52.3	+0.3
RLMT	baz=175	S	S	14 33 28.1	+1.6		
RLMT	Red Lodge	26.56	356	P	P	14 28 50.5	-1.5
RLMT	comp=Z,41µm,21.0s	IAMS_20	IAMS_20	14 38 56.0			
ECSD	EROS Data Cent	26.56	17	P	P	14 28 51.7	-0.1
ECSD	baz=202,SNR=24	S	S	14 33 26.5	+0.2		
ECSD	EROS Data Cent	26.56	17	P	P	14 28 50.8	-1.0
ECSD	comp=Z,54µm,18.0s	IAMS_20	IAMS_20	14 39 31.3			
J08A	Circle Bar	26.57	341	P	P	14 28 51.0	-1.1
J08A	comp=Z,197nm,1.4s	IAMB	IAMB	14 28 57.9			
J08A	comp=Z,58µm,19.0s	IAMS_20	IAMS_20	14 39 52.4			
JCC	Jacob Creek,	26.59	330	P	P	14 28 52.1	0.0
JCC	comp=Z,226nm,1.4s	IAMB	IAMB	14 29 03.1			
JCC	Wyandotte Cave	26.61	38	P	P	14 28 51.6	-0.7
JCC	comp=Z,226nm,1.4s	IAMS_20	IAMS_20	14 38 42.0			
WCI	Wyandotte Cave	26.61	38	P	P	14 28 50.8	-1.5
WCI	comp=Z,199nm,1.1s	IAMB	IAMB	14 28 50.8			
WCI	Wyandotte Cave	26.61	38	P	P	14 28 50.8	-1.5
WCI	comp=Z,199nm,1.1s	IAMB	IAMB	14 29 08.1			
TKL	Tuckaleechee C	26.64	46	P	P	14 28 51.5	-1.1
TKL	comp=Z,15mm,0.7s,ba	26.64	46	P	P	14 28 51.3	-1.3
TKL	TKL	26.64	46	P	P	14 28 51.3	-1.3
TKL	comp=Z,81nm,1.0s	MLR	MLR	14 33 36.1	+8.2		
TKL	comp=Z,37µm,21.0s	MLR	MLR	14 33 36.1	+8.2		
TKL	Tuckaleechee C	26.64	46	P	P	14 28 51.3	-1.3
TKL	McKenzie Canyo	26.65	351	P	P	14 28 52.7	-0.2
SUSD	Miller	26.66	13	P	P	14 28 53.3	+2.6
SUSD	baz=197	S	S	14 33 36.1	+8.2		
SUSD	Miller	26.66	13	P	P	14 28 51.7	-1.0
SUSD	comp=Z,64µm,20.0s	IAMS_20	IAMS_20	14 39 17.0			
HDIL	Hopedale	26.66	31	P	P	14 28 51.7	-1.1
HDIL	baz=220,SNR=19	S	S	14 33 30.5	+2.5		
HDIL	Hopedale	26.66	31	P	P	14 28 49.6	-3.2
YBH	Yreka Blue Hor	26.73	333	P	P	14 28 51.9	-1.5
YBH	comp=Z,39nm,1.1s,ba	26.73	333	P	P	14 28 51.7	-1.8
YBH	Yreka Blue Hor	26.73	333	P	P	14 28 51.7	-1.8
YBH	comp=Z,46µm,20.5s,ba	26.73	333	P	P	14 28 51.7	-1.8
YBH	Yreka Blue Hor	26.73	333	P	P	14 28 51.7	-1.8
YBH	comp=Z,47µm,20.0s	IAMS_20	IAMS_20	14 38 47.4			
T50A	Nancy	26.73	42	P	P	14 28 51.5	-1.9
T50A	comp=Z,348nm,1.5s	IAMB	IAMB	14 29 02.1			
T50A	comp=Z,59µm,19.0s	IAMS_20	IAMS_20	14 40 40.5			
O44A	Mansfield	26.77	33	P	P	14 28 51.4	-2.3
O44A	comp=Z,195nm,1.1s	IAMB	IAMB	14 29 02.9			
K05A	Summer Lake	26.84	337	P	P	14 28 53.8	-0.7
K05A	comp=Z,248nm,1.3s	IAMB	IAMB	14 29 12.0			
K38A	Parkersburg	26.85	24	P	P	14 28 52.6	-1.9
K38A	comp=Z,417nm,1.4s	IAMB	IAMB	14 28 59.4			
K38A	comp=Z,39µm,18.0s	IAMS_20	IAMS_20	14 38 15.7			
V52A	Sevierville	26.86	45	P	P	14 28 52	

225d 14h

Table with columns: Station ID, Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other parameters. Includes stations like V58A, I40A, N47A, MSO, K43A, Q51A, V56A, H04A, CMJ, W57A, O49A, H04D, SPMN, I02D, G05D, L46A, X58A, F07A, COR, V60A, U56A, P51A, R53A, Y59A, E09A, F36A, I42A, S54A, S54A, S54A, EGMT, EGMT, Q52A, W58A, V57A, E08A, N49A, HAWA, D32A, JTMJ, BLA, BLA, BLA, F05D, F05D.

2015 FEB

Table with columns: Station ID, Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other parameters. Includes stations like X59A, MDND, MDND, MDND, G03D, ACSO, ACSO, Y60A, E07A, R54A, DGMT, DGMT, DGMT, T56A, Q53A, Q53A, V58A, P52A, P52A, P52A, G40A, G40A, GTBY, D08A, D08A, U57A, L48A, L48A, X60A, X60A, CAPC, P53A, P53A, P53A, H43A, H43A, H43A, Q54A, Q54A, T57A, T57A, T57A, T57A, O52A, O52A, O52A, F04D, F04D, S56A, S56A, M50A, M50A, V59A, V59A, C09A, C09A, CNNC, CNNC, CNNC, CNNC, N51A, N51A, U58A, U58A, LON, LON, LON, LON, E04D, E04D, LTY, LTY, LTY, NEW, NEW, NEW, NEW, NEW, NEW.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other parameters. Includes stations like NEW, NEW, I45A, I45A, AAM, AAM, AAM, AAM, AAM, T58A, T58A, O53A, O53A, O53A, O53A, WALA, WALA, AGMN, AGMN, AGMN, AGMN, S57A, S57A, S57A, S57A, E03A, E03A, D05A, D05A, COWI, COWI, U59A, U59A, W61A, W61A, S0LC, S0LC, F42A, F42A, V60A, V60A, V60A, V60A, B08A, B08A, B08A, O54A, O54A, O54A, C06D, C06D, C06D, MCWV, MCWV, MCWV, N53A, N53A, N53A, Q56A, Q56A, Q56A, S58A, S58A, S58A, S58A, R57A, R57A, R57A, B35A, B35A, B35A, T59A, T59A, M52A, M52A, U60A, U60A, U60A, K50A, K50A, J5R, J5R, D03D, D03D, G45A, G45A, V61A, V61A, M0TC, M0TC, R58B, R58B, R58B, R58B, PIZC, PIZC, EYMN, EYMN, EYMN, EYMN, EYMN, EYMN.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NLWA, R58A, M53A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like I51A, SDMD, SMLC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KSPA, PAMC, H53A, etc.

22d 14h

L61A	baz=240 Hillsdale 1, H	36.84	43	P	P	14 30 20.8	-1.2
L61A	baz=240			S	S	14 30 08.5	+2.0
J59A	baz=240 Piesco	36.89	41	P	S	14 30 21.0	-1.6
J59A	baz=238,SNR=6.0			S	S	14 30 06.3	-1.0
J59A	baz=238			S	S	14 30 19.7	-2.8
J59A	comp=Z,37um,18.0s	36.89	41	P	IAMS_20	IAMS_20	14 46 22.5
H57A	Richville	36.90	39	P	P	14 30 21.1	-1.4
H57A	baz=236,SNR=26			S	S	14 30 06.4	-0.9
M62A	Hamden	36.91	44	P	P	14 30 21.3	-1.3
M62A	baz=242			S	S	14 30 10.4	+2.8
K61A	Williamstown	37.26	42	P	P	14 30 25.2	-0.5
K61A	baz=240			S	S	14 30 12.7	-0.2
NCB	Newcomb	37.33	40	P	P	14 30 23.9	-2.3
NCB	comp=Z,23um,18.0s			IAMS_20	IAMS_20		
L62A	Suffield	37.34	44	S	S	14 30 12.7	-1.4
L62A	baz=242			P	P	14 30 25.0	-1.3
L62A	comp=Z,125nm,0.8s			IAMB	IAMB	14 30 34.3	
L62A	comp=Z,240um,20.0s			IAMS_20	IAMS_20	14 47 01.2	
ACCN	Airondack Com	37.37	41	P	P	14 30 24.8	-1.8
BBB	Bella Bella	37.44	339	P	P	14 30 26.6	-0.4
BBB	comp=Z,39nm,1.0s,BAZ=163,slow=7.9,SNR=12			P	P	14 30 25.9	-1.1
BBB	Bella Bella	37.44	339	P	P	14 30 25.9	-1.1
BBB	comp=Z,39nm,1.0s,BAZ=163,slow=7.9,SNR=12			IAMS_20	IAMS_20	14 45 30.5	
J60A	Lant Hill Farm	37.45	42	P	P	14 30 27.3	0.0
J60A	baz=239,SNR=5.0			S	S	14 30 16.3	+0.5
I59A	Olmsteadville	37.45	41	P	P	14 30 25.6	-1.7
I59A	baz=238			S	S	14 30 17.0	+1.2
M63A	Gales Ferry	37.46	45	P	P	14 30 26.5	-0.8
M63A	baz=243			S	S	14 30 17.7	+1.7
M63A	Gales Ferry	37.46	45	P	P	14 30 25.1	-2.3
M63A	comp=Z,194nm,1.1s			IAMB	IAMB	14 30 43.8	
M63A	comp=Z,34um,18.0s			IAMS_20	IAMS_20	14 47 14.4	
LONY	Lake Ozonia	37.47	39	P	P	14 30 25.8	-1.6
LONY	baz=236			S	S	14 30 15.8	-0.2
LONY	Lake Ozonia	37.47	39	P	P	14 30 24.9	-2.5
LONY	comp=Z,29um,19.0s			IAMS_20	IAMS_20	14 46 38.8	
G57A	Newington	37.50	38	P	P	14 30 26.4	-1.2
G57A	baz=236,SNR=33			S	S	14 30 14.8	-1.6
L61B	Northampton	37.53	43	P	P	14 30 26.7	-1.2
L61B	baz=241			S	S	14 30 18.3	+1.2
H58A	Gabriels	37.60	39	P	P	14 30 27.1	-1.4
H58A	baz=237,SNR=5.3			S	S	14 30 18.2	+0.2
QUA2	Belchertown	37.66	44	P	P	14 30 27.4	-1.7
QUA2	comp=Z,40um,22.0s			IAMS_20	IAMS_20	14 47 10.7	
E55A	Montercy-Lytle	37.68	35	P	P	14 30 27.9	-1.3
E55A	baz=233,SNR=5.6			S	S	14 30 19.0	-0.2
I60A	Shoreham	37.84	41	P	P	14 30 29.9	-0.5
I60A	baz=239			S	S	14 30 23.5	+1.9
MLPR	Magueyes Islan	37.84	84	P	P	14 30 28.9	-1.9
MLPR	comp=Z,218nm,1.4s			IAMB	IAMB	14 30 38.9	
K62A	Royalston	37.92	43	P	P	14 30 30.6	-0.7
K62A	baz=241			S	S	14 30 26.8	+3.9
K62A	Royalston	37.92	43	P	P	14 30 29.3	-2.0
L63A	North Scituate	37.96	45	P	P	14 30 30.2	-1.4
L63A	baz=243			S	S	14 30 25.2	+1.6
L63A	North Scituate	37.96	45	IAMS_20	IAMS_20	14 47 29.6	
VLD0	Val d'Or	37.98	32	P	P	14 30 28.8	-2.9
ATAH	Atahualpa	38.01	130	LR	LR	14 42 50.9	
H59A	Cadyville	38.02	39	P	P	14 30 30.9	-1.1
H59A	baz=238,SNR=6.9			S	S	14 30 27.0	+2.7
BRVY	Bryant College	38.03	45	P	P	14 30 30.6	-1.6
J61A	Chester	38.05	42	P	P	14 30 32.6	+0.3
J61A	baz=240			S	S	14 30 27.3	+2.4
AOPR	Arcibio Observ	38.07	84	P	P	14 30 30.3	-2.5
AOPR	comp=Z,247nm,1.4s			IAMB	IAMB	14 30 47.5	
F57A	Harrington	38.07	37	P	P	14 30 31.5	-1.0
F57A	baz=235,SNR=5.4			S	S	14 30 25.5	+0.5
G58A	Ormstown	38.07	39	P	P	14 30 31.6	-0.9
G58A	baz=237,SNR=20			S	S	14 30 26.8	+1.8
M64A	Tiverton	38.09	45	P	P	14 30 32.1	-0.6
M64A	baz=244			S	S	14 30 27.6	+2.1
M64A	Tiverton	38.09	45	P	P	14 30 30.9	-1.7
M64A	comp=Z,29um,21.0s			IAMS_20	IAMS_20	14 48 09.0	
FRNY	Flat Rock	38.18	39	P	P	14 30 31.0	-2.3
OBIP	Obispado Ponce	38.24	84	P	P	14 30 31.9	-2.3
OBIP	comp=Z,160nm,1.1s			IAMB	IAMB	14 30 47.3	
OBIP	comp=Z,25um,20.0s			IAMS_20	IAMS_20	14 48 42.2	
EMPR	Esperanza - Ma	38.26	83	P	P	14 30 31.8	-2.6
EMPR	comp=Z,395nm,1.2s			IAMB	IAMB	14 30 50.6	
HRV	Adam Dzewonski	38.29	44	P	P	14 30 33.8	-0.6
HRV	baz=242			S	S	14 30 29.9	+1.4
HRV	Adam Dzewonski	38.29	44	P	P	14 30 32.2	-2.1
HRV	comp=Z,91nm,1.2s			pmax	pmax		
HRV	comp=Z,36um,19.0s			MLR	MLR		
HRV	Adam Dzewonski	38.29	44	P	P	14 30 32.2	-2.1
HRV	comp=Z,35um,19.0s			IAMS_20	IAMS_20	14 47 37.3	
E56A	St. Veronique	38.30	36	P	P	14 30 34.2	-0.2
E56A	baz=234,SNR=28			S	S	14 30 28.8	+0.2
ICMP	Isa Caja de M	38.34	84	P	P	14 30 34.4	-0.7
ICMP	comp=Z,342nm,1.1s			IAMB	IAMB	14 30 49.1	
D55A	Sainte-Anne-du	38.34	35	P	P	14 30 33.6	-1.1
D55A	baz=233,SNR=37			S	S	14 30 27.9	-1.3
TRQ	Mont Tremblant	38.38	37	P	P	14 30 33.3	-1.9
WES	Weston	38.39	44	IAMS_20	IAMS_20	14 47 31.9	
K63A	Dunstable	38.39	43	P	P	14 30 34.7	-0.6

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K63A	baz=242 Dunstable	38.39	43	S	S	14 30 32.1	+2.1
K63A	baz=242			S	S	14 30 34.6	-0.6
HHH	Waterbury	38.40	42	P	P	14 30 34.2	-1.1
VT1	Waterbury	38.42	40	IAMS_20	IAMS_20	14 47 01.5	
J62A	Henniker	38.46	43	P	P	14 30 35.9	+0.1
J62A	baz=241			S	S	14 30 31.4	+0.3
BCX	Boston College	38.47	44	IAMS_20	IAMS_20	14 48 09.9	
M65A	Busby, Falmout	38.48	46	P	P	14 30 35.6	-0.3
M65A	baz=244			S	S	14 30 32.1	+0.8
M65A	Busby, Falmout	38.48	46	IAMS_20	IAMS_20	14 48 38.2	
L64A	Middleborough	38.51	45	P	P	14 30 36.0	-0.1
L64A	baz=244			S	S	14 30 33.1	+1.3
L64A	Middleborough	38.51	45	P	P	14 30 35.0	-1.2
L64A	comp=Z,172nm,1.1s			IAMB	IAMB	14 30 42.2	
L64A	comp=Z,30um,20.0s			IAMS_20	IAMS_20	14 48 34.1	
G59A	Clarenceville	38.55	39	P	P	14 30 32.1	+1.7
G59A	baz=238			S	S	14 30 34.2	+1.8
H60A	Morristown	38.57	40	P	P	14 30 35.7	-1.0
H60A	baz=239			S	S	14 30 35.6	+2.8
F58A	St-L Laurent	38.61	38	P	P	14 30 37.9	+0.9
F58A	baz=236			S	S	14 30 34.0	+0.8
SJG	San Juan	38.67	84	P	P	14 30 36.2	-1.6
SJG	comp=Z,233nm,1.2s			pmax	pmax		
SJG	comp=Z,16um,19.0s			MLR	MLR		
SJG	San Juan	38.67	84	P	P	14 30 36.2	-1.6
SJG	comp=Z,233nm,1.2s			IAMB	IAMB	14 30 44.7	
SJG	San Juan	38.67	84	eP	P	14 30 35.9	-1.9
FFD	Franklin Falls	38.68	42	IAMS_20	IAMS_20	14 48 09.0	
G6PR	Guaynabo City	38.70	84	P	P	14 30 36.6	-1.5
D56A	ZEC Mazanza, M	38.75	36	P	P	14 30 36.4	-1.8
D56A	baz=234,SNR=8.7			S	S	14 30 34.6	-0.8
PDP	Patillas Dam,	38.80	84	P	P	14 30 37.2	-1.7
PDP	comp=Z,256nm,1.4s			IAMB	IAMB	14 30 48.1	
LSQQ	Lebel-sur-Quev	38.84	32	P	P	14 30 37.7	-1.1
LSQQ	baz=229			S	S	14 30 36.0	-0.6
LBNH	Lisbon	38.89	41	P	P	14 30 38.5	-0.9
LBNH	baz=240,SNR=5.2			S	S	14 30 38.3	+0.7
LBNH	Lisbon	38.89	41	P	P	14 30 38.2	-1.2
LBNH	comp=Z,156nm,1.3s			pmax	pmax		
LBNH	comp=Z,54um,21.0s			MLR	MLR		
LBNH	Lisbon	38.89	41	P	P	14 30 38.2	-1.2
CBYP	Canovas	38.92	84	P	P	14 30 38.6	-1.4
CBYP	comp=Z,178nm,1.3s			IAMB	IAMB	14 30 55.2	
HUMP	Col San Antonio	38.95	84	P	P	14 30 38.8	-1.4
HUMP	comp=Z,257nm,1.4s			IAMB	IAMB	14 30 54.4	
J63A	baz=242			S	S	14 30 39.5	-0.4
MATQ	Matagami	38.98	30	P	P	14 30 38.9	-1.2
MATQ	baz=227,SNR=8.0			S	S	14 30 37.9	-0.9
MATQ	Lyndonville	39.03	41	P	P	14 30 40.3	-0.3
H61A	Lyndonville	39.03	41	P	P	14 30 40.3	-0.3
H61A	baz=240,SNR=5.6			S	S	14 30 43.4	+3.7
G60A	Masonville	39.07	40	P	P	14 30 40.2	-0.7
G60A	baz=239,SNR=8.5			S	S	14 30 41.8	+1.5
I62A	Tamworth	39.08	42	P	P	14 30 40.9	-0.1
I62A	baz=241			S	S	14 30 43.8	+3.4
I62A	Tamworth	39.08	42	P	P	14 30 39.3	-1.7
I62A	comp=Z,204nm,1.4s			IAMB	IAMB	14 30 47.2	
E58A	La Victoria	39.20	37	P	P	14 30 40.6	-1.4
E58A	baz=236,SNR=8.7			S	S	14 30 42.9	+0.8
F59A	Saint Guillaume	39.20	38	P	P	14 30 40.8	-1.1
F59A	baz=237,SNR=5.3			S	S	14 30 43.6	+1.4
MTP	Monte Pirata	39.23	84	P	P	14 30 41.0	-1.6
MTP	comp=Z,449nm,1.3s			IAMB	IAMB	14 30 47.1	
MOQ	Mont Orford	39.23	39	P	P	14 30 40.8	-1.5
CUPR	Culebra, Puert	39.26	84	P	P	14 30 43.3	-1.2
CUPR	comp=Z,265nm,1.4s			IAMB	IAMB	14 31 00.1	
H62A	Milan	39.53	41	P	P	14 30 44.4	-0.4
H62A	baz=241			S	S	14 30 48.9	+1.7
H62A	Milan	39.53	41	P	P	14 30 42.1	-2.6
I63A	Otisfield	39.64	42	P	P	14 30 46.2	+0.6
I63A	baz=242			S	S	14 30 52.4	+3.6
I63A	Otisfield	39.64	42	IAMS_20	IAMS_20	14 47 44.0	
G61A	St-Isidore-de-	39.66	40	P	P	14 30 44.9	-0.9
G61A	baz=239,SNR=6.4			S	S	14 30 52.6	+3.5
E59A	St. Maurice	39.70	38	S	S	14 30 49.7	+0.1
F60A	Warwick	39.76	39	P	P	14 30 45.0	-1.6
F60A	baz=238,SNR=18			S	S	14 30 53.4	+2.9
D58A	Chemin du LacG	39.83	37	P	P	14 30 46.0	-1.1
D58A	baz=236,SNR=8.9			S	S	14 30 53.4	+1.8
DIB	Dawson Inlet,	39.86	336	P	P	14 30 46.8	-0.5
DIB							

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ILAM	let Lapin Mar	44.21	88	eP	P	14 31 21.0	-2.3
YKA	Yellowknife Ar	44.22	355	P	P	14 31 21.1	-1.6
YKA	comp-Z,20nm,1.0s,baz=166,slow=7.7,SNR=53						
YKA	comp-Z,3.9nm,0.8s,baz=156,slow=3.1,SNR=4.9						
YKA	comp-Z,35um,18.6s,baz=0.0,slow=36						
YKA	comp-Z,0.5nm,1.1s,baz=47,slow=1.8,SNR=3.5						
SLBI	Saint Lucia, B	44.27	89	eP	P	14 31 26.8	+3.0
MPO	Morne Pois Mar	44.29	88	eP	P	14 31 25.5	+1.6
MCLT	Moule a Chique	44.36	89	eP	P	14 31 14.2	-1.0
MCLT	Moule a Chique	44.36	89	eP	P	14 31 26.4	+1.8
JIS	Juneau Island	44.48	340	IAMS_20	IAMS_20	14 31 24.5	-0.4
JIS	comp-Z,22um,20.0s						
TRN	Trinidad (W)	44.67	94	eP	P	14 31 25.3	-1.7
BESE	Bessie Mountain	44.88	340	IAMB	IAMB	14 31 26.9	-1.3
BESE	comp-Z,107nm,1.1s						
RPN	Rapa Nui	45.47	183	P	P	14 31 34.4	+1.3
RPN	comp-Z,17um,21.0s						
RPN	Rapa Nui	45.47	183	P	P	14 31 34.4	+1.3
HATHI	Halema'uma'u T	45.58	279	IAMB	IAMB	14 31 34.6	+0.3
HATHI	comp-Z,140nm,1.1s						
BYL	Byron's Ledge	45.58	279	IAMB	IAMB	14 31 34.5	+0.1
BYL	comp-Z,129nm,1.1s						
SKAG	Skagway	45.72	340	P	P	14 31 34.9	+0.1
HMH	Humu'ula Sheep	45.76	280	IAMB	IAMB	14 31 36.2	+0.1
HMH	comp-Z,165nm,1.1s						
AIN	Ainahoo	45.77	279	P	P	14 31 36.5	+0.5
POHA	Pohakuloa	45.79	280	IAMS_20	IAMS_20	14 44 15.4	
POHA	comp-Z,21um,20.0s						
BGGH	Gun Hill	45.80	90	eP	P	14 31 39.5	+3.4
BBGH	Gun Hill	45.80	90	eP	P	14 31 39.5	+3.4
BBGH	comp-Z,16um,22.0s						
MLOA	Mauna Loa Obse	45.86	279	P	P	14 31 36.8	-0.2
IWH	Mokuaweowe	45.88	279	P	P	14 31 37.1	-0.1
KHU	Kohuku	45.93	279	P	P	14 31 37.4	+0.1
KHU	comp-Z,330nm,1.4s						
KHU	Kahuku	45.93	279	P	P	14 31 37.4	+0.1
HUH	Hualalai	46.08	280	P	P	14 31 38.7	+0.2
GBN	Guy'sborough	46.09	44	P	P	14 31 37.2	+0.7
HYT	Haines Junction	47.47	340	IAMS_20	IAMS_20	14 51 35.4	
HYT	comp-Z,21um,19.0s						
KIP	Kipapa	47.91	282	eP	P	14 31 50.7	-1.8
KIP	comp-Z,295nm,2.5s						
CTGM	Chitina Glacier	48.85	339	P	P	14 31 58.9	-0.4
CTGM	comp-Z,150nm,1.5s						
CTG	Chitna Glacier	48.85	339	P	P	14 32 00.2	+0.9
CTG	comp-Z,134,SNR=11						
CTG	comp-Z,150nm,1.5s						
BARN	Barnard Glacie	49.03	338	P	P	14 32 01.4	+0.7
BARN	comp-Z,166nm,1.4s						
ETMB	Extrema	49.09	122	eP	P	14 32 01.9	+0.3
BALM	Baldy	49.25	338	IAMB	IAMB	14 32 02.7	+0.3
BALM	comp-Z,149nm,1.3s						
RKT	Rikitea	49.66	215	eS	S	14 39 17.4	+2.9
RKT	comp-Z,3um,33.2s						
RKT	comp-Z,14um,27.1s						
RKT	comp-Z,14um,27.1s						
RAGM	Ragged Mountain	49.67	337	IAMS_20	IAMS_20	14 50 12.9	
RAGM	comp-Z,39um,26.5s						
MCARA	McCarthy VSAT	49.73	338	P	P	14 32 08.1	+2.2
MCARA	comp-Z,15um,19.0s						
MCARA	comp-Z,133,SNR=25						
MCARA	comp-Z,133						
MCARA	McCarthy VSAT	49.73	338	P	P	14 32 05.7	-0.1
MCARA	comp-Z,208nm,1.2s						
VRDI	Verde Repeater	49.78	338	P	P	14 32 05.8	-0.7
VRDI	comp-Z,136nm,1.2s						
PTGA	Pitinga	49.97	107	P	P	14 32 08.2	-0.2
PTGA	comp-Z,93nm,1.1s						
PTGA	Pitinga	49.97	107	eP	P	14 32 09.2	+0.8
DRLN	Deer Lake	49.97	41	IAMB	IAMB	14 32 05.7	+2.3
DRLN	comp-Z,283nm,1.5s						
BMRM	Bremner River	50.02	337	P	P	14 32 10.0	+1.9
BMRM	comp-Z,131,SNR=14						
GLB	Galahina Butte	50.05	338	P	P	14 32 07.6	-0.8
GLB	comp-Z,196nm,1.2s						
GLB	comp-Z,196nm,1.2s						
EYAK	Cordova Ski Ar	50.18	336	P	P	14 32 10.6	+1.3
EYAK	comp-Z,12um,18.0s						
EYAK	comp-Z,12um,18.0s						
EYAK	comp-Z,12um,18.0s						
EYAK	comp-Z,234nm,1.3s						
EYAK	comp-Z,13um,19.0s						
HIN	Hinchinbrook I	50.38	336	IAMS_20	IAMS_20	14 50 26.7	
HIN	comp-Z,14um,19.0s						
MACA	Manacapuru AM	50.39	111	eP	P	14 32 12.8	+1.2
N25K	Chitina, Valde	50.44	338	P	P	14 32 12.6	+1.2
N25K	comp-Z,131,SNR=21						
N25K	comp-Z,131						
N25K	Chitina, Valde	50.44	338	P	P	14 32 09.8	-1.6
N25K	comp-Z,138nm,1.2s						
N25K	comp-Z,138nm,1.2s						
N25K	comp-Z,12um,18.0s						
KLU	Klutina	50.85	337	P	P	14 32 15.7	+1.2
KLU	comp-Z,130,SNR=22						
KLU	comp-Z,130						
KLU	Klutina	50.85	337	P	P	14 32 14.2	-0.3
KLU	comp-Z,230nm,1.3s						
KLU	comp-Z,230nm,1.3s						
SAML	Samuel	51.10	119	P	P	14 32 15.9	-1.0
SAML	comp-Z,113nm,1.4s						
SAML	comp-Z,113nm,1.4s						
SAML	Samuel	51.10	119	P	P	14 32 15.9	-1.0
SAML	comp-Z,113nm,1.4s						
SAML	Samuel	51.10	119	eP	P	14 32 17.4	+0.5
M24K	Tolsona, Glenn	51.33	338	P	P	14 32 20.4	+2.3
M24K	comp-Z,130,SNR=10						
M24K	Tolsona, Glenn	51.33	338	P	P	14 32 16.6	-1.4
AP01	Chacalita	51.38	134	IAMS_20	IAMS_20	14 49 31.3	
AP01	comp-Z,16um,21.0s						
SEW	Seward	51.38	334	P	P	14 32 19.8	+1.4
SEW	comp-Z,125,SNR=11						
SEW	comp-Z,125						
SEW	Seward	51.38	334	P	P	14 32 17.0	-0.5
SEW	comp-Z,128nm,1.2s						
SEW	comp-Z,128nm,1.2s						
KDAK	Kodiak Island	51.51	331	eP	P	14 32 18.6	-0.7
KDAK	comp-Z,13um,21.0s						
KDAK	comp-Z,13um,21.0s						
KDAK	Kodiak Island	51.51	331	P	P	14 32 19.2	-0.1
KDAK	comp-Z,408nm,1.4s						
KDAK	comp-Z,262nm,1.4s						
KDAK	Kodiak Island	51.51	331	IAMS_20	IAMS_20	14 51 00.0	
KDAK	comp-Z,17um,21.0s						
EGAK	Eagle	51.54	342	P	P	14 32 19.4	-0.1
EGAK	comp-Z,137,SNR=25						
EGAK	comp-Z,137						

EGAK	Eagle	51.54	342	P	P	14 32 19.1	-0.3
EGAK	comp-Z,25um,22.0s						
LPAZ	La Paz	51.56	130	P	P	14 32 20.8	-0.2
LPAZ	comp-Z,6.6nm,1.0s,baz=334,slow=8.6,SNR=30						
LPAZ	comp-Z,16um,18.5s,baz=312,slow=34						
LPAZ	La Paz	51.56	130	P	P	14 32 20.3	-0.7
LPAZ	comp-Z,37nm,1.1s						
LPAZ	La Paz	51.56	130	P	P	14 32 20.3	-0.7
OHAK	Old Harbor	51.56	330	IAMS_20	IAMS_20	14 32 19.2	-0.5
OHAK	comp-Z,17um,20.0s						
EPYK	Eagle Plains	51.58	345	P	P	14 32 19.6	-0.3
EPYK	comp-Z,143,SNR=24						
EPYK	Eagle Plains	51.58	345	P	P	14 32 19.0	-0.9
EPYK	comp-Z,130nm,1.3s						
SCM	Sheep Creek Mo	51.58	337	IAMS_20	IAMS_20	14 51 25.5	
SCM	comp-Z,14um,22.0s						
DOT	Dot Lake	51.63	340	IAMB	IAMB	14 32 18.9	-1.4
DOT	comp-Z,163nm,1.5s						
PAX	Paxson	51.65	339	P	P	14 32 20.5	0.0
PAX	comp-Z,131,SNR=28						
PAX	Paxson	51.65	339	P	P	14 32 18.6	-1.8
PAX	comp-Z,125nm,1.2s						
PAX	Paxson	51.65	339	P	P	14 32 18.6	-1.8
PAX	comp-Z,125nm,1.2s						
SII	Sitkinak Islan	51.68	329	IAMS_20	IAMS_20	14 50 31.9	
SII	comp-Z,19um,21.0s						
O22K	Cooper Landing	51.71	335	P	P	14 32 23.2	+2.4
O22K	comp-Z,125,SNR=11						
O22K	Cooper Landing	51.71	335	P	P	14 32 21.1	+0.3
O22K	comp-Z,13um,20.0s						
BRSE	Bradley Lake S	51.72	333	P	P	14 32 23.2	+1.4
BRSE	comp-Z,123,SNR=11						
BRSE	Bradley Lake S	51.72	333	P	P	14 32 20.9	-0.6
BRSE	comp-Z,133,SNR=40						
SCRK	Sand Creek	51.83	340	P	P	14 32 22.3	+0.5
SCRK	comp-Z,133,SNR=40						
SCRK	Sand Creek	51.83	340	P	P	14 32 22.3	+0.5
SCRK	comp-Z,133,SNR=40						
C36M	Paulatuk	51.87	352	P	P	14 32 21.2	-0.7
C36M	comp-Z,159,SNR=56						
C36M	Paulatuk	51.87	352	P	P	14 32 21.2	-0.7
C36M	comp-Z,159,SNR=56						
C36M	Paulatuk	51.87	352	P	P	14 32 20.1	-1.7

22d 14h

Table with columns for call sign, frequency, power, and other technical details. Includes entries like TOLK, GO02, AC01, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes entries like ADK, BO02, ARAG, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes entries like SEY, SEY, PE0AB, etc.

Table with columns: KMI, comp-Z, IAMS, LR, LR, and numerical values. Includes entries like KMI comp-Z,4um,17.5s, KMI comp-Z,4um,16.4s, KMI comp-Z,4um,18.0s, QIZ Qiongzhong, QIZ comp-Z,440nm,6.9s, QIZ comp-Z,2um,18.2s, QIZ comp-Z,2um,18.0s, QIZ comp-Z,4um,36.3s, QIZ Qiongzhong, LSA Lhasa, LSA comp-Z,3um,20.6s, LSA comp-Z,3um,22.1s, LSA Lhasa, LSA comp-Z,4um,21.0s, LSP Lekhapani, DHRM DHARAMSHALA, SOEI Soe, ZIRO ZIRO, ZIRO Son La, RAYN Ar Rayn, SMLA Simla, SMLA MOKOCHONG, DDI Dehra Dun, DDI Sutherland, KOHI KOHIMA, GUN Gudang, TAPN Tapeljung, GKN Gorkha, KKN Kakani, SHL Shilong, SHL Phulchoki, PKI Pulchoki, DMN Daman, DMN Odare, RAMN Ramite, DLV T Lat, UOSS Minazif, AGT Agartala, BELO BELONIA, MBAR Mbarara, CHTO Chiang Mai, CMAR Chiang Mai Arr, CMAR comp-Z,3.2nm,1.1s, BOSA Boshof, BOSA Boshof, BOSA Boshof, DESE Dese, BOK Bokaro, TEND Ethiopian Broa, FURI Furi, DAMY Damar, ANKE Ethiopia-Afar, LSZ Lusaka, ATD Arta Tunnel, BHLH Bhopal, BHLH Bhuj, JAGI Jajag, Banyuwa, KMBO Kilima Mbogo, DGPR DIGLIPUR, PPO Poona, HYB Hyderabad, HYB Hyderabad, SICI Socotra, CISO Cisempot, Garu, PMBI Palembang, GOA Goa, LHMI Lhok Sumawe, BKNI Bangkinang, PSI Prapat, RPSI Rantau Prapat, CRZF Crozet Islands, MNAI Manna, MDRS Chennai, GSI Gunungsitoli, TRC Trivandrum, MNDY Minicoy.

Table with columns: TILG, HPIG, SRIG, TX31, TX32, TX33, TXAR, TXAR, CMIG, KVTX, MINTX, JCT, CLNB, 121A, 121C, 214A, SPX, LEINI, ESJX, MSTX, WHTY, BAR, TJX, 237A, 237A, 109C, 235A, 235A, NFX, PFO, PFO, WUAZ, MTO3, 441A, 441A, W13, TEIG, Z38A, Z38A, 342A, 342A, MWC, MWC, FNO, X37A, SHRP, PV03, PV17, QUOK, QUOK, PV11, PV12, PV14, PV04, PV07, ISA, MIAR, TUL1, TPNV, X49A, X30A, 346A, 346A, PABS, U38A, HHAR, HHAR, R11A, WHAR, WHAR, SPR3, TPH, PMPB, PMPB, O20A, U40A, FCAR, FCAR, MDPB, MDPB, LHV, LHV, NV11, NVAR, NVAR, NVAR, Z47A, RYN, S39A, S39A, MGMO, WAKR, CMB, W45A, 250A, LRAL, YERR, YERR, T42A, PNTR, PNTR, ELK, ELK, VCNR, VCNR, R40A, 352A, X48A, X48A, CCM, CCM, Y49A, Y49A, FVM, BEKR, BW06, PDAR, WWT, WWT, WV, WV, P40A, P40A, ECR, ECR, FPAL, FPAL.

Table with columns: FPAL, REDW, LOHW, CLTN, T47A, T47A, W50A, W50A, Q44A, 154A, GOGA, GOGA, HLID, 255A, WVOR, WVOR, MOD, CPCT, CPCT, W52A, W52A, BCYI, V51A, PAULI, PAULI, H9A, H9A, U54A, U54A, V55A, V55A, N51A, LON, LTY, NEW, WALA, B08A, G56A, B35A, T59A, EYMN, NLWA, NLWA, M54A, M54A, ULM, M55A, WVNY, WVNY, M57A, L56A, L56A, PSUB, PSUB, PECO, SDV, ANWB, DLBC, YKA, EGAK, EGAK, LPAZ, DOT, DOT, PAX, PAX, C36M, SML, INUK, INUK, INK, INK, SUA, RSO, RND, RND, ILAR, PRP, PRP, CCB, TRF, POKR, POKR, BWN, FYU, PPLA, BPAW, I23K, I23K, TTA, TTA, COLD, TOLK, TOLK, H03N2, H03N1, H03N1, H03N3, AC05, AC05, CO03, EUNU, CPUP, CPUP, PLCA, PLCA, SEY, H1N3, H1N3, H1N2, H1N1, KSH, ASH, MAW, MAW, DDA, ISK, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and numerical values. Includes entries like R15V, R15V, EZSV, EZSV, ANIG, ANIG, H06E1, H06E1, H06S1, H06S1, H06S, H06S, H06N1, H06N1, MAIG, MAIG, AAIG, MOIG, SLBS, ZAIG, LPIG.

DDA 22 14:44:00.4, 36:95N-36:60E, h7km, 3km, ML2.5
ISK 22 14:44:01.5, 37:02N-36:66E, h8km, ML2.1/8
ISC 22 14:44:00.4-1.0, 37:00N-0:04:36.67E, 0:03, h8km, n19, o187/32, Turkey

22d 17h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KAMA, HCB, KUZU, GAZ, KMRZ, KHMM, etc.

IDC 22 15:00:36.9,0.8,10.69N;124.91E,h0km,mb3.6/11, mb1 3.7/11,mb1mx3.6/40,mbtmp3.6/11,Error ellipse: s-maj=36.0km s-min=15.8km az=71.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like OCLP, MSLP, LLP, GLSP, etc.

IDC 22 15:36:54.9,44.0,16.61S;171.59W,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.6/32,mbtmp3.7/3,Error ellipse: s-maj=852.1km s-min=199.8km az=80.0, Samoa Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR, etc.

MAN 22 16:24:36.8,9.95N;126.04E,h11km,mb4.1,ML2.8,MS2.5, 2D,Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GLSP, BUTP, MSLP, etc.

ASRS 22 16:25:29.6,0.3,52°N;2°9'6"E,h10km,MLh3.3/7, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID smi:org.gfz-potsdam.de/geofon/iasp91 confirmed,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KZLR, KNGR, ARDR, etc.

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Table with columns: ABNR, Abakan, TBTR, Tabat, TEL, Teeli, SHRR, Shira. Includes coordinates and times.

IDC 22 16:37:56.9,3.1,5.07S;133.54E,h0km,mb3.4/1, mb1 3.7/4,mb1mx3.5/26,mbtmp3.5/4,ML3.6/3,MS3.8/1, Ms1 3.8/1,ms1mx3.3/18,Error ellipse: s-maj=127.7km s-min=30.5km az=82.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like FAKI, NNTI, WBZ, FITZ, etc.

SOME 22 16:54:59.8,44.37N;85.27E,h5km NNC 22 16:54:59.2,2.4,44.26N;85.39E,h1km,15km,mb3.5, mpv3.1,Error ellipse: s-maj=18.4km s-min=8.0km az=119.0

IDC 22 16:54:57.1,2.5,44.19N;85.4E,0.1,h10km,n21, a=13627,4C-5D,NorthernXijiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ZSN, ZSN, ZSN, MK31, etc.

IDC 22 17:10:51.5,0.2,20.04N;45.85W,h19km,mb5.8/3, mb5.4/2,MS2.1,MS7.4/7

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR, etc.

DJA 22 16:57:54.2,0.5,12°S;5°11'8"E,h46km,40km,M4.5/12, mb4.5/7,MLV4.4/12

NEIC 22 16:57:54.0,2.5,11.46S;0.04;118.15E;0.07,h41km,9km, mb4.0/16,Error ellipse: s-maj=10.8km s-min=3.3km az=121.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BASI, BLAI, PLAI, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BATI, BSSI, SOEI, etc.

BJI 22 17:10:51.5,0.2,20.04N;45.85W,h19km,mb5.8/3, mb5.4/2,MS2.1,MS7.4/7

IDC 22 17:10:53.1,0.5,20.06N;45.78W,h0km,mb4.1/20, mb1 4.3/20,mb1mx4.1/40,mbtmp4.1/20,MS4.3/19, Ms1 4.3/19,ms1mx4.0/38,Error ellipse: s-maj=17.9km s-min=13.6km az=170.0

NEIC 22 17:10:54.4,1.7,20.0N;0.1;45.7W;0.1,h10km,1km, mb4.8/40,Error ellipse: s-maj=22.0km s-min=19.8km az=144.0

GCMT 22 17:10:55.4,0.3,20.26N;0.04;45.63W;0.02,h12km, MV5.0/99,Moment Tensor Solution. s14,c14; s99,c120; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=3.39; 13; Mm=0.22; 16; Mw=0.3; 17; 11; Mm=0.28; 75; Mw=0.65; 11; Mw=0.8; 57; Best double couple: M3.46600x10^16 Np1=199.00000; 839.00000; 1-79.00000; NP2: 0.5;0.00000; 852.00000; 1-9.990000; Principal axes: T 3.3980,Plg7.0000; Azm101.0000; N 0.1390,Plg7.0000; Azm10.0000; P -3.5340,Plg80.0000; Azm235.0000;

nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 22 17:10:54.8,0.5,20.00N;0.1;45.77W;0.08,h10km,n107, a=9944,10m,mb4.7/51,MS4.4/17,6C-1D,Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MDP, SJG, SDV, etc.

Table with columns: CCM, Cathedral Cave, 43.17 305, P, P, 17 18 57.1 +1.3, 17 18 58.4. Includes stations like FCAR, R40A, P40A, G40A, TOAO, TORO, etc.

Table with columns: KSH, HHC, NJM2, CMAR, etc. Includes station names like Hu-ho-hao-te, Nanjing, Chiang Mai Arr, etc. and various parameters like comp, 2.0, 2.0, 0.9s, etc.

Table with columns: H10N3, H10N2, H10N1, DBIC, LPAZ, etc. Includes station names like ASCENSION HYDRN1.63, etc. and various parameters like comp, 2.0, 2.0, 0.9s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CM15 Chiang Mai Arr, CM13 Chiang Mai Arr, CMMT Chiang Mai Arr, etc.

Table with columns: SVA, IAML, Time, Res, ISC. Includes stations like SVA Crater Peak Br, SVA Chakachatna No, SVA Skwentna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLB Gilahina Butte, GLB Gilahina Butte, PS08 TAPS Pump Stn8, etc.

AEIC 22 18:24:15.1.6, 61.58N, 0.02:151.62W, 0.05, h11km, 4km, ML3.3, ML3.5/62(NEIC). Error ellipse: s-maj=4.4km s-min=1.8km az=124.0

NEIC 22 18:24:16.0.2.0.61.56N, 0.01:151.54W, 0.05, h13km, 4km, Error ellipse: s-maj=3.3km s-min=1.3km az=109.0

ISC 22 18:24:14.0.1.1.61.51N, 0.02:151.51W, 0.02, h4km, 10km, n134, s125/129, Southern Alaska

PB01		i S	Sn	18 28 35.4	-1.7	RCBR	Riachuelo	35.16	64	eP	P	18 33 29.8	-0.7	P57A	Homestead Farm	64.20	351	P	P	18 37 10.1	+4.0	
PB01	IPOC Station P	3.84 325	Pn	18 27 51.7	+0.4	RCBR	Obispado Ponce	42.03	1	P	P	18 34 24.6	-2.9	R50A	Paris	64.25	345	Iamb	Iamb	18 37 09.5		
PB02	IPOC Station P	3.85 318	Pn	18 27 51.9	+0.4	OBIG	San Juan	42.11	1	P	P	18 34 25.9	-2.2	W39A	Magaj	64.27	336	P	P	18 37 10.8	+1.1	
GO03	Copiap	4.34 219	i S	18 28 35.0	-2.4	TEIG	comp=Z,27nm,0.8s			Iamb	Iamb	18 34 26.4		FCAR	Ozark Folk Cen	64.30	338	Iamb	Iamb	18 37 09.9		
GO03	Copiap	4.34 219	i S	18 27 57.1	-0.5	TEIG	Tepich	48.75	333	P	Iamb	Iamb	18 35 20.7	+0.4	P56A	Dayton Farm, R	64.34	340	P	P	18 37 11.2	+1.1
PATXC	Punta Patache	4.39 320	Pn	18 27 58.8	+0.4	BELA	Belraño	55.82	172	P	P	18 36 12.6	+0.8	Q52A	Bidwell	64.44	347	Iamb	Iamb	18 37 11.5		
PATXC	Punta Patache	4.39 320	Pn	18 28 46.9	-2.9	WNA3	Neumayer Olymp	56.97	161	P	P	18 36 20.9	+1.0	R49A	Shelbyville	64.46	344	Iamb	Iamb	18 37 11.1		
PB08	IPOC Station P	4.48 335	i S	18 27 58.1	-0.2	WNA2	Neumayer-Watz	57.54	160	P	P	18 36 24.9	+1.0	ABTX	Abilene, Hawle	64.49	330	P	P	18 37 11.6	+0.4	
PB08	IPOC Station P	4.48 335	i S	18 28 00.9	+1.1	352A	Blakely	57.96	342	P	P	18 36 27.4	+0.1	WCY	Abilene, Hawle	64.49	330	P	P	18 37 13.4		
VCA	Vinchina	4.58 192	eP	18 28 00.6	+0.8	NHSC	New Hope	58.96	347	P	P	18 36 31.3	+1.3	ABTX	Abilene, Hawle	64.49	330	P	P	18 37 11.7	-0.6	
VCA	Vinchina	4.58 192	eP	18 28 01.4	+0.6	250A	Grady	58.81	341	P	Iamb	Iamb	18 36 31.6	-1.5	WCI	Wyandotte Cave	64.68	343	P	P	18 37 11.6	-0.6
TA01	Diego Aracena	4.61 322	eS	18 30 03.3		250A	Grady	58.81	341	P	Iamb	Iamb	18 36 34.7		WCI	Wyandotte Cave	64.68	343	P	P	18 37 13.8	
TA01	Diego Aracena	4.61 322	eS	18 28 01.3	+0.3	152A	Waverly Hill	59.02	343	Iamb	Iamb	18 36 34.7		WCI	Wyandotte Cave	64.68	343	P	P	18 37 14.2	0.0	
TA01	Diego Aracena	4.61 322	eS	18 28 01.4	+0.3	SNA4	Albert Glenn T	59.17	161	P	P	18 36 36.1	+0.8	U40A	Yellville	64.73	346	Iamb	Iamb	18 37 15.3		
HMBC	Humberstone	4.69 327	eP	18 28 01.1	-1.1	SNA4	Albert Glenn T	59.17	161	P	P	18 36 37.6	+0.5	U40A	Yellville	64.73	346	Iamb	Iamb	18 37 15.3		
TA02	Huapiquique	4.82 325	eP	18 28 02.6	-1.2	GOGA	Godfrey	59.40	344	P	P	18 36 37.1	-0.1	U40A	Yellville	64.73	346	Iamb	Iamb	18 37 15.3		
ACLC	CERRO LA CRUZ	5.17 178	eP	18 28 06.5	-2.0	GOGA	Godfrey	59.40	344	Iamb	Iamb	18 36 37.5		S44A	Corning	65.02	341	Iamb	Iamb	18 37 16.4		
AC04	Llanos de Chal	5.29 221	eP	18 28 08.0	-0.9	GOGA	Godfrey	59.40	344	Iamb	Iamb	18 36 37.5		SIUC	Southern Iliin	65.02	341	Iamb	Iamb	18 37 15.6		
AC04	Llanos de Chal	5.29 221	eP	18 28 08.9	-1.0	X59A	McDuffie Farm,	59.49	349	P	P	18 36 38.0	+0.3	O56A	Bluff Knob Stat	65.05	350	P	P	18 37 15.5	+0.8	
AGUA	GUANDACOL	5.35 193	eP	18 28 09.4	-1.6	X59A	McDuffie Farm,	59.49	349	P	P	18 36 38.0	+0.3	P52A	Corning	65.06	347	P	P	18 37 14.6	-0.1	
AGUA	GUANDACOL	5.35 193	eP	18 28 29.0		X57A	Johnson Farm,	59.66	348	P	P	18 36 39.7	+0.8	P51A	Williamsport	65.11	346	Iamb	Iamb	18 37 15.1		
AC05	El Transito	5.36 211	eP	18 28 10.7	-0.3	X57A	Johnson Farm,	59.66	348	P	P	18 36 39.7	+0.8	O54A	Avella	65.26	349	Iamb	Iamb	18 37 17.0		
AC05	El Transito	5.36 211	eP	18 28 10.4	-0.6	JSC	Jenkinsville	59.72	346	P	Iamb	Iamb	18 36 40.8		N58A	Sunbury	65.35	352	P	P	18 37 17.6	+1.0
PSGC	Pisagua	5.38 329	eP	18 28 09.5	-1.7	JSC	Jenkinsville	59.72	346	P	Iamb	Iamb	18 36 40.8		X34A	Smith Ranch, M	65.36	352	Iamb	Iamb	18 37 17.9	
PSGC	Pisagua	5.38 329	eP	18 29 07.6	-5.5	Y52A	Lakeview	59.98	344	Iamb	Iamb	18 36 42.0		N57A	Milroy	65.38	351	P	P	18 37 17.4	+0.6	
PSGC	Pisagua	5.38 329	eP	18 28 09.6	-1.7	Y52A	Lakeview	59.98	344	Iamb	Iamb	18 36 42.0		O53A	Philadelphia	65.48	348	P	P	18 37 17.6	+0.2	
MMIC	Minye Minye	5.57 335	eP	18 28 13.7	-0.7	LRAL	Lakeview Retre	60.02	341	P	P	18 36 41.1	-0.3	O53A	New Philadelphia	65.48	348	P	P	18 37 18.1		
APLL	PUNTA DE LOS L	6.16 175	eP	18 28 20.7	-0.7	W58A	Raelord	60.04	349	P	P	18 36 42.1	+0.6	MGMO	Mountain Grove	65.49	338	Iamb	Iamb	18 37 18.7		
APLL	PUNTA DE LOS L	6.16 175	eP	18 29 29.6		PAULI	Pauline	60.36	346	Iamb	Iamb	18 36 45.1		P49A	Miami Univ. Ec	65.53	345	P	P	18 37 17.2	-0.6	
ACDV	Cuesta del Vie	6.16 196	eP	18 28 11.3	-1.0	W56A	Indian Trail	60.41	347	P	P	18 36 44.5	+0.4	U38A	Gravette	65.60	336	Iamb	Iamb	18 37 19.3		
ACDV	Cuesta del Vie	6.16 196	eP	18 29 33.2		Z47A	Carrollton	60.50	340	Iamb	Iamb	18 36 44.8		FVM	French Village	65.64	340	Iamb	Iamb	18 37 19.9		
AROD	Rodeo	6.25 199	eP	18 28 20.0	-2.9	KMCS	Kings Mountain	60.57	347	P	P	18 36 45.7	+0.6	N56A	West Decatur	65.64	351	P	P	18 37 18.9	+0.4	
AROD	Rodeo	6.25 199	eP	18 29 36.0	+2.0	KMCS	Kings Mountain	60.57	347	P	P	18 36 45.7	+0.6	TUL1	Leonard	65.67	335	Iamb	Iamb	18 37 19.1	+0.3	
PB16	IPOC Station P	6.27 339	Pn	18 28 23.2	-0.2	Y49A	Blount Mountain	60.61	342	Iamb	Iamb	18 36 46.6		TUL1	Leonard	65.67	335	Iamb	Iamb	18 37 20.6		
CO01	Junta del Tor	6.29 204	eP	18 28 23.9	+0.7	BG3	Lake Jocassee	60.78	345	Iamb	Iamb	18 36 47.9		ACSO	Alum Creek Sta	65.81	347	P	P	18 37 19.4	-0.1	
AVFE	Valle Ferril	6.40 182	eP	18 28 23.7	-0.9	833A	Chaparral WMA,	60.79	327	P	P	18 36 48.0	+1.2	M59A	Waymart	65.89	353	P	P	18 37 20.8	+0.8	
ACCO	Cerro Coronel	6.55 195	eS	18 28 27.4	+0.6	V57A	Coltrane Farms	60.98	348	P	P	18 36 48.0	+0.1	M57A	Waymart	65.90	352	P	P	18 37 21.0	+0.9	
ACCO	Cerro Coronel	6.55 195	eS	18 29 36.5	-4.5	FPAL	Fort Paine	61.03	343	Iamb	Iamb	18 36 48.9		L63A	North Scituate	65.90	356	P	P	18 37 20.6	+0.6	
ACCO	Cerro Coronel	6.55 195	eS	18 29 44.0		V56A	Mocksville	61.04	348	P	P	18 36 49.2	+0.8	N54A	Moraine State	65.96	349	P	P	18 37 21.1	+0.7	
GO04	Tololo Observa	6.74 208	Pn	18 28 28.4	-0.9	W52A	Murphy	61.11	344	Iamb	Iamb	18 36 49.9		N54A	Moraine State	65.96	349	P	P	18 37 22.1		
ACHE	Chepes	6.91 176	eP	18 28 30.4	-1.0	143A	Socs Landing,	61.17	337	Iamb	Iamb	18 36 51.5		QSPA	South Pole Qui	65.97	180	P	P	18 37 21.8	+1.4	
ACHE	Chepes	6.91 176	eP	18 28 42.6	-6.8	U58A	Blanch	61.26	350	P	P	18 36 50.3	+0.5	QSPA	South Pole Qui	65.97	180	P	P	18 37 22.2		
RTLL	Cerro Villicun	7.16 189	eP	18 29 35.5	+0.9	U58A	Blanch	61.26	350	P	P	18 36 50.3	+0.5	CCM	Cathedral Cave	65.97	339	P	P	18 37 20.6	0.0	
RTLL	Cerro Villicun	7.16 189	eP	18 29 51.6	-3.6	V53A	Saluda	61.40	346	Iamb	Iamb	18 36 51.8		CCM	Cathedral Cave	65.97	339	P	P	18 37 21.0	-0.5	
RTLL	Cerro Villicun	7.16 189	eP	18 29 55.8		U57A	Blanch	61.43	349	P	P	18 36 51.2	+0.4	CCM	Cathedral Cave	65.97	339	P	P	18 37 21.0	-0.5	
CO03	El Pedregal	7.28 205	Pn	18 28 36.0	-0.3	A56A	King	61.54	348	P	P	18 36 52.7	+1.1	O49A	Covington	66.07	346	Iamb	Iamb	18 37 21.6		
RTCV	Cerro Valdivia	7.69 189	eP	18 28 41.0	-0.7	W50A	Signal Mountai	61.57	343	Iamb	Iamb	18 36 52.9		M56A	Emporium	66.18	351	P	P	18 37 22.4	+0.5	
RTCV	Cerro Valdivia	7.69 189	eP	18 30 10.2		NATX	Nacogdoches	61.58	333	P	P	18 36 53.7	+1.6	L60A	Shokan	66.22	354	P	P	18 37 23.1	+1.0	
LPAZ	La Paz	7.96 353	Pn	18 28 43.2	-2.7	CPCT	Cooper Cave	61.60	344	Iamb	Iamb	18 36 52.5		M55A	Ridgway	66.25	350	Iamb	Iamb	18 37 23.4		
LPAZ	La Paz	7.96 353	Pn	18 28 46.8	+0.8	TKL	Tuckaleechee C	61.61	345	Iamb	Iamb	18 36 52.8		M54A	Oil Creek Stat	66.43	350	P	P	18 37 24.0	+0.5	
AUSP	Uspallata	8.19 193	eP	18 28 48.1	-0.5	U58A	Blanch	61.61	345	Iamb	Iamb	18 36 52.8		M54A	Oil Creek Stat	66.43	350	P	P	18 37 25.2		
MRA	San Martin	8.00 199	eP	18 28 47.1	-1.4	V53A	Saluda	61.40	346	Iamb	Iamb	18 36 51.8		L58A	Harry Jones Me	66.44	353	P	P	18 37 24.6	+1.1	
VAD3	San Esteban	9.00 199	eP	18 28 58.3	-0.8	U57A	Blanch	61.43	349	P	P	18 36 51.2	+0.4	L59A	Walton	66.50	354	Iamb	Iamb	18 37 25.0	+1.1	
CPUP	Villa Florida	9.13 105	Pn	18 28 57.7	-3.1	W50A	Signal Mountai	61.57	343	Iamb	Iamb	18 36 52.9		L59A	Walton	66.50	354	Iamb	Iamb	18 37 25.9		
CPUP	Villa Florida	9.13 105	Pn	18 28 58.8	-2.0	CPCT	Cooper Cave	61.60	344	Iamb	Iamb	18 36 52.5		O49A	Covington	66.07	346	Iamb	Iamb	18 37 21.6		
MT02	Curacao	9.64 200	eP	18 29 04.4	-3.3	U57A	Blanch	61.43	349	P	P	18 36 51.2	+0.4	M56A	Emporium	66.18	351	P	P	18 37 22.4	+0.5	
SIV	San Ignacio	10.10 36	Pn	18 29 09.3	-3.0	A56A	King	61.54	348	P	P	18 36 52.7	+1.1	L60A	Shokan	66.22	354	P	P	18 37 23.1	+1.0	
SIV	San Ignacio	10.10 36	Pn	18 29 49.8	-1.4	W50A	Signal Mountai	61.57	343	Iamb	Iamb	18 36 52.9		M55A	Ridgway	66.25	350	Iamb	Iamb	18 37 23.4		
RFA	San Rafael	10.56 186	eP	18 29 15.7	-3.8	NATX	Nacogdoches	61.58	333	P	P	18 36 53.7	+1.6	M54A	Oil Creek Stat	66.43	350	P	P	18 37 24.0	+0.5	
BO02	Sierra Bellavi	10.98 196	Pn	18 29 24.6	-0.4	CPCT	Cooper Cave	61.60	344	Iamb	Iamb	18 36 52.5		M54A	Oil Creek Stat	66.43	350	P	P	18 37 25.2		
AQDB	Aquidauana	11.24 73	eP	18 29 30.6	+2.1	TKL	Tuckaleechee C	61.61	345	Iamb	Iamb	18 36 52.8		L58A	Harry Jones Me	66.44	353	P	P	18 37 24.6	+1.1	
BIO2	San Fabin de	12.88 195	Pn	18 29 49.5	0.0	U57A	Blanch	61.43	349	P	P	18 36 51.2	+0.4	L59A	Walton	66.50	354	Iamb	Iamb	18 37 25.0	+1.1	
TRCB	Terra Rica	13.40 87	eP	18 30 01.0	+1.2	V52A	Sevierville	61.75	345	Iamb	Iamb	18 36 53.7		L59A	Walton	66.50						

Table with columns: I58A, Old Forge, 67.97 354, P, P, 18 37 33.9 +0.7, etc. Lists various astronomical objects and their properties.

Table with columns: RWVY Rawlins, 75.36 330, Iamb, Iamb, 18 38 20.3, etc. Lists various astronomical objects and their properties.

Table with columns: LTY Liberty, 85.94 327, Iamb, Iamb, 18 39 15.2, etc. Lists various astronomical objects and their properties.

SKHL 22 18:34:26.0, 0.4, 51.80N, 143.00E, h15km, mb4.7/6
IDC 22 18:34:27.5, 0.9, 51.79N, 142.91E, h0km, mb3.6/9,
mb1 3.6/2, ms1mx2.9/44, Error ellipse: s-maj=34.6km
s-min=16.6km az=151.0
MOS 22 18:34:28.0, 1.9, 51.77N, 143.01E, h18km, mb4.0/1, Error
ellipse: s-maj=21.4km s-min=9.9km az=81.8
MOS Felt (I-II) at Nogiki:
ISC 22 18:34:27.6, 1.3, 51.71N, 143.00E, h15km, mb3.6/9,
n24, r139/40, mb3.6/9, 2d, Sakhalin Island

Table with columns: YBH, comp, LR, LR, 21 39 37.0, etc. Includes stations like Yreka Blue Hor, Villa Florida, Lac du Bonnet, Fort Churchill, etc.

SOME 22 21:23:57.0, 49'00N:78:67E, h10km
NCC 22 21:23:57.1, 48:95N:78:95E, h4km, 17km, mb3.5,
mpv3.1, Error ellipse: s-maj=11.2km s-min=8.3km
az=167.0

ISC 22 21:23:56.7, 0.9, 48'91N:0:03:78:59E, h10km, n28,
+1527/41, 3C-5D, Eastern Kazakhetan

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc. Lists numerous stations and their seismic data.

KST 2.8nm, 0.6s
NEIC 22 21:38:31.9, 1.3, 39:28N:0:04:142:6E:0.1, h10km, 6km,
mb4.0/10, Error ellipse: s-maj=13.7km s-min=2.0km
JMA 22 21:38:31.2, 0.2, 39:13N:142:94E, h20km, 2km, M4.0
NIED 22 21:38:31.3, 39:13N:142:94E, h20km, MW3.9, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm
M3:2.8, M0:0.19; M1:0.347; M2:2.7; M3:1.07; M4:5.22;
Fault plane solution: M:6.86000x10^14 NP1:26.00000°,
575.00000°, A:97.00000°. NP2:182.00000°, 617.00000°,
167.00000°.
IDC 22 21:38:37.1, 1.4, 39:43N:142:60E, h37km, 7km, mb3.6/12,
mb1.3/7.5, mb1mx3.5/34, mb3p3.8/15, ML3.0/3, MS3.0/5,
M1.3/0.5, ms1mx2.7/36 Error ellipse: s-maj=24.3km
s-min=20.6km az=138.0
ISC 22 21:38:35.6, 0.8, 39:25N:0:05:142:79E:0:07, h37km, 1km,
n50, +1556/58, mb3.9/17, Near east coast of eastern

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc. Continuation of station data.

DDA 22 21:51:47.6, 36:59N:30:38E, h48km, ML3.0
ISK 22 21:51:47.7, 36:59N:30:34E, h55km, ML3.2/37
NIC 22 21:51:48.1, 0.0, 36:63N:30:46E, h32km, 22km, M3.2/4
HLW 22 21:51:52.9, 36:13N:30:11E, h26km, 21km, M3.9
ISC 22 21:51:48.1, 1.2, 36:54N:0:03:30:37E:0:03, h53km, 6km,
n89, e1537/114, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc. Continuation of station data.

Table with columns: BUCA, Burdur, Bucak, 0.81 11, etc. Lists stations like Burdur, Bucak, Golhisar, Denizli, etc.

VAO 22 21:56:00.5, 3.2, 34:69S:71:92W, h10km, mb4.5
NEIC 22 21:56:21.3, 1.4, 34:47S:0:04:70:61W:0:09, h108km, 4km,
Error ellipse: s-maj=11.2km s-min=4.8km az=107.0
IDC 22 21:56:21.9, 3.2, 34:48S:70:39W, h108km, 32km, mb3.7/6,
mb1.3/7.8, mb1mx3.6/41, mbtpm4.0/8, Error ellipse:

22d 22h

2015 FEB

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s-maj=34.8km s-min=24.3km az=74.0
GUC 22 21:56:21.4.0.7,34.45S,70.61W,h99km,3km,ML4.2
ISC 22 21:56:21.3.0.6,34.47S,70.60W,0.06,h108km,5km,
n66,e0573/82,mb4.0/9,9C-1D,Chile-Argentina border
region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like Sierra Bellavi, Las Melosas, Talagante, Universidad Ad, Renca, Pichilemu, Santo Domingo, Curacav, Peldehue, San Esteban, San Fabin de, Paso Flores, Lanos de Chal, Juan Fernandez, Minoce Station, Mince Minye, Concordia, La Paz, Pitanga, East Falkland, Terra Rica, San Ignacio, Pacaembu, Iturama, Bebedouro, Valinhos, Bom Sucesso, Januaria, Palmer Station, Guarapari, ES, Neumayer Olymp, Neumayer-Watz, Snares, Snares, South Pole Qui, Godfrey, Lajitas Array, Lajitas Array, Sevierville, Dimbokro, Dimbokro, Boshof, Boshof, Torodi Ar. Sit, Torodi Ar. Bea, Pinedale Array.

Table with columns: DKL, Dkili, 0.84, 19, PG, Pg, 21 57 46.2 +0.4, 21 58 00.1 -0.4, 21 57 50.3 +0.4, 21 58 04.1 +0.3, 21 58 06.0. Includes stations like SAGR, AYB, GOMA, KCCA, BUHA, MLBS, BDRM, STEP, BAYC, BAYC, EZN, BOZO, KULA, YER, GADA, SIMA, GELI, KRBG, ERIK, KCTX, MAR, TVSB, MARS, ALN.

GCG 22 22:03:05.8.0.7,14.66N,89.05W,h0km,15km,MD3.7
INET 22 22:03:06.6.1.8,14.53N,89.19W,h0km,4km,ML3.4
INET 22 22:03:07.9.1.5,14.51N,89.23W,h3km,MD3.7
ISC 22 22:03:06.9.1.5,14.54N,0.05,89.12W,0.04,h4km,10km,
n23,e1901/34,4C-1D,Guatemala

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like ESQI, MTO3, TACO, MTRC, CEDA, LBR3, BOQS, RTR, SNJE, UEES, SBLS, CEVE, LFRS, JAYA, COEG, POSS, LALI, LALI, COEB, COEB, NBG, TECA, PACA, PACA, FUG, FUG.

TAP 22 22:10:35.7,23.95N,121.66E,h56km,ML3.5,C
JMA 22 22:10:35.4,23.92N,121.64E,h51km,ML2.7
ISC 22 22:10:36.8.1.2,23.94N,121.71E,0.02,121.71E,0.02,h46km,5km,
n119,e058/22,2D,Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like HWA, HWA, TW, TW, NACB, ESL, ESL, ETLH, ETLH, EGFH, EGFH, WHF, WHF, ENA, ENA, CHGB, CHGB, EWUT, EWUT, HGSD, HGSD, FUSS, FUSS.

Table with columns: VWDV, WWDV, EHY, EHY, NNSB, NNSB, NNSH, NNSH, NNS, NNS, TDCB, TDCB, YULB, YULB, TWC, TWC, NDT, NDT, NDS, NDS, WPL, WPL, WPL, WPL, TWF1, TWF1, TWF1, TWF1, SSLB, SSLB, SSLB, ENTT, ENTT, DPDB, DPDB, WCS, WCS, WCS, SMLT, SMLT, SMLT, SMLT, WHP, WHP, WHP, WHP, TWE, TWE, TYC, TYC, TYC, TYC, YHNB, YHNB, YHNB, NSK, NSK, NSK, WHYT, WHYT, WHYT, WHYT, ILA, ILA, ILA, FULB, FULB, FULB, NWLW, NWLW, NWLW, CHKT, CHKT, CHKT, WJS, WJS, WJS, NTC, NTC, NTC, WWF, WWF, WWF, ALS, ALS, ALS, WNT, WNT, WNT, WNT, WNT1, WNT1, WNT1, WNT1, NNTT, NNTT, NNTT, NNTT, LIOB, LIOB, LIOB, TWQ1, TWQ1, TWQ1, TWQ1, TCU, TCU, TCU, NJD, NJD, NJD, ELDTW, ELDTW, ELDTW, NSY, NSY, NSY, CHNS, CHNS, CHNS, NMLH, NMLH, NMLH.

Table with columns: Station Name, Frequency, Power, Mode, Time, Azimuth, Elevation, and other parameters. Includes stations like Xindian Distri, Shuangxi, Donghe, etc.

Table with columns: Station Name, Frequency, Power, Mode, Time, Azimuth, Elevation, and other parameters. Includes stations like Yonaguni jima, Hsinying, Nanshi, etc.

Table with columns: Station Name, Frequency, Power, Mode, Time, Azimuth, Elevation, and other parameters. Includes stations like Hallett, Buckleboob, Warramunga Arr, etc.

NEIC 22:22:17.07.6: 1.2, 19.2S:0.1x:177.5W:0.1, h576km, 7km, mb4.7/66, Error ellipse: s-maj=17.5km s-min=14.7km az=127.0

NOU 22:22:17.08.2, 19.18S:177.26W, h598km, mb4.8, Fiji Islands Region

IDC 22:22:17.09.1, 19.19S:177.54W, h591km, 25km, mb3.7/12, mb1.4, 0/14, mb1mx3.7/26, mbtmp4.7/14, Error ellipse: s-maj=20.5km s-min=11.3km az=150.0

ISC 22:22:17.09.6.0.4, 19.31S:177.47W:0.07, h600km, n131, r125/138, mb4.6/42, 1D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, Time, Azimuth, Elevation, and other parameters. Includes stations like Nonsavu, Niue, Mont Dzumac, etc.

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

SOME 22 22:39:26.0,47.43N,-81.22E,h10km
NINC 22 22:39:28.7,0.7,47.39N,-81.94E,h5km,9km,mb3.3,
mpv2.7,Error ellipse: s-maj=5.8km s-min=3.7km az=163.0
ISC 22 22:39:27.0,1.0,47.29N,-0.04,-81.50E,0.03,h13km,n19,
o185/31,6C-4D,Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for stations like MAKZ, MK31, ZSN, TDK, DJR, etc.

NEIC 22 22:39:35.2,0.9,0.05S,0.09,123.89E,0.06,h110km,gkm,
mb4.2/16,Error ellipse: s-maj=13.0km s-min=8.2km
az=160.0
DJA 22 22:39:37.0,4.0,0.5,4.12,4E,1,h90km,gkm,M4,7/11,
mb4.9/5,mb5.1/4,MLV4.7/13,Mv(mb)4.5/4,MWmp5.1/3,
Mwp5.3/1
IDC 22 22:39:38.6,0.8,0.03S,123.93E,h135km,gkm,mb3.8/10,
mb1.4/0.13,mb1mx3.8/30,mbtmp4.3/13,MS2.9/2,
Ms1.3/0.2,ms1mx2.6/31,Error ellipse: s-maj=19.9km
s-min=10.2km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for stations like KMSI, LUWU, LUWI, etc.

Table with columns: CMAR, LR, LR, Time, Res, h, m, s, ISC. Contains station data for stations like CMAR, STKA, CD2, MJAR, etc.

IDC 22 22:56:35.8,-3.0,14.75S,174.16W,h0km,mb3.8/6,
mb1.4/2.6,mb1mx3.9/9,mbtmp3.8/6,MS3.6/1,Ms1.3/6.1,
ms1mx2.7/31,Error ellipse: s-maj=16.2km
s-min=8.0km az=48.0,Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for stations like URZ, WRA, ASAR, etc.

IDC 22 22:57:51.0,2.4,6.89S,130.86E,h72km,29km,mb3.3/1,
mb1.4/2.7,mb1mx3.7/35,mbtmp4.3/7,MS3.0/1,Ms1.3/0.1,
ms1mx2.2/20,Error ellipse: s-maj=33.4km s-min=21.2km
az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for stations like SIJI, BATI, FITZ, etc.

IDC 22 23:00:56.8,-2.0,9.33S,75.93W,h130km,22km,mb3.8/1,
mb1.3/5.5,mb1mx3.3/26,mbtmp3.9/5,Error ellipse:
s-maj=60.5km s-min=17.2km az=40.0,Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for stations like ATAH, LPAZ, SIV, etc.

Table with columns: UCH, KK31, EKS2, AAK, AAK, AAK, KBK, CHMS, USP, TKM2, TKM2, TKM2. Contains station data for stations like UCH, KK31, EKS2, etc.

NEIC 22 23:09:26.2,1.2,36.91N,10.08,-135.4E,0.1,h364km,gkm,
mb4.0/19,Error ellipse: s-maj=13.3km s-min=10.8km
az=135.0

NIED 22 23:09:26.2,36.96N,-135.31E,h362km,MW4.0,Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm;
Mn-3.19; Mw8.43; Mw-5.24; Mw-1.58; Mw-1.86; Mw-5.39;
Fault plane solution: Ms9.45000x10^14 NP1.944.00000,
873.00000, -14.100000. NP2.9300.00000,
FN1=5

JMA 22 23:09:26.2,0.2,36.96N,-135.31E,h362km,2km,M3.6
IDC 22 23:09:26.3,1.1,36.92N,135.39E,h368km,13km,mb3.2/7,
mb1.3/4.1,mb1mx3.1/36,mbtmp4.0/11,Error ellipse:
s-maj=26.1km s-min=13.0km az=67.0

ISC 22 23:09:26.1,0.5,36.91N,10.07,-135.34E,0.07,h362km,n65,
o081/67,mb3.8/19,Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for stations like JKG, JKT, JWA, etc.

USA0B Ussuriysk Arr 7.71 342 P Pn 23 11 18.5 +0.5
USRK Ussuriysk Arr 7.71 342 P Pn 23 11 18.1 +0.1

USRK Ussuriysk Arr 7.71 342 Pn P 23 11 17.9 +0.1
ERM Erimo 7.91 47 Pn Pn 23 11 19.1 -0.1
MDJ Mudanjiang 8.85 332 P Pn 23 11 31.2 +1.0
ASAJ Asahikawa 9.07 35 Pn 23 11 32.1 -0.8

JKA Kankiwa-asahi 9.07 35 Pn 23 11 32.7 -0.2
CN2 Chanchung 10.21 315 eP Pmax 23 11 47.0 -0.2

YSS Yuzh-Sakhalins 11.45 26 P P 23 12 00.6 -0.3
HHC Hu-ho-hao-te 18.91 289 eP P 23 12 31.1 -0.9

XAN Xian 21.68 270 P Pmax 23 13 47.3 -1.2

XAN Xian 21.68 270 P Pmax 23 13 48.0 -0.5
ENH Enshi 22.49 260 P Pmax 23 13 55.4 -0.6

SOMN Songrio Array 23.87 306 P P 23 14 07.7 -0.6
SONTA Songrio Array 23.87 306 P P 23 14 08.2 -0.1
GTA Gaotai 27.93 286 eP Pmax 23 14 44.6 0.0

WMQ Wumqi 36.54 296 eP P 23 15 59.6 +1.1
TOLIZ Tolitoli 38.08 204 P P 23 16 12.0 +0.5

SHL Shillong 38.54 266 P P 23 16 14.7 -0.7
SHL Shillong 38.54 266 P P 23 16 15.4

FAKI Fak Fak 39.73 185 P P 23 16 25.3 +0.3
MK31 Makanchi Arr 40.05 301 P P 23 16 27.4 +0.1
MKAR Makanchi Arr 40.05 301 P P 23 16 27.1 -0.3

MKAR Makanchi Arr 40.05 301 P P 23 16 27.2 -0.1
IMAKZ Makanchi 40.05 301 P P 23 16 28.8 -0.2
KURK Kuratav 42.17 308 P P 23 16 44.1 +0.2

SRIT Naksanitarama 42.93 328 P P 23 16 49.8 -1.1
KSH Kashi 45.98 292 P P 23 17 18.9 +0.3

AAK Ala-Archa 46.23 297 P P 23 17 17.0 +0.4
BRVK Borovoye 47.09 312 P P 23 17 22.9 +0.2

KKAR Karatay Arr 48.94 298 P P 23 17 38.0 +1.1
SII Sitkinak Island 49.74 43 P P 23 17 43.1 +0.4

ARU Arti 53.20 318 P P 23 18 08.0 0.0

ABKAR Akbulak array 54.26 309 P P 23 18 15.6 -0.1
ABKAR Akbulak array 54.26 309 P P 23 18 16.0

ABKAR Akbulak array 54.26 309 P P 23 18 15.6 -0.1
WB0 Warramunga Arr 56.38 181 P P 23 18 30.4 -0.5

IDC 22 23:25:34.7,3.7,2.10S,79.08W,h146km,40km,mb3.0/3,

mb1 3.4/5, mb1mx3.2/28, mbtmp3.7/5, MS2.4/1, Ms1 2.4/1, ms1mx2.2/15, Error ellipse: s-maj=37.4km s-min=27.4km az=27.0

ISC 22:23:25:18.0, 0.8, 2.54S:0.05:79.3W:0.1, h14km, n23, z=2516/25, mb3.5/4, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like OTAV, GCUF, ATAH, etc.

GCG 23:00:00:43.9, 0.3, 13.78N:90.81W, h82km, 24km, MD3.3 SNET 23:00:00:44.0, 0.8, 13.39N:90.70W, h20km, 9km, ML3.0

ISC 23:00:00:43.4, 3.0, 13.68N:01:90.8W:0.1, h29km, n8, z=65/12, Near coast of Guatemala

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

BUI 23:00:09:34.1, 0.0, 3.50S:139.37E, h98km, mb5.3/35, mb4.8/55

IDC 23:00:09:35.8, 2.3, 3.37S:138.97E, h75km, 21km, mb3.4/15, mb1.4/5/20, mb1mx4.4/28, mbtmp4.7/20, MS3.7/25

NEIC 23:00:09:36.8, 1.4, 3.47S:109.138E, 0.09, h86km, 6km, mb4.9/74, Error ellipse: s-maj=13.9km s-min=10.9km az=46.0

DJA 23:00:09:36.2, 0.2, 3.53S:13.9E, h80km, 3km, Ms0.0/45, mb5.1/45, mb5.5/29, MLV.6/8, Mw(mb)4.9/29

GCMT 23:00:09:37.0, 0.2, 2.24S:138.93E, 0.02, h90km, 2km, MW5.183, Moment Tensor Solution, s52, c60, s83, c116; Duration: 0. Moment tensor: Scale 10^16Nm; Mr=0.69; 13; Mw=4.29; 14; Mw=4.98; 14; Mw=2.03; 09; Mw=1.44; 14; Mr=0.11; 11; Best double couple: Mc5.29500x10^16 Np1.9x214.00000, s71.00000, -1.4.00000. NP2: 0.309.00000, s77.00000, -1.160.00000. Principal axes: T=5.2300, Plg4.0000, Azm8.0000; P=-5.3600, Plg23.0000, Azm172.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 23:00:09:37.0, 0.3, 3.59S:0.04:138.83E:0.05, h100km, n249, z=1867/244, mb4.8/6, 1C-1D, Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WAMI, GENI, SRPI, BAKI, etc.

Table with columns: WBO, Iamb, Iamb, Time, Res, ISC. Lists stations like WRO, WRAB, WBE2, WRA, etc.

Table with columns: GSI, Iamb, Iamb, Time, Res, ISC. Lists stations like GSI, GSI, KSRs, KSRs, etc.

23d 1h

2015 FEB

1120

Table of astronomical observations for 23d 1h, listing stations (SONM, LBZ, RPZ, etc.), object names (SONM, QZ, etc.), coordinates, and magnitudes.

Table of astronomical observations for 2015 FEB, listing stations (BRLS, BRZ, WSAR, etc.), object names (Boroday, Berezinki, etc.), coordinates, and magnitudes.

Table of astronomical observations for 1120, listing stations (SHAP, SHAP, TVSB, etc.), object names (Saphane-Kutahy, Tavsanli, etc.), coordinates, and magnitudes.

ISK 23 00:53:10.7, 39°66'N-27°86'E, h8km, ML3, 7/36
DDA 23 00:53:11.2, 39°67'N-27°84'E, h2km, 1km, MW3,8
THE 23 00:53:11.8, 39°65'N-27°84'E, h4km, 2km, ML3,5/4, Error
ellipse: s-maj=2.8km s-min=1.1km az=79.0
SOF 23 00:53:13.0, 39°87'N-27°71'E, h9km, MD3.5
ISC 23 00:53:11.0-0.9, 39°66'N-27°84'E, h8km, 8km,
n124, c0:97/188, 7C-14D, Turkey

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

IDC 23 01:22:12.1, 5.5, 8°54'S, h150km, h150km, mb3.0/3,
mb1 3.1/7, mb1mx3.0/38, mb1tmp3.6/7, Error ellipse:
s-maj=104, 1km s-min=17.2km, az=62.0
DJA 23 01:22:13.3, 0.6, 8°S, 6.6, 11°9E, az=112.0,
MLV3,2/7
ISC 23 01:22:11.7, 0.9, 8°55'S, 0:07-1:18, 77E:0.05, h156km, n12,
c25/177, Sumbawa region

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like YASOTO, OURI, OKURA, ASHIKAGA, MATSUHISHIRO ARR, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like ALICE SPRINGS, CHITAU TOWER, AGUADILLA, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like ESPERANZA - MA, SAINT KITTS, CERRILLOS, etc.

23d 4h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARAO ARCESS Array S, BURU Burvik, FIAO FINESS Array S, etc.

TRN 23 03:43:43.0, 19:04N:64:45W, h20km, M3.5 (RSPR)
NEIC 23 03:43:44.2, 1.8, 19:13N:04:64:5W:0.1, 114km:12km,
Error ellipse: s-maj=16.9km s-min=5.0km az=95.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TBVI Tortola, CUPR Culebra, etc.

2015 FEB

Table with columns: AGPR, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AGPR Aguadilla, LSP Las Mesas, ANWB Willy Bob, etc.

1124

Table with columns: NPS, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NPS Neapolis, CHOS Chios island, STEP BALIKESIR, etc.

23d 6h

2015 FEB

1126

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA Lhasa, TAPN Tapelejung, GUN Gumba, etc.

IDC 23 06:32:02.01, 10.63N, 92.03E, h0km, mb4.0/11, mb1.4/2.13, mb1mx3.8/7.2, mbmp4.0/13, ML4.1/2, MS3.7/14, Ms1.3/6.14, ms1mx3.4/4.1, Error ellipse: s-maj=31.3km s-min=17.3km az=57.0

NEIC 23 06:32:07.7, 1.18, 10.82N, 108.92E, 0.09, h30km, 4km, mb4.5/2.25, Error ellipse: s-maj=15.6km s-min=7.4km az=135.0

IDC 23 06:32:07.5, 0.6, 10.78N, 108.92E, 0.07, h27km, n90, c1559/65, mb4.5/2.9, MS3.6/15, 1C-1D, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PBA Port Blair, DGPR DIGLIPUR, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LZH comp=N,430nm,14.5s, LZH comp=E,300nm,15.2s, GTA Goatai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JEW Eniwo, JEW Eniwo, JBT2 Biratori 2, etc.

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

ADC 23 07:45:08.9.4.5.37.17N:72.36E, h166km,28km, mb3.5/4, mb1 3.4/10, mb1mx3.0/47, mbtmp3.8/10, MS3.1/1, Ms1 3.1/1, ms1mx2.3/49, Error ellipse: s-maj=56.3km s-min=22.4km az=150.0

NEIC 23 07:45:13.3.0.8.37.54N:0.07.72E:0.1, h189km,8km, mb4.1/1, Error ellipse: s-maj=14.6km s-min=9.3km az=78.0

NNC 23 07:45:19.9.2.9.38.13N:72.36E, h226km,28km, mb2.4, mpv3.3, Error ellipse: s-maj=29.1km s-min=17.9km az=12.0

ISC 23 07:45:13.9.1.0.37.66N:0.08.72.14E:0.09, h200km, n32, c158/37, mb3.9/5.6, C-3D, Tajikistan az=12.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBL Kabul, NIL Nilore, AML Almalyashu, etc.

ADC 23 07:51:09.9.2.9.30.97S:178.84W, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.9/38, mbtmp3.9/5, ML3.1/1, Error ellipse: s-maj=60.8km s-min=35.4km az=111.0

Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H03N1 Juan Fernandez, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QBL Gabala, QBL XNQ, XNQ Khinaliq, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GBS BRD, BRDA Brd, URKR Urkarakul, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GDB GEDABAY, GDB KUNZ4, GDB XNZR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GDB XNZR, GDB QORD, GDB QRD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNNZ Tsey, ZEI Tsey, ONI Oni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BJI 23 08:00:07.0.0.0, NEIC 23 08:00:08.0.2.4, JMA 23 08:00:09.6.0.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCN Nagara, JSMT Sammumatsuo, JKUC kagawauchiur, etc.

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

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

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BJL	Beijing	19.55 291	P	Pn	08 04 35.0 +0.5
BJT	Baijiatou	19.55 290	P	P	08 04 32.7 0.0
PEAOB	Petropavlovsk	21.46 30	P	P	08 04 54.1 +1.0
PEAOB	Petropavlovsk	21.46 30	Iamb	Iamb	08 05 05.2
PETK	comp=Z,2.6nm,1.1s	21.46 30	P	P	08 04 53.2 +0.1
PETK	Petropavlovsk	21.46 30	LR	LR	08 12 35.5
PETK	comp=Z,4.4nm,21.1s,baz=229,slow=35				
PETK	Petropavlovsk	21.46 30	P	P	08 04 54.3 +1.1
WHN	Wuhan	22.26 264	P	P	08 05 05.5 +3.6
HHC	Hu-ho-hao-te	23.12 292	eP	P	08 05 12.8 +1.8
HHC			pmax	pmax	
MA2	Magadan	25.03 13	P	P	08 05 29.4 +1.3
MA2	Magadan	25.03 13	P	P	08 05 29.6 +1.5
MA2	Magadan	25.03 13	Iamb	Iamb	08 05 40.8
XAN	Xian	25.74 276	P	P	08 05 35.0 +0.1
XAN	Xian		pP	pP	08 05 41.4 -9.0
XAN	Xian		sP	sP	08 05 47.0 -1.1
XAN	Xian		pmax	pmax	
XAN	Xian	25.74 276	P	P	08 05 33.6 -1.2
ENH	Enshi	26.31 267	P	P	08 05 38.0 -2.1
YAK	Yakutsk	27.36 349	P	P	08 05 47.9 -1.2
YAK	Yakutsk	27.36 349	P	P	08 05 47.4 -1.6
IN	Ulanbatar	27.49 307	P	P	08 05 49.0 -1.6
SONM	Songino Array	27.90 307	P	P	08 05 52.4 -1.9
SONM	comp=Z,2.6nm,0.7s,baz=112,slow=9.1,SNR=20				
SONM	Songino Array	27.90 307	T	T	08 17 18.2
SONM	comp=Z,2.7nm,21.8s,baz=144,slow=37				
H1N2	WAKE ISLAND Hy 28.23 117	T	T	T	08 05 52.6 -1.7
H1N1	WAKE ISLAND Hy 28.24 117	T	T	T	08 05 27.0
H1N1	WAKE ISLAND Hy 28.23 117	T	T	T	08 05 18.7
H1N3	WAKE ISLAND Hy 28.25 117	T	T	T	08 05 58.6 -0.2
SEY	Seymchan	28.45 12	P	P	08 06 03.5
H1S3	WAKE ISLAND Hy 28.88 119	T	T	T	08 06 15.7
H1S1	WAKE ISLAND Hy 28.88 119	T	T	T	08 06 04.7
H1S2	WAKE ISLAND Hy 28.89 119	T	T	T	08 06 11.3 +3.2
LZH	Lanzhou	29.44 282	eP	P	08 06 19.3 -4.5
LZH	Lanzhou		pP	pP	08 06 23.8 -7.6
LZH	Lanzhou		sP	sP	
LZH	Lanzhou		pmax	pmax	
LZH	Lanzhou		pmax	pmax	
GYA	Guiyang	30.07 262	iP	pP	08 06 14.3 +0.6
GYA	Guiyang		pP	pP	08 06 28.4 -1.0
GYA	Guiyang		pmax	pmax	
CD2	Chengdu	30.77 272	eP	P	08 06 22.6 +2.8
KMI	Kunming	33.83 263	iP	pP	08 06 49.1 +2.3
KMI	Kunming		pP	pP	08 06 55.3 -7.4
KMI	Kunming		pmax	pmax	
TIXI	Tiksi	36.69 354	P	P	08 07 09.9 -0.6
FAKI	Fak Fak	38.97 193	P	P	08 07 29.0 -1.3
FAKI	Fak Fak		Iamb	Iamb	08 07 48.4
CMAR	Chiang Mai Arr	40.23 256	LR	LR	08 05 27.0
WMQ	Urumqi	42.27 298	eP	P	08 07 45.9 +1.2
WMQ	Urumqi		pP	pP	08 07 54.3 +6.6
WMQ	Urumqi		sP	sP	08 08 03.4 -5.0
WMQ	Urumqi		pmax	pmax	
WMQ	Urumqi		pmax	pmax	
WMQ	Urumqi		pmax	pmax	
ZAAO	Zalesovo Array	42.27 314	P	P	08 07 56.8 -0.3
ZALV	Zalesovo Beam	42.27 314	P	P	08 07 56.5 -0.7
ZALV	comp=Z,4.2nm,0.4s,baz=105,slow=7.9,SNR=21				
ZALV	Zalesovo Array	42.27 314	P	P	08 09 48.9 -0.9
ZALV	comp=Z,0.9nm,0.5s,baz=111,slow=7.2,SNR=25.5				
ZALV	Zalesovo Array	42.27 314	LR	LR	08 24 22.4
ZALV	Zalesovo Beam	42.27 314	P	P	08 07 56.6 -0.5
ZSN	Zaisan	42.34 304	eP	P	08 07 57.0 -0.9
ZSN	Zaisan		P	P	08 07 57.0 -0.9
MF31	Makanchi Array	44.15 303	P	P	08 08 12.2 -0.4
MKAR	Makanchi Array	44.15 303	P	P	08 08 11.9 -0.6
MKAR	comp=Z,4.2nm,0.7s,baz=87,slow=9.4,SNR=23				
MKAR	Makanchi Array	44.15 303	LR	LR	08 27 21.0
MKAR	comp=Z,8.4nm,18.1s,baz=67,slow=37				
MKAR	Makanchi Array	44.15 303	P	P	08 08 12.1 -0.4
MAKZ	Makanchi Array	44.15 303	P	P	08 08 13.6 -0.6
SEM	Sempalatinsk	45.14 309	eP	P	08 08 18.7 -1.9
SEM	Sempalatinsk		P	P	08 08 18.7 -1.9
KURK	Kurchatov	46.15 309	P	P	08 08 27.3 -0.9
KURB	Kurchatov Arra	46.22 309	P	P	08 08 27.9 -0.9
SHLS	Shalkode	46.73 299	eP	P	08 08 29.4 -3.7
UZH	Uzynbulak	47.05 299	eP	P	08 08 34.6 -1.0
UZH	Uzynbulak		P	P	08 08 34.6 -1.0
TTA	Tatalina	47.19 34	P	P	08 08 36.5 +0.2
KPKS	Kokpek	47.22 299	eP	P	08 08 35.6 -1.3
SATY	Saty	47.51 299	eP	P	08 08 37.8 -1.3
CHKK	Chushkaly	48.34 300	eP	P	08 08 44.2 -1.2
MDOK	Medeo	48.45 299	eP	P	08 08 45.5 -1.0
OHAK	Old Harbor	48.49 42	P	P	08 08 47.0 +0.7
AAA	Alma-Ata	48.54 299	eP	P	08 08 45.9 -1.1
KUU	Kurty	48.79 300	eP	P	08 08 47.5 -1.4
KDKA	Kodiak Island	48.84 41	P	P	08 08 49.7 +0.8
KDKA	Kodiak Island		Iamb	Iamb	08 08 58.0
PPLA	Purkypyle	48.94 34	P	P	08 08 52.0 +2.2
SKT	Skwentina	49.24 35	P	P	08 08 53.4 +1.4
SKT	Skwentina		Iamb	Iamb	08 08 55.0
COEN	Coen	49.28 176	P	P	08 08 53.2 +0.4
COEN	Coen		Iamb	Iamb	08 09 08.9
CNPM	China Pool	49.45 39	P	P	08 08 54.8 +1.1
BPWW	Bear Paw Mtn.	49.49 33	P	P	08 08 54.4 +0.6
BPWW	Bear Paw Mtn.		Iamb	Iamb	08 08 56.4
SUA	Susitna One	49.62 36	P	P	08 08 55.9 +0.9
TRF	Thorfare Moun	49.80 33	P	P	08 08 55.2 -1.3
TRF	Thorfare Moun		Iamb	Iamb	08 09 03.8
BRZS	Berezinski	50.02 309	eP	P	08 08 56.7 -1.4
BTLS	Baital	50.12 302	eP	P	08 08 57.4 -1.6
O22K	Cooper Landing	50.16 37	P	P	08 09 00.7 +1.7
KSH	Kashi	50.19 295	P	P	08 09 07.3 +7.6
KSH	Kashi		pmax	pmax	
KSH	Kashi		pmax	pmax	
I23K	Minto, Yukon-K	50.21 31	P	P	08 09 00.9 +1.7
I23K	Minto, Yukon-K		Iamb	Iamb	08 09 28.7
TOLK	Toolik Lake Re	50.24 27	P	P	08 09 01.3 +1.8
TOLK	Toolik Lake Re		Iamb	Iamb	08 09 19.3
SEW	Seward	50.32 38	P	P	08 09 00.9 +0.7
PMR	Palmer	50.39 36	P	P	08 09 00.2 -0.4
PMR	Palmer		Iamb	Iamb	08 09 14.1
AAK	Ala-Archa	50.40 299	P	P	08 09 01.3 -0.1
AAK	Ala-Archa		Iamb	Iamb	08 09 15.4 +0.2

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RND	Reindeer	50.45 33	P	P	08 09 02.3 +1.0
RND	Reindeer		Iamb	Iamb	08 09 30.4
MRH	Murphy Dome	50.69 31	P	P	08 09 04.9 +2.0
WDW	Wood River Hill	50.76 32	P	P	08 09 05.1 +1.7
WPH	Wood River Hill		Iamb	Iamb	08 09 26.0
SML	Sawmill	50.76 36	P	P	08 09 03.7 +0.1
CCB	Clear Creek Bu	50.88 32	P	P	08 09 06.0 +1.7
BVAR	Borovoye Array	50.91 313	P	P	08 09 04.8 0.0
BVAR	Borovoye Array		Iamb	Iamb	08 09 04.8 0.0
BRVK	Borovoye	50.97 313	P	P	08 09 05.6 +0.4
BRVK	Borovoye		Iamb	Iamb	08 09 22.0
POKR	Polat Res	51.02 31	P	P	08 09 06.0 +0.6
HDA	Harding Lake	51.25 32	P	P	08 09 07.7 +0.6
HDA	Harding Lake		Iamb	Iamb	08 09 27.2
IL3R	Eielson Array	51.27 32	P	P	08 09 06.8 -0.4
IL3R	Eielson Array		Iamb	Iamb	08 09 07.5 +0.2
ILAR	Eielson Array	51.27 32	P	P	08 09 06.3 -1.0
BMAR	Burnt Mountain	52.10 28	P	P	08 09 15.0 +1.5
DZA	Taraz	52.58 300	eP	P	08 09 16.6 -0.8
BZAO	Beaver Creek A	53.66 34	P	P	08 09 26.4 +1.3
FITZ	Fitzroy Crossi	55.10 197	P	P	08 09 35.4 -0.5
EPYK	Eagle Plains	55.30 29	P	P	08 09 38.4 +1.6
WRA	Warramunga Arr	55.45 187	P	P	08 09 37.2 -1.2
WRA	Warramunga Arr		Iamb	Iamb	08 09 44.6
HYT	Haines Junctio	56.06 36	P	P	08 09 44.8 +2.3
INK	Inuvik	56.15 27	P	P	08 09 43.4 +0.6
INK	Inuvik		Iamb	Iamb	08 09 43.7 +0.9
INK	Inuvik		Iamb	Iamb	08 10 07.6
ARU	Arti	56.88 319	P	P	08 09 47.7 -0.5
ARU	Arti		Iamb	Iamb	08 09 58.6 +0.9
ABKAR	Akbulak array	58.21 311	P	P	08 10 17.0
ABKAR	Akbulak array		Iamb	Iamb	08 10 17.0
AKTO	Alice Springs	59.00 312	LR	LR	08 38 50.1
AS31	Alice Springs	59.17 187	P	P	08 10 04.0 -0.6
AS31	Alice Springs		Iamb	Iamb	08 10 08.8
ASAR	Alice Springs	59.17 187	P	P	08 10 03.6 -1.0
ASAR	Alice Springs		Iamb	Iamb	08 10 03.7 -0.8
C36M	Paulatuk	59.19 24	P	P	08 10 04.2 +0.1
C36M	Paulatuk		Iamb	Iamb	08 10 18.2
PSA00	Pilbara Seismi	59.99 202	P	P	08 10 09.3 -0.9
KIRV	Kirov	60.90 323	P	P	08 10 15.5 -0.5
SPA0	Spitsbergen Ar	61.82 349	P	P	08 10 23.5 +1.5
SPTS	Spitsbergen Ar	61.82 349	P	P	08 10 21.5 -0.5
SPTS	Spitsbergen Ar		LR	LR	08 37 28.8
DZM	Mont Dzacac	62.42 153	P	P	08 10 26.4 -0.3
GEYT	Alibeck	63.76 299	LR	LR	08 38 32.6
ARCES	ARCES Array B	65.08 339	P	P	08 10 43.1 -0.6
ARCES	ARCES Array B		Iamb	Iamb	08 10 44.3 +0.7
YKA	Yellowknife Ar	65.58 29	P	P	08 10 46.8 -0.1
FORK	Forrest	66.94 191	P	P	08 10 55.7 -0.2
STKA	Stens Creek	67.02 179	P	P	08 10 56.1 -0.5
STKA	Stens Creek		LR	LR	08 41 30.1
DAG	Denmark Havn	67.20 355	P	P	08 10 57.0 0.0
DAG	Denmark Havn		Iamb	Iamb	08 10 57.1 0.0
NLWA	Neilton Looko	68.42 47	P	P	08 11 06.7 +1.4
FINES	FINES Array B	69.72 332	P	P	08 11 11.6 -1.3
FINES	FINES Array B		Iamb	Iamb	08 11 12.8 -0.1
B08A	Colville Reser	70.56 44	P	P	08 11 19.6 +1.2
B08A	Colville Reser		Iamb	Iamb	08 11 20.7
KBZ	Khabaz	71.18 311	P	P	08 11 21.3 -0.9
C09A	Chrisman Ranch	71.46 44	P	P	08 11 25.2 +1.3
C09A	Chrisman Ranch		Iamb	Iamb	08 11 25.8
D08A	Wollman Farm,	71.49 45	P	P	08 11 25.1 +1.1
D08A	Wollman Farm,		Iamb	Iamb	08 11 26.1
F07A	Phinny Hill Vi	71.52 47	P	P	08 11 24.4 +0.1
F07A	Phinny Hill Vi		Iamb	Iamb	08 11 26.8
NEW	Newport	71.86 43	P	P	08 11 26.1 -0.2
NEW	Newport		Iamb	Iamb	08 11 28.3
GNI	Garni	71.86 307	LR	LR	08 43 57.4
SUMG	Summit	72.19 360	P	P	08 11 27.1 -0.5
PINE	Pine Mountain	72.03 49	P	P	08 11 30.5
PINE	Pine Mountain		Iamb	Iamb	08 11 30.5
SUMG	Summit	72.19 360	P	P	08 11 29.0 +0.7
E09A	Wood Farm, Sta	72.23 45	P	P	08 11 29.3 +0.8
E09A	Wood Farm, Sta		Iamb	Iamb	08 11 30.8
K05A	Summer Lake	72.62 50	P	P	08 11 33.1 +2.0
K05A	Summer Lake		Iamb	Iamb	08 11 34.2
F10A	Beach Ranch, E	73.06 45	P	P	08 11 35.2 +1.6
WALA	Waterton Lakes	73.18 41	P	P	08 11 34.9 +0.7
WALA	Waterton Lakes		Iamb	Iamb	08 12 01.5
BMO	Blue Mountains	73.64 46	P	P	08 11 38.2 +1.2
BMO	Blue Mountains		Iamb	Iamb	08 11 39.3
JTMT	Jette	73.73 43	P	P	08 11 38.6 +1.0
J08A	Circle Bar Ran	73.77 48	P	P	08 11 39.5 +1.7
J08A	Circle Bar Ran		Iamb	Iamb	08 11 40.4
BEKR	Beckworth	74.51 52	P	P	08 11 43.5 +1.3
BEKR	Beckworth		Iamb	Iamb	08 11 44.4
AKASG	Main Array Be	74.92 322	P	P	08 11 43.1 -1.1
AKASG	Main Array Be		LR	LR	08 46 21.1
AKBB	Main Array Si	74.92 322	P	P	08 11 43.4 -0.8
AKBB	Main Array Si		Iamb	Iamb	08 12 03.3
HFS	Hagfors	75.08 335	P	P	08 11 43.7 -1.2
NB2	NORSAR Subarra	75.22 337	P	P	08 11 43.9 -1.

23d 8h

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like YUCH, HEHUAN SHAN, XIULIN TOWNSHI, etc.

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Table with columns for call sign, frequency, mode, and other parameters. Includes stations like ISHIGAKI JIMA, ISHIGAKIJIMAHI, TARAMA, etc.

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Table with columns for call sign, frequency, mode, and other parameters. Includes stations like QUSAR, HEYDERABAD, HEYDERABAD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BRZS Bereznioki, IUG luzhny, INK Inuvik, etc.

DDA 23 09:12:08 7.39:35N-29:00E, h7km, 4km, ML2.2
ISK 23 09:12:09 4.39:31N-29:00E, h6km, ML2.5/12
ISC 23 09:12:09 3.11:39.34N-03:09:20E, 0.03, h9km, gkm, n22, e0568/36, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SIMA Simav-Kutahya, SHAP Saphane-Kutahya, USAK Uak-Merkez, etc.

KRNET 23 09:25:37.3:0.1, 38.68N, 69.67E, mb3.2
NCC 23 09:25:43.4:3.6, 38.98N, 69.49E, h0km, mb3.7, mpv3.5
Error ellipse: s-maj=39.2km s-min=24.3km az=70.0
ISC 23 09:25:40.0:2.7, 38.58N, 02:69.69E, 0.09, h12km, n15, e1829/24, 18C-2D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BTK Batken, DRK Karamyk, OHH Osh, etc.

IDC 23 10:11:16.9:7.3, 21.35S, 178.00W, h346km, 66km, mb2.9/3,
mb1 3.2/4, mb1mx2.9/3/4, mbmtpp3.8/4, Error ellipse:
s-maj=49.0km s-min=30.2km az=70.0
ISC 23 10:11:21.9:2.0, 21.45S, 02:177.90E, 0.4, h42km, n6,

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, ASAR Alice Springs, etc.

SOME 23 10:12:25.4, 43:70N-69:67E
NCC 23 10:12:27.5:1.6, 43:67N-69:71E, h0km, mb3.8, mpv3.3,
Error ellipse: s-maj=11.8km s-min=5.2km az=128.0,
Suspected Mining explosion.
KRNET 23 10:12:29.5:0.1, 43:78N-69:61E, mb3.2
ISC 23 10:12:30.0:2.1, 43.61N, 007:69.73E, 0.09, h0km, n22,
e1903/35, 15C-11D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BRLS Boroday, BRLS 39nm,0.2s, KK31 Karatay Array, etc.

IDC 23 10:24:05.5:2.5, 10:50N-91:80E, h0km, mb3.7/4,
mb1 3.8/5, mb1mx3.5/4/3, mbmtpp3.6/5, ML4.2/1, MS3.3/3,
Mb1 3.3/3, ms1mx2.9/3/9, Error ellipse: s-maj=68.7km
s-min=31.7km az=62.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Pallekele, LEMI Lembang, etc.

WEL 23 10:25:00.36:52S, 177:27E, h5km, ML4.7, Mw5.1,
Moment Tensor Solution. s13 Moment tensor: Scale
10^16Nm; Mr=4.08; Mw=1.80; Mq=2.28; Mo=0.99; Mv=1.85;
Mw=1.27; Fault plane solution: M4.30000x10^16 NP1:
phi=42.00000, lambda=88.00000. NP2: phi=220.00000,
delta=50.00000, lambda=91.00000. Principal axes: T 4213.68000,
Pg111.00000, Azm311.00000; N 176.59000, P1g11.00000,
Azm220.00000; P -4390.27000, P1g79.00000,
Azm126.00000

NEIC 23 10:25:04.4:2.3, 36:49S-0:07:177:35E, 0:10, h10km, 1km
Error ellipse: s-maj=15.2km s-min=9.0km az=51.0
BUJ 23 10:25:05.0:0.0, 36:33S-177:46E, h8km, mb5.6/4,
mb5 1/18, Ms5.2/3, Ms7.4/3

WEL 23 10:25:06.2:37 S5:5-177E:1, h25km, 6km, ML4.7/61,
ML4.9/61, ML4.7/61, Error ellipse: s-maj=0.0km
s-min=0.0km az=5.5
NEIC 23 10:25:07.1, 36:60S-177:13E, h5km, Moment Tensor
Solution. Moment tensor: Scale 10^16Nm; Mr=2.78;
Mw=1.25; Mw=1.53; Mw=0.26; Mw=0.98; Mw=0.34; Fault
plane solution: M2.64000x10^16 NP1: phi=213.61000,
delta=50.00000, lambda=100.19000. NP2: phi=48.24000,
delta=44.40000, lambda=79.44000. Principal axes: T 2.3778, P1g1.00000,
Azm311.00000; N 0.4558, P1g7.00000, Azm21.00000; P
-2.6336, P1g63.00000, Azm49.00000

IDC 23 10:25:08.7:6.0, 36:66S-177:47E, h33km-42km, mb4.5/14,
mb1 4.6/16, mb1mx4.4/3/2, mbmtpp4.6/16, ML4.1/2, Ms2.2/19,
Ms1.4/2/19, ms1mx4.1/2/3 Error ellipse: s-maj=32.9km
s-min=14.9km az=57.0
GCMT 23 10:25:09.2:0.2, 36:45S-0:01:177:41E, 0:01, h12km,
MW5.1/10, Moment Tensor Solution. s75:c107;
s130:c269; Duration: 0 Moment tensor: Scale 10^16Nm;
Mr=5.2+15; Mw=2.14; Mw=3.12+1; Mw=0.83+29;
Mw=2.86+07; Mw=0.58+28; Best double couple:
Ms5.49100x10^16 NP1: phi=37.00000, delta=0.00000,
lambda=95.00000. NP2: phi=223.00000, delta=0.00000,
lambda=96.00000. Principal axes: T 5.62000, P1g5.00000,
Azm310.00000; N -0.25800, P1g3.00000, Azm41.00000; P
-5.36200, P1g64.00000, Azm160.00000, nsta1 refers to
body waves, cutoff=40s, nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

NEIC 23 10:25:10.36:59S-177:11E, h12km, Moment Tensor
Solution. Moment tensor: Scale 10^16Nm; Mr=5.62;
Mw=2.26; Mw=3.36; Mw=0.56; Mw=2.34; Mw=4.73; Fault
plane solution: M7.22000x10^16 NP1: phi=51.00000, delta=828.00000,
lambda=61.00000. NP2: phi=199.00000, delta=666.00000,
lambda=104.00000. Principal axes: T 6.6694, P1g20.00000,
Azm300.00000; N 0.9981, P1g13.00000, Azm216.00000; P
-7.6675, P1g66.00000, Azm484.00000

NOU 23 10:25:11.0, 36:96S-177:31E, h15km, mb4.8, Off E. Coast
of N. Island, N.Z.

ISC 23 10:25:06.2:1.5, 36:63S-0:04:177:24E, 0:04, h11km, 8km,
n306, 1:19/298, mb5.0/37, MS4.3/22, 3C, Off east coast
of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WSRZ White Island S, WIZ White Island, MYRZ Mayor Island, etc.

com=2.9, 3m, 18.5s, baz=22, SNR=8.4
URZ Urewera 1.63 154 S Pn 10 25 33.9 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like URZ Urewera, URZ Puketiti, URZ Taunareparea, etc.

com=2.9, 3m, 18.5s, baz=22, SNR=8.4
URZ Urewera 1.63 154 S Pn 10 25 33.9 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like URZ Urewera, URZ Puketiti, URZ Taunareparea, etc.

com=2.9, 3m, 18.5s, baz=22, SNR=8.4
URZ Urewera 1.63 154 S Pn 10 25 33.9 +0.3

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

com=2.9, 3m, 18.5s, baz=22, SNR=8.4
URZ Urewera 1.63 154 S Pn 10 25 33.9 +0.3

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OUZ Omahuta, MHEZ Mangahewa, PNHZ Pukenui, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LZH comp=Z,15nm,1.2s, LZH comp=Z,70nm,4.9s, YKA comp=Z,0.2nm,0.9s, etc.

SOME 23 10:25:48.0, 41:48N-76:12E, h5km
KRNET 23 10:25:48.4, 0.1, 41:44N-76:10E, h19km, mb3.0
NINC 23 10:25:49.1, 0.7, 41:45N-76:08E, h0km, mb3.9, mpv3.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like ULHL Ulahol, ULHL Ulahol, ULHL Ulahol, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EDDO, RIOS, Palmar Norte, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATCC, AVT-Casa Cast, Frontone, etc.

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

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

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

23d 14h

Table with columns: MDOK, station name, frequency, and signal strength. Includes stations like MDOK 56nm,0.6s, MDOK 315nm,0.5s, KOTS 434nm,0.5s, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like USP 90nm,0.8s, AML 90nm,0.8s, AML Almayashu, etc.

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Table with columns: LWLI, station name, frequency, and signal strength. Includes stations like LWLI KLSI, LWLI KLSI, LWLI KLSI, etc.

23d 16h

Table with columns for location, score, and performance metrics. Includes entries like Danmarks Havn, Kangerlussuaq, and Aktyubinsk.

2015 FEB

Table with columns for location, score, and performance metrics. Includes entries like Karatay Array, Karatay Array, and Karatay Array.

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Table with columns for location, score, and performance metrics. Includes entries like Dayton Farm, Mineral, and Moraine State.

23d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MUGZ Murupara, RTZ Ruatahuna, KNZ Koroheke, etc.

MOS 23 18:06:14.4+0.0, 43.74N, 41.19E, h1km, ML2.7/8, MPVA3.8

NORS 23 18:06:20.0+0.0, 43.69N, 41.57E, h1km, MPVA3.5

ISC 23 18:06:14.8+1.0, 43.75N, 0.03+1.0, 20E:0.02, h8km, 10km, n27, c094/52, Western Caucasus

Main station list for 23d 19h, including ARXR Arkhyz, AHMR Akhmetovskaya, RPOK Krasnaya Polyta, etc.

ISC 23 18:17:36.9+1.1, 27.73N, 100.31E, h0km, mb3.4/5, mb1 3.5/5, mb1mx3.3/3.8, mbtmp3.4/5, Error ellipse: s-maj=45.8km s-min=17.8km az=72.0

ISC 23 18:17:38.3+1.1, 27.65N, 0.09+1.0, 20E:0.3, h10km, n9, c0589/8, mb3.4/4, Yunnan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CM34 Chiang Mai Arr, CM33 Chiang Mai Arr, etc.

TRN 23 18:22:33.2, 10.84N, 62.59W, h51km, MD3.4

FUNY 23 18:22:33.7, 10.73N, 62.41W, h22km, MW3.2

ISC 23 18:22:31.6+1.0, 10.77N, 0.04+62.49W, 0.04, h99km, 13km, n21, c140/33, ID, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRUV Carupano, TRN Trinidad (W), etc.

2015 FEB

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BIRV Las Mercedes, MERV Luepa, etc.

ISC 23 18:28:11.9+0.8, 59.94S, 26.55W, h0km, mb4.3/8, mb1 4.5/9, mb1mx4.3/25, mbtmp4.4/9, ML4.9/1, MS4.0/13, Ms1 4.0/13, ms1mx3.9/24, Error ellipse: s-maj=30.5km s-min=20.3km az=15.0

NEIC 23 18:28:21.0+1.4, 60.0S, 0.1+26.3W, 0.2, h72km, 7km, mb4.7/24, Error ellipse: s-maj=23.0km s-min=14.1km az=216.0

ISC 23 18:28:15.8+0.5, 59.9S, 0.1+26.4W, 0.1, h26km, n59, c078/51, mb4.6/14, MS3.9/11, South Sandwich Islands region

Main station list for 2015 FEB, including HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

TOAD Torodi Arr. Sea 76.24 28 P

TORD Torodi Arr. Bee 76.24 28 P

ASAR Alice Springs 95.18 162 P

ASAR Alice Springs 95.18 162 P

FINES FINESSE Arr B 127.59 29 PKP

KSH Kashi 128.11 77 PKP

ARCS ARCESS Array B 134.36 23 PKP

ZALV Zalesovo Beam 143.56 68 PKP

INK Inuvik 148.99 316 PKP

SONMI Songino Array 150.33 93 PKP

KODAK Kodiak Island 152.72 289 PKP

ILAR Eielson Array 152.87 306 PKP

ILAR Eielson Array 152.87 306 PKP

JMA 23 19:05:12.0+1.1, 27.84N, 139.84E, h548km, M4.1

NEIC 23 19:05:14.1+1.4, 27.85N, 0.10+139.5E, 0.1, h506km, 3km, mb4.2/70, Error ellipse: s-maj=15.7km s-min=13.1km az=125.0

ISC 23 19:05:15.0+0.9, 27.88N, 139.49E, h517km, 9km, mb3.3/26, mb1 3.5/3, mb1mx3.3/75, mbtmp4.3/33, Error ellipse: s-maj=11.6km s-min=10.3km az=105.0

ISC 23 19:05:14.2+0.4, 27.89N, 0.06+139.49E, 0.06, h507km, n208, c1904/216, mb4.2/93, PD, Bonin Islands region

1148

Main station list for 1148, including JCJ 75nm, 0.3s, baz=0.5, slow=14, SNR=50, JHH2 Haha-jima-NKT2, etc.

23d 20h

Table with 4 columns: Station Name, Time, Res, and other parameters. Includes stations like MKAR, ZALV, etc.

THE 23 19:17:13.7, 35.93N, 22.37E, h0km, 2km, ML3.3/6, Error ellipse: s-maj=2.7km s-min=0.7km az=210.0

ATH 23 19:17:14.0, 35.92N, 22.37E, h11km, 2km, ML3.4/8, Error ellipse: s-maj=3.2km s-min=0.8km az=52.0

ISC 23 19:17:14.1, 1.9, 35.91N, 0.05, 22.38E, 0.05, h13km, 12km, n40, c1502/52, mb4.07, Central Mediterranean Sea

Main table for 23d 20h section, listing station names, codes, and seismic data. Includes stations like KTHA, ANKY, VLI, etc.

OTT 23 19:45:5.0, 2.72°06'N, 75.21°W, h18km, MN3.7/7, 118km southeast from Pond Inlet, Nu Baffin Island

ISC 23 19:49:43.2, 0.7, 71.89N, 0.05, 75.24W, 0.05, h32km, n21, c251/34, Baffin Island region

Continuation of the main table for 23d 20h section, listing station names, codes, and seismic data. Includes stations like CLRN, TULEG, etc.

2015 FEB

Table for 2015 FEB section, listing station names, codes, and seismic data. Includes stations like NUUG, ILULI, FRB, etc.

ASRS 23 19:24:54.2, 0.4, 49°N, 2°9'E, h5km, MLh3.5/14, smi:org.gfz-potsdam.de/geofon/LOCAS2 earthModellID

Main table for 2015 FEB section, listing station names, codes, and seismic data. Includes stations like KNGR, KZLR, TDJR, etc.

IDC 23 19:52:16.3, 2.7, 9.41S, 120.86E, h0km, mb3.3/1, mb1 3.8/3, mb1mx3.4/23, mbtmp3.6/3, ML3.5/2, Error ellipse: s-maj=274.2km s-min=28.7km az=52.0, Sumba

Table for IDC 23 section, listing station names, codes, and seismic data. Includes stations like WRA, ASAR, etc.

JMA 23 20:03:25.9, 0.1, 23.74N, 121.48E, h22km, 2km, M3.6, TAP 23 20:03:26.8, 23.78N, 121.42E, h24km, ML4.2, B

IDC 23 20:03:29.6, 3.2, 23.69N, 121.74E, h48km, 35km, mb3.4/7, mb1 3.7/8, mb1mx3.3/46, mbtmp3.9/8, ML4.1/1, Error ellipse: s-maj=21.5km s-min=18.3km az=61.0

ISC 23 20:03:27.0, 0.7, 23.75N, 0.01, 121.47E, 0.02, h23km, 4km, n183, c0897/307, mb3.6/7, 16C-25D, Taiwan

Main table for IDC 23 section, listing station names, codes, and seismic data. Includes stations like ESL, EGHF, etc.

1150

Main table for 1150 section, listing station names, codes, and seismic data. Includes stations like ETLH, SSSL, FUSS, etc.

1151 2015 FEB 23d 20h

TWC	Suao	0.92	22	eP	Pb	20 03 43.2	-1.0
TWC	Sanguang			eS	Sn	20 03 57.5	+0.4
NSK	baz=26			eS	Sn	20 03 44.0	-0.4
NSK	baz=357	0.92	354	P	Pb	20 03 55.7	-0.6
NSY	Sanyi			eP	Pn	20 03 45.0	+0.4
NSY	baz=318			eS	Sn	20 03 58.2	+1.0
WTP	Ta-pu	0.94	237	↑P	Pn	20 03 44.6	-0.1
WTP	baz=234			eS	Sn	20 03 57.5	0.0
CHN2	Minshiang	0.94	257	eP	Pn	20 03 44.7	-0.1
CHN2	baz=255			eS	Sn	20 03 57.7	+0.2
WDJ	Dajia District	0.96	308	↓P	Pb	20 03 45.5	+0.5
WDJ	baz=321			eS	Sn	20 03 58.9	+0.8
NSTT	Nanjuang	0.97	334	eP	Pb	20 03 45.3	+0.1
NSTT	baz=343			eS	Sb	20 03 57.4	-0.2
TWE	Neicheng	0.98	11	eP	Pn	20 03 44.1	-1.2
TWE	baz=25			eS	Sb	20 03 56.6	-1.1
LI0B	Emei	0.98	335	↓P	Pb	20 03 45.5	+0.2
LI0B	baz=338			eS	Sb	20 03 57.9	0.0
CHY	Chiayi	0.99	255	eP	Pb	20 03 45.4	-0.1
CHY	baz=253			eS	Sn	20 03 59.2	+0.4
WTK	Tuku	0.99	266	eP	Pn	20 03 45.3	-0.2
WTK	baz=253			eS	Sn	20 03 59.5	+0.6
NMLH	Miaoli	1.00	322	eP	Pb	20 03 46.3	+0.7
NMLH	baz=324			eS	Sn	20 04 00.4	+1.4
TWG	Pinlang	1.00	202	eP	Pn	20 03 43.3	-2.3
TWG	baz=185			eS	Sn	20 03 59.9	+0.9
TWGBT	Beinan	1.00	201	eP	Pn	20 03 43.2	-2.4
TWGBT	baz=185			eS	Sn	20 03 58.8	-0.2
WRL	Guolierlin Hig	1.01	279	eP	Pn	20 03 45.5	-0.2
WRL	baz=278			eS	Sn	20 03 59.8	+0.5
NWLTL	Wulai	1.02	2	eP	Pb	20 03 46.0	0.0
NWLTL	baz=13			eS	Sb	20 03 58.6	-0.3
TWK	Hsiinying	1.02	242	↑P	Pn	20 03 46.0	0.0
TWK	baz=238			eS	Sn	20 04 00.0	+0.3
RLNB	Erin	1.03	278	eP	Pn	20 03 45.7	-0.2
CHN1	Nanshi	1.03	237	P	Pb	20 03 46.5	+0.2
CHN1	baz=234			eS	Sn	20 04 00.4	+0.5
NJD	Zhudong	1.04	340	eP	Pn	20 03 46.7	+0.5
NJD	baz=343			eS	Sn	20 04 00.9	+0.9
TTN	Taitung	1.04	197	eP	Pn	20 03 45.3	-0.9
SNST	Tainan City	1.04	239	eP	Pb	20 03 46.6	+0.3
SNST	baz=236			eS	Sn	20 04 00.6	+0.5
SGST	Jiashian	1.05	231	P	Pn	20 03 46.1	-0.3
SGST	baz=227			eS	Sn	20 04 00.6	+0.1
SLGT	Liugui	1.07	225	eP	Pb	20 03 46.9	+0.1
SLGT	baz=221			eS	Sn	20 04 01.1	+0.3
NJN	Zhunanz	1.07	329	eP	Pb	20 03 46.9	0.0
NJN	baz=332			eS	Sn	20 04 01.7	+0.8
LDUT	Ludao	1.08	180	eP	Pn	20 03 44.6	-2.1
HSN1	Hsinchu	1.10	338	eP	Pb	20 03 48.0	+0.7
HSN1	baz=341			eS	Sb	20 04 02.5	+1.2
SBCB	Hsinchu	1.12	337	eP	Pb	20 03 48.1	+0.3
SBCB	baz=324			eS	Sb	20 04 03.0	+1.0
HSN	Hsinchu	1.14	336	eP	Pb	20 03 48.4	+0.4
HSN	baz=327			eS	Sn	20 04 04.5	+2.1
NTC	Toucheng	1.14	17	eP	Pn	20 03 47.5	-0.1
NTC	baz=19			eS	Sn	20 04 02.4	-0.2
WMLT	Mailiao	1.14	273	eP	Pn	20 03 47.6	0.0
WSF	Zhu	1.15	264	eP	Pn	20 03 47.5	-0.1
WSF	baz=263			eS	Sn	20 04 03.6	+0.9
ICHU	Yijhu	1.16	251	eP	Pb	20 03 48.5	+0.1
ICHU	baz=248			eS	Sb	20 04 03.9	+0.9
NHHD	Xindian Distri	1.20	2	eP	Pn	20 03 48.6	+0.1
NHHD	baz=18			eS	Sn	20 04 03.7	-0.4
TATO	Taipei	1.22	1	eP	Pn	20 03 48.9	+0.3
TATO	baz=16			eS	Sb	20 04 05.0	+0.4
CHN3	Shinhua	1.22	237	eP	Pb	20 03 50.1	+0.8
CHN3	baz=233			eS	Sb	20 04 08.4	+3.7
CHN8	Yiju	1.23	251	eP	Pb	20 03 48.9	-0.6
CHN8	baz=249			eS	Sb	20 04 05.6	+0.8
TWA	Mucha	1.23	5	eP	Pn	20 03 48.8	0.0
TWA	baz=19			eS	Pb	20 04 06.0	+1.1
NCU	Zhongli	1.24	348	eP	Pb	20 03 50.0	+0.3
NCU	baz=350			eS	Sb	20 04 07.6	+2.4
BACT	New Taipei Cit	1.24	359	eP	Pn	20 03 49.2	+0.3
BACT	baz=13			eS	Sb	20 04 06.4	+1.2
NCU	National Centr	1.24	348	eP	Pb	20 03 49.7	0.0
NCU	baz=351			eS	Pb	20 04 08.1	+2.9
ECL	Taimali	1.25	203	eP	Pn	20 03 48.3	-0.7
ECL	baz=185			eS	Sn	20 04 03.8	-1.3
SCST	Cishan	1.25	226	eP	Pb	20 03 51.3	+1.5
SCST	baz=223			eS	Sb	20 04 08.7	+3.3
NTY	Taoyuan	1.25	353	eP	Pb	20 03 50.0	+0.2
NTY	baz=359			eS	Sb	20 04 05.9	+0.3

TIPB	Shuangxi	1.25	15	eP	Pn	20 03 48.8	-0.4
TIPB	baz=17			eS	Sn	20 04 04.1	-1.3
SSD	Sandimen	1.27	218	eP	Pb	20 03 49.6	-0.5
SSD	baz=224			eS	Sb	20 04 07.2	+1.2
TAP	Taipei	1.28	1	eP	Pb	20 03 51.0	+0.6
TAP	baz=17			eS	Pb	20 03 06.4	0.0
TAP1	Taipei	1.28	2	eP	Pb	20 03 51.0	+0.6
TAP1	baz=17			eS	Sb	20 04 06.4	0.0
TSMG	Majia	1.29	216	eP	Pb	20 03 50.6	0.0
TSMG	baz=223			eS	Sb	20 04 08.8	+2.1
SCLT	Jiali	1.31	244	eP	Pb	20 03 50.3	-0.5
SCLT	baz=241			eS	Sb	20 04 08.2	+1.1
TWB1	Santiao Chiao	1.33	21	eP	Pb	20 03 50.8	-0.5
TWB1	baz=23			eS	Sb	20 04 09.2	+1.2
TWB1	baz=23			eS	Pb	20 03 52.6	+1.3
TWB1	baz=236			eS	Sb	20 04 10.4	+2.3
NWF	Wu-fen Shan	1.34	12	eP	Pn	20 03 50.4	0.0
NWF	baz=25			eS	Sn	20 04 06.8	-0.8
TWS1	Kuangyinshan	1.34	358	eP	Pb	20 03 51.1	-0.3
TWS1	baz=12			eS	Sb	20 04 09.4	+1.2
WFSB	Wulun Shan	1.34	12	eP	Pn	20 03 50.5	+0.2
WFSB	baz=25			eS	Sb	20 04 08.9	+0.7
SGLT	Jiouru	1.36	222	eP	Pb	20 03 53.5	+1.7
SGLT	baz=203			eP	Pb	20 03 50.9	+0.1
MASB7	Mashibulo	1.37	214	eP	Pn	20 03 50.1	-0.9
MASB7	baz=204			eP	Pn	20 04 09.1	+0.4
YM01	YM01	1.39	4	eP	Pn	20 03 50.6	-0.3
YM01	baz=19			eS	Sn	20 03 50.6	-0.5
YM04	YM04	1.40	2	eP	Pn	20 03 50.6	-0.3
YM04	baz=22			eS	Sn	20 03 51.7	-0.7
YM10	YM10	1.40	3	eP	Pn	20 03 51.7	-0.7
YM10	baz=26			eS	Pb	20 03 51.8	-0.7
TSPT	Pingtung City	1.40	220	eP	Pb	20 03 51.7	-0.7
TSPT	baz=216			eS	Sb	20 03 51.8	-0.7
NTST	Danshui	1.40	359	eP	Pb	20 03 51.8	-0.7
NTST	baz=23			eP	Pb	20 03 50.6	-0.7
YM05	YM05	1.41	4	eP	Pn	20 04 08.8	-0.4
YM05	baz=19			eS	Sn	20 03 51.3	-0.1
YM11	YM11	1.41	4	eP	Pn	20 04 11.1	+0.9
YM11	baz=19			eS	Sb	20 03 51.1	-0.3
TNOU	National Taiwa	1.42	11	eP	Pn	20 04 10.9	+0.5
TNOU	baz=27			eS	Pb	20 03 51.5	0.0
YM03	YM03	1.42	3	eP	Pn	20 03 51.0	-0.6
YM03	baz=25			eP	Pn	20 03 50.6	-1.0
ANP	Anpu	1.43	2	eP	Pn	20 03 53.3	+0.2
ANP	baz=25			eP	Pb	20 03 54.5	+0.2
YM08	YM08	1.43	4	eP	Pn	20 03 53.3	+0.2
YM08	baz=10			eP	Pb	20 03 53.3	+0.2
SNJT	Kaohsiung City	1.44	227	eP	Pb	20 03 54.5	+0.2
SNJT	baz=216			eP	Pb	20 03 53.1	+0.4
SSPT	Xinbi	1.51	213	eP	Pb	20 04 11.3	-0.5
SSPT	baz=202			eS	Sn	20 03 51.9	-0.9
JYNG	Yonagunijimaku	1.52	62	P	Pn	20 03 51.9	-0.9
JYNG	baz=26			eS	Pn	20 03 53.9	+0.3
YOJ	Yonguni jima	1.57	63	eP	Pn	20 04 12.6	-0.6
YOJ	baz=68			eS	Sn	20 03 54.1	+0.6
YOJ	baz=65			eS	Sn	20 04 13.1	-0.1
YOJ	baz=205			eP	Pn	20 03 54.2	+0.6
SCZT	Fangliu	1.58	210	eP	Pn	20 04 15.1	0.0
SCZT	baz=205			eS	Sb	20 03 56.6	-0.1
SLIU	Shizi	1.65	202	eP	Pn	20 03 53.6	-1.8
SLIU	baz=180			eP	Pn	20 04 14.5	-2.1
LAY	Lan-yu	1.71	177	eP	Pn	20 03 58.6	+0.7
LAY	baz=166			eS	Pb	20 03 55.4	-0.3
WLCH	Liquiu	1.72	216	eP	Pb	20 03 57.9	-0.2
WLCH	baz=224			eP	Pb	20 03 55.8	-0.2
WDGT	Dungji	1.73	254	eP	Pb	20 03 55.8	-0.2
WDGT	baz=209			eP	Pb	20 03 55.8	-0.2
TWP	Hsioliuchi	1.73	216	eP	Pb	20 03 55.8	-0.2
TWP	baz=224			eP	Pn	20 04 16.8	-0.9
PHUB	Peng-hu	1.76	263	eP	Pn	20 03 55.8	-0.2
PHUB	baz=243			eS	Sn	20 03 55.8	-0.3
PHUB	baz=243			eS	Sn	20 04 19.0	+1.0
PNG	Penghu	1.77	264	eP	Pn	20 04 00.2	-0.2
PNG	baz=262			eS	Pb	20 04 00.1	-1.0
HEN	Hengchun	1.87	201	eP	Pb	20 04 00.6	-0.4
HEN	baz=173			eP	Pb	20 04 00.6	-0.7
TWK1	Hengchun	1.90	199	eP	Pb	20 03 59.4	+0.7
TWK1	baz=182			eP	Pn	20 03 57.9	-0.8
TWKBT	Hengchun	1.90	199	eP	Pb	20 03 57.9	-0.8
TWKBT	baz=182			eP	Pn	20 04 02.0	+0.6
TSEB	Hengchuen, Pin	1.92	196	eP	Pb	20 04 02.0	+0.6
TSEB	baz=174			eP	Pn	20 04 07.7	-1.6
PCYT	Pengchaiyu	1.94	16	eP	Pn	20 04 02.6	-1.3
PCYT	baz=21			eP	Pn	20 04 05.4	+0.9
VCHM	Qimei	1.95	254	eP	Pn	20 04 05.4	+0.9
VCHM	baz=252			eS	Sn	20 04 05.2	-1.0
IRIF	Iriomote-Funau	2.15	74	P	Pn	20 04 06.8	+0.3
IRIF	baz=252			eS	Sn	20 04 36.1	-0.4
HATJ	Hateruma jima	2.16	82	P	Pn	20 04 09.8	+0.3
HATJ	baz=252			eS	Sn	20 04 41.1	-0.5
HATJ	baz=252			eS	Sn	20 04 08.3	-1.5
VWUC	VWUC	2.22	304	eP	Pn	20 04 09.2	-1.0
VWUC	baz=310			eP	Pn	20 04 12.0	+0.9
PTTC	Pingtang	2.33	319	eP	Pn	20 04 11.2	-0.6
PTTC	baz=326			eP	Pn	20 04 14.9	+0.7
JKRS	Kuro-shima						

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Table with columns: ARSA, Arzberg, 5.66 325, i Pn, Pn, 00 07 47.0 +0.7, etc.

IDC 24.00:18:57.4, 1.0, 26.15N, 128.76E, h0km, mb3.6/10, mb1 3.8/11, mb1mx3.6/35, mbtmp3.7/11, ML3.7/1, MS2.4/1, Ms1 2.4/1, ms1mx2.2/44, Error ellipse: s-maj=43.9km s-min=14.1km az=72.0

JMA 24.00:18:59.0, 0.2, 26.10N, 128.76E, h37km, 4km, M3.4 NEIC 24.00:19:01.1, 0.8, 26.18N, 10.128, 75E, 0.07, h28km, 6km, mb4.3/11, Error ellipse: s-maj=16.0km s-min=5.3km az=211.0

ISC 24.00:18:59.2, 1.8, 26.11N, 0.05, 128.75E, 0.04, h15km, 11km, i39, -0.55/46, mb3.8/15, Ryukyu Islands

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

2015 FEB

Table with columns: KSRS, Korea Array, 11.33 357, LR, LR, 00 25 06.2, etc.

NOU 24.00:24:16.4, 37.57S, 179.05E, h6km, MLV3.9, Off E. Coast of N. Island, NZ

WEL 24.00:24:25.1, 37.3S, 178.8E, h45km, 2km, M3.1/18, ML3.5/18, MLV3.1/18, Error ellipse: s-maj=0.0km s-min=0.0km az=160.3, Off east coast of North Island

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

24d 0h

Table with columns: DCZ, Deep Cove, 30.17 181, P, P, 00 45 12.7 +0.8, etc.

IDC 24.00:52:04.1, 0.6, 31.55N, 104.07E, h0km, mb4.0/21, mb1 4.2/22, mb1mx4.0/39, mbtmp4.0/22, ML3.3/1, MS3.4/5, Ms1 3.4/5, ms1mx3.0/53, Error ellipse: s-maj=19.0km s-min=13.8km az=49.0

NEIC 24.00:52:07.1, 2.3, 31.71N, 0.06, 104.16E, 0.08, h10km, 1km, mb4.2/21, ML4.1(BJ), Error ellipse: s-maj=12.1km s-min=10.7km az=77.0

BUI 24.00:52:09.0, 0.0, 31.66N, 104.01E, h24km, mb4.2/20, ML4.0/27, MS3.7/12, MS7.3/710

ISC 24.00:52:07.2, 0.4, 31.66N, 0.03, 104.13E, 0.05, h14km, n102, r191/102, mb4.1/35, 1C-2D, Sichuan

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

Table with columns for station code, name, time, and various performance metrics. Includes stations like NSakai, Hakei, Niukaw, Kuroka, Sagara, Inuyama, Kuril'sk, etc.

Table with columns for station code, name, time, and various performance metrics. Includes stations like Incheon, Nikolayevsk, Changchun, Okha, Severo-Kuril's, Dalian, Shenyang, etc.

Table with columns for station code, name, time, and various performance metrics. Includes stations like Yeheng, Niningchiao, Yakutsk, Chita, etc.

24d 2h

J04D	Umpqua Nationa baz=304,SNR=11	67.20	52	P	P	02 39 47.6	+0.9
J04D				S	S	02 48 42.9	+3.2
E08A	Dider Farm, EI baz=304	67.20	48	P	I Amb	02 39 46.3	-0.2
E08A				I Amb	I Amb	02 39 50.9	
FI A1	FINESSE Array S comp=Z,27nm,1.0s	67.20	332	P	P	02 39 46.2	+0.1
FINES	FINESSE Array B baz=304,SNR=8.2,SNR=61	67.21	332	P	P	02 39 46.0	-0.2
FINES				LR	LR	03 12 01.0	
FINES	FINESSE Array B comp=Z,18um,18.1s,baz=34,slow=39	67.21	332	P	P	02 39 46.3	+0.1
FINES	FINESSE Array B comp=Z,18um,18.1s,baz=34,slow=39	67.21	332	P	P	02 39 46.3	+0.1
LPSR	Galichy Ya Gora comp=Z,90nm,0.9s	67.25	320	eP	pmax	02 39 50.0	-0.6
LPSR				MLR	MLR		
NEW	Newport comp=Z,15um,15.0s	67.30	46	P	P	02 39 48.0	+0.9
NEW	Newport baz=304,SNR=19	67.30	46	P	P	02 39 47.0	-0.1
NEW	Newport comp=Z,27nm,1.2s	67.30	46	P	pmax	02 39 47.0	-0.1
NEW	Newport comp=Z,27nm,1.2s	67.30	46	P	I Amb	02 39 47.0	-0.1
KHMM	Horse Mountain comp=Z,27nm,1.1s	67.49	55	P	I Amb	02 39 48.4	-0.2
KHMM				I Amb	I Amb	02 39 56.8	
KONS	Konsvik comp=Z,50nm,1.1s	67.54	341	eP	P	02 39 48.2	0.0
PINE	Pine Mountain comp=Z,50nm,1.1s	67.60	51	P	P	02 39 48.9	-0.4
L04D	Klamath Falls baz=304,SNR=22	67.64	53	P	P	02 39 50.5	+1.0
VORR	Voronzh comp=Z,250nm,0.8s	67.65	319	eP	pmax	02 39 47.0	-2.2
VORR				pmax	pmax		
YBH	Yreka Blue Hor comp=Z,250nm,0.8s	67.66	54	P	pmax	02 39 49.4	-0.2
YBH				pmax	pmax		
YBH	Yreka Blue Hor comp=Z,35nm,1.2s	67.66	54	P	I Amb	02 39 49.4	-0.2
YBH				I Amb	I Amb	02 40 03.0	
STOK	Stokkvaagen comp=Z,35nm,1.1s	67.69	341	eP	P	02 39 49.8	+0.6
J05D	Fort Rock, OR baz=304,SNR=29	67.70	52	P	P	02 39 51.2	+1.3
J05D				S	S	02 48 50.5	+4.8
E09A	Wood Farm, Sta baz=304	67.71	48	P	I Amb	02 39 49.6	-0.1
E09A				I Amb	I Amb	02 40 06.1	
K04D	Chiloquin, OR baz=304	67.75	53	P	P	02 39 51.3	+1.1
K04D				S	S	02 48 49.2	+3.0
M02C	Callahan baz=304	67.75	54	P	P	02 39 51.3	+1.2
M02C				S	S	02 48 49.3	+3.0
G08A	Pilot Rock baz=304	67.94	49	P	P	02 39 51.2	-0.1
VSR	Storozhevoje comp=Z,60nm,0.9s	67.94	319	eP	pmax	02 39 50.0	-1.0
VSR				pmax	pmax		
VSR				MLR	MLR		
MAK	Makhachkala comp=Z,8um,16.0s	68.00	308	eP	S	02 39 46.2	-5.3
MAK				eS	S	02 48 42.6	-6.3
MAK				eSS	SS	02 53 16.0	+5.4
MAK				pmax	pmax		
MAK				MLR	MLR		
VORD	Divnogorie comp=Z,6um,13.0s	68.03	319	eP	pmax	02 39 51.0	-0.5
VORD				pmax	pmax		
N02D	Trinity Center baz=304	68.08	55	P	P	02 39 52.7	+0.5
N02D				S	S	02 48 54.6	+4.5
SUMG	Summit baz=304	68.11	1	P	P	02 39 52.1	-0.1
SUMG				I P	I P		
SUMG	Summit comp=Z,87nm,1.1s	68.11	1	P	P	02 39 52.3	+0.1
SUMG				pmax	pmax		
SUMG	Summit comp=Z,84nm,0.9s	68.11	1	P	P	02 39 52.3	+0.1
SUMG				I P	I P	02 39 52.2	-0.1
SUMG				I Amb	I Amb	02 39 55.7	
M04C	Macdoel comp=Z,287nm,1.1s	68.17	53	P	P	02 39 53.9	+1.1
M04C				S	S	02 48 54.1	+2.8
K05A	Summer Lake baz=304,SNR=18	68.22	52	P	P	02 39 52.9	-0.4
KCPM	Cahto Peak comp=Z,45nm,1.1s	68.24	56	P	I Amb	02 39 53.1	-0.2
KCPM				I Amb	I Amb	02 40 12.3	
I07A	Izee comp=Z,14nm,1.0s	68.30	50	P	P	02 39 53.4	-0.1
WDC	Whiskeytown Da comp=Z,14nm,1.0s	68.40	55	P	pmax	02 39 54.0	-0.1
WDC				pmax	pmax		
O02D	Whiskeytown Da baz=304,SNR=8.4	68.40	55	P	P	02 39 54.0	-0.1
O02D				S	S	02 48 58.7	+3.9
NUUG	Nuugaatsiaq baz=304	68.54	6	I P	P	02 39 54.4	0.0
F10A	Beach Ranch, E comp=Z,45nm,1.1s	68.55	48	P	P	02 39 54.8	-0.3
WALA	Waterton Lakes comp=Z,27nm,1.1s	68.58	44	P	I Amb	02 39 54.7	-0.5
WALA				I Amb	I Amb	02 40 06.1	
WALA				I AMs_20	I AMs_20	03 13 13.6	
GROC	Groznyy comp=Z,2um,19.0s	68.90	309	eP	P	02 39 56.5	-0.7
GROC				eS	S	02 40 21.6	
GROC				pmax	pmax	02 48 59.6	0.0
GROC				MLR	MLR		
HOPS	Hopland Field comp=Z,2um,13.0s	68.95	56	P	P	02 39 57.5	-0.1
HOPS				I AMs_20	I AMs_20	03 01 54.4	
VSU	Vasula comp=Z,2um,21.0s	68.96	330	eP	P	02 39 57.1	-0.1
O03E	Paynes Creek baz=305,SNR=18	69.03	55	P	P	02 39 58.3	+0.2
O03E				S	S	02 49 02.8	+1.3
BMO	Modoc Plateau baz=305	69.05	53	P	P	02 39 58.0	-0.3
BMO	Blue Mountains comp=Z,20nm,1.1s	69.15	49	P	pmax	02 39 58.6	-0.2
BMO				MLR	MLR		
BMO	Blue Mountains comp=Z,1um,20.0s	69.15	49	P	P	02 39 58.6	-0.2
JTMT	Jette comp=Z,6um,19.0s	69.16	45	P	I Amb	02 39 58.6	-0.3
JTMT				I Amb	I Amb	02 40 14.9	
GDXM	Geyzers comp=Z,34nm,1.2s	69.24	56	P	I AMs_20	02 39 59.2	-0.2
GDXM				I AMs_20	I AMs_20	03 11 22.9	
J08A	Circle Bar Ran comp=Z,3um,19.0s	69.32	50	P	P	02 39 59.8	-0.1
J08A				I Amb	I Amb	02 40 04.9	
NSS	Namsos comp=Z,23nm,1.1s	69.38	340	eP	P	02 39 59.3	-0.4
GOF	Gofskoye comp=Z,211nm,1.0s	69.45	312	eP	pmax	02 40 01.2	+0.6
GOF				pmax	pmax		
MNCI	Minicoy comp=Z,3um,19.0s	69.50	264	P	I AMs_20	02 40 01.2	0.0
MNCI				I AMs_20	I AMs_20	03 15 50.3	
MCCM	Marconi Confer comp=Z,54nm,1.1s	69.53	264	eP	P	02 39 58.9	-2.5
MCCM				I Amb	I Amb	02 40 01.6	+0.3
ORV	Orவில் comp=Z,25nm,1.2s	69.64	55	P	pmax	02 40 01.5	-0.3
ORV				pmax	pmax		
ORV	Orவில் comp=Z,25nm,1.2s	69.64	55	P	I Amb	02 40 01.5	-0.3
ORV				I Amb	I Amb	02 40 07.9	
SCO	Scoresbysund comp=Z,26nm,1.1s	69.70	355	P	P	02 40 01.8	+0.2
SCO				pmax	pmax		
SCO	Scoresbysund comp=Z,26nm,1.1s	69.70	355	P	P	02 40 01.8	+0.2
SCO				I Amb	I Amb	02 40 17.9	

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WVOR	Wild Horse Val comp=Z,26nm,1.1s	69.76	51	P	P	02 40 02.5	-0.2
WVOR				pmax	pmax		
WVOR	Wild Horse Val comp=Z,21nm,1.2s	69.76	51	P	P	02 40 02.5	-0.2
MSO	Missoula baz=307,SNR=11	69.89	45	P	P	02 40 03.9	+0.5
MSO	Missoula	69.89	45	P	P	02 40 03.1	-0.3
ARMA	Matsula comp=Z,24nm,1.1s	69.90	371	eP	P	02 39 59.6	-3.4
ARMA	Armida	70.10	132	P	I Amb	02 40 05.6	+0.9
BEKR	Beckworth comp=Z,24nm,1.1s	70.18	54	P	P	02 40 05.0	-0.4
BEKR				I Amb	I Amb	02 40 11.8	
AAL	Aland comp=Z,36nm,1.2s	70.23	334	eP	P	02 40 04.6	-0.4
ZEI	Tsey comp=Z,50nm,1.1s	70.27	309	eP	pmax	02 40 02.6	-3.3
ZEI				pmax	pmax		
KIV	Kislovodsk comp=Z,24nm,1.1s	70.30	311	I P	P	02 40 06.6	+0.7
KIV	Kislovodsk	70.30	311	I P	P	02 40 06.7	+0.7
KIV	Kislovodsk SNR=46	70.30	311	eP	P	02 40 06.6	+0.7
KIV	Kislovodsk	70.30	311	e	S	02 42 41.4	
KIV	Kislovodsk	70.30	311	eS	SS	02 49 19.0	+2.7
KIV	Kislovodsk	70.30	311	eSS	SS	02 53 51.1	+4.9
KIV				pmax	pmax		
KIV	Kislovodsk comp=Z,790nm,1.1s	70.30	311	e	SS	02 42 41.4	
KIV				pmax	pmax		
KIV	Kislovodsk comp=Z,1um,4.2s	70.30	311	e	SS	02 42 41.4	
KIV				MLR	MLR		
KIV	Kislovodsk comp=Z,24um,17.0s	70.30	311	P	P	02 40 05.3	-0.7
KIBZ	Khabaz comp=Z,74nm,0.9s,baz=61,slow=4.3,SNR=132	70.31	311	P	P	02 40 06.5	+0.6
KIBZ				LR	LR	03 13 23.8	
KIBZ	Khabaz comp=Z,5um,19.4s,baz=42,slow=36	70.31	311	eP	P	02 40 06.5	+0.6
KIBZ				pmax	pmax		
AFDM	Forest Hills D comp=Z,89nm,0.9s	70.33	55	P	P	02 40 06.0	0.0
FFC	Fin Flon comp=Z,33nm,1.0s	70.77	34	P	pmax	02 40 08.9	+0.4
FFC				MLR	MLR		
FFC	Fin Flon comp=Z,2um,19.0s	70.77	34	P	I Amb	02 40 08.9	+0.4
FFC				I AMs_20	I AMs_20	03 14 06.9	
PAHR	Pah Rah Range comp=Z,42nm,1.2s	70.89	54	I Amb	I Amb	02 40 28.3	
VCNR	Virginia City comp=Z,24nm,1.0s	70.96	55	P	I Amb	02 40 29.9	-0.3
VCNR				I Amb	I Amb	02 40 23.1	
ILULI	Ilulissat comp=Z,28nm,0.9s	70.98	5	P	pmax	02 40 09.5	0.0
ILULI				pmax	pmax		
ILULI	Ilulissat comp=Z,28nm,0.9s	70.98	5	P	P	02 40 09.5	0.0
ILULI				I Amb	I Amb	02 40 22.4	
FCC	Fort Churchill comp=Z,14nm,1.1s	71.06	28	P	pmax	02 40 09.2	-1.0
FCC				pmax	pmax		
FCC	Fort Churchill comp=Z,3um,22.0s	71.06	28	P	I AMs_20	02 40 09.2	-1.0
FCC				I AMs_20	I AMs_20	03 15 35.2	
IDID	Didziasali comp=Z,3um,22.0s	71.10	327	eP	P	02 40 10.6	+0.2
PNTR	Pine Nut comp=Z,34nm,1.1s	71.11	55	P	I Amb	02 40 10.7	-0.4
PNTR				I Amb	I Amb	0	

Table with columns: Name, Description, Time, Status, Location, and other details. Includes entries like MPMC Manual Prospec, OSI Osito Audit, etc.

Table with columns: Name, Description, Time, Status, Location, and other details. Includes entries like XPFO Pion Flat, TPFO Pinon Flats, etc.

Table with columns: Name, Description, Time, Status, Location, and other details. Includes entries like PV18 comp=Z,61nm,1.2s, etc.

Table with columns: F33A, IAMS_20, IAMS_20, 03 14 31.2, and various station call signs and frequencies.

Table with columns: GERES, GERESS Array B, 81.27 329, P, P, 02 41 08.6 0.0, and various station call signs and frequencies.

Table with columns: SQTA, Sankt Quirin, 83.57 329, eP, P, 02 41 20.9 +0.3, and various station call signs and frequencies.

OXZ	Oxford	86.56	159	IAMS_20	IAMS_20	03 16	38.6
OSSC	Observatorio P	86.57	327	P	Iamb	02 41	35.1 -0.5
OSSC	comp=Z,24nm,1.2s					02 41	50.2
AQUA	L'Aquila	86.59	325	Iamb	P	02 41	35.0 -0.8
AQUA	L'Aquila	86.59	325	Iamb	P	02 41	54.6
MSSA	Maissana	86.63	329	P	Iamb	02 41	35.8 -0.2
MSSA	comp=Z,22nm,1.1s					02 41	50.5
HQIL	Hanson Quarry C	86.63	36	IAMS_20	IAMS_20	03 18	31.5
INTR	Introduca	86.65	325	Iamb	Iamb	02 41	50.5
OK031	S. Brethren Rd	86.65	45	Iamb	Iamb	02 41	52.3
OK031	comp=Z,22nm,1.1s						
OK025	Westminster Rd	86.65	45	P	P	02 41	36.2 +0.1
OK025	comp=Z,22nm,1.1s					02 41	11.9
RPZ	Rata Peaks	86.66	160	LR	LR	03 17	54.6
RPZ	comp=Z,19.5s,slow=34						
OK030	Cody Creek RV	86.70	45	IAMS_20	IAMS_20	03 25	08.1
OKCFA	Oklahoma City	86.71	46	P	P	02 41	36.5 0.0
OKCFA	comp=Z,22nm,20.0s					02 41	10.5
J47A	Summer	86.79	33	P	P	02 41	36.9 +0.3
J47A	comp=Z,38nm,1.1s					02 41	49.0
M44A	Midewin, Midew	86.87	36	P	P	02 41	37.1 +0.1
M44A	comp=Z,19nm,0.8s					02 41	10.0
HDIL	Hopedale	86.95	37	P	P	02 41	38.1 +0.6
HDIL	comp=Z,22nm,20.0s						
FCAR	Hopedale	86.95	37	IAMS_20	IAMS_20	03 27	08.3
LBZ	Lake Benmore	87.07	161	P	Iamb	02 41	40.0 +2.4
LBZ	comp=Z,36nm,1.1s					02 41	50.2
LBZ	comp=Z,36nm,1.1s					03 14	45.9
LATE	Lateral	87.08	326	Iamb	Iamb	02 41	53.0
LATE	comp=Z,17nm,1.1s						
MQZ	McQueen's Vall	87.09	159	IAMS_20	IAMS_20	03 13	35.3
D55A	Sainte-Anne-du	87.10	25	P	P	02 41	37.9 -0.2
D55A	comp=Z,22nm,21.0s						
ALGO	Algonquin Park	87.14	27	P	P	02 41	37.3 -0.9
ALGO	comp=Z,32nm,1.1s						
L46A	Eue Claire	87.15	35	IAMS_20	IAMS_20	03 26	34.2
L46A	comp=Z,22nm,19.0s						
S39A	Bolivar	87.20	42	Iamb	Iamb	02 41	53.9
S39A	comp=Z,14nm,0.8s					03 26	15.2
SLBS	Sierra La Lagu	87.21	61	IAMS_20	IAMS_20	03 20	03.2
TUL1	Leonard	87.25	44	P	P	02 41	39.8 +0.8
TUL1	comp=Z,31nm,1.1s						
TUL1	Leonard	87.25	44	P	P	02 41	40.4 +1.4
TUL1	comp=Z,19nm,1.0s					02 41	55.1
R40A	Maddies Statio	87.28	40	IAMS_20	IAMS_20	03 25	19.1
R40A	comp=Z,17nm,20.0s						
D56A	ZEC Mazanza, M	87.31	25	P	P	02 41	38.6 -0.5
D56A	comp=Z,22nm,1.1s						
TX31	Lajitas Ar. Si	87.43	54	Iamb	Iamb	02 42	00.9
TX31	comp=Z,22nm,0.7s						
TXAR	Lajitas Array	87.43	54	P	P	02 41	41.0 +0.9
TXAR	comp=Z,4.0nm,0.9s,slow=3.6,SNR=14						
TXAR	Lajitas Array	87.43	54	P	P	02 41	40.0 -0.2
TXAR	comp=Z,17nm,1.1s					02 41	53.9
DAMY	Dharm	87.49	207	Iamb	Iamb	02 41	41.5 +1.1
DAMY	comp=Z,18nm,1.1s						
ABTX	Abilene, Hawle	87.51	49	P	P	02 41	41.5 +1.1
ABTX	comp=Z,31nm,1.1s						
ABTX	Abilene, Hawle	87.51	49	Iamb	Iamb	02 41	59.6
ABTX	comp=Z,17nm,1.1s						
P43A	Skaggs, Pawnee	87.57	38	P	Iamb	02 41	41.6 +1.1
P43A	comp=Z,27nm,1.1s					02 41	55.1
P43A	Lake Saint Pet	87.60	28	P	P	02 41	40.1 -0.5
P43A	comp=Z,22nm,19.0s						
LATQ	La Tuque	87.64	24	P	P	02 41	39.9 -0.8
LATQ	comp=Z,33nm,1.1s						
O44A	Mansfield	87.66	37	P	P	02 41	41.6 +0.7
O44A	comp=Z,11nm,0.7s					03 19	30.9
O44A	St. Veronique	87.66	25	P	P	02 41	38.7 -2.1
O44A	comp=Z,22nm,20.0s						
SADO	Sadowa	87.76	29	IAMS_20	IAMS_20	03 22	37.3
SADO	comp=Z,22nm,20.0s						
HPIG	HPIG	87.83	56	P	P	02 41	44.2 +2.0
HPIG	comp=Z,16nm,0.9s					02 42	02.5
HPIG	Chemin du LacG	87.87	24	P	P	02 41	39.8 -1.9
HPIG	comp=Z,22nm,18.0s						
HHAR	Hobbs	87.95	43	Iamb	Iamb	02 41	58.0
HHAR	comp=Z,15nm,1.1s						
CCM	Cathedral Cave	87.97	40	P	P	02 41	41.8 -0.7
CCM	comp=Z,32nm,1.0s						
CCM	Cathedral Cave	87.97	40	P	P	02 41	42.6 +0.2
CCM	comp=Z,33nm,1.0s						
CCM	Cathedral Cave	87.97	40	P	P	02 41	42.6 +0.2
CCM	comp=Z,22nm,19.0s					02 40	39.4
L48A	N Adams	88.01	33	IAMS_20	IAMS_20	03 27	29.9
L48A	comp=Z,22nm,19.0s						
SLM	Saint Louis	88.01	39	IAMS_20	IAMS_20	03 25	55.5
SLM	comp=Z,22nm,21.0s						
AAM	Ann Arbor	88.05	33	IAMS_20	IAMS_20	03 25	04.2
AAM	comp=Z,22nm,20.0s						
K50A	Casco	88.08	32	P	P	02 41	43.3 +0.5
K50A	comp=Z,30nm,1.0s					02 42	01.1
K50A	Lafayette	88.11	36	P	P	02 41	42.8 -0.2
K50A	comp=Z,22nm,19.0s						
SFIN	Lafayette	88.11	36	Iamb	Iamb	02 42	00.7
SFIN	comp=Z,22nm,0.9s						
SFIN	Bobcaygeon	88.13	28	P	P	02 41	42.8 -0.3
SFIN	comp=Z,22nm,19.0s						
MGMO	Mountain Grove	88.15	41	Iamb	Iamb	02 41	58.8
MGMO	comp=Z,18nm,1.1s					03 26	59.3
N47A	Urbana	88.33	35	Iamb	Iamb	02 42	01.4
N47A	comp=Z,22nm,19.0s						
N47A	La Victoria	88.39	24	P	P	02 41	43.3 -0.9
N47A	comp=Z,22nm,20.0s						
Q44A	Meyer Farm, Va	88.39	38	Iamb	Iamb	02 42	05.7
Q44A	comp=Z,27nm,1.0s						
Q44A	French Village	88.43	40	Iamb	Iamb	02 42	05.4
Q44A	comp=Z,25nm,1.1s						
U40A	Yellville	88.46	42	P	P	02 41	44.6 -0.2
U40A	comp=Z,32nm,1.0s						
U40A	Yellville	88.46	42	Iamb	Iamb	02 42	00.5
U40A	comp=Z,31nm,1.0s					03 27	15.7
U40A	Clayton	88.47	45	IAMS_20	IAMS_20	03 26	09.8
U40A	comp=Z,22nm,19.0s						
D61A	St Aubert, Com	88.58	22	P	P	02 41	43.5 -1.6
D61A	comp=Z,35nm,1.1s						
D60A	Saint Jean D'O	88.62	23	P	P	02 41	44.6 -0.8
D60A	comp=Z,34nm,1.1s						

TBI	Tubeuai	88.64	122	eS	S	02 52	25.2 -5.2
TBI	Tubeuai	88.64	122	eLR	LR	03 09	56.9
TBI	Tubeuai	88.64	122	eT	T	04 19	41.4
P46A	Rosedale	88.67	37	P	P	02 41	47.3 +1.6
P46A	comp=Z,22nm,19.0s					03 20	13.6
CEL	Celeste	88.70	321	IAMS_20	IAMS_20	03 26	01.3
CEL	comp=Z,32nm,18.0s						
T42A	Van Buren	88.84	41	Iamb	Iamb	02 42	07.9
T42A	comp=Z,21nm,1.1s					03 21	09.5
W39A	Magazine	88.86	43	P	P	02 41	46.4 -0.3
W39A	comp=Z,22nm,21.0s						
W39A	Magazine	88.86	43	IAMS_20	IAMS_20	03 27	18.3
W39A	comp=Z,22nm,19.0s						
G57A	Newington	88.94	26	P	P	02 41	46.4 -0.4
G57A	comp=Z,32nm,1.1s						
E60A	Ste Agathe de	88.96	23	P	P	02 41	46.3 -0.6
E60A	comp=Z,34nm,1.1s						
N49A	Columbus Grove	88.96	34	Iamb	Iamb	02 42	07.1
N49A	comp=Z,33nm,0.9s					03 29	28.0
N49A	Olney	88.96	38	IAMS_20	IAMS_20	03 27	08.4
N49A	comp=Z,22nm,20.0s						
JCT	Junction City	88.97	50	P	P	02 41	47.5 +0.2
JCT	comp=Z,22nm,18.0s						
JCT	Junction City	88.97	50	P	P	02 41	49.0 +1.7
JCT	comp=Z,19nm,1.1s						
JCT	Junction City	88.97	50	P	Iamb	02 41	49.0 +1.7
JCT	comp=Z,18nm,1.1s					02 42	08.8
JCT	Junction City	88.97	50	P	Iamb	02 41	49.0 +1.7
JCT	comp=Z,18nm,1.1s					03 16	24.6
FCAR	Ozark Folk Cen	89.20	42	Iamb	Iamb	02 42	03.9
FCAR	comp=Z,22nm,21.0s						
FCAR	Ozark Folk Cen	89.20	42	Iamb	Iamb	03 27	35.1
FCAR	comp=Z,31nm,1.0s						
G58A	Ormstown	89.22	25	P	P	02 41	47.9 -0.3
G58A	comp=Z,22nm,19.0s						
J54A	Appleton	89.23	29	P	P	02 41	50.2 +2.0
J54A	comp=Z,22nm,19.0s					03 27	38.2
S44A	Carbondale	89.23	39	IAMS_20	IAMS_20	03 29	25.7
S44A	comp=Z,22nm,19.0s						
WHTX	Lake Whitney,	89.23	48	P	P	02 41	48.2 -0.3
WHTX	comp=Z,22nm,19.0s						
WHTX	Lake Whitney,	89.23	48	P	Iamb	02 41	51.4 +2.9
WHTX	comp=Z,23nm,1.1s					02 41	54.8
SIUC	Southern Illin	89.23	39	IAMS_20	IAMS_20	03 29	25.6
SIUC	comp=Z,22nm,19.0s						
D63A	Stockholm	89.32	21	P			

24d 2h

Table of station data for 24d 2h, including columns for call sign, name, frequency, and other parameters.

2015 FEB

Table of station data for 2015 FEB, including columns for call sign, name, frequency, and other parameters.

NEIC 24 02:34:34.9e 1.2, 56:09N:0.07x156:26W:0.08, h47km, 2gkm, Error ellipse: s-maj=11.5km s-min=5.2km

AEIC 24 02:34:33.1, 2, 56:10N:0.08, 156:25W:0.07, h41km, 10gkm, ML3.5/49, ML3.4/16(NEIC), Error ellipse: s-maj=11.3km s-min=4.6km az=162.0, Alaska Peninsula

Table of station data for NEIC and AEIC events, including columns for code, station name, and time/residual.

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Table of station data for 1166, including columns for call sign, name, frequency, and other parameters.

TAP 24 02:35:20.3, 24:44'N, 122:56'E, h77km, 1km, ML3.9, B JMA 24 02:35:20.1, 0.1, 24:37'N, 122:54'E, h83km, 2km, M3.1 ISC 24 02:35:20.2, 1.2, 24:44'N, 122:57'E, 0.02, h83km, 6gkm, n137, e1912/259, Taiwan region

Table of station data for TAP, JMA, and ISC events, including columns for code, station name, and time/residual.

Table with columns: Station Name, Location, Time, Magnitude, and other parameters. Includes stations like WHF, TWS1, NTST, etc.

Table with columns: Station Name, Location, Time, Magnitude, and other parameters. Includes stations like CHNS, JTK, WTK, etc.

Table with columns: Station Name, Location, Time, Magnitude, and other parameters. Includes stations like KNM, KNMB, AXDP, etc.

ISU 24 02:43:27,41.07N,71.55E,h10km,Hypocentre not reviewed by the ISC

SOME 24 02:43:28.3,41.03N,71.68E,h15km
KRNET 24 02:43:28.1,0.1,41.08N,71.58E,h19km,mb3.3
NIC 24 02:43:32.5,2.2,41.30N,71.77E,h0km,mb3.9,mpv3.6,
Error ellipses: s-maj=21.7km s-min=7.5km az=7.0

ISC 24 02:43:29.6,0.8,40.97N,0.03,71.60E,0.02,h10km,n43,
c1577/76,23C-19D,Tajikistan

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Residual, etc. Includes stations like NAM, FRG, ANR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other details. Includes stations like FITZ, SWI, SOEI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other details. Includes stations like GMRC, LHV, L04D, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other details. Includes stations like VRDI, N25K, N25K, etc.

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

VAO 24 04:28:39.9, 1.7, 28.07S, 72.43W, h10km, mb4.4, SJA 24 04:28:50.4, 0.6, 27.71S, 71.52W, h52km, 5km, ML4.5, MW4.3

NEIC 24 04:28:51.1, 1.4, 27.81S, 0.04, 71.45W, 0.04, h49km, 7km, mb4.4/9, ML4.9(GUC), Error ellipse: s-maj=7.0km s-min=2.5km az=47.0

GUC 24 04:28:54.0, 0.7, 27.93S, 71.17W, h58km, 3km, ML4.9, IDC 24 04:28:55.3, 1.1, 27.73S, 71.07W, h62km, 6km, mb4.1/4, mb1.4, 1.7, mb1mx3/8/32, mbtmp4.3/7, MS3.9/4, Ms1.3/9/4, ms1mx3.5/36, Error ellipse: s-maj=32.8km s-min=16.7km az=170.0

ISC 24 04:28:51.0, 0.6, 27.78S, 0.03, 71.56W, 0.06, h48km, 4km, n138, r156/162, mb4.4/8, MS3.8/4, 7C-4D, Near coast of northern Chile

Main table of station data for the left column, including codes like AC04, AC01, AC04, etc., and station names like Llanos de Chal, Copiap, Las Campanas, etc.

Main table of station data for the middle column, including codes like AHML, Horco Molle, MV05, Renca, Limon Verde, etc., and station names like Horco Molle, Renca, Limon Verde, etc.

Main table of station data for the right column, including codes like PAMC, Barranca, Sant, BRRC, etc., and station names like Barranca, Sant, La Rusia, etc.

IDC 24 04:29:57.8, 0.5, 6.81N, 72.97W, h156km, 4km, mb3.9/9, mb1.4/2/18, mb1mx4/0/39, mbtmp4.5/18, Error ellipse: s-maj=9.9km s-min=7.0km az=115.0

NEIC 24 04:29:57.5, 1.3, 6.77N, 0.06, 73.01W, 0.08, h160km, 2km, Error ellipse: s-maj=12.5km s-min=7.6km az=114.0

CAR 24 04:29:57.0, 0.9, 6.80N, 0.06, 73.17W, 0.07, h166km, 5km, Error ellipse: s-maj=11.1km s-min=9.2km az=121.0

RSNC 24 04:29:58.1, 1.3, 6.84N, 73.12W, h153km, 5km, ML4.5, MW4.7, Fault plane solution: N1P1, 132.00000, 672.00000, A-42.00000

VAO 24 04:29:58.7, 0.5, 6.73N, 73.05W, h157km, 7km, mb4.6, ISC 24 04:29:58.0, 0.4, 6.84N, 0.03, 73.10W, 0.03, h158km, 4km, n370, r183/411, mb4.3/65, 12C-7D, Northern Colombia

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

24d 4h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GARC, BAUV, PCON, POPC, FLOCC, BBAC, CCUFI, GCUF, OTAV, PCRV, ORIV, HDC, JAKH, LCNH, HOJ, STH, BANI, MCJ, MTJ, TRN, BBJ, SDDR, JTS, GRGR, MPR, ICMP, OBIP, SJG, GTBY, HUMP, GPCR, SVB, CBYP, MDP, CDVI, CUPR, BHM, MPOM, ABCY, LCCY, CZSB, CZSB, ATAH, PTGA, PTGA, PTGA, TGUH, MACA, ESQI, ETMB, NNA, NNA, NNA, TEIG, ITTB, MALS, CGC, MCBP, NPBG, WLB, LPZ, LPZ, LPZ, CMIG, CLDB, SIV, SIV, TIGA, TLIG, BG3, SMTB, T59A, CPCT, T58A, W50A, U54A, V51A, ARAQ, PEXB, S57A, V48A, R59A, AODB, WWT, WWT, 833A, X40A, X40A.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 435B, W41B, O58A, BDBF, BDBF, MIAR, WCI, LCAR, O57A, P52A, P52A, PBMO, FCAR, FCAR, N61A, WHTX, N60A, SDBA, N59A, W39A, W39A, SIUC, SIUC, P49A, T42A, T42A, N56A, M43A, M40A, N54A, M59A, KSPA, M56A, M56A, M54A, M54A, L58A, CCM, L57A, L57A, BINY, L56A, L61B, PCMB, L53A, ABTX, ABTX, TUL1, SFIN, SFIN, LCO, LCO, WVNY, K58A, K58A, K57A, JANB, TX32, TXAR, TXAR, TXAR, TXAR, P40A, I51A, H57A, J47A, G57A, G62A, AMTX, K5U1, K5U1, K5U1, M5TX, M5TX, G54A, MNTX, MNTX, MNTX, F61A, ALGO, E55A, E56A, E63A, E64A, E64A, P67A, P60A, D55A, D56A, D58A, D63A.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like D61A, LATQ, 121A, RIB01, T25A, ANMO, ANMO, ECSD, LSQQ, SDCC, MATO, Q24A, TUC, TUC, S22A, EYMN, EYMN, ISCO, MVCO, 214A, PV15, N23A, B35A, PV12, PV17, AGMN, AGMN, O20A, RSSD, GLA, MDND, P17A, KNB, MTPU, LCMT, ULM, ULM, IRM, BC3, SZCU, MPU, MONP, BELC, GMRC, BW06, PDAR, PDAR, PDAR, PFO, 109C, SHPR, PSUT, HEC, HUG, LAO, SHOC, BGU, DGMT, REDW, SNOW, LOHW, LOHW, TPNV, TPNV, RLMT, R11A, FURC, H17A, EDW2, MPMC, GRAC, YHL, CWC, BOZ, VES, HLID, HLID, NVAR, NVAR, HRY, MFID, MFID.

Table with columns: YERR, Verington, comp=2.5, 0nm, 0.8s, Iamb, Iamb, 04 38 56.5, etc.

JMA 24 04:36:57.8:0.2, 24:82N:122:40E, h0km, 2km, ML2.4

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

Main table with columns: WFSB, YON, YOJ, YNOU, National Taiwa, etc.

ISC 24 04:42:43.8:2.4, 26:41N:66:19E, h0km, mb3.77,

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

ISC 24 04:46:21.2:1.3, 34:22N:0:08:25.06E:0.06, h20km, n14,

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

TAP 24 04:48:10.8, 24:45N:121:84E, h27km, ML1.7, C, Taiwan

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

TAP 24 04:48:17.8, 24:31N:122:47E, h35km, 1km, ML2.4, C,

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

Table with columns: NDS, Dongshan, 0.73 248 eP, Pn, 04 48 31.2 -0.5, MORC Moravsky Berou, 1.94 152 ePN, Pn, 04 57 42.2 -0.2, etc.

Table with columns: MORC Moravsky Berou, 1.94 152 ePN, Pn, 04 57 42.2 -0.2, Jujuy Province, Code, Station Name, Delta, Azimuth, Phase ID, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC, etc.

IDC 24 04:53:10.8, 1.9, 3.78N, 71.23W, h0km, mb3.4/3, mb1 3.7/6, mb1mx3.5/47, mbtmp3.6/6, ML2.4/2, Error ellipse: s-maj=33.8km s-min=24.8km az=126.0

IDC 24 05:08:23.2, 1.4, 13.69S, 167.36E, h0km, mb4.1/9, mb1 4.2/10, mb1mx0.4/3, mbtmp4.1/10, ML3.8/7, Ms1 3.8/7, ms1mx3.4/38, Error ellipse: s-maj=47.2km s-min=20.0km az=130.0

IDC 24 05:08:28.3, 1.0, 13.75S, 167.4E, 0.2, h35km, n13, c0571/11, mb4.0/9, MS3.8/6, Vanuatu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC, etc.

DNK 24 04:57:06.6, 1.8, 51.27N, 16.24E, h25km, 597km, ML2.0, IDC 24 04:57:09.9, 1.1, 51.44N, 16.08E, h0km, mb1 3.6/4, mb1mx3.1/46, mbtmp3.4/4, ML2.7/4, Error ellipse: s-maj=19.1km s-min=10.3km az=109.0

BUI 24 05:13:49.6, 0.0, 22.85S, 66.79W, h185km, mb5.5/12, JUA 24 05:13:50.2, 0.7, 22.70S, 66.82W, h211km, 5km, ML5.2, MW5.0

NEIC 24 05:13:50.4, 2.1, 22.75S, 0.04, 66.66W, 0.08, h189km, 3km, s-maj=4.74km s-min=5.9km az=95.0

VIE 24 04:57:10.8, 51.39N, 16.14E, h0km, ML2.5/2, 69 km, WNW of Wrocław Suspected Mining induced.

GUC 24 05:13:51.2, 0.6, 22.76S, 66.82W, h218km, 7km, MW5.3, VAO 24 05:13:51.9, 0.3, 22.60S, 66.70W, h207km, 4km, mb3.3

MOS 24 05:13:52.0, 1.2, 22.54S, 66.66W, h206km, mb5.1/3, Error ellipse: s-maj=11.5km s-min=7.2km az=107.9

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like SNDB Serra Nova Dou, VAO Valinhos, PLCA Paso Flores, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like FDF Fort de France, ILAM Ilet Lapin Mar, MAGL Barre de l'île, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like V55A Taylorsville, U58A Oxford, U57A Blanche, etc.

24d 5h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MCWV Mont Chateau, WCI Wyandotte Cave, and many others.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K62A Royalston, L56A Greenwood, K61A Williamstown, and many others.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KSU1 Kansas State U, G63A Kingsbury, G65A Princeton, and many others.

MOS 24 05:18:22.5+1.3,56:13N:113:82E,h9km,mb3.9/1, Error ellipse: s-maj=10.6km s-min=6.9km az=67.5
 IDC 24 05:18:23.6+1.5,56:28N:113:89E,h0km,mb3.7/6, mb1 3.9/10,mb1mx3.6/60,mbtmp3.8/10,ML3.7/4, Error ellipse: s-maj=31.1km s-min=21.6km az=158.0
 BYKL 24 05:18:24.1+0.1,56:14N:113:82E,h5km,2km
 ISC 24 05:18:23.3+0.5,56:04N:02:113.71E,0.02,h10km,n67, c248/125,mb3.8/6,7C-3D,East of Lake Baykal

Code	Station Name	Δ° AZ°	Phase ID	Time h m s	ISC	Res
SVKR	Severomysk	0.12 315	PG	05 18 26.5	+0.3	
SVKR	Severomysk	0.12 315	PG	05 18 28.8	+0.6	
SVKR	Severomysk	0.12 315	PG	05 18 26.5	+0.3	
SVKR	Severomysk	0.12 315	PG	05 18 27.9		
UKT	Uakit	0.55 185	PG	05 18 35.5	+0.4	
UKT	Uakit	0.55 185	PG	05 18 38.1	+0.8	
UKT	Uakit	0.55 185	PG	05 18 44.9	+1.9	
UKT	Uakit	0.55 185	PG	05 18 48.4	+1.9	
UKT	Uakit	0.55 185	PG	05 18 52.9		
UKT	Uakit	0.55 185	PG	05 18 35.5	+0.4	
UKT	Uakit	0.55 185	PG	05 18 45.1	-1.4	
YOA	Uoyan	1.12 276	PG	05 18 45.5	+0.5	
YOA	Uoyan	1.12 276	PG	05 18 47.8	+2.9	
YOA	Uoyan	1.12 276	PG	05 19 02.3	+1.9	
YOA	Uoyan	1.12 276	PG	05 19 04.8	+5.6	
YOA	Uoyan	1.12 276	PG	05 18 45.4	+0.5	
YOA	Uoyan	1.12 276	PG	05 19 04.0		
YKLR	Yuktali	4.46 80	PG	05 19 31.6	+0.7	
YKLR	Yuktali	4.46 80	PG	05 19 42.3	+0.7	
YKLR	Yuktali	4.46 80	PG	05 19 39.0	+3.6	
YKLR	Yuktali	4.46 80	PG	05 19 45.1	+4.2	
YKLR	Yuktali	4.46 80	PG	05 19 00.0	-2.5	
YKLR	Yuktali	4.46 80	PG	05 21 09.0	-0.6	
YKLR	Yuktali	4.46 80	PG	05 19 46.8	+2.9	
YKLR	Yuktali	4.46 80	PG	05 20 03.2	-3.6	
YKLR	Yuktali	4.46 80	PG	05 21 14.6	-2.1	
YKLR	Yuktali	4.46 80	PG	05 19 48.3	+3.2	
YKLR	Yuktali	4.46 80	PG	05 20 04.8	-3.6	
YKLR	Yuktali	4.46 80	PG	05 21 18.5	-1.0	
YKLR	Yuktali	4.46 80	PG	05 21 23.6	-3.1	
YKLR	Yuktali	4.46 80	PG	05 21 27.1	-2.2	
YKLR	Yuktali	4.46 80	PG	05 19 55.2	+3.8	
YKLR	Yuktali	4.46 80	PG	05 20 14.1	-3.1	
YKLR	Yuktali	4.46 80	PG	05 21 03.4	+3.7	
YKLR	Yuktali	4.46 80	PG	05 21 33.2	-1.1	
YKLR	Yuktali	4.46 80	PG	05 20 19.7	-4.4	
YKLR	Yuktali	4.46 80	PG	05 21 42.9	-2.9	
YKLR	Yuktali	4.46 80	PG	05 19 59.8	+2.3	
YKLR	Yuktali	4.46 80	PG	05 20 21.8	-3.8	
YKLR	Yuktali	4.46 80	PG	05 21 11.9	+1.4	
YKLR	Yuktali	4.46 80	PG	05 21 45.8	-2.6	
YKLR	Yuktali	4.46 80	PG	05 19 59.6	+2.1	
YKLR	Yuktali	4.46 80	PG	05 20 20.8		
YKLR	Yuktali	4.46 80	PG	05 21 44.2		
YKLR	Yuktali	4.46 80	PG	05 20 26.7	-4.7	
YKLR	Yuktali	4.46 80	PG	05 21 54.8	-3.2	
YKLR	Yuktali	4.46 80	PG	05 20 08.1	+3.2	
YKLR	Yuktali	4.46 80	PG	05 20 30.4	-5.5	
YKLR	Yuktali	4.46 80	PG	05 22 01.2	-4.5	
YKLR	Yuktali	4.46 80	PG	05 20 32.5	+1.3	
YKLR	Yuktali	4.46 80	PG	05 22 16.2		
YKLR	Yuktali	4.46 80	PG	05 20 38.4	-6.0	
YKLR	Yuktali	4.46 80	PG	05 22 14.9	-4.9	
YKLR	Yuktali	4.46 80	PG	05 20 11.9	+1.0	
YKLR	Yuktali	4.46 80	PG	05 20 20.0	+2.9	
YKLR	Yuktali	4.46 80	PG	05 20 47.0	-5.9	
YKLR	Yuktali	4.46 80	PG	05 22 28.5	-5.6	
YKLR	Yuktali	4.46 80	PG	05 20 51.9	-7.1	
YKLR	Yuktali	4.46 80	PG	05 22 50.4	-3.3	
YKLR	Yuktali	4.46 80	PG	05 20 59.0	-5.6	
YKLR	Yuktali	4.46 80	PG	05 20 32.8	+3.7	
YKLR	Yuktali	4.46 80	PG	05 22 06.9	-0.2	
YKLR	Yuktali	4.46 80	PG	05 22 56.0	-6.0	
YKLR	Yuktali	4.46 80	PG	05 20 34.3	+3.1	
YKLR	Yuktali	4.46 80	PG	05 22 09.7	-1.3	
YKLR	Yuktali	4.46 80	PG	05 23 01.5	-5.5	
YKLR	Yuktali	4.46 80	PG	05 21 03.8	+2.6	
YKLR	Yuktali	4.46 80	PG	05 22 11.4	+0.4	
YKLR	Yuktali	4.46 80	PG	05 22 58.9		
YKLR	Yuktali	4.46 80	PG	05 20 37.9	+2.5	
YKLR	Yuktali	4.46 80	PG	05 20 41.6	+3.2	
YKLR	Yuktali	4.46 80	PG	05 23 21.8		

TUP	comp=E,65nm,0.7s	max				
TUP	comp=E,535nm,1.0s					
TUP	Tupik	3.92 112	ePN	05 19 24.9	+1.4	
TUP	Tupik		e	05 19 34.5		
TUP	Tupik		eS	05 20 10.2	+0.5	
TUP	Tupik		e	05 20 25.1		
TUP	comp=Z,64nm,0.6s					
TUP	comp=N,539nm,0.9s					
MXMB	Maximikha	4.00 228	ePN	05 19 28.4	+3.8	
MXMB	Maximikha		e	05 19 31.1	-0.6	
MXMB	Maximikha		eS	05 19 38.7	-1.6	
MXMB	Maximikha		e	05 19 31.6	-0.8	
CIT	Chita	4.02 181	ePG	05 19 38.0	+0.8	
CIT	Chita		e	05 19 47.8	+2.9	
CIT	Chita		e	05 19 04.8	+1.9	
CIT	Chita		e	05 18 52.9		
CIT	Chita		e	05 18 35.5	+0.4	
CIT	Chita		e	05 18 38.1	+0.8	
CIT	Chita		e	05 18 44.9	+1.9	
CIT	Chita		e	05 18 48.4	+1.9	
CIT	Chita		e	05 18 52.9		
CIT	Chita		e	05 18 35.5	+0.4	
CIT	Chita		e	05 18 45.1	-1.4	
CIT	Chita		e	05 18 45.5	+0.5	
CIT	Chita		e	05 18 47.8	+2.9	
CIT	Chita		e	05 19 02.3	+1.9	
CIT	Chita		e	05 19 04.8	+5.6	
CIT	Chita		e	05 18 45.4	+0.5	
CIT	Chita		e	05 19 04.0		
CIT	Chita		e	05 19 31.6	+0.7	
CIT	Chita		e	05 19 42.3	+0.7	
CIT	Chita		e	05 19 39.0	+3.6	
CIT	Chita		e	05 19 45.1	+4.2	
CIT	Chita		e	05 19 00.0	-2.5	
CIT	Chita		e	05 21 09.0	-0.6	
CIT	Chita		e	05 19 46.8	+2.9	
CIT	Chita		e	05 20 03.2	-3.6	
CIT	Chita		e	05 21 14.6	-2.1	
CIT	Chita		e	05 19 48.3	+3.2	
CIT	Chita		e	05 20 04.8	-3.6	
CIT	Chita		e	05 21 18.5	-1.0	
CIT	Chita		e	05 21 23.6	-3.1	
CIT	Chita		e	05 21 27.1	-2.2	
CIT	Chita		e	05 19 55.2	+3.8	
CIT	Chita		e	05 20 14.1	-3.1	
CIT	Chita		e	05 21 03.4	+3.7	
CIT	Chita		e	05 21 33.2	-1.1	
CIT	Chita		e	05 20 19.7	-4.4	
CIT	Chita		e	05 21 42.9	-2.9	
CIT	Chita		e	05 19 59.8	+2.3	
CIT	Chita		e	05 20 21.8	-3.8	
CIT	Chita		e	05 21 11.9	+1.4	
CIT	Chita		e	05 21 45.8	-2.6	
CIT	Chita		e	05 19 59.6	+2.1	
CIT	Chita		e	05 20 20.8		
CIT	Chita		e	05 21 44.2		
CIT	Chita		e	05 20 26.7	-4.7	
CIT	Chita		e	05 21 54.8	-3.2	
CIT	Chita		e	05 20 08.1	+3.2	
CIT	Chita		e	05 20 30.4	-5.5	
CIT	Chita		e	05 22 01.2	-4.5	
CIT	Chita		e	05 20 32.5	+1.3	
CIT	Chita		e	05 22 16.2		
CIT	Chita		e	05 20 38.4	-6.0	
CIT	Chita		e	05 22 14.9	-4.9	
CIT	Chita		e	05 20 11.9	+1.0	
CIT	Chita		e	05 20 20.0	+2.9	
CIT	Chita		e	05 20 47.0	-5.9	
CIT	Chita		e	05 22 28.5	-5.6	
CIT	Chita		e	05 20 51.9	-7.1	
CIT	Chita		e	05 22 50.4	-3.3	
CIT	Chita		e	05 20 59.0	-5.6	
CIT	Chita		e	05 20 32.8	+3.7	
CIT	Chita		e	05 22 06.9	-0.2	
CIT	Chita		e	05 22 56.0	-6.0	
CIT	Chita		e	05 20 34.3	+3.1	
CIT	Chita		e	05 22 09.7	-1.3	
CIT	Chita		e	05 23 01.5	-5.5	
CIT	Chita		e	05 21 03.8	+2.6	
CIT	Chita		e	05 22 11.4	+0.4	
CIT	Chita		e	05 22 58.9		
CIT	Chita		e	05 20 37.9	+2.5	
CIT	Chita		e	05 20 41.6	+3.2	
CIT	Chita		e	05 23 21.8		

YAK	Kratsk	10.17 47	Lg	Lg	05 23 34.6
KLR	Kul'dur	12.88 114	Pn	Pn	05 21 27.3 +1.1
KLR	Kul'dur	12.88 114	Pn	Pn	05 25 06.5
KLR	Kul'dur	12.88 114	Pn	Pn	05 21 27.3 +1.1
KLR	Kul'dur	12.88 114	Pn	Pn	05 22 18.4 -0.5
KLR	Kul'dur	12.88 114	Pn	Pn	05 21 27.3 +1.1
KLR	Kul'dur	12.88 114	Pn	Pn	05 22 18.4 -0.5
NRK	Noril'sk	17.72 329	P	P	05 22 27.7 -2.0
SEY	Seymchan	20.54 55	P	P	05 23 01.2 -0.3
KURK	Kurchatov	21.43 270	P	P	05 23 11.4 +0.2
MK31	Makanchi Array	21.50 258	P	P	05 23 15.6 +3.6
MKAR	Makanchi Array	21.50 258	P	P	05 23 15.2 +3.3
KURB	Kurchatov Arra	21.53 270	P	P	05 23 15.5 +3.3
BVAR	Borovyoye Array	25.01 281	P	P	05 23 49.5 +2.5
BRVK	Borovyoye	25.05 282	P	P	05 23 48.0 +0.6

ICC 24 06:28:41.9, 1.3, 63.03N, 150.52W, h109km, 17km, mb3.4/3, mb1 3.3/6, mb1mx3.1/49, mbtmp3.7/6, Error ellipse: s-maj=22.3km s-min=10.4km az=108.0
 AEIC 24 06:28:43.0, 9.63, 12N, 0.03, 150.45W, 0.08, h109km, 4km, ML3.2, ML3.4/80(NEIC), Error ellipse: s-maj=5.0km s-min=4.0km az=92.0
 ANF 24 06:28:43.4, 0.2, 63.13N, 150.47W, h110km, 2km, ML3.3/37, Error ellipse: s-maj=2.2km s-min=1.6km az=97.0
 NEIC 24 06:28:43.8, 1.0, 63.14N, 0.03, 150.48W, 0.08, h109km, 5km, Error ellipse: s-maj=4.9km s-min=4.0km az=93.0

ISC 24 06:28:43.1, 0.9, 63.13N, 0.02, 150.46W, 0.03, h116km, 5km, n172, d072/197, mb3.9/3, Central Alaska

Code	Station Name	Δ° AZ°	Op	Phase ID	Time	Res
TRF	Thorofare Moun	0.33 14	P	ISC	06 29 00.3	+0.5
TRF	Thorofare Moun	0.33 14	S	Sn	06 29 12.6	+0.1
TRF	Thorofare Moun	0.33 14	IAML		06 29 12.6	+0.1
TRF	Thorofare Moun	0.33 14	IAML		06 29 13.4	
TRF	Hurricane	0.41 112	P	Sn	06 29 00.1	+0.1
KTH	Kurtichna Hill	0.47 334	P	Sn	06 29 00.9	+0.4
KTH	Kurtichna Hill	0.47 334	P	Sn	06 29 13.2	-0.4
CUT	Chulitna	0.73 173	P	Sn	06 29 02.4	+0.2
CUT	Chulitna	0.73 173	S	Sn	06 29 16.5	-0.2
CUT	Chulitna	0.73 173	P	Sn	06 29 16.6	0.0
RND	Reindeer	0.78 68	P	Sn	06 29 03.0	+0.3
RND	Reindeer	0.78 68	IAML		06 29 17.3	-0.3
RND	Reindeer	0.78 68	IAML		06 29 19.2	
RND	Reindeer	0.78 68	IAML		06 29 19.3	
CAST	Castle Rocks	0.79 292	P	Sn	06 29 02.9	+0.1
PPLA	Purkeypile	0.82 254	P	Sn	06 29 03.7	+0.5
PPLA	Purkeypile	0.82 254	S	Sn	06 29 18.1	-0.3
PPLA	Purkeypile	0.82 254	P	Sn	06 29 03.6	+0.5
WAT2	Susitna Watana	0.87 100	P	Sn	06 29 03.7	0.0
WAT2	Susitna Watana	0.87 100	P	Sn	06 29 18.6	-0.6
WAT2	Susitna Watana	0.87 100	P	Sn	06 29 03.6	0.0
MCK	McKinley	0.92 48	P	Sn	06 29 04.4	+0.5
MCK	McKinley	0.92 48	S	Sn	06 29 19.1	-0.6
MCK	McKinley	0.92 48	P	Sn	06 29 04.4	+0.5
WAT1	Susitna Watana	0.92 108	P	Sn	06 29 04.2	+0.2
WAT1	Susitna Watana	0.92 108	P	Sn	06 29 19.7	-0.1
BPWA	Bear Paw Mtn.	1.00 347	P	Sn	06 29 05.1	+0.3
BPWA	Bear Paw Mtn.	1.00 347	S	Sn	06 29 20.4	-0.8
BPWA	Bear Paw Mtn.	1.00 347	P	Sn	06 29 05.1	+0.3
BPWA	Bear Paw Mtn.	1.00 347	P	Sn	06 29 06.5	+0.7
CHUM	Lake Minchum	1.12 313	P	Sn	06 29 06.5	+0.5
CHUM	Lake Minchum	1.12 313	S	Sn	06 29 23.1	-0.2
CHUM	Lake Minchum	1.12 313	P	Sn	06 29 06.4	+0.5
BWN	Browne	1.14 23	P	Sn	06 29 07.1	+1.0
BWN	Browne	1.14 23	IAML		06 29 25.0	
SKT	Skwentna	1.25 204	P	Sn	06 29 07.4	0.0
SKT	Skwentna	1.25 204	S	Sn	06 29 25.5	-0.3
SKT	Skwentna	1.25 204	P	Sn	06 29 07.3	-0.1
SKT	Skwentna	1.25 204	IAML		06 29 25.6	-0.3
SKT	Skwentna	1.25 204	IAML		06 29 27.3	
SKT	Skwentna	1.25 204	IAML		06 29 29.9	
WAT6	Susitna Watana	1.36 113	P	Sn	06 29 08.9	+0.1
WAT6	Susitna Watana	1.36 113	S	Sn	06 29 27.5	-0.8
WAT6	Susitna Watana	1.36 113	P	Sn	06 29 08.9	+0.1
NEA2	Nemana	1.59 22	P	Sn	06 29 11.5	+0.2
NEA2	Nemana	1.59 22	S	Sn	06 29 31.9	-0.9
NEA2	Nemana	1.59 22	P	Sn	06 29 11.5	+0.2
NEA2	Nemana	1.59 22	P	Sn	06 29 12.1	0.0
SML	Sawmill	1.66 142	P	Sn	06 29 34.3	+0.0
SML	Sawmill	1.66 142	IAML		06 29 12.1	0.0
SML	Sawmill	1.66 142	IAML		06 29 39.6	
SML	Sawmill	1.66 142	IAML		06 29 41.8	
PMR	Palmer	1.66 157	P	Sn	06 29 12.0	-0.1
PMR	Palmer	1.66 157	S	Sn	06 29 34.0	-0.2
PMR	Palmer	1.66 157	P	Sn	06 29 12.0	-0.1
PMR	Palmer	1.66 157	IAML		06 29 34.6	
PMR	Palmer	1.66 157	IAML		06 29 41.9	
SUA	Susitna One	1.68 185	P	Sn	06 29 12.7	+0.3
SUA	Susitna One	1.68 185	S	Sn	06 29 35.3	+0.6
SUA	Susitna One	1.68 185	P	Sn	06 29 13.0	+0.6
SUA	Susitna One	1.68 185	IAML		06 29 36.3	+1.5
SUA	Susitna One	1.68 185	IAML		06 29 38.2	
SUA	Susitna One	1.68 185	IAML		06 29 40.1	
WRH	Wood River Hill	1.71 37	P	Sn	06 29 13.1	+0.4
STLK	Strandline Lake	1.76 202	P	Sn	06 29 14.0	+0.7
STLK	Strandline Lake	1.76 202	P	Sn	06 29 36.6	+0.2
MLY	Manley	1.91 356	P	Sn	06 29 15.7	+0.5
MLY	Manley	1.91 356	S	Sn	06 29 38.6	-1.3
MLY	Manley	1.91 356	P	Sn	06 29 15.7	+0.5
MLY	Manley	1.91 356	P	Sn	06 29 15.8	+0.5
SCM	Sheep Creek Mo	1.95 130	IAML		06 29 41.8	+0.6
SCM	Sheep Creek Mo	1.95 130	IAML		06 29 47.6	
SCM	Sheep Creek Mo	1.95 130	IAML		06 29 52.1	
FIS	Fire Island	2.00 177	P	Sn	06 29 18.9	+2.7
HDA	Harding Lake	2.02 49	P	Sn	06 29 16.9	+0.4
HDA	Harding Lake	2.02 49	S	Sn	06 29 41.8	-0.3
HDA	Harding Lake	2.02 49	S	Sn	06 29 41.8	-0.3
HDA	Harding Lake	2.02 49	IAML		06 29 16.9	+0.4
HDA	Harding Lake	2.02 49	IAML		06 29 46.4	
HDA	Harding Lake	2.02 49	IAML		06 29 46.9	
CRP	Crater Peak	2.03 204	P	Sn	06 29 18.0	+1.2
CRP	Crater Peak	2.03 204	P	Sn	06 29 44.0	+1.5
SPCR	Spurr Chakacha	2.07 204	P	Sn	06 29 17.4	+0.6
SPCN	Chakachata No	2.07 204	P	Sn	06 29 18.3	+1.1
RC01	Rabbit Creek A	2.08 170	P	Sn	06 29 17.5	+0.3
RC01	Rabbit Creek A	2.08 170	P	Sn	06 29 17.4	+0.4
SPBG	Spurr Blockage	2.08 206	P	Sn	06 29 17.9	+0.6
SPBG	Spurr Blockage	2.08 206	P	Sn	06 29 44.5	+1.0
BGL	Barrier Glacier	2.08 207	P	Sn	06 29 18.1	+0.8
MDM	Murphy Dome	2.08 27	P	Sn	06 29 17.9	+0.6
MDM	Murphy Dome	2.08 27	P	Sn	06 29 43.7	+0.1
I23K	Minto, Yukon-K	2.08 13	P	Sn	06 29 17.9	+0.6

I23K	Minto, Yukon-K	2.08 13	P	Sn	06 29 17.9	+0.6
TCOL	CIGO, UAF Yank	2.09 32	P	Sn	06 29 43.0	+0.5
TCOL	CIGO, UAF Yank	2.09 32	P	Sn	06 29 48.0	+0.6
TCOL	CIGO, UAF Yank	2.09 32	S	Sn	06 29 14.1	+0.4
TCOL	CIGO, UAF Yank	2.09 32	P	Sn	06 29 18.1	+0.7
TCOL	CIGO, UAF Yank	2.09 32	IAML		06 29 45.6	
TCOL	CIGO, UAF Yank	2.09 32	IAML		06 30 09.9	
COLA	College	2.10 32	P	Sn	06 29 18.0	+0.6
COLA	College	2.10 32	S	Sn	06 29 44.1	+0.3
COLA	College	2.10 32	P	Sn	06 29 18.0	+0.6
COLA	College	2.10 32	IAML		06 29 45.6	
COLA	College	2.10 32	IAML		06 30 09.9	
SPCR	Spurr Chakacha	2.10 204	P	Sn	06 29 18.5	+0.8
SPCR	Spurr Chakacha	2.10 204	P	Sn	06 29 44.9	+0.8
SPCR	Spurr Chakacha	2.10 204	P	Sn	06 29 18.2	+0.5
M24K	Tolsona, Glenn	2.23 115	P	Sn	06 29 18.7	+0.5
M24K	Tolsona, Glenn	2.23 115	P	Sn	06 29 19.9	+0.6
M24K	Tolsona, Glenn	2.23 115	S	Sn	06 29 47.1	+0.1
M24K	Tolsona, Glenn	2.23 115	P	Sn	06 29 20.1	+0.8
M24K	Tolsona, Glenn	2.23 115	P	Sn	06 29 48.4	+1.4
PAX	Paxson	2.28 92	P	Sn	06 29 20.8	+0.9
PAX	Paxson	2.28 92	S	Sn	06 29 48.0	-0.1
PAX	Paxson	2.28 92	P	Sn	06 29 20.8	+0.9
ILAR	Eielson Array	2.28 42	P	Sn	06 29 20.1	+0.4
ILAR	Eielson Array	2.28 42	P	Sn	06 29 20.2	+0.4
ILAR	Eielson Array	2.28 42	Pn	Sn	06 29 48.7	+0.7
ILAR	Eielson Array	2.28 42	Pn	Sn	06 29 19.5	-0.4
PS07	TAPS Pump Stn7	2.39 23	P	Sn	06 29 22.0	+0.8
PS07	TAPS Pump Stn7	2.39 23	P	Sn	06 29 23.6	+2.4
POKR	Poker Plat Res	2.40 32	P	Sn	06 29 22.1	+0.8
POKR	Poker Plat Res	2.40 32	P	Sn	06 29 22.3	-0.2
PWL	Poker Plat Res	2.49 155	P	Sn	06 29 22.3	-0.2
PS11	TAPS Pump St11	2.54 112	P	Sn	06 29 21.1	+0.8
TTA	Tatalina	2.54 268	P	Sn	06 29 23.6	+0.5
TTA	Tatalina	2.54 268	S	Sn	06 29 23.2	+0.1
TTA	Tatalina	2.54 268	Pn	Sn	06 29 52.9	-1.0
TT01	Tatalina	2.54 267	P	Sn	06 29 23.2	+0.1
TT01	Tatalina	2.54 267	P	Sn	06 29 23.3	+0.1
TT01	Tatalina	2.54 267	P	Sn	06 29 53.4	-0.6
SLK1	Skliak Lake	2.63 177	P	Sn	06 29 24.6	+0.2
O22K	Cooper Landing	2.68 172	P	Sn	06 29 25.2	+0.3
O22K	Cooper Landing	2.68 172	P	Sn	06 29 25.5	+0.6
KLU	Klutina	2.68 126	P	Sn	06 29 56.8	-0.3
KLU	Klutina	2.68 126	P	Sn	06 29 24.7	-0.5
KLU	Klutina	2.68 126	P	Sn	06 29 24.6	-0.5
DFR	Drift River	2.75 203	P	Sn	06 29 26.6	+0.6
PS06	TAPS Pump Stn6	2.76 6	P	Sn	06 29 26.7	+0.8
NCT	North Creek	2.83 206	P	Sn	06 29 27.9	+0.7
RSO	Redoubt South	2.89 203	P	Sn	06 29 27.0	+1.1
DOT	Dot Lake	2.93 77	P	Sn	06 29 28.6	+0.4
RED	Redoubt Volcan	2.93 203	P	Sn	06 29 28.9	+0.5
DIV	Divide	2.98 130	P	Sn	06 29 28.4	-0.6
PS12	TAPS Pump St12	2.99 121	P	Sn	06 29 28.8	-0.2
SCRK	Sand Creek	3.02 71	P	Sn	06 29 28.8	+0.2
SCRK	Sand Creek	3.02 71	P	Sn	06 29 29.8	+0.2
SEW	Seward	3.07 171	P	Sn	06 29 30.0	-0.1
SEW	Seward	3.07 171	P	Sn	06 29 30.3	+0.2
MENT	Mentasta	3.08 91	P	Sn	06 29 30.3	+0.2
N25K	Chitina, Valde	3.13 117	P	Sn	06 29 31.2	+0.2
N25K	Chitina, Valde	3.13 117	IAML		06 29 31.2	+0.2
N25K	Chitina, Valde	3.13 117	IAML		06 30 22.9	
N25K	Chitina, Valde	3.13 117	IAML		06 30 23.4	
SVW2	Sparrowhawk	3.15 232	IAML		06 29 31.5	+0.3
SVW2	Sparrowhawk	3.15 232	IAML		06 30 10.1	
IM03	Indian Moun	3.20 335	P	Sn	06 29 32.2	+0.5
IMAR	Porcupine Dome	3.22 40	P	Sn	06 29 32.0	+0.2
PRP	Porcupine Dome	3.22 40	P	Sn	06 29 32.5	+0.3
HIN	Hinchinbrook I	3.33 144	IAML		06 29 32.6	+0.5
HIN	Hinchinbrook I	3.33 144	IAML		06 29 33.0	-0.5
HIN	Hinchinbrook I	3.33 144	IAML		06 30 35.5	
HIN	Hinchinbrook I	3.33 144	IAML		06 30 35.9	
IVE	Iliamna Volcan	3.35 202	P	Sn	06 29 34.9	+0.9
BRLK	Bradley Lake	3.38 184	IAML		06 29 34.7	+0.5
BRLK	Bradley Lake	3.38 184	IAML		06 30 25.2	
BRSE	Bradley Lake S	3.40 182	P	Sn	06 29 34.6	+0.1
BRSE	Bradley Lake S	3.40 182	P	Sn	06 29 33.6	-0.9
EYAK	Cordova Ski A	3.42 137	P	Sn	06 29 34.3	-0.4
EYAK	Cordova Ski A	3.42 137	P	Sn	06 29 34.3	-0.4
EYAK	Cordova Ski A	3.42 137	P	Sn	06 29 35.4	-0.2
BMRM	Bremner River	3.51 126	P	Sn	06 29 35.1	-0.8
BMRM	Bremner River	3.51 126	P	Sn	06 29 35.4	-0.5
HOM	Home	3.53 190	P	Sn	06 29 37.2	+1.0
HOM	Home	3.53 190	P	Sn	06 29 36.8	

ellipse: s-maj=43.0km s-min=25.7km az=87.0
DJA 24 07:55:49.0 0.5 3.3 S4.4x12.9E.1, h10km, M3.3/6, MLv3.3/6
ISC 24 06:55:49.0 0.1, 2.84S, 0.08x128.92E:0.09, h35km, n7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI Masohi, NLAJ Namlea, SJUI Sorong, etc.

DJA 24 07:14:33.8 0.7, 3.3 S4.4x12.9E.1, h12km, M4.4/11,
mb4.5/5, mB4.8/2, MLv3.1/1, Mw(mB)4.1/2
IDC 24 07:14:36.6 2.0, 2.86S, 129.01E, h48km, 19km, mb3.8/9,
mb1.4/0.13, mb1mx3.7/46, mbmp4.1/13, ML3.9/4, MS3.2/2,
M51.3/2.2, ms1mx2.9/39, Error ellipse: s-maj=18.3km
s-min=10.6km az=87.0

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

GUC 24 07:16:56.8 0.7, 2.017S, 68.85W, h116km, 4km, ML3.4
IDC 24 07:16:57.4 1.4, 2.012S, 68.46W, h127km, 15km, mb3.1/3,
mb1.3/3.6, mb1mx3.2/24, mbmp3.6/6, Error ellipse:
s-maj=41.6km s-min=14.4km az=106.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB08 IPOC Station P, HMBC Humberstone, etc.

ECX 24 07:18:54.9 0.7, 31.04N, 114.19W, h20km, 19km, MD2.7,
ML2.9
MEX 24 07:19:06.5 0.3, 30.96N, 115.01W, h5km, MD3.9
ISC 24 07:18:51.7 1.5, 31.11N, 0.1x114.27W:0.06, h10km, n11,
c2011/13, 9C-2D, Gulf of California

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPX San Pedro Mart, SPIG San Pedro Mart, etc.

NNC 24 07:19:17.9 0.6, 50.03N, 78.81E, h0km, mb3.1, mpv2.6,
Error ellipse: s-maj=16.3km s-min=3.0km az=71.0,
Suspected Mining explosion

IDC 24 07:19:18.9 1.1, 50.07N, 78.77E, h0km, mb1.2, 6/2,
mb1mx2.6/48, mbmp2.6/2, ML2.2/2, Error ellipse:
s-maj=16.8km s-min=6.5km az=65.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

NIED 24 07:25:11.9 2.4, 85N, 125.37E, h48km, MW4.2, Moment
Tensor Solution. s2 Moment tensor: Scale 1015Nm;
Mn:0.74, Mo:-0.75; Mxx:0.01; Mxy:-0.21; Myx:0.65;
Fault plane solution: Mo:2.250000x1015 NPT:0.72, 000000,
s80.000000, 1.89, 000000. NP2:0.259, 000000, 3.10, 000000,
1.97, 000000.

JMA 24 07:25:11.9 0.1, 24.85N, 125.37E, h48km, 1km, M4.1
KUR07 IJJI,
IDC 24 07:25:12.8 2.1, 24.88N, 125.37E, h49km, 19km, mb4.0/31,
mb1.4/35, mb1mx4.0/57, mbmp4.2/35, ML3.6/4, Error
ellipse: s-maj=15.5km s-min=13.5km az=167.0

NEIC 24 07:25:12.4 1.6, 24.8N, 0.1x125.37E:0.07, h47km, 8km,
mb4.6/40, Error ellipse: s-maj=17.7km s-min=3.4km
az=150.0

ISC 24 07:25:12.0 0.7, 24.83N, 0.08x125.35E:0.05, h45km, 5km,
n115, c0882/117, mb4.4/49, Southwestern Ryukyu
Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOGS Gusukube, JOGS Miyako jima3, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, etc.

PDG 24 07:55:07.1 0.1, 42.76N, 20.34E, h10km, MD2.4/1,
ML2.4/13, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0
RHSSO 24 07:55:07.0 0.7, 42.71N, 20.38E, h5km, 4km, ML2.3/7
BEO 24 07:55:08.0 0.3, 42.71N, 20.33E, h5km, 2km, ML2.5/10
ISC 24 07:55:07.2 1.1, 42.73N, 0.02x20.32E:0.02, h6km, 9km,
n50, c094/92, 2D, Northwestern Balkan Peninsula

24h 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

NEIC 24 07:58:29.6, 0.6, 51.7N; 0.1x178.14E; 0.08, h125km, 5km, Error ellipse: s-maj=7.1km s-min=7.1km az=173.0

AEIC 24 07:59:29.0, 0.7, 51.74N; 0.09, 178.14E; 0.1, h128km, 5km, ML3.3/2.0, Error ellipse: s-maj=14.2km s-min=9.3km az=202.0

IDC 24 07:58:30.7, 14.0, 51.99N; 178.22E, h129km, 121km, mb3.2/7, mb1 3.4/8, mb1mx3.1/70, mbtmp3.6/8, ML4.2/1, Error ellipse: s-maj=84.4km s-min=26.8km az=15.0

ISC 24 07:58:29.4, 1.1, 51.8N; 0.2, 178.16E; 0.07, h128km, 6km, n20, c058/29, mb3.6/7, Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

IDC 24 08:02:18.6, 1.7, 3.72S; 144.55E, h0km, mb3.7/7, mb1 4.0/8, mb1mx3.8/46, mbtmp3.8/8, ML3.5/1, Error ellipse: s-maj=54.8km s-min=21.7km az=108.0

ISC 24 08:02:23.1, 6.3, 3.85S; 0.2, 144.5E; 0.3, h35km, n8, c086/8, mb3.7/7, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

2015 FEB

Table with columns: FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

IDC 24 08:04:22.9, 0.9, 34.40N; 73.57E, h0km, mb4.0/13, mb1 4.0/18, mb1mx3.9/61, mbtmp3.9/18, ML3.7/5, MS3.4/1, Msl 3.4/1, ms1mx2.7/52, Error ellipse: s-maj=24.5km s-min=16.0km az=57.0

NEIC 24 08:04:27.9, 1.3, 34.32N; 0.03, 73.7E; 0.1, h60km, 14km, mb3.7/5, Error ellipse: s-maj=14.3km s-min=3.3km az=78.0

BUI 24 08:04:31.0, 0.0, 34.90N; 73.50E, h80km, mb4.5/2, mb3.8/6, Ms4.3/1

NNC 24 08:04:32.2, 3.2, 34.94N; 72.99E, h0km, mb4.2, mpv4.5, Error ellipse: s-maj=30.2km s-min=25.7km az=126.0

ISC 24 08:04:27.2, 0.5, 34.33N; 0.05, 73.64E; 0.05, h50km, n62, c260/80, mb3.9/15, 3C-2D, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

IDC 24 08:12:53.9, 3.1, 53.55N; 67.93E, h0km, mb1 3.2/2, mb1mx2.9/5.1, mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=32.5km s-min=18.1km az=84.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

ASRS 24 08:19:55.0, 5.49N; 2.95E, h10km, MLh3.7/12, smi: org.gfz-potsdam.de/geofon/LOCSTAT earthModelID smi: org.gfz-potsdam.de/geofon/tab confirmed, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

JMA 24 08:41:53.0, 0.2, 39.66N; 143.60E, h25km, M3.1, IDC 24 08:42:00.5, 6.9, 40.04N; 142.21E, h0km, mb3.3/3, mb1 3.2/5, mb1mx3.1/50, mbtmp3.2/5, ML2.5/2, Error ellipse: s-maj=134.4km s-min=30.8km az=111.0

ISC 24 08:41:54.4, 1.6, 39.65N; 0.06, 143.43E; 0.09, h11km, n19, c1906/21, mb3.4/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

IDC 24 08:50:12.9, 1.3, 2.84S; 128.75E, h0km, mb3.6/3, mb1 3.9/5, mb1mx3.5/40, mbtmp3.7/5, ML3.7/2, MS3.6/1, Msl 3.6/1, ms1mx2.6/39, Error ellipse: s-maj=41.9km s-min=24.4km az=75.0

DJA 24 08:50:15.9, 0.3, 3.54S; 12.9E, h10km, M3.4/7, MLv3.4/7

ISC 24 08:50:15.3, 0.9, 0.279S; 0.06, 129.21E; 0.08, h33km, n11, c186/13, mb3.9/3, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fityz Crossi, 23.33 231 P, P, 08 07 28.4 -0.6, etc.

MKAR	Makanchi Array	64.31 326 P	P	09 00 48.7 +1.1
		0.2nm, 0.4s, baz=125, slow=8.4, SNR=4.4		
KURBB	Kurchatov Arra	68.54 328 P	P	09 01 16.1 +1.6
		0.3nm, 0.3s, baz=132, slow=5.7, SNR=2.9		

NEIC 24 09:02:30.8±2.6, 19°43N.0'07.78W, h0km, mb3.1km, mb4.2/30, Error ellipse: s-maj=12.8km s-min=8.4km az=194.0
 IDC 24 09:02:30.6±0.8, 19°34N.78'42W, h0km, mb3.77, mb1.4/1.0, mb1mx3.8/35, mbtmp3.9/10, ML3.7/3, MS3.5/9, Ms1.3/5.9, ms1mx3.2/45, Error ellipse: s-maj=35.8km s-min=17.0km az=48.0

JSN 24 09:02:32.0±0.8, 19°48N.78'36W, h30km, 154km, MD4.5, Fault plane solution: NP1:φ=60.0000°, δ=45.0000°, λ=82.0000°
 SSNC 24 09:02:32.0±1.9, 19°45N.78'33W, h4km, 15km, MD4.0, ML4.0, MW4.0

ISC 24 09:02:32.0±2.9, 19°46N.0'04.78W, h0.04, h16km, 19km, n108, c260/117, mb4.2/17, MS3.5/3C-3D, Cuba region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
NEJ	Negril	1.20 177	Op	09 02 51.8 -2.5	Pn	09 02 51.8 -2.5	
CBCY	The Bluff, Cay	1.31 263	Pn	09 02 53.9 -1.7	Pn	09 02 53.9 -1.7	
LMGC	Las Mercedes	1.47 65	Op	09 03 12.4 -3.7	Op	09 03 12.4 -3.7	
LMGC			IAML	09 03 13.0			
LMGC	comp=E, 1µm, 0.2s			09 03 13.1			
MTDJ	Mount Dentham	1.47 146	Pn	09 02 55.9 -2.0	Pn	09 02 55.9 -2.0	
MTDJ			Sn	09 03 13.4 -3.4	Sn	09 03 13.4 -3.4	
BBJ	Bamboo Saint A	1.51 135	Op	09 02 56.4 -2.0	Op	09 02 56.4 -2.0	
LCY	Blossom Villag	1.60 278	Pn	09 02 58.0 -1.6	Pn	09 02 58.0 -1.6	
MCJ	Malvern	1.67 156	Op	09 03 18.4 -3.2	Op	09 03 18.4 -3.2	
MCJ			Op	09 03 18.4 -3.2	Op	09 03 18.4 -3.2	
BNJ	Bonny Hill	1.77 129	Op	09 02 59.9 -2.2	Op	09 02 59.9 -2.2	
STH	Stony Gate	2.04 132	Op	09 03 03.3 -2.3	Op	09 03 03.3 -2.3	
HCC	Hope	2.13 132	Op	09 03 05.0 -1.8	Op	09 03 05.0 -1.8	
HCC	Castle Mountai	2.33 124	Op	09 03 07.2 -2.4	Op	09 03 07.2 -2.4	
ROC	Rio Carpintero	2.60 78	Op	09 03 10.9 -2.5	Op	09 03 10.9 -2.5	
RCC			Op	09 03 39.9 -4.7	Op	09 03 39.9 -4.7	
RCC			IAML	09 03 41.6			
RCC	comp=E, 367nm, 0.5s			09 03 41.6			
FSCY	Frank Sound, G	2.63 267	Pn	09 03 12.3 -1.5	Pn	09 03 12.3 -1.5	
FSCY			Sn	09 03 41.2 -4.2	Sn	09 03 41.2 -4.2	
WBCY	West Bay, Gran	2.83 269	Pn	09 03 15.4 -1.1	Pn	09 03 15.4 -1.1	
WBCY			Op	09 03 47.0 -3.2	Op	09 03 47.0 -3.2	
MGV	Manicaragua	3.03 313	Op	09 03 52.7 -2.4	Op	09 03 52.7 -2.4	
MGV			Op	09 03 19.9 -0.7	Op	09 03 19.9 -0.7	
GTMO	Guantanamo	3.13 78	Op	09 03 55.9 -1.7	Op	09 03 55.9 -1.7	
GTMO			IAML	09 03 59.8			
GTBY	Guantanamo Bay	3.13 81	Pn	09 03 19.0 -1.6	Pn	09 03 19.0 -1.6	
GTBY			Op	09 03 54.7 -3.0	Op	09 03 54.7 -3.0	
MOAC	Moia	3.45 69	Op	09 03 23.6 -1.3	Op	09 03 23.6 -1.3	
MOAC			Op	09 04 03.8 -1.7	Op	09 04 03.8 -1.7	
MOAC	comp=E, 49nm, 0.3s			09 04 08.9			
MOAC	comp=N, 156nm, 0.4s			09 03 30.6 -1.8			
MASC	Masc	3.99 79	Op	09 04 11.1 -7.7	Op	09 04 11.1 -7.7	
MASC			IAML	09 04 22.8			
MASC	comp=N, 534nm, 0.5s			09 04 23.2			
SOR	Soroa	5.43 308	Op	09 03 52.3 0.0	Op	09 03 52.3 0.0	
SOR			Op	09 04 52.6 -1.9	Op	09 04 52.6 -1.9	
LGNH	Lagne	5.56 99	Op	09 03 51.9 -2.1	Op	09 03 51.9 -2.1	
JAKH	Jacmel	5.70 101	Op	09 03 55.6 -0.3	Op	09 03 55.6 -0.3	
SDDR	Presa de Saban	6.74 93	Op	09 04 09.6 -0.7	Op	09 04 09.6 -0.7	
061Z	Chejopi	9.90 222	Op	09 04 12.5 +1.6	Op	09 04 12.5 +1.6	
GRKT	Grand Turk	7.71 72	Op	09 04 13.9 -1.4	Op	09 04 13.9 -1.4	
SRT01	Santiago de lo	7.24 89	Op	09 04 17.3 +0.2	Op	09 04 17.3 +0.2	
BANI	BANI	7.68 97	Op	09 04 23.8 +0.5	Op	09 04 23.8 +0.5	
SDD	Santo Domingo	8.09 96	Op	09 04 29.9 +1.1	Op	09 04 29.9 +1.1	
DR12	Loma Pena Alta	8.55 93	Op	09 04 35.2 +0.1	Op	09 04 35.2 +0.1	
DWPF	Disney Wildern	9.05 243	Op	09 04 43.0 +1.0	Op	09 04 43.0 +1.0	
ESPN	Las Esperanzas	9.19 219	Op	09 04 44.9 +1.0	Op	09 04 44.9 +1.0	
TEIG	Tejich	9.33 276	Op	09 04 45.7 -0.1	Op	09 04 45.7 -0.1	
TEIG	comp=E, 52nm, 0.3s, baz=93, slow=3.4, SNR=310			09 06 22.1 -8.3			
TEIG			Op	09 07 46.8			
TEIG	comp=E, 150nm, 21.3s, baz=78, slow=34			09 04 45.9 +0.1			
TEIG			Op	09 04 53.0 +1.8			
MATN	Matagalpa	9.71 239	Op	09 04 57.4 +1.5	Op	09 04 57.4 +1.5	
ACON	Acayaguá	10.05 229	Op	09 05 02.4 +0.3	Op	09 05 02.4 +0.3	
TGUH	Tejucigalpa, Un	10.50 239	Op	09 05 02.4 +0.3	Op	09 05 02.4 +0.3	
656A	Willston	11.08 94	Op	09 05 11.5 +0.2	Op	09 05 11.5 +0.2	
AOPR	Arecibo Observ	11.08 94	Op	09 05 14.2	Op	09 05 14.2	
JTS	Las Juntas de	11.10 216	Op	09 05 15.5 +0.2	Op	09 05 15.5 +0.2	
TEIG	comp=E, 161nm, 18.6s, baz=92, slow=37			09 05 14.2			
PETF	Flores	11.19 259	Op	09 05 14.2	Op	09 05 14.2	
SMLC	San Martin de	11.39 158	Op	09 05 14.2	Op	09 05 14.2	
SJG	San Juan	11.68 95	Op	09 05 14.2	Op	09 05 14.2	
CBYP	comp=E, 245nm, 19.5s, baz=269, slow=39			09 05 20.0 -1.6			
UREC	San Jos de Ur	11.96 166	Op	09 05 25.0 +3.0	Op	09 05 25.0 +3.0	
553A	Crawfordville	12.00 334	Op	09 05 21.6 -0.8	Op	09 05 21.6 -0.8	
MTP	Monte Pirata	12.24 94	Op	09 05 25.2 -0.6	Op	09 05 25.2 -0.6	
SDV	Santo Domingo	12.92 143	Op	09 05 33.9 -1.3	Op	09 05 33.9 -1.3	
SDV	comp=E, 3.0nm, 0.3s, baz=328, slow=13, SNR=16			09 07 48.9 -1.0			
SDV	comp=E, 0.6nm, 0.3s, baz=3.5, slow=19, SNR=1.9			09 09 47.5			
SDV	comp=E, 99nm, 21.1s, baz=22, slow=34			09 05 34.1 -1.1			
SDV			Op	09 05 34.8 -0.4			
PAMC	Pamplona, Colo	13.26 155	Op	09 05 39.1 -0.9	Op	09 05 39.1 -0.9	
352A	Blakely	13.34 335	Op	09 05 39.9 -0.8	Op	09 05 39.9 -0.8	
PTBC	PUERTO BERRIO,	13.40 163	Op	09 05 43.1 +1.6	Op	09 05 43.1 +1.6	
CBOD	Ciudad Bolivar	13.71 170	Op	09 05 48.3 +2.4	Op	09 05 48.3 +2.4	
SPBC	San Pablo de B	14.35 162	Op	09 05 57.9 +1.6	Op	09 05 57.9 +1.6	
RUSC	La Rusia	14.44 158	Op	09 05 57.9 +1.6	Op	09 05 57.9 +1.6	
ROSC	El Rosal	15.06 164	Op	09 05 57.9 +1.6	Op	09 05 57.9 +1.6	
TOLC	Tomilla	15.08 168	Op	09 06 10.1 +0.0	Op	09 06 10.1 +0.0	
CHIC	Chingaza	15.42 162	Op	09 06 13.5 -0.4	Op	09 06 13.5 -0.4	
ORTC	Ortega, Toilima	15.76 168	Op	09 06 18.2 +0.9	Op	09 06 18.2 +0.9	
PRAC	Prado	16.02 167	Op	09 06 17.5 +0.7	Op	09 06 17.5 +0.7	
PCRV	Puerto La Cruz	16.18 123	Op	09 06 20.3 -1.6	Op	09 06 20.3 -1.6	
PLCV	Puerto La Cruz	16.22 123	Op	09 06 20.3 -1.6	Op	09 06 20.3 -1.6	
TKL	Tuckaleechee C	16.82 345	Op	09 06 28.8 -0.1	Op	09 06 28.8 -0.1	
TKL	comp=E, 0.1nm, 0.3s, baz=157, slow=16, SNR=2.2			09 13 23.8			
PCON	Cinco Dias	17.14 173	Op	09 06 37.0 +3.9	Op	09 06 37.0 +3.9	
LCAR	Lake Charles	20.00 328	Op	09 07 04.7 +0.9	Op	09 07 04.7 +0.9	
PBMO	Poplar Bluff	20.23 311	Op	09 07 03.1 +1.0	Op	09 07 03.1 +1.0	
FCAR	Ozark Folk Cen	20.35 326	Op	09 07 07.4 -0.3	Op	09 07 07.4 -0.3	
544A	Carbonate	20.49 335	Op	09 07 10.1 +0.9	Op	09 07 10.1 +0.9	
544A			IAMB	09 07 16.7			
SIUC	Southern Illin	20.49 335	Op	09 07 09.3 +0.1	Op	09 07 09.3 +0.1	
SIUC			IAMB	09 07 23.8			
424A	Van Buren	20.74 330	Op	09 07 12.3 +0.4	Op	09 07 12.3 +0.4	
424A			IAMB	09 07 24.0			
U40A	Yellville	21.09 326	Op	09 07 14.4 -1.2	Op	09 07 14.4 -1.2	
U40A			IAMB	09 07 27.8			
WHTX	Lake Whitney,	21.19 310	Op	09 07 15.9 -0.9	Op	09 07 15.9 -0.9	
X37A	Clayton	21.30 318	Op	09 07 21.8 +3.8	Op	09 07 21.8 +3.8	
X37A			IAMB	09 07 45.1			
HHAR	Hobbs	21.62 324	Op	09 07 20.3 -1.1	Op	09 07 20.3 -1.1	
HHAR			IAMB	09 07 45.8			
CCM	Cathedral cave	21.64 332	Op	09 07 22.3 +0.7	Op	09 07 22.3 +0.7	
Z35A	Perchaven, San	21.77 313	Op	09 07 22.6 -0.4	Op	09 07 22.6 -0.4	
Z35A			IAMB	09 07 37.4			
JCT	Junction City	22.25 304	Op	09 07 27.9 -0.4	Op	09 07 27.9 -0.4	
JCT			IAMB	09 07 43.1			

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
R40A	Maddies Statio	22.30 330	Op	09 07 28.1 -0.7	Op	09 07 28.1 -0.7	
R40A			IAMB	09 07 40.2			
S39A	Solvay	22.35 327	Op	09 07 30.5 +1.3	Op	09 07 30.5 +1.3	
OK031	S. Brethren RR	23.10 319	Op	09 07 34.4 -2.7	Op	09 07 34.4 -2.7	
OK031			IAMB	09 07 49.2			
ABTX	Abilene, Hawle	23.10 309	Op	09 07 35.9 -1.3	Op	09 07 35.9 -1.3	
ABTX			IAMB	09 07 49.8			
TXAR	Lajitas Arra	24.98 298	Op	09 07 56.8 +1.7	Op	09 07 56.8 +1.7	
TXAR			IAMB	09 11 33.2 +3.0			
TXAR	comp=Z, 2.1nm, 0.6s, baz=141, slow=10, SNR=11			09 07 54.9 -0.2			
TXAR			Op	09 07 54.9 -0.2			
TX31	Lajitas Arr. Si	24.98 298	Op	09 07 54.9 -0.2	Op	09 07 54.9 -0.2	
TX32	Lajitas Arra	24.98 298	Op	09 07 55.3 +0.2	Op	09 07 55.3 +0.2	
KSU1	Kansas State U	25.12 325	Op	09 07 56.2 +0.1	Op	09 07 56.2 +0.1	
AMTX	Amarillo	25.70 311	Op	09 08 00.6 -0.9	Op	09 08 00.6 -0.9	
AMTX	Muleshoe	25.05 309	Op	09 08 07.2 +2.4	Op	09 08 07.2 +2.4	
PTGA	Pitanga	27.01 136	Op	09 08 14.9 +1.5	Op	09 08 14.9 +1.5	
PTGA	comp=Z, 1.7nm, 0.3s, baz=318, slow=9.5, SNR=8.3			09 19 02.4			
PTGA			Op	09 19 14.2			
PTGA	comp=Z, 1.12nm, 18.1s, baz=347, slow=37			09 12 42.0 +8.0			
PTGA			IAMB	09 08 15.9			
MNTA	comp=Z, 7.4nm, 0.9s			09 08 14.4 -0.1			
ANMO	Cornudas Mount	27.14 302	Op	09 08 14.4 -0.1	Op	09 08 14.4 -0.1	
ANMO			Op	09 21 15.9			
WUAZ	Wupatki	33.15 306	Op	09 09 08.4 +0.6	Op	09 09 08.4 +0.6	
ULM	Lac du Bonnet	33.73 340	Op	09 09 24.6	Op	09 09 24.6	
ULM	comp=Z, 1.70nm, 18.9s, baz=315, slow=5.6			09 09 21.1 +0.1			
KNB	Kanab	34.77 307	Op	09 09 26.0 +1.6	Op	09 09 26.0 +1.6	
PDAR	Pinedale Arry	35.05 318	Op	09 09 23.6 -0.7	Op	09 09 23.6 -0.7	
PDAR			Op	09 10 03.5 +2.7			
PDAR							

SKO 24 12:36:08.7, 41.38N-22.29E, h3km, 2D, Northwestern Balkan Peninsula
Code Station Name A° AZ° Phase ID Time Res
VAY Valandovo 0.22 106 Op ISC h m s ISC
VAY VAY 12 36 12.2 +0.7 Pg Pg 12 36 16.3 +0.5
VAY comp=E, 13nm, 0.7s eLg Sg 12 36 21.5

IDC 24 12:36:50.1, 1.5, 34.23N-25.21E, h0km, mb3.8/4, mb1 3.8/5, mb1mx3.4/40, mbtmp3.8/5, ML3.5/1, Error ellipse: s-maj=29.6km s-min=14.7km az=73.0, Crete
Code Station Name A° AZ° Phase ID Time Res
IDI Anoyia 1.09 346 Op ISC h m s ISC
IDI 3.1nm, 0.3s, baz=259, slow=12, SNR=17 Pg Pg 12 37 11.2 +0.1

IDC 24 12:52:23.7, 5.9, 35.78N-72.25E, h0km, mb3.5/2, mb1 3.8/4, mb1mx3.3/47, mbtmp3.7/4, ML3.5/2, Error ellipse: s-maj=131.2km s-min=39.3km az=154.0
Code Station Name A° AZ° Phase ID Time Res
IUG Iuzhnyy 5.0nm, 0.2s 5.14 348 Op ISC h m s ISC
IUG 12 55 58.8 +4.3 Pg Pg 12 54 53.9

IDC 24 12:52:37.3, 0.9, 37.12N-10.07, h10km, n24, c3508/28, 6C-2D, Afghanistan-Tajikistan border region
Code Station Name A° AZ° Phase ID Time Res
IUG Iuzhnyy 9.8nm, 0.6s 5.14 348 Op ISC h m s ISC
IUG 12 55 58.8 +4.3 Pg Pg 12 54 53.9

IDC 24 12:52:48.6, 1.1, 39.63N-106.143, h0km, mb3.7, mpv3.4, 1C, Error ellipse: s-maj=29.5km s-min=21.4km az=28.0, Southeastern Uzbekistan
Code Station Name A° AZ° Phase ID Time Res
IUG Iuzhnyy 9.8nm, 0.6s 3.28 36 Op ISC h m s ISC
IUG 12 02 20.7 +0.5 Pg Pg 12 03 06.2

IDC 24 13:02:46.6, 1.7, 39.58N-143.36E, h0km, mb3.5/5, mb1 3.6/9, mb1mx3.4/51, mbtmp3.5/9, ML3.0/2, Error ellipse: s-maj=36.2km s-min=23.3km az=113.0
Code Station Name A° AZ° Phase ID Time Res
IUG Iuzhnyy 9.8nm, 0.6s 3.28 36 Op ISC h m s ISC
IUG 12 02 20.7 +0.5 Pg Pg 12 03 06.2

IDC 24 13:02:48.6, 1.1, 39.63N-106.143, h0km, mb3.7, mpv3.4, c0589/23, mb3.5/5, Off east coast of Honshu
Code Station Name A° AZ° Phase ID Time Res
MIYJ Miyakonagasa 1.5° 268' Op ISC h m s ISC
MIYJ 12 03 09.4 -1.1 Pg Pg 12 03 09.4 -1.1

IDC 24 12:54:08.2, 0.2, 17S-100.25E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.7/46, mbtmp3.9/9, Error ellipse: s-maj=64.6km s-min=18.8km az=60.0
Code Station Name A° AZ° Phase ID Time Res
MNAI Manna 3.64 125 Op Pn Pn 12 55 06.3 +0.1
GSI Gunungsitoli 4.28 326 Pn Pn 12 55 14.1 -0.8

WRA Warramunga Arr 37.89 120 P P 13 01 26.5 -0.2
WRAB Tennant Creek 37.90 120 P P 13 01 27.4 +0.6
WRAB comp=Z, 4.5nm, 1.1s Iamb Iamb 13 01 47.1

NNC 24 13:01:21.1, 4.2, 39.51N-67.47E, h0km, mb3.7, mpv3.4, 1C, Error ellipse: s-maj=29.5km s-min=21.4km az=28.0, Southeastern Uzbekistan
Code Station Name A° AZ° Phase ID Time Res
IUG Iuzhnyy 9.8nm, 0.6s 3.28 36 Op ISC h m s ISC
IUG 12 02 20.7 +0.5 Pg Pg 12 03 06.2

IDC 24 13:02:46.6, 1.7, 39.58N-143.36E, h0km, mb3.5/5, mb1 3.6/9, mb1mx3.4/51, mbtmp3.5/9, ML3.0/2, Error ellipse: s-maj=36.2km s-min=23.3km az=113.0
Code Station Name A° AZ° Phase ID Time Res
MIYJ Miyakonagasa 1.5° 268' Op ISC h m s ISC
MIYJ 12 03 09.4 -1.1 Pg Pg 12 03 09.4 -1.1

IDC 24 13:02:48.6, 1.1, 39.63N-106.143, h0km, mb3.7, mpv3.4, c0589/23, mb3.5/5, Off east coast of Honshu
Code Station Name A° AZ° Phase ID Time Res
MIYJ Miyakonagasa 1.5° 268' Op ISC h m s ISC
MIYJ 12 03 09.4 -1.1 Pg Pg 12 03 09.4 -1.1

IDC 24 13:11:03.0, 2.2, 4.15S-136.82E, h0km, mb3.5/1, mb1 4.0/5, mb1mx3.6/31, mbtmp3.8/5, ML3.8/4, Error ellipse: s-maj=84.3km s-min=29.7km az=78.0
Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 44.95 300 P P 13 05 57.7 -0.6
WRA 0.4nm, 0.5s, baz=84, slow=9, SNR=7.5

IDC 24 13:11:08.2, 1.3, 4.45S-101.137, h0km, n16, c130/18, Irian Jaya region
Code Station Name A° AZ° Phase ID Time Res
FAKI Fak Fak 4.96 288 Op Pn Pn 13 12 20.9 +0.7
COEN Coen 11.28 148 Pn Pn 13 14 46.2 -0.5

IDC 24 13:11:08.2, 1.3, 4.45S-101.137, h0km, n16, c130/18, Irian Jaya region
Code Station Name A° AZ° Phase ID Time Res
FAKI Fak Fak 4.96 288 Op Pn Pn 13 12 20.9 +0.7
COEN Coen 11.28 148 Pn Pn 13 14 46.2 -0.5

AS31 Alice Springs 19.34 189 Pn Iamb 13 15 33.5 +1.5
ASAR Alice Springs 19.34 189 Pn Pn 13 15 34.3 +2.2
ASAR comp=Z, 1.0nm, 0.3s, baz=16, slow=10, SNR=78

BUI 24 13:11:22.3, 0.0, 12.86N-51.44E, h8km, mb5.2/35, mb4.7/61, Ms4.8/11, Ms7.4/49
IDC 24 13:11:23.9, 0.4, 13.02N-51.08E, h0km, mb4.5/31, mb1 4.6/34, mb1mx4.5/57, mbtmp4.5/34, ML4.2/3, MS4.0/19, ms-min=10.6km az=120.0
NEIC 24 13:11:24.4, 1.8, 13.03N-51.06E, h10km, mb4.9/87, Error ellipse: s-maj=12.4km s-min=2.8km az=138.0

SOCY Socotra 2.91 107 Pn Pn 13 12 09.3 -2.0
SOCY Socotra 2.91 107 Pn Pn 13 12 09.8 -1.6
SOCY SNR=16
ABTO Aybut SNR=8.0 4.74 26 P Sn 13 12 42.9 -3.1

IDC 24 13:11:25.6, 0.3, 13.07N-51.05E, h10km, n228, c139/241, mb4.8/104, MS4.0/19, 1C-2D, Eastern Gulf of Aden
Code Station Name A° AZ° Phase ID Time Res
SOCY Socotra 2.91 107 Pn Pn 13 12 09.3 -2.0
SOCY Socotra 2.91 107 Pn Pn 13 12 09.8 -1.6

IDC 24 13:11:25.6, 0.3, 13.07N-51.05E, h10km, n228, c139/241, mb4.8/104, MS4.0/19, 1C-2D, Eastern Gulf of Aden
Code Station Name A° AZ° Phase ID Time Res
SOCY Socotra 2.91 107 Pn Pn 13 12 09.3 -2.0
SOCY Socotra 2.91 107 Pn Pn 13 12 09.8 -1.6

IDC 24 13:11:25.6, 0.3, 13.07N-51.05E, h10km, n228, c139/241, mb4.8/104, MS4.0/19, 1C-2D, Eastern Gulf of Aden
Code Station Name A° AZ° Phase ID Time Res
SOCY Socotra 2.91 107 Pn Pn 13 12 09.3 -2.0
SOCY Socotra 2.91 107 Pn Pn 13 12 09.8 -1.6

IDC 24 13:11:25.6, 0.3, 13.07N-51.05E, h10km, n228, c139/241, mb4.8/104, MS4.0/19, 1C-2D, Eastern Gulf of Aden
Code Station Name A° AZ° Phase ID Time Res
SOCY Socotra 2.91 107 Pn Pn 13 12 09.3 -2.0
SOCY Socotra 2.91 107 Pn Pn 13 12 09.8 -1.6

IDC 24 13:11:25.6, 0.3, 13.07N-51.05E, h10km, n228, c139/241, mb4.8/104, MS4.0/19, 1C-2D, Eastern Gulf of Aden
Code Station Name A° AZ° Phase ID Time Res
SOCY Socotra 2.91 107 Pn Pn 13 12 09.3 -2.0
SOCY Socotra 2.91 107 Pn Pn 13 12 09.8 -1.6

24d 13h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like DZA Taraz, GKN Gorkha, DMN Daman, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like MNK comp=N,106nm,9.1s, MHMT Maesarieng Trieste, MORC Moravsky Berou, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CISI Cisompet, Garu, WHN Wuhan, NRIK Noril'sk, etc.

IDC 24 13:24:35.4:34.0, 16:29S-178:48W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.1/42, mbtmp3.8/3, ML3.4/1, Error ellipse: s-maj=642.7km s-min=146.2km az=82.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 24 13:35:27.5:4.1, 53:18N-163:26E, h0km, mb3.2/2, mb1 3.6/3, mb1mx3.1/42, mbtmp3.4/3, ML3.4/1, Error ellipse: s-maj=213.2km s-min=30.3km az=179.0

KRSC 24 13:35:57.9:0.6, 53:52N-159:161E, h99km, 7km, ML3.6

ISC 24 13:35:58.5:1.1, 53:51N-105:159.60E-0:05, h102km, 7km, n33, r1938/44, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like NLC Nalytchevo, NDLR Sedlovina, SPN Mys Shipunski, etc.

ADC 24 13:38:42.6:37.0, 14'45N-52'28E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/4.1, mbtmp3.4/4, Error ellipse: s-maj=747.9km s-min=60.3km az=55.0, Eastern Gulf of Aden

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
MKAR	Makanchi Array	40.56 31	Op	13 46 24.2	+0.4
KURBB	Kurchatov Arr	41.66 25	P	13 46 32.7	-0.1
CMAR	Chiang Mai Arr	44.33 78	P	13 46 54.9	0.0
SOMN	Songino Array	55.19 41	P	13 48 16.5	-0.9

ADC 24 14:22:27.8:5.8, 2'80N-99'09E, h0km, mb3.1/3, mb1 3.3/3, mb1mx2.9/68, mbtmp3.1/3, MS3.0/1, Ms1 3.0/1, ms1mx2.6/12, Error ellipse: s-maj=317.6km s-min=27.5km az=55.0, Northern Sumatra

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
KAPI	Kappang	22.05 111	LR	14 36 29.7	
WRA	Warramunga Arr	42.11 126	P	14 30 15.7	0.0
ASAR	Alice Springs	42.90 130	P	14 30 28.4	-0.2
MKAR	Makanchi Array	46.20 34	P	14 30 54.3	-0.2

ADC 24 14:27:59.4:2.7, 22'99N-81'53E, h0km, mb3.5/5, mb1 3.6/6, mb1mx3.4/64, mbtmp3.5/6, ML3.5/1, Error ellipse: s-maj=84.9km s-min=23.1km az=71.0

ADC 24 14:28:05.9:2.7, 23'11N-03'81E-0.4, h35km, n6, e1929/6, mb3.6/5, Southern India

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
CMAR	Chiang Mai Arr	16.65 103	Ph	14 31 59.0	+0.3
MKAR	Makanchi Array	23.65 11	P	14 33 12.4	-1.6
ZALV	Zalesovo Beam	30.89 3	P	14 34 20.2	+1.4
SOMN	Songino Array	31.52 32	P	14 34 24.4	-0.3
WRA	Warramunga Arr	66.73 126	P	14 38 53.2	-0.7
ASAR	Alice Springs	68.70 129	P	14 39 06.5	+0.3

BJJ 24 14:30:23.8:0.0, 36'53N-70'79E, h205km, mb4.7/23, mb4.3/38

MOS 24 14:30:23.7:0.9, 36'49N-70'81E, h208km, mb4.4/25, Error ellipse: s-maj=7.0km s-min=3.9km az=75.7

ADC 24 14:30:24.0:1.8, 36'37N-70'80E, h199km, mb3.9/25, mb1 3.9/31, mb1mx3.7/65, mbtmp4.4/31, MS2.5/1, Ms1 2.5/1, ms1mx2.3/53, Error ellipse: s-maj=12.1km s-min=8.9km az=8.0

NEIC 24 14:30:24.8:1.5, 36'51N-0'07E-0.05, h202km, 6km, mb4.5/79, Error ellipse: s-maj=11.3km s-min=2.7km az=152.0

NNC 24 14:30:29.4:2.1, 36'91N-70'75E, h214km, 17km, mb3.5, mp4.5, Error ellipse: s-maj=19.8km s-min=12.4km az=26.0

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
KBL	Kabul	2.36 216	Op	14 31 07.8	+0.5
KB	Kabul	2.36 216	Ph	14 31 07.9	+0.5
CEP	Cherat	2.80 160	P	14 31 13.3	+1.1
NIL	Nilore	3.48 143	PN	14 31 21.2	+1.1
NIL	Nilore	3.48 143	Ph	14 31 21.2	+1.1
THW	Thamme Wali	3.75 167	P	14 31 24.1	+0.7
SAFP	Sargodha	4.81 160	P	14 31 36.5	+0.4
KSH	Kashi	5.14 92	sP	14 32 16.9	
KSH			S	14 32 28.8	-1.2
KSH	comp=N,620nm,0.7s		smax		
KSH	comp=E,350nm,0.5s		smax		
KSH			LR		
KSH	comp=Z,3um,3.9s		LR		
IUG	Iuzhnay	5.70 355	eP	14 31 47.7	-0.2
IUG	Iuzhnay	5.70 355	ePN	14 31 47.7	-0.2
AML	Almayashu	6.11 21	P	14 31 53.2	-0.2
DZA	Taraz	6.44 4	eP	14 31 57.4	0.0
DZA	22nm,0.6s,baz=3.5	6.44 4	Ph	14 31 58.9	+1.6
DZA	68nm,0.1s		Lg	14 33 07.4	
DZA	951nm,0.5s		Lg	14 33 07.4	
DZA	Taraz	6.44 4	ePN	14 31 57.3	0.0
DZA			pmax		
UCH	comp=Z,22nm,0.6s		Op		
UCH	Uchitov	6.46 26	P	14 31 57.9	-0.1
MRKS	Merke	6.56 16	Pg	14 31 58.9	-0.1
MRKS	comp=Z,123nm,0.5s		Lg	14 33 07.7	
EKS2	Erkin-Say	6.62 20	P	14 31 59.8	0.0
KK31	Karatay Array	6.63 359	P	14 31 59.5	-0.4
KK31	comp=Z,5.8nm,0.3s,baz=191,slow=13,SNR=264		IS	14 33 10.5	-4.9
KK31	comp=Z,188nm,0.6s		IS	14 33 10.5	-4.9
KK31	Karatay Array	6.63 359	PN	14 31 59.4	-0.4
KKAR	Karatay Array	6.63 359	PN	14 31 59.4	-0.4
KKAR	Karatay Array	6.63 359	PN	14 31 59.4	-0.4
KKAR	Karatay Array	6.63 359	PN	14 31 59.4	-0.4
AAK	Ala-Archa	6.82 24	P	14 32 02.3	-0.1
AAK	comp=Z,6.7nm,0.3s,baz=192,slow=7.4,SNR=66		S	14 33 17.4	-2.5
AAK	Ala-Archa	6.82 24	P	14 32 02.4	+0.1
AAK	Ala-Archa	6.82 24	IP	14 32 02.3	-0.1
AAK	comp=Z,24nm,0.9s		IS	14 33 16.7	-3.3
AAK	comp=Z,235nm,0.7s		IS	14 33 16.7	-3.3
AAK	Ala-Archa	6.82 24	Ph	14 32 02.2	-0.2
KBK	Karagaybulak	6.99 26	P	14 32 04.8	+0.2
ULHL	Ulaloh	7.18 35	P	14 32 06.9	-0.2
CHMS	Chumysh	7.22 24	P	14 32 07.5	0.0
HRA	Herat	7.23 256	Ph	14 32 08.0	+0.1
USP	Ospenovka	7.39 22	P	14 32 08.9	-0.7
TKM2	Tokmak 2	7.46 29	P	14 32 10.7	-0.1
TKM2	Tokmak 2	7.46 29	IP	14 32 10.5	-0.3
TKM2	comp=Z,64nm,1.0s		IS	14 33 21.8	-1.3
TKM2	Tokmak 2	7.46 29	IP	14 32 10.4	-0.3
TKM2			pmax		
SGDS	Sogindy	7.59 22	eP	14 32 11.0	-1.3
SGDS	Sogindy	7.59 22	Pg	14 32 11.2	-1.1
SGDS	Sogindy	7.59 22	ePN	14 32 11.0	-1.3
KSTK	Kastek	7.71 30	P	14 32 14.1	+0.2
DGS	Degeres	7.80 28	Pg	14 32 14.4	-0.7
DGS	comp=Z,16nm,0.7s		Lg	14 33 33.6	
MTBS	Maltube	7.97 32	Pg	14 32 17.8	+0.6

IZV	Izvestkoviy	7.97 33	Pg	14 32 17.3	-0.1
IZV	comp=Z,19nm,0.5s		Lg	14 33 38.7	
TNSS	Tian-Shan	8.12 34	eP	14 32 19.0	-0.6
TNSS	comp=Z,8.8nm,0.6s		Lg	14 33 42.2	
TNSS	Tian-Shan	8.12 34	Pg	14 32 19.1	-0.4
TNSS	comp=Z,9.9nm,0.5s		Lg	14 33 42.2	
TNSS	Tian-Shan	8.12 34	ePN	14 32 19.8	-0.6
KRBS	Karabastau	8.15 26	Pg	14 32 19.2	-0.5
AAA	Alma-Ata	8.24 33	eP	14 32 20.8	0.0
AAA	Alma-Ata	8.24 33	ePN	14 32 20.8	0.0
AAA	comp=Z,9.0nm,0.6s		pmax		
MDOK	Medeo	8.27 34	eP	14 32 20.6	-0.7
MDOK	Medeo	8.27 34	IP	14 32 21.1	0.0
MDOK	Medeo	8.27 34	Pg	14 32 21.3	+0.1
MDOK	comp=Z,13nm,0.6s		Lg	14 33 45.6	
MDOK	Medeo	8.27 34	IP	14 32 21.1	0.0
MDOK	comp=Z,14nm,0.4s		Lg	14 33 45.6	
MDOK	Medeo	8.27 34	ePN	14 32 20.5	-0.7
KNDC	Kandak	8.27 33	IP	14 32 21.7	+0.5
KTBS	Karabote	8.55 30	Pg	14 32 25.2	+0.4
KTBS	comp=Z,1.7nm,0.7s		Lg	14 33 52.4	
CHKK	Chushkaly	8.80 31	eP	14 32 26.4	-1.6
CHKK	Chushkaly	8.80 31	ePN	14 32 26.3	-1.6
SATY	Saty	8.85 40	eP	14 32 27.6	-1.1
SATY	Saty	8.85 40	Pg	14 32 28.4	-0.3
SATY	comp=Z,5.8nm,0.7s		Lg	14 33 58.2	
SATY	Saty	8.85 40	ePN	14 32 27.6	-1.1
BTLS	Baital	8.93 15	eP	14 32 28.6	-1.1
BTLS	Baital	8.93 15	ePN	14 32 28.5	-1.1
KURS	Kuram	9.04 37	Pg	14 32 31.7	+0.6
KURS	comp=Z,9.7nm,0.6s		Lg	14 34 03.8	
UZB	Uzynbulak	9.23 41	eP	14 32 32.9	-0.8
UZB	Uzynbulak	9.23 41	ePN	14 32 32.9	-0.8
KPKS	Kokpek	9.28 39	eP	14 32 32.9	-1.4
KPKS	Kokpek	9.28 39	ePN	14 32 32.8	-1.4
SHLS	Shalkode	9.47 42	eP	14 32 38.4	+1.5
SHLS	Shalkode	9.47 42	Pg	14 32 39.9	+3.1
SHLS	comp=Z,8.6nm,0.9s		Lg	14 34 17.7	
SHLS	Shalkode	9.47 42	eP	14 32 38.3	+1.5
NDI	New Delhi	9.49 143	eS	14 32 37.0	0.0
NDI	New Delhi	9.49 143	eS	14 34 15.0	-8.5
PDGK	Podgornoye	9.60 42	Pg	14 32 41.1	+2.6
PDGK	Podgornoye	9.60 42	IP	14 34 20.1	
PDGK	Podgornoye	9.60 42	IP	14 32 38.5	0.0
PDGK	Podgornoye	9.60 42	pmax	14 32 38.5	0.0
PDGK	comp=Z,8.0nm,0.5s		Lg	14 34 20.1	
GEYT	Alibek	10.17 282	P	14 32 44.5	-1.4
GEYT	comp=Z,3.3nm,0.3s,baz=106,slow=11,SNR=46		S	14 34 37.3	-2.6
GEYT	Alibek	10.17 282	Ph	14 32 43.6	-2.2
GYA0B	ALIBEK ARRAY	10.17 282	Ph	14 32 44.0	-1.8
TDK	Taldyqorghan	10.32 32	eP	14 32 46.7	-1.0
TDK	Taldyqorghan	10.32 32	IP	14 32 46.6	-1.0
MAK2	Makanchi	13.31 36	IP	14 33 24.5	-1.1
MAK2	Makanchi	13.31 36	P	14 33 24.9	-0.6
MAK2	Makanchi	13.31 36	Ph	14 33 24.9	-0.6
MK31	Makanchi Array	13.45 36	P	14 33 26.2	-1.0
MK31	Makanchi Array	13.45 36	P	14 33 26.3	-1.0
MK31	Makanchi Array	13.45 36	P	14 33 26.3	-1.0
MKAR	Makanchi Array	13.45 36	P	14 33 26.4	-0.8
MKAR	comp=Z,1.1nm,0.3s,baz=220,slow=11,SNR=41		pmax	14 33 26.7	-0.5
MKAR	Makanchi Array	13.45 36	Ph	14 33 25.9	-1.3
MKAR	comp=Z,17nm,0.6s		pmax	14 33 39.2	-0.9
GMK	Gorkh	14.47 122	eP	14 33 39.2	-0.9
WMQ	Urumqi	14.89 55	eP	14 33 47.0	+1.2
WMQ	Urumqi	14.89 55	S	14 36 32.4	+2.1
WMQ	comp=Z,18nm,0.9s		pmax	14 33 47.0	+1.2
WMQ	comp=Z,100nm,7.5s		LR	14 33 47.0	+1.2
WMQ	comp=Z,670nm,29.2s		LR	14 33 47.0	+1.2
WMQ	comp=Z,1um,28.9s		LR	14 33 47.0	+1.2
WMQ	comp=Z,110nm,28.1s		LR	14 33 47.0	+1.2
WMQ	Urumqi	14.89 55	P	14 33 45.4	+0.3
WMQ	Urumqi	14.89 55	P	14 33 45.4	+0.3
AB31	Akbulak array	15.01 332	P	14 33 45.4	-1.0
ABKAR	Akbulak array	15.01 332	P	14 33 44.8	-1.6
DMN	Dama	15.04 122	eP	14 33 46.7	-0.5
ZSN	Zaisan	15.17 39	eP	14 33 48.1	-0.4
ZSN	Zaisan	15.17 39	eP	14 33 48.0	-0.4
KURBB	Kurchatov Arra	15.23 19	P	14 33 47.9	-1.1
KURBB	comp=Z,0.6nm,0.3s,baz=210,slow=11,SNR=68		ScP	14 41 54.0	-0.9
PKIN	Phulchoki	15.26 121	eP	14 33 49.1	-0.8
PKI	Pulchoki	15.27 121	eP	14 33 49.2	-0.9
KURK	Kurchatov	15.34 19	IP	14 33 49.1	-1.2
KURK	Kurchatov	15.34 19	ScP	14 33 48.2	-2.1
KURK	Kurchatov	15.34 19	Ph	14 33 48.2	-2.1
KURK	Kurchatov	15.34 19	IP	14 33 48.2	-2.1
KURK	Kurchatov	15.34 19	IP	14 33 48.2	-2.1
GUN	Gumba	15.3			

24d 14h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BURAR, KOLS, FIA1, FINES, KEV, ARAD, etc.

2015 FEB

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BNTX, BOZO, ANMO, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like T35A, T35B, T35C, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DJA 24 16:40:26.9, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JMA 24 17:32:43.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like U40A, U40B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WEL 24 16:53:35.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JKH, JIH, JIO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like U40A, U40B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NNC 24 16:55:48.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KAN13, KAN11, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CCM, N35A, etc.

24d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for Yeager Farm, EROS Data Cent, Meyer Farm, Albuquerque, Anamosa, etc.

KRSC 24 19:54:01.1-1.1, 49.20N:157.19E, h162km, 24km, ML4.1
MOS 24 19:54:02.8-0.7, 49.15N:156.50E, h40km, mb4.3/1, Error ellipse: s-maj=19.4km s-min=5.4km az=79.1

IDC 24 19:54:09.0-4.4, 49.58N:155.78E, h49km, 27km, mb3.2/7, mb1 3.4/10, mb1mx3.2/42, mbtmp3.5/10, M-L3.73, MS2.9/2, Ms1 2.9/2, ms1mx2.5/24, Error ellipse: s-maj=17.7km s-min=24.2km az=130.0

ISC 24 19:54:03.8-1.1, 49.16N:0.08E:156.6E:0.1, h34km, n50, a11152, mb3.4/7, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for Severo-Kuril's, Pauzhetka, Khodutka, Kamc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WAKE ISLAND Hy 30.52 161 T, WAKE ISLAND Hy 30.53 161 T, etc.

NEIC 24 19:11:40.6-1.6, 35.48S:0.04:70.1W:0.1, h162km, 6km, mb4.3/10, Md4.3(SJA), ML4.0(GUC), Error ellipse: s-maj=12.8km s-min=6.5km az=83.0

GUC 24 19:11:41.4-0.6, 35.43S:70.23W, h170km, 4km, ML4.0
IDC 24 19:11:41.4-0.6, 35.43S:70.23W, h163km, 6km, mb3.5/7, mb1 3.7/11, mb1mx3.7/26, mbtmp4.0/11, Error ellipse: s-maj=26.5km s-min=15.7km az=96.0

VAO 24 19:12:03.9-2.7, 34.56S:68.61W, h269km, 22km, mb4.3
ISC 24 19:11:40.7-0.6, 35.50S:0.05:70.13W:0.08, h159km, 5km, n74, a11291, mb3.9/8, 1C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for Sierra Bellavi, San Fabin de, etc.

2015 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for San Fabin de, Las Melosas, Pichilemu, Talagante, Universidad Ad, Renca, etc.

KRSC 24 19:15:05.3-1.4, 49.224N:157.16E, h162km, 28km, ML4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for Severo-Kuril's, Pauzhetka, Khodutka, Kamc, etc.

KRSC 24 19:15:05.3-1.4, 49.224N:157.16E, h162km, 28km, ML4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for Severo-Kuril's, Pauzhetka, Khodutka, Kamc, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TUMR Tumrok, Merke, Boroday, Karatay Array, etc.

B/IJ 24 19:28:45.2 0.0, 36.760N:71.08E, h163km, mb4.9/1
IDC 24 19:28:46.6-6.8, 36.58N:71.53E, h182km, 58km, mb3.3/5, mb1 3.4/8, mb1mx2.9/45, mbtmp3.9/8, Error ellipse: s-maj=58.5km s-min=21.4km az=38.0

NEIC 24 19:28:48.9-2.6, 36.85N:0.07:71.16E:0.07, h181km, 4km, mb4.4/12, Error ellipse: s-maj=9.6km s-min=7.6km az=196.0

NNC 24 19:28:53.7-2.2, 37.17N:71.18E, h190km, 34km, mb2.9, mpv3.9, Error ellipse: s-maj=24.2km s-min=13.1km az=25.0

ISC 24 19:28:48.0-0.6, 36.73N:0.06:71.12E:0.07, h188km, n56, a1135/45, mb4.2/9, 4C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for Nilore, Kashi, Iuzhnyy, Karatay Array, etc.

KRSC 24 19:15:05.3-1.4, 49.224N:157.16E, h162km, 28km, ML4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for Severo-Kuril's, Pauzhetka, Khodutka, Kamc, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DUB01, VNA3, NIL, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UZB, SVL, SHLS, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FITZ, NJ2, YKA, etc.

25d 1h

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like AKASG Malin Array Be, NOA NORSAR Array B, NVAR Nina Array Be, etc.

IDC 25 00:29:14.8±1.5, 0.95N, 127.25E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.6/3.4, mbtmp3.9/4, MS3.3/1, Ms1.3/3.1, ms1mx2.7/3.5, Error ellipse: s-maj=137.5km s-min=20.8km az=69.0

DJA 25 00:29:14.6±0.5, 1°N, 3°12'E, h10km, M3.6/5, MLV3.6/5, IDC 25 00:29:16.3±1.1, 0.92N, 127.1E, h10km, n5, c045/7, mb4.0/4, Halmahera

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like Ternate, Sangihe, Warramunga Arr, etc.

IDC 25 00:29:38.1±1.8, 1.06N, 127.22E, h0km, mb3.9/4, mb1.4/0.4, mb1mx3.5/3.8, mbtmp3.9/4, Error ellipse: s-maj=168.7km s-min=22.1km az=67.0, Halmahera

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like Warramunga Arr, ASAR Alice Springs, etc.

UPP 25 00:32:51.0±0.0, 67.81N, 20.19E, h0km, ML2.2, Explosion, Sweden

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like KURAVAARA, LAUKKULUSPA, etc.

BER 25 00:32:59.3±1.2, 61.51N, 4.40E, h8km, 4km, ML1.1, Confirmed Earthquake, Southern Norway

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like FOO Floro, SUE Sulen, etc.

NDI 25 00:39:13.6±3.2, 15.69N, 80.24E, h8km, 16km, ML4.0, IDC 25 00:39:31.3±3.8, 2.0, 17.94N, 81.23E, h0km, mb3.8/4, mb1.3/8.4, mb1mx3.3/5.2, mbtmp3.9/4, MS3.3/1, Ms1.3/3.1, ms1mx2.6/4.6, Error ellipse: s-maj=1428.0km s-min=104.5km az=17.0

ISC 25 00:39:12.0±0.8, 15.69N, 80.24E, h0km, n25, c221/35, mb3.5/4, Southern India

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like HYB Hyderabad, MDRS Chennai, etc.

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Table with columns: TRD, Station Name, Time, Res, and other parameters. Includes stations like Trivandrum, Bhopal, Bokaro, etc.

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like DMN Daman, PKIN Pulchoki, GKN Gorkha, etc.

MEX 25 00:58:46.0±1.2, 14.59N, 91.76W, h83km, 35km, MD3.9, Guatemala

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like THIG THIG, CCGI Comitán, etc.

IDC 25 01:04:12.0±4.3, 36.32N, 69.38E, h106km, 90km, mb3.4/6, mb1.3/4.1, mb1mx3.1/5.6, mbtmp3.8/12, Error ellipse: s-maj=47.4km s-min=16.2km az=164.0

NMC 25 01:04:20.6±2.6, 36.88N, 69.36E, h168km, 96km, mb3.1, mpv3.9, Error ellipse: s-maj=53.4km s-min=31.0km az=27.0

ISC 25 01:04:12.4±0.6, 36.45N, 0.06E, 69.37E, 0.06, h100km, n37, c2920/45, mb3.3/5, 8C-2D, Hindu Kush region

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like CEP Cherat, THW Thamme Wali, etc.

NEIC 25 01:31:41.5±1.9, 6.08N, 0.05E, 119.84E, 0.05, h9km, 1km, mb5.5/18.8, Ms 2.0, 2.32/1, Mw5.6/24, Mw5.7, Mw5.7(GCMT), Error ellipse: s-maj=9.9km s-min=6.8km az=227.0

BUI 25 01:31:41.8±0.0, 5.98N, 119.96E, h28km, mb5.2/7.9, mb5.1/8.5, Ms5.4/9.6, Ms7.5/1.88

NEIC 25 01:31:43.9±0.6, 0.9N, 119.84E, h9km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.10; Mth=1.78; Mty=1.67; Mnz=0.32; Mxy=-2.14; Mxz=-0.43; Fault plane solution: M2, 80000x10^17 NP1, 70, 310000; 879, 630000; 1, 177, 410000. NP2, 80, 780000; 887, 450000; 1, 178, 390000. Principal axes: T 2, 8767; P19, 00000; Azm28, 00000; N -0.1586; Plg79, 00000; Azm174, 00000; P -2, 7200. P19, 00000; Azm295, 00000.

MOS 25 01:31:43.5±0.9, 6.11N, 119.90E, h33km, mb5.4/7.1, Ms5.0/2.26, Error ellipse: s-maj=7.3km s-min=4.0km az=109.2

GCMT 25 01:31:44.5±0.1, 6.15N, 0.01E, 119.87E, 0.01, h18km, Mw5.7/164, Moment Tensor Solution. Scale 10^17Nm; Mrr=0.10; s164, c222; Duration: 177 Moment tensor: Scale 10^17 Nm; Mrr=0.11; Mth=1.97; Mty=1.86; Mnz=0.30; Mxy=-2.14; Mxz=-0.43; Best double couple: M3, 969000x10^17 NP1, 74, 00000; 859, 00000; Azm28, 00000; N -0.1586; Plg79, 00000; Azm174, 00000; P -2, 7200. Principal axes: T 2, 8767; P19, 00000; Azm32, 00000; N 0.2040; Plg59, 00000; Azm157, 00000; P -4, 0720. Plg24, 00000; Azm294, 00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 25 01:31:44.9±0.7, 6.2N, 12.7E, h25km, 5km, Ms 5.9/6, mb6.0/7.8, mb5.6/9.6, MLV6.1/13, Mw5.6/25, Mw(B)5.6/7.8, Mw/Wp5.4/49, MwP5.5/49

MAN 25 01:31:45.5±6.3, 34N, 119.95E, h42km, Ms5.5, MAN INTENSITY II - LANGUYAN

NEIC 25 01:31:45.6±1.9, 1.9N, 119.88E, h18km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.09; Mth=2.18; Mty=2.00; Mnz=0.50; Mxy=-1.86; Mxz=-0.47. Principal axes: T 2, 8767; P19, 00000; Azm28, 00000; N -0.1586; Plg79, 00000; Azm174, 00000; P -2, 7200. Principal axes: T 2, 8767; P19, 00000; Azm32, 00000; N 0.2040; Plg59, 00000; Azm157, 00000; P -4, 0720. Plg24, 00000; Azm294, 00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 25 01:10:52.1±2.2, 0.71N, 126.87E, h0km, mb3.3/3, mb1.3/6.3, mb1mx3.2/3.0, mbtmp3.4/3, Error ellipse: s-maj=178.8km s-min=27.1km az=66.0

ISC 25 01:10:52.7±1.6, 1.0N, 127.5E, h10km, n5, c060/6, mb3.3/3, Halmahera

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like TNTI Ternate, GNTI Gontolito, etc.

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Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, etc.

IGL 25 01:17:17.9, 31.74N, 16.94W, h10km, ML3.7, INMG 25 01:17:20.9, 1.6, 31.76N, 16.94W, h10km, 2.4km, ML3.8, Error ellipse: s-maj=8.0km s-min=7.0km az=57.0

ISC 25 01:17:19.0±1.6, 32.1N, 0.1x16.60W, 0.06, h10km, n42, c254/63, 4C, Madeira Islands region

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like FUL Funchal, PMAR Madeira, PIMOZ Porto Moniz, etc.

NEIC 25 01:31:41.5±1.9, 6.08N, 0.05E, 119.84E, 0.05, h9km, 1km, mb5.5/18.8, Ms 2.0, 2.32/1, Mw5.6/24, Mw5.7, Mw5.7(GCMT), Error ellipse: s-maj=9.9km s-min=6.8km az=227.0

BUI 25 01:31:41.8±0.0, 5.98N, 119.96E, h28km, mb5.2/7.9, mb5.1/8.5, Ms5.4/9.6, Ms7.5/1.88

NEIC 25 01:31:43.9±0.6, 0.9N, 119.84E, h9km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.10; Mth=1.78; Mty=1.67; Mnz=0.32; Mxy=-2.14; Mxz=-0.43; Fault plane solution: M2, 80000x10^17 NP1, 70, 310000; 879, 630000; 1, 177, 410000. NP2, 80, 780000; 887, 450000; 1, 178, 390000. Principal axes: T 2, 8767; P19, 00000; Azm28, 00000; N -0.1586; Plg79, 00000; Azm174, 00000; P -2, 7200. P19, 00000; Azm295, 00000.

MOS 25 01:31:43.5±0.9, 6.11N, 119.90E, h33km, mb5.4/7.1, Ms5.0/2.26, Error ellipse: s-maj=7.3km s-min=4.0km az=109.2

GCMT 25 01:31:44.5±0.1, 6.15N, 0.01E, 119.87E, 0.01, h18km, Mw5.7/164, Moment Tensor Solution. Scale 10^17Nm; Mrr=0.10; s164, c222; Duration: 177 Moment tensor: Scale 10^17 Nm; Mrr=0.11; Mth=1.97; Mty=1.86; Mnz=0.30; Mxy=-2.14; Mxz=-0.43; Best double couple: M3, 969000x10^17 NP1, 74, 00000; 859, 00000; Azm28, 00000; N -0.1586; Plg79, 00000; Azm174, 00000; P -2, 7200. Principal axes: T 2, 8767; P19, 00000; Azm32, 00000; N 0.2040; Plg59, 00000; Azm157, 00000; P -4, 0720. Plg24, 00000; Azm294, 00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 25 01:31:44.9±0.7, 6.2N, 12.7E, h25km, 5km, Ms 5.9/6, mb6.0/7.8, mb5.6/9.6, MLV6.1/13, Mw5.6/25, Mw(B)5.6/7.8, Mw/Wp5.4/49, MwP5.5/49

MAN 25 01:31:45.5±6.3, 34N, 119.95E, h42km, Ms5.5, MAN INTENSITY II - LANGUYAN

NEIC 25 01:31:45.6±1.9, 1.9N, 119.88E, h18km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.09; Mth=2.18; Mty=2.00; Mnz=0.50; Mxy=-1.86; Mxz=-0.47. Principal axes: T 2, 8767; P19, 00000; Azm28, 00000; N -0.1586; Plg79, 00000; Azm174, 00000; P -2, 7200. Principal axes: T 2, 8767; P19, 00000; Azm32, 00000; N 0.2040; Plg59, 00000; Azm157, 00000; P -4, 0720. Plg24, 00000; Azm294, 00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 25 01:10:52.1±2.2, 0.71N, 126.87E, h0km, mb3.3/3, mb1.3/6.3, mb1mx3.2/3.0, mbtmp3.4/3, Error ellipse: s-maj=178.8km s-min=27.1km az=66.0

ISC 25 01:10:52.7±1.6, 1.0N, 127.5E, h10km, n5, c060/6, mb3.3/3, Halmahera

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like TNTI Ternate, GNTI Gontolito, etc.

Azm160.0000°; P -4.1581; Plg20.0000°; Azm294.0000°;
 IDC 25 01:31:45.63.0.6; 11N; 119.90E; h33km, 23km, mb4.8/35,
 mb1.4/40, mb1mx4.8/51, mb1mtp5.0/40, MLS.0/6, MSS.0/37,
 Ms1.5/0/37, ms1mx5.0/39 Error ellipse: s-maj=12.9km
 s-min=8.4km az=78.0
 NEIC 25 01:31:47.6; 09N; 120.04E; h26km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁷Nm; Mr0.05;
 Mw2.32; Mw-2.37; Mw0.14; Mw-2.58; Mw-1.65; Fault
 plane solution: Ms3.86000; 1017° NP1%≈70.0000°;
 δ66.0000°; λ-175.0000°; NP2%≈338.0000°;
 δ86.0000°; λ-24.0000°; Principal axes: T: 3.6532;
 Plg13.0000°; Av 0.3964; Plg68.0000°;
 Azm149.0000°; P -4.0396; Plg20.0000°; Azm292.0000°;
 KLM 25 01:31:48.6; 04N; 120.02E; h60km, mb5.6
 ISC 25 01:31:44.5.0.4; 65N; 103.119; 89E.0.03; h28km, 2km,
 h28km; p-P.n911.1; r171/81.5, phase 3/227, MSS.1/228,
 65C-31D, Sulu Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MYLDM	Lahad Datu	1.63	238	Op	01 32 12.5	+1.1
ZCP	Zamboanga City	2.34	68	Pn	01 32 21.1	-0.1
ZCP	Zamboanga City	2.34	68	IS	01 33 00.9	+6.3
BATP	Batareza	3.43	323	eS	01 32 32.3	-3.8
BATP	Batareza	3.43	323	eS	01 33 16.9	+1.0
KKM	Kota Kinabalu	3.65	270	Pn	01 32 38.8	-0.5
SPMM	Sapulu	3.92	249	eP	01 32 29.0	-0.4
PAGZ	Pagadian	3.90	63	eS	01 32 42.2	-0.4
KNOP	Candoni, Negro	4.64	36	eP	01 32 51.0	-1.8
KNOP	Candoni, Negro	4.64	36	eS	01 33 41.9	-3.9
SKMP	Bagumbayan, Su	4.65	84	eP	01 32 50.6	-2.4
SKMP	Bagumbayan, Su	4.65	84	eS	01 32 59.1	-1.7
CUYO	Cuyo Island	4.90	13	eP	01 32 54.6	-1.8
TOLIZ	Toilifoli	4.99	170	Pn	01 32 57.1	-0.5
JAP	San Jose, Anti	5.09	231	eP	01 32 59.1	-0.0
ENPP	El Nido	5.14	355	eP	01 32 56.9	-2.9
KCP	Kidapawan	5.26	79	eP	01 32 42.0	+0.6
GUIM	Jordan	5.30	40	eP	01 33 00.1	+1.2
CGP	Caqayan de Oro	5.33	631	eP	01 33 02.6	+0.3
BUKP	Musuan	5.45	70	eP	01 33 04.7	+0.7
BUKP	Musuan	5.45	70	eS	01 34 03.9	-2.0
DAV	Davao City (W)	5.74	80	Pn	01 33 09.8	+1.8
DAV	Davao City (W)	5.74	80	LR	01 35 40.4	
DAV	Davao City (W)	5.74	80	LR	01 33 09.5	+1.4
DAV	Davao City (W)	5.74	80	eP	01 33 08.9	+0.9
DDMP	Don Marcelino	5.79	89	eP	01 33 19.2	+1.2
DDMP	Don Marcelino	5.79	89	eS	01 34 17.8	+6.3
LLP	Lapu-Lapu	5.85	431	eP	01 33 08.5	-1.0
LLP	Lapu-Lapu	5.85	431	eS	01 34 12.4	-3.4
MRSI	Marisa	5.90	160	P	01 33 11.0	+0.8
SGSI	Sangihe	6.09	112	P	01 33 13.4	+0.6
MSLP	Maasin	6.38	50	eP	01 33 15.6	-1.1
BUTP	Butuan	6.38	63	eP	01 33 17.9	+1.1
KMSI	Cibonang	6.80	143	P	01 33 22.5	-0.1
SMKI	Samarinda	6.99	203	P	01 33 27.0	+1.9
APSI	Ampana	7.13	166	P	01 33 28.7	+1.6
GLSP	General Luna	7.21	59	eP	01 33 27.1	-1.1
PGP	Puerto Galera	7.48	81	eP	01 33 31.5	-0.4
LUWI	Luwuk	7.61	158	Pn	01 33 36.7	+3.0
LUWI	Luwuk	7.61	158	P	01 33 36.5	+2.8
BKB	Balikpapan	7.85	202	Pn	01 33 37.2	+0.3
BKB	Balikpapan	7.85	202	P	01 33 37.3	+0.3
GTG	Tagaytay City	8.07	7	Pn	01 33 41.2	+1.2
GTG	Tagaytay City	8.07	7	LR	01 36 45.8	
MACP	Maragondon, Ca	8.20	6	eP	01 33 39.7	-2.1
SBUM	Sibu	8.44	245	Pn	01 33 45.0	-0.1
SBUM	Sibu	8.44	245	P	01 33 45.0	-0.1
MTKI	Mtara Tehew, K	8.55	216	P	01 33 47.8	+1.2
JCNP	Jose Panganiba	8.64	18	eP	01 33 45.8	-2.0
TTSI	Tana Toraja	9.03	180	P	01 33 56.3	+3.1
TNTI	Ternate	9.12	125	Pn	01 33 56.6	+2.2
TNTI	Ternate	9.12	125	P	01 33 56.8	+2.4
SPSI	Sidrap Palu	9.95	181	P	01 34 03.3	+2.5
KBKI	Kotabaru	10.00	202	P	01 34 06.7	+0.2
SMPP	San Manuel, Pa	10.07	4	eP	01 34 07.1	-0.4
SANI	Sanana	10.09	143	P	01 34 06.2	-1.5
KDI	Kendari	10.31	165	P	01 34 14.7	+4.0
BNSI	Bone	10.38	179	P	01 34 15.0	+3.3
KSM	Kuching	10.58	245	Pn	01 34 12.7	-1.7
KSM	Kuching	10.58	245	P	01 34 15.0	+0.5
BBKI	Banjar Baru	10.71	208	P	01 34 18.9	+2.7
KAPI	Kappang	10.99	181	Pn	01 34 22.6	+2.6
KAPI	Kappang	10.99	181	Sn	01 36 26.9	+4.8
KAPI	Kappang	10.99	181	LR	01 36 55.9	
KAPI	Kappang	10.99	181	Pn	01 34 22.5	+2.4
KAPI	Kappang	10.99	181	P	01 34 23.6	+3.5
KAPI	Kappang	10.99	181	P	01 34 23.6	+3.5
KAPI	Kappang	10.99	181	P	01 34 23.6	+3.5
SZP	Santa	11.45	3	Pn	01 34 27.2	+0.9
NLAI	Namlea	11.70	142	P	01 34 30.9	+1.1
PBKI	Pangkalan Bun	11.96	242	P	01 34 36.2	+2.9
DLV	T. Lat	12.69	298	Pn	01 34 42.0	-1.5
MSAI	Masohi	12.98	136	P	01 34 48.3	+0.9
SWI	Sorong	13.27	121	P	01 34 53.3	+2.1
SJJI	Sorong	13.28	121	Pn	01 34 52.9	+1.5
SJJI	Sorong	13.28	121	LR	01 40 26.9	
KMMI	Kaliangte	14.29	205	P	01 35 06.1	+0.9
BNDI	Bandanaira	15.04	136	P	01 35 08.8	+0.7
MMRI	Maumere	14.78	171	P	01 35 15.7	-1.7
MMRI	Maumere	14.78	171	P	01 35 27.3	+1.0
SRBI	Singaraja	14.79	198	Pn	01 35 13.9	+1.9
PLAI	Plampang	14.93	188	P	01 35 14.7	+0.9
TWSI	Taliwang, Sumb	14.99	192	P	01 35 17.8	-2.1
TPAI	Tanjungpandan	15.03	235	P	01 35 15.9	+0.7
FAKI	Fak Fak	15.22	125	Pn	01 35 17.1	-0.6
FAKI	Fak Fak	15.22	125	Iamb	01 35 25.1	
FAKI	Fak Fak	15.22	125	P	01 35 16.8	-1.0
DNP	Depassar	15.36	198	P	01 35 23.3	-0.6
JAGI	Jajag, Banyuw	15.52	202	P	01 35 23.9	-1.8
JAGI	Jajag, Banyuw	15.52	202	Iamb	01 35 36.8	
JAGI	Jajag, Banyuw	15.52	202	P	01 35 25.0	-0.7
JAGI	Jajag, Banyuw	15.52	202	P	01 35 27.8	+0.3
WBI	Waingapu	15.62	179	P	01 35 38.8	+1.2
PSPI	Pangkal Pinang	15.97	240	P	01 35 27.8	+0.3
SMRI	Semarang	16.07	216	P	01 35 31.0	-0.9
SMRI	Semarang	16.07	216	Iamb	01 35 43.7	
SMRI	Semarang	16.07	216	P	01 35 32.1	+0.2
BASI	Baing, Sumba	16.18	178	P	01 35 31.4	+1.3
QIZ	Qiongzong	16.19	324	P	01 35 30.0	-0.3
QIZ	Qiongzong	16.19	324	sP	01 35 39.3	-0.8
QIZ	Qiongzong	16.19	324	PP	01 35 44.6	+1.1

QIZ	S	Sn	01 38 30.8	+1.6
QIZ	comp=Z,29nm,1.7s	pmax	pmax	
QIZ	comp=Z,660nm,6.6s	LR	LR	
QIZ	comp=Z,6um,13.7s	LR	LR	
QIZ	comp=Z,6um,16.2s	LR	LR	
QIZ	comp=Z,9um,17.7s	LR	LR	
SOEI	Soe	16.30 164	P	01 35 36.3 +1.8
SOEI	Soe	16.30 164	Iamb	01 36 27.0
SOEI	Soe	16.30 164	P	01 35 35.7 +1.2
MYKOM	Kota Tinggi	16.55 256	P	01 35 34.1 -0.7
MYKOM	Kota Tinggi	16.55 256	Iamb	01 35 40.0
BATI	Baumata	16.58 167	Pn	01 35 37.5 -0.1
BATI	Baumata	16.58 167	LR	01 43 12.6
BATI	Baumata	16.58 167	P	01 35 38.7 +1.1
UGM	Wanagana	16.72 214	P	01 35 39.8 +0.7
UGM	Wanagana	16.72 214	Iamb	01 36 03.1
UGM	Wanagana	16.72 214	P	01 35 39.3 +0.2
UBPT	Khong Chiam	16.87 304	P	01 35 39.9 -0.8
UBPT	Khong Chiam	16.87 304	Pn	01 35 39.1 +0.3
TPUB	Ta-pu	17.17 2	Iamb	01 35 55.2
YULB	Yu-i	17.30 4	P	01 35 44.1 -0.1
SSLB	Suangleung	17.67 3	Pn	01 35 47.5 -1.3
LEML	Lembur	17.71 224	P	01 35 51.9 +1.7
LEM	Blak	17.72 113	P	01 35 50.3 +0.1
BABI	JAMBI	17.93 245	P	01 36 00.3 +7.8
CBJI	Citeko	17.97 227	P	01 35 55.7 +2.8
SAUI	Saumlaki	18.00 141	Iamb	01 35 52.7 -0.2
SAUI	Saumlaki	18.00 141	Iamb	01 36 44.6
SAUI	Saumlaki	18.00 141	P	01 35 51.2 -1.7
GZHZ	Guangzhou	18.08 340	S	01 36 00.3 +6.3
GZHZ	Guangzhou	18.08 340	S	01 39 26.1 +6.2
GZHZ	Guangzhou	18.08 340	LR	01 36 13.2
NACB	Ninganchiao	18.10 5	P	01 35 53.6 -0.4
CISB	Cisampet, Garu	18.10 222	Pn	01 35 56.9 +2.5
KNMB	Chin-men Tao	18.27 256	P	01 35 56.1 -1.0
BLSI	Bandar Lampung	18.50 104	Pn	01 35 59.6 +0.5
KLSI	Wahne	18.52 235	P	01 35 59.9 +0.6
QZHZ	Qanzhou	18.83 356	PP	01 36 02.4 +0.1
QZHZ	Qanzhou	18.83 356	S	01 39 34.4 -0.5
QZHZ	Qanzhou	18.83 356	pmax	
QZHZ	Qanzhou	18.83 356	pmax	
QZHZ	Qanzhou	18.83 356	LR	01 36 10.0 +2.0
QZHZ	Qanzhou	18.83 356	LR	01 36 08.3 +0.9
QZHZ	Qanzhou	18.83 356	LR	01 36 08.9 +0.7
QZHZ	Qanzhou	18.83 356	P	01 36 12.3 -0.7
QZHZ	Qanzhou	18.83 356	Pn	01 36 13.0 -0.1
QZHZ	Qanzhou	18.83 356	P	01 36 13.3 -0.1
QZHZ	Qanzhou	18.83 356	Pn	01 36 15.4 +0.5
QZHZ	Qanzhou	18.83 356	Pn	01 36 15.4 +0.5
QZHZ	Qanzhou	18.83 356	Pn	01 36 17.1 +0.6
TRTT	Trang	20.13 276	P	01 36 16.0 -0.6
NONG	Nongki	20.24 308	P	01 36 17.6 -0.2
SMPI	Sarmi	20.42 112	P	01 36 22.4 +0.4
MHST	Manding Nat	20.93 256	P	01 36 25.4 +0.1
PHET	Kaeng Krachan	21.10 290	P	01 36 28.4 +1.3
PSI	Prapa	21.15 262	P	01 36 27.5 -0.3
PSI	Prapa	21.15 262	LR	01 47 00.3
TSI	Tuntung	21.40 264	P	01 36 31.2 +0.9
PKDT	Phuket	21.47 276	P	01 36 31.2 +0.1
RNTT	Ranong	21.47 280	P	01 36 26.1 -5.0
XMI	Christmas Isla	21.65 221	P	01 36 33.8 +0.8
SLVN	Son La	21.69 316	P	01 36 33.0 -0.5
SLVN	Son La	21.69 31		

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LSZ Lusaka, MORCV Moravsky Berou, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NVAR Mina Array Bea, NVAR Pinyon Flats O, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PSUB Penn St - Bra, P60A Greenville, and many others.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other technical details. Includes stations like VLY Voula, Athens, ATHU Athens, and many others.

Table with columns: Station, Frequency, Mode, Power, and other details. Includes stations like KRSR, KROS, JNU, JCU, SEY, etc.

Table with columns: Station, Frequency, Mode, Power, and other details. Includes stations like BMAR, ZALV, ZALV, DOT, etc.

Table with columns: Station, Frequency, Mode, Power, and other details. Includes stations like ARU, YKA, YKA, IUG, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KNRA, SMRI, TPI, FITZ, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SRAK, TRTT, RPSI, PSI, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JHS, KLBR, JWT, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like SDPT Sand Point, ANM Nome, ABPO Ambohimpnom, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like I23K Minto, MCK McKinley, WAT2 Susitna, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like AKBB Malin Array, FINES FINESS Array B, MNSK Minsk, etc.

25d 3h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like O20A White River Ci, RSSD Black Hills, and many others.

150.82 280 ePKiKP

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LIC Lamto, M54A Oil Creek Stat, H61A Lynnville, and many others.

1216

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BDFB Brasilia, BDFB Brasilia, WEL 25 03:14:19.2, and many others.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like Hachioji jima 2, Mikurajimanishi, Kozu shima, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like Zalesovo Beam, Coen, Kulim, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like Danmarks Favn, Danmarks Favn, etc.

AUST 25 05:39:40.10_6.3228Sx138.39E, h0km, Error ellipse: s-maj=7.1km s-min=3.9km az=77.0, Near coast of South Australia. Includes a grid of station names and coordinates.

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes entries like CMAR Chiang Mai Arr, CM02 Chiang Mai Arr, CM15 Chiang Mai Arr, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes entries like IPM lpho, ANM Nome, ANM Nome, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes entries like SII Sitkinak Islan, SII Sitkinak Islan, SII Sitkinak Islan, etc.

25d 7h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KTH, BPAW, ULHL, CUT, MFLY, TRF, Q22K, etc.

2015 FEB

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ILAR, AML, HIN, HIN, HIN, SMLA, Q23K, etc.

1222

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

25d 7h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BMO, VSO, AKH, UMZA, etc.

2015 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SCO, SCV, SLWR, MDPB, etc.

1224

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DECC, RLMT, TPNV, MWC, etc.

1225 2015 FEB 25d 7h

Table with columns: Station, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like IRM Iron Mountain, KNB Kanab, NEE2 Needles Airpor, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like WUAZ Wupatki, WUAZ Wupatki, SFX San Felipe, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like VRAC Vranov, PVCC Panska Ves, PVCC Panska Ves, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like FRNY, M53A, ALLY, J56A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like UCCT, Y49A, TKL, PAL, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like TORD, TORO, SYO, KOWA, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like MAN 25 07:01, MINDANAO, etc.

JMA 25 07:15:32.3±0.3, 44.99N-145.12E, h0km, M2.8
SKHL 25 07:15:33.8±0.2, 45.00N-146.00E, h51km, 4km, mb3.8/2
ISC 25 07:15:29.3±2.4, 45.2N±0.1, 145.69E±0.1, h35km, n9,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like YUK, Yuzh-Kuril'sk, JAG, Ashikaga, etc.

NNC 25 07:19:25.0±4.7, 53.91N-90.65E, h2km, 22km, mb3.6,
mpv3.3, 10C-4D, Error ellipse: s-maj=59.9km
s-min=38.2km az=25.0, Suspected lining explosion.,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ZAAO, Zalesovo Array, KURK, Kurchatov Arra, etc.

NORS 25 07:32:06.2±0.0, 42.45N-41.18E, h15km, MPVA2.9
MOS 25 07:32:06.7±0.0, 42.49N-41.09E, h10km, ML2.2/5,
MPVA3.3
DDA 25 07:32:08.0, 42.26N-41.18E, h20km, 4km, ML1.8
ISC 25 07:32:03.9±1.2, 42.36N±0.02, 41.04E±0.03, h0km±11km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CHVG, Ch'k'valeri, BATM, Batumi, etc.

IDC 25 07:39:00.1±1.3, 30.85N-141.25E, h0km, mb3.4/4,
mb1.3/6.6, mb1mx3.4/49, mbmp3.4/6, ML3.2/2, Error
ellipse: s-maj=52.5km s-min=22.2km az=81.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JCJ, Chichijima, MJAR, Matsuhiro Arr, etc.

0.1nm, 0.5s, baz=307, slow=6.3, SNR=2.1
JMA 25 07:41:19.3±0.1, 36.34N-140.58E, h50km±1km, M1.4,
Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JHYU, Hitachinakayam, JHYU, Hitachi, etc.

IASPEI 25 07:57:51.7±0.8, 47.31N±0.02, 11.04E±0.02, h10km, 5km,
Error ellipse: s-maj=3.0km s-min=2.5km az=6.1, 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, <>Seism. Res. Let. <>, 80, 465-472,
2009
STR 25 07:57:51.8±1.0, 47.1N±1.1E, h15km, MLV2.9/5,
smi:scs:0.6/LCOSAT earthModelID
smi:scs:0.6/alpes_tap-2.11 preliminary
VIE 25 07:57:51.8±0.2, 47.29N±11.03E, h6km±2km, mb1.9/9,
m3.0/7.51, Error ellipse: s-maj=1.3km s-min=1.1km
az=179.0 3 km SW of Telfs felt 4-5 ems98 at Telfs / Tyrol
ZUR 25 07:57:52.0, 47.31N±11.07E, h6km±2km, ML2.7/5.5, Error
ellipse: s-maj=5.0km s-min=1.0km az=41.0
LDG 25 07:57:52.2±0.1, 47.28N±11.07E, h6km, ML2.7/11, Error
ellipse: s-maj=2.9km s-min=0.6km az=32.0
PRU 25 07:57:52.5±0.0, 47.42N±10.99E, h7km, Telfs
ROM 25 07:57:52.0±0.4, 47.25N±0.02, 11.08E±0.01, h6km±1km,
ML2.5/6, Error ellipse: s-maj=1.7km s-min=0.8km
az=179.0
BGR 25 07:57:52.8±0.3, 47.30N±11.07E, h5km, ML2.7/16, Error
ellipse: s-maj=5.6km s-min=2.2km az=178.0
ISC 25 07:57:51.8±0.8, 47.32N±0.02, 11.04E±0.01, h13km±4km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like MOTA, Moosalm, ZUGS, Zugspitze, SOTA, Sankt Quirin, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DAVOX, Davos/Dischmat, LIENZ, Kamor/St.Gall, SGT04, Schlatt-Haslen, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Saint Saulge, AVF, LAV9, CAF.

IDC 25 08:00:24.2,0.5,51.55N,176.86W,h0km,mb4,4/27, mb1 4.5/29,mb1mx4.3/62,mbmp4.4/29,ML3.8/2,MS4.0/1, Ms1 4.0/1,ms1mx3.3/57,Error ellipse:s-maj=17.9km s-min=9.6km az=163.0

AEIC 25 08:00:30.2,9.51.43N,0.05.176.78W,0.07,4h0km,1km, Error ellipse:s-maj=9.4km s-min=6.6km az=333.0

MOS 25 08:00:30.9,1.1,51.59N,176.90W,h0km,mb4,6/38, Error ellipse:s-maj=7.9km s-min=7.4km az=70.3

NEIC 25 08:00:32.8,2.1,51.58N,176.92W,0.07,h63km,3km, mb4,6/188,ML4.5(AEIC),Error ellipse:s-maj=15.1km s-min=5.6km az=171.0

ISC 25 08:00:30.8,0.9,51.47N,176.82W,0.03,h49km,7km, n504,1920/503,mb4,6/134,MS4.7/4,16C,Andreas Islands

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ADK, ATKA, KOWE, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SCM, MLY, MCK, WAT6, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like YKA, D03D, USA0A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U57A Blanch, V57A Coltrane Farms, W56A Indian Trail, etc.

IDC 25 08:08:41.1±0.8, 31.06N:141.83E, h0km, mb3.8/8, mb1 3.9/13, mb1mx3.7/44, mbtmp3.8/13, ML3.6/5, MS4.2/1, Ms1 4.2/1, ms1mx3.3/47, Error ellipse: s-maj=26.8km s-min=15.3km az=72.0

NEIC 25 08:08:43.6±2.1, 31.08N:141.9E:0.1, h20km,6km, mb4.1/4, Error ellipse: s-maj=17.1km s-min=9.2km az=72.0

JMA 25 08:08:43.8±0.1, 31.18N:141.99E, h74km, M4.1, ISC 25 08:08:44.0±0.6, 31.14N:142.00E:0.1, h24km, n38, e197/44, mb3.9/10, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, BSO1 Boso 1, BSO3 Boso 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MK31 Makanchi Array, MKAR Makanchi Array, etc.

IDC 25 08:11:01.1±2.9, 36.32N:22.52E, h0km, mb3.7/4, mb1 3.7/6, mb1mx3.5/34, mbtmp3.6/6, ML3.1/2, Error ellipse: s-maj=56.6km s-min=24.1km az=39.0

ATH 25 08:11:01.2, 35.90N:22.37E, h10km,31km, ML3.3/3, Error ellipse: s-maj=31.6km s-min=1.4km az=27.0

THE 25 08:11:01.0, 35.89N:22.37E, h1km,3km, ML3.3/15, Error ellipse: s-maj=4.5km s-min=1.1km az=22.0

ISC 25 08:11:00.1±1.5, 35.38N:22.32E:0.05, h7km,9km, n45, e192/65, mb4.0/4, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KTHR Kythira, KTHA Kythira Island, ANKY Antikythira Is., etc.

NOU 25 08:15:16.2, 15.33S:167.52E, h123km, MLV4.8, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANVU Sarautout, DVP Davids Point, YATNC Mamie plateau, etc.

BUI 25 08:29:29.1±0.0, 1.25N:97.20E, h37km, mB5.4/34, mb4.9/62, Ms4.9/22, Ms7.4/7/21

NEIC 25 08:29:31.1±1.3, 1.34N:0.07:97.09E:0.07, h33km,5km, mb4.9/57, Error ellipse: s-maj=12.3km s-min=8.1km az=46.0

ISC 25 08:29:30.4±0.4, 1.33N:0.05:97.06E:0.05, h28km, n216, e1936/217, mb4.8/77, MS4.5/14, 5C-1D, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, GSI Gunungsitoli, GSI Pulau Batu, etc.

25d 8h

Table of astronomical observations for 25 days in February, 8 hours per day. Columns include station code, object name, magnitude, position, and other parameters.

2015 FEB

Table of astronomical observations for 2015 February. Columns include station code, object name, magnitude, position, and other parameters.

1232

Table of astronomical observations for 1232. Columns include station code, object name, magnitude, position, and other parameters.

TRF	comp=N,9um,0.9s	IAML	09 39 19.8
TRF	comp=N,11um,0.7s	IAML	09 39 20.1
KTH	Kantishna Hill	0.39 329 Pn	09 39 06.5 +0.1
KTH	comp=N,7um,0.7s	IAML	09 39 19.8
KTH	Kantishna Hill	0.39 329 Sn	09 39 19.3 -0.7
HUR	Hurricane	0.45 122 Pn	09 39 06.3 -0.4
CAST	Castle Rocks	0.75 286 P	09 39 08.5 -0.2
CAST	Castle Rocks	0.75 286 Pn	09 39 08.4 -0.2
RND	Reindeer	0.76 75 Pn	09 39 08.9 +0.1
RND	RND	0.76 75 Sn	09 39 24.5 +0.3
RND	comp=E,4um,0.3s	IAML	09 39 25.0
RND	comp=N,5um,0.6s	IAML	09 39 25.0
CUT	Chulitna	0.82 173 P	09 39 09.2 -0.1
CUT	Chulitna	0.82 173 S	09 39 24.5 -0.4
CUT	Chulitna	0.82 173 Pn	09 39 09.3 0.0
CUT	Chulitna	0.82 173 Sn	09 39 25.1 +0.2
PPLA	Purkeypile	0.84 248 P	09 39 09.4 -0.3
PPLA	comp=N,6um,0.9s	IAML	09 39 25.2 -0.4
PPLA	Purkeypile	0.84 248 Sn	09 39 25.1 -0.4
PPLA	Purkeypile	0.84 248 Pn	09 39 09.8 +0.1
MCK	McKinley	0.86 53 P	09 39 08.8 +0.1
MCK	comp=N,232,SNR=1000	IAML	09 39 25.4 -0.3
MCK	McKinley	0.86 53 Pn	09 39 09.9 +0.2
MCK	comp=N,232,SNR=1000	IAML	09 39 25.4 -0.3
WAT2	Susitna Watana	0.90 106 P	09 39 09.8 -0.3
WAT2	comp=N,286,SNR=718	IAML	09 39 25.7 -0.7
WAT2	Susitna Watana	0.90 106 Pn	09 39 09.6 -0.5
BPAW	Bear Paw Mtn.	0.91 346 P	09 39 10.0 -0.1
BPAW	comp=N,6um,0.7s	IAML	09 39 25.3 -1.2
BPAW	Bear Paw Mtn.	0.91 346 Sn	09 39 10.0 -0.1
BPAW	comp=N,6um,0.7s	IAML	09 39 25.9
BPAW	Bear Paw Mtn.	0.91 346 Pn	09 39 25.4 -1.2
WAT1	Susitna Watana	0.96 113 P	09 39 10.4 -0.2
WAT1	comp=N,6um,0.9s	IAML	09 39 27.0 -0.3
BWN	Browne	1.06 25 Pn	09 39 22.0 +0.6
BWN	comp=E,4um,0.9s	IAML	09 39 30.5
CHUM	Lake Minchum	1.06 310 P	09 39 11.4 0.0
CHUM	comp=N,4um,1.4s	IAML	09 39 28.1 -0.7
CHUM	Lake Minchum	1.06 310 S	09 39 11.4 0.0
CHUM	Skwentna	1.33 202 P	09 39 13.9 -0.4
SKT	Skwentna	1.33 202 S	09 39 33.1 -0.9
SKT	Skwentna	1.33 202 Pn	09 39 13.9 -0.4
SKT	comp=E,4um,0.3s	IAML	09 39 36.2
SKT	Skwentna	1.33 202 IAML	09 39 36.7
WAT6	Susitna Watana	1.41 116 P	09 39 14.9 -0.4
WAT6	comp=N,4um,0.2s	IAML	09 39 34.7 -0.9
WAT6	Susitna Watana	1.41 116 S	09 39 14.9 -0.4
WAT6	comp=N,4um,0.2s	IAML	09 39 16.0 -0.4
WAT6	Neana	1.51 24 P	09 39 36.0 -1.6
WAT6	comp=N,204,SNR=748	IAML	09 39 36.0 -1.6
NEA2	Neana	1.51 24 S	09 39 15.9 -0.4
NEA2	Wood River Hill	1.64 39 Pn	09 39 17.8 0.0
WRH	Wood River Hill	1.64 39 P	09 39 18.5 -0.5
SML	Sawmill	1.73 144 P	09 39 42.0 -0.2
SML	comp=N,326,SNR=89	IAML	09 39 18.5 -0.5
SML	Sawmill	1.73 144 S	09 39 18.5 -0.5
SML	comp=N,3um,0.3s	IAML	09 39 43.2
SML	Sawmill	1.73 144 Pn	09 39 18.5 -0.5
PMR	Palmer	1.75 158 P	09 39 41.5 -0.9
PMR	comp=N,2um,0.6s	IAML	09 39 41.5 -0.9
PMR	Palmer	1.75 158 S	09 39 18.8 -0.3
SUA	Susitna One	1.77 184 Pn	09 39 19.3 -0.1
SUA	comp=N,2um,0.7s	IAML	09 39 42.8 -0.2
SUA	Susitna One	1.77 184 Pn	09 39 19.3 -0.1
SUA	comp=N,2um,0.7s	IAML	09 39 46.3
SUA	Susitna One	1.77 184 IAML	09 39 47.2
MLY	Manley	1.82 357 P	09 39 19.9 -0.1
MLY	comp=N,176,SNR=333	IAML	09 39 42.4 -1.7
MLY	Manley	1.82 357 S	09 39 19.9 -0.1
MLY	Manley	1.82 357 Pn	09 39 19.9 -0.1
STLK	Strandline Lake	1.84 201 Pn	09 39 20.3 0.0
CCB	Clear Creek Bu	1.86 38 P	09 39 21.8 -0.6
HDA	Harding Lake	1.97 51 P	09 39 21.8 -0.6
HDA	comp=N,233	IAML	09 39 45.9 -1.3
HDA	Harding Lake	1.97 51 S	09 39 21.6 -0.2
HDA	comp=N,2um,0.6s	IAML	09 39 47.5
HDA	Harding Lake	1.97 51 Pn	09 39 21.6 -0.2
HDA	comp=N,2um,0.6s	IAML	09 39 47.8
I23K	Minto, Yukon-K	2.00 14 P	09 39 22.0 0.0
I23K	comp=N,194,SNR=636	IAML	09 39 22.0 0.0
I23K	Minto, Yukon-K	2.00 14 Pn	09 39 22.1 0.0
MDM	Murphy Dome	2.01 28 Pn	09 39 22.0 0.0
SCM	Sheep Creek Mo	2.02 132 P	09 39 21.8 -0.6
SCM	comp=N,2um,0.9s	IAML	09 39 52.2
SCM	Sheep Creek Mo	2.02 132 IAML	09 39 56.2
COL	College	2.02 34 P	09 39 22.4 +0.1
COL	comp=N,215,SNR=173	IAML	09 39 22.4 +0.1
COL	College	2.02 34 Pn	09 39 22.4 +0.1
COL	College	2.02 34 IAML	09 39 47.9
COL	College	2.02 34 Pn	09 39 22.4 +0.1
FIS	Fire Island	2.09 177 Pn	09 39 23.9 +0.8
YK03	TAPS Pump Stn8	2.10 49 Pn	09 39 22.9 -0.3
CRP	Crater Peak	2.11 203 Pn	09 39 23.8 +0.1
SPCC	Crater Peak Br	2.11 203 Pn	09 39 23.4 -0.2
SPCN	Chakachata No	2.15 203 Pn	09 39 24.1 0.0
SPBC	Spurr Blockage	2.16 205 Pn	09 39 23.3 -0.9
RC01	Rabbit Creek A	2.17 170 Pn	09 39 23.8 -0.3
RC01	comp=N,352,SNR=47	IAML	09 39 23.8 -0.3
RC01	Rabbit Creek A	2.17 170 Pn	09 39 23.9 -0.3
SPCR	Spurr Chakacha	2.18 203 P	09 39 24.1 -0.4
SPCR	comp=N,22,SNR=57	IAML	09 39 24.7 -0.1
SPCR	Spurr Chakacha	2.18 203 Pn	09 39 24.5 0.0
ILAR	Eielson Array	2.22 44 P	09 39 24.3 -0.1
ILAR	comp=N,65nm,0.3s,comp=N,226,slow=12,SNR=4870	IAML	09 39 24.3 -0.1
ILAR	Eielson Array	2.22 44 Pn	09 39 24.7 -0.1
ILAR	comp=N,34nm,0.3s,comp=N,230,slow=24,SNR=10	IAML	09 39 24.3 -0.1
ILAR	Eielson Array	2.22 44 Pn	09 39 24.7 -0.1
PS09	TAPS Pump Stn9	2.23 69 Pn	09 39 24.9 -0.1
M24K	Tolsona, Glenn	2.28 117 P	09 39 25.8 +0.1
M24K	comp=N,301,SNR=324	IAML	09 39 25.8 +0.1
M24K	Tolsona, Glenn	2.28 117 Pn	09 39 25.8 +0.1
PAX	Paxson	2.29 94 P	09 39 25.9 +0.1
PAX	comp=N,278,SNR=542	IAML	09 39 25.9 +0.1

PAX	Paxson	2.29 94 Pn	09 39 26.1 +0.3
PS07	TAPS Pump Stn7	2.31 24 Pn	09 39 25.9 -0.1
POKR	Poker Plat Res	2.33 34 P	09 39 26.4 +0.2
POKR	comp=N,216,SNR=152	IAML	09 39 26.3 +0.2
POKR	Poker Plat Res	2.33 34 Pn	09 39 26.3 +0.2
CAPN	Captain Cook N	2.48 188 Pn	09 39 29.9 +1.8
TTA	Tatalina	2.54 266 P	09 39 28.4 -0.5
TTA	comp=N,82,SNR=274	IAML	09 39 28.4 -0.5
TTA	Tatalina	2.54 266 Pn	09 39 28.4 -0.5
TT01	Tatalina	2.54 266 Pn	09 39 28.7 -0.2
PWL	Port Wells	2.57 166 Pn	09 39 28.7 -0.7
PS11	TAPS Pump Stn11	2.58 114 Pn	09 39 29.7 +0.3
PS06	TAPS Pump Stn6	2.67 7 Pn	09 39 30.7 +0.2
SLKM	Skliak Lake	2.72 177 Pn	09 39 31.0 -0.3
KLU	Klutina	2.74 127 P	09 39 30.7 -0.8
KLU	comp=N,1um,0.5s	IAML	09 39 30.8 -0.8
KLU	Klutina	2.74 127 IAML	09 40 16.5
KLU	comp=N,1um,0.4s	IAML	09 40 18.2
O22K	Cooper Landing	2.77 172 P	09 39 31.4 -0.5
O22K	comp=N,6um,0.9s	IAML	09 39 31.4 -0.5
O22K	Cooper Landing	2.77 172 Pn	09 39 31.7 -0.2
DFR	Drift River	2.78 203 Pn	09 39 32.5 -0.3
WMT	Wm T Valdez	2.85 336 Pn	09 39 32.7 -1.1
NCT	North Crescent	2.91 205 Pn	09 39 33.7 -0.1
DOT	Dot Lake	2.92 79 Pn	09 39 33.6 -0.2
RSO	Redoubt South	2.97 202 Pn	09 39 34.6 -0.1
SCRK	Sand Creek	3.00 72 P	09 39 34.6 -0.3
SCRK	comp=N,258,SNR=681	IAML	09 39 34.7 -0.3
SCRK	Sand Creek	3.00 72 Pn	09 39 35.3 +0.2
RED	Redoubt Volcan	3.04 123 Pn	09 39 34.6 -0.8
PS12	TAPS Pump Stn12	3.04 131 Pn	09 39 34.1 -1.4
DIV	Divide	3.05 92 Pn	09 39 36.0 0.0
MENT	Menstata	3.11 335 Pn	09 39 36.0 -0.1
IM03	Indian Mtn	3.11 335 Pn	09 39 36.0 -0.3
PRP	Porcupine Dome	3.16 41 Pn	09 39 36.8 -0.2
PRP	comp=N,225	IAML	09 39 36.6 -0.4
SEW	Seward	3.16 171 P	09 39 36.3 -0.6
SEW	comp=N,352,SNR=14	IAML	09 39 36.4 -0.6
SEW	Seward	3.16 171 Pn	09 39 36.4 -0.6
N25K	Chitina, Valde	3.18 118 Pn	09 39 36.8 -0.5
N25K	Chitina, Valde	3.18 118 Pn	09 39 37.0 -0.2
N25K	comp=N,632nm,0.7s	IAML	09 40 15.7
N25K	comp=N,68nm,0.6s	IAML	09 40 17.4
SVW2	Sparrevohn	3.20 231 Pn	09 39 36.9 -0.7
HIN	Hinchinbrook I	3.40 145 Pn	09 39 39.1 -1.1
IVE	Iliamna Volcan	3.43 202 Pn	09 39 40.7 +0.1
BRLK	Bradley Lake	3.47 183 Pn	09 39 40.9 -0.2
BRLK	comp=N,409nm,0.8s	IAML	09 40 31.5
BRLK	Bradley Lake	3.47 183 IAML	09 40 34.9
EYAK	Cordova Ski Ar	3.49 138 P	09 39 40.6 -0.6
EYAK	comp=N,708nm,0.7s	IAML	09 39 40.6 -0.6
EYAK	Cordova Ski Ar	3.49 138 Pn	09 39 40.7 -0.6
BRSE	Bradley Lake S	3.49 182 Pn	09 39 40.8 -0.5
BRSE	comp=N,2.3	IAML	09 39 40.8 -0.5
BRSE	Bradley Lake S	3.49 182 Pn	09 39 40.9 -0.5
ILS	Iliamna Low So	3.50 202 Pn	09 39 41.9 +0.4
BMRM	Bremner River	3.57 127 Pn	09 39 41.0 -1.3
BMRM	comp=N,312,SNR=93	IAML	09 39 40.9 -1.5
BMRM	Bremner River	3.57 127 Pn	09 39 42.1 -0.5
GLB	Gililina Butte	3.59 117 Pn	09 39 43.2 +0.4
PS05	TAPS Pump Stn5	3.61 359 Pn	09 39 43.2 +0.4
HOM	Homer	3.62 189 Pn	09 39 43.1 +0.2
CNPM	China Poot	3.72 186 Pn	09 39 44.0 -0.4
CNPM	comp=N,561nm,0.5s	IAML	09 40 39.7
GOAT	Goat Mountain	3.79 132 Pn	09 39 44.5 -0.9
OPT	Oil Point	3.81 202 Pn	09 39 46.2 +0.6
VRDI	Verde Repeater	3.85 118 Pn	09 39 45.6 -0.6
VRDI	comp=N,630nm,0.8s	IAML	09 40 33.4
VRDI	Verde Repeater	3.85 118 IAML	09 40 34.7
MCARA	McCarthy VSAT	3.94 115 P	09 39 47.2 -0.1
MCARA	comp=N,382nm,0.8s	IAML	09 39 47.2 -0.1
MCARA	McCarthy VSAT	3.94 115 Pn	09 39 47.1 -0.1
BC03	Beaver Creek A	3.95 88 Pn	09 39 46.6 -0.6
BCAR	Beaver Creek A	3.95 88 Pn	09 39 46.3 -1.1
RAGM	Ragged Mountai	3.96 133 Pn	09 39 45.5 -1.0
COLD	Coldfoot	4.03 2 P	09 39 48.3 -0.1
COLD	comp=N,181,SNR=101	IAML	09 39 48.5 +0.2
COLD	Coldfoot	4.03 2 Pn	09 39 48.2 -0.2
FYU	Fort Yukon	4.04 31 Pn	09 39 48.0 -0.2
AU2	Augustine Mtn	4.10 201 Pn	09 39 49.9 +0.4
AU2	Augustine Mtn	4.10 201 Pn	09 39 50.1 +0.6
AUW	Augustine West	4.12 202 Pn	09 39 50.3 +0.4
AUC	Augustine Cone	4.12 202 Pn	09 39 49.6 -0.2
HMT	Hamilton	4.13 132 Pn	09 39 48.8 -1.0
PTPK	Patty Peak	4.27 115 Pn	09 39 51.5 -0.3
BERG	Berg Lake	4.29 128 Pn	09 39 50.8 -1.1
NICHA	Nichawak Mount	4.30 131 Pn	09 39 51.1 -1.0
EGAK	Eagle	4.39 65 P	09 39 52.6 -0.6
EGAK	comp=N,253,SNR=165	IAML	09 39 53.0 -0.2
EGAK	Eagle	4.39 65 IAML	09 40 47.3
EGAK	comp=N,391nm,0.9s	IAML	09 40 59.7
EGAK	comp=N,364nm,0.9s	IAML	09 40 59.7
KAIM	Kayak Island	4.39 136 P	09 39 51.9 -1.4
KAIM	comp=N,321	IAML	09 39 52.1 -1.1
KAIM	Kayak Island	4.39 136 IAML	

25d 10h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Carpenter Ridg, Nyswonger Mesa, East Wray Mesa, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like St Aubert, Com, Ste Agathe de, Warwick, Lake Whitney, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Chiang Mai Arr, Karatay Array, Niangachiao, etc.

0.3nm,0.7s,baz=3.4,slow=4.6,SNR=2.3
FINES FINES Array B 67.30 332 P
1.6nm,0.8s,baz=69,slow=7.6,SNR=2.0

IDC 25 10:14:32.0:1.3,30.65N:141.03E,h0km,mb3.4/4,
mb1 3.6/6,mb1mx3.4/35,mbtmp3.4/6,ML2.9/2,MS2.8/1,
Ms1 2.8/1,ms1mx2.6/29,Error ellipse: s-maj=50.5km
s-min=20.8km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Hachiojima 2, Chichijima, Matushiro Arr, etc.

IDC 25 10:30:39.1:0.9,31.01N:141.85E,h0km,mb3.6/8,
mb1 3.8/11,mb1mx3.6/56,mbtmp3.6/11,ML3.3/3,MS3.7/1,
Ms1 3.8/1,ms1mx2.9/27,Error ellipse: s-maj=30.0km
s-min=16.6km az=72.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Hachiojima 2, Chichijima, Matushiro Arr, etc.

NIED 25 10:31:59.0:39.34N:143.63E,h20km,MW4.9,Moment
Tensor Solution. s3 Moment tensor: Scale 10^16Nm
Mr1.75; Mr0.28; M00-2.03; M010.80; M020-0.55; Mr1.39;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Hachiojima 2, Chichijima, Matushiro Arr, etc.

BGR 25 10:32:02.0:7.0,0.39:95N:143.42E,h33km,mb4.8
ISC 25 10:32:02.0:39.32N:0.03:143.48E,0.04,h11km,n497,
c176/536,mb4.9/188,MS4.7/41,50C-6D,Off east coast
of Honshu

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

Main table with columns: GRPR, i/s, S, Sn, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: CN2, Time, Res, ISC. Lists additional seismic stations and their recorded data.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GDU01, BB19B, PCMB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BRTR, GERES, H01W2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RSO, TTA, CNPM, etc.

1245

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NORARS Array S, NOARS Subarra, NOARS Array B, etc.

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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 ASHO Ashiyah, ASHO Ashiyah, ASHO Ashiyah, etc.

25d 14h

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

25d 17h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warrungarra Arr, KSH Kashi, ZALV Zalesovo Beam, etc.

IDC 25 15:25:19.9.3.0, 14.66Sx174.00W, h0km, mb3.8/4, mb1 4.2/4, mb1mx3.8/28, mbtmp3.8/4, MS3.2/1, Ms1 3.2/1, ms1mx2.7/28, Error ellipse: s-maj=168.8km s-min=26.4km az=146.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIUE Niue, KNTN Kanton, DZM Mont Dzumac, etc.

THR 25 15:31:27.0.4, 30.82N, 56.80E, h14km, mb3.3/3, TEH 25 15:31:27.3, 30.81N, 56.76E, h10km, ML3.5, ISC 25 15:31:28.2, 1.0, 30.77N, 56.77E, 0.04, h10km, n28, c=090/30, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KHGB Koh Gabri, TVBK TV Kerman, KRBR Kerman, etc.

IDC 25 15:37:57.3.2.9, 31.1193E, h0km, mb3.4/5, mb1 3.5/5, mb1mx3.4/27, mbtmp3.4/5, Error ellipse: s-maj=84.7km s-min=22.0km az=53.0, South of Jawa

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

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IDC 25 15:59:52.6.1.7, 6.77S, 128.61E, h277km, 25km, mb2.7/1, mb1 3.2/6, mb1mx2.9/38, mbtmp3.8/6, Error ellipse: s-maj=33.1km s-min=18.7km az=92.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, BATI Baumata, SIJI Sorong, etc.

IDC 25 16:01:33.7.15.0, 35.79N, 72.51E, h269km, 276km, mb3.0/2, mb1 2.7/3, mb1mx2.4/44, mbtmp3.4/3, ML2.4/1, Error ellipse: s-maj=767.2km s-min=76.8km az=130.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, TKM2 Tokmak 2, etc.

IDC 25 16:33:15.7.7.8, 12.47N, 145.89E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/36, mbtmp3.5/5, MS3.1/1, Ms1 3.1/1, ms1mx2.5/21, Error ellipse: s-maj=216.9km s-min=49.8km az=1.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PETK Petropavlovsk, SONM Songoing Array, etc.

IDC 25 17:04:05.9.3.6, 39.82S, 91.62W, h0km, mb3.8/3, mb1 4.2/3, mb1mx3.9/19, mbtmp3.8/3, MS3.9/14, Ms1 3.9/14, ms1mx3.7/24, Error ellipse: s-maj=111.6km s-min=57.9km az=3.0, West Chile Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

NEIC 25 17:13:53.7.1.3, 26.39S, 0.07x27.61E, 0.05, h5km, 1km, az=121.0

PRE 25 17:13:53.3.0.9, 26.44S, 27.48E, h2km, ML3.1, IDC 25 17:13:54.2.1.1, 26.39S, 27.53E, h0km, mb3.1/5, mb1 4.3/11, mb1mx4.0/33, mbtmp4.3/11, ML4.1/4, Error ellipse: s-maj=18.4km s-min=16.8km az=65.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WDLM Western Deep L, KLOF Kloof, etc.

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PRYS Parys 0.52 192 eP Pg Sg 17 14 02.9 -0.8 17 14 00.0 -0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ERPM east rand prop, KSR Koster, etc.

IDC 25 17:29:58.6.1.3, 30.96N, 0.09x141.8E, 0.2, h24km, n14, c=243/45, mb3.6/4, South of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAOM Agoshimamukai, JHJ Hachijo jima, etc.

JMA 25 17:29:58.6.1.3, 30.90N, 142.40E, h45km, M3.6, IDC 25 17:29:58.3.3.0, 30.80N, 141.14E, h0km, mb3.5/4, mb1 3.6/7, mb1mx3.4/35, mbtmp3.5/7, ML3.2/3, MS2.5/1, Ms1 2.5/1, ms1mx2.7/35, Error ellipse: s-maj=123.6km s-min=18.1km az=71.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I43RU DUBNA INFRASON, I37NO Ashikaga, etc.

IDC 25 17:29:58.6.1.3, 30.96N, 0.09x141.8E, 0.2, h24km, n14, c=243/45, mb3.6/4, South of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I43RU DUBNA INFRASON, I37NO Ashikaga, etc.

IDC 25 17:20:54.9.351.0, 57.90N, 32.73E, h0km, Error ellipse: s-maj=122.5km s-min=55.0km az=125.0, Baltic Sea-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I43RU DUBNA INFRASON, I37NO Ashikaga, etc.

JMA 25 17:29:58.6.1.3, 30.90N, 142.40E, h45km, M3.6, IDC 25 17:29:58.3.3.0, 30.80N, 141.14E, h0km, mb3.5/4, mb1 3.6/7, mb1mx3.4/35, mbtmp3.5/7, ML3.2/3, MS2.5/1, Ms1 2.5/1, ms1mx2.7/35, Error ellipse: s-maj=123.6km s-min=18.1km az=71.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAOM Agoshimamukai, JHJ Hachijo jima, etc.

ASAR Alice Springs 54.85 189 P P 17 39 28.4 +1.4

IDC 25 17:36:48.9,2.4,3.04N:126.07E,h0km,mb3.0/3, mb1 3.3/6,mb1mx3.1/30,mbtmp3.0/3, Error ellipse: s-maj=206.4km s-min=30.0km az=65.0, Talaud Islands

IDC 25 17:49:27.2,0.2,0.306N:140.58E,h0km,mb3.2/3, mb1 3.3/6,mb1mx3.2/51,mbtmp3.3/6,ML2.8/3, Error ellipse: s-maj=94.6km s-min=20.7km az=74.0, Southeast of Honshu

TUL 25 17:58:06.6:1.1,36.25N:0.01:97.60W:0.02,h4km,7km, ML3.1,mb_Lg3.1/84(NEIC), Error ellipse: s-maj=3.0km s-min=0.4km az=61.0, NEIC 25 17:58:06.5:1.2,36.245N:0.009:97.62W:0.01,h5km,2km, Error ellipse: s-maj=3.0km s-min=2.3km az=139.0, ANF 25 17:58:06.7:0.7,36.26N:97.60W,h5km,ML3.9/8, Error ellipse: s-maj=8.7km s-min=6.9km az=159.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CROK Carrier, OK029 Liberty Lake, BCOK Bluff Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like T35A Sooner Cattle, T35B Sooner Cattle, T35B Leonard, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like R32A Long Quarter, R32A Long Quarter, X37A Clayton, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Z35A Perchaven, H3AR Hobbs, CBKS Cedar Bluff, etc.

U40A Yellville 3.88 88 P Pn 17 59 06.6 +1.1

U40A Yellville 3.88 88 Pn Pn 17 59 07.1 +1.6

U40A Yellville 3.88 88 Pn Pn 17 59 07.1 +1.6

U40A Yellville 3.88 88 Pn Pn 17 59 07.1 +1.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like U40A Yellville, U40A Yellville, ABTX Abilene, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like U40A Yellville, U40A Yellville, ABTX Abilene, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like U40A Yellville, U40A Yellville, ABTX Abilene, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like U40A Yellville, U40A Yellville, ABTX Abilene, etc.

JOT Ohata 1.72 286 P Pn 18 21 10.0 +0.1

JOT Ohata 1.72 286 P Pn 18 21 10.0 +0.1

JOT Ohata 1.72 286 P Pn 18 21 10.0 +0.1

JOT Ohata 1.72 286 P Pn 18 21 10.0 +0.1

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

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

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

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

25d 19h

Table with columns: Code, Station Name, Az, Az', Op, ISC, Time, Res. Includes stations like SANVU, QUZ, QRTZ, etc.

NOU 25 19:09:02.6, 17.72S, 178.47W, h576km, mb4.8, Fiji Islands Region

NEIC 25 19:09:03.5, 1.6, 17.9S, 0.1:178.6W, 0.1, h574km, 8gkm, mb4.5/136, Error ellipse: s-maj=21.6km s-min=15.1km az=155.0

IDC 25 19:09:04.1, 2.2, 17.63S, 178.74W, h570km, 22km, mb3.9/11, mb1.4/112, mb1mx3.9/22, mbtmp4.8/12, Error ellipse: s-maj=31.5km s-min=13.4km az=146.0

ISC 25 19:09:03.2, 0.4, 17.85S, 0.0:178.60W, 0.06, h574km, mb4.9, 0.94/423, mb4.5/79, 14C-13D, Fiji Islands Region

Main table of station data for the 25d 19h period, including station names, coordinates, and observation times.

2015 FEB

Main table of station data for the 2015 FEB period, including station names, coordinates, and observation times.

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Main table of station data for the 1248 period, including station names, coordinates, and observation times.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AF1 Afiamalu, MSVF Nonsavu, RAR Rarotonga, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL comp=Z,300nm,20.6s, BIZ Bilzac, OSTC Oostas, etc.

Technical notes and coordinates: IDC 25 19:39:32.72, 2.0, 36.40N; 140.180E, h46km, 21km, m3.1/4, mb1 3.4/7, mb1mx3.1/45, mbtmt3.5/7, ML3.4/3, error ellipse: s-maj=20.0km s-min=11.7km az=64.0. JMA 25 19:39:33.4, 0.1, 36.36N; 140.78E, h52km, 1km, M3.7 JMA Felt I J1.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual. Includes stations like JHYU Hitachinakayam, JHYU JHYU, JHO Hitachi, etc.

25d 21h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like ASAJ Asahikawa, SONM Sogino Array, H1121 WAKE ISLAND Hy, etc.

JMA 25 19:47:44.3±0.4, 283°33N-128°18E, h15km±5km, M2.1, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like JTK Tokunoshima, JAMN Amaninishikomi, JOKE Okinoerabujima, etc.

DC 25 19:51:10.1±6.3, 36°81N, 71°25E, h214km±51km, mb3.0/1, mb1 3.0/5, mb1mx2.6/56, mbtmp3.7/5, MS2.9/1, Ms1 2.9/1, ms1mx2.3/21, Error ellipse: s-maj=75.9km s-min=36.2km az=149.0

NNC 25 19:51:10.6±10.0, 36°93N, 70°78E, h159km, 126km, mb3.0, mpv3.8, Error ellipse: s-maj=85.2km s-min=54.1km az=22.0

ISC 25 19:51:04.7±1.7, 36°56N, 01°17E, h150km, n12, z=206°16, 5C-3D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like KSH Kashi, KK31 Karatay Array, AAK Ala-Archa, etc.

MDD 25 20:03:40.5±0.7, 37°09N, 3°03E, h23km±21km, mb3.9/9, Error ellipse: s-maj=20.3km s-min=9.2km az=152.0, PRXIMO

CRAAG 25 20:03:41.1, 37°02N, 3°13E, M2.5, ISC 25 20:03:42.5±2.4, 37°44N, 0°09E, h10km, n26, z=135°33, Western Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like ABA Alger-Bouzarea, ABMS Boumerdes, EIBI Ibiza, etc.

2015 FEB

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like EJON, ETOR, SJAF, SJAF, SJAF, etc.

MDD 25 20:31:55.8±0.5, 37°17N, 2°92E, h0km, mb4.2/7, Error ellipse: s-maj=8.7km s-min=4.4km az=56.0, PRXIMO

MDD EMS: I-II INTENSIDAD MAXIMA - ESPAA, CRAAG 25 20:31:56.9, 37°00N, 3°10E, M2.8, ISC 25 20:31:56.3±2.9, 37°33N, 01°29E, h10km, n28, z=170°41, Western Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like ABA Alger-Bouzarea, ABMS Boumerdes, EIBI Ibiza, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like BRLS Borodaya, BRLS Borodaya, BRLS Borodaya, etc.

DC 25 21:02:52.6±2.3, 43°30N, 105°28W, h0km, mb1 3.9/3, mb1mx3.3/60, mbtmp3.6/3, ML3.5/3, Error ellipse: s-maj=49.4km s-min=9.4km az=156.0

NEIC 25 21:02:56.0±1.6, 43°67N, 103°05E, h0km±2km, ML3.6/52, Error ellipse: s-maj=10.6km s-min=5.7km az=87.0

ISC 25 21:02:55.6±1.1, 43°69N, 103°06E, h105°23W, h0km, n46, z=054°46, Wyoming

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like RSSD Black Hills, K22A Casper, K22A Casper, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like LWLI Liwa, LHSI Lahat, MDSI Maura Dua, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like NWLT Wulai, NWLT Wulai, NWLT Wulai, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKR Makanchi Arr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like EMOS Mosqueruela, EMOS Mosqueruela, EMOS Mosqueruela, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like JVA Valle D.L. Mar, JVA Valle D.L. Mar, JVA Valle D.L. Mar, etc.

25d 23h

Table with columns: HTL, comp, 2.29 326, eP, P, 22 56 25.0, 22 55 45.7, -1.1, 22 56 24.6, 22 56 25.0, 22 55 45.3, -1.5, 22 56 16.3, +1.7, 22 55 55.5, -1.9, 22 56 29.1, 22 56 29.5, 22 55 45.5, -1.9, 22 56 29.1, 22 56 29.5, 22 55 47.0, +1.3, 22 55 47.0, +1.3, 22 55 50.3, +1.5, 22 56 37.2, 22 56 39.9, 22 55 50.3, +1.5, 22 56 37.2, 22 56 39.9, 22 55 52.7, +1.5, 22 56 42.5, 22 56 44.5, 22 55 52.7, +1.5, 22 56 42.5, 22 56 44.5, 22 55 53.0, +1.0, 22 56 41.5, +3.3, 22 56 26.5, +0.3, 22 56 38.5, +4.7, 22 55 53.8, +1.8, 22 55 55.6, +2.2, 22 56 32.3, 22 56 52.2, 22 55 55.6, +2.2, 22 56 32.3, 22 56 52.2, 22 55 55.5, +2.2, 22 55 57.8, +1.3, 22 55 58.9, +2.2, 22 55 58.9, +2.2, 22 56 51.8, +7.9, 22 55 06.2, +2.4, 22 56 57.2, 22 56 57.3, 22 56 05.8, +1.3, 22 56 19.5, +5.8, 22 56 48.8, -0.6, 22 57 09.1, +9.0, 22 56 09.0, +1.4, 22 56 09.0, +1.4, 22 56 09.0, +1.4, 22 56 09.0, +1.4, 22 56 26.1, +6.2, 22 56 57.7, -0.6, 22 57 20.3, +10, 22 56 12.5, +9.9, 22 57 00.9, -1.2, 22 57 24.5, +10, 22 56 13.6, +1.5, 22 56 13.7, +1.6, 22 56 29.7, +6.6, 22 57 00.5, -2.5, 22 57 26.4, +10, 22 56 13.4, +0.4, 22 56 30.5, +6.3, 22 57 04.0, -0.6, 22 57 27.4, +10, 22 56 14.1, +0.4, 22 56 18.1, +4.4, 22 56 30.9, +5.8, 22 57 05.2, -0.6, 22 57 30.5, -1.1, 22 56 12.1, -2.0, 22 56 15.3, +0.7, 22 56 32.8, +6.6, 22 57 06.5, -0.9, 22 57 32.8, +12, 22 56 15.1, +0.5, 22 56 16.0, +0.4, 22 56 34.4, +7.0, 22 57 04.9, -4.3, 22 57 32.0, +8.7, 22 56 17.8, +2.2, 22 57 06.9, -2.3, 22 56 17.6, +2.1, 22 56 17.9, +2.1, 22 56 16.5, +0.4, 22 56 35.2, +7.1, 22 57 06.4, -3.8, 22 57 34.4, +10, 22 56 21.8, +4.3, 22 56 19.3, +1.8, 22 57 10.9, -1.9, 22 56 20.2, +2.6, 22 56 37.7, -4, 22 57 10.6, -2.2, 22 57 38.5, +1.1, 22 56 19.0, +0.9, 22 56 19.0, +0.3, 22 56 37.7, +6.5, 22 57 13.8, -0.9, 22 57 41.4, +12, 22 56 20.3, +0.4, 22 56 16.1, -0.8, 22 57 44.1, +12, 22 56 21.0, +0.8, 22 56 20.8, +0.5, 22 56 40.5, +7.3, 22 57 16.5, -1.1, 22 57 45.4, +12, 22 56 22.4, +1.9, 22 57 14.6, -3.5

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Table with columns: SFTF, Sexfontaines, 5.04 98 ePn, Pn, 22 56 21.3, +0.7, 22 56 41.7, +8.1, 22 57 16.7, -1.5, 22 57 45.5, +1.2, 22 56 21.1, +1.9, 22 57 16.5, -2.8, 22 56 24.2, +1.7, 22 57 17.9, -3.8, 22 56 23.2, +0.3, 22 57 17.5, -4.9, 22 57 50.2, +12, 22 56 26.6, +0.8, 22 56 47.4, +7.3, 22 57 26.2, -1.4, 22 57 58.0, +13, 22 56 28.3, +1.5, 22 56 29.5, +1.1, 22 57 28.8, -3.5, 22 56 31.3, +2.6, 22 56 30.8, +1.8, 22 57 30.3, -3.1, 22 56 31.5, +1.4, 22 57 31.0, -4.3, 22 56 33.4, +0.4, 22 56 37.7, +8.7, 22 57 38.4, -2.0, 22 58 14.1, +14, 22 56 34.6, -0.2, 22 58 38.4, +7.2, 22 57 38.4, -5.2, 22 57 17.5, +14, 22 56 42.1, +5.4, 22 56 38.3, +0.8, 22 57 40.3, +8.8, 22 57 46.5, -1.9, 22 58 24.2, +15, 22 56 38.2, +0.1, 22 57 05.7, +1.0, 22 57 47.7, -2.0, 22 58 26.5, +16, 22 56 37.7, -1.1, 22 57 47.9, -3.0, 22 56 38.7, -0.5, 22 57 44.7, -6.9, 22 58 27.4, +15, 22 56 40.7, +1.1, 22 56 40.5, +0.3, 22 57 51.2, +1.8, 22 57 51.3, -2.0, 22 58 30.6, +16, 22 56 40.6, +0.3, 22 57 06.2, +8.2, 22 57 52.2, -1.3, 22 58 30.0, +15, 22 56 42.4, +0.1, 22 57 49.9, -7.3, 22 58 35.4, +16, 22 56 43.0, +0.2, 22 58 35.6, +15, 22 56 50.3, +17, 22 58 49.5, +17, 22 56 50.3, +0.9, 22 56 50.3, +0.5, 22 56 52.4, +1.6, 22 58 10.0, -2.3, 22 56 54.3, +0.7, 22 56 56.1, +1.0, 22 56 16.3, -3.7, 22 59 04.1, +18, 22 56 58.3, +1.3, 22 58 20.8, -2.7, 22 57 08.8, +2.3, 22 57 07.9, +0.1

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Table with columns: KRSR, comp, 0.2nm, 0.3s, b, 23 28 29.9, 23 23 56.3, -1.7, 23 20 21.8, 23 24 51.0, -0.7, 23 24 55.3, -0.8, 23 24 55.1, -0.3, 23 25 22.6, -1.9, 23 26 43.6, +0.1, 23 28 45.4, 23 26 47.5, +0.4, 23 28 55.6, 23 26 47.0, 0.0, 23 26 46.3, 2.2, 23 28 48.8, 0.0, 23 28 49.9, 23 28 48.5, -0.3, 23 30 24.0, +0.2, 23 28 46.6, -0.2, 23 28 60.0, -0.3, 23 29 00.2, -0.1, 23 28 59.7, -0.6, 23 29 02.3, +0.3, 23 29 07.9, -0.1, 23 29 17.7, +0.3, 23 29 25.6, -0.4, 23 29 38.2, 23 29 26.9, -0.4, 23 29 44.7, 23 29 26.8, -0.6, 23 29 26.6, -0.8, 23 29 28.5, +0.5, 23 29 43.5, 23 29 29.9, +0.8, 23 29 31.1, -0.3, 23 29 39.0, 23 29 35.7, +0.2, 23 29 52.9, 23 29 49.2, -0.1, 23 29 55.2, +0.4, 23 29 53.9, -0.9, 23 29 54.8, 0.0, 23 30 06.0, +0.3, 23 30 07.1, 23 30 06.0, +0.3, 23 30 07.1, 23 30 06.0, +0.3, 23 30 09.3, +0.3, 23 30 20.2, +1.2, 23 30 22.3, 23 30 37.3, +0.3, 23 30 44.5, +0.4, 23 30 45.1, 23 30 44.2, +0.2, 23 31 26.7, +0.2, 23 58 15.5, 23 32 00.0, +0.4, 23 31 59.7, 0.0, 23 32 05.7, +0.8, 23 32 24.3, +1.0, 23 32 28.2, +0.1, 23 32 28.5, +0.4, 23 32 30.7, -0.2, 00 11 15.0, 23 32 42.3, +1.2, 23 32 49.8, +0.8, 23 32 51.4, +1.1, 23 33 40.3, +1.5

IDC 25 23:20:21.5, 0.7, 31.08N, 141.182E, h0km, mb3,9/16, mb1 4, 1/22, mb1mx4,0/37, mbtm3,9/22, M3 6/5, MS3,2/9, Ms1 3,3/9, ms1mx3,0/37, Error ellipse: s-maj=23.5km s-min=14.8km az=75.0 NEIC 25 23:20:23.1, 1.0, 31.16N, 140.04, 141.90E, 0.06, h10km, 1km, mb4, 4/24, Error ellipse: s-maj=11.1km s-min=3.4km az=126.0 JMA 25 23:20:23.7, 0.2, 31.131N, 142.61E, h77km, M3,9 NIED 25 23:20:23.8, 31.311N, 142.61E, h77km, MW4, 4, Moment Tensor Solution, s3 Moment tensor: Scale 10^19N; Mn: 1.0; M0: 0.16; M00: 1.5; M01: 1.23; M02: 0.50; M03: 3.43; Fault plane solution: Ms3: 3200x10^15 NP1: phi=340.00000, s81.00000, r3.00000, NP2: phi=163.00000, s89.00000, r3.00000. ISC 25 23:20:25.1, 0.5, 31.14N, 141.88E, 0.08, h24km, n74, s1097/77, mb4, 2.28, MS3,4/4, Southeast of Honshu Code Station Name Az Az' Phase ID Time Res SUR Sutherland 20.59 357 Op ISC h m s ISC SUR Sanae 21.75 201 P Iamb Iamb 23 27 57.8 -1.6 SNAAS Sanae 21.75 201 P P 23 28 10.8 +1.6 SNAAS Sanae 21.75 201 P Iamb Iamb 23 28 09.1 -0.1 VNA2 comp=Z, 27nm, 1.1s, 22.34 205 P P 23 28 15.0 -0.4 VNA1 Neumayer-Stat 22.40 206 P P 23 28 16.0 -0.1 VNA3 Neumayer Olymp 23.12 206 P P 23 28 22.9 -0.8 MAW Mawson 24.31 143 LR 23 36 52.9 BOSA comp=Z, 230nm, 18.1s, b, 23 36 32.3 BOSA Boshof 24.43 7 LR 23 36 32.3 LBTB Lobatse 28.03 7 P 23 29 08.8 -0.4 LBTB comp=Z, 5.7nm, 1.1s, 23 29 12.3 BELA Belgrano 2.31 980 P P 23 29 43.5 0.0 QSPA South Pole Qui 37.26 180 P Iamb Iamb 23 30 30.0 +0.4 QSPA comp=Z, 3.1nm, 1.4s, 23 30 43.9 PMSA Palmer Station 42.57 219 LR 23 47 07.4 VNSA Vanda 40.74 169 LR 23 51 51.9 KMBO Kiliya Mboya 53.16 19 LR 23 53 50.0 PLCA Paso Flores 60.29 241 LR 23 57 05.0 DBIC comp=Z, 4.7nm, 18.4s, b, 63.69 330 LR 23 55 25.6 MT05 Renca 65.78 246 P P 23 58 02.2 -0.8 TORD Torodi Ar. Bea 68.16 338 P P 23 34 18.8 +0.7 TORD comp=Z, 0.9nm, 0.9s, b, 183, slow=3, SNR=3.4 LR 00 00 25.4 STKA Stephens Creek 80.45 131 P P 23 35 30.1, +1.1 LEM Lembaring 81.84 90 LR 00 01 57.6 ASAR Alice Springs 83.53 121 P P 23 35 45.1 -1.0 ASAR Alice Springs 83.53 121 P P 23 35 45.9 -0.2 AS1 Alice Springs 83.53 121 P P 23 35 46.5 +0.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PSI Prapat, WRA Warramunga Arr, WBO Warramunga Arr, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JCN Nagara, JSMT Sammumatsuo, JOM Hanno, etc.

JMA 25 23:24:40.5:0.1, 35:52N-139:00E, h22km, 2km, M2.5, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, JKEN Kujiedanarisaw, etc.

JMA 25 23:48:39.7:0.2, 35:55N-140:04E, h69km, 2km, M3.1, JMA Felt J1

IDC 25 23:48:42.6:2.0, 35:37N-139:53E, h84km, 12km, mb3.5/3, mb1 3.6/4, mb1mx3.1/42, mbtmpp3.4/4, Error ellipse: s-maj=50.1km s-min=7.2km az=68.0

ISC 25 23:48:40.0-0.9, 35:58N-140:03E-0.05, h73km, 7km, n18, -0971/26, mb3.8/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JCN Nagara, JSMT Sammumatsuo, JOD2 Odawara, etc.

IDC 25 23:52:41.5:0.6, 31:03N-141:89E, h0km, mb4.1/20, mb1 4.2/24, mb1mx4.1/48, mbtmpp4.1/24, ML3.7/4, MS3.2/6, Ms1 3.3/6, ms1mx2.8/41, Error ellipse: s-maj=18.1km s-min=14.0km az=85.0

JMA 25 23:52:43.5:0.3, 31:31N-142:71E, h42km, M4.1, NIED 25 23:52:43.5, 31:31N-142:71E, h42km, MW4.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn:0.05; M0:0.84; M1:0.98; M2:0.22; M3:2.60; Fault plane solution: Ms2.90000x10^15 NP1: 0.340,00000; 0.82,00000; 1.88,00000. NP2: 0.6176,00000; 0.9,00000; 1.06,00000

NEIC 25 23:52:45.1, 31:04N-141:95E-0.1, h22km, 5km, mb4.4/11, Error ellipse: s-maj=16.3km s-min=9.7km az=80.0

ISC 25 23:52:45.3:0.5, 31:10N-142:00E-0.08, h24km, n97, -0140/99, mb4.4/36, MS3.4/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BSO3 Boso 3, CBJ3 Chichi jima, JCI3 Chichijima, etc.

Table with columns: JNY Yasuok, JRY Ryogang san, JHO Hitachi, etc. Includes station codes and times.

Table with columns: NACB Ninganchiao, NACB Ninganchiao, KLR Kul'dur, etc. Includes station codes and times.

Table with columns: XAN Xuan, ULN Ulaanbaatar, ULN Ulaanbaatar, etc. Includes station codes and times.

Table with columns: CMAR Chiang Mai, WMQ Urumqi, WMQ Urumqi, etc. Includes station codes and times.

Table with columns: COEN Coen, ZAAO Zalesovo Array, ZAAO Zalesovo Array, etc. Includes station codes and times.

Table with columns: ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: KURK Kurchatov, WBO Warramunga Arr, WBO Warramunga Arr, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: KADK Kodiak Island, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc. Includes station codes and times.

Table with columns: SUA Susitna One, SDA Murphy Dome, IL31 Ilorain, etc. Includes station codes and times.

Table with columns: MLR comp=Z,2.5nm,1.1s, Iamb, Iamb, 00 05 20.5, TXAR Lajitas Array, etc.

IDC 26 00:01:25.1:1.1, 11:55S-117:67E, h0km, mb3.8/6, mb1 3.9/11, mb1mx3.8/30, mbtmpp3.9/11, ML3.8/5, MS2.8/2, Ms1 2.8/2, ms1mx2.4/35, Error ellipse: s-maj=34.9km s-min=18.2km az=60.0

NEIC 26 00:01:25.5:1.4, 11:65S-117:65E-0.08, h10km, 1km, mb4.0/10, Error ellipse: s-maj=13.5km s-min=8.7km az=265.0

ISC 26 00:01:28.5:0.6, 11:69S-117:69E-0.07, h34km, n33, -0224/36, mb4.1/9, South of Sumbawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JAGI Jagaj, BANI Baunat, BANI Baunat, etc.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc. Includes station codes and times.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like M02C Callahan, K04D Chiloquin, and many others.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like LRMCL Laurel Mtn Rad, TPNV Topopah Spring, and many others.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like PPT Papeete, PPT2 Papeete2, and many others.

ANF 26 01:18:36.4±0.1, 33.93N±116.03'W, h9km, 1km, MZ 3.7/30, Error ellipse: s-maj=1, 1km s-min=0.9km az=170.0
IDC 26 01:18:36.3±0.8, 33.90N±115.99'W, h0km, mb1 3.5/5, mb1mx3.4/44, mb1mp3.2/5, ML3.5/5, Error ellipse: s-maj=1, 4km s-min=6.2km az=131.0
SCEDC 26 01:18:37.5, 33.94N±116.03'W, h4km, NEIC 26 01:18:37.0±0.8, 33.94N±0.01±116.03'W±0.008, h16km, 1km, Error ellipse: s-maj=1.5km s-min=1.0km az=175.0
PAS 26 01:18:37.5±0.9, 33.938N±0.009±116.03'W±0.01, h4km, 6km, ML3.7/213, ML3.4/80(NEIC), Error ellipse: s-maj=1.4km s-min=1.3km az=46.0
ISC 26 01:18:37.2±0.8, 33.94N±0.01±116.02'W±0.01, h10km, 5km, n163, ±0.85/222, Southern California

Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details. Includes stations like BELC Belle Mtn, JCS Belle Mtn, and many others.

Table of astronomical observations for 26d 3h, listing stations like QIZ, ZALV, ZALV, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2015 FEB, listing stations like PDD31, PDAR, PDAR, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 1262, listing stations like YOA, YOA, YOA, etc., with columns for station name, coordinates, and observation details.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like VTM, Vitim, Khani, Tupik, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like IRK, TLY, ZEA, ZAK, ZAK, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NCK, NCK, Tersakya, BKRKG, etc.

NOU 26 03:18:55.6, 16:32S-166:54E, h0km, MLV4.8, Vanuatu Islands, Vanuatu Islands

Table listing station names and parameters for Vanuatu Islands, including SARAOUIT, DAVP, KOUNC, etc.

MOS 26 03:25:47.2, 0.0, 42:77N-144:20E, h24km, MPVA3.3

Table listing station names and parameters for MOS 26 03:25:47.2, including ZEI, KORR, etc.

ISC 26 03:25:47.3, 0.9, 42:78N-144:21E, h17km, g8km, 0.95, -0.92/67, Western Caucasus

Table listing station names and parameters for Western Caucasus, including ZEI, KORR, PANSHEI, etc.

IDC 26 03:28:39.0, 1.7, 51:88N-179:41W, h0km, mb3.7/9, mb1 3.9/9, mb1mx3.6/35, mbtmp3.7/9, Error ellipse: s-maj=60.7km s-min=18.6km az=5.0

Table listing station names and parameters for IDC 26 03:28:39.0, including CERA, AMKA, etc.

NEIC 26 03:28:48.1, 1.5, 51:5N-0:2-179:31W, 0:08, h51km, 23km, Error ellipse: s-maj=25.5km s-min=6.8km az=172.0

Table listing station names and parameters for NEIC 26 03:28:48.1, including CERA, AMKA, etc.

ISC 26 03:28:45.3, 0.9, 51:44N-1:179:33W, 0:04, h50km, n44, 0.95, -0.92/67, Western Caucasus

Table listing station names and parameters for ISC 26 03:28:45.3, including CERA, AMKA, etc.

IDC 26 03:45:03.2, 2.8, 43:02N-46:04E, h0km, mb3.5/2, mb1 3.5/2, mb1mx3.0/42, mbtmp3.5/2, Error ellipse: s-maj=46.3km s-min=24.3km az=19.0

Table listing station names and parameters for IDC 26 03:45:03.2, including GROC, GROC, etc.

MOS 26 03:45:13.8, 0.0, 43:15N-46:01E, h95km, 2km, MPVA3.9

Table listing station names and parameters for MOS 26 03:45:13.8, including GROC, GROC, etc.

ISC 26 03:45:14.5, 0.6, 43:19N-0:03-46:02E, 0:02, h95km, 5km, n95, -1.22/170, 13C-29D, Eastern Caucasus

Table listing station names and parameters for Eastern Caucasus, including GROC, GROC, etc.

26d 3h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Botlikh, Karanay, Arakani, etc.

2015 FEB

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ONI, AKHTY, SEKA, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like UKT, YOA, NLYR, etc.

IDD 26 03:46:11.6-6.9, 6:59S:147:60E, h55km, 54km, mb3.9/3, mb1.4/0.5, mb1mx3.5/45, mbtmp4.0/5, ML4.0/1, MS2.7/2, MS1.2/7.2, ms1mx2.5/33, Error ellipse: s-maj=54.6km, s-min=46.3km az=83.0

BUI 26 03:49:30.3-0.0, 56:46N:114:12E, h6km, mb4.5/12, mb4.0/17, Ms4.4/13, Ms7.4/1/14
MOS 26 03:49:32.9-1.2, 56:06N:113:79E, h9km, mb4.3/11, Error ellipse: s-maj=8.2km s-min=5.9km az=65.8

26d 5h

TORD Torodi Ar. Bea 150.06 287 PKPbc PKPbc 04 22 21.9 +0.3

IDC 26 04:13:07.5:1.6, 4.01N:126.58E, h104km, mb3.6/9, mb1 3.7/1.1, mb1mx3.5/3, mbtmp4.0/11, MS3.3/2, Ms1 3.4/2, ms1mx2.6/36, Error ellipse: s-maj=43.1km

DJA 26 04:13:07.0:5.0, 8.2N:127.7E, h92km, 7km, M4.5/12, mb4.7/6, mbA.9/7, MLv4.6/12, Mw(mb)4.2/7

MAN 26 04:13:07.0:4.09N:126.47E, h21km, mb4.8, ML3.7, MS3.7

ISC 26 04:13:07.1-0.7, 3.97N:107.05E:126.48E:0.07, h100km, n27, @189/32, mb3.8/9, 1C, Talaud Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 26d 5h period.

NEIC 26 04:28:40.4:1.9, 6.33S:149.0E:0.2, h89km, 6km, mb4.2/9, Error ellipse: s-maj=38.5km s-min=10.2km az=129.0

IDC 26 04:28:41.5:7.5, 6.03S:148.55E, h75km, 60km, mb3.8/2, mb1 4.1/4, mb1mx3.4/35, mbtmp4.2/4, ML4.5/1, Error ellipse: s-maj=70.9km s-min=51.9km az=120.0

ISC 26 04:28:40.9:0.9, 6.33S:149.0E:0.2, h100km, n20, @1502/22, mb4.1/3, New Britain region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 26d 5h period.

WEL 26 05:13:00, 46.49S:166.37E, h17km, ML4.5, Mw4.1, Moment Tensor Solution, s4 Moment tensor: Scale 1015 Nm; Mn:0.79; M0:0.15; M1:0.94; M2:0.26; M3:0.23; Mw:1.22; Fault plane solution: M1:5.3000x10^15 NP1: @s350.00000°, @t18.00000°, @p2.00000°. NP2: @s168.00000°, @t72.00000°, @p190.00000°. Principal axes: T -162.7400, P163.0000, Azm77.0000; N 19.7100, P17.0000, Azm168.0000; P 143.0300, P127.0000, Azm253.0000

WEL 26 05:13:48.8, 46S:12.166E, h5km, 10km, ML4.5/19, ML4.7/19, MLv4.5/19, Error ellipse: s-maj=0.0km s-min=0.0km az=15.5, Off west coast of South Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 26d 5h period.

2015 FEB

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 2015 FEB period.

SOME 26 05:27:53.6:4.1, 32N:84.00E, h0km, NNC 26 05:27:59.2:3.7, 41.50N:83.92E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=30.0km s-min=18.0km az=167.0

ISC 26 05:28:05.0:2.7, 41.6N:0.1:83.71E:0.09, h10km, n17, @128/25, 4C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 2015 FEB period.

IDC 26 05:34:08.8:3.5, 55.58N:86.08E, h0km, mb1 2.6/1, mb1mx2.6/47, mbtmp2.6/1, ML2.7/2, Error ellipse: s-maj=27.3km s-min=24.8km az=49.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 2015 FEB period.

JMA 26 05:37:28.4:0.3, 25.24N:123.37E, h173km, 4km, M2.9, Northeast of Taiwan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 2015 FEB period.

TAP 26 05:38:23.6, 24.31N:121.62E, h24km, ML1.3, C, Taiwan

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 1266 period.

IDC 26 05:39:03.2:1.1, 39.93N:143.82E, h0km, mb3.5/7, mb1 3.8/9, mb1mx3.6/49, mbtmp3.7/9, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.5/47, Error ellipse: s-maj=29.2km

JMA 26 05:39:06.7:0.2, 39.87N:143.43E, h24km, M3.8, NIED 26 05:39:06.8, 39.87N:143.43E, h24km, MW3.7, Moment Tensor Solution, s4 Moment tensor: Scale 1014Nm; Mn:2.93; M0:0.08; M1:2.85; M2:1.70; M3:2.21; Fault plane solution: M4:1.7000x10^14 NP1: @s22.00000°, @t66.00000°, @p101.00000°. NP2: @s186.00000°, @t62.00000°, @p167.00000°

ISC 26 05:39:04.0:0.9, 39.88N:143.55E:0.09, h6km, n34, @1944/28, mb3.6/7, Off east coast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 1266 period.

DRS 26 05:39:05.4:0.0, 42.47N:48.90E, h10km, ML2.8/10, MOS 26 05:39:11.6:0.0, 42.28N:48.52E, h6km, MPVA3.8, 10C-15D, Caspian Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 1266 period.

26d 6h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MEEK, KLBR, NWA0, etc.

2015 FEB

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

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

1269 **2015 FEB** 269 6h

BMO	Blue Mountains	82.50	37	P	IAMS_20	IAMS_20	06 39 14.4	-0.4
E08A	Dider Farm, El	82.57	35	P	Iamb	Iamb	06 39 15.2	+0.1
H03S2	Juan Fernandez	82.66	123	T	T	T	08 11 46.0	
O22K	Cooper Landing	82.67	12	IAMS_20	IAMS_20	07 16 11.7		
H03S1	Juan Fernandez	82.67	123	T	T	08 11 50.9		
H03S3	Juan Fernandez	82.68	123	T	T	08 11 49.0		
BGU	Big Grassy Moun	82.71	42	P	IAMS_20	IAMS_20	06 39 17.2	+1.1
UNM	Universidad Na	82.72	66	IAMS_20	IAMS_20	07 10 12.2		
MDJ	Mudanjiang	82.75	323	IAMS_20	IAMS_20	07 11 56.3		
H03N2	Juan Fernandez	82.79	123	T	T	08 12 01.3		
H03N3	Juan Fernandez	82.79	123	T	T	08 12 00.1		
H03N1	Juan Fernandez	82.80	123	T	T	08 12 05.3		
TMUT	Trail Mountain	82.97	44	P	P	06 39 19.3	+1.6	
NJ2	Nanjing	82.98	308	eP	pmax	pmax	06 39 17.8	+0.3
D08A	Wollman Farm,	83.00	34	P	Iamb	Iamb	06 39 17.1	+0.5
E09A	Wood Farm, Sta	83.07	35	P	Iamb	Iamb	06 39 18.0	+0.4
DLV	T. Lat	83.08	285	P	P	06 39 18.6	0.0	
NKL	Nikolayevsk	83.08	334	eP	pmax	pmax	06 39 18.2	+0.7
NKL	comp=E,115nm,0.7s				pmax	pmax		
NKL	comp=N,8.0nm,1.1s				pmax	pmax		
MPU	Maple Canyon	83.09	43	P	P	06 39 18.4	+0.2	
MNTX	Cornudas Mount	83.17	53	P	Iamb	Iamb	06 39 19.4	+0.9
Y22D	FRIS PASCALI I	83.19	50	IAMS_20	IAMS_20	07 13 43.2		
RC01	Rabbit Creek A	83.23	11	P	P	06 39 17.4	-0.7	
F10A	Beach Ranch, E	83.24	36	P	Iamb	Iamb	06 39 18.1	-0.5
GRNR	Gorny	83.24	331	iP	pmax	pmax	06 39 22.4	+4.0
GRNR	comp=Z,6.0nm,0.9s				MLR	MLR		
GRNR	comp=E,150nm,17.0s				MLR	MLR		
GRNR	comp=N,180nm,18.0s				MLR	MLR		
HIN	Hinchinbrook I	83.24	13	IAMS_20	IAMS_20	07 17 29.0		
MAW	Mawson	83.25	199	LR	LR	07 15 56.9		
MAW	Mawson	83.25	199	P	P	06 39 15.7	-2.6	
SRU	San Rafael Swe	83.31	44	P	P	06 39 20.0	+0.7	
SRU	San Rafael Swe	83.31	44	P	P	06 39 20.0	+0.7	
HVU	Hansel Valley	83.35	41	P	P	06 39 19.7	+0.3	
HVU	comp=Z,17nm,1.5s				pmax	pmax		
HVU	Hansel Valley	83.35	41	P	Iamb	Iamb	06 39 19.7	+0.3
TX31	Lajitas Arr. Si	83.37	56	P	P	06 39 20.9	+1.2	
TX32	Lajitas Arroy	83.37	56	P	Iamb	Iamb	06 39 20.9	+1.2
TX32	comp=Z,24nm,1.4s				P	P	06 39 20.8	+1.1
TXAR	Lajitas Array	83.37	56	P	P	06 39 20.8	+1.1	
TXAR	comp=Z,4.0nm,1.0s,baz=214,slow=5.7,SNR=16				LR	LR	07 10 22.4	
CTU	Camp Tracy	83.39	42	P	Iamb	Iamb	06 39 20.6	+0.9
CTU	comp=Z,385nm,18.8s,baz=0.0,slow=31				Iamb	Iamb	06 39 30.5	
HLID	Hailey	83.39	39	P	IAMS_20	IAMS_20	06 39 20.1	+0.3
SUA	Susitna One	83.40	11	P	P	06 39 17.7	-1.4	
SUA	Susitna One	83.40	11	IAMS_20	IAMS_20	07 13 45.8		
BNM	Barren Site	83.44	50	P	IAMS_20	IAMS_20	06 39 20.9	+0.8
GLI	Glacier Island	83.56	13	IAMS_20	IAMS_20	07 13 33.2		
FID	Port Fidalgo	83.57	13	IAMS_20	IAMS_20	07 13 32.4		
B08A	Colville Reser	83.62	33	P	P	06 39 19.5	-1.0	
PV05	Paradox Valley	83.71	46	P	P	06 39 23.0	+1.5	
SKT	Skwentna	83.75	10	IAMS_20	IAMS_20	07 10 18.0		
C09A	Chrisman Ranch	83.82	34	P	P	06 39 21.6	+0.1	
TCUT	Toone Canyon	83.84	42	P	P	06 39 22.6	+0.6	
PV10	Paradox Valley	83.91	45	P	P	06 39 23.4	+0.9	
PV17	East Wray Mesa	83.92	46	P	P	06 39 23.2	+0.8	
ANMO	Albuquerque	83.96	50	eP	pmax	pmax	06 39 24.2	+1.5
ANMO	comp=Z,40nm,1.5s				P	P	06 39 23.6	+0.8
PV11	David Mesa, Pa	83.98	46	P	P	06 39 23.1	+0.4	
TTA	Tatalina	83.98	8	P	pmax	pmax	06 39 21.7	-0.4
TTA	Tatalina	83.99	8	P	Iamb	Iamb	06 39 21.7	-0.4
TTA	comp=Z,14nm,1.2s				Iamb	Iamb	06 39 36.5	
PV04	Paradox Valley	84.01	46	P	Iamb	Iamb	06 39 23.6	+0.7
PV04	comp=Z,25nm,1.1s				P	P	06 39 23.7	+0.6
PV12	Saucer Basin,	84.04	46	P	P	06 39 23.7	+0.6	
MESA	MESA	84.09	15	IAMS_20	IAMS_20	07 13 21.9		
PV01	Paradox Valley	84.10	46	P	Iamb	Iamb	06 39 23.8	+0.3
PV01	comp=Z,20nm,1.0s				Iamb	Iamb	06 39 30.1	
PV22	Blue Mesa, Par	84.16	45	P	Iamb	Iamb	06 39 24.2	+0.5
PV22	comp=Z,37nm,1.5s				P	P	06 39 24.4	+0.7
GD2L	Guadalupe Moun	84.17	53	P	P	06 39 24.3	+0.4	
PV07	Paradox Valley	84.20	46	Iamb	Iamb	06 39 28.2		
PV07	comp=Z,29nm,1.2s				Iamb	Iamb	06 39 24.7	+0.5
PV15	Paradox Valley	84.27	46	P	Iamb	Iamb	06 39 28.4	
PV15	comp=Z,21nm,1.1s				Iamb	Iamb	07 19 32.4	
KLU	Klutina	84.35	13	IAMS_20	IAMS_20	07 19 32.4		
SCM	Sheep Creek Mo	84.38	12	IAMS_20	IAMS_20	07 14 11.9		
BCYI	Bear Canyon	84.42	39	P	IAMS_20	IAMS_20	06 39 25.0	+0.1
DL2	Dalian	84.45	31	P	P	06 39 35.5	+1.1	
KLR	Kul'dur	84.47	327	P	P	06 39 25.8	+1.0	
KLR	comp=Z,1.0nm,0.7s,baz=104,slow=2.9,SNR=3.2				P	P	06 39 26.3	+1.6
KLR	Kul'dur	84.47	327	iP	pmax	pmax		
TABL	Table Mountain	84.52	15	IAMS_20	IAMS_20	07 22 39.2		
QIZ	Qiongzong	84.61	292	P	S	06 49 26.0	-0.1	
QIZ	comp=Z,1.0nm,18.0s				S	S	06 49 51.3	-0.9
QIZ	comp=Z,220nm,7.7s				SS	SS	06 55 25.0	+0.9
QIZ	comp=Z,180nm,18.1s				LR	LR		
QIZ	comp=Z,320nm,17.2s				LR	LR		
QIZ	comp=Z,290nm,21.6s				LR	LR		
VRDI	Verde Repeater	84.66	14	IAMS_20	IAMS_20	07 17 36.6		
VRDI	comp=Z,991nm,18.0s							

MA2	Magadan	84.68	343	iP	P	06 39 25.3	-0.2	
CN2	Changchun	84.69	320	eP	S	06 39 29.8	+3.9	
CN2	comp=Z,20nm,1.1s				pmax	pmax	06 49 54.8	+2.8
CN2	comp=Z,500nm,6.0s				LR	LR		
CN2	comp=Z,300nm,15.0s				LR	LR		
CN2	comp=Z,300nm,15.0s				LR	LR		
CN2	comp=Z,400nm,20.0s				LR	LR	07 13 44.0	
REDW	Newport	84.71	34	LR	LR	07 13 44.0		
RDMU	Red Mountain	84.72	43	P	Iamb	Iamb	06 39 26.9	+0.5
RDMU	comp=Z,17nm,1.2s				P	P	06 39 30.4	
N25K	Chitina, Valde	84.74	13	P	IAMS_20	IAMS_20	06 39 25.5	-0.4
N25K	Chitina, Valde	84.74	13	IAMS_20	IAMS_20	07 18 08.7		
N25K	comp=Z,949nm,18.0s				P	P	06 39 25.2	-0.8
BALM	Baldy	84.75	15	P	Iamb	Iamb	06 39 29.4	
BALM	comp=Z,17nm,1.2s				IAMS_20	IAMS_20	07 17 00.1	
GLB	Gilahina Butte	84.77	14	IAMS_20	IAMS_20	07 17 41.5		
M24K	Tolsona, Glenn	84.86	13	P	P	06 39 27.0	+0.6	
MCARA	McCarthy VSAT	84.89	14	IAMS_20	IAMS_20	07 14 36.9		
CTG	Chitina Glacier	84.93	15	P	P	06 39 26.5	-0.5	
AHID	Auburn Hatcher	84.93	41	P	Iamb	Iamb	06 39 28.1	+0.6
AHID	comp=Z,23nm,1.3s				IAMS_20	IAMS_20	07 19 20.6	
AHID	comp=Z,1.1m,18.0s				P	P	06 39 28.7	+0.6
MCMT	McKenzie Canyo	85.04	39	P	P	06 39 29.6	+1.1	
S22A	4UR Ranch, Cre	85.09	47	P	P	06 39 29.3	+0.5	
KTH	Kantishna Hill	85.10	10	P	Iamb	Iamb	06 39 29.3	+0.5
KTH	comp=Z,16nm,1.2s				IAMS_20	IAMS_20	07 15 28.5	
KTH	comp=Z,2.0m,20.0s				P	P	06 39 28.5	-0.4
TRF	Thorofare Moun	85.33	10	P	Iamb	Iamb	06 39 28.6	-0.3
TRF	Thorofare Moun	85.33	10	P	Iamb	Iamb	06 39 28.6	-0.3
TRF	comp=Z,15nm,1.0s				P	P	06 39 29.5	-0.1
O20A	White River Ci	85.35	44	P	P	06 39 30.1	+0.5	
O20A	White River Ci	85.35	44	P	Iamb	Iamb	06 39 32.3	
REDW	Red Top Meadow	85.41	41	P	Iamb	Iamb	06 39 30.4	+0.4
REDW	comp=Z,24nm,1.4s				IAMS_20	IAMS_20	07 17 07.2	
REDW	comp=Z,1.1m,18.0s				P	P	06 39 30.7	+0.5
DLMT	Dillon	85.49	38	P	P	06 39 30.2	-0.3	
SNOW	Snow King Moun	85.53	40	Iamb	Iamb	06 39 38.0		
SNOW	comp=Z,27nm,1.2s				IAMS_20	IAMS_20	07 16 55.2	
SNOW	comp=Z,1.1m,18.0s				P	P	06 39 29.6	-0.3
RND	Reindeer	85.54	11	P	pmax	pmax	06 39 29.6	-0.3
RND	comp=Z,23nm,1.0s				Iamb	Iamb	06 39 29.6	-0.3
RND	Reindeer	85.54	11	P	Iamb	Iamb	06 39 29.6	-0.3
RND	comp=Z,23nm,1.0s				IAMS_20	IAMS_20	07 15 23.5	
MSO	Missoula	85.57	36	P	P	06 39 30.5	+0.1	
MSO	comp=Z,1.1m,19.0s				P	P	06 39 31.8	+0.4
LOHW	Long Hollow	85.70	40	P	IAMS_20	IAMS_20	07 16 51.8	
LOHW	comp=Z,1.1m,18.0s				P	P	06 39 32.0	+0.7
WHN	Wuhan	85.70	305	iP	pmax	pmax	06 39 32.0	+0.7
WHN	comp=Z,880nm,7.4s				LR	LR		
WHN	comp=Z,480nm,9.5s				LR	LR		
WHN	comp=Z,820nm,17.1s				LR	LR		
WHN	comp=Z,2.0m,27.5s				P	P	06 39 33.3	+1.6
SMCO	Snowmass	85.70	46	P	Iamb	Iamb	06 39 33.8	+1.6
SMCO	comp=Z,29nm,1.4s				P	P	06 3	

Table with columns: MEM, Station Name, Az, El, P, K, PK, Res, Time, Res, ISC. Includes stations like MEMBACH, NOVOY KOSTEL, etc.

Table with columns: Code, Station Name, Az, El, P, K, PK, Res, Time, Res, ISC. Includes stations like KURBS, ILAR, TOR, etc.

Table with columns: Code, Station Name, Az, El, P, K, PK, Res, Time, Res, ISC. Includes stations like TCM2, TKM2, DGS, etc.

Table with columns: Code, Station Name, Az, El, P, K, PK, Res, Time, Res, ISC. Includes stations like PMG, WRA, SIJU, etc.

Table with columns: Code, Station Name, Az, El, P, K, PK, Res, Time, Res, ISC. Includes stations like SIJU, BATI, WRA, etc.

Table with columns: Code, Station Name, Az, El, P, K, PK, Res, Time, Res, ISC. Includes stations like SAUI, SAUI, SAUI, etc.

Table of astronomical observations for station 1273, listing station names, codes, and various parameters like time, phase ID, and residuals.

Main table of astronomical observations for 2015 FEB, listing station names, codes, and various parameters like time, phase ID, and residuals.

Table of astronomical observations for station 26 Feb 7h, listing station names, codes, and various parameters like time, phase ID, and residuals.

DUG	Dugway, Tooele	44.31	78	P	P	09 53 46.8 +1.0
DUG	Dugway, Tooele	44.31	78	Iamb	Iamb	09 53 48.1
DECC	Green Verdugo	44.34	86	P	P	09 53 46.1 +0.2
MWC	Mount Wilson	44.53	88	Iamb	Iamb	09 53 50.5
PSUT	Pine Spring	44.61	80	P	P	09 53 48.7 +0.4
SHOC	Shoshone, Teco	44.64	85	P	P	09 53 49.3 +1.0
GSC	Goldstone, Bar	44.67	86	P	P	09 53 49.6 +1.0
GSC	Goldstone, Bar	44.67	86	Iamb	Iamb	09 53 50.8
TCUT	Toone Canyon	44.67	76	Iamb	Iamb	09 53 50.9
CTU	Camp Tracy	44.69	77	Iamb	Iamb	09 53 50.8
FMP	Fort MacArthur	44.70	89	P	P	09 53 49.5 +0.7
DL2	Dalian	44.75	280	eP	P	09 53 53.5 +4.4
DL2				pmx	pmx	10 00 28.5 +4.0
DL2	comp=Z,42nm,1.0s					
DL2	comp=N,270nm,13.0s			LR	LR	
DL2	comp=E,270nm,11.3s			LR	LR	
BL2	comp=Z,210nm,16.3s			LR	LR	
DFSC	Mount Baldy	44.78	88	P	P	09 53 50.1 +0.5
RRX	Edison Barstow	44.81	87	P	P	09 53 50.4 +0.7
CIS	Catalina Islan	44.82	89	P	P	09 53 50.0 +0.2
LAO	LASA Array	44.82	66	P	P	09 53 50.1 +0.4
BW06	Boulder Array	44.90	73	P	P	09 53 50.8 +0.2
BW06	Boulder Array	44.90	73	Iamb	Iamb	09 53 52.2
PD31	Pinedale Array	44.90	73	Iamb	Iamb	09 53 52.2
PDAR	Pinedale Array	44.90	73	P	P	09 53 50.9 +0.3
PDAR	Pinedale Array	44.90	73	LR	LR	10 09 47.7
PDAR	Pinedale Array	44.90	73	LR	LR	10 09 47.7
NLU	North Lily Mir	44.91	78	Iamb	Iamb	09 53 52.8
JLU	Jordanelle	44.93	76	Iamb	Iamb	09 53 53.1
SHR	Sheep Range	44.99	84	P	P	09 53 51.7 +0.5
SCI2	San Clemente I	45.01	90	P	P	09 53 51.7 +0.4
DGMT	Dagmar	45.09	63	P	P	09 53 51.7 -0.1
DGMT	Dagmar	45.09	63	Iamb	Iamb	09 53 53.4
MPU	Maple Canyon	45.15	77	Iamb	Iamb	09 53 54.6
BBRC	Big Bear Solar	45.24	87	P	P	09 53 54.3 +0.9
HEC	Hector,Ludlow	45.26	86	P	P	09 53 54.2 +0.8
TCRU	Three Creeks R	45.46	79	Iamb	Iamb	09 54 00.4
MURC	Murrieta	45.48	88	P	P	09 53 55.8 +0.7
CCUT	Cedar City	45.50	81	Iamb	Iamb	09 53 57.9
TULEG	Thule	45.62	18	iP	P	09 53 57.4 +1.9
ZSCU	Shurtz Canyon	45.65	81	P	P	09 53 57.0 +0.4
GMRC	Granite Mounta	45.72	86	P	P	09 53 57.6 +0.5
TMUT	Trail Mountain	45.84	78	Iamb	Iamb	09 54 00.9
LCMT	Little Creek M	45.90	82	Iamb	Iamb	09 54 00.4
PFO	Pinyon Flats O	45.95	88	P	P	09 53 59.4 +0.5
PFO	Pinyon Flats O	45.95	88	P	P	09 53 59.5 +0.6
PFO	Pinyon Flats O	45.95	88	pmx	pmx	09 55 36.3
PFO	Pinyon Flats O	45.95	88	P	P	09 53 59.5 +0.6
PFO	Pinyon Flats O	45.95	88	Iamb	Iamb	09 54 00.8
PFO	Pinyon Flats O	45.95	88	PcP	PcP	09 55 36.3 +0.9
PFO	Pinyon Flats O	45.95	88	P	P	09 53 59.5 +0.5
MTPU	Mount Pierson	45.96	80	Iamb	Iamb	09 54 01.8
109C	Camp Elliot, M	45.99	89	P	P	09 53 59.5 +0.5
109C	Camp Elliot, M	45.99	89	Iamb	Iamb	09 54 01.2
BELC	Belle Mtn, Jos	46.00	87	P	P	09 53 59.5 +0.2
P17A	Butcher Ranch,	46.03	77	Iamb	Iamb	09 54 01.6
KNB	Kanab	46.17	81	Iamb	Iamb	09 54 03.2
PKCU	Pink Cliffs	46.24	81	Iamb	Iamb	09 54 03.9
SRU	San Rafael Swe	46.38	78	P	pmx	09 54 02.7 +0.4
SRU	San Rafael Swe	46.38	78	P	Iamb	09 54 02.7 +0.4
SRU	San Rafael Swe	46.38	78	Iamb	Iamb	09 54 05.2
NEE2	Needles Airpor	46.40	85	P	P	09 54 02.4 +0.1
BAR	Barrett	46.41	89	Iamb	Iamb	09 54 04.4
MONP2	Monument Peak	46.43	88	P	P	09 54 03.4 +0.7
IRM	Iron Mountain	46.45	86	P	P	09 54 03.2 +0.5
NR1K	Nori'sk	46.47	331	P	P	09 54 03.0 +0.7
NR1K	Nori'sk	46.47	331	LR	LR	10 15 12.8
NR1K	Nori'sk	46.47	331	eP	P	09 54 02.9 +0.6
NR1K	Nori'sk	46.47	331	pmx	pmx	
NR1K	Nori'sk	46.47	331	P	Iamb	09 54 03.0 +0.7
NR1K	Nori'sk	46.47	331	Iamb	Iamb	09 54 04.2
BC3	Big Chuckawall	46.57	87	P	P	09 54 03.9 +0.1
IKP	In-Ko-Pah, Jac	46.79	88	P	P	09 54 06.7 +0.8
SWSC	Sam W. Stewart	46.80	88	P	P	09 54 05.2 +0.3
K22A	Casper	46.82	71	P	P	09 54 05.2 -0.5
CCX	Cicese	46.94	90	Iamb	Iamb	09 54 08.5
RWWY	Rawlins	46.95	73	Iamb	Iamb	09 54 07.9
PDMC1	Parker Dam,Lak	47.00	85	P	P	09 54 07.5 +0.5
O20A	White River Cj	47.20	75	P	P	09 54 08.6 -0.1
ESJX	Sierra Juarez	47.31	89	Iamb	Iamb	09 54 11.8
GLA	Glamis	47.35	87	P	P	09 54 10.4 +0.6
GLA	Glamis	47.35	87	P	pmx	09 54 10.4 +0.6
GLA	Glamis	47.35	87	P	Iamb	09 54 10.4 +0.6
GLA	Glamis	47.35	87	Iamb	Iamb	09 54 11.7
RSSD	Black Hills	47.50	68	P	P	09 54 10.3 -0.6
RSSD	Black Hills	47.50	68	P	pmx	09 54 10.4 -0.6
RSSD	Black Hills	47.50	68	pmx	pmx	

RSSD	Black Hills	47.50	68	P	P	09 54 10.4 -0.6
IRK	Irkutsk	47.73	305	eP	P	09 54 11.3 -1.1
PV14	Lion Creek, Pa	47.76	77	Iamb	Iamb	09 54 14.5
PV20	West Nyswonger	47.81	77	Iamb	Iamb	09 54 14.9
PV04	Paradox Valley	47.82	77	Iamb	P	09 54 13.3 -0.3
PV19	Morning Glory	47.82	77	Iamb	P	09 54 14.9
PV07	Paradox Valley	47.95	77	P	P	09 54 14.4 -0.2
PV07	Paradox Valley	47.95	77	Iamb	Iamb	09 54 15.9
WUAZ	Wupatki	48.01	82	P	P	09 54 15.8 +0.8
WUAZ	Wupatki	48.01	82	Iamb	Iamb	09 54 17.2
MDND	Madlock	48.04	62	P	P	09 54 14.4 -0.5
E28A	Huff	48.04	64	Iamb	Iamb	09 54 16.1
N23A	Red Feather La	48.18	73	P	P	09 54 16.8 +0.4
TLY	Talaya	48.35	305	LR	LR	10 16 12.1
TLY	Talaya	48.35	305	eP	P	09 54 17.6 +0.3
TLY	Talaya	48.35	305	eS	pmx	10 01 17.4 +1.5
TLY	Talaya	48.35	305	pmx	pmx	
TLY	Talaya	48.35	305	P	Iamb	09 54 18.0 +0.7
ULN	Ulanbaatar	48.53	299	eP	pmx	09 54 18.6 -0.3
ULN	Ulanbaatar	48.53	299	P	pmx	
ULN	Ulanbaatar	48.53	299	P	P	09 54 19.2 +0.3
SMCO	Snowmass	48.56	75	P	P	09 54 19.3 -0.2
MVCO	Mesa Verde	48.79	78	P	P	09 54 21.4 +0.3
ULM	Lac du Bonnet	48.81	57	P	P	09 54 20.5 -0.3
ULM	Lac du Bonnet	48.81	57	LR	LR	10 15 24.9
SONM	Songino Array	48.92	299	P	P	09 55 22.3 +0.4
SONM	Songino Array	48.92	299	PcP	PcP	09 55 45.4 -0.4
SONM	Songino Array	48.92	299	LR	LR	10 16 21.7
SONM	Songino Array	48.92	299	P	pmx	09 54 21.8 0.0
SONM	Songino Array	48.92	299	P	P	09 54 21.8 0.0
SONM	Songino Array	48.92	299	P	P	09 54 23.5 +0.5
ISCO	Idaho Springs	49.03	74	Iamb	Iamb	09 54 25.0
ISCO	Idaho Springs	49.03	74	Iamb	Iamb	09 54 25.0
KULLO	Kullorsuaq	49.12	18	iP	P	09 54 24.0 +1.2
KULLO	Kullorsuaq	49.12	18	iP	pmx	09 54 24.0 +1.2
KULLO	Kullorsuaq	49.12	18	iP	P	09 54 24.0 +1.2
KULLO	Kullorsuaq	49.12	18	iP	Iamb	09 54 24.9
PIX	Pinacate	49.20	88	Iamb	Iamb	09 54 25.6
TIA	Tai'an	49.23	280	P	pmx	09 54 23.5 -0.7
ZAK	Zakamensk	49.24	303	eP	pmx	09 54 24.3 +0.1
ZAK	Zakamensk	49.24	303	P	pmx	
W18A	Petrified Fore	49.31	81	P	P	09 54 25.6 +0.6
W18A	Petrified Fore	49.31	81	Iamb	Iamb	09 54 27.1
214A	Organ Pipe Nat	49.36	87	P	P	09 54 25.7 +0.4
214A	Organ Pipe Nat	49.36	87	Iamb	Iamb	09 54 27.1
S22A	4UR Ranch, Cre	49.52	77	P	P	09 54 27.7 +1.0
MOY	Mondy	49.75	306	eP	pmx	09 54 28.2 +0.1
MOY	Mondy	49.75	306	pmx	pmx	
Q24A	Divide	49.82	74	P	P	09 54 28.2 -0.9
HHC	Hu-ho-hao-te	49.88	289	eP	sS	09 54 30.0 +0.8
HHC	Hu-ho-hao-te	49.88	289	sS	pmx	10 01 51.5 +4.2
HHC	Hu-ho-hao-te	49.88	289	pmx	pmx	
HHC	Hu-ho-hao-te	49.88	289	LR	LR	
HHC	Hu-ho-hao-te	49.88	289	LR	LR	
SSE	Sheshan	49.90	272	P	S	09 54 29.0 -0.3
SSE	Sheshan	49.90	272	S	P	10 01 36.8 -1.2
SSE	Sheshan	49.90	272	pmx	pmx	
SSE	Sheshan	49.90	272	LR	LR	
SSE	Sheshan	49.90	272	Iamb	Iamb	09 54 32.7
SUSD	Miller	50.32	65	P	P	09 54 30.7 -1.7
SDCO	Great Sand Dun	50.35	76	P	P	09 54 33.5 +0.5
SDCO	Great Sand Dun	50.35	76	Iamb	Iamb	09 54 35.0
TUC	Tucson	50.43	85	P	P	09 54 34.1 +0.6
TUC	Tucson	50.43	85	P	pmx	09 54 33.8 +0.3
TUC	Tucson	50.43	85	pmx	pmx	
TUC	Tucson	50.43	85	P	Iamb	09 54 33.8 +0.3
TUC	Tucson	50.43	85	Iamb	Iamb	09 54 35.4
OGNE	Ogallala	50.54	70	P	P	09 54 34.1 -0.1
UPNV	Upernivik	50.57	20	iP	P	09 54 35.1 +1.3
UPNV	Upernivik	50.57	20	Iamb	Iamb	09 54 35.9
NJ2	Nanjing	50.77	275	eP	pmx	09 54 35.0 -0.9
NJ2	Nanjing	50.77	275	pmx	pmx	
BTO	Baotou	50.96	289	eP	P	09 54 37.3 -0.1
KBS	Kingsbay	51.17	358	eP	pmx	09 54 40.4 +2.1
KBS	Kingsbay	51.17	358	pmx	pmx	
KBS	Kingsbay	51.17	358	P	P	09 54 40.0 +1.8
KBS	Kingsbay	51.17	358	eP	P	09 54 40.1 +1.8
KBS	Kingsbay	51.17	358	Iamb	Iamb	09 54 39.8 +1.5
KBS	Kingsbay	51.17	358	P	P	09 54 40.9
TIY	Taiyuan	51.24	285	eP	P	09 54 40.5 +1.0
TIY	Taiyuan	51.24	285	P	P	09 54 41.5 -0.9
TIY	Taiyuan	51.24	285	P	pmx	10 01 57.3 +0.6
TIY	Taiyuan	51.24	285	sS	pmx	10 02 09.5 +3.3
TIY	Taiyuan	51.24	285	LR	LR	
TIY	Taiyuan	51.24	285	LR	LR	
TIY	Taiyuan	51.24	285	LR	LR	
KSCO	Kaye Shedlock	51.35	73	P	P	09 54 41.0 +0.7
KSCO	Kaye Shedlock	51.35	73	Iamb	Iamb	09 54 42.4
T25A	Trinidad	51.40	76	P	P	09 54 41.5 +0.6
ANMO	Albuquerque	51.50	79	P	P	09 54 41.7 +0.1
ANMO	Albuquerque	51.50	79	eP	pmx	09 54 41.0 -0.6
ANMO	Albuquerque	51.50	79	pmx	pmx	
ANMO	Albuquerque	51.50	79	P	P	09 54 41.8 +0.2

ANMO	Albuquerque	51.50	79	P	Iamb	09 54 43.4
K31A	O'Neill	51.51	67	Iamb	Iamb	09 55 56.2
Y22D	IRIS PASCALL I	51.76	80	P	P	09 54 43.2 -0.3
Y22D	IRIS PASCALL I	51.76	80	Iamb	Iamb	09 54 48.9
SPA0	Spitsbergen Ar	51.79	357	P	P	09 54 43.8 +0.8
SPA0	Spitsbergen Ar	51.79	357	eP	P	09 54 43.0 +0.1
SP1S	Spitsbergen Ar	51.79	357	P	P	09 54 43.1 +0.1
319A	Douglas	52.01	85	Iamb	Iamb	09 54

Table with columns for station call signs (e.g., LPSR, CCIG, NACGM), frequencies, and various status indicators (e.g., pmax, IAMB, P, S).

Table with columns for station call signs (e.g., ASSE, RSBSS, MCH1), frequencies, and various status indicators (e.g., P, IAMB, pmax, sP).

Table with columns for station call signs (e.g., KIV, KISLOVODSK, WALFERDANGE), frequencies, and various status indicators (e.g., P, IAMB, pmax, sP).

26d 10h

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 Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

1282

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 Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like C36M, YKA, TXAR, TORO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like H03S1, H03S3, H03N3, etc.

26d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SMKR Semkarok, 5.03 16 PN, Pn, 13 36 50.1 +2.7, MK31 comp=Z,2.0nm,1.5s pmax pmax

KRSC 26 13:35:31.9, 1.8, 51.74N; 159.15E, h40km, 21km, ML4.8
MOS 26 13:35:34.1, 1.4, 51.79N; 158.85E, h57km, mb4.2/9, Error ellipse: s-maj=9.1km s-min=3.5km az=86.1

IDC 26 13:35:39.4, 1.6, 51.96N; 158.75E, h82km, 12km, mb3.9/22, mb1.4/0.27, mb1mx3.6/52, Error ellipse: s-maj=16.6km s-min=9.9km az=135.0

ISC 26 13:35:34.0, 0.9, 51.77N; 159.00E; 0.04, h45km, 8km, n195, 1552/203, mb4.3/43, 4C-2D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KDTR Khodutka, Kamc, 0.58 274 PN, Pn, 13 35 46.5 0.0, KRSC 26 13:35:31.9, 1.8, 51.74N; 159.15E, h40km, 21km, ML4.8

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Table with columns: SMKR Semkarok, 5.03 16 PN, Pn, 13 36 50.1 +2.7, MK31 comp=Z,2.0nm,1.5s pmax pmax

1284

Table with columns: MK31 comp=Z,2.0nm,1.5s pmax pmax, MK31 comp=Z,2.0nm,1.5s pmax pmax, MK31 comp=Z,2.0nm,1.5s pmax pmax

NNC 26 13:58:06.7, 1.7, 36.65N; 70.64E, h0km, mb5.5, mpv5.4, Error ellipse: s-maj=16.4km s-min=8.9km az=161.0

IDC 26 13:58:07.0, 0.6, 36.27N; 71.01E, h106km, 9km, mb4.4/34, mb1.4/4.0, mb1mx2.6/73, mbtm4/4.740, MS3.8/2

MOS 26 13:58:10.6, 1.0, 36.54N; 71.09E, h134km, mb4.8/33, Error ellipse: s-maj=6.0km s-min=3.7km az=88.5

BUI 26 13:58:11.9, 0.0, 36.67N; 71.24E, h109km, mb4.8/19, mb4.6/27, NEIC 26 13:58:12.1, 2.6, 36.45N; 0.07, 70.99E; 0.06, h144km, 6km, mb4.7/37, Error ellipse: s-maj=9.9km s-min=7.0km az=172.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KBL Kabul, 2.42 221 PN, Pn, 13 58 52.8 +1.2, KBL Kabul, 2.42 221 P, Pn, 13 58 52.7 +1.2

26d 15h

Table of satellite data for 26d 15h, listing stations like MORC, GKP, KEV, VRAC, etc., with columns for station name, frequency, polarization, and other technical details.

2015 FEB

Table of satellite data for 2015 FEB, listing stations like SUMG, ICESG, TORO, etc., with columns for station name, frequency, polarization, and other technical details.

1286

Table of satellite data for 1286, listing stations like TVBK, IRAZ, AFRZ, etc., with columns for station name, frequency, polarization, and other technical details.

26d 16h

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOU 26 16:03:46.1, 21.235, 169.84E, h0km, MLV4.0, Southeast of Loyalty Islands.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMTN Minamitane, JTN Tanegashima 3, JYAK Yakushimahirau.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DLBC Dease Lake, SDCO Great Sand Dun, ANMO Albuqueque.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNTX Cornudas Mount, FFC Flin Flon, AMTX Amarillo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBO Bosley Butte, KEBM Edson Butte, KRMB Red Mountain.

2015 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like D05A Enumclaw, YERR Yerington, SAO San Andreas Ge.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DLBC Dease Lake, SDCO Great Sand Dun, ANMO Albuqueque.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like D05A Enumclaw, YERR Yerington, SAO San Andreas Ge.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DQRL Deir Qamar, DQRL Garoua, BH BHaines.

1288

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KZIT Kziot, PRNI Paran, JMA 26 16:46:19.3, 3.5, 35.84N.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHQJ Chosi, JHYU Hitachinakayam, JHO Hitachi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEIC 26 16:50:02.8, 1.6, 24.78N, NIED 26 16:50:03.4, 24.62N.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASIES 26 16:50:03.4, 24.68N, IDC 26 16:50:04.3, 0.7, 24.77N.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWB1 Santiago Chiao, TWB2 Suao, TWC Suao.

1289

YM01	YM01	0.80	303	↑eP	Pn	16 50 20.8	-1.0
YM01	baz=298			eS	Sn	16 50 34.0	-1.8
YM11	YM11	0.81	305	eP	Pn	16 50 21.9	0.0
YM11	baz=299			eS	Sn	16 50 35.0	-1.0
YM08	YM08	0.81	306	↑P	Pn	16 50 21.7	-0.2
YM08	baz=300			eS	Sn	16 50 34.6	-1.3
YM10	YM10	0.81	303	↑eP	Pn	16 50 21.9	0.0
YM10	baz=298			eS	Sn	16 50 35.1	-0.9
YM05	YM05	0.81	304	↑eP	Pn	16 50 21.8	-0.2
YM05	baz=299			eS	Sn	16 50 34.9	-1.2
YM04	YM04	0.83	303	↑eP	Pn	16 50 22.0	-0.1
YM04	baz=297			eS	Sn	16 50 35.0	-1.2
BACT	New Taipei Cit	0.84	290	eP	Pn	16 50 22.1	0.0
BACT	baz=291			eS	Sn	16 50 37.5	+1.1
NACB	Ninganchiao	0.84	231	↑iP	Pn	16 50 21.4	-0.8
NACB	baz=226			eS	Sn	16 50 34.7	-1.7
NACB	Ninganchiao	0.84	231		Pn	16 50 21.3	-0.8
NACB	baz=226			eS	Sn	16 50 34.8	-1.7
YM03	YM03	0.84	304	↑eP	Pn	16 50 22.1	-0.2
YM03	baz=297			eS	Sn	16 50 35.6	-0.9
YHNB	Yeheng	0.85	268	↑P	Pn	16 50 22.6	+0.2
YHNB	baz=276			eS	Sn	16 50 36.4	-0.3
YHNB	Yeheng	0.85	268		Pn	16 50 21.9	-0.5
YHNB	baz=276			eS	Sn	16 50 36.2	-0.5
TWY	Chenhua	0.86	311	↑iP	Pn	16 50 22.7	+0.3
TWY	baz=305			iS	Sn	16 50 36.8	+0.2
ANP	Anpu	0.86	304	↑P	Pn	16 50 22.2	-0.3
ANP	baz=297			eS	Sn	16 50 35.9	-1.1
NSK	Sanguang	0.87	268	↑iP	Pn	16 50 22.7	+0.2
NSK	baz=276			S	Sn	16 50 36.5	-0.4
NNSB	Datong	0.89	252	↑P	Pn	16 50 22.9	+0.1
NNSB	baz=248			eS	Sn	16 50 37.2	-0.3
NNSH	Datong	0.89	252	↑iP	Pn	16 50 23.0	+0.2
NNSH	baz=248			eS	Sn	16 50 37.1	-0.3
NNS	Nan Shan	0.89	253	↑iP	Pn	16 50 23.2	+0.2
NNS	baz=248			eS	Sn	16 50 37.0	-0.4
TWS1	Kuangyinshan	0.90	296	↑iP	Pn	16 50 22.9	+0.2
TWS1	baz=303			eS	Sn	16 50 37.0	-0.4
TWD	Chiawan	0.90	226	↑eP	Pn	16 50 22.1	-0.7
TWD	baz=226			eS	Sn	16 50 36.4	-1.1
ETLH	Xiulin Townshi	0.90	237	↑iP	Pn	16 50 22.6	-0.3
ETLH	baz=237			eS	Sn	16 50 37.1	-0.6
NTST	Danshui	0.90	300	↑P	Pn	16 50 23.1	+0.3
NTST	baz=301			eS	Sn	16 50 36.9	-0.6
PCYT	Pengchaiyu	0.94	347	↑iP	Pn	16 50 23.9	+0.6
PCYT	baz=340			S	Sn	16 50 39.1	+0.8
NTY	Taoyuan	0.96	288	P	Pn	16 50 23.7	+0.2
NTY	baz=289			eS	Sn	16 50 38.7	0.0
HWA	Hwalien	0.97	222	↑iP	Pn	16 50 23.4	-0.1
HWA	baz=221			eS	Sn	16 50 39.2	+0.5
NCU	National Centr	1.05	285	P	Pn	16 50 24.7	+0.3
NCU	baz=277			eS	Sn	16 50 41.1	+0.8
NCUH	Zhongli	1.05	284	↑P	Pn	16 50 24.8	+0.3
NCUH	baz=277			eS	Sn	16 50 40.8	+0.5
FUSS	Fushou	1.07	245	↑P	Pn	16 50 25.4	+0.5
FUSS	baz=240			eS	Sn	16 50 40.7	-0.4
WHF	Hehuan Shan	1.10	240	↑P	Pn	16 50 25.4	0.0
WHF	baz=235			S	Sn	16 50 41.4	-0.7
TWT	Tachien	1.13	247	↑iP	Pn	16 50 26.2	+0.8
TWT	baz=241			S	Sn	16 50 42.1	0.0
TDCB	Techi	1.14	247	↑P	Pn	16 50 26.2	+0.7
TDCB	baz=241			eS	Sn	16 50 42.1	-0.3
HSN1	Hsinchu	1.18	274	↑P	Pn	16 50 26.3	+0.5
HSN1	baz=274			eS	Sn	16 50 42.9	+0.1
LI0B	Emei	1.18	267	↑iP	Pn	16 50 26.2	+0.4
LI0B	baz=268			eS	Sn	16 50 42.8	-0.1
NSTT	Nanjuang	1.19	267	↑iP	Pn	16 50 26.2	+0.3
NSTT	baz=267			eS	Sn	16 50 42.9	-0.2
ESL	Shilin	1.20	222	↑iP	Pn	16 50 25.1	-0.9
ESL	baz=230			eS	Sn	16 50 41.0	-2.2
SBCB	Hsinchu	1.21	274	↑P	Pn	16 50 26.6	+0.5
SBCB	baz=275			eS	Sn	16 50 43.6	+0.2
CHGB	Renai	1.22	238	↑P	Pn	16 50 26.9	+0.4
CHGB	baz=233			eS	Sn	16 50 43.5	-0.6
HSN	Hsinchu	1.22	275	↑eP	Pn	16 50 26.4	+0.1
HSN	baz=277			eS	Sn	16 50 43.1	-0.6
EGFH	Guangfu	1.31	218	↑P	Pn	16 50 26.6	-0.8
EGFH	baz=227			eS	Sn	16 50 43.9	-1.6
WHP	Taichung City	1.31	251	↑eP	Pn	16 50 28.5	+1.0
WHP	baz=259			eS	Sn	16 50 46.4	+0.6
IRIF	Iriomote-Funau	1.35	106	P	Pn	16 50 27.4	-0.3
IRIF	baz=259			S	Sn	16 50 45.4	-0.9
NMLH	Miaoqi	1.39	263	↑P	Pn	16 50 29.0	+0.7
NMLH	baz=264			eS	Sn	16 50 47.4	+0.1
WPL	Puli Township	1.41	241	eP	Pn	16 50 29.5	+0.9
WPL	baz=237			eS	Sn	16 50 48.2	+0.4
DPDB	Guoxing	1.43	242	↑P	Pn	16 50 29.8	+0.9
DPDB	baz=237			eS	Sn	16 50 49.1	+0.9

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DPDB	baz=237			eS	Sn	16 50 49.1	+0.9
VWDT	VWDT	1.43	229	↑P	Pn	16 50 29.0	+0.3
VWDT	baz=223			eS	Sn	16 50 47.6	-0.4
NSY	Sanyi	1.44	259	↑iP	Pn	16 50 29.6	+0.7
NSY	baz=259			eS	Sn	16 50 48.9	+0.5
TWQ1	Liyutan	1.44	256	↑iP	Pn	16 50 29.5	+0.5
TWQ1	baz=256			eS	Sn	16 50 47.8	-0.6
HGSD	Ruisui	1.46	214	↑P	Pn	16 50 28.6	-0.5
HGSD	baz=208			eS	Sn	16 50 47.0	-1.6
EHY	Hungye	1.50	217	↑P	Pn	16 50 28.4	-1.3
EHY	baz=225			eS	Sn	16 50 47.0	-2.6
HATJ	Hateruma jima	1.51	115	P	Pn	16 50 30.0	+0.3
HATJ	baz=233			S	Sn	16 50 49.1	-0.7
SMLT	Sun Moon Lake	1.53	238	↑iP	Pn	16 50 30.8	+0.7
SMLT	baz=233			eS	Sn	16 50 52.0	+1.7
SSLB	Suanguang	1.54	234	↑P	Pn	16 50 30.4	+0.2
SSLB	baz=231			eS	Sn	16 50 50.5	0.0
SSLB	Suanguang	1.54	234		Pn	16 50 30.3	+0.2
SSLB	baz=231			eS	Sn	16 50 49.8	-0.8
TYC	Yuchr	1.55	239	↑iP	Pn	16 50 31.1	+0.9
TYC	baz=239			eS	Sn	16 50 52.0	+1.3
WDJ	Dajia District	1.56	257	↑P	Pn	16 50 31.1	+0.7
WDJ	baz=257			eS	Sn	16 50 51.1	+0.1
TCU	Taichung	1.59	250	eP	Pn	16 50 31.4	+0.6
TCU	baz=250			eS	Sn	16 50 51.7	+0.1
YULB	Yu-li	1.60	215	eP	Pn	16 50 29.7	-1.3
YULB	baz=223			eS	Sn	16 50 49.4	-2.5
YULB	Wufeng	1.60	215		Pn	16 50 29.6	-1.3
YULB	baz=255			eS	Sn	16 50 52.6	+0.5
JKRS	Kuro-shima	1.62	106	P	Pn	16 50 31.3	+0.2
JKRS	baz=222			S	Sn	16 50 52.1	-0.1
TWF1	Yuli	1.64	215	↑P	Pn	16 50 30.2	-1.1
TWF1	baz=222			eS	Sn	16 50 50.1	-2.6
WHYT	Xinyi Township	1.67	233	eP	Pn	16 50 32.8	+1.0
WHYT	baz=233			eS	Sn	16 50 55.1	+1.7
WNT1	Nantou City	1.69	242	eP	Pn	16 50 32.8	+0.9
WNT1	baz=242			eS	Sn	16 50 54.2	+0.5
WJS	Zhushan	1.69	239	eP	Pn	16 50 32.8	+1.0
WJS	baz=248			eS	Sn	16 50 55.2	+1.3
WNT	Mingjian	1.70	241	↑eP	Pn	16 50 32.9	+0.8
WNT	baz=241			eS	Sn	16 50 54.5	+0.5
JUJ	Ishigaki jima	1.70	101	P	Pn	16 50 31.9	-0.3
JUJ	baz=249			S	Sn	16 50 52.9	-1.2
WCHH	Zhanghua	1.71	249	eP	Pn	16 50 32.7	+0.4
WCHH	baz=249			eS	Sn	16 50 53.8	-0.6
YUS	Yu-Shan	1.73	226	↑P	Pn	16 50 33.3	+0.2
YUS	baz=219			eS	Sn	16 50 55.0	-0.6
FULB	Fuli	1.77	212	↑eP	Pn	16 50 32.5	-0.5
FULB	baz=221			eS	Sn	16 50 54.5	-1.1
ALS	Ali Shan	1.82	229	↑P	Pn	16 50 34.8	+0.9
ALS	baz=223			eS	Sn	16 50 58.2	+1.1
CHKT	Chengkung	1.82	209	eP	Pn	16 50 32.6	-1.0
CHKT	baz=201			eS	Sn	16 50 53.9	-2.8
JISG	Ishigakijimahi	1.82	93	P	Pn	16 50 33.7	0.0
JISG	baz=244			S	Sn	16 50 56.3	+0.5
CHNS	Tsauling	1.85	234	↑P	Pn	16 50 35.0	+0.8
CHNS	baz=244			eS	Sn	16 50 59.2	+1.5
WGK	Gukeng	1.89	238	eP	Pn	16 50 35.5	+0.9
WGK	baz=248			eS	Sn	16 50 59.9	+1.6
WDLH	Douliu	1.91	238	↑eP	Pn	16 50 35.6	+0.8
WDLH	baz=238			eS	Sn	16 50 59.5	+0.7
ELDTW	Lidau	1.92	218	↑P	Pn	16 50 34.2	-0.8
ELDTW	baz=211			eS	Sn	16 50 57.5	-1.7
RLNB	Erlin	1.96	246	↑eP	Pn	16 50 35.7	+0.4
EDH	Donghe	1.96	208	↑eP	Pn	16 50 34.7	-0.7
EDH	baz=203			eS	Sn	16 50 57.3	-2.6
WTK	Tuku	2.03	240	eP	Pn	16 50 36.8	+0.5

Ms1 3.2/1, ms1mx2.6/44, Error ellipse: s-maj=90.1km s-min=20.4km az=62.0, Sichuan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SONM	Songino Array	19.77	3	P	17 48 06.6	+0.3
MKAR	Makanchi Array	25.68	323	P	17 49 06.2	0.0
MKAR	comp=Z,54nm,19.9s,baz=334,slow=36			LR	17 58 45.9	
ZALV	Zalesovo Beam	29.70	336	P	17 49 41.9	-0.2
WRA	Warramunga Arr	55.66	14	P	17 53 12.3	-0.4
ASAR	Alice Springs	58.62	148	P	17 53 33.9	+0.2

IDC 26 17:45:27.0±3.6, 41°66'N, 126°93'W, h0km, mb3.0/3, mb1 3.4/4, mb1mx3.4/2, mbtmp3.0/4, ML2.7/1, MS2.9/5, Ms1 2.9/5, ms1mx2.8/7, Error ellipse: s-maj=69.1km s-min=23.2km az=35.0

NEIC 26 17:45:28.0±0.5, 41°70'N, 0°09'126°8'W, 0.2, h11km, 5km, ML2.5/18, Error ellipse: s-maj=21.2km s-min=1.8km az=72.0

ANF 26 17:45:31.2±1.0, 41°94'N, 126°58'W, h5km, ML2.6/1, Error ellipse: s-maj=12.3km s-min=5.4km az=123.0

ISC 26 17:45:29.3±1.8, 41°78'N, 0°09'126°7'W, 0.1, h10km, n27, c084/22, mb2.9/3, Off coast of northern California

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KBO	Bosley Butte	1.91	76	Pn	17 46 02.1	0.0
KBO	comp=E,48nm,2.2s			IAML	17 47 02.2	
KBO	comp=N,37nm,2.5s			IAML	17 46 04.2	-0.2
KEBM	Edson Butte	2.08	58	Pn	17 46 34.0	
KEBM	comp=N,31nm,1.7s			IAML	17 47 28.8	
KEBM	comp=E,35nm,3.1s			IAML	17 46 05.4	+0.4
KRMB	Red Mountain	2.13	96	Pn	17 46 25.6	
KRMB	comp=N,20nm,2.6s			IAML	17 47 08.8	
JCC	Jacoby Creek	2.25	114	Pn	17 46 06.5	0.0
JCC	comp=N,30nm,1.8s			IAML	17 47 47.0	
JCC	comp=E,38nm,3.3s			IAML	17 47 14.7	
L02E	Cave Junction	2.36	80	P	17 46 08.4	+0.3
K02D	Willamette Mer	2.45	67	Pn	17 46 09.6	+0.2
K02D	comp=N,33nm,2.1s			S	17 46 38.4	-1.1
J01E	Myrtle Point	2.49	55	Pn	17 46 09.5	-0.4
J01E	comp=N,31nm,1.7s			S	17 46 39.4	-0.8
HUMO	Hull Mountain	2.92	72	Pn	17 46 16.7	+0.8
M02C	Callahan	2.93	96	Pn	17 46 17.1	+1.1
YBH	Yreka Blue Hour	3.00	90	Pn	17 46 18.8	+1.7
YBH	comp=E,0.8nm,0.3s,baz=259,slow=13,SNR=9.7			LR	17 47 23.1	
YBH	comp=E,1.42nm,19.6s,baz=322,slow=37			LR	17 46 17.4	+0.3
I03D	Drain	3.14	51	P	17 46 18.9	0.0
I02D	Swissmore	3.14	41	P	17 46 18.7	-0.2
L04D	Klamath Falls	3.32	81	P	17 46 22.8	+1.3
WDC	Whiskeytown Da	3.38	109	Pn	17 46 21.6	-0.5
WDC	comp=E,7.7nm,4.1s			IAML	17 47 28.0	
H04E	Detroit Lake	4.41	47	Pn	17 46 37.6	+1.3
PINE	Pine Mountain	4.71	63	Pn	17 46 42.2	+1.6
NVAR	Mina Array Bea	7.27	115	LR	17 49 21.9	
ELK	Elko	8.71	93	LR	17 50 17.1	
PFO	Pinyon Flats O	11.51	132	LR	17 52 19.8	
ANMO	Albuquerque	12.97	107	LR	17 56 53.2	
YKA	Yellowknife Ar	21.96	15	P	17 50 23.2	+0.3
TXAR	Lajitas Array	22.42	116	P	17 50 28.0	-0.3
ILAR	Eielson Array	25.76	340	P	17 50 59.8	-0.1
H1N3	WAKE ISLAND Hy	59.66	270	T	18 59 51.0	
H1N2	WAKE ISLAND Hy	59.66	270	T	18 59 52.9	
H1N1	WAKE ISLAND Hy	59.68	270	T	18 59 48.0	

IDC 26 17:52:57.2±1.5, 29°23'S, 61°14'E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.5/43, mbtmp3.7/7, MS3.6/3, Ms1 3.6/3, ms1mx3.0/41, Error ellipse: s-maj=54.4km s-min=26.8km az=32.0

ISC 26 17:52:59.1±1.5, 29°25'S, 0°46'12E, 0.2, h10km, n16, c062/10, mb3.8/8, MS3.5/3, Southwest Indian Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BOSA	Boshof	31.36	262	LR	18 09 37.9	
MAW	Mawson	38.42	179	LR	18 14 09.7	
ATD	Arta Tunu	44.21	334	LR	18 16 09.2	
H01W2	Cape Leeuwin H	44.82	111	T	18 49 39.2	
H01W3	Cape Leeuwin H	44.83	111	T	18 49 33.8	
H01W1	Cape Leeuwin H	44.84	111	T	18 49 36.0	
CMAR	Chiang Mai Arr	59.81	42	P	18 03 05.4	+0.6
ASAR	Alice Springs	64.43	104	P	18 03 35.5	-0.5
WRA	Warramunga Arr	66.25	100	P	18 03 48.0	+0.2
TORD	Torodi Ar. Bea	71.17	298	P	18 04 18.4	0.0
BRTR	Breskian Array B	73.23	338	P	18 04 30.6	+0.2
MKAR	Makanchi Array	73.04	15	P	18 04 56.9	-0.7
KURBB	Kurchatov Arra	80.97	11	P	18 05 13.0	-0.4
ZALV	Zalesovo Beam	85.39	14	P	18 05 35.0	-0.9
ILAR	Eielson Array	140.31	18	PKPdf	18 12 28.2	+0.7
YKA	Yellowknife Ar	146.61	356	PKPdf	18 12 38.8	+0.2

HEL 26 18:01:57.9±0.1, 67°06'N, 20°93'E, h0km, ML1.8(U,PP), Explosion

UPP 26 18:01:57.2±0.1, 67°06'N, 20°91'E, h0km, ML1.8, Explosion

IDC 26 18:01:59.3±1.2, 67°12'N, 21°38'E, h0km, mb1 2.9/3, mb1mx2.7/44, mbtmp2.8/3, ML1.8/3, Error ellipse: s-maj=21.6km s-min=8.5km az=106.0

NAO 26 18:01:59.6±0.8, 67°08'N, 21°02'E, ML2.5

BER 26 18:02:01.4±0.7, 67°05'N, 20°93'E, h0km, ML1.7, Suspected explosion

ISC 26 18:01:57.4±0.8, 67°09'N, 0°03'21.05E, 0.03, h0km, n40, c125/50, Sweden

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MASU	Masugnsbyn	0.52	45	P	18 02 08.2	-1.2
MASU	Masugnsbyn	0.52	45	P	18 02 08.2	-1.2

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PAJU	Pajala	0.81	94	P	18 02 13.1	+0.2
PAJU	comp=Z,10nm,0.2s			Sb	18 02 25.6	-0.3
PAJU	comp=Z,10nm,0.2s			Sb	18 02 13.1	+0.2
KUA	Kurraavaara	0.91	343	P	18 02 25.6	-0.3
KUA	comp=Z,10nm,0.2s			Sb	18 02 14.4	-0.4
RATU	Laukkuluspa	0.92	323	P	18 02 14.3	-0.8
RATU	comp=Z,10nm,0.2s			Sb	18 02 28.5	-0.7
RATU	comp=Z,10nm,0.2s			Sb	18 02 14.3	-0.8
RATU	comp=Z,10nm,0.2s			Sb	18 02 28.5	-0.7
HARU	Harads	0.93	182	P	18 02 14.1	-1.2
HARU	comp=Z,10nm,0.2s			Sb	18 02 17.2	-0.8
LANU	Lannavaara	1.03	20	P	18 02 17.2	-0.8
LANU	comp=Z,10nm,0.2s			Sb	18 02 17.2	-0.8
LANU	comp=Z,10nm,0.2s			Sb	18 02 17.8	-0.4
NIKU	Nikkaluokta	1.10	316	P	18 02 17.4	-1.0
NIKU	comp=Z,10nm,0.2s			Sb	18 02 17.4	-1.0
KOVU	Kalvi	1.19	34	P	18 02 19.7	-0.4
KOVU	comp=Z,10nm,0.2s			Sb	18 02 19.7	-0.4
KOVU	comp=Z,10nm,0.2s			Sb	18 02 26.3	+0.1
TOF	Tornio	1.66	126	P	18 02 28.0	+0.3
KIF	Kilpisjärvi	1.92	357	Pn	18 02 33.6	-0.6
KIF	comp=Z,10nm,0.2s			Sb	18 03 01.4	+2.3
KIF	comp=Z,10nm,0.2s			Sb	18 03 01.4	+2.3
RNF	Rovaniemi	2.02	102	e	18 02 45.5	+0.9
KTK1	Kautokeino	2.10	22	Pn	18 02 35.6	-0.7
KTK1	comp=Z,10nm,0.2s			Sb	18 03 01.5	-0.6
KTK1	comp=Z,10nm,0.2s			Sb	18 03 03.0	-1.6
KTK1	comp=Z,10nm,0.2s			Sb	18 03 22.1	

MAN 26 18:22:17.4±6.6, 62°N, 127°18'E, h32km, mb4.5, ML3.4, MS3.2, IDC 26 18:23:19.6±1.9, 6°58'N, 127°01'E, h88km, 18km, mb3.4/11, mb1 3.5/12, mb1mx3.4/39, mbtmp3.7/12, MS3.3/2, Ms1 3.3/2, ms1mx2.8/7, Error ellipse: s-maj=28.4km s-min=12.0km az=62.0

ISC 26 18:23:17.0±0.6, 64°6'N, 0°07'127°09E, 0.08, h74km, n18, c187/25, mb3.7/11, 1D, Philippine Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DDMP	Don Marcelino	1.41	256	eP	18 23 56.7	-2.9
DDMP	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			Sn	18 23 56.7	-2.9
DAV	Davao City (W)	1.62	292	Pn	18 23 46.6	+0.4
DAV	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			Sn	18 24 05.0	+0.6
DAV	174nm,0.3s,baz=282,slow=23,SNR=7.6			LR	18 24 11.6	
BUKP	Musuan	2.46	305	eP	18 23 55.5	0.0
BUKP	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			Sn	18 23 55.1	+0.5
CGP	Cagayan de Oro	3.10	310	eP	18 24 05.5	+1.4
CGP	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			Sn	18 24 05.5	+1.4
PAGZ	Pagadian	3.93	291	eP	18 24 15.7	+0.2
MSLP	Maasin	4.47	329	eP	18 24 19.8	-0.3
MSLP	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			Sn	18 25 08.1	+0.5
SIJ	Sorong	8.39	150	P	18 25 18.6	+2.2
SIJ	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			Sn	18 26 44.1	-5.4
FITZ	Fitzroy Crossi	24.44	163	P	18 28 51.6	+2.1
FITZ	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			Sn	18 28 37.4	+3.1
WRA	Warramunga Arr	27.19	165	P	18 28 37.4	+3.1
WRA	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			LR	18 41 47.5	
CMAR	Chiang Mai Arr	29.90	296	P	18 29 18.0	-0.6
ASAR	Alice Springs	30.67	168	P	18 29 27.6	+2.4
USRK	Ussurisk Arr	37.84	6	P	18 30 26.4	-0.5
STKA	Stephens Creek	40.55	161	P	18 30 51.0	+1.3
SONM	Songino Array	44.86	340	P	18 31 24.6	+0.1
SONM	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			LR	18 49 37.3	
PETK	Petrovlovsk	52.79	5	P	18 32 26.1	+1.0
MKAR	Makanchi Array	55.55	324	P	18 32 44.8	-0.5
MKAR	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			PcP	18 33 43.8	-0.6
ZALV	Zalesovo Beam	58.35	332	P	18 33 03.6	-1.2
ARCES	ARCES Array B	88.03	340	P	18 35 57.9	-1.5

IDC 26 18:48:24.0±0.6, 0°48'S, 135°75'E, h0km, mb4.2/10, mb1 4.5/15, mb1mx4.2/49, mbtmp4.3/15, ML4.5/4, MS3.9/13, Ms1 3.9/13, ms1mx3.6/45, Error ellipse: s-maj=22.8km s-min=13.4km az=77.0

DJA 26 18:48:30.7±0.6, 1°S, 4°13'6E, h32km, 7km, M4.7/19, mb5.1/10, mb4.8/19, MLV5.1/8, Mw(mb)4.5/10

NEIC 26 18:48:36.1±1.9, 0°09'S, 0°07'135°3E, 0.1, h74km, 5km, mb4.6/27, Error ellipse: s-maj=16.8km s-min=10.3km az=11.0

ISC 26 18:48:29.7±0.5, 0°64'S, 0°05'135°73E, 0.05, h26km, n91, c197/83, mb4.6/25, MS4.0/8, Irian Jaya region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BAKI	Biak	0.67	145	P	18 48 42.6	-0.1
SRPI	Serui, Papua	1.33	157	P	18 48 52.6	+0.1
SRPI	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			Sb	18 49 12.0	+1.5
SMPI	Sarmi	3.27	114	P	18 49 17.5	-1.4
SMPI	comp=Z,0.1nm,0.3s,baz=348,slow=14,SNR=15			Sb	18 49 56.7	-0.7
KMPI	Kaimana, Papua	3.62	214	S</		

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GYA, QIZ, GTA, KMI, SLVN, CHAI, UTTA, CHTO, CM09, CM31, CMAR, CMAR, CM04, CM02, CM15, CM05, WMQ, WMQ, WMQ, WMQ, CM13, SRAK, ANM, ANM, MHMT, LSA, ZAAO, ZAAO, ZALV, ZALV, ZALV, UMPA, SBUM, SHL, SHL, NR1K, NR1K, PHET, MK31, MK31, MKAR, MKAR, MKAR, TAPN, BBKI, KURK, KURB, KDAK, KDAK, RAMN, GUN, PKI, PKIN, KKN, SOEI, GKN, IPM, MDM, MDM, COEN, COEN, HDA, HDA, IL31, ILAR, KSH, KSH, KSH, KSH, AAK, AAK, BRVK, BRVK, GSI, GSI, EPYK.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EPYK, KK31, KK31, KKAR, KKAR, KKAR, INK, INK, FITZ, FITZ, WRAB, WRAB, WRO, WRO, WRA, WRA, SANVU, SANVU, ARU, ARU, ABKAR, ABKAR, AS31, AS31, ASAR, ASAR, ASAR, ASAR, YKA, YKA, ARCES, ARCES, AF1, AF1, DAG, DAG, DAG, B08A, B08A, FIA1, FIA1, FINES, FINES, PINE, PINE, K05A, K05A, SUMG, SUMG, SUMG, SUMG, WALA, WALA, KBZ, KBZ, KIV, KIV, BEKR, BEKR, FFC, FFC, HRY, HRY, LRM, LRM, EGMT, EGMT, FOC, FOC, NVAR, NVAR, ICSG, ICSG, NC204, NC204, NB2, NB2, NOA, NOA, AKASG, AKASG, AKBB, AKBB, N000, N000, H17A, H17A, BVU, BVU, PD31, PD31, PDAR, PDAR, BORG, BORG, R8DU, R8DU, BUR08, BUR08, SRU, SRU, BURAR, BURAR, BRTR, BRTR, KOLS, KOLS, PV20, PV20, PV17, PV17, PV16, PV16, PV03, PV03, PV03, PV13, MORC, MORC, RAYN, RAYN, GERES, GERES, GERES, GERES, ANMO, ANMO, TXAR, TXAR, KEST, KEST, ESDC, ESDC, H03N2, H03N2, H03N3, H03N3, H03N1, H03N1, LPAZ, LPAZ.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MOD, MOD, MOD, MOD, LKVV, LKVV, WVOR, WVOR, WVOR, WVOR, K05A, K05A, K05A, K05A, LASM, LASM, J08A, J08A, J08A, J08A, H08A, H08A, HOG, HOG, LTIM, LTIM, M04C, M04C, M04C, M04C, K04D, K04D, K04D, K04D, J05D, J05D, J05D, J05D, W05A, W05A, W05A, W05A, L04D, L04D, L04D, L04D, L04D, L04D, L04D, L04D, I07A, I07A, I07A, I07A, PAHR, PAHR, J04D, J04D, LOY, LOY, PEAR, PEAR, O03E, O03E, YBH, YBH, YBH, YBH, KBF, KBF, M02C, M02C, N02D, N02D, IND, IND, HUMO, HUMO, WDC, WDC, VCNR, VCNR, ORV, ORV, PNTR, PNTR, PNTR, PNTR, RUBR, RUBR, RUBR, RUBR, YERR, YERR, O02D, O02D, L02E, L02E, KVN, KVN, KVN, KVN, MFID, MFID, MFID, MFID, K02D, K02D, AFDM, AFDM, KRMB, KRMB, KHMM, KHMM, KHMM, KHMM, BMO, BMO, BMO, BMO, H04A, H04A, G08A, G08A, RYN, RYN, RYN, RYN.

ANF 26 19:17:47.2.0.6.41:73N:119:56W, h0km, ML3.6/13, Error ellipse: s-maj=5.5km s-min=3.4km az=85.0 NEIC 26 19:17:48.7.2.2.41:90N:0:03:119:54W:0:03, h7km, 5km

26d 21h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WAKR Walker, ELK Elko, ELK Elko, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PRU 26 19:27:28.8-0.0, 50°25'N-19°01'E, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like DMPP Don Marcelino, MATI Mati, DAV Davao City (W), etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, AS31 Alice Springs, etc.

ICD 26 19:38:58.2, 3.2, 25.335x176.48W, h0km, mb4.0/5, mb1 3.2/4, mb1mx3.9/39, mbtmp4.1/6, ML5.9/1, MS3.2/4, Ms1 3.2/4, ms1mx2.9/33, Error ellipse: s-maj=68.5km s-min=46.3km aze=120.0

NEIC 26 19:38:59.1, 3.2, 25.249x0.04, 175.9W-0.1, h30km, 6km, mb4.0/12, Error ellipse: s-maj=17.9km s-min=3.0km aze=106.0

ISC 26 19:39:03.1-1.6, 25°35'-01"-176°4W-0.2, h35km, n28, c1090/25, mb4.3/8, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, MSVF Nonsavu, DZM Mont Dzumac, etc.

ICD 26 20:21:32.8, 1.8, 7.14S, 129.77E, h82km, 21km, mb3.6/2, mb1 3.5/7, mb1mx3.6/34, mbtmp3.7/7, Error ellipse: s-maj=23.9km s-min=13.0km aze=105.0

ISC 26 20:21:32.0-0.9, 7.25S, 0.06-129.88E, 0.10, h100km, n7, c270/12, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SUI Sorong, BATI Baumata, FITZ Fitzroy Crossi, etc.

ICD 26 21:27:01.9, 2.1, 6.27S, 147.10E, h0km, mb3.6/5, mb1 3.7/7, mb1mx3.6/34, mbtmp3.6/7, ML3.6/1, Error ellipse: s-maj=63.8km s-min=20.8km aze=94.0

ISC 26 21:27:08.8-1.5, 6.33S, 0.10-147.0E, 0.3, h49km, n8, c1669/9, mb3.5/5, Eastern New Guinea region

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

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like RSSD Black Hills, K22A Casper, K22A Casper, etc.

ICD 26 21:36:09.0-1.1, 6.03S, 123.60E, h0km, mb3.6/4, mb1 3.8/8, mb1mx3.7/32, mbtmp3.7/8, ML3.4/4, MS2.8/4, Ms1 2.8/4, ms1mx2.6/32, Error ellipse: s-maj=49.4km s-min=19.0km aze=65.0

DJA 26 21:36:13.9, 1.3, 6.3S, 123.3E, h30km, 19km, M4.2/14, GC, mb4.6/6, mb4.9/2, ML4.0/14, M4.1/14, M4.2/14

NEIC 26 21:36:14.2, 1.2, 6.19S, 0.06-123.46E, 0.03, h34km, 9km, mb4.0/11, Error ellipse: s-maj=8.8km s-min=4.7km aze=166.0

ISC 26 21:36:14.1-0.6, 6.17S, 0.06-123.50E, 0.06, h35km, n44, c1949/47, mb4.1/6, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KDI Kendari, MMIRI Manere, BSSI Bau Bau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NLAJ Namlea, SANI Sanana, TJSI Tana Toraja, etc.

NEIC 26 21:41:01.9, 1.8, 16.23N, 0.1, 99.6W, 0.1, h1km, 7km, Error ellipse: s-maj=21.4km s-min=7.3km az=218.0

MEX 26 21:41:03.8, 1.0, 16.23N, 99.66W, h15km, MD4.3, IDC 26 21:41:01.8, 4.7, 17.66N, 98.77W, h0km, mb3.9, mb1 4.3, mb1mx3.8/32, mbmp3.9/5, ML2.71, MS3.3/3, Ms1 3.3/3, ms1mx2.9/43, Error ellipse: s-maj=112.9km s-min=33.0km az=27.0

ISC 26 21:41:01.5, 1.6, 16.27N, 0.05, 99.63W, 0.04, h10km, 10km, n165, o199/195, mb4.3/39, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACP2 Acapulco, ACP2 Acapulco, CAIG El Cayaco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TX32 Lajitas Array, TX31 Lajitas Ar. Si, JPS Las Esperanzas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EGMT Eagleton, CDVI St. Croix, WJMT Westport, CT, etc.

NEIC 26 21:47:37.3, 1.2, 10.05N, 0.07, 126.59E, 0.03, h35km, 2km, mb4.5/28, Error ellipse: s-maj=11.7km s-min=3.3km az=162.0

MAN 26 21:47:38.6, 9.87N, 126.36E, h7km, mb5.1, ML4.1, MS4.1, IDC 26 21:47:42.4, 4.3, 9.99N, 126.63E, h85km, 39km, mb3.8/15, mb1 3.8/16, mb1mx3.6/47, mbmp4.1/16, MS3.8/2, Ms1 3.8/2, ms1mx3.3/39, Error ellipse: s-maj=43.0km s-min=12.5km az=66.0

ISC 26 21:47:33.5, 1.6, 10.02N, 0.04, 126.62E, 0.05, h10km, 9km, n172, o196/78, mb4.3/28, 2-C, 2-D, Philippine Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like General Luna, Butuan, Maasin, Ormoc, Cagayan de Oro, Musuan, Lapu-Lapu, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LJLU, RUE, CEY, GERES, USRK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GRNR, FETA, LHSI, KSM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like YSS, Yuzh-Sakhalins, JTM, etc.

26d 21h

PBAR	Barrancos	62.71 299	eP	P	P	22 09 27.6	+0.5
PESTR	Estremoz	62.83 300	P	P	P	22 09 28.1	+0.2
COI	Coimbra	62.87 302	P	P	P	22 09 27.5	-0.6
COI	Coimbra	62.87 302	P	P	P	22 09 27.5	-0.6
COI	Coimbra	62.87 302	eP	P	P	22 09 29.3	+1.2
PCAS	Casimio	62.99 302	eP	P	P	22 09 29.8	+0.8
PTMG	Montargil	63.20 300	eP	P	P	22 09 30.0	0.0
MMRI	Maumere	63.26 123	P	P	P	22 09 30.7	-2.2
EVO	Evora	63.27 300	eP	P	P	22 09 31.7	+0.9
SUMG	Summit	63.34 342	iP	P	P	22 09 32.2	+1.0
SUMG	Summit	63.34 342	P	P	P	22 09 32.4	+1.2
SUMG	Summit	63.34 342	P	P	P	22 09 32.4	+1.2
PSBE	So Bento	63.42 301	eP	P	P	22 09 33.0	+1.2
PVAQ	Vaqueiros	63.52 299	P	P	P	22 09 32.0	-0.5
PVAQ	Vaqueiros	63.52 299	eP	P	P	22 09 33.0	+0.5
MESJ	Messejana	63.70 299	eP	P	P	22 09 34.3	+0.7
MESJ	Messejana	63.70 299	eP	P	P	22 09 34.6	+0.9
PBDV	Garrance-Do-Ve	63.81 298	eP	P	P	22 09 35.9	+0.9
PNCL	Nicolau / Gran	63.81 300	eP	P	P	22 09 34.2	+0.8
PMAFR	Vila Bisbo	63.99 301	eP	P	P	22 09 36.4	+0.8
SWI	Sorong	64.67 110	P	P	P	22 09 40.9	+0.6
SIJI	Eureka	64.68 110	P	P	P	22 09 40.9	+0.5
EUNU	Eureka	64.92 356	P	P	P	22 09 42.1	+1.0
BATI	Baumata	65.36 123	P	P	P	22 09 44.3	-0.5
BATI	Baumata	65.36 123	P	P	P	22 09 44.7	+2.7
SOEI	Soe	65.46 123	P	P	P	22 09 45.1	-0.4
ICESG	Greenland Ices	65.55 339	iP	P	P	22 09 46.7	+1.1
LSZ	Lusaka	65.59 229	P	P	P	22 09 46.3	0.0
LSZ	Lusaka	65.59 229	P	P	P	22 09 46.3	0.0
KULLO	Kullorsuaq	66.23 347	iP	P	P	22 09 50.7	+1.2
KULLO	Kullorsuaq	66.23 347	iP	P	P	22 09 50.7	+1.2
KULLO	Kullorsuaq	66.23 347	iP	P	P	22 09 50.7	+1.2
TULEG	Thule	66.50 351	iP	P	P	22 09 50.7	-0.5
TULEG	Thule	66.50 351	iP	P	P	22 09 50.7	-0.5
ANGG	Ammassalik, Gr	66.81 335	P	P	P	22 09 53.8	+0.4
ANGG	Ammassalik, Gr	66.81 335	P	P	P	22 09 52.9	-0.4
ISOG	Isortoq, Green	67.31 335	iP	P	P	22 09 55.8	-0.7
UPNV	Upernavik	67.33 346	iP	P	P	22 09 57.3	+0.7
TORD	Torodi Ar. Bea	67.53 271	P	P	P	22 09 58.3	-0.5
TORD	Torodi Ar. Bea	67.53 271	P	P	P	22 09 58.4	-0.6
A21K	Barrow	68.57 15	P	P	P	22 10 04.7	+0.4
A21K	Barrow	68.57 15	P	P	P	22 10 05.6	+0.5
ILULI	Ilulissat	68.69 342	iP	P	P	22 10 05.6	+0.5
ILULI	Ilulissat	68.69 342	iP	P	P	22 10 05.6	+0.5
SAUI	Saumilaki	69.30 116	P	P	P	22 10 10.6	+0.9
SAUI	Saumilaki	69.30 116	P	P	P	22 10 11.9	+2.2
SFJD	Kangerlussuaq	70.08 340	iP	P	P	22 10 14.3	+0.6
SFJD	Kangerlussuaq	70.08 340	iP	P	P	22 10 13.7	0.0
SFJD	Kangerlussuaq	70.08 340	iP	P	P	22 10 13.7	0.0
SFJD	Kangerlussuaq	70.08 340	iP	P	P	22 10 14.3	+0.6
RES	Resolute Bay	70.60 357	P	P	P	22 10 17.8	+0.9
ANM	Nome	70.98 23	P	P	P	22 10 21.4	+2.1
ANM	Nome	70.98 23	P	P	P	22 10 20.6	+1.3
ANM	Nome	70.98 23	P	P	P	22 10 20.6	+1.3
ANM	Nome	70.98 23	P	P	P	22 10 20.6	+1.3
PSA00	Pilbara Seismi	71.36 134	P	P	P	22 10 21.1	-1.0
PSA00	Pilbara Seismi	71.36 134	P	P	P	22 10 21.7	-0.4
PSA00	Pilbara Seismi	71.36 134	P	P	P	22 10 21.7	-0.4
KOWA	Kowa	71.52 275	P	P	P	22 10 23.4	+0.1
TOLK	Toolik Lake Re	72.18 15	P	P	P	22 10 27.5	+1.0
TOLK	Toolik Lake Re	72.18 15	P	P	P	22 10 29.8	0.0
NRS	Narsarsuaq	72.30 333	iP	P	P	22 10 27.4	+0.2
NRS	Narsarsuaq	72.30 333	iP	P	P	22 10 27.4	+0.2
NRS	Narsarsuaq	72.30 333	iP	P	P	22 10 27.4	+0.2
NRS	Narsarsuaq	72.30 333	iP	P	P	22 10 27.4	+0.2
FITZ	Fitzroy Crossi	72.35 128	P	P	P	22 10 28.6	+0.4
FITZ	Fitzroy Crossi	72.35 128	P	P	P	22 10 29.9	0.0
AMKA	Amchitka	72.61 39	P	P	P	22 10 29.5	+0.2
GENI	Genyem	72.72 106	P	P	P	22 10 32.8	+2.3
COLD	Coldfoot	73.19 16	P	P	P	22 10 33.8	+1.3
COLD	Coldfoot	73.19 16	P	P	P	22 10 34.9	0.0
IMAR	Indian Mountai	74.84 18	P	P	P	22 10 33.7	+0.5
IMLY	Manley	74.84 18	P	P	P	22 10 43.3	+1.0
FYU	Fort Yukon	74.84 15	P	P	P	22 10 42.8	+0.7
FYU	Fort Yukon	74.84 15	P	P	P	22 10 52.5	0.0

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TTA	Tatalina	75.05 21	P	P	P	22 10 44.8	+1.3
TTA	Tatalina	75.05 21	P	P	P	22 10 44.1	+0.6
TTA	Tatalina	75.05 21	P	P	P	22 10 44.0	+0.6
I23K	Minto, Yukon-K	75.08 17	P	P	P	22 10 44.7	+1.2
I23K	Minto, Yukon-K	75.08 17	P	P	P	22 10 44.4	+0.9
MORW	Morawa	75.21 142	IAMB	IAMB	IAMB	22 10 45.7	0.0
TSUM	Tsumeb	75.29 234	P	P	P	22 10 46.3	+0.7
CHUM	Lake Minchumini	75.35 19	P	P	P	22 10 46.3	+1.2
INK	Inuvik	75.36 10	P	P	P	22 10 46.1	+1.1
ATKA	Atka Island	75.39 36	P	P	P	22 10 44.4	-1.1
C36M	Paulutuk	75.47 6	P	P	P	22 10 46.2	+0.5
MDM	Murphy Dome	75.51 17	IAMB	IAMB	IAMB	22 10 48.5	0.0
BPAW	Bear Paw Mtn.	75.53 18	P	P	P	22 10 46.9	+0.7
BPAW	Bear Paw Mtn.	75.53 18	IAMB	IAMB	IAMB	22 10 48.1	0.0
POKR	Poker Plat Res	75.57 17	P	P	P	22 10 47.7	+1.3
NEA2	Nenana	75.61 17	P	P	P	22 10 47.4	+0.8
PRP	Porcupine Dome	75.67 16	P	P	P	22 10 48.0	+0.9
TCOL	CIGO, UAF Yank	75.67 17	IAMB	IAMB	IAMB	22 10 47.4	+0.5
COLA	College	75.68 17	P	P	P	22 10 47.4	+0.5
COLA	College	75.68 17	P	P	P	22 10 48.4	+1.5
COLA	College	75.68 17	P	P	P	22 10 48.4	+1.5
COLA	College	75.68 17	P	P	P	22 10 49.2	0.0
CCB	Clear Creek Bu	75.88 17	P	P	P	22 10 48.0	-0.1
KTH	Kantishna Hill	75.99 19	IAMB	IAMB	IAMB	22 10 51.0	0.0
IL31	Ilisar	75.99 17	IAMB	IAMB	IAMB	22 10 50.3	0.0
ILAR	Eielson Array	75.99 17	P	P	P	22 10 49.2	+0.4
ILAR	Eielson Array	75.99 17	P	P	P	22 38 05.7	-6.8
ILAR	Eielson Array	75.99 17	P	P	P	22 48 41.5	0.0
ILAR	Eielson Array	75.99 17	P	P	P	22 10 48.7	-0.1
PPLA	Purkeypile	76.17 20	P	P	P	22 10 50.3	+0.3
PPLA	Purkeypile	76.17 20	P	P	P	22 10 50.5	+0.5
PPLA	Purkeypile	76.17 20	P	P	P	22 10 50.5	+0.5
TRF	Thorofare Moun	76.24 19	P	P	P	22 10 50.5	+0.1
HDA	Harding Lake	76.28 17	P	P	P	22 10 50.0	-0.4
HDA	Harding Lake	76.28 17	IAMB	IAMB	IAMB	22 10 51.5	0.0
MCK	McKinley	76.36 18	P	P	P	22 10 50.8	-0.1
DBIC	Dimboro	76.46 269	P	P	P	22 10 52.3	+0.1
DBIC	Dimboro	76.46 269	P	P	P	22 47 57.1	0.0
DBIC	Dimboro	76.46 269	P	P	P	22 10 52.3	+0.1
DBIC	Dimboro	76.46 269	P	P	P	22 10 52.3	+0.1
SWV2	Sparrevhorn	76.52 22	P	P	P	22 10 52.9	+0.6
TIC	Toomudi	76.61 269	eP	P	P	22 10 52.9	-0.2
RND	Reindeer	76.65 18	P	P	P	22 10 52.7	+0.1
RND	Reindeer	76.65 18	P	P	P	22 10 52.7	+0.1
RND	Reindeer	76.65 18	P	P	P	22 10 52.7	+0.1
RND	Reindeer	76.65 18	P	P	P	22 10 52.7	+0.1
LIC	Lamto	76.84 268	eP	P	P	22 10 54.3	-0.1
SKT	Skwentna	77.09 20	P	P	P	22 10 55.2	+0.2
SKT	Skwentna	77.09 20	IAMB	IAMB	IAMB	22 10 56.6	0.0
CUT	Chulitna	77.10 19	P	P	P	22 10 54.6	-0.4
EGAK	Eagle	77.24 14	P	P	P	22 10 55.9	+0.1
EGAK	Eagle	77.24 14	IAMB	IAMB	IAMB	22 10 58.1	0.0
SCRK	Sand Creek	77.33 16	P	P	P	22 10 56.6	+0.1
SPCR	Spurr Chakacha	77.53 21	P	P	P	22 10 57.8	+0.2
BOSA	Boshof	77.60 222	P	P	P	22 10 58.6	+0.2
BOSA	Boshof	77.60 222	P	P	P	22 10 58.6	+0.2
SUA	Susitna One	77.73 20	P	P	P	22 10 58.6	-0.2
SUA	Susitna One	77.73 20	IAMB	IAMB	IAMB	22 11 00.5	0.0
UNV	Unalaska Valle	77.84 32	P	P	P	22 10 58.7	-0.7
PAX	Paxson	77.85 17	IAMB	IAMB	IAMB	22 11 02.2	0.0
PAX	Paxson	77.85 17	IAMB	IAMB	IAMB	22 11 02.2	0.0
SML	Sawmill	78.11 19	P	P	P	22 11 01.1	+0.3
SML	Sawmill	78.11 19	P	P	P	22 11 01.2	+0.4
SML	Sawmill	78.11 19	IAMB	IAMB	IAMB	22 11 03.6	0.0
RC01	Rabbit Creek A	78.32 20	P	P	P	22 11 02.2	+0.3
SCM	Sheep Creek Mo	78.35 18	P	P	P	22 11 02.2	0.0
SCM	Sheep Creek Mo	78.35 18	P	P	P	22 11 02.2	0.0
SCM	Sheep Creek Mo	78.35 18	P	P	P	22 11 02.2	0.0
M24K	Tolsona, Glenn	78.41 18	P	P	P	22 11 03.6	+1.1
M24K	Tolsona, Glenn	78.41 18	P	P	P	22 11 02.5	+0.1
M24K	Tolsona, Glenn	78.41 18	P	P	P	22 11 06.3	0.0
O22K	Cooper Landing	78.82 20	P	P	P	22 11 05.1	+0.5
O22K	Cooper Landing	78.82 20	IAMB	IAMB	IAMB	22 11 22.9	0.0
NWAO	Narogin (SRO)	78.94 143	P	P	P	22 11 03.3	-2.3
NWAO	Narogin (SRO)	78.94					

26d 23h

NIED 2623:07:01.6, 28:04N, 131:25E, h92km, MW4.2, Moment Tensor Solution... s3 Moment tensor: Scale 10^15Nm; M=2.12; Mw=1.0; Ms=1.97; Ma=1.07; Mb=0.11; Mc=0.15; Fault plane solution: M2.27000x10^15 NP1: 0+155.00000, 852.00000, -1-117.00000... NP2: 0+16.00000, 646.00000, -1-59.00000

NEIC 2623:07:04.3, 2.9, 28:01N, 05:131:18E, 0.06, h38km, 6km, mb4.6/22 Error ellipse: s-maj=8.1km s-min=7.8km az=133.0

ISC 2623:07:02.3, 1.6, 28:06N, 0.03, 131:27E, 0.04, h23km, 11km, n100, 0178/127, mb4.4/29, Southeast of Ryukyu Islands

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

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Table with columns: Code, Station Name, Az, Phase ID, Op, Res, ISC, Time, Res, ISC. Lists seismic stations including Akbulak array, Arti, Sparrowhook, etc.

IDC 2623:09:01.0, 7.7, 11S, 154:86E, h0km, mb4.3/13, mb1.4/4.16, mb1mx4.2/47, mbtmp4.2/16, ML3.9/2, MS3.4/4, Ms1.3/3.4, ms1mx3.0/35, Error ellipse: s-maj=24.1km s-min=15.7km az=124.0

NEIC 2623:09:12.8, 2.0, 7.23S, 0.09, 155:00E, 0.08, h35km, 2km, mb4.6/20, Error ellipse: s-maj=15.1km s-min=12.2km az=203.0

ISC 2623:09:13.9, 0.5, 7.24S, 0.08, 154:96E, 0.07, h41km, n59, 01909/53, mb4.5/29, MS3.3/3, Bougainville-Holomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, Res, ISC, Time, Res, ISC. Lists seismic stations including Rabaul, Honiara, Port Moresby, etc.

1304

MDT Middelt 148.25 326 PKPbc PKIKP 23 28 58.3 +0.2 comp=2.3, 1nm, 0.8s, baz=38, slow=3.4, SNR=4.0

TORD Torodi Ar. Bea 153.05 285 PKPbc PKIKP 23 29 09.1 +0.7 comp=2.0, 8nm, 0.5s, baz=47, slow=2.0, SNR=4.7

IDC 2623:19:46.4, 1.9, 43:56N, 105:40W, h0km, mb1.3/2.4, mb1mx3.1/49, mbtmp3.0/4, ML3.0/4, Error ellipse: s-maj=44.1km s-min=8.0km az=151.0

NEIC 2623:19:48.7, 2.1, 43:66N, 0.03, 105:17W, 0.03, h0km, 2km, ML3.2/58, Error ellipse: s-maj=6.2km s-min=3.0km az=324.0

ISC 2623:19:48.6, 1.0, 43:68N, 0.05, 105:28W, 0.05, h0km, n64, 01926/64, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Op, Res, ISC, Time, Res, ISC. Lists seismic stations including Black Hills, Casper, Pilot Hill, etc.

IDC 2623:32:48.5, 4.36, 0.58, 01N, 145:63W, h0km, Error ellipse: s-maj=194.9km s-min=131.3km az=28.0, Gulf of Alaska

IS5U FAIRBANKS INFR 6.97 352 i 00 13 10.0

156US NEWPORT INFRAS9.54 108 i
 comp=1.71,slow=324,SNR=0.9
 comp=3.13,slow=323,SNR=3.3

118DK QAANAQAQ INFRAS9.04 24 i
 comp=2.74,slow=345,SNR=0.9

1DC 26:23:36:04.9.1.1, 19.18N:66.95W, h0km, mb3.8/5,
 mb1 4.0/7, mb1mx3.6/41, mbtrpp3.8/7, ML3.2, MS2.3/12,
 Ms1 3.1/2, ms1mx2.8/40, Error ellipse: s-maj=26.7km
 s-min=18.9km az=60.0

NEIC 26:23:36:08.2.1.7, 19.15N:0.05:66.92W:0.04, h25km, 12km,
 Error ellipse: s-maj=7.3km s-min=5.2km az=167.0

RSPR 26:23:36:09.1, 19.22N:66.91W, h43km, 7km, MD3.3/15
 ISC 26:23:36:08.2.0.7, 19.14N:0.05:66.93W:0.04, h19km, n93,
 r141/100, mb4.15, 10C-7D, Puerto Rico region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
AGPR	Aguadilla, PR	0.69	194	eP	23 36 21.7	-0.1
AGPR	Aguadilla, PR	0.69	194	eS	23 36 30.8	-0.2
AGPR	Aguadilla, PR	0.69	194	eS	23 36 21.8	0.0
AGPR	Aguadilla, PR	0.69	194	Sb	23 36 30.8	-0.2
AGPR	Aguadilla, PR	0.69	194	IAML	23 36 31.6	
AGPR	comp=N, 5jum, 0.4s				23 36 37.1	
EMPR	Esperanza - Ma	0.76	150	eP	23 36 23.8	+0.8
EMPR	Esperanza - Ma	0.76	150	eS	23 36 34.5	+0.9
EMPR	Esperanza - Ma	0.76	150	Sn	23 36 23.5	+0.4
EMPR	Esperanza - Ma	0.76	150	Sn	23 36 34.7	+1.1
EMPR	comp=E, 5jum, 0.9s				23 36 35.5	
EMPR	comp=N, 4jum, 0.6s				23 36 46.1	
AOPR	Arecibo Observ	0.81	168	eP	23 36 24.5	+0.8
AOPR	Arecibo Observ	0.81	168	eS	23 36 36.6	+1.3
AOPR	Arecibo Observ	0.81	168	Sb	23 36 35.0	+0.1
AOPR	Arecibo Observ	0.81	168	Sb	23 36 34.5	+0.1
MPR	Mayaguez	0.94	192	eP	23 36 25.7	+0.1
MPR	Mayaguez	0.94	192	eS	23 36 25.4	-0.2
LSP	Las Mesas	0.97	189	eP	23 36 26.2	+0.2
LSP	Las Mesas	0.97	189	eS	23 36 10.2	+1.4
LSP	Las Mesas	0.97	189	Sn	23 36 26.2	+0.2
LSP	Las Mesas	0.97	189	Sn	23 36 40.2	+1.4
CELP	Cerrillos	1.11	162	eP	23 36 28.4	+0.6
CELP	Cerrillos	1.11	162	eS	23 36 43.3	+1.3
CELP	Cerrillos	1.11	162	Sb	23 36 28.4	+0.6
CELP	Cerrillos	1.11	162	Sb	23 36 43.3	+1.3
OBIP	Obispado Ponce	1.14	164	eP	23 36 27.9	-0.3
OBIP	Obispado Ponce	1.14	164	eS	23 36 43.1	+0.3
OBIP	Obispado Ponce	1.14	164	Sn	23 36 27.9	-0.3
OBIP	Obispado Ponce	1.14	164	Sn	23 36 43.1	+0.3
OBIP	Obispado Ponce	1.14	164	IAML	23 36 46.1	
OBIP	comp=N, 3jum, 0.5s				23 36 47.2	
GCPR	Guaynabo City	1.15	136	eP	23 36 28.4	0.0
GCPR	Guaynabo City	1.15	136	eS	23 36 47.7	+0.5
GCPR	Guaynabo City	1.15	136	Sn	23 36 28.4	0.0
GCPR	Guaynabo City	1.15	136	Sn	23 36 47.7	+0.5
GBPR	Guanica, Bosqu	1.16	177	eP	23 36 29.3	+0.7
GBPR	Guanica, Bosqu	1.16	177	eS	23 36 45.0	+1.6
GBPR	Guanica, Bosqu	1.16	177	Sn	23 36 29.3	+0.7
GBPR	Guanica, Bosqu	1.16	177	Sn	23 36 45.0	+1.6
MLPR	Maguayes Islan	1.17	185	eP	23 36 28.9	+0.3
MLPR	Maguayes Islan	1.17	185	eS	23 36 44.9	+1.2
MLPR	Maguayes Islan	1.17	185	Sn	23 36 28.9	+0.3
MLPR	Maguayes Islan	1.17	185	Sn	23 36 44.9	+1.2
MLPR	Maguayes Islan	1.17	185	IAML	23 36 46.4	
MLPR	comp=E, 1jum, 0.5s				23 36 50.5	
SJG	San Juan	1.27	144	Pn	23 36 30.1	+0.1
SJG	comp=N, 58nm, 0.3s, baz=318, slow=11, SNR=9.3				23 36 44.9	-1.1
SJG	comp=N, 174nm, 0.3s, baz=58, slow=23, SNR=11				23 37 08.2	
SJG	comp=N, 258nm, 18.4s, baz=294, slow=19, LR				23 36 30.1	+0.1
SJG	San Juan	1.27	144	IAML	23 36 53.7	
SJG	comp=N, 2jum, 0.3s				23 36 54.0	
ICMP	Isla Caja de M	1.31	163	eP	23 36 31.8	+1.2
ICMP	Isla Caja de M	1.31	163	eS	23 36 49.6	+1.1
ICMP	Isla Caja de M	1.31	163	Sb	23 36 31.8	+1.2
ICMP	Isla Caja de M	1.31	163	Sb	23 36 49.6	+1.1
ICMP	Isla Caja de M	1.31	163	IAML	23 36 57.1	
ICMP	comp=N, 2jum, 0.8s				23 36 58.3	
CBYP	Canovanas	1.34	130	eP	23 36 30.9	-0.1
CBYP	Canovanas	1.34	130	eS	23 36 47.9	0.0
CBYP	Canovanas	1.34	130	Sn	23 36 30.9	-0.1
CBYP	Canovanas	1.34	130	Sn	23 36 46.3	-1.6
CBYP	Canovanas	1.34	130	IAML	23 36 58.2	
CBYP	comp=N, 3jum, 0.2s				23 36 58.5	
IGPR	InterUniversit	1.41	146	eP	23 36 32.5	+0.6
IGPR	InterUniversit	1.41	146	eS	23 36 50.0	+0.5
IGPR	InterUniversit	1.41	146	Pn	23 36 32.4	+1.3
IGPR	InterUniversit	1.41	146	Pn	23 36 51.1	+1.6
PDRP	Patillas Dam,	1.41	142	eP	23 36 32.6	+0.6
PDRP	Patillas Dam,	1.41	142	eS	23 36 32.6	+0.6
PDRP	Patillas Dam,	1.41	142	IAML	23 36 56.7	
HUMP	Col San Antonio	1.43	134	eP	23 36 32.6	+0.4
HUMP	Col San Antonio	1.43	134	eS	23 36 50.0	-0.1
HUMP	Col San Antonio	1.43	134	Sn	23 36 32.6	+0.4
HUMP	Col San Antonio	1.43	134	Sn	23 36 50.0	-0.1
HUMP	Col San Antonio	1.43	134	IAML	23 36 59.5	
MTP	Monte Pirata	1.67	128	eP	23 36 35.7	+0.2
MTP	Monte Pirata	1.67	128	eS	23 36 35.7	+0.2
CUPR	Culebra, Puert	1.77	118	eP	23 36 36.9	-0.1
CUPR	Culebra, Puert	1.77	118	eS	23 36 57.9	-0.6
CUPR	Culebra, Puert	1.77	118	Sn	23 36 36.9	-0.1
CUPR	Culebra, Puert	1.77	118	Sn	23 36 57.9	-0.6
CDVI	St. Croix	2.48	124	Pn	23 36 49.0	+2.4
SDDR	Pres de Saban	4.12	269	Pn	23 37 11.3	+2.0
SKI	Saint Kitts	4.37	114	Pn	23 37 13.4	+0.6
GRTK	Grand Turk	4.59	302	Pn	23 37 14.1	-1.6
GRTK	comp=E, 103nm, 1.9s				23 38 09.9	
GRTK	comp=E, 97nm, 2.7s				23 39 24.3	
PCRV	Puerto La Cruz	9.19	166	Pn	23 38 20.9	+2.0
PCRV	comp=E, 0.9nm, 0.3s, baz=343, slow=20, SNR=1.6				23 39 59.1	-2.3
PLCV	Puerto La Cruz	9.21	165	Pn	23 38 20.9	+1.7
PLCV	comp=E, 1.0nm, 0.3s, baz=233, slow=20, SNR=1.5				23 39 59.1	-2.8
SDV	Santo Domingo	10.81	200	Pn	23 38 42.8	+1.5
SDV	comp=E, 0.6nm, 0.3s, baz=304, slow=14, SNR=1.6				23 40 39.2	-2.3
SDV	comp=E, 0.8nm, 0.3s, baz=325, slow=18, SNR=2.4				23 43 58.9	
SMLC	San Martin de	12.39	215	eP	23 39 01.4	-1.4
OCAC	Ocana	12.48	211	eP	23 39 04.6	+0.4
PAMC	Pamplona, Colo	13.00	206	eP	23 39 10.0	-1.6
UREC	San Jos de Ur	14.07	218	eP	23 39 24.1	-1.6
UREC	La Rusia	14.47	219	eP	23 39 27.5	-2.5
PTBC	PUERTO BERRIO,	14.51	211	eP	23 39 31.3	-0.4
SPBC	San Pablo de B	15.11	208	eP	23 39 40.5	+0.7
NORC	Norcasia	15.55	211	eP	23 39 43.7	-2.0
CHIC	Chingaza	15.88	206	eP	23 39 45.1	-5.1
CBOC	Ciudad Bolivar	15.89	215	eP	23 39 49.2	-0.9
ROSC	El Rosal	15.94	208	Pn	23 39 54.8	+0.4
ROSC	comp=E, 1.7nm, 0.3s, baz=52, slow=23, SNR=2.0				23 39 57.1	-1.3
RRFP	El Recreo	16.39	212	eP	23 39 55.9	-0.7
TOLC	Tolima	16.62	211	eP	23 39 57.8	-1.2
ANIL	Santa Ana	16.79	211	eP	23 39 57.1	-3.8
PLMC	San Jos del P	16.83	214	eP	23 40 01.0	-1.0
ORTC	Ortega, Tolima	17.18	209	eP	23 40 06.0	-0.4
PRAC	Prado	17.19	208	eP	23 40 04.2	-2.3
POPC	Popayan, Colom	19.06	211	eP	23 40 23.4	-5.3
SOTA	Rioblanco	19.30	210	eP	23 40 36.5	-2.9
PTGA	Pitinga	20.90	160	P	23 40 48.6	+0.1

TKL Tuckaleech C 22.18 321 P P 23 41 16.1 +1.4
 comp=E, 4.4nm, 0.6s, baz=145, slow=1.3, SNR=8.6

ATAH Ahtahupa 28.45 204 LR LR 23 55 01.5
 comp=E, 4.4nm, 18.4s, baz=121, slow=8.9, SNR=2.7

TXAR Lajatas Array 34.87 294 P P 23 42 58.5 +1.2
 comp=E, 1.7nm, 0.7s, baz=111, slow=1.0, SNR=9.3

YKA Yellowknife Arr 54.25 335 P P 23 45 31.1 -0.1
 comp=E, 0.2nm, 0.6s, baz=121, slow=8.6, SNR=2.7

ESDC Sonseca Array 57.40 55 P P 23 45 55.6 +1.3
 comp=E, 2.1nm, 0.9s, baz=272, slow=7.2, SNR=9.2

TORD Torodi Arr Base 65.84 84 P P 23 46 52.4 +0.8
 comp=E, 0.6nm, 0.7s, baz=282, slow=6.9, SNR=2.4

1DC 26:23:37:17.1.2.6, 5.68S:129.17E, h314km, 4.1km, mb5.2/1,
 mb1 2.8/5, mb1mx2.7/39, mbtrpp3.5/5, Error ellipse:
 s-maj=17.5km s-min=17.3km az=84.0, Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
SIJI	Sorong	5.22	24	Op	23 38 39.5	+1.8
SIJI	Sorong	5.22	24	S	23 39 42.1	-0.7
FITZ	Fitzroy Crossi	12.81	195	P	23 40 07.0	-2.1
WRA	Warrungarra Arr	15.04	161	P	23 40 34.0	+0.1
ASAR	Alice Springs	18.45	166	P	23 41 11.2	+0.3
MKAN	Makanchi Array	66.68	327	P	23 47 34.6	-0.1

1DC 26:23:39:04.3.2.3, 7.05S:129.35E, h138km, 28km, mb3.1/1,
 mb1 3.3/6, mb1mx3.1/43, mbtrpp3.7/6, Error ellipse:
 s-maj=39.1km s-min=21.9km az=93.0

1DC 26:23:39:02.5.0.9, 7.18S:129.53E:0.10, h139km, n6,
 r34/11, Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
SIJI	Sorong	6.51	15	Op	23 40 36.8	-0.9
SIJI	Sorong	6.51	15	S	23 41 45.5	-3.5
BATI	Baumata	6.53	242	P	23 40 37.2	+0.9
BATI	Baumata	6.53	242	S	23 41 47.3	-2.4
FITZ	Fitzroy Crossi	11.49	199	P	23 41 44.9	+2.4
FITZ	Fitzroy Crossi	11.49	199	S	23 43 46.1	-3.3
WRA	Warrungarra Arr	13.51	160	P	23 42 11.1	+2.3
WRA	Warrungarra Arr	13.51	160	S	23 44 34.7	-3.5
ASAR	Alice Springs	18.45	166	P	23 42 56.2	+5.1
ASAR	Alice Springs	18.45	166	S	23 45 57.0	-3.0
MKAN	Makanchi Array	68.13	327	P	23 49 48.0	+0.5

BUI 26:23:44:51.1.0.0, 5.27S:153.22E, h11km, mb5.2/36,
 mb4.9/56, MS4.9/24, MS7.4/5/23

1DC 26:23:44:53.1.0.5, 5.37S:152.70E, h0km, mb4.8/31,
 mb1 4.8/33, mb1mx4.7/46, mbtrpp4.7/33, ML2.1/1, MS4.2/19,
 Ms1 4.2/19, ms1mx4.0/38, Error ellipse: s-maj=15.5km
 s-min=10.0km az=114.0

NEIC 26:23:45:53.9.1.5, 4.65S:0.05:152.88E:0.08, h11km, 4km,
 r15/1738, Error ellipse: s-maj=11.5km s-min=7.6km
 az=90

26d 23h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KMI, KLR, PPT2, LAMP, CM04, etc.

2015 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CHGN, SII, OHAH, WMQ, ANM, etc.

1306

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SHLS, M24K, M24K, UZB, IZ3K, etc.

Table with columns: QSPA, South Pole Qui, 84.55 180, P, P, 23 57 28.6 +1.2, 23 57 33.7, etc.

Table with columns: YKA, comp=Z,180nm,20.2s, 96.20 41, P, P, 23 58 21.1 -1.5, 23 58 24.9, etc.

Table with columns: GLVR, comp=N,3um,0.3s, 1.52 268, eP, Pg, 00 40 49.5 +0.1, 00 40 50.0, etc.

27d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRMB Red Mountain, KMRM Mali Ridge, WRA Warramunga Arr, etc.

NEIC 27 00:43:43.7z.2.7.32.18N.0.02:117.77W.0.04, h16km,6km, Error ellipse: s-maj=6.1km s-min=2.1km az=60.0

SCEDC 27 00:43:45.0z.0.7.32.22N.0.117:69W.h21km s-min=3.8km az=204.0

ISIC 27 00:43:44.3z.1.4.32.19N.0.04:117.71W.0.03,h14km,9km, n76, c099/106, 12C-2D, California-Baja California border region

Main table of station data for the 27d Oh event, listing station names, coordinates, and observation times.

2015 FEB

Main table of station data for the 2015 FEB event, listing station names, coordinates, and observation times.

1308

Main table of station data for the 1308 event, listing station names, coordinates, and observation times.

1309

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elevation, and other details. Includes entries like PEXB Peixe, ITTB Itaítuba, PTGA Pitinga, etc.

2015 FEB

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elevation, and other details. Includes entries like MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, etc.

27d 0h

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elevation, and other details. Includes entries like S22A 4UR Ranch, LRMC Laurel Mtn Rad, PKM McPherson Peak, etc.

27d Oh

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like 003E Paynes Creek, K58A Earville, 002D Mt. Diablo Mer, etc.

2015 FEB

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like DAVA Damuels, STU Stuttgart, KASTR Kahler Asten, etc.

1310

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like KMI Ulanbaatar, ULN Ulanbaatar, ULN Songino Ariy, etc.

PGC 27.00:49:29.5-0.1, 50.52N-130.36W, h10km, ML.SN3.3/33, Mw3.9/33, 208km west of Pt. Hardy, Bc Vancouver Island, Canada Region
IDC 27.00:49:32.9-1.2, 50.78N-129.71W, h0km, mb3.3/2, mb1 3.7/9, mb1mx3.5/43, mbtrmp3.5/9, ML3.6, MS3.1/5, Ms1 3.1/5, ms1mx2.9/25, Error ellipse: s-maj=13.7km s-min=8.8km az=92.0

ISC 27.00:49:31.3-2.7, 50.65N-130.14W-0.05, h5km=18km, n89, r197/64, Vancouver Island region

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like HOLB Holberg, HPC Port Hardy, HGS Hot Spring, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BSMT Bassoo Peak, YKA Yellowknife Ar, NVA Mina Array Bea, etc.

PRU 27 01:03:16.9, 0.0, 50.272N, 19.00E, h0km, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MOR Moravsky Berou, KRALC Krality, etc.

IDC 27 01:04:33.7, 1.3, 34.54N, 73.30E, h0km, mb3.8/8, mb1.3, 9/13, mb1mx3.8/4.5, mbtmp3.8/13, ML3.6/5, Error ellipse: s-maj=28.3km s-min=18.9km az=82.0

NEIC 27 01:04:37.1, 3.3, 34.59N, 0.06, 73.38E, 0.10, h3km, 6km, mb4.2/6, Error ellipse: s-maj=11.7km s-min=8.2km az=71.0

NMC 27 01:04:45.9, 2.2, 35.25N, 73.30E, h0km, mb4.5, mpv4.2, Error ellipse: s-maj=19.4km s-min=17.9km az=47.0

ISC 27 01:04:37.0, 8.3, 34.59N, 0.07, 73.31E, 0.08, h22km, n40, c175/41, mb3.9/7, 4C-2D, Pakistan

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NIL Nilore, KBL Kabul, AAK Ala-Archa, etc.

NEIC 27 01:29:21.3, 2.6, 34.55N, 0.06, 73.3E, 0.1, h27km, 5km, mb4.0/7, Error ellipse: s-maj=13.4km s-min=7.7km az=71.0

IDC 27 01:29:24.9, 3.4, 34.70N, 73.14E, h53km, 31km, mb3.6/13, mb1.3, 7/18, mb1mx3.4/5.4, mbtmp3.9/18, ML3.9/5, MS4.1/3, MS1.4/3, ms1mx3.2/4.4, Error ellipse: s-maj=21.5km s-min=17.1km az=39.0

NMC 27 01:29:27.2, 2.9, 34.90N, 73.19E, h75km, 30km, mb3.8, mpv4.2, Error ellipse: s-maj=24.9km s-min=19.6km az=148.0

ISC 27 01:29:22.1, 0.6, 34.59N, 0.06, 73.39E, 0.06, h35km, n51, c204/55, mb3.8/12, MS4.1/3, 47C-58D, Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NIL Nilore, KBL Kabul, AAK Ala-Archa, etc.

Main table for the second section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array, etc.

MEX 27 01:48:49.1, 0.7, 27.44N, 111.43W, h5km, MD4.2, IDC 27 01:48:56.3, 3.9, 28.26N, 110.86W, h0km, mb3.5/1, mb1.3, 6/4, mb1mx3.4/4.9, mbtmp3.1/4, ML3.3/3, MS3.4/9, MS1.3, 4/9, ms1mx3.3/2.9, Error ellipse: s-maj=52.2km

ISC 27 01:48:47.1, 1.4, 27.44N, 0.08, 111.55W, 0.05, h10km, n17, c175/16, MS3.5/4, Gulf of California

Main table for the third section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SRIG Santa Rosalia, HSIG Yellowknife Ar, HSIG Nacoziari, etc.

IDC 27 02:17:37.7, 0.1, 16.39N, 177.88W, h0km, mb4.0/3, mb1.4, 3/3, mb1mx3.7/2.6, mbtmp4.0/3, Error ellipse: s-maj=31.7km s-min=34.5km az=141.0, Fiji Islands region

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

IDC 27 02:24:45.5, 0.7, 33.41N, 60.73E, h0km, mb4.0/20, mb1.4, 2/24, mb1mx4.0/4.2, mbtmp4.0/24, ML3.7/4, MS3.6/3, Ms1.3/3, ms1mx3.0/4.9, Error ellipse: s-maj=14.2km s-min=13.2km az=30.0

THR 27 02:24:47.6, 0.3, 33.65N, 60.73E, h16km, 4km, ML4.6, TEH 27 02:24:48.0, 33.61N, 60.69E, h12km, ML4.6, NEIC 27 02:24:49.1, 1.7, 33.57N, 0.06, 60.74E, 0.05, h23km, 5km, Error ellipse: s-maj=8.9km s-min=6.1km az=163.0

MOS 27 02:24:49.3, 1.4, 33.57N, 60.71E, h34km, mb4.5/16, Error ellipse: s-maj=7.9km s-min=5.9km az=109.5

NMC 27 02:24:57.8, 4.1, 34.24N, 60.90E, h32km, 31km, mb4.2, Error ellipse: s-maj=29.8km s-min=19.1km az=176.0

ISC 27 02:24:48.1, 0.4, 33.65N, 0.04, 60.75E, 0.04, h10km, n188, c186/190, mb4.3/39, 9C-8D, Northern and central Iran

Main table for the fourth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SHRT Shahrakht, SHRT Shahrakht, SHRT Shahrakht, etc.

27d 2h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like GNI, TKM2, GROG, AB31, etc.

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KOLS, FINES, SONMI, CHTO, etc.

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like RIVT, BODE, SHOU, ENTS, etc.

IDC 27 02:29:52.0:3.9,5:55S:138.98E,h0km,mb3.4/1, mb1 3.4/3,mb1mx3.2/30,mbtm3.2/3,ML2.5/2, Error ellipse: s-maj=139.9km s-min=34.8km az=88.0, Near south coast of Iran Jany

BGR 27 02:30:33.6:0.2,50:39N:7:38E,h10km,ML2.0/3, Error ellipse: s-maj=2.2km s-min=1.1km az=125.0 LDG 27 02:30:34.0:0.1,50:37N:7:35E,h8km,MD2.4/2,ML2.4/20, Error ellipse: s-maj=1.0km s-min=0.9km az=36.0 BNS 27 02:30:34.0:0.4,50:38N:7:37E,h12km,5km,ML1.8 UCC 27 02:30:34.3:0.5,50:38N:7:35E,h9km,1km,ML1.6,3, smi:scs/0.6/LCSAT earthModelID smi:scs/0.6/haslach_taup-2.1 preliminary

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

NEIC 27 02:39:52.8:1.9,32:82S:0:10,179:9E:0:2,h201km,6km, mb4,4/19, Error ellipse: s-maj=22.4km s-min=12.1km az=110.0 IDC 27 02:39:55.0:2.4,32:95S:179:96E,h221km,22km,mb4.0/8, mb1 4.1/11,mb1mx3.9/31,mbtm4.6/1, Error ellipse: s-maj=20.0km s-min=18.1km az=42.0

WEL 27 02:39:56.0, 0.5, 33.3, S, 8.18, 0E, 2.0, h140km, 31km, M4.4/3.0, mB4.9/2.0, MLv5.1/3.0, Mw(mB)4.2/2.0, Error ellipse: s-maj=0.0km, s-min=0.0km, az=111.6

NOU 27 02:40:41.9, 36.48S, 178.02E, h241km, MLv4.4, Off E, Coast of N. Island, N.Z.

ISC 27 02:39:52.9, 0.5, 32.84S, 0.05S, 180.00W, 0.09, h200km, n128, e1978/144, mb4.4/17, South of Kermadec Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

27d 6h

G03D	baz=240	McMinnville, O	80.05	36	P	P	06 14 07.0	+0.2
J05D	baz=232	Fort Rock, OR	80.06	38	P	P	06 14 07.7	+0.6
SHPR	baz=232,SNR=1.6	Sheep Range	80.26	47	P	P	06 14 08.0	-0.4
BRSE	baz=206	Bradley Lake S	80.43	14	P	P	06 14 08.8	+0.3
I05D	baz=235	Terrebonne, OR	80.62	37	P	P	06 14 09.9	0.0
R11A	baz=239,SNR=8.4	Troy Canyon, C	80.92	45	P	P	06 14 11.7	0.0
WVOR	baz=240	Wild Horse Val	81.14	40	P	IAMB	06 14 12.0	-0.7
G05D	comp=Z,2.1nm,1.1s	Wamic, OR	81.17	37	P	P	06 14 12.8	+0.2
E04D	baz=234	Cinebar	81.26	35	P	P	06 14 13.0	0.0
TUC	baz=233	Tucson	81.41	52	P	P	06 14 15.4	+1.2
F05D	baz=232	White Salmon	81.47	36	P	P	06 14 14.1	0.0
D04E	baz=232	Lakebay	81.53	35	P	P	06 14 15.0	+0.6
D03D	baz=232	Eldon	81.57	34	P	P	06 14 14.9	+0.3
J08A	baz=232	Circle Bar Ran	81.76	39	P	IAMB	06 14 15.4	-0.4
RC01	comp=Z,2.7nm,1.2s	Rabbit Creek A	81.87	13	P	P	06 14 14.5	-1.3
SUA	baz=207	Susitna One	81.98	13	P	P	06 14 15.4	-1.1
319A	baz=206	Douglas	82.13	54	P	IAMB	06 14 18.3	+0.3
GLI	comp=Z,3.1nm,0.9s	Glacier Island	82.29	15	P	P	06 14 17.0	-1.0
TTA	baz=210	Tatalina	82.34	10	P	P	06 14 17.9	-0.4
ELK	baz=201	Elko	82.39	43	P	P	06 14 18.4	-0.9
WUAZ	baz=242	Wupatki	82.46	49	P	P	06 14 20.3	+0.7
A04D	baz=242	Lummi Island	82.50	33	P	P	06 14 19.7	+0.5
B05A	baz=233	Bryant	82.55	34	P	P	06 14 19.4	-0.2
IPM	comp=Z,3.4nm,0.7s	Iphoh	82.72	277	P	IAMB	06 14 20.7	-0.6
CUT	baz=207	Chulitna	82.93	13	P	P	06 14 22.0	+0.8
BMRM	baz=212	Bremner River	82.99	16	P	P	06 14 20.4	-1.2
KLU	baz=211	Klutina	83.11	15	P	P	06 14 21.7	-0.5
KULM	comp=Z,1.6nm,0.9s	Kulim	83.33	278	P	IAMB	06 14 24.2	-0.1
W18A	baz=243	Petrified Fore	83.46	50	P	P	06 14 25.2	+0.5
N25K	baz=212	Chitina, Valde	83.54	15	P	P	06 14 23.5	-0.8
M24K	baz=210	Tolsona, Glenn	83.58	14	P	P	06 14 23.9	-0.6
BALM	baz=207	Baldy	83.65	17	P	P	06 14 24.4	-0.5
DUG	baz=240	Dugway, Tocele	83.70	44	P	P	06 14 25.0	+0.3
MCARA	baz=213	McCarthy VSAT	83.76	16	P	P	06 14 24.4	-0.9
121A	baz=207	Cookes Peak, D	83.78	53	P	P	06 14 26.7	+0.4
TRF	baz=207	Thorofare Moun	83.86	12	P	P	06 14 24.4	-1.6
CHUM	baz=207	Lake Minchum	83.86	11	P	P	06 14 24.1	-1.7
CTGM	baz=207	Chitina Glacie	83.87	17	P	P	06 14 25.7	-0.4
ZAIG	baz=207	Zacatecas	84.10	64	P	P	06 14 28.0	-0.3
PSI	baz=207	Prapat	84.18	275	P	P	06 14 27.9	-0.8
BPAW	comp=Z,1.4nm,0.4s,ba=360,slow=16	Beaw Paw Mtn.	84.31	12	P	P	06 14 26.5	-1.5
HLID	baz=206	Hailey	84.36	41	P	P	06 14 29.4	+0.4
MCK	baz=208	McKinley	84.39	13	P	P	06 14 27.6	-0.9
PAX	baz=211	Paxson	84.49	14	P	P	06 14 27.4	-1.6
SKAG	baz=229	Skagway	84.51	20	P	P	06 14 26.7	-2.4
GSI	baz=208	Gunungstoli	85.00	273	P	P	06 14 32.7	+0.1
NEA2	baz=208	Nenana	85.13	12	P	P	06 14 30.0	-2.0
MLY	baz=208	Manley	85.20	11	P	P	06 14 30.8	-1.6
GYA	comp=Z,6.0nm,1.3s	Guiyang	85.26	300	P	pmax	06 14 34.5	+0.8
NEW	baz=237	Newport	85.26	36	P	P	06 14 32.2	-0.9
MNTX	baz=246	Cornudas Mount	85.28	55	P	P	06 14 33.9	+0.4
MVCO	baz=244	Mesa Verde	85.29	49	P	P	06 14 33.3	-0.5
HDA	baz=210	Harding Lake	85.41	13	P	P	06 14 32.5	-0.9
BCAR	baz=207	Beaver Creek A	85.48	16	P	P	06 14 32.5	-1.3
I23K	baz=207	Mirito, Yukon-K	85.57	12	P	P	06 14 33.2	-0.8
TX31	baz=245	Lajitas Ar. Si	85.59	58	P	P	06 14 36.1	+0.5
TX32	baz=245	Lajitas Array	85.59	58	P	IAMB	06 14 35.9	+0.2
TX32	comp=Z,2.1nm,1.0s	Lajitas Array	85.59	58	P	P	06 14 36.8	+1.1
SCRK	baz=212	Sand Creek	85.70	14	P	P	06 14 34.3	-0.6
ILAR	comp=Z,1.1nm,0.4s,ba=222,slow=5.2,SNR=30	Eielson Array	85.74	13	P	P	06 14 33.8	-1.3
ILAR	comp=Z,1.1nm,0.4s,ba=222,slow=5.2,SNR=30	Eielson Array	85.74	13	P	P	06 14 33.8	-2.1
ANMO	comp=Z,5.1nm,1.0s,ba=204,slow=4.0,SNR=16	Albuquerque	85.81	51	P	P	06 14 36.4	+0.2
ANMO	comp=Z,5.1nm,1.0s,ba=204,slow=4.0,SNR=16	Albuquerque	85.81	51	P	P	06 14 36.2	0.0
XAN	baz=245	Xi'an	86.45	307	P	P	06 14 39.3	+0.2
S22A	baz=245	4UR Ranch, Cre	86.72	49	P	P	06 14 40.9	+0.3
O20A	baz=244	White River Ci	86.77	46	P	P	06 14 40.5	-0.2
EGAK	baz=215	Eagle	87.05	15	P	P	06 14 40.7	-0.5
BW06	baz=243	Boulder Array	87.08	43	P	P	06 14 42.1	0.0
PDAR	comp=Z,5.1nm,0.9s,ba=221,slow=3.0,SNR=38	Pinedale Array	87.08	43	P	P	06 14 41.5	-0.6
PDAR	comp=Z,5.1nm,0.9s,ba=221,slow=3.0,SNR=38	Pinedale Array	87.08	43	P	P	06 18 11.4	-3.5
BOZ	baz=241	Bozeman (W)	87.10	40	P	P	06 14 41.2	-0.9
H17A	baz=242	Grant Village	87.19	42	P	P	06 14 44.1	+1.5
H17A	comp=Z,9.3nm,0.8s	Grant Village	87.19	42	P	IAMB	06 14 43.5	-0.9
C07D	baz=206	Coldfoot	87.27	11	P	P	06 14 42.0	-0.1
LKWY	baz=243	Lake	87.38	41	P	P	06 14 44.1	+0.6
LKWY	comp=Z,9.4nm,0.9s	Lake	87.38	41	P	IAMB	06 14 46.0	0.0
HHC	comp=Z,6.0nm,1.0s	Hu-ho-hao-te	87.43	314	P	pmax	06 14 41.5	-2.2
HHC	comp=Z,6.0nm,1.0s	Hu-ho-hao-te	87.43	314	P	pmax	06 14 41.5	-2.2
SDCO	comp=Z,2.00nm,5.8s	Great Sand Dun	87.68	49	P	P	06 14 44.9	-0.2
KMI	baz=245	Kunming	88.07	297	P	pmax	06 14 49.0	+1.9
KMI	comp=Z,1.9nm,1.0s	Kunming	88.07	297	P	pmax	06 14 49.0	+1.9
MSTX	baz=247	Muleshoe	88.19	54	P	P	06 14 47.4	0.0
T25A	baz=246	Trinidad	88.22	50	P	P	06 14 47.5	-0.1

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RLMT	Red Lodge	88.35	41	P	P	06 14 48.6	+0.6
BMAR	Burnt Mountain	88.51	12	P	P	06 14 47.0	-1.0
TOLK	Tookik Lake Re	88.65	10	P	P	06 14 47.6	-1.0
N23A	Red Feather La	88.68	46	P	P	06 14 49.9	+0.1
833A	Chaparral WMA,	88.79	60	P	P	06 14 49.7	-0.4
K22A	Chiang Mai Arr	89.03	44	P	P	06 14 51.0	-0.1
CMAR	Chiang Mai Arr	89.14	290	P	P	06 14 50.9	-0.1
CMAR	Chiang Mai Arr	89.14	290	P	P	06 14 51.9	-0.1
JCT	Junction City	89.23	58	P	P	06 14 51.9	-0.3
CHTO	Chiang Mai	89.26	290	P	IAMB	06 14 52.0	-0.5
CHTO	Chiang Mai	89.26	290	P	IAMB	06 14 54.0	0.0
AMTX	Amarillo	89.38	53	P	P	06 14 52.3	-0.5
ABTX	Abilene, Hawle	90.13	56	P	P	06 14 56.8	+0.5
SNA4	Snares	90.67	178	P	P	06 14 57.2	-1.0
VNA3	Neumayer Olymp	90.80	176	P	P	06 14 58.3	-0.4
LAO	LASA Array	90.95	41	P	P	06 15 01.0	+1.2
PLCA	Paso Flores	91.17	134	P	P	06 15 01.9	+0.8
VNA2	Neumayer-Watz	91.25	177	P	P	06 15 00.5	-0.3
RSSD	Black Hills	91.29	44	P	P	06 15 01.3	-0.3
VNA1	Neumayer-Stat	91.47	177	P	P	06 15 01.6	-0.1
R32A	Long Quarter,	92.89	51	P	P	06 15 07.7	-1.2
DGMT	Dagmar	92.93	40	P	P	06 15 09.2	+0.3
YKA	Yellowknife Ar	94.13	25	P	P	06 15 13.3	-0.6
BGNE	Belgrade	94.31	48	P	P	06 15 15.8	+0.5
KSUI	Kansas State U	94.66	51	P	P	06 15 17.4	+0.4
GTA	Goatiai	95.22	310	eP	P	06 15 22.0	+2.4
GTA	Goatiai	95.22	310	eP	pP	06 17 16.8	+5.4
GTA	Goatiai	95.22	310	eP	sP	06 18 08.3	+6.4
ECSD	EROS Data Cent	96.15	46	P	P	06 15 23.1	-0.5
ARCES	ARCCESS Array B	126.29	350	PKP	PKPdf	06 20 52.8	-1.7
AKAS	Main Array Be	140.63	333	PKP	PKPdf	06 21 20.5	-1.3
BRTR	Keskin Array B	144.94	315	PKP	PKPdf	06 21 29.6	-0.4
GERES	GERESS Array B	147.61	345	PKPbc	PKPbc	06 21 37.0	-0.5
GERES	GERESS Array B	147.61	345	PKPbc	PKPbc	06 21 37.0	-0.5
WTTA	Wattenberg	149.57	347	eP	PKPbc	06 21 41.9	-0.7
MOTA	Moosalm	149.60	348	iP	PKPbc	06 21 41.6	-1.0
SQTA	Sankt Quirin	149.70	347	iP	PKPbc	06 21 42.1	-0.7
ABTA	Abfaltersbach	149.85	345	eP	PKPbc	06 21 42.7	-0.5
DAVA	Damuel's	149.89	349	eP	PKPbc	06 21 43.2	-0.1
TORD	Torodi Ar. Bea	175.35	177	PKP	PKPdf	06 22 00.7	-2.0
TORD	Torodi Ar. Bea	175.35	177	PKP	PKPdf	06 23 42.7	+0.2

BEO 27 06:11:34.1±0.8,45.75N±27.68E,h121km±4km,ML3.3/9
 SIGU 27 06:11:38.5±0.45,78N±26.65E,h140km,mb3.4
 BUC 27 06:11:40.1±0.3,45.73N±26.67E,h130km±2km,m14.2/54,
 Error ellipse: s-maj=2.2km s-min=1.8km az=162.0
 SOF 27 06:11:41.4±0.45,78N±26.61E,h49km,MD3.7
 ISC 27 06:11:38.8±1.2,45.76N±26.66E±0.02,h141km±5km,

Code	Station Name	Lat	Lon	Phase ID	Time	Res	ISC
		°	'		h	m	s
PLOR	Plostina	0.10	355	Op	11	57.1	-0.8
PLOR	Plostina	0.10	355	ISC	12	10.8	-1.6
PLOR	Plostina	0.10	355	ISC	11	57.1	-0.8
VRI	Vrincioaia	0.12	23	Pn	11	58.2	+0.3
VRI	Vrincioaia	0.12	23	ISC	12	11.0	-1.4
VRI	Vrincioaia	0.12	23	ISC	12	11.0	-1.4

27d 7h

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Ohinepanea, Omnia, Kaimai, Urewera, Murupara, Tahuroa Road, Raatuhana, Raukumara Rang, Matawai, Te Kaha, Rawiri, Matea Rd, etc.

ADC 27 07:35:14.8;2.2,3.83N;94.82E,h0km,mb3.6/5,mb1 3.7/6, mb1mx3.6/5.7,mbtmp3.6/6,ML3.0/1,MS2.0/1,Ms1.3/1.1, ms1m2.8/5, Error ellipse: s-maj=72.2km s-min=20.0km az=50.0

ISC 27 07:35:19.3;1.8,3.7N;103.94E;0.2,h35km,n14,c153/8, mb3.6/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Prapat, Chiang Mai Arr, Diego Garcia H, Diego Garcia H, Diego Garcia H, Cape Leeuwin H, Cape Leeuwin H, Cape Leeuwin H, Makonchi Array, Alice Springs, Warrungarra Arr, Kurchatov Arr, Zalesovo Beam, etc.

ADC 27 07:36:51.6;1.3,23.75N;101.87E,h0km,mb3.2/4, mb1 3.5/5,mb1mx3.2/5.9,mbtmp3.3/5,ML4.1/1, Error ellipse: s-maj=36.6km s-min=19.5km az=99.0, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Chiang Mai Arr, Makonchi Array, Songoing Array, Warrungarra Arr, Kurchatov Arr, Zalesovo Beam, etc.

ADC 27 07:46:47.5;2.4,39.38N;143.47E,h0km,mb3.5/6, mb1 3.6/8,mb1mx3.4/7,mbtmp3.5/8,ML3.0/2, Error ellipse: s-maj=52.6km s-min=24.6km az=150.0

JMA 27 07:46:47.1;0.2,39.37N;143.65E,h30km,M3.8

ISC 27 07:46:49.2;1.1,39.43N;143.65E,h30km,M3.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Miyakonagasawa, Ofunato, Ohasama, Ichinoseki, Ouri, Kaneyama, etc.

Table with columns: JNKB, Urakawa-nobuka, JCH, Churui, ASAJ, Asahikawa, MJAR, Matsushiro, MAT, Matsushiro, SEY, Seymchan, SONM, Songoing Array, H1N1, WAKE ISLAND Hy 28.18 127 T, H1N1, WAKE ISLAND Hy 28.19 127 T, H1N1, WAKE ISLAND Hy 28.20 127 T, ZALV, Zalesovo Beam, MKAR, Makonchi Array, Eielson Array, YKA, Yellowknife Arr, etc.

ADC 27 07:49:50.2;1.6,1.06S;130.48E,h0km,mb3.3/2, mb1 3.5/3,mb1mx3.2/4.8,mbtmp3.3/3,ML3.4/1, Error ellipse: s-maj=28.5km s-min=12.0km az=159.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Sorong, Warrungarra Arr, Eielson Array, Yellowknife Arr, etc.

DJI 27 07:52:35.7;1.3,1.1'S;6.12'E, h102km,35km,M3.7/8, MLV3.7/8

ADC 27 07:52:36.3;6.8,0.64S;120.08E,h42km,72km,mb3.4/6, mb1 3.5/8,mb1mx3.4/5.2,mbtmp3.6/8,ML3.5/2, Error ellipse: s-maj=67.5km s-min=18.6km az=54.0

ISC 27 07:52:36.3;0.9,0.65S;107.119E;0.08,h45km,n18, c1519/19,mb3.6/7, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Ampama, Marisa, Tana Toraja, Luwuk, Sidrap Palu, Gorontalo, Bone, Kumpang, KAPI, SOEI, Serui, Papua, FITZ, Fitzroy Cross, WARR, Warrungarra Arr, Alice Springs, CTA, Charters Tower, STKA, Stephens Creek, SONM, Songoing Array, MKAR, Makonchi Array, KURBB, Kurchatov Arr, etc.

ADC 27 07:54:48.5;2.1,4.07S;139.18E,h0km,mb3.7/2, mb1 4.0/4,mb1mx3.6/4.8,mbtmp3.9/4,ML3.9/2,MS3.5/2, ms1.3/2,ms1mx2.8/4.9, Error ellipse: s-maj=63.8km s-min=25.1km az=110.0

ISC 27 07:54:51.3;1.7,3.9S;0.2;138.8E;0.3,h24km,n7,c1936/9, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Warrungarra Arr, WRA, WRA, FITZ, Fitzroy Cross, ASAR, Alice Springs, STKA, Stephens Creek, ZALV, Zalesovo Beam, DBIC, Dimbrock, LPAZ, etc.

BUI 27 07:57:59.0;0.2,28.08N;128.57E,h133km,mb5.1/35, mb4.7/59

JMA 27 07:58:03.7;0.1,28.34N;128.22E,h118km,3km,M4.5

JMA Feil J1

NEIC 27 07:58:03.6;2.0,28.26N;105.128.28E;0.06, h139km,7km,mb4.9/48, Error ellipse: s-maj=8.9km s-min=5.6km az=134.0

NIED 27 07:58:03.7,28.34N;128.22E,h118km,MW4.8, Moment Tensor Solution: s3 Moment tensor: Scale 1016Nm; Mn=0.82; Mm=0.79; Mx=0.17; Mz=0.16; Mxy=0.17; Fault plane solution: M1:7.0000*10^16 NP1: 0.276,0.0000*,0.78,0.0000*,1.95,0.0000*. NP2:0.7,0.0000*, 8.13,0.0000*,1.65,0.0000*.

MOS 27 07:58:03.0;0.9,28.32N;128.31E,h150km,mb4.6/15

Principal axes: s-maj=7.9km s-min=5.0km az=97.7

ADC 27 07:58:03.2;0.3,28.32N;128.23E,h132km,2km,mb4.3/7, mb1 4.4/42,mb1mx4.2/66,mbtmp4.7/42,MS3.2/5, Ms1 3.2/5,ms1mx3.0/42, Error ellipse: s-maj=9.7km s-min=4.8km az=86.0

GCMT 27 07:58:04.6;0.3,28.30N;102.128.26E;0.03, h130km,5km,MW4.8/95, Moment Tensor Solution. s12,c14; s95,c124; Duration: 0 Moment tensor: Scale 1016Nm; Mn=0.67; Mm=1.09; Mx=1.09; Mz=0.41; Mxy=1.9; Mxz=0.8; Mzy=0.47; Mz=0.35; 0.6; Best double couple: M2.24500*10^16 NP1:0.39,0.0000*,0.20,0.0000*, 1.31,0.0000*. NP2:0.280,0.0000*,0.79,0.0000*,1.08,0.0000*.

Principal axes: s-maj=7.21170,Plg2.0000*,Azm210.0000*; N: 0.2560,Plg17.0000*,Azm96.0000*; P: -2.3730, Plg32.0000*,Azm355.0000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 27 07:58:03.4;0.3,28.30N;103.128.31E;0.03,h134km,2km, h134km;p-P,n377,c1520/447,mb4.8/107,4C-4D,Ryukyuu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Tokunoshima, Amamishikomi, Okinoerabujima, Amami Oshima, Takarajima, Yoronjima, Iheya, Kunigami, etc.

27d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EIL, BRTR, AKASG, IDC 27 10:16:16.7, NEIC 27 10:16:16.7, and various other station entries.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 27 10:18:27.0, MOS 27 10:18:29.5, SKHL 27 10:18:31.0, and various other station entries.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PAU, ASAK, MTRV, GRL, APC, KRM, KRM, KRM, PEAOB, PETK, and various other station entries.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 27 10:21:16.2, IDC 27 10:21:17.6, and various other station entries.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like 0.3nm, 0.8s, baz=120, slow=8.5, SNR=3.8, IDC 27 10:23:35.5, NEIC 27 10:23:37.4, and various other station entries.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like INET 27 10:25:11.5, UCR 27 10:25:08.5, and various other station entries.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 27 10:26:10.5, and various other station entries.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Neapolis, Heraklion, Thira Island, Santorini-Thir, etc.

ICD 27 11:05:09.9-478.0,6273N-42.40E, h0km, Error ellipse: s-maj=127.9km s-min=90.2km az=146.0, Baitic States-Belarus-Northwestern Russia.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DUBNA INFRASON, AKTYUBINSK INF, FAIRBAKS INFR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Finca La Fe, P, JTS, COL, LIM1, etc.

ICD 27 11:13:38.1-2.2,676S-128.82E, h0km, mb3.4/1, mb1 3.7/3, mb1mx3.3/5.1, mbtmp3.5/3, ML3.7/2, Error ellipse: s-maj=145.4km s-min=31.8km az=67.0, Banda Sea

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

DJA 27 11:14:50.2-0.5,0'S,4.12'E, h92km, 11km, M3.8/8, mb3.8/1, MLV3.8/8, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matakaoa Point, HAZ, WMGZ, etc.

NOU 27 11:16:49.4,34.38S-179.27W, h319km, MLV4.6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matakaoa Point, HAZ, WMGZ, etc.

NEIC 27 11:18:2.2,4.2,3.94S,0.07:66.79W,0.09, h194km, gkm, Error ellipse: s-maj=12.6km s-min=9.9km az=90.0

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

ICD 27 11:18:20.8,0.5,23.82S:67.22W, h244km, 6km, ML4.0

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

DJA 27 11:14:50.2-0.5,0'S,4.12'E, h92km, 11km, M3.8/8, mb3.8/1, MLV3.8/8, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matakaoa Point, HAZ, WMGZ, etc.

ICD 27 11:18:22.3,1.4,9.86S:161.28E, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.6/43, mbtmp3.8/6, ML3.5/2, Error ellipse: s-maj=30.7km s-min=26.6km az=20.0

NEIC 27 11:18:25.2,1.2,10.1S:0.2:261.0E:0.2, h10km, 2km, mb4.5/4, Error ellipse: s-maj=42.1km s-min=6.7km az=40.0

ICD 27 11:18:24.6,1.0,10.0S:0.1:161.1E:0.1, h10km, n14, Banda Islands

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

27d 11h

PKIN	comp=Z,202nm,1.1s Phulchoki	75.76 301	eP	P	11 46 53.9	0.0
PALK	comp=Z,271nm,1.3s Pallekele	75.78 279	P	P	11 46 54.5	+0.5
PALK	comp=Z,199nm,0.7s,slow=5.2,SNR=8.2 Pallekele	75.78 279	P	P	11 46 54.0	0.0
PALK	comp=Z,15nm,0.9s Pallekele	75.78 279	P	P	11 46 54.0	0.0
PKLN	Kakani	75.92 301	eP	P	11 46 55.2	+0.5
DMN	Daman	76.02 301	eP	P	11 46 56.0	+0.6
OHAK	Old Harbor	76.46 26	P	P	11 46 56.9	+0.1
OHAK	Old Harbor	76.46 26	P	IAmb	11 46 57.2	+0.4
OHAK	comp=Z,42nm,0.8s Govkha	76.52 301	eP	P	11 46 58.5	+0.4
GKN	Kodiak Island	77.10 26	P	P	11 47 00.4	0.0
KDAAK	Kodiak Island	77.10 26	P	P	11 47 00.1	-0.3
KDAAK	Kodiak Island	77.10 26	iP	P	11 46 59.9	-0.5
KDAAK	Kodiak Island	77.10 26	P	P	11 47 00.4	0.0
KDAAK	Kodiak Island	77.10 26	P	IAmb	11 47 04.6	
ANM	Nome	77.22 16	P	P	11 47 01.6	+0.6
ANM	Nome	77.22 16	P	P	11 47 01.0	0.0
ANM	Nome	77.22 16	P	IAmb	11 47 01.0	0.0
ANM	Nome	77.22 16	P	IAmb	11 47 02.7	
SVW2	Sparrevoth	77.95 22	P	P	11 47 05.6	+0.4
SVW2	comp=Z,36nm,0.8s Homer	78.61 24	P	P	11 47 09.0	+0.2
RSO	Redoubt South	78.64 23	P	P	11 47 08.9	-0.3
HOM	China Foot	78.70 25	P	P	11 47 09.5	+0.2
BRLK	Bradley Lake	78.98 20	P	IAmb	11 47 10.6	-0.4
TTA	Tatalina	78.99 20	P	P	11 47 11.7	+0.7
TTA	Tatalina	78.99 20	P	P	11 47 10.9	0.0
TTA	Tatalina	78.99 20	P	IAmb	11 47 10.9	0.0
TTA	Tatalina	78.99 20	P	IAmb	11 47 12.7	
BRSE	Bradley Lake S	79.03 25	P	P	11 47 11.3	+0.2
WMQ	Urumqi	79.11 317	eP	P	11 47 12.0	0.0
WMQ	comp=Z,18nm,1.3s		pP	pP	11 47 32.0	-0.4
WMQ	comp=Z,560nm,5.9s		pmax	pmax		
WMQ	comp=Z,470nm,14.9s		LR	LR		
SPCR	Spurr Chakacha	79.30 23	P	P	11 47 12.0	-0.7
CAPN	Capitan Cook N	79.46 24	P	P	11 47 14.5	+1.1
HYB	Hyderabad	79.61 289	iP	P	11 47 14.0	-1.2
HYB	Hyderabad	79.61 289	eP	IAmb	11 47 13.3	-1.9
SEW	Seward	79.77 25	P	P	11 47 15.1	0.0
SEW	Seward	79.77 25	P	IAmb	11 47 15.7	+0.7
SEW	Seward	79.77 25	P	IAmb	11 47 16.4	
O22K	Cooper Landing	79.87 24	P	P	11 47 15.8	+0.2
O22K	Cooper Landing	79.87 24	P	P	11 47 15.5	-0.1
O22K	Susitna One	80.03 23	P	P	11 47 16.1	-0.6
SUA	Susitna One	80.03 23	P	P	11 47 16.0	-0.6
SUA	Susitna One	80.03 23	P	IAmb	11 47 20.9	
SKT	Skwentna	80.03 23	P	P	11 47 15.1	-1.4
SKT	Skwentna	80.03 23	P	P	11 47 15.3	-1.2
PCO1	Rabbit Creek A	80.21 24	P	P	11 47 17.5	0.0
RPLA	Purkeypile	80.33 22	P	P	11 47 17.8	-0.5
PPLA	Purkeypile	80.33 22	P	IAmb	11 47 18.2	-0.1
PPLA	Purkeypile	80.33 22	P	IAmb	11 47 19.1	
TIXI	Tiksi	80.49 352	ceP	pmax	11 47 17.5	-1.2
TIXI	Tiksi	80.49 352	P	pmax	11 47 18.5	-0.2
TIXI	Tiksi	80.49 352	P	P	11 47 19.6	-0.8
CHUM	Lake Minchumin	80.88 21	P	P	11 47 21.5	+0.5
HIN	Hinchinbrook I	81.17 25	P	IAmb	11 47 22.9	+0.3
HIN	Hinchinbrook I	81.17 25	P	IAmb	11 47 24.0	
GLI	Glacier Island	81.17 25	P	P	11 47 22.7	0.0
GLI	Glacier Island	81.17 25	P	IAmb	11 47 22.6	0.0
GLI	Glacier Island	81.17 25	P	IAmb	11 47 23.9	
SML	Sawmill	81.17 24	P	P	11 47 23.2	+0.5
SML	Sawmill	81.17 24	P	P	11 47 22.7	0.0
KTH	Kantishna Hill	81.19 21	P	IAmb	11 47 21.8	-0.9
KTH	Kantishna Hill	81.19 21	P	IAmb	11 47 26.5	
TRF	Thorofore Moun	81.36 22	P	P	11 47 22.9	-0.9
TRF	Thorofore Moun	81.36 22	P	IAmb	11 47 22.9	-0.9
TRF	Thorofore Moun	81.36 22	P	IAmb	11 47 25.8	
DGZ	Jazzator, Alta	81.41 323	ceP	pmax	11 47 23.5	-0.8
DGZ	Jazzator, Alta	81.41 323	ceP	pmax	11 47 23.5	-0.8
BPAW	Bear Paw Mtn.	81.48 21	P	P	11 47 23.7	-0.5
BPAW	Bear Paw Mtn.	81.48 21	P	P	11 47 23.4	-0.8
EYAK	Cordova Ski Ar	81.56 25	P	P	11 47 24.7	0.0
EYAK	Cordova Ski Ar	81.56 25	P	IAmb	11 47 24.4	-0.2
SCM	Sheep Creek Mo	81.59 24	P	pmax	11 47 25.5	+0.6
SCM	Sheep Creek Mo	81.59 24	P	pmax	11 47 25.5	+0.6
BHPL	Sheep Creek Mo	81.78 295	eP	P	11 47 25.4	+0.6
BHPL	Sheep Creek Mo	81.78 295	eP	IAmb	11 47 25.3	-1.4
KAIM	Kayak Island	81.83 26	P	P	11 47 26.4	+0.3
RND	Reindeer	81.86 22	P	pmax	11 47 25.6	-0.7
RND	Reindeer	81.86 22	P	pmax	11 47 25.6	-0.7
RND	Reindeer	81.86 22	P	P	11 47 25.6	-0.7
RAGM	Ragged Mountain	81.94 26	P	IAmb	11 47 27.0	+0.3
RAGM	Ragged Mountain	81.94 26	P	IAmb	11 47 28.6	
KLU	Klutina	81.98 24	P	P	11 47 27.6	+0.5
KLU	Klutina	81.98 24	P	P	11 47 27.5	+0.5
MCK	McKinley	82.01 22	P	P	11 47 26.5	-0.5
BWN	Brown	82.07 21	P	P	11 47 28.4	+1.1
HMT	Hamilton	82.10 26	P	IAmb	11 47 28.3	+0.8
HMT	Hamilton	82.10 26	P	IAmb	11 47 29.9	
MNY	Manley	82.12 20	P	P	11 47 27.6	0.0
M24K	Tolsona, Glenn	82.20 24	P	P	11 47 28.9	+0.8

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M24K	Tolsona, Glenn	82.20 24	P	P	11 47 29.3	+1.2
BMRM	Bremner River	82.26 25	P	P	11 47 28.7	+0.3
NE2K	Nenana	82.45 21	P	P	11 47 28.6	-0.7
N5AK	Chitina, Valde	82.58 25	P	P	11 47 30.8	+0.7
N25K	Chitina, Valde	82.58 25	P	P	11 47 30.8	+0.7
I23K	Minto, Yukon-K	82.66 21	P	P	11 47 30.0	-0.3
I23K	Minto, Yukon-K	82.66 21	P	P	11 47 30.1	-0.3
WRH	Wood River Hill	82.73 21	P	IAmb	11 47 30.2	-0.5
WRH	Wood River Hill	82.73 21	P	IAmb	11 47 32.9	
GLB	Gilahina Butte	82.83 25	P	P	11 47 31.0	-0.4
GLB	Gilahina Butte	82.83 25	P	IAmb	11 47 33.0	
VRDI	Verde Repeater	82.88 25	P	P	11 47 31.4	-0.4
VRDI	Verde Repeater	82.88 25	P	IAmb	11 47 33.3	
QSPA	South Pole Qui	82.89 180	P	P	11 47 33.0	+1.3
QSPA	South Pole Qui	82.89 180	P	P	11 47 33.1	+1.3
QSPA	South Pole Qui	82.89 180	P	IAmb	11 47 34.1	+1.3
PAX	Paxson	82.92 23	P	P	11 47 31.7	-0.2
PAX	Paxson	82.92 23	P	pmax	11 47 31.5	-0.4
PAX	Paxson	82.92 23	P	pmax	11 47 31.5	-0.4
PAX	Paxson	82.92 23	P	P	11 47 31.5	-0.4
CCB	Clear Creek Bu	82.93 21	P	IAmb	11 47 33.6	
CCB	Clear Creek Bu	82.93 21	P	IAmb	11 47 33.6	
MDM	Murphy Dome	82.95 21	P	P	11 47 31.4	-0.6
MDM	Murphy Dome	82.95 21	P	IAmb	11 47 32.5	
TCOL	CIGO, UAF Yank	83.04 21	P	P	11 47 31.7	-0.6
TCOL	CIGO, UAF Yank	83.04 21	P	P	11 47 31.3	-1.0
TCOL	CIGO, UAF Yank	83.04 21	P	pmax	11 47 31.4	-0.9
COLA	College	83.04 21	P	P	11 47 31.4	-0.9
COLA	College	83.04 21	P	P	11 47 32.2	-0.6
HDA	Harding Lake	83.12 22	P	P	11 47 31.9	-0.8
HDA	Harding Lake	83.12 22	P	IAmb	11 47 35.7	
MCARA	McCarthy VSAT	83.14 25	P	P	11 47 33.4	+0.5
MCARA	McCarthy VSAT	83.14 25	P	IAmb	11 47 33.1	+0.3
MCARA	McCarthy VSAT	83.14 25	P	IAmb	11 47 35.1	
BALM	Baldy	83.26 26	P	IAmb	11 47 33.4	-0.3
BALM	Baldy	83.26 26	P	IAmb	11 47 35.2	
POKR	Poker Plat Res	83.33 21	P	P	11 47 32.9	-0.9
POKR	Poker Plat Res	83.33 21	P	IAmb	11 47 32.3	-1.5
POKR	Poker Plat Res	83.33 21	P	IAmb	11 47 34.3	-1.5
IL31	IL31	83.33 21	P	P	11 47 32.3	-1.5
IL31	IL31	83.33 21	P	IAmb	11 47 34.1	
ILAR	Eielson Array	83.33 21	P	P	11 47 32.9	-1.0
ILAR	Eielson Array	83.33 21	P	P	12 05 47.8	+0.3
ILAR	Eielson Array	83.33 21	P	LR	12 20 52.9	
ILAR	Eielson Array	83.33 21	P	P	11 47 32.5	-1.4
ILAR	Eielson Array	83.33 21	P	P	11 47 32.5	-1.4
TABL	Table Mountain	83.37 21	P	P	11 47 35.5	+0.3
COLD	Coldfoot	83.59 19	P	P	11 47 36.0	+0.9
COLD	Coldfoot	83.59 19	P	P	11 47 35.8	+0.7
COLD	Coldfoot	83.59 19	P	IAmb	11 47 37.4	
SMLA	Simla	83.59 302	eP	IAmb	11 47 35.8	-0.1
SMLA	Simla	83.59 302	eP	IAmb	11 47 40.3	
MENT	Mentasta	83.60 24	P	IAmb	11 47 35.6	+0.3
MENT	Mentasta	83.60 24	P	IAmb	11 47 41.0	
MK31	Makanchi Array	83.68 319	P	pmax	11 47 35.6	-0.5
MK31	Makanchi Array	83.68 319	P	pmax	11 47 35.6	-0.5
MK31	Makanchi Array	83.68 319	P	P	11 47 36.0	0.0
MKAR	Makanchi Array	83.68 319	P	P	12 05 52.6	-2.4
MKAR	Makanchi Array	83.68 319	P	P	12 13 57.6	-0.6
MKAR	Makanchi Array	83.68 319	P	LR	12 26 59.0	
MKAR	Makanchi Array	83.68 319	P	P	11 47 35.2	-0.9
DOT	Dot Lake	83.81 23	P	P	11 47 36.0	-0.4
MAKZ	Makanchi	83.89 319	P	pmax	11 47 36.6	-0.6
MAKZ	Makanchi	83.89 319	P	pmax	11 47 36.6	-0.6
MAKZ	Makanchi	83.89 319	P	IAmb	11 47 36.6	-0.6
MAKZ	Makanchi	83.89 319	P	IAmb	11 47 43.5	
SCRK	Sand Creek	84.01 23	P	P	11 47 37.9	+0.5
PRP	Porcupine Dome	84.22 21	P	P	11 47 39.6	-1.6
A21K	Barrow	84.39 14	P	P	11 47 39.5	+0.4
A21K	Barrow	84.39 14	P	P	11 47 39.2	+0.2
ZAAO	Zalesovo Array	84.43 326	P	P	11 47 38.1	-1.6
ZALV	Zalesovo Beam	84.43 326	P	P	11 47 38.5	-1.1

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANTB, FETY, KEBE, SILLI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SUMG, GTA, LBTB, SONM, BOSB, etc.

ADC 27 12:56:47.8:0.37:38N:71:55E, h40km, 20km, mb3.4/4, m=1.5/9, mb1mx3.1/62, mbrmp3.8/9, Error ellipse: ...

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and other technical details. Includes stations like AML, UCH, EKSZ, etc.

TRN 27 13:00:13.1, 10:88N-61:80W, h110km, MD3.1, FUV 27 13:00:14.5, 10:82N-62:23W, h32km, MW3.2, ISC 27 13:00:11.4:1.6, 10:82N:0:05:62:22W:0:05, h91km, 16km, n14, c155/23, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and other technical details. Includes stations like TRN, TRN, TRN, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM Songio Array, SONM Blackbirch Sta, TLZ Tolley Road, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Port-aux-Franc, Port-aux-Franc Tymovskoe, Talaya Zeya, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MAKZ Makanchi, ULHL Ulahol, TNSN Tianshan, etc.

ILAR	Eielson Array	96.87	26	P	P	13 57 35.2	-1.6
ILAR	comp-Z, 2.51nm, 0.6s, baz=261, slow=2.9, SNR=148						
ILAR	comp-Z, 2.2nm, 1.1s, baz=275, slow=4.4, SNR=3.3					13 59 39.1	-0.6
ILAR	comp-Z, 5.1nm, 0.8s, baz=256, slow=5.4, SNR=7.8					14 01 42.2	+0.6
ILAR	comp-Z, 3.8nm, 0.9s, baz=254, slow=3.5, SNR=4.8					14 07 23.1	+3.3
ILAR	comp-Z, 18nm, 0.9s, baz=359, slow=2.2, SNR=10.0					14 14 15.2	-3.5
ILAR	comp-Z, 1.6nm, 0.9s, baz=55, slow=1.5, SNR=10.0					14 17 01.8	+0.4
ILAR	comp-Z, 4.3nm, 1.1s, baz=68, slow=2.2, SNR=4.1					14 22 25.9	-2.5
FID	Port Fidalgo	96.87	30	Iamb	Iamb	13 57 39.2	
Q23K	Middleton Isla	96.87	31	P	P	13 57 37.3	+0.4
HRT	Herexke	96.89	310	eP	P	13 57 37.2	-0.4
SILT	Sile	96.93	311	eP	P	13 57 38.3	+0.6
TVSB	Tavsanli	96.95	309	eP	P	13 57 36.9	-1.1
GEDZ	Gediz	96.97	308	eP	P	13 57 38.6	+0.6
M24K	Tolsona, Glenn	97.07	28	Iamb	Iamb	13 57 38.2	+0.3
M24K	Tolsona, Glenn	97.07	28	Iamb	Iamb	13 57 40.9	
YLV	Yalova	97.09	310	eP	Pdf	13 57 39.2	+0.6
YLU	Klutina	97.17	29	P	Pdf	13 57 38.1	-0.3
KLU	Klutina	97.17	29	Iamb	Iamb	13 57 42.5	
EYAK	Cordova Ski Ar	97.22	30	P	Pdf	13 57 38.0	-0.5
EYAK	Cordova Ski Ar	97.22	30	Iamb	Iamb	13 57 41.2	
GEMT	Gemlik	97.23	310	eP	Pdf	13 57 38.8	-0.2
SIMA	Simav-Kutahya	97.30	308	eP	Pdf	13 57 38.1	-1.4
KAVU	Kandilli-Istaitan	97.36	310	eP	Pdf	13 57 39.8	+0.2
ISK	Istambul-Kandi	97.36	310	eP	Pdf	13 57 39.1	-0.5
KLYT	Kilyos	97.39	311	eP	Pdf	13 57 39.8	+0.1
PUL	Pulkovo	97.40	329	eP	Pdf	13 57 38.7	-0.6
PAX	Paxson	97.43	27	P	Pdf	13 57 39.2	-0.3
MDNV	Mudanya-Bursa	97.45	310	eP	Pdf	13 57 39.3	-0.7
PRP	Porcupine Dome	97.47	25	P	Pdf	13 57 38.0	-1.7
KULA	Kula-Manisa	97.52	308	eP	P	13 57 41.9	+1.4
BGKT	Bogazkoy	97.58	311	eP	Pdf	13 57 40.2	-0.4
FYK	Furukyon	97.61	24	Iamb	Iamb	13 57 43.6	
JURR	Jurlova	97.69	314	eP	P	13 57 42.1	+1.1
AKASG	Malin Array Be	97.71	320	P	Pdf	13 57 40.0	-1.0
AKASG	comp-Z, 1.03nm, 1.1s, baz=78, slow=5.8, SNR=228					13 57 40.1	-4.0
AKASG	comp-Z, 1.1nm, 0.5s, baz=89, slow=1.8, SNR=5.7					14 02 12.1	+0.7
AKASG	comp-Z, 1.0nm, 0.9s, baz=74, slow=4.8, SNR=3.1					14 07 24.1	-0.5
AKASG	comp-Z, 9.2nm, 0.8s, baz=89, slow=7.7, SNR=4.3					14 08 13.9	-4.3
AKASG	comp-Z, 2.0nm, 0.7s, baz=273, slow=3.4, SNR=23					14 14 14.8	-1.0
AKASG	comp-Z, 8.5nm, 0.8s, baz=268, slow=3.8, SNR=7.5					14 17 00.6	+1.1
AKASG	comp-Z, 1.0nm, 0.6s, baz=265, slow=2.8, SNR=6.5					14 22 25.6	
AKASG	Malin Array Be	97.71	320	P	Pdf	13 57 39.9	-1.0
AKASG	comp-Z, 1.25nm, 0.9s					13 57 39.9	-1.0
AKASG	Malin Array Be	97.71	320	P	Pdf	13 57 39.3	-1.6
AKASG	Malin Array Si	97.71	320	P	Pdf	13 57 42.6	+1.3
TLCR	Turkmen	97.75	315	eP	P	13 57 41.1	+0.4
TLR	Turkmen	97.75	315	eP	P	13 57 41.1	+0.4
CTKS	Kestanelik-7?a	97.79	29	P	Pdf	13 57 40.3	-0.9
BMRM	Bremner River	97.79	29	P	Pdf	13 57 40.3	-0.9
N25K	Chitina, Valde	97.81	29	P	Pdf	13 57 41.2	-0.1
KIS	Kishinev	97.83	316	I	P	13 57 41.0	-0.6
KIS	comp-Z, 1.10nm, 1.8s					13 59 46.0	-0.7
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1.4
KIS	Kishinev	97.83	316	eP	P	14 14 14.0	+1.3
KIS	Kishinev	97.83	316	eP	P	14 45 14.0	
KIS	Kishinev	97.83	316	eP	P	13 57 41.0	-0.6
KIS	Kishinev	97.83	316	eP	P	14 00 42.0	+2.3
KIS	Kishinev	97.83	316	eP	P	14 01 58.9	-1

27d 13h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NB080 Skaup oppvekst, NB080 Skaup oppvekst, NB080 Skaup oppvekst, etc.

2015 FEB

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BEHE Beesehely, RIC1 Ricice, KALN Kalnik, etc.

1338

Table with columns for station name, frequency, mode, and signal strength. Includes stations like LJU esSdiff, LJU esS, LJU esS, etc.

K62A	Royalston	142.51	18	P	PKPdf	14 03 34.6	-0.9
L61A	Hillsdale 1, H	142.51	20	P	PKPdf	14 03 34.1	-1.5
N58A	Sunbury	142.52	24	P	PKPdf	14 03 34.1	-1.5
L61B	Northampton	142.57	19	P	PKPdf	14 03 34.4	-1.3
LRAL	Lakeview Retre	142.59	43	P	PKPdf	14 03 34.9	-1.1
057A	Ambersom	142.66	26	P	PKPdf	14 03 34.7	-1.2
VCA	Vinchina	142.66	164	eP	PKPdf	14 03 34.2	-2.3
RS4A	Victor	142.68	31	P	PKPdf	14 03 34.6	-1.4
P56A	Dayton Farm, R	142.70	28	P	PKPdf	14 03 34.9	-1.1
K63A	Dunstable	142.70	17	P	PKPdf	14 03 35.1	-0.8
SS4A	Dingess, Beckl	142.80	32	P	PKPdf	14 03 35.3	-1.0
N59A	State Game Lan	142.83	23	P	PKPdf	14 03 35.4	-0.8
HRV	Adam Dzewonsk	142.86	17	P	PKPdf	14 03 35.6	-0.6
HRV	Adam Dzewonsk	142.86	17	PKIKP	PKPdf	14 03 36.1	-0.1
HRV	Adam Dzewonsk	142.86	17	PKIKP	PKPdf	14 03 36.1	-0.1
Q56A	Snyder Ridge,	142.90	28	P	PKPdf	14 03 35.3	-1.1
M60A	Port Jervis	142.91	22	P	PKPdf	14 03 35.5	-0.8
L62A	Suffield	142.95	19	P	PKPdf	14 03 35.7	-0.6
NL2A	Canela	142.98	190	eP	PKPdf	14 03 33.8	-3.1
NL2A	Canela	142.98	190	eP	PKPdf	14 03 36.6	-0.3
058A	Lewisberry	143.03	25	P	PKPdf	14 03 35.8	-0.8
P57A	Homestead Farm	143.09	27	P	PKPdf	14 03 35.9	-0.8
N60A	Cedar Hill Far	143.13	22	P	PKPdf	14 03 36.2	-0.5
G003	Copiap	143.14	161	iP	PKPbc	14 03 35.2	-0.2
G003	Copiap	143.14	161	PKPbf	PKPdf	14 03 38.3	+1.0
IT0B	Itaqui	143.18	181	eP	PKPbc	14 03 35.5	+0.1
IT0B	Itaqui	143.18	181	eP	PKPbc	14 03 36.1	+0.7
059A	Robeson	143.18	24	P	PKPdf	14 03 36.2	-0.6
M61A	Granite Spring	143.23	21	P	PKPdf	14 03 36.5	-0.3
Q57A	Strasburg	143.27	28	P	PKPab	14 03 35.1	0.0
M62A	Hamden	143.41	20	P	PKPab	14 03 34.8	-0.6
TER01	Tubaro-SC	143.41	192	eP	PKPab	14 03 35.2	-0.7
TER01	Tubaro-SC	143.41	192	eP	PKPab	14 03 37.4	-0.2
L63A	North Scituate	143.43	18	P	PKPbc	14 03 35.7	-0.1
P4L	Palisades	143.45	21	P	PKPbc	14 03 35.9	+0.1
U54A	Nelsons Funny	143.47	34	P	PKPab	14 03 35.5	-0.5
060A	Telford	143.49	23	P	PKPab	14 03 35.8	0.0
YLE	Yale	143.51	20	P	PKPab	14 03 34.7	-1.1
N61A	South Mountain	143.52	21	P	PKPbc	14 03 36.3	+0.2
L64A	Middleborough	143.59	17	P	PKPbc	14 03 36.5	+0.3
BRAL	Brewton	143.63	45	P	PKPdf	14 03 37.7	-0.1
N62A	Caumsett State	143.67	21	P	PKPbc	14 03 36.8	+0.3
P59A	Jarrettsville	143.67	25	P	PKPab	14 03 36.4	-0.2
Q58A	Fox Den Farm,	143.68	27	P	PKPab	14 03 36.6	0.0
BLA	Blacksburg	143.71	32	P	PKPab	14 03 36.6	-0.3
M63A	Gales Ferry	143.72	19	P	PKPab	14 03 36.6	0.0
L65A	Cape Cod Natio	143.73	16	P	PKPab	14 03 36.7	0.0
S57A	Natural Bridge	143.79	30	P	PKPbc	14 03 36.8	-0.3
RS6A	Standarville	143.81	29	P	PKPdf	14 03 37.6	-0.3
P60A	Greenville	143.83	24	P	PKPbc	14 03 37.0	0.0
M64A	Tiverton	143.84	18	P	PKPab	14 03 37.3	+0.3
RG3	Lake Jocassee	143.91	37	P	PKPbf	14 03 38.0	-0.2
N63A	Mattituck	143.94	19	P	PKPbc	14 03 37.2	-0.1
M65A	Busby, Falmout	143.97	17	P	PKPbc	14 03 37.4	-0.1
061A	Allentown	144.01	22	P	PKPab	14 03 37.8	0.0
S57A	Dark Hollow, R	144.03	30	P	PKPbc	14 03 37.7	-0.1
T56A	Rocky Mt	144.05	31	P	PKPbc	14 03 37.8	-0.1
RS8A	Rapidan	144.05	28	P	PKPab	14 03 38.0	-0.1
AC02	Marionuca	144.19	162	iP	PKPbf	14 03 40.0	+0.0
Q59A	Harwood	144.20	26	P	PKPab	14 03 38.6	0.0
U56A	King	144.38	33	P	PKPdf	14 03 39.2	+0.2
RS8B	Mineral	144.38	28	P	PKPbc	14 03 38.9	0.0
CBN	Corbin Frederi	144.42	27	P	PKPbc	14 03 38.8	-0.1
CBN	Corbin Frederi	144.42	27	P	PKPdf	14 03 39.1	+0.1
M66A	Nantucket	144.42	16	P	PKPbc	14 03 38.7	-0.1
T57A	Hurt	144.47	31	P	PKPdf	14 03 39.0	-0.1
RS9A	King George, V	144.54	27	P	PKPbc	14 03 39.3	0.0
SS8A	Poland Farm, P	144.58	29	P	PKPbc	14 03 39.5	0.0
GOGA	Godfrey	144.65	39	P	PKPab	14 03 40.3	-0.2
V56A	Mocksville	144.72	33	P	PKPdf	14 03 39.6	0.0
R60A	Leonardtown, M	144.72	26	P	PKPbc	14 03 39.9	0.0
KM5C	Kings Mountain	144.74	35	P	PKPbc	14 03 40.0	0.0
061A	Milford	144.74	24	P	PKPbc	14 03 40.1	+0.2
S59A	Mechanicsville	144.81	28	P	PKPbc	14 03 40.2	0.0
U57A	Blanch	144.86	31	P	PKPbc	14 03 40.4	0.0
T58A	Grand View Acr	144.87	30	P	PKPbc	14 03 40.6	+0.2
V57A	Coltrane Farms	145.05	32	P	PKPbc	14 03 40.7	-0.2
S60A	Water View	145.15	27	P	PKPbc	14 03 41.5	+0.3
W56A	Indian Trail	145.22	34	P	PKPbc	14 03 41.3	-0.1
ITAB	Concordia	145.22	188	eP	PKPbc	14 03 41.7	0.0
AHML	Horro Molle	145.22	168	iP	PKPbc	14 03 42.1	+0.2
U58A	Oxford	145.29	31	P	PKPbc	14 03 41.3	-0.4
J5C	Jenkinsville	145.39	36	PKP2	PKPbc	14 03 42.0	0.0
J5C	Jenkinsville	145.39	36	PKPbc	PKPbc	14 03 42.0	0.0
V58A	Windy Hill, PI	145.47	32	P	PKPbc	14 03 42.0	-0.2
W57A	Gilead	145.48	34	P	PKPbc	14 03 42.3	0.0
T60A	Surry	145.58	28	P	PKPbc	14 03 42.5	+0.1
GO02	Mina Guanaco	145.60	160	iP	PKPbc	14 03 42.9	-0.4
GO02	Mina Guanaco	145.60	160	iP	PKPbc	14 03 43.8	+0.5
RTAL	Retalhuleu	145.72	75	eP	PKPbc	14 03 43.5	0.0
HUEH	Huehuetanagon	145.78	74	iP	PKPbf	14 03 42.4	+0.1
PB14	IPOC Station P	145.81	159	iP	PKPbf	14 03 44.4	+0.4
TIGA	Tifton	145.84	42	P	PKPbc	14 03 43.5	+0.1
U60A	Pendleton	145.92	29	P	PKPbc	14 03 43.1	-0.3
SACV	Santiago Islan	145.93	286	PKIKP	PKPbc	14 03 46.5	-0.1
V59A	Middlesex	145.94	31	P	PKPbc	14 03 43.2	-0.3
PAYG	Puerto Ayora	146.35	102	PKIKP	PKPbc	14 03 45.7	+0.3
PAYG	Puerto Ayora	146.35	102	PKIKP	PKPbc	14 03 47.6	0.0

U61A	Possum Corner	146.37	28	P	PKPbc	14 03 44.5	-0.2
V60A	Jim Taylor Roa	146.43	30	P	PKPbc	14 03 44.6	-0.3
TJ01	Guarua-PR	146.48	194	eP	PKPdf	14 03 43.4	+0.4
TJ01	Guarua-PR	146.48	194	eP	PKPdf	14 03 44.2	+1.2
CPUP	Villa Florida	146.51	180	PKPbc	PKPdf	14 03 44.4	-1.0
CPUP	comp=Z,197nm,0.9s,baz=202,slow=4.0,SNR=96			PKPbc	PKPdf	14 05 53.0	+0.2
CPUP	comp=Z,42nm,1.1s,baz=352,slow=6.1,SNR=4.8			PKPbc	PKPdf	14 04 22.3	+0.4
CPUP	Villa Florida	146.51	180	PKPbc	PKPdf	14 03 44.7	-0.7
CPUP	Villa Florida	146.51	180	PKPbc	PKPdf	14 03 43.9	+0.5
CPUP	Villa Florida	146.51	180	PKPbc	PKPdf	14 03 45.0	-0.6
CNCC	Cliffs of the	146.53	31	P	PKPbc	14 03 45.0	-0.2
X59A	McDuffie Farm,	146.67	33	P	PKPbc	14 03 45.2	-0.4
PB10	IPOC Station P	146.77	158	iP	PKPbf	14 03 44.8	+1.3
PB10	IPOC Station P	146.77	158	iP	PKPbc	14 03 45.5	-0.7
NH5C	New Hope	146.86	36	P	PKPbc	14 03 45.4	-0.7
PT01	Hanham-SP	147.00	197	eP	PKPbc	14 03 44.7	+0.9
PT01	Hanham-SP	147.00	197	eP	PKPbc	14 03 45.7	+1.0
X60A	Albert Glenn T	147.00	32	P	PKPbc	14 03 45.1	-1.4
NETF	Flores	147.02	70	eP	PKPdf	14 03 43.9	-0.1
W61A	Ground Anchor	147.03	30	P	PKPbc	14 03 45.2	-1.3
CAM01	Campos-RJ	147.09	208	eP	PKPbc	14 03 46.0	-1.0
CAM01	Campos-RJ	147.09	208	eP	PKPbc	14 03 45.5	+1.5
MAN01	Angra dos Reis	147.17	203	eP	PKPbc	14 03 46.5	-0.8
MAN01	Angra dos Reis	147.17	203	eP	PKPbc	14 03 46.2	-1.1
VB01	Vassouras-RJ	147.20	207	eP	PKPbc	14 03 45.6	+1.3
DUB01	Friburgo-RJ	147.20	207	eP	PKPbc	14 03 46.0	-1.4
V62A	Hyde County Ai	147.23	28	P	PKPbc	14 03 46.1	-0.9
Z59A	Georgetown, SC	147.29	35	P	PKPbc	14 03 46.1	-1.1
PARB	Paraibuna	147.35	201	eP	PKPdf	14 03 45.0	+0.5
PARB	Paraibuna	147.35	201	eP	PKPdf	14 03 46.0	+1.5
VB15	IPOC Station P	147.45	159	iP	PKPbf	14 03 46.3	+1.5
VAS01	Vassouras-RJ	147.45	205	eP	PKPbc	14 03 45.5	+0.1
PB05	Vassouras-RJ	147.45	205	eP	PKPbc	14 03 47.2	-0.9
TEIG	Tepich	147.57	64	eP	PKPbc	14 03 48.9	+0.6
TEIG	Tepich	147.57	64	eP	PKPbc	14 03 46.6	-1.8
ALF01	Guarapari-ES	147.67	210	eP	PKPdf	14 03 46.2	+1.2
ALF01	Guarapari-ES	147.67	210	eP	PKPdf	14 03 45.7	+0.8
ENET	Ensenada	147.65	189	eP	PKPdf	14 03 47.5	+1.7
PTGB	Pitanga	147.68	189	eP	PKPdf	14 03 45.2	+0.2
SPB	Sao Paulo	147.70	197	eP	PKPdf	14 03 46.2	+1.2
RTR	El Retiro	147.70	197	eP	PKPbc	14 03 47.0	-1.6
RTR	El Retiro	147.70	197	eP	PKPbc	14 03 47.4	-1.8
CEVE	Cerro Verde	147.81	76	eP	PKPdf	14 03 47.3	+1.7
CEVE	Cerro Verde	147.81	76	eP	PKIKP	14 03 50.9	0.0
CEVE	Cerro Verde	147.81	76	eP	IAML	14 04 13.1	
CEVE	Cerro Verde	147.81	76	eP	PKPdf	14 03 47.3	+1.7
CEVE	Cerro Verde	147.81	76	eP	PKIKP	14 03 50.9	0.0
SNJE	San Jose	147.82	76	eP	PKPbc	14 03 46.5	+0.9
SNJE	San Jose	147.82	76	eP	PKPbc	14 03 46.5	+0.9
PN06	IPOC Station P	147.87	159	iP	PKPbf	14 03 46.7	+1.2
ESQ1	Esquipulas	147.97	74	iP	PKPdf	14 03 46.1	+0.4
ESQ1	Esquipulas	147.97	74	iP	PKPbc	14 03 46.1	+0.4
MT03	Montecristo	147.98	75	eP	PKPdf	14 03 47.7	-1.2
MT03	Montecristo	147.98	75	eP	PKPdf	14 03 44.7	-1.2
PB04	IPOC Station P	148.00	158	iP	PKPbf	14 03 47.0	+1.3
JAYA	Jayaque - finc	148.00	76	eP	PKPbc	14 03 48.3	-1.5
JAYA	Jayaque - finc	148.00	76	eP	PKPbc	14 03 48.3	-1.5
CEDA	San Andres	148.03	76	eP	PKPdf	14 03 47.9	+1.8
TACO	Tacachico	148.05	75	eP	PKPdf	14 03 46.6	+0.9
TACO	Tacachico	148.05	75	eP	PKPdf	14 03 44.9	-0.9
LALI	Alcaldea de L	148.15	76	eP	PKPbc	14 03 48.1	-1.9
LALI	Alcaldea de L	148.15	76	eP	PKPbc	14 03 48.1	-1.9
BOOS	Boqueron	148.15	76	eP	PKPbc	14 03 47.9	+1.7
LVC	Limon Verde	148.19					

27d 15h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like WSI Waingapu, BANI Baing, Sumba, KDI Kendari, KAPI Kappang, etc.

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like QIZ Qiongzong, SRK Srakaew, STKA Stephens Creek, etc.

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like RAMN Ramite, SNY Shenyang, HHC Hu-ho-hao-te, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ABKAR, NRIK, SRIK, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MNTX, EYMS, ECSD, etc.

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

Additional information and notes at the bottom of the page, including a list of call signs and frequencies.

27d 16h

TAP	baz=300	i	S	Sn	16 19 27.9 -0.1	
YM01	YM01	0.45 310	S	Sn	16 19 26.6 -1.5	
YM11	YM11	0.46 312	P	Pn	16 19 17.6 +0.7	
YM11	baz=314		S	Sn	16 19 28.0 -0.3	
YM10	YM10	0.46 311	P	Pn	16 19 17.3 +0.4	
YM10	baz=312		S	Sn	16 19 28.3 0.0	
YM05	YM05	0.46 312	P	Pn	16 19 17.5 +0.5	
YM05	baz=313		S	Sn	16 19 29.8 +1.4	
YM08	YM08	0.46 316	P	Pn	16 19 17.2 +0.3	
YM08	baz=317		S	Sn	16 19 27.4 -0.9	
ENA	ENAN	0.47 204	i	P	Sn	16 19 17.4 +0.6
ENA	baz=203		i	S	Sn	16 19 29.0 +0.7
NDT	Datong Townshi	0.47 237	i	P	Sn	16 19 17.9 +1.0
NDT	baz=250		i	S	Sn	16 19 29.0 +0.7
YM04	YM04	0.47 309	P	Pn	16 19 17.3 +0.3	
YM04	baz=313		S	Sn	16 19 27.3 -1.1	
BACT	New Taipei Cit	0.48 287	P	Pn	16 19 18.0 +1.1	
BACT	baz=289		S	Sn	16 19 29.4 +1.0	
YM03	YM03	0.49 311	P	Pn	16 19 17.5 +0.3	
ANP	ANPU	0.51 310	i	P	Sn	16 19 17.4 +0.2
ANP	baz=312		i	S	Sn	16 19 29.7 +0.8
TWY	Chenhua	0.52 323	i	P	Sn	16 19 18.0 +0.8
TWY	baz=325		i	S	Sn	16 19 18.3 +0.9
TWS1	Kuangyingshan	0.54 297	i	P	Sn	16 19 31.0 +1.8
TWS1	baz=302		i	S	Sn	16 19 18.2 +0.8
NTST	Danshui	0.54 304	i	P	Sn	16 19 30.9 +1.6
NTST	baz=306		i	S	Sn	16 19 18.0 +0.4
YHNB	Yeheng	0.55 250	P	Pn	16 19 28.3 -0.3	
YHNB	baz=254		S	Sn	16 19 19.1 +0.4	
NSK	Sanguang	0.56 251	i	P	Sn	16 19 29.4 -0.3
NSK	baz=254		i	S	Sn	16 19 18.9 +1.0
NTY	Taoyuan	0.60 284	P	Pn	16 19 31.9 +1.7	
NTY	baz=285		S	Sn	16 19 19.2 +0.6	
NNS	Nan Shan	0.67 232	i	P	Sn	16 19 32.0 +0.7
NNS	baz=238		S	Sn	16 19 19.2 +0.6	
NNSB	Datong	0.67 230	P	Pn	16 19 31.8 +0.4	
NNSB	baz=237		S	Sn	16 19 19.3 +0.7	
NNSH	Datong	0.67 230	i	P	Sn	16 19 31.9 +0.6
NNSH	baz=237		i	S	Sn	16 19 19.6 +0.9
NCU	National Centr	0.70 279	i	P	Sn	16 19 32.7 +1.1
NCU	baz=281		i	S	Sn	16 19 19.4 +0.7
NCUH	Zhongli	0.70 279	i	P	Sn	16 19 32.4 +0.8
NCUH	baz=281		i	S	Sn	16 19 19.1 -0.2
NACB	Ninganchiao	0.75 205	P	Pn	16 19 32.3 -0.2	
NACB	baz=207		S	Sn	16 19 20.0 +0.4	
ETLH	Xiulin Townshi	0.77 213	P	Pn	16 19 32.4 -0.7	
ETLH	baz=223		S	Sn	16 19 20.5 +0.9	
NJD	Zhudong	0.79 261	P	Pn	16 19 34.0 +0.8	
NJD	baz=255		S	Sn	16 19 33.2 -0.7	
TWD	Chiawan	0.84 202	i	P	Sn	16 19 21.0 +0.8
TWD	baz=211		i	S	Sn	16 19 35.0 +0.8
HSN1	Hsinchu	0.85 265	P	Pn	16 19 21.2 +0.7	
HSN1	baz=257		S	Sn	16 19 34.6 +0.0	
LIOB	Emei	0.87 256	P	Pn	16 19 32.1 +0.8	
LIOB	baz=250		S	Sn	16 19 21.0 +0.8	
SBCB	Hsinchu	0.87 266	i	P	Sn	16 19 35.0 +0.8
SBCB	baz=267		S	Sn	16 19 34.6 +0.0	
FUSS	Fushou	0.88 227	P	Pn	16 19 31.0 +0.8	
FUSS	baz=267		S	Sn	16 19 21.7 +0.9	
NSTT	Nanjuang	0.89 255	i	P	Sn	16 19 36.1 +0.9
NSTT	baz=249		i	S	Sn	16 19 21.2 +0.6
HSN	Hsinchu	0.89 267	i	P	Sn	16 19 34.8 +0.1
HSN	baz=261		i	S	Sn	16 19 20.9 +0.3
TWT	Tachien	0.92 230	i	P	Sn	16 19 34.9 -0.1
TWT	baz=225		i	S	Sn	16 19 22.4 +1.2
HWA	Hwalien	0.93 200	i	P	Sn	16 19 36.6 +0.7
HWA	baz=191		S	Sn	16 19 21.2 +0.2	
TDCB	Techi	0.94 230	P	Pn	16 19 35.9 +0.2	
TDCB	baz=231		S	Sn	16 19 35.9 +0.2	
WHF	Hehuan Shan	0.94 221	i	P	Sn	16 19 22.3 +1.0
WHF	baz=216		i	S	Sn	16 19 37.0 +0.9
NJN	Zhunan	0.99 260	P	Pn	16 19 22.4 +0.8	
NJN	baz=256		S	Sn	16 19 37.0 +0.3	
JYNG	Yonagunijimaku	1.00 114	P	Pn	16 19 22.6 +0.9	
JYNG	baz=111		S	Sn	16 19 37.5 +0.6	
YOJ	Yonaguni jima	1.05 112	P	Pn	16 19 22.1 +0.3	
YOJ	baz=111		S	Sn	16 19 36.6 -0.3	
CHGB	Renai	1.06 222	P	Pn	16 19 22.9 +0.6	
CHGB	baz=216		S	Sn	16 19 22.7 +0.4	
WHP	Taichung City	1.08 238	i	P	Sn	16 19 37.5 -0.4
WHP	baz=238		i	S	Sn	16 19 23.6 +0.8
NMLH	Miaoli	1.10 253	i	P	Sn	16 19 38.5 -0.2
NMLH	baz=254		i	S	Sn	16 19 23.8 +1.0
ESL	Shilin	1.14 204	P	Pn	16 19 39.0 +0.3	
ESL	baz=204		S	Sn	16 19 23.8 +0.9	
NSY	Sanyi	1.16 248	i	P	Sn	16 19 39.1 +0.1
NSY	baz=248		i	S	Sn	16 19 22.5 -0.9
NSY	baz=248		i	S	Sn	16 19 24.8 +1.1
NSY	baz=248		i	S	Sn	16 19 41.0 +0.7

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TWQ1	Liyutan	1.18 245	i	P	Pn	16 19 24.6 +0.7
TWQ1	baz=245		i	S	Sn	16 19 40.8 +0.1
WPL	Puli Township	1.23 227	P	Pn	16 19 25.9 +1.4	
WPL	baz=235		S	Sn	16 19 41.9 +0.2	
WCS	Beigang Elemen	1.23 230	P	Pn	16 19 25.6 +1.1	
WCS	baz=236		S	Sn	16 19 42.3 +0.6	
DPDB	Guoxing	1.24 229	P	Pn	16 19 25.6 +1.0	
DPDB	baz=237		S	Sn	16 19 42.6 +0.6	
EGFH	Guangfu	1.27 202	i	P	Pn	16 19 26.2 +1.2
EGFH	baz=207		i	S	Sn	16 19 25.9 +0.8
WDJ	Dajia District	1.29 247	P	Pn	16 19 43.3 +0.3	
WDJ	baz=240		i	S	Sn	16 19 26.5 +1.0
VWDT	VWDT	1.32 214	P	Pn	16 19 44.3 +0.7	
VWDT	baz=209		S	Sn	16 19 27.0 +1.0	
TCU	Taichung	1.35 239	i	P	Pn	16 19 43.0 -1.4
TCU	baz=239		i	S	Sn	16 19 27.3 +1.2
SMLT	Sun Moon Lake	1.36 225	i	P	Pn	16 19 46.1 +1.4
SMLT	baz=232		S	Sn	16 19 27.6 +1.4	
TYC	Yuchr	1.37 226	i	P	Pn	16 19 45.6 +0.9
TYC	baz=233		i	S	Sn	16 19 27.4 +1.0
WWF	Wufeng	1.40 235	P	Pn	16 19 46.6 +1.3	
WWF	baz=242		S	Sn	16 19 27.6 +1.1	
SSLB	Suanguilung	1.40 221	P	Pn	16 19 46.6 +1.2	
SSLB	baz=231		S	Sn	16 19 27.5 +0.5	
HGSD	Ruisui	1.44 199	P	Pn	16 19 46.6 +0.4	
HGSD	baz=202		S	Sn	16 19 26.4 -0.9	
EHY	Hungye	1.46 203	i	P	Pn	16 19 28.2 +0.7
EHY	baz=203		i	S	Sn	16 19 47.6 +0.5
WCHH	Zhanghua	1.48 239	i	P	Pn	16 19 29.0 +1.4
WCHH	baz=239		i	S	Sn	16 19 48.0 +0.6
WNT1	Nantou City	1.49 231	P	Pn	16 19 28.8 +1.0	
WNT1	baz=239		S	Sn	16 19 48.5 +0.8	
WNT	Mingjian	1.51 230	i	P	Sn	16 19 28.5 +0.6
WNT	baz=238		i	S	Sn	16 19 48.6 +0.8
WJS	Zhushan	1.52 227	i	P	Pn	16 19 29.5 +1.4
WJS	baz=237		i	S	Sn	16 19 49.8 +1.7
WHYT	Xinyi Township	1.53 221	P	Pn	16 19 29.7 -0.8	
WHYT	baz=229		i	S	Sn	16 19 29.9 +0.8
YULB	Yu-li	1.57 202	P	Pn	16 19 28.5 -0.6	
YULB	baz=195		S	Sn	16 19 31.2 +1.3	
EYUL	Yuli	1.61 201	e	P	Sn	16 19 54.2 +2.9
EYUL	baz=205		e	S	Sn	16 19 32.5 +1.9
TWF1	Yul	1.61 202	e	P	Sn	16 19 54.8 +2.4
TWF1	baz=206		e	S	Sn	16 19 31.6 +1.2
YUS	Yu-Shan	1.64 214	i	P	Sn	16 19 53.7 +1.4
YUS	baz=207		i	S	Sn	16 19 30.4 +0.1
ALS	Alishan	1.70 218	i	P	Sn	16 19 51.7 -0.4
ALS	baz=226		i	S	Sn	16 19 30.2 -0.3
CHN5	Tsuling	1.71 223	i	P	Sn	16 19 52.2 -0.2
CHN5	baz=223		i	S	Sn	16 19 31.5 +1.0
CHN5	baz=223		i	S	Sn	16 19 54.1 +1.7
IRIF	Iriomote-Funau	1.71 107	P	Pn	16 19 30.4 +0.1	
IRIF	baz=107		S	Sn	16 19 51.7 -0.4	
WRL	Guolierin Hig	1.72 237	P	Pn	16 19 30.2 -0.3	
WRL	baz=236		S	Sn	16 19 52.2 -0.2	
WGK	Gukeng	1.72 228	i	P	Sn	16 19 31.5 +1.0
WGK	baz=237		i	S	Sn	16 19 54.1 +1.7
WDLH	Douliu	1.73 228	i	P	Sn	16 19 31.5 +0.9
WDLH	baz=237		i	S	Sn	16 19 54.0 +1.3
RLNB	Erin	1.74 237	P	Pn	16 19 31.3 +0.6	
RLNB	baz=236		S	Sn	16 19 53.8 +1.0	
FULB	Ful	1.75 200	e	P	Sn	16 19 32.0 +1.0
FULB	baz=192		e	S	Sn	16 19 54.3 -0.2
WTCT	Ta-ch'eng	1.81 237	e	S	Sn	16 19 31.6 -0.2
WTCT	baz=237		e	S	Sn	16 19 53.3 -1.6
CHKT	Chengkung	1.83 197	i	P	Sn	16 19 32.6 +0.6
CHKT	baz=199		i	S	Sn	16 19 55.4 +0.3
WTK	Tuku	1.84 231	P	Pn	16 19 33.2 +0.7	
WTK	baz=231		S	Sn	16 19 57.0 +1.1	
ELDTW	Lidau	1.86 207	i	P	Sn	16 19 33.2 +0.7
ELDTW	baz=202		i	S	Sn	16 19 57.0 +1.1
HATJ	Hateruma jima	1.87 115	P	Pn	16 19 33.4 +1.0	
HATJ	baz=115		S	Sn	16 19 56.3 +0.4	
CHN2	Minshiu	1.88 226	S	Sn	16 19 57.4 +1.3	
CHN2	baz=234		S	Sn	16 19 34.6 +1.3	
CHY	Chiayi	1.94 226	P	Pn	16 19 58.5 +1.0	
CHY	baz=234		S	Sn	16 19 34.5 +1.2	
CHN4	Tsaulshan	1.94 220	i	P	Sn	16 19 59.5 +1.0
CHN4	baz=219		i	S	Sn	16 19 34.5 +0.8
TPUB	Ta-pu	1.96 218	P	Pn	16 19 58.7 +0.7	
TPUB	baz=218		S	Sn	16 19 33.7 0.0	
EDH	Donghe	1.97 197	P	Pn	16 19 57.1 -1.0	
EDH	baz=199		S	Sn	16 19 34.6 +0.8	
JKRS	Kuro-shima	1.98 108	P	Pn	16 19 58.2 -0.1	
JKRS	baz=108		S	Sn	16 19 59.8 +1.3	
WSF	Szhu	1.99 233	S	Sn	16 19 35.3 +1.3	
WSF	baz=232		S	Sn	16 20 00.5 +1.9	
STYH	Taoyuan	1.99 213	P	Pn	16 19 35.7 +1.5	
STYH	baz=223		S	Sn	16 20 01.9 +2.8	
STYT	Tauyuan	2.01 213	P	Pn	16 19 35.6 +1.3	
STYT	baz=223		S	Sn	16 20 01.2 +1.9	
WTP	Ta-pu	2.01 217	P	Pn	16 19 35.3 +0.5	
WTP	baz=217		S	Sn	16 19 59.2 -1.1	
JJJ	Ishigaki jima	2.06 103	P	Pn	16 19 36.1 +1.0	
JJJ	baz=103		S	Sn	16 20 01.2 +0.6	
TKW	Hsinying	2.07 220	P	Pn	16 19 35.4 +0.4	
TKW	baz=220		S	Sn		
PTTC	Pingtian	2.07 288	e	P	Pn	
PTTC	baz=289		e	S	Sn	

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LONT	Longtian	2.08 201	e	P	Pn	16 19 34.2 -1.0
LONT	baz=196		e	S	Sn	16 19 58.3 -2.5
CHN1	Nanchi	2.11 218	S	Sn	16 20 02.1 +0.6	
CHN1	baz=218		S	Sn	16 19 38.0 +2.2	
ICHU	Yijhu	2.13 226	P	Pn	16 20 03.4 +1.6	
ICHU	baz=236		S	Sn	16 19 36.5 +0.2	
SGST	Jiashian	2.16 215	P	Pn	16 20 03.2 +0.5	
SGST	baz=223		S	Sn	16 19 37.1 +0.9	
JISG	Ishigakijimahi	2.17 97	P	Pn	16 20 02.5 -0.3	
JISG	baz=97		S	Sn		

Table with columns: JTS, Las Juntas de, 7.66 116 Pn, 16 21 24.4 -1.3, etc.

IDC 27 16:24:47.0.0.4, 17.06N:145.84E, h0km, mb4.9/340, mb1.4/9/41, mb1mx4.8/48, mbmp4.8/41, ML4.6/1, MS5.0/47, MS1.5/0/47, ms1mx4.9/51, Error ellipse: s-maj=11.8km s-min=9.4km az=107.0

Table with columns: Code, Station Name, Az, Op, ISC, h, m, s, ISC, Res, ANA2, Anatahan, 0.70 194 P, 16 25 02.1 -1.6, etc.

Table with columns: CAUP, Cauayan, 23.02 273 eP, 16 29 54.9 +0.8, SKMP, Bagumbayan, Su, 23.34 246 eP, 16 29 57.4 0.0, etc.

Table with columns: YSS, comp=Z,2um,17.0s, MLR, MLR, YSS, comp=E,3um,15.0s, MLR, MLR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like DUG, KIV, H17A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like FURI, SGRT, MURB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like H11S2, H11N1, H11N2, etc.

27d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATAB, KAMA, KUZU, ANDM, DARE, MALT, URFA, ADANA, SAIM, SANL, KZT, CEYT, ELZG, CMRD.

IDC 27 16:39:54.6:1.6, 44.31N:105.52W, h0km, mb1.3, 7/3, mb1mx3.3/57, mbmp3.4/3, ML2.9/2, Error ellipse: s-maj=46.5km s-min=9.6km az=144.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RSSD, K22A, LAO, RLMT, RWWY, PHWY, GCMT, PD31, PDAR, PDAR, H17A, FLYW, SHOW, SNOW, LRM, PV22, I0CA, ULM, ULM, YKA.

IDC 27 16:40:36.3:0.8, 16.98N:146.07E, h0km, mb3.9/10, mb1.4/2/10, mb1mx3.8/54, mbmp3.9/10, Error ellipse: s-maj=26.5km s-min=17.5km az=115.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANA2, GUMO, JCW, JOW, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, MJAR, JHS, SJL, YULB, KSRS, COEN, WB0, WRAB, WB2, WB2, FITZ, AS31, ASAR, ASAR, CMAR, CMAR, MKAR, ILAR.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, H0S2, YKA, NVAR, LPAZ, WRA, FITZ, ASAR, CMAR, INK, NVAR, LPAZ.

IDC 27 16:41:12.8:1.0, 16.84N:145.82E, h0km, mb4.1/7, mb1.4/4/7, mb1mx3.8/55, mbmp4.2/7, Error ellipse: s-maj=42.0km s-min=21.4km az=121.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANA2, GUMO, JCW, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, JAY, MJAR, SJL, SSSL, TPUB, KRSR, PMG, SSE, WHN, BJI, CTA, PEAOB, PETK, PETK, XAN, XAN, WRO, WRO, SARU, WRAB, WRB, WBA, FITZ, CD2, KMI, AS31, ASAR, ASAR, DZM, DZM, SONM, CMAR, CMAR, MSVF, STKA, LSA, TAPN, ODAM, RADN, GUN, PKI, PKIN, DMN, GKN, ZSN, ZALV, ZALV, MKAR, MKAR.

IDC 27 16:40:41.0:1.7, 16.94N:108.046E, h10km, n2/3, r1940/26, mb4.0/14, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANA2, GUMO, JCW, JOW, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, MJAR, JHS, SJL, YULB, KSRS, COEN, WB0, WRAB, WB2, WB2, FITZ, AS31, ASAR, ASAR, CMAR, CMAR, MKAR, ILAR.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAK2, OHAK, SVW2, SVW2, KDAK, KDIAK, KDIAK, TATA, SHLS, SEM, BRK, BRLK, KPKS, PPLA, PPLA, SATY, SKT, SKT, TDK, SUA, SUA, IMAR, BKZ, BKZ, BPAW, TRF, TRF, MDOK, CHHK, AAA, SML, KUU, COLD, RPZ, EYAK, EYAK, ILAR, ILAR, TOLK, BTLS, SUCK, SUCK, VRDI, VRDI, CRQM, DOT, DOT, MCARA, MCARA, TGL, TGL, BALM, BMAR, BMAR, CTGM, CTGM, TBLR, TBLR, DZA, DZA, KKAR, KKAR, IUG, IUG, HNT, HNT, HO2S1, DLBC, ABKAR, GEYT, YKA, NVAR, FINES, PDAR, LPAZ.

IDC 27 16:45:15.9:0.4, 17.06N:145.96E, h0km, mb4.4/32, mb1.4/5/32, mb1mx4.4/54, mbmp4.4/32, MS4.9/9, Ms1.4/5.9, ms1mx4.1/43, Error ellipse: s-maj=14.8km s-min=9.3km az=101.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANA2, GUMO, JCW, JOW, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, MJAR, JHS, SJL, YULB, KSRS, COEN, WB0, WRAB, WB2, WB2, FITZ, AS31, ASAR, ASAR, CMAR, CMAR, MKAR, ILAR.

IDC 27 16:45:17.8:0.3, 17.03N:105.146E, h10km, n2/3, r1930/249, mb4.9/93, MS4.9/9, 2C-2D, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANA2, GUMO, JCW, JOW, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, MJAR, JHS, SJL, YULB, KSRS, COEN, WB0, WRAB, WB2, WB2, FITZ, AS31, ASAR, ASAR, CMAR, CMAR, MKAR, ILAR.

27d 17h

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time Res, h, m, s, ISC. Includes stations like 522A 4UR Ranch, ISCO Idaho Springs, MDND Haddock, Q24A Divide, etc.

IDC 27 16:51:58.1-0.5, 17:01N:146.06E, h0km, mb4.2/21, mb1.4/21, mb1mx4.2/44, mbtmp4.2/21, Error ellipse: s-maj=20.7km s-min=11.9km az=96.0

NEIC 27 16:52:01.3-1.8, 16:99N:0.07-145.95E:0.1, h18km, 4km, mb4.8/26, Error ellipse: s-maj=20.7km s-min=9.5km az=103.0

ISC 27 16:52:01.0-1.4, 17:00N:0.05-146.07E:0.08, h10km, n95, a=141/93, mb4.5/45, 1C, Mariana Islands

Main station list for 27d 17h, including stations like ANA2 Anatahan, GUMO Guam, PATS Pohneh, JOW Kunigami, etc.

2015 FEB

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

IDC 27 17:22:50.9-0.8, 16:90N:146.06E, h0km, mb3.7/13, mb1.4/13, mb1mx3.8/43, mbtmp3.7/13, Error ellipse: s-maj=25.3km s-min=17.9km az=106.0

NEIC 27 17:22:52.4-1.8, 17:01N:0.08-146.06E:0.1, h6km, 5km, mb4.7/34, Error ellipse: s-maj=15.9km s-min=11.5km az=79.0

ISC 27 17:22:52.9-0.6, 16:92N:0.08-146.11E:0.1, h10km, n64, a=151/56, mb4.6/28, Mariana Islands

Main station list for 2015 FEB, including stations like ANA2 Anatahan, GUMO Guam, PATS Pohneh, etc.

1354

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time Res, h, m, s, ISC. Includes stations like WMQ, MK31, MKAR, etc.

IDC 27 17:36:47.5-0.4, 16:96N:145.95E, h0km, mb4.2/30, mb1.4/31, mb1mx4.2/62, mbtmp4.2/31, M4.5.1/1, MS4.1/9, MS1.4/19, ms1mx3.7/38, Error ellipse: s-maj=14.8km s-min=10.7km az=95.0

NEIC 27 17:36:51.5-1.3, 16:95N:0.06-145.90E:0.09, h21km, 5km, mb4.9/141, Error ellipse: s-maj=12.6km s-min=8.7km az=90.0

ISC 27 17:36:50.0-0.3, 16:97N:0.05-145.93E:0.06, h10km, n262, a=191/252, mb4.9/114, MS4.1/12, 1D, Mariana Islands

Main station list for 1354, including stations like ANA2 Anatahan, GUMO Guam, PATS Pohneh, etc.

27d 18h

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SVW2 Sparrevohn, TTA Talalina, KDKA Kodiak Island, etc.

ADC 27 17:42:19.9-0.8, 17.004N:146.02E, h0km, mb3.8/9, mb1 4.2/9, mb1mx3.7/57, mbtm3.8/9, Error ellipse: s-maj=32.3km s-min=19.6km az=120.0

NEIC 27 17:42:22.2-1.8, 17.000N:0.05-145.90E:0.10, h15km, 4km, mb4.6/45, ML4.0/6, Error ellipse: s-maj=13.4km s-min=7.9km az=88.0

ISC 27 17:42:21.6-0.5, 17.000N:0.06-145.90E:0.09, h10km, n76, r1502/69, mb4.5/31, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ANA2 Anatahan, GUMO Guam, JCY Chichijima, etc.

2015 FEB

Table with columns: TABL, Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BCAR Beaver Creek A, KK31 Kararay Array, etc.

NNC 27 17:45:03.5-1.9, 38.76N:70.20E, h0km, mb3.8, mpy3.5, Error ellipse: s-maj=16.2km s-min=13.0km az=48.0

ISC 27 17:45:02.3-3.3, 38.6N:0.2-70.1E:0.1, h10km, n12, r082/14, 5C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayush, KK31 Kararay Array, etc.

ADC 27 18:03:45.7-0.9, 16.96N:145.97E, h0km, mb3.5/7, mb1 3.9/7, mb1mx3.6/41, mbtm3.5/7, MS3.4/1, m1mx2.8/31, Error ellipse: s-maj=34.8km s-min=23.5km az=119.0

NEIC 27 18:03:48.0-2.9, 16.98N:0.05-145.9E:0.1, h10km, 1km, mb4.6/15, Error ellipse: s-maj=19.2km s-min=8.0km az=100.0

ISC 27 18:03:47.6-0.6, 16.93N:0.08-145.9E:0.1, h10km, n37, r121/30, mb4.4/15, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ANA2 Anatahan, GUMO Guam, JOW Kunigami, etc.

1356

Table with columns: SUJI, BATI, FITZ, WRA, ASAR, CMAR, MKAR. Includes station names and coordinates.

ADC 27 18:12:13.5-1.6, 27.81S:70.93W, h0km, mb3.9/1, mb1 3.9/2, mb1mx3.6/17, mbtm3.8/2, ML3.8/1, Error ellipse: s-maj=103.4km s-min=53.1km az=110.0

NEIC 27 18:12:13.3-2.0, 27.27S:70.04W:71.41W:0.09, h10km, 1km, mb4.4/3, ML3.6(GUC), Error ellipse: s-maj=14.2km s-min=4.9km az=248.0

ADC 27 18:12:13.8-0.8, 27.34S:71.31W, h25km, 6km, ML3.6, GUC 27 18:12:12.4-1.5, 27.23S:70.04W:71.35W:0.06, h10km, 10km, r1502/65, mb4.5/3, 1C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AC04 Llanos de Chal, G003 Copiap, AC04 Llanos de Chal, etc.

MAN 27 18:40:11.1, 14:11N:19:92E, h33km, mb4.0, ML2.8, MS2.4, 1D, Luzon

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
						h m s	ISC
LUBP	Lubang	0.49	140	eP	Pn	18 40 23.0	+1.3
LUGP				eS	Sn	18 40 31.0	+1.9
MACP	Marangondon, Ca	0.79	179	eP	Pn	18 40 25.7	-0.2
MACP				eS	Sn	18 40 36.4	-0.1
PGP	Puerto Galera	1.17	121	eP	Pn	18 40 33.3	+0.5
PGP				eS	Sb	18 40 48.6	+0.9
SMPP	San Manuel, Pa	2.16	20	eP	Pn	18 40 45.8	+0.9
SMPP				eS	Sb	18 41 11.3	+0.9
ENPP	El Nido	2.93	190	eP	Pn	18 40 56.0	+0.7

IDC 27 18:42:13.6±0.8, 16:91N:146:09E, h0km, mb3.8/10, mb1.4, 1/10, mb1mx3.7/62, mbtimp3.1/10, Error ellipse: s-maj=27.4km s-min=20.2km az=121.0
NEIC 27 18:42:16.1±1.0, 16:88N:07:146:00E:0:10, h14km, 5km, mb4.5/11, Error ellipse: s-maj=15.4km s-min=6.1km az=122.0

ISC 27 18:42:15.4±0.7, 16:91N:09:146:00E:0:1, h10km, n33, n37/25, mb4.1/15, Mariana Islands

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
						h m s	ISC
ANAO	Anatohan	0.64	208	Pg	Pb	18 42 27.8	-0.9
GUAM	Guam	3.49	199	Pn	Pn	18 43 10.1	+0.5
H1S3	WAKE ISLAND Hy	19.75	82	T	T	19 07 23.5	
H1S1	WAKE ISLAND Hy	19.76	82	T	T	19 07 25.5	
H1S2	WAKE ISLAND Hy	19.77	82	T	T	19 07 26.0	
H1N1	WAKE ISLAND Hy	20.00	79	T	T	19 07 41.8	
H1N2	WAKE ISLAND Hy	20.01	79	T	T	19 07 42.3	
H1N3	WAKE ISLAND Hy	20.02	79	T	T	19 07 43.2	
HAKI	Fak Fak	23.94	216	P	P	18 47 31.8	+1.8
FKAI				Iamb	Iamb	18 47 35.0	
KSR5	Korea Array	25.95	326	P	P	18 47 47.9	-0.1
KSAR	Wonju Array Be	25.96	326	P	P	18 47 47.1	-1.0
BJT	Bajitjatu	34.64	318	P	P	18 49 05.3	+0.4
BJT				Iamb	Iamb	18 49 25.8	
WRO	Warramunga Arr	38.34	198	P	P	18 49 36.7	0.0
WRA	Warramunga Arr	38.38	198	P	P	18 49 37.0	0.0
ASAR	Allice Springs	42.03	197	P	P	18 50 06.7	-0.6
CMAR	Chiang Mai Arr	44.79	279	P	P	18 50 29.8	0.0
CMAR	Chiang Mai Arr	44.79	279	P	P	18 50 29.6	-0.1
MKAR	Makanchi Array	59.93	315	P	P	18 52 22.4	+0.6
MAKZ	Makanchi	60.14	315	P	P	18 52 23.0	-0.2
OHAK	Old Harbor	60.16	313	P	P	18 52 23.1	0.0
TTA	Tatalina	60.70	26	P	P	18 52 28.2	+1.4
TTA				Iamb	Iamb	18 52 40.9	
ILAR	Eielson Array	65.17	26	P	P	18 52 55.1	-0.9
NIL	Niire	66.68	300	P	P	18 53 06.8	0.0
KKAR	Karatay Array	68.15	310	P	P	18 53 15.1	-0.8
INK	Inuvik	70.89	23	P	P	18 53 32.4	+0.1
INK	Inuvik	70.89	23	Iamb	Iamb	18 53 33.3	
YKA	Yellowknife Arr	79.42	28	P	P	18 54 22.0	+0.4
PINE	Pine Mountain	80.64	47	P	P	18 54 29.0	+0.2
PINE				Iamb	Iamb	18 54 32.6	
NVAR	Minna Array Bea	83.99	52	P	P	18 54 46.6	+0.1
HLID	Hailey	85.24	46	P	P	18 54 53.7	+1.0
HLID				Iamb	Iamb	18 54 56.1	
ELK	Elko	85.56	49	P	P	18 54 53.1	-1.3
ELK	Elko	85.56	49	Iamb	Iamb	18 54 57.5	
LPAZ	La Paz	147.28	94	PKPbc	PKPbc	19 02 00.2	-0.7
LPAZ				Iamb	Iamb	19 02 00.2	-0.7

RSNC 27 19:00:10.9±1.1, 17:17N:77:81W, h138km, 6km, ML3.2, Mw3.9, Fault plane solution: NPT:10.00000°, 378.00000°, 162.00000°
NEIC 27 19:00:10.7±2.1, 17:07N:09:77W:0:10, h113km, 18km, mb4.0/9, Error ellipse: s-maj=18.1km s-min=11.8km az=107.0

ISC 27 19:00:10.4±0.9, 17:19N:04:77W:0:05, h142km, 7km, n37, n161/52, mb4.0/3, 1C-6D, Colombia

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
						h m s	ISC
CCUF1	Cufio, Nario	0.44	85	eP	Pn	19 00 31.1	0.0
GCUF	Volcan Galeras	0.44	85	eP	Sb	19 00 46.5	-0.4
GCUF				eS	Sn	19 01 04.5	
GCUF				eP	Pn	19 00 31.0	-0.2
CPAS1	Pasto	0.99	33	eP	Pn	19 00 34.1	-0.4
BBAC	Baiboa, Cauca	0.99	33	eS	Sn	19 00 52.1	-0.4
BBAC				eS	Sn	19 00 58.1	
TUMC	Tumaco	1.14	304	eP	Pn	19 00 35.8	+0.1
TUMC				eS	Sn	19 01 24.3	+0.6
OTAV	Otavallo	1.16	215	Pn	Pn	19 00 35.4	-1.0
OTAV				eS	Sn	19 00 55.0	-1.2
OTAV	Otavallo	1.16	215	eS	Sn	19 00 54.9	-1.2
OTAV				eS	Sn	19 01 01.3	
SOTA	Rioblanco	1.51	51	eP	Pn	19 00 40.8	+0.8
SOTA				eS	Sn	19 01 03.3	+1.3
POPC	Popayan, Colom	1.74	39	eP	Pn	19 00 41.8	-0.5
POPC				eS	Sn	19 01 06.2	-0.5
POPC				eS	Sn	19 01 16.3	
PCON	Cincoas	1.79	51	eP	Pn	19 00 43.9	+0.7
GR1C	Gorgona, Isla	1.84	348	eP	Pn	19 00 42.7	-0.6
GR1C				eS	Sn	19 01 06.0	-2.4
GR1C				eS	Sn	19 01 08.5	
FLOC	Florencia	2.17	79	eP	Pn	19 00 47.1	+0.1
FLOC				eS	Sn	19 01 14.6	-0.6
FLOC				eS	Sn	19 01 19.4	
MARP	Paez Belalcaza	2.46	48	eP	Pn	19 00 51.7	+0.7
MARP				eS	Sn	19 01 30.4	
GARC	Garzon, Huila	2.50	66	eP	Pn	19 00 51.8	+0.5
GARC				eS	Sn	19 01 13.1	
BETO	Betania	2.77	58	eP	Pn	19 00 56.0	+1.4
MALC	Bahia Malaga	2.84	9	eP	Pn	19 00 55.8	+0.3
MALC				eS	Sn	19 01 29.9	-0.4
MALC				eS	Sn	19 01 37.9	
YOTO	Yotoco, Valle	3.13	27	eP	Pn	19 00 58.3	-0.9
YOTO				eS	Sn	19 01 35.5	-1.5
PTLC	Puerto Leguiza	3.15	109	eP	Pn	19 00 59.3	-0.1
PRAC	Prado	3.83	49	eP	Pn	19 01 08.6	+0.3
PRAC				eS	Sn	19 01 52.0	-1.2
PRAC				eS	Sn	19 02 12.0	
PLMC	San Jos del P	3.99	22	eP	Pn	19 01 08.5	-1.9
PLMC				eS	Sn	19 01 52.1	-4.9
PLMC				eS	Sn	19 01 57.9	
MACC	Macarena, Meta	4.05	76	eP	Pn	19 01 10.9	-0.2
MACC				eS	Sn	19 02 09.2	
ANIL	Santa Ana	4.05	36	eP	Pn	19 01 11.0	-0.4

TOLC	Tolima	4.18	36	eP	Pn	19 01 12.4	-0.7
TOLC				eS	Sn	19 01 57.6	-4.2
GUY2C	Guyana, Caldas	4.68	31	eP	Sb	19 01 18.4	-1.5
GUY2C				eS	Sn	19 02 14.2	+0.3
GUY2C				eS	Sn	19 02 16.0	
ROSC	El Rosal	5.01	44	Pn	Pn	19 01 22.9	-1.3
BCIP	Isla Barro Col	8.19	346	Pn	Pn	19 02 09.9	+3.5
BCIP				Sb	Sn	19 03 37.9	+0.4
SDV	Santo Domingo	10.45	43	Pn	Pn	19 02 35.2	-1.6
SAMU	Samuel	17.69	125	Pn	Pn	19 04 05.5	-1.5
SAMU				Iamb	Iamb	19 04 07.8	
DR12	Loma Pena Alta	19.34	25	P	P	19 04 27.6	+2.7
LPAZ	La Paz	19.81	152	P	P	19 04 29.7	-0.9
ACPR	Arcibolo Observ	20.20	32	P	P	19 04 37.2	+3.1
MTP	Monte Pirata	20.62	35	Pn	Pn	19 04 42.5	+0.5
MTP				Iamb	Iamb	19 04 51.7	
CUPR	Culebra, Puert	20.98	35	P	P	19 04 45.6	+3.1
PB16	IPOC Station P	21.04	158	P	P	19 04 43.1	-0.7
PB16				Iamb	Iamb	19 04 50.3	
MNMC	Minye Minye	21.73	159	P	P	19 04 51.0	+0.1
MNMC				Iamb	Iamb	19 04 54.5	
PSGCX	Pisagua	21.98	160	P	P	19 04 54.9	+1.6
PSGCX				Iamb	Iamb	19 04 58.8	
CPUR	Culebra, Puert	20.98	35	P	P	19 04 45.6	+3.1
IPOC	IPOC Station P	21.04	158	P	P	19 04 43.1	-0.7
IPOC				Iamb	Iamb	19 04 50.3	

IDC 27 19:02:38.7±0.5, 37:04S:52:43E, h0km, mb4.2/21, mb1.4, 3/22, mb1mx4.2/42, mbtimp4.2/22, ML3.7/1, Ms4.2/21, Ms1.4, 2/21, ms1mx4.0/39, Error ellipse: s-maj=19.6km s-min=12.7km az=29.0
BUI 27 19:02:41.8±0.0, 37:10S:52:51E, h12km, mb5.2/13, mb4.6/23, Ms5.2/2, Ms7.5/1, 2
NEIC 27 19:02:41.4±2.2, 37:00S:0:08:52E:0:1, h14km, 3km, mb4.9/57, Error ellipse: s-maj=14.0km s-min=11.5km az=73.0
GCMT 27 19:02:44.0±4.0, 37:06S:0:02:52E:0:03, h23km, 2km, Mw5.2/76, Moment Tensor Solution, s12, c13; s76, c95; Duration: 19.0 Moment tensor: Scale 10^16Nm; M1: 3.59±.85; Mw: 0.69±.49; Ms: 2.89±.57; Mw: 1.12±.65; Mw: 6.78±.30; Mw: 1.66±.75; Best double couple; Mo: 7.545000×10^16 NPT:10.00000°, 368.00000°, 152.00000°, 1-24.00000°. NP2:10.100000°, 368.00000°, 152.00000°. Principal axes: T: 8.6840, P: 3.0000, N: -2.2840, P: 6.5500, Azm: 360.0000, P: -6.4060, P: 3.0000, Azm: 222.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27 19:02:40.5±0.3, 37:10S:0:06:52E:0:06, h10km, n144, n127/122, mb4.8/52, Ms4.3/24, 1C South Indian Ocean

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
						h m s	ISC
CRZF	Crozet Islands	9.33	182	Pn	Pn	19 04 53.9	-1.1
ABPO	Ambohimpanom	18.57	345	P	P	19 06 58.5	+0.4
OPO	Ambohidratompo	19.01	345	P	P	19 07 01.6	-1.1
OPO				S	Sn	19 07 29.0	-7.3
OPO				LR	LR	19 11 28.8	
BOSA	Boshof	24.23	283	P	P	19 07 57.4	-0.4
BOSA				LR	LR	19 10 07.4	
BOSA				LR	LR	19 16 07.4	
BOSA				LR	LR	19 07 57.8	0.0
LBTB	Labatse	25.81	290	P	P	19 08 12.8	+0.8
LBTB				LR	LR	19 10 15.2	
LBTB				Iamb	Iamb	19 08 13.2	+1.1
LBTB				Iamb	Iamb	19 08 27.0	
SUR	Sutherland	26					

27d 22h

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BODT, KULA, KYMI, DEMI, etc.

2015 FEB

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MURB, AKASG, ZCCA, CTI, etc.

1362

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NATA, ALFC, AKMS, etc.

27d 23h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UDBS, LFU, AEIL, LBRS, COEG, CMIG, etc.

2015 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JCT, SOTA, ORTC, OTAV, etc.

1364

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Z59A, W52A, FNO, V48A, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like ATAH Atahualpa, V59A Middlesex, SLM Saint Louis, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like MCWV Mont Chateau, MCWV Mont Chateau, M44A Midewin, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like ECSD EROS Data Cent, M58A Price's Panora, KNB Kanab, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like OHAK Old Harbor, SUA Susitna One, MCK McKinley, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KHC Kasperske Hory, ABTA Abfallersbach, GEC2 GERESS Array S, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like URZ Urewera, URZ Hauiti, URZ Black Stump Fm, etc.

RSPR 27 23:48:54.8, 1793N-66.87W, h15km±1km, MD2.3/7, 6C-6D, Puerto Rico region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like GBRP Guanica, GBRP Guanica, GBRP Guanica, etc.

IDC 27 23:51:21.4±3.5, 31°01'S:178°81'W, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.8/17, mbmtpr3.8/3, Error ellipse: s-maj=176.1km s-min=37.5km az=158.0

NEIC 27 23:52:13.2±2.0, 32°15'01"N:179°22'01"E, h393km±12km, mb4.2/1.0, Error ellipse: s-maj=21.1km s-min=8.6km az=208.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MXZ Matakaoa Point, OUZ Omahuta, etc.

ROM 27 23:57:38.6±0.1, 43.061N:0.0003E:13.013E±0.005, h15km, ML1.6/5, 3C-3D, Error ellipse: s-maj=0.4km s-min=0.2km az=269.0, Central Italy

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like FDMO Fiordimonte, FDMO Fiordimonte, FDMO Fiordimonte, etc.

KRNET 27 23:59:24.9±0.1, 41°65'N:74°89'E, h19km, mb3.5

SOME 27 23:59:25.0, 41°67'N:74°85'E, h10km

NINC 27 23:59:25.9±1.0, 41°69'N:74°82'E, h0km, mb4.0, mpv3.8, Error ellipse: s-maj=6.8km s-min=4.2km az=21.0

ISC 27 23:59:24.5±1.0, 41°65'N:0.003E:73.7489E±0.02, h17km±9km, n61, ±1916.9, 28C-26D, Kyrgyzstan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ARLS Aral, ARLS Aral, UCH Uchtor, etc.

Table of astronomical observations for 28d Oh, listing station names, coordinates, and observation times.

Table of astronomical observations for 2015 FEB, listing station names, coordinates, and observation times.

Table of astronomical observations for 1370, listing station names, coordinates, and observation times.

Technical notes and metadata for the 1370 observations, including station names and coordinates.

Table of astronomical observations for 1370, listing station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Ouz, SANVU, URWZ, MSWZ, ORZ, etc.

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

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

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

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

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

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

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Code Station Name Az Az' Phase ID Time Res
SARIN Sarigan 0.31 211 P P 01 02 58.7 +0.2
ANAZ Ansalahan 0.67 200 P P 01 03 07.2 +0.2

Table with columns: KMI, comp, Z, Freq, Az, El, SNR, P, S, I, A, M, B, etc. Rows include stations like Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: KDAK, Kodiak Island, 60.67, 33, Iamb, Iamb, 01 13 25.9, etc. Rows include stations like Kodiak Island, Talatina, Talatina, etc.

Table with columns: YAH, Uhtse, 66.65, 31, Iamb, Iamb, 01 14 04.3, etc. Rows include stations like Uhtse, Barnard Glacie, China Glacier, etc.

Table with columns: AHID, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Auburn Hatcher, Cedar City, Red Lodge, etc.

HEL 28 01:05:11.7, 67.84N, 19.95E, h0km, ML 1.6, Explosion UPP 28 01:05:12.9, 0.1, 67.85N, 20.20E, h0km, ML 2.5, Explosion, Sweden

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

UPP 28 01:05:33.9, 0.4, 67.86N, 20.17E, h0km, ML 3.2, Explosion, Sweden

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

IDC 28 01:40:09.3, 0.8, 17.00N, 146.04E, h0km, mb 3.8/11, mb 1.4/11, mb 1mx3.9/45, mbtmp 3.8/11, MS3.4/5, Ms 1.3/5, ms 1mx3.1/34, Error ellipse: s-maj=25.8km s-min=18.5km az=113.0

NEIC 28 01:40:12.2, 1.3, 17.02N, 0.03, 145.8E, 0.1, h10km, 1km, mb 4.4/11, Error ellipse: s-maj=23.9km s-min=5.6km az=93.0

ISC 28 01:40:11.3, 0.7, 16.92N, 0.1, 146.0E, 0.1, h10km, n39, r1509,29, mb4.2/18, MS3.2/4, Mariana Islands

Main table for 2015 FEB with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANA2, JOW, H11S3, etc.

GUC 28 01:41:36.3, 0.4, 20.53S, 70.59W, h2km, 2km, ML 2.8 IDC 28 01:41:59.5, 1.1, 22.04S, 67.93W, h86km, 16km, mb 4.0/2, mb 1.3/6.5, mb 1mx3.4/28, mbtmp 3.8/5, MS3.0/1, Ms 1.3/6, ms 1mx2.5/24, Error ellipse: s-maj=34.4km s-min=20.0km az=140.0

ISC 28 01:41:34.6, 2.3, 20.51S, 0.05, 70.7W, 0.2, h22km, 11km, n23, r084/20, 1C-30, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TA01, TA02, TA03, etc.

IDC 28 02:04:54.5, 1.5, 47.40S, 165.74E, h0km, mb 3.9/4, mb 1.4/0.6, mb 1mx3.9/31, mbtmp 4.0/6, ML 7.2, MS3.5/3, Ms 1.3/5, ms 1mx3.1/26, Error ellipse: s-maj=43.2km s-min=24.3km az=159.0

ISC 28 02:04:56.3, 1.5, 47.4AS, 0.2, 165.9E, 0.2, h16km, n19, r126/14, mb3.8/4, MS3.4/3, Off west coast of South Island

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

IDC 28 02:14:52.5, 0.7, 11.81N, 142.26E, h0km, mb 3.4/17, mb 1.4/4/17, mb 1mx4.2/38, mbtmp 4.3/17, MS3.4/7, Ms 1.3/4.7, ms 1mx3.1/46, Error ellipse: s-maj=24.0km s-min=15.4km az=78.0

NEIC 28 02:14:59.5, 1.2, 11.8N, 0.1, 142.2E, 0.1, h47km, 7km, mb 4.6/42, Error ellipse: s-maj=18.5km s-min=14.0km az=114.0

ISC 28 02:14:59.9, 0.5, 11.80N, 0.08, 142.25E, 0.09, h50km, n82, r1500/70, mb4.5/44, MS3.3/8, 1C, South of Mariana Islands

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

Table with columns: STA, Gaotai, 46.50 314, eP, P, 02 23 23.3 +0.8, etc. Includes stations like Songino Array, Talaya, Yakutsk, etc.

IDC 28 02:15:11.9, 3.9, 3.77S, 143.80E, h125km, 38km, mb3.5/7, m1 3.5/10, mb1mx3.4/32, mbtmp3.8/10, MS3.3/3, Ms1 3.3/3, ms1mx2.9/26, Error ellipse: s-maj=35.5km s-min=21.0km az=102.0

ISC 28 02:15:09.5, 0.9, 3.75S, 0.1, 143.7E, 0.2, h100km, n12, s-19.22E, mb3.7/7, Near north coast of New Guinea

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

IDC 28 02:22:10.9, 3.3, 5.80S, 149.57E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.6/30, mbtmp3.9/4, ML2.4/1, MS2.8/1, Ms1 2.8/1, ms1mx2.5/31, Error ellipse: s-maj=101.8km s-min=35.7km az=114.0, New Britain region

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

ISU 28 02:25:49, 41.33N, 72.33E, h5km, Hypocentre not reviewed by the ISC
KRNET 28 02:25:50.5, 0.1, 41.31N, 72.22E, h18km, mb2.8
SOME 28 02:25:51.2, 41.33N, 72.20E, h10km
NINC 28 02:25:52.6, 1.2, 41.38N, 72.28E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=11.3km s-min=3.7km az=175.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Arslanbob, Arslanbob, Arslanbob, etc.

Table with columns: MTBS, Matube, 1.7nm, 0.2s, 3.59 58 eP, Pg, 02 26 56.9 -1.5, etc. Includes stations like Matube, Baital, Kurty, etc.

IDC 28 02:59:33.7, 0.8, 30.96N, 142.03E, h0km, mb3.6/8, mb1 3.8/12, mb1mx3.7/38, mbtmp3.6/12, ML3.3/4, Error ellipse: s-maj=28.3km s-min=17.4km az=86.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hachiojima, Chichijima, Matushiro Arr, etc.

JMA 28 03:01:37.6, 0.3, 39.65N, 143.34E, h17km, 4km, M3.4, Off east coast of Honshu

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

ECX 28 03:04:13.8, 0.8, 31.72N, 115.85W, h5km, 3km, MD2.9, ML3.2
SCEDC 28 03:04:13.7, 31.71N, 115.87W, h5km
ANF 28 03:04:13.9, 1.0, 31.78N, 115.95W, h5km, ML2.6/9, Error ellipse: s-maj=7.8km s-min=7.0km az=76.0

PAS 28 03:04:13.7, 1.4, 31.71N, 0.02, 115.87W, 0.009, h5km, 6km, ML3.2/70, ML3.0/28(NEIC), Error ellipse: s-maj=2.3km s-min=1.0km az=179.0
NEIC 28 03:04:13.3, 1.9, 31.70N, 0.02, 115.87W, 0.03, h19km, 2km, Error ellipse: s-maj=4.1km s-min=2.7km az=224.0

ISC 28 03:04:12.9, 0.9, 31.70N, 0.02, 115.85W, 0.02, h14km, 8km, n60, 0.92E/86, 4C-3D, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like San Joaquin, Valle De La Tr, Sierra Juarez, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IKP In-Ko-Pah, UABX UABX, TJG Tijuana, etc.

STR 28 03:16:12.5±0.9, 42°N±10.4E±, h0km, mb4.3/6, ML4.1/6; smi:scs:0.6/1p/CSA2 earthModellD
MOS 28 03:16:17.8±1.6, 42.07N±13.44E, h11km, mb4.2/9, Error ellipse: s-maj=6.9km s-min=3.6km az=73.3
BEO 28 03:16:17.2±0.8, 41.89N±13.28E, h6km±7km, ML4.1/6, Mining explosion.
LDG 28 03:16:17.5±0.1, 42.00N±13.55E, h17km, ML3.4/27, Error ellipse: s-maj=3.0km s-min=1.8km az=41.0
MED_RC 28 03:16:17.0±0.5, 41.85N±13.53E, h17km±1km, MW4.4/17, Moment Tensor Solution. Mantle waves: s17,c26; Duration: 1s0 Moment tensor: Scale 1015Nm; Mn-4.35±.58; Mm2.17±.35; Mm3.19±.34; Mn-1.32±.53; Mm-2.49±.16; Mm0.17±.46; Best double couple: Mw4.710000±0.15 NP1:326.00000°; 330.00000°; λ-73.00000° NP2:125.00000°; 853.00000°; λ-103.00000° Principal axes: T 4.7900, P1g7.0000°, Azm224.0000°; N -0.1600, P1g10.0000°, Azm133.0000°; P -4.6200, P1g78.0000°, Azm346.0000°; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.
NEIC 28 03:16:17.6±1.8, 41.96N±10.43E±0.07, h12km±3km Error ellipse: s-maj=8.0km s-min=5.3km az=77.0
IDC 28 03:16:18.3±0.8, 42.08N±13.38E, h0km, mb4.0/10, mb1.4, 1/21, mb1mx3.8/59, mbtmp3.9/21, ML3.7/9, MS3.4/11, Ms1.3, 5/11, ms1mx3.2/55, Error ellipse: s-maj=14.5km s-min=12.2km az=108.0
ROM 28 03:16:18.2±0.1, 41.950N±0.004±13.534E±0.005, h11km, ML3.9/1, Mw4.1, Error ellipse: s-maj=0.5km s-min=0.1km az=213.0, Moment Tensor Solution. Moment tensor: Scale 1015Nm; M1-1.30; Mm0.67; Mm0.64; Mm0.28; Mm0-1.79; Mm0-0.57; Fault plane solution: Mw2.02103×1015 NP1:106.00000°; 844.00000°; λ-134.00000° NP2:339.00000°; 860.00000°; λ-56.00000°
PDG 28 03:16:18.5±0.6, 41.98N±13.54E, h10km, ML3.9/14 Error ellipse: s-maj=0.5km s-min=0.6km az=0.0
PRU 28 03:16:20.9±0.0, 42.09N±13.61E, h0km, MA2
ISC 28 03:16:18.9±0.7, 41.961N±13.54E±0.02, h13km±4km, n468, s180/488, mb4.0/18, MS3.6/6, 49C-30D, Southern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like POFI, FAGN, T0110, AQU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LATB, RMP, RDP, CAFR, TERO, MA9, SMA1, LNSS, VAGA, ROMA, TRIV, SRES, ARRO, SGG, MODR, BSSO, PIGN, PTRJ, CESX, OFFI.

OFFI	comp=E,2790um,0.6s	AML	AML						
OFFI	comp=N,5090um,0.8s	AML	AML						
SACR S. Croce Del S	1.04 122	P	Pb	03 16 37.9	-0.8				
SACR	comp=N,4635um,0.7s	AML	AML						
SACR	comp=N,4750um,0.7s	AML	AML						
SACR	comp=E,3635um,0.9s	AML	AML						
SACR	comp=E,3675um,0.9s	AML	AML						
GATE Gambatesa	1.12 113	AML	AML						
GATE	comp=E,4955um,0.5s	AML	AML						
GATE	comp=E,2195um,1.6s	AML	AML						
GATE	comp=N,2955um,1.2s	AML	AML						
GATE	comp=N,2950um,1.2s	AML	AML						
VITU Vitulano (BN)	1.12 133	AML	AML						
VITU	comp=E,2300um,1.4s	AML	AML						
VITU	comp=N,8520um,0.4s	AML	AML						
VITU	comp=E,8455um,0.4s	AML	AML						
VITU	comp=N,8260um,0.4s	AML	AML						
FDMO Fiordimonte	1.13 343	P	Pg	03 16 39.0	-1.6				
FDMO	comp=N,4465um,1.3s	AML	AML						
FDMO	comp=E,5280um,0.6s	AML	AML						
GUMA Gualdo di Mace	1.14 15	AML	AML						
GUMA	comp=N,2455um,0.6s	AML	AML						
GUMA	comp=E,2285um,1.6s	AML	AML						
GUMA	comp=E,2285um,1.6s	AML	AML						
GUMA	comp=N,2525um,0.5s	AML	AML						
GUMA	comp=E,3100um,0.5s	AML	AML						
CESI CESI - Serrava	1.15 336	P	Pb	03 16 40.0	-0.7				
CESI	comp=E,7465um,0.5s	AML	AML						
CESI	comp=N,3690um,0.6s	AML	AML						
TOLF TOLFA	1.15 276	P	Pg	03 16 38.7	-2.3				
TOLF	comp=E,3195um,0.9s	AML	AML						
TOLF	comp=N,3100um,1.2s	AML	AML						
PAOL Paolisi	1.20 140	P	Pb	03 16 40.8	-0.8				
PAOL	comp=N,2315um,1.6s	AML	AML						
PAOL	comp=N,3420um,1.3s	AML	AML						
PAOL	comp=N,3455um,1.3s	AML	AML						
PAOL	comp=N,3455um,1.3s	AML	AML						
MELA Melanico ??? S	1.21 101	AML	AML						
MELA	comp=E,2370um,1.6s	AML	AML						
MELA	comp=E,6200um,1.1s	AML	AML						
MELA	comp=E,5880um,1.2s	AML	AML						
MELA	comp=N,8375um,0.4s	AML	AML						
MELA	comp=N,8260um,0.4s	AML	AML						
ASSB Assisi San Ben	1.27 329	AML	AML						
ASSB	comp=E,6045um,0.7s	AML	AML						
MRB1 Monte Rocchett	1.36 127	P	Pg	03 16 43.2	-1.8				
MRB1	comp=N,6985um,0.9s	AML	AML						
MRB1	comp=N,7515um,0.7s	AML	AML						
MRB1	comp=E,7040um,0.5s	AML	AML						
MRB1	comp=E,6970um,0.5s	AML	AML						
MRB1	comp=N,7310um,0.7s	AML	AML						
SNTG Esanatoglia	1.37 341	P	Pb	03 16 44.0	-0.4				
SNTG	comp=N,482um,0.7s	AML	AML						
SNTG	comp=E,3930um,0.7s	AML	AML						
SNTG	comp=N,3645um,0.6s	AML	AML						
SNTG	comp=E,514um,0.7s	AML	AML						
ATCC AVT- Casa Cast	1.40 332	AML	AML						
ATCC	comp=N,9195um,0.7s	AML	AML						
ATCC	comp=E,10085um,0.9s	AML	AML						
EL6 Elcito	1.41 347	P	Pb	03 16 44.5	-0.6				
EL6	comp=E,6990um,0.7s	AML	AML						
EL6	comp=N,9120um,1.5s	AML	AML						
PP3 Marolino	1.42 2	P	Pb	03 16 44.9	-0.3				
PP3	comp=E,9995um,1.6s	AML	AML						
PP3	comp=N,10335um,1.0s	AML	AML						
PP3	comp=N,10150um,1.0s	AML	AML						
PP3	comp=N,10150um,1.0s	AML	AML						
MGAB Montegabbione	1.43 313	P	Pb	03 16 44.7	-0.6				
MGAB	comp=E,9480um,1.0s	AML	AML						
MGAB	comp=E,4450um,0.6s	AML	AML						
MGAB	comp=N,4620um,1.1s	AML	AML						
MGAB	comp=N,5255um,0.7s	AML	AML						
MGAB	comp=E,4535um,0.6s	AML	AML						
CING Cingoli	1.44 350	P	Pn	03 16 44.6	-0.2				
CING	comp=E,4880um,1.6s	AML	AML						
CING	comp=N,3285um,0.7s	AML	AML						
LATE Laterza	1.45 298	P	Pn	03 16 44.0	-0.8				
LATE	comp=N,1595um,0.6s	AML	AML						
LATE	comp=N,3285um,0.7s	AML	AML						
LATE	comp=N,1595um,0.6s	AML	AML						
LATE	comp=E,1015um,1.0s	AML	AML						
FOSV Fossato di Vic	1.46 337	AML	AML						
FOSV	comp=N,4935um,0.6s	AML	AML						
FOSV	comp=E,4400um,1.4s	AML	AML						
TREM Isole Tremiti	1.48 83	P	Pg	03 16 45.4	-1.9				
TREM	comp=N,10425um,0.5s	AML	AML						
TREM	comp=E,7005um,0.5s	AML	AML						
SACS San Casciano d	1.50 307	P	Pb	03 16 46.0	-0.6				
SACS	comp=E,2310um,1.0s	AML	AML						
SACS	comp=N,3665um,0.9s	AML	AML						
SACS	comp=E,2440um,0.9s	AML	AML						
SACS	comp=N,3735um,0.9s	AML	AML						
MURB Monte Urbano	1.51 331	AML	Pb	03 16 46.6	-0.1				
ATTE AVT- Monte Tez	1.52 325	AML	AML						
ATTE	comp=N,3785um,1.6s	AML	AML						
CAFE Carife	1.58 125	P	Pb	03 16 47.1	-0.8				
CAFE	comp=N,2655um,1.2s	AML	AML						
CAFE	comp=E,3190um,1.3s	AML	AML						
CAFE	comp=N,2710um,1.2s	AML	AML						
CAFE	comp=E,3225um,1.3s	AML	AML						
ATFO Monte Foce - G	1.58 333	P	Pg	03 16 47.5	-1.7				
ATFO	comp=N,3115um,0.6s	AML	AML						

ATFO	comp=E,4320um,1.6s	AML	AML						
SSFR Montelago di S	1.58 340	P	Pg	03 16 47.7	-1.5				
SSFR	comp=N,2375um,0.6s	AML	AML						
SSFR	comp=E,3625um,1.3s	AML	AML						
SSFR	comp=E,3420um,1.3s	AML	AML						
SSFR	comp=N,2740um,1.6s	AML	AML						
SGTA Sant Agata di	1.60 120	AML	AML						
SGTA	comp=N,2135um,1.2s	AML	AML						
SGTA	comp=E,2290um,1.3s	AML	AML						
SGTA	comp=E,2310um,0.7s	AML	AML						
SGTA	comp=N,1970um,1.2s	AML	AML						
ARVD Arcevia	1.60 344	P	Pb	03 16 47.7	-0.7				
ARVD	comp=E,2255um,0.7s	AML	AML						
ARVD	comp=N,1795um,0.7s	AML	AML						
MCIV Monte Civitell	1.61 301	P	Pn	03 16 46.9	-0.1				
MCIV	comp=E,1405um,1.5s	AML	AML						
MCIV	comp=N,950um,1.4s	AML	AML						
SNAL S. Angelo Dei	1.62 129	AML	AML						
SNAL	comp=E,4280um,1.6s	AML	AML						
SNAL	comp=N,2795um,1.3s	AML	AML						
SNAL	comp=E,4355um,1.6s	AML	AML						
SNAL	comp=N,2845um,1.3s	AML	AML						
ATVO AVT- Monte Val	1.65 330	AML	AML						
ATVO	comp=E,3070um,0.7s	AML	AML						
ATVO	comp=N,2985um,1.6s	AML	AML						
SGRT San Giovanni R	1.66 96	P	Pn	03 16 47.6	-0.1				
SGRT	comp=N,3245um,0.5s	AML	AML						
SGRT	comp=N,2715um,0.6s	AML	AML						
SGRT	comp=N,3245um,0.5s	AML	AML						
MCRV Calabretti - M	1.70 133	P	Pn	03 16 48.5	+0.2				
MCRV	comp=E,1442um,0.5s	AML	AML						
MCRV	comp=N,1700um,1.2s	AML	AML						
ATPI Pietralunga -	1.71 331	AML	AML						
ATPI	comp=E,2840um,1.6s	AML	AML						
ATPI	comp=N,2590um,0.7s	AML	AML						
PIEI Pieia	1.74 335	P	Pb	03 16 49.7	-1.1				
PIEI	comp=N,2275um,0.8s	AML	AML						
PIEI	comp=E,1370um,0.5s	AML	AML						
SENI Senigallia	1.76 353	AML	AML						
SENI	comp=N,4770um,0.9s	AML	AML						
SENI	comp=N,8640um,0.5s	AML	AML						
SENI	comp=E,3330um,0.8s	AML	AML						
MPAG Monte Paganuc	1.77 341	AML	AML						
MPAG	comp=E,2540um,0.9s	AML	AML						
MPAG	comp=N,2675um,0.8s	AML	AML						
ARCI Arcidosso	1.77 301	P	Pn	03 16 49.9	+0.6				
ARCI	comp=E,576um,1.6s	AML	AML						
ARCI	comp=N,490um,1.3s	AML	AML						
MSAG Monte S. Angel	1.79 97	P	Pb	03 16 50.3	-1.2				
MSAG	comp=N,6520um,1.5s	AML	AML						
MSAG	comp=N,6510um,1.5s	AML	AML						
MSAG	comp=E,2945um,1.2s	AML	AML						
MSAG	comp=E,2795um,1.2s	AML	AML						
CAFI Castiglion Fio	1.80 320	AML	AML						
CAFI	comp=N,2410um,0.8s	AML	AML						
CAFI	comp=E,1835um,0.9s	AML	AML						
NARO Abbazia di Nar	1.80 337	AML	AML						
NARO	comp=E,1295um,0.7s	AML	AML						
NARO	comp=N,1875um,0.7s	AML	AML						
APEC Apecchio	1.80 333	P	Pb	03 16 50.9	-0.8				
APEC	comp=E,2730um,1.1s	AML	AML						
APEC	comp=N,1125um,0.7s	AML	AML						
APEC	comp=E,542um,0.6s	AML	AML						
APEC	comp=N,4455um,0.7s	AML	AML						
BADI Badiail	1.82 329	P	Pb	03 16 50.9	-1.2				
BADI	comp=E,3900um,0.9s	AML	AML						
BADI	comp=N,2695um,0.8s	AML	AML						
FSSB Fossombrone	1.82 342	AML	AML						
FSSB	comp=E,3770um,0.5s	AML	AML						
FSSB	comp=N,4335um,0.6s	AML	AML						
VULT Monte Vulture	1.85 122	P	Pn	03 16 51.0	+0.6				
VULT	comp=E,2510um,0.9s	AML	AML						
VULT	comp=E,2565um,0.9s	AML	AML						
VULT	comp=N,2410um,1.0s	AML	AML						
VULT	comp=N,2365um,1.6s	AML	AML						
PE3 Peglio	1.90 337	AML	AML						
PE3	comp=E,5350um,0.7s	AML	AML						
PE3	comp=N,6630um,0.6s	AML	AML						
SSP9 Sansepolcro	1.92 328	P	P						

28d 3h

Table with columns: OBN, Obsnisk, 20.02, 41 eP, P, 03 20 51.0 -0.2. Includes various station names like Obsnisk, Moscow, FINES, etc.

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Table with columns: PATCX, IPOC Station P, 1.20, 161, /P, S, Sn. Includes various station names like Diego Aracena, IPOC Station P, etc.

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Table with columns: TORD, Torodi Ar. Bea, 78.93, 71, P, P, 03 42 49.8 -0.2. Includes various station names like Torodi Ar. Bea, WARRAMUNGA ARR, etc.

IDC 28 03:17:59.01.8, 2.32N, 123.22E, h411km, 20km, mb3.4/9, mb1 3.5/10, mb1mx3.1/44, mbtmp4.2/10, Error ellipse: s-maj=39.3km s-min=10.2km az=73.0

ISC 28 03:17:57.0-0.8, 2.24N, 109.1231E, 0.3, h400km, n10, o1879/13, mb3.6/8, Celebes Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res. Includes stations like Baumata, BATI, FITZ, etc.

NEIC 28 03:46:7.2, 17.77S, 70.66W, h23km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr:0.05, Mss:0.03, Mtt:0.56, Mss:0.46, Mrr:1.77, Fault plane solution: M2.820000-1015, NP1.164.210000, 565.720000, 1.86.460000, NP2.352.780000, 824.520000, 1.97.800000, Principal axes: T 2.7547, Plg69.0000, Az767.0000, N 0.1192, Plg3.0000, Azm166.0000, P -2.8739, Plg21.0000, Azm257.0000.

NEIC 28 03:47.3, 2.1, 21.76S, 0.03, 70.63W, 0.05, h21km, 4km Error ellipse: s-maj=6.8km s-min=3.7km az=98.0

GUC 28 03:48.1, 0.7, 21.75S, 70.61W, h30km, 8km, ML4.3 VAO 28 03:50.3, 1.7, 21.88S, 70.83W, h47km, 7km, mb4.5

IDC 28 03:52.4, 2.7, 21.57S, 70.32W, h47km, 25km, mb3.6/9, mb1 3.9/12, mb1mx3.7/33, mbtmp3.9/12, ML3.9, MS3.4/6, Ms1 3.4/6, ms1mx3.2/26, Error ellipse: s-maj=24.9km s-min=22.7km az=92.0

ISC 28 03:46.7-0.8, 0.8, 21.71S, 0.02, 70.62W, 0.04, h16km, 5km, n120, o1949/133, mb4.1/12, MS3.4/3, 5C-8D, Near coast of northern Chile

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

SJA 28 03:45:24.0, 0.7, 36.80S, 73.64W, h10km, ML4.5, MW4.3 GUC 28 03:45:32.9, 0.5, 36.88S, 72.99W, h36km, 2km, ML5.1, IDC 28 03:45:33.1, 0.5, 36.84S, 72.86W, h31km, 3km, mb4.2/15, mb1 4.3/18, mb1mx4.2/30, mbtmp4.3/18, ML4.2/3, MS3.7/6, Ms1 3.7/6, ms1mx3.6/16, Error ellipse: s-maj=19.7km s-min=12.9km az=76.0

NEIC 28 03:45:33.1, 0.3, 36.85S, 0.06, 73.04W, 0.08, h36km, 2km, Error ellipse: s-maj=9.4km s-min=8.0km az=95.0 VAO 28 03:46:02.2, 1.4, 35.87S, 71.97W, h32km, 13km, mb4.4, ISC 28 03:45:32.1, 0.5, 36.84S, 0.04, 73.15W, 0.03, h30km, 2km, Hnear coast of central Chile

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res. Includes stations like Tigo, Laja, San Fabin de, Sierra Bellavi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include PRAC Prado, ORTC Ortega, GUVG San Jose del G, ANIL Santa Ana, TOLC Tolima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include ULM Lac du Bonnet, ULM Lac du Bonnet, YHL Hegeg Lake, BOZ Bozeman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include NEIC 28 05:48, IDC 28 05:48, Code Station Name, etc.

ISC 28 08:24:24.9,0.9,43.62N,0.01-18.37E,0.01,h9km,gkm,
n551,c2603/809,mb4.0/16,32C-24D, Northwestern
Balkan Peninsula

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

Table with columns: ULC, Station Name, Time Res, Res ISC, and various station identifiers like PRIJ, FRUS, BEO, MORI, etc.

Table with columns: FNA, Station Name, Time Res, Res ISC, and various station identifiers like Gura Zlata, Ljubljana, CSKK, etc.

MORH		Sn	09 19 12.0 +1.5	SMOL		Lg	09 20 12.8
MORH		Lg	09 19 12.4	MOA	Molin	5.12 327	Pn
BARS	Barje	ePn	09 18 39.3 -0.1	comp=Z,1.9nm,0.1s,SNR=13			09 19 16.1 +2.8
BARS		Sn	09 19 12.6 +1.2	MOA		eSn	09 19 12.8 +0.5
BARS	Barje	ePn	09 18 39.3 -0.1	MOA	Molin	5.12 327	Pn
BARS		Sn	09 19 12.4 +1.2	comp=Z,1.9nm,0.1s,SNR=13			09 19 16.1 +2.8
MDVR	Moldovita	ePn	09 19 12.5 +0.2	MOA		Sn	09 19 12.8 +0.5
MDVR		Sn	09 18 40.6 +0.7	ABTA	Abfaltersbach	5.19 309	Pn
MDVR	Moldovita	ePn	09 18 40.6 +0.7	Abfaltersbach	5.19 309	Pn	09 19 17.0 +2.6
MDVR		Sn	09 19 12.5 +0.2	ABTA	Abfaltersbach	5.19 309	Pn
NVLJ	Novajia	ePn	09 18 42.7 -2.7	JAVC	Velka Javorina	5.27 355	ePn
NVLJ		Sn	09 18 42.7 -2.7	Velka Javorina	5.27 355	ePn	09 19 17.9 +2.4
NVLJ	Novajia	ePn	09 18 42.7 -2.7	JAVC	Velka Javorina	5.27 355	Pg
NVLJ		Sn	09 18 42.7 -2.7	Velka Javorina	5.27 355	Pg	09 19 17.9 +2.4
ZAGS	Zajecar	ePn	09 19 18.6 +0.7	LANS	Liptovska Anna	5.59 7	ePn
ZAGS		Sn	09 18 42.3 +0.6	LANS	Liptovska Anna	5.59 7	Pn
ZAGS	Zajecar	ePn	09 19 18.6 +0.7	KRUC	Moravsky	5.62 347	ePn
ZAGS		Sn	09 18 42.3 +0.6	KRUC	Moravsky	5.62 347	ePn
PTJ	Puntijarka	ePn	09 19 18.9 -2.5	KRUC	Moravsky	5.62 347	ePn
PTJ		Sn	09 18 46.9 +1.5	KRUC	Moravsky	5.62 347	ePn
PTJ	Puntijarka	ePn	09 19 18.9 -2.5	KRUC	Moravsky	5.62 347	ePn
PTJ		Sn	09 18 46.9 +1.5	KRUC	Moravsky	5.62 347	ePn
KALN	Kalinik	ePn	09 18 44.1 +1.7	KRUC	Moravsky	5.62 347	ePn
KALN		Sn	09 18 43.8 +1.4	KRUC	Moravsky	5.62 347	ePn
KALN	Kalinik	ePn	09 18 44.1 +1.7	KRUC	Moravsky	5.62 347	ePn
KALN		Sn	09 18 43.8 +1.4	KRUC	Moravsky	5.62 347	ePn
OZLJ	Ozalj	ePn	09 19 18.4 +1.7	KRUC	Moravsky	5.62 347	ePn
OZLJ		Sn	09 18 43.8 +1.4	KRUC	Moravsky	5.62 347	ePn
OZLJ	Ozalj	ePn	09 19 18.4 +1.7	KRUC	Moravsky	5.62 347	ePn
OZLJ		Sn	09 18 43.8 +1.4	KRUC	Moravsky	5.62 347	ePn
BOJS	Bojanci	ePn	09 18 44.7 +2.2	KRUC	Moravsky	5.62 347	ePn
BOJS		Sn	09 18 45.2 +2.4	KRUC	Moravsky	5.62 347	ePn
BOJS	Bojanci	ePn	09 18 44.7 +2.2	KRUC	Moravsky	5.62 347	ePn
BOJS		Sn	09 18 45.2 +2.4	KRUC	Moravsky	5.62 347	ePn
PRVS	Prvonek	ePn	09 18 44.8 +1.4	KRUC	Moravsky	5.62 347	ePn
PRVS		Sn	09 18 44.8 +1.4	KRUC	Moravsky	5.62 347	ePn
PRVS	Prvonek	ePn	09 18 44.8 +1.4	KRUC	Moravsky	5.62 347	ePn
PRVS		Sn	09 18 44.8 +1.4	KRUC	Moravsky	5.62 347	ePn
CRES	Cresnjevi	ePn	09 19 23.5 +2.6	KRUC	Moravsky	5.62 347	ePn
CRES		Sn	09 18 46.5 +1.8	KRUC	Moravsky	5.62 347	ePn
CRES	Cresnjevi	ePn	09 19 23.5 +2.6	KRUC	Moravsky	5.62 347	ePn
CRES		Sn	09 18 46.5 +1.8	KRUC	Moravsky	5.62 347	ePn
BZS	Buzias	ePn	09 19 23.5 +2.6	KRUC	Moravsky	5.62 347	ePn
BZS		Sn	09 18 46.6 +1.5	KRUC	Moravsky	5.62 347	ePn
BZS	Buzias	ePn	09 19 23.5 +2.6	KRUC	Moravsky	5.62 347	ePn
BZS		Sn	09 18 46.6 +1.5	KRUC	Moravsky	5.62 347	ePn
comp=Z,0.1nm,SNR=1.7				KRUC	Moravsky	5.62 347	ePn
BEHE	Becsehely	ePn	09 18 47.6 +2.6	KRUC	Moravsky	5.62 347	ePn
BEHE		Sn	09 19 24.4 +2.5	KRUC	Moravsky	5.62 347	ePn
BEHE	Becsehely	ePn	09 18 47.6 +2.6	KRUC	Moravsky	5.62 347	ePn
BEHE		Sn	09 19 24.4 +2.5	KRUC	Moravsky	5.62 347	ePn
comp=Z,0.6nm,SNR=6.0				KRUC	Moravsky	5.62 347	ePn
BEHE	Zavoj	ePn	09 19 24.4 +2.5	KRUC	Moravsky	5.62 347	ePn
ZAPS	Zavoj	ePn	09 18 48.1 +2.1	KRUC	Moravsky	5.62 347	ePn
ZAPS		Sn	09 19 24.7 +1.3	KRUC	Moravsky	5.62 347	ePn
ZAPS	Zavoj	ePn	09 18 48.1 +2.1	KRUC	Moravsky	5.62 347	ePn
ZAPS		Sn	09 19 24.7 +1.3	KRUC	Moravsky	5.62 347	ePn
BLKB	Belogradchik	ePn	09 19 23.8 +0.4	KRUC	Moravsky	5.62 347	ePn
BLKB		Sn	09 19 23.8 +0.4	KRUC	Moravsky	5.62 347	ePn
BLKB	Belogradchik	ePn	09 19 23.8 +0.4	KRUC	Moravsky	5.62 347	ePn
BLKB		Sn	09 19 23.8 +0.4	KRUC	Moravsky	5.62 347	ePn
HERR	Herculane	ePn	09 18 47.5 +0.8	KRUC	Moravsky	5.62 347	ePn
HERR		Sn	09 18 47.5 +0.8	KRUC	Moravsky	5.62 347	ePn
HERR	Herculane	ePn	09 18 47.5 +0.8	KRUC	Moravsky	5.62 347	ePn
HERR		Sn	09 18 47.5 +0.8	KRUC	Moravsky	5.62 347	ePn
KOGS	Kog	ePn	09 19 24.2 -0.2	KRUC	Moravsky	5.62 347	ePn
KOGS		Sn	09 18 48.7 +1.7	KRUC	Moravsky	5.62 347	ePn
KOGS	Kog	ePn	09 19 24.2 -0.2	KRUC	Moravsky	5.62 347	ePn
KOGS		Sn	09 18 48.7 +1.7	KRUC	Moravsky	5.62 347	ePn
AMBH	Ambrazfalva	ePn	09 19 10.1 +3.0	KRUC	Moravsky	5.62 347	ePn
MATE	Matera	ePn	09 19 10.1 +3.0	KRUC	Moravsky	5.62 347	ePn
MATE		Sn	09 19 26.8 +1.6	KRUC	Moravsky	5.62 347	ePn
MATE	Matera	ePn	09 19 10.1 +3.0	KRUC	Moravsky	5.62 347	ePn
MATE		Sn	09 19 26.8 +1.6	KRUC	Moravsky	5.62 347	ePn
comp=Z,0.2nm,SNR=2.0				KRUC	Moravsky	5.62 347	ePn
MATE		Sn	09 19 26.8 +1.6	KRUC	Moravsky	5.62 347	ePn
MATE		Lg	09 19 26.8 +1.6	KRUC	Moravsky	5.62 347	ePn
BOSS	Bosilegrad	ePn	09 18 48.4 +1.2	KRUC	Moravsky	5.62 347	ePn
BOSS		Sn	09 19 25.6 +0.1	KRUC	Moravsky	5.62 347	ePn
BOSS	Bosilegrad	ePn	09 18 48.4 +1.2	KRUC	Moravsky	5.62 347	ePn
BOSS		Sn	09 19 25.6 +0.1	KRUC	Moravsky	5.62 347	ePn
BOSS		Sn	09 19 25.6 +0.1	KRUC	Moravsky	5.62 347	ePn
TIH	Tihany	ePn	09 18 50.0 +1.6	KRUC	Moravsky	5.62 347	ePn
TIH		Sn	09 19 30.4 +2.8	KRUC	Moravsky	5.62 347	ePn
VISS	Visnje	ePn	09 18 51.4 +2.6	KRUC	Moravsky	5.62 347	ePn
VISS		Sn	09 18 51.4 +2.6	KRUC	Moravsky	5.62 347	ePn
VISS	Visnje	ePn	09 18 51.4 +2.6	KRUC	Moravsky	5.62 347	ePn
VISS		Sn	09 18 51.4 +2.6	KRUC	Moravsky	5.62 347	ePn
PKDK	Podkum	ePn	09 18 52.4 +2.3	KRUC	Moravsky	5.62 347	ePn
PKDK		Sn	09 18 52.4 +2.3	KRUC	Moravsky	5.62 347	ePn
PKDK	Podkum	ePn	09 18 52.4 +2.3	KRUC	Moravsky	5.62 347	ePn
PKDK		Sn	09 18 52.4 +2.3	KRUC	Moravsky	5.62 347	ePn
CEY	Cerknica	ePn	09 18 53.2 +1.8	KRUC	Moravsky	5.62 347	ePn
CEY		Sn	09 18 53.2 +1.8	KRUC	Moravsky	5.62 347	ePn
CEY	Cerknica	ePn	09 18 53.2 +1.8	KRUC	Moravsky	5.62 347	ePn
CEY		Sn	09 18 53.2 +1.8	KRUC	Moravsky	5.62 347	ePn
SIRR	Siria	ePn	09 18 52.7 +1.0	KRUC	Moravsky	5.62 347	ePn
SIRR		Sn	09 18 52.7 +1.0	KRUC	Moravsky	5.62 347	ePn
SIRR	Siria	ePn	09 18 52.7 +1.0	KRUC	Moravsky	5.62 347	ePn
SIRR		Sn	09 18 52.7 +1.0	KRUC	Moravsky	5.62 347	ePn
comp=Z,0.1nm,SNR=1.2				KRUC	Moravsky	5.62 347	ePn
MPLH	Magyaropoly	ePn	09 18 54.5 +2.0	KRUC	Moravsky	5.62 347	ePn
MPLH		Sn	09 18 54.5 +2.0	KRUC	Moravsky	5.62 347	ePn
MPLH	Magyaropoly	ePn	09 18 54.5 +2.0	KRUC	Moravsky	5.62 347	ePn
MPLH		Sn	09 18 54.5 +2.0	KRUC	Moravsky	5.62 347	ePn
GZR	Gura Zlata	ePn	09 18 54.5 +1.6	KRUC	Moravsky	5.62 347	ePn
GZR		Sn	09 18 54.5 +1.6	KRUC	Moravsky	5.62 347	ePn
GZR	Gura Zlata	ePn	09 18 54.5 +1.6	KRUC	Moravsky	5.62 347	ePn
GZR		Sn	09 18 54.5 +1.6	KRUC	Moravsky	5.62 347	ePn
comp=Z,0.1nm,SNR=1.9				KRUC	Moravsky	5.62 347	ePn
GZR		Sn	09 18 54.5 +1.6	KRUC	Moravsky	5.62 347	ePn
comp=Z,0.1nm,SNR=1.7				KRUC	Moravsky	5.62 347	ePn
GBAS	Gorenja Brezov	ePn	09 18 55.4 +2.5	KRUC	Moravsky	5.62 347	ePn
GBAS		Sn	09 18 55.4 +2.5	KRUC	Moravsky	5.62 347	ePn
GBAS	Gorenja Brezov	ePn	09 18 55.4 +2.5	KRUC	Moravsky	5.62 347	ePn
GBAS		Sn	09 18 55.4 +2.5	KRUC	Moravsky	5.62 347	ePn
LJU	Ljubljana	ePn	09 18 55.6 +2.4	KRUC	Moravsky	5.62 347	ePn
LJU		Sn	09 18 55.6 +2.4	KRUC	Moravsky	5.62 347	ePn
LJU	Ljubljana	ePn	09 18 55.6 +2.4	KRUC	Moravsky	5.62 347	ePn
LJU		Sn	09 18 55.6 +2.4	KRUC	Moravsky	5.62 347	ePn
VTS	Vitosh	ePn	09 18 55.1 +1.1	KRUC	Moravsky	5.62 347	ePn
VTS		Sn	09 18 55.1 +1.1	KRUC	Moravsky	5.62 347	ePn
VTS	Vitosh	ePn	09 18 55.1 +1.1	KRUC	Moravsky	5.62 347	ePn
VTS		Sn	09 18 55.1 +1.1	KRUC	Moravsky	5.62 347	ePn
comp=Z,0.1nm,SNR=1.8				KRUC	Moravsky	5.62 347	ePn
CSKK	Cskako	ePn	09 18 56.8 +2.3	KRUC	Moravsky	5.62 347	ePn
CSKK		Sn	09 18 56.8 +2.3	KRUC	Moravsky	5.62 347	ePn
CSKK	Cskako	ePn	09 18 56.8 +2.3	KRUC	Moravsky	5.62 347	ePn
CSKK		Sn	09 18 56.8 +2.3	KRUC	Moravsky	5.62 347	ePn
AQU	L'Aquila	ePn	09 19 00.1 +4.0	KRUC	Moravsky	5.62 347	ePn
AQU		Sn	09 19 00.1 +4.0	KRUC	Moravsky	5.62 347	ePn
AQU	L'Aquila	ePn	09 19 00.1 +4.0	KRUC	Moravsky	5.62 347	ePn
AQU		Sn	09 19 00.1 +4.0	KRUC	Moravsky	5.62 347	ePn
SOKA	Soboth	ePn	09 18 57.9 +1.7	KRUC	Moravsky	5.62 347	ePn
SOKA		Sn	09 18 57.9 +1.7	KRUC	Moravsky	5.62 347	ePn
SOKA	Soboth	ePn	09 18 57.9 +1.7	KRUC	Moravsky	5.62 347	ePn
SOKA		Sn	09 18 57.9 +1.7	KRUC	Moravsky	5.62 347	ePn
comp=Z,4.3nm,0.2s,SNR=19				KRUC	Moravsky	5.62 347	ePn
SOKA		Sn	09 19 41.2 -0.4	KRUC	Moravsky	5.62 347	ePn
SOKA		Sn	09 18 57.9 +1.7	KRUC	Moravsky	5.62 347	ePn
SOKA		Sn	09 19 41.2 -0.4	KRUC	Moravsky	5.62 347	ePn
SOKA		Sn	09 18 57.9 +1.7	KRUC	Moravsky	5.62 347	ePn
comp=Z,8.9nm,0.4s				KRUC	Moravsky	5.62 347	ePn
SOKA		Sn	09 19 41.2 -0.4	KRUC	Moravsky	5.62 347	ePn
comp=Z,4.3nm,0.2s,SNR=19				KRUC	Moravsky	5.62 347	ePn
SOKA		Sn	09 19 41.2 -0.4	KRUC	Moravsky	5.62 347	ePn
TRI	Trieste	ePn	09 19 04.9 -0.6	KRUC	Moravsky	5.62 347	ePn
OBKA	Obir	ePn	09 19 59.9 +2.4	KRUC	Moravsky	5.62 347	ePn
OBKA		Sn	09 19 11.1 -1.6	KRUC	Moravsky	5.62 347	ePn
OBKA	Obir	ePn	09 19 59.9 +2.4	KRUC	Moravsky	5.62 347	ePn
OBKA		Sn	09 19 11.1 -1.6	KRUC	Moravsky	5.62 347	ePn
OBKA	Obir	ePn	09 19 59.9 +2.4	KRUC	Moravsky	5.62 347	ePn
OBKA		Sn	09 19 11.1 -1.6	KRUC	Moravsky	5.62 347	ePn
comp=Z,1.9nm,0.1s,SNR=6.3				KRUC	Moravsky	5.62 347	ePn
OBKA		Sn	09 19 11.1 -1.6	KRUC	Moravsky	5.62 347	ePn
comp=Z,0.2nm,SNR=2.4				KRUC	Moravsky	5.62 347	ePn
OBKA		Pg	09 19 11.1 -1.6	KRUC	Moravsky	5.62 347	ePn
comp=Z,1.5nm,0							

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CMB, W13A, ISA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LOHW, SWSC, I07A, etc.

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

Table with columns: Station, Frequency, Power, Mode, SNR, and Time. Includes stations like Ulaanbaatar, Oxford, Songino Array, etc.

Table with columns: Station, Frequency, Power, Mode, SNR, and Time. Includes stations like Kurty, AAK, CHMS, AML, USP, etc.

Table with columns: Station, Frequency, Power, Mode, SNR, and Time. Includes stations like ARU, ARU, ARU, GEVA, ZEI, etc.

28d 11h

Table with columns for code, name, time, and other details. Includes entries like ULM, PLCA, TXAR, S39A, CO03, etc.

UPA 28 10:55:21.5:0.9:9:02N:82:69W, h5km, 1km, MW3.3
UCR 28 10:55:22.1:1.9:0.1N:82:72W, h20km, MW3.5
INVT 28 10:55:22.4:0.9:0.3N:82:85W, h2km, MW2.8
ISC 28 10:55:19.9:0.9:0.7N:0:03:82:70W:0.0:113km:10km, n44, c100/69, 9C-6D, Panama-Costa Rica border region

Table with columns for Code, Name, Time, Res, and other details. Includes entries like BRU2, MLR3, EDV3, etc.

2015 FEB

Main table with columns for Code, Name, Time, Res, and other details. Includes entries like CACAO, JCS, AZU, GRZA, etc.

1392

Table with columns for Code, Name, Time, Res, and other details. Includes entries like CM15, CM13, CM12, etc.

Table with columns: TIC, Tomouidi, 149.29 277 ePKIKP, PKPbc, 11 32 52.2 -0.5, LIC, Lamto, 149.32 276 ePKIKP, PKPbc, 11 32 52.3 -0.4

NEIC 28 11:32:17.2-0.0, 31.73S-0.05:68.6W:0.1, h85km, 9km, mb4.2/3, Md4.3(SJA), Error ellipse: s-maj=18.4km

SJA 28 11:32:18.3-0.0, 31.74S:68.93W, h116km, 9km, ML4.3, MW4.2

IDC 28 11:32:19.7-0.0, 31.73S:69.00W, h111km, 6km, mb3.8/9, mb1 3.9/11, mb1mx3.8/26, mbtmp4.1/11, Error ellipse: s-maj=25.6km s-min=16.3km az=76.0

ISC 28 11:32:19.4-0.5, 31.67S:0.05:68.89W:0.05, h110km, n68, s=148/73, mb4.3/9, San Juan Province

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

ACLC CERRO LA CRUZ 2.79 37 eP Pn 11 33 03.9 +1.0

AC05 El Transito 3.07 337 Pn 11 33 08.0 +1.5

AC04 Llanos de Chal 3.94 331 Pn 11 33 17.1 -0.8

AC01 Pan de Azucar 5.71 344 Pn 11 33 40.5 -1.2

AC02 Maricunga 1.96 791 Pn 11 32 45.0 +0.8

AC02 Mina Guano 2.57 37 eP Pn 11 32 20.0 +1.0

AC02 Juntas del Tor 2.92 159 eP Pn 11 32 02.8 +1.3

AC02 Tololo Observa 2.95 172 eP Pn 11 32 27.4 +0.1

AC03 El Pedregal 3.62 172 eP Pn 11 32 36.5 +0.2

AC03 Combarbal 3.95 177 eP Pn 11 32 40.2 -0.8

AC03 IPOC Station P 4.34 23 Pn 11 32 47.6 +1.3

AC03 Copiapu 4.78 19 Pn 11 32 51.8 -0.5

AC03 IPOC Station P 4.78 19 Pn 11 32 51.8 -0.5

AC03 IPOC Station P 4.78 19 Pn 11 32 51.8 -0.5

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AC03 IPOC Station P 4.78 19 Pn 11 32 51.8 -0.5

AC03 IPOC Station P 4.78 19 Pn 11 32 51.8 -0.5

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

AC04 Llanos de Chal 0.97 169 Pn 12 01 58.0 +0.1

AC04 Copiapu 0.99 111 Pn 12 01 59.7 -0.5

AC01 Pan de Azucar 1.25 291 Pn 12 02 03.7 +0.3

AC05 El Transito 1.82 151 Pn 12 02 12.5 +0.9

AC02 Maricunga 1.96 791 Pn 12 02 45.0 +0.8

AC02 Mina Guano 2.57 37 Pn 12 02 20.0 +1.0

AC02 Juntas del Tor 2.92 159 Pn 12 02 28.1 +1.3

AC02 Tololo Observa 2.95 172 Pn 12 02 27.4 +0.1

AC03 El Pedregal 3.62 172 Pn 12 02 36.5 +0.2

AC03 Combarbal 3.95 177 Pn 12 02 40.2 -0.8

AC03 IPOC Station P 4.34 23 Pn 12 02 47.6 +1.3

AC03 Copiapu 4.78 19 Pn 12 02 51.8 -0.5

AC03 IPOC Station P 4.78 19 Pn 12 02 51.8 -0.5

AC03 IPOC Station P 4.78 19 Pn 12 02 51.8 -0.5

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AC03 IPOC Station P 4.78 19 Pn 12 02 51.8 -0.5

AC03 IPOC Station P 4.78 19 Pn 12 02 51.8 -0.5

Table with columns: PETK, Petropavlovsk-59.26 6 P, P, 12 23 20.6 -1.2, MKAR, Makanchi Array, 78.31 320 P, P, 12 34 17.6 -0.3

BGR 28 12:27:42.0-0.0, 13.98N:61.02W, h33km, mb5.1

TRN 28 12:28:02.5, 15.39N:61.20W, h140km, MD4.3

IDC 28 12:28:03.1-0.3, 15.38N:61.40W, h132km, 2km, mb4.1/28, mb1 4.3/31, mb1mx4.2/40, mbtmp4.5/31, MS3.0/2, Ms1 3.1/2, ms1mx2.8/27, Error ellipse: s-maj=9.5km

NEIC 28 12:28:03.7-1.2, 15.36N:0.05:61.34W:0.08, h139km, 5km, mb4.6/174, Md4.8(TRN), Error ellipse: s-maj=11.2km

ISC 28 12:28:04.0-0.4, 15.36N:0.02:61.31W:0.04, h141km, 3km, n562, s=85/607, mb4.6/157, 18C-24D, Leeward Islands

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

DLPL La Plaine 0.07 114 eP Pn 12 28 22.8 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

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DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

IDC 28 12:07:34.0-1.7, 34.09N:142.38E, h0km, mb3.6/4, mb1 3.8/7, mb1mx3.5/34, mbtmp3.7/77, ML3.9/2, MS2.8/3, Ms1 2.8/3, ms1mx2.4/50, Error ellipse: s-maj=42.3km

JMA 28 12:07:36.7-0.5, 34.06N:142.27E, h56km, M3.5

ISC 28 12:07:39.2-1.3, 34.09N:0.06:142.2E:0.1, h35km, n24, s=123/28, mb3.6/4, Off east coast of Honshu

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

BOSO Boso 1 1.17 299 eP Pn 12 08 13.7 +0.7

BOSO Boso 2 1.58 297 Pn 12 08 04.2 -0.2

BOSO Boso 4 1.79 300 Pn 12 08 07.6 +0.1

CHOU Chosi 1.96 326 Pn 12 08 09.0 -0.8

JKUC kamogawauchiur 1.98 303 Pn 12 08 09.8 -0.3

JMKM Mikurajimanish 2.19 265 Pn 12 08 37.2 -1.8

JHUJ Mitsune 2.23 245 Pn 12 08 12.9 -0.7

JHUJ Hachijo jima 2 2.25 245 Pn 12 08 13.0 -0.9

JHUJ GCM 62nm, 0.3s, baz=146, slow=22, SNR=93

JHUJ Oshima 3 2.39 286 Pn 12 08 14.3 -1.5

JHM2 Odawara 2 2.83 295 Pn 12 08 20.7 -1.2

JAG Astikaga 3.24 217 Pn 12 08 28.3 -0.5

JRY Ryogamari san 3.33 306 Pn 12 08 28.3 -0.5

JYN Shimob 3.33 296 Pn 12 08 28.0 -0.8

JFT Otama 3.74 336 Pn 12 08 34.0 -0.4

JMAT Matsushiro Arr 4.09 308 Pn 12 08 37.5 +0.7

JMAT Matsushiro 4.09 308 Pn 12 08 37.5 +0.7

MAR 20m, 0.3s, baz=142, slow=5.6, SNR=4.7

ZALV Zalesovo Beam 79.66 22 Pn 12 34 24.0 -1.0

ILAR Eielson Array 84.79 23 Pn 12 34 50.8 -0.9

TORD Torodi Arr Bea 146.42 285 PKPbc PKPbc 12 41 59.2 -0.3

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

DLPL La Plaine 0.07 114 eP Pn 12 28 22.8 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

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DLPL La Plaine 0.07 114 eP Pn 12 28 22.7 -0.2

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ROSC, BBSR, MCPB, MACA, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MIAR, CCM, CCM, HDIL, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like B35A, GDLT, HIPG, etc.

28D 13h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HERR Herculan, DBRK Dubrovnik, FRGS Fruska Gora, etc.

IDC 28 12:35:55.122.0, 51.67N, 168.81W, h0km, mb3.2/4, mb1 3.6/4, mb1mx3.2/39, mbtmp3.2/4, Error ellipse: s-maj=42.7km s-min=60.6km az=73.0, AEIC 28 12:36:09.1, 0.519N, 0.11664W, 0.1, h25km, 9km, ML2.9, ML3.6/6(NEIC), Error ellipse: s-maj=17.4km s-min=9.3km az=164.0

NEIC 28 12:36:10.6, 1.1, 51.9N, 0.11664W, 0.1, h35km, 20km, Error ellipse: s-maj=20.8km s-min=9.4km az=164.0, ISC 28 12:35:08.8, 1.2, 51.9N, 0.21664W, 0.09, h17km, n31, #073/31, mb3.2/4, South of Aleutian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OKFG Magazine Ridge, OKSP Okmok Steeple, OKSD Okmok South, etc.

IDC 28 13:02:55.9, 1.4, 12.65N, 144.12E, h0km, mb3.5/5, mb1 3.8/5, mb1mx3.5/41, mbtmp3.5/5, MS2.9/2, Ms1 2.9/2, ms1mx2.5/27, Error ellipse: s-maj=54.8km s-min=24.6km az=89.0, NEIC 28 13:02:59.4, 1.8, 12.56N, 0.10144E, 0.2, h27km, 8km, mb4.3/8, Error ellipse: s-maj=25.5km s-min=13.1km az=105.0

ISC 28 13:02:59.7, 0.7, 12.6N, 0.11443E, 0.1, h30km, n25, #081/16, mb3.7/8, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, PAVS Pohnpei, DAV Davao City (W), etc.

SOME 28 13:05:45.5, 41.38N, 79.30E, h10km, KRNET 28 13:05:45.2, 0.1, 41.67N, 79.53E, h12km, mb2.5, NNC 28 13:05:55.6, 2.3, 41.64N, 79.10E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=15.7km s-min=10.1km az=159.0

ISC 28 13:05:44.1, 2.6, 41.4N, 0.17938E, 0.06, h18km, 9km, n41, #169/55, 11C-5D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PRZ Przhnevsk, SHLS Shalkode, etc.

2015 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SHLS 16nm,0.3s, UZB Uzynbulak, etc.

IDC 28 13:10:44.2, 1.1, 6.45S, 150.27E, h0km, mb3.9/8, mb1 4.1/9, mb1mx3.8/33, mbtmp3.9/9, ML2.3/1, MS3.0/2, Ms1 2.9/2, ms1mx2.5/23, Error ellipse: s-maj=50.2km s-min=18.8km az=125.0, NEIC 28 13:10:51.3, 2.2, 6.61S, 0.06150E, 0.1, h63km, 14km, mb4.1/7, Error ellipse: s-maj=21.0km s-min=6.3km az=109.0

ISC 28 13:10:47.0, 0.8, 6.3S, 0.11503E, 0.2, h33km, n27, #195/19, mb3.7/7, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PDGK Podgornoye, KTKPK Kotkpek, KPKS Kotsk, etc.

IDC 28 13:15:49.0, 1.1, 15.0S, 150.3E, 0.2, h33km, n27, #195/19, mb3.7/7, New Britain region

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

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, etc.

IDC 28 13:18:54.3, 4.0, 30.94N, 141.72E, h0km, mb3.3/2, mb1 3.4/4, mb1mx3.2/34, mbtmp3.3/4, ML2.5/2, Error ellipse: s-maj=151.6km s-min=22.1km az=70.0, Southeast of Honshu

ISC 28 13:18:54.3, 4.0, 30.94N, 141.72E, h0km, mb3.3/2, mb1 3.4/4, mb1mx3.2/34, mbtmp3.3/4, ML2.5/2, Error ellipse: s-maj=151.6km s-min=22.1km az=70.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachiojima 2, JHU Hachiojima 1, etc.

ATH 28 13:23:30.9, 35.26N, 132.32E, h16km, 3km, ML2.5/2, Error ellipse: s-maj=3.9km s-min=1.6km az=41.0, THE 28 13:23:31.1, 35.23N, 132.38E, h26km, 3km, ML2.4/4, Error ellipse: s-maj=6.2km s-min=1.5km az=168.0

ISC 28 13:23:31.2, 1.7, 35.27N, 132.35E, 0.08, h21km, 3km, n11, #051/19, Crete

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KNDR Palaochora Ch, IMMV Iera Moni Meta, etc.

IDC 28 13:34:09.1, 2.8, 7.29S, 128.25E, h0km, mb3.1/1, mb1 3.1/3, mb1mx3.0/24, mbtmp3.0/24, MS2.9/3, ML2.9/2, Error ellipse: s-maj=306.0km s-min=34.2km az=65.0, Banda Sea

ISC 28 13:34:09.1, 2.8, 7.29S, 128.25E, h0km, mb3.1/1, mb1 3.1/3, mb1mx3.0/24, mbtmp3.0/24, MS2.9/3, ML2.9/2, Error ellipse: s-maj=306.0km s-min=34.2km az=65.0, Banda Sea

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

IDC 28 13:37:53.2, 2.1, 0.43N, 126.48E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/23, mbtmp3.3/3, MS2.8/1, Ms1 2.8/1, ms1mx2.5/11, Error ellipse: s-maj=206.9km s-min=24.9km az=65.0, Northern Molucca Sea

ISC 28 13:37:53.2, 2.1, 0.43N, 126.48E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/23, mbtmp3.3/3, MS2.8/1, Ms1 2.8/1, ms1mx2.5/11, Error ellipse: s-maj=206.9km s-min=24.9km az=65.0, Northern Molucca Sea

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

IDC 28 13:59:43.0, 2.0, 5.49S, 127.53E, h0km, mb3.4/1, mb1 3.2/3, mb1mx3.1/23, mbtmp3.1/3, ML2.8/2, Error ellipse: s-maj=139.8km s-min=28.1km az=65.0, Banda Sea

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

NOU 28 14:17:47.9,34.015s:179:11E,h134km,mb4.7, South of Kermadec Islands
WEL 28 14:18:00,36.51S:177:29E,h4km,ML4.4,Mw4.9
Moment Tensor Solution: s10 Moment Tensor: Scale 1019Nm; Mw=1.0; Mo=0.94; Ms=0.96; Mr=1.37; Mw=0.99;

GCMT 28 14:18:26.7,0.3,36:45S:0:02:177:40E:0:02,h14km,ML4.4,Mw5.0,Ms4.96,Ms5.09,Ms5.14,Ms5.17,Ms5.20,Ms5.23,Ms5.26,Ms5.29,Ms5.32,Ms5.35,Ms5.38,Ms5.41,Ms5.44,Ms5.47,Ms5.50,Ms5.53,Ms5.56,Ms5.59,Ms5.62,Ms5.65,Ms5.68,Ms5.71,Ms5.74,Ms5.77,Ms5.80,Ms5.83,Ms5.86,Ms5.89,Ms5.92,Ms5.95,Ms5.98,Ms6.01,Ms6.04,Ms6.07,Ms6.10,Ms6.13,Ms6.16,Ms6.19,Ms6.22,Ms6.25,Ms6.28,Ms6.31,Ms6.34,Ms6.37,Ms6.40,Ms6.43,Ms6.46,Ms6.49,Ms6.52,Ms6.55,Ms6.58,Ms6.61,Ms6.64,Ms6.67,Ms6.70,Ms6.73,Ms6.76,Ms6.79,Ms6.82,Ms6.85,Ms6.88,Ms6.91,Ms6.94,Ms6.97,Ms7.00,Ms7.03,Ms7.06,Ms7.09,Ms7.12,Ms7.15,Ms7.18,Ms7.21,Ms7.24,Ms7.27,Ms7.30,Ms7.33,Ms7.36,Ms7.39,Ms7.42,Ms7.45,Ms7.48,Ms7.51,Ms7.54,Ms7.57,Ms7.60,Ms7.63,Ms7.66,Ms7.69,Ms7.72,Ms7.75,Ms7.78,Ms7.81,Ms7.84,Ms7.87,Ms7.90,Ms7.93,Ms7.96,Ms7.99,Ms8.02,Ms8.05,Ms8.08,Ms8.11,Ms8.14,Ms8.17,Ms8.20,Ms8.23,Ms8.26,Ms8.29,Ms8.32,Ms8.35,Ms8.38,Ms8.41,Ms8.44,Ms8.47,Ms8.50,Ms8.53,Ms8.56,Ms8.59,Ms8.62,Ms8.65,Ms8.68,Ms8.71,Ms8.74,Ms8.77,Ms8.80,Ms8.83,Ms8.86,Ms8.89,Ms8.92,Ms8.95,Ms8.98,Ms9.01,Ms9.04,Ms9.07,Ms9.10,Ms9.13,Ms9.16,Ms9.19,Ms9.22,Ms9.25,Ms9.28,Ms9.31,Ms9.34,Ms9.37,Ms9.40,Ms9.43,Ms9.46,Ms9.49,Ms9.52,Ms9.55,Ms9.58,Ms9.61,Ms9.64,Ms9.67,Ms9.70,Ms9.73,Ms9.76,Ms9.79,Ms9.82,Ms9.85,Ms9.88,Ms9.91,Ms9.94,Ms9.97,Ms10.00,Ms10.03,Ms10.06,Ms10.09,Ms10.12,Ms10.15,Ms10.18,Ms10.21,Ms10.24,Ms10.27,Ms10.30,Ms10.33,Ms10.36,Ms10.39,Ms10.42,Ms10.45,Ms10.48,Ms10.51,Ms10.54,Ms10.57,Ms10.60,Ms10.63,Ms10.66,Ms10.69,Ms10.72,Ms10.75,Ms10.78,Ms10.81,Ms10.84,Ms10.87,Ms10.90,Ms10.93,Ms10.96,Ms10.99,Ms11.02,Ms11.05,Ms11.08,Ms11.11,Ms11.14,Ms11.17,Ms11.20,Ms11.23,Ms11.26,Ms11.29,Ms11.32,Ms11.35,Ms11.38,Ms11.41,Ms11.44,Ms11.47,Ms11.50,Ms11.53,Ms11.56,Ms11.59,Ms11.62,Ms11.65,Ms11.68,Ms11.71,Ms11.74,Ms11.77,Ms11.80,Ms11.83,Ms11.86,Ms11.89,Ms11.92,Ms11.95,Ms11.98,Ms12.01,Ms12.04,Ms12.07,Ms12.10,Ms12.13,Ms12.16,Ms12.19,Ms12.22,Ms12.25,Ms12.28,Ms12.31,Ms12.34,Ms12.37,Ms12.40,Ms12.43,Ms12.46,Ms12.49,Ms12.52,Ms12.55,Ms12.58,Ms12.61,Ms12.64,Ms12.67,Ms12.70,Ms12.73,Ms12.76,Ms12.79,Ms12.82,Ms12.85,Ms12.88,Ms12.91,Ms12.94,Ms12.97,Ms13.00,Ms13.03,Ms13.06,Ms13.09,Ms13.12,Ms13.15,Ms13.18,Ms13.21,Ms13.24,Ms13.27,Ms13.30,Ms13.33,Ms13.36,Ms13.39,Ms13.42,Ms13.45,Ms13.48,Ms13.51,Ms13.54,Ms13.57,Ms13.60,Ms13.63,Ms13.66,Ms13.69,Ms13.72,Ms13.75,Ms13.78,Ms13.81,Ms13.84,Ms13.87,Ms13.90,Ms13.93,Ms13.96,Ms13.99,Ms14.02,Ms14.05,Ms14.08,Ms14.11,Ms14.14,Ms14.17,Ms14.20,Ms14.23,Ms14.26,Ms14.29,Ms14.32,Ms14.35,Ms14.38,Ms14.41,Ms14.44,Ms14.47,Ms14.50,Ms14.53,Ms14.56,Ms14.59,Ms14.62,Ms14.65,Ms14.68,Ms14.71,Ms14.74,Ms14.77,Ms14.80,Ms14.83,Ms14.86,Ms14.89,Ms14.92,Ms14.95,Ms14.98,Ms15.01,Ms15.04,Ms15.07,Ms15.10,Ms15.13,Ms15.16,Ms15.19,Ms15.22,Ms15.25,Ms15.28,Ms15.31,Ms15.34,Ms15.37,Ms15.40,Ms15.43,Ms15.46,Ms15.49,Ms15.52,Ms15.55,Ms15.58,Ms15.61,Ms15.64,Ms15.67,Ms15.70,Ms15.73,Ms15.76,Ms15.79,Ms15.82,Ms15.85,Ms15.88,Ms15.91,Ms15.94,Ms15.97,Ms16.00,Ms16.03,Ms16.06,Ms16.09,Ms16.12,Ms16.15,Ms16.18,Ms16.21,Ms16.24,Ms16.27,Ms16.30,Ms16.33,Ms16.36,Ms16.39,Ms16.42,Ms16.45,Ms16.48,Ms16.51,Ms16.54,Ms16.57,Ms16.60,Ms16.63,Ms16.66,Ms16.69,Ms16.72,Ms16.75,Ms16.78,Ms16.81,Ms16.84,Ms16.87,Ms16.90,Ms16.93,Ms16.96,Ms16.99,Ms17.02,Ms17.05,Ms17.08,Ms17.11,Ms17.14,Ms17.17,Ms17.20,Ms17.23,Ms17.26,Ms17.29,Ms17.32,Ms17.35,Ms17.38,Ms17.41,Ms17.44,Ms17.47,Ms17.50,Ms17.53,Ms17.56,Ms17.59,Ms17.62,Ms17.65,Ms17.68,Ms17.71,Ms17.74,Ms17.77,Ms17.80,Ms17.83,Ms17.86,Ms17.89,Ms17.92,Ms17.95,Ms17.98,Ms18.01,Ms18.04,Ms18.07,Ms18.10,Ms18.13,Ms18.16,Ms18.19,Ms18.22,Ms18.25,Ms18.28,Ms18.31,Ms18.34,Ms18.37,Ms18.40,Ms18.43,Ms18.46,Ms18.49,Ms18.52,Ms18.55,Ms18.58,Ms18.61,Ms18.64,Ms18.67,Ms18.70,Ms18.73,Ms18.76,Ms18.79,Ms18.82,Ms18.85,Ms18.88,Ms18.91,Ms18.94,Ms18.97,Ms19.00,Ms19.03,Ms19.06,Ms19.09,Ms19.12,Ms19.15,Ms19.18,Ms19.21,Ms19.24,Ms19.27,Ms19.30,Ms19.33,Ms19.36,Ms19.39,Ms19.42,Ms19.45,Ms19.48,Ms19.51,Ms19.54,Ms19.57,Ms19.60,Ms19.63,Ms19.66,Ms19.69,Ms19.72,Ms19.75,Ms19.78,Ms19.81,Ms19.84,Ms19.87,Ms19.90,Ms19.93,Ms19.96,Ms19.99,Ms20.02,Ms20.05,Ms20.08,Ms20.11,Ms20.14,Ms20.17,Ms20.20,Ms20.23,Ms20.26,Ms20.29,Ms20.32,Ms20.35,Ms20.38,Ms20.41,Ms20.44,Ms20.47,Ms20.50,Ms20.53,Ms20.56,Ms20.59,Ms20.62,Ms20.65,Ms20.68,Ms20.71,Ms20.74,Ms20.77,Ms20.80,Ms20.83,Ms20.86,Ms20.89,Ms20.92,Ms20.95,Ms20.98,Ms21.01,Ms21.04,Ms21.07,Ms21.10,Ms21.13,Ms21.16,Ms21.19,Ms21.22,Ms21.25,Ms21.28,Ms21.31,Ms21.34,Ms21.37,Ms21.40,Ms21.43,Ms21.46,Ms21.49,Ms21.52,Ms21.55,Ms21.58,Ms21.61,Ms21.64,Ms21.67,Ms21.70,Ms21.73,Ms21.76,Ms21.79,Ms21.82,Ms21.85,Ms21.88,Ms21.91,Ms21.94,Ms21.97,Ms22.00,Ms22.03,Ms22.06,Ms22.09,Ms22.12,Ms22.15,Ms22.18,Ms22.21,Ms22.24,Ms22.27,Ms22.30,Ms22.33,Ms22.36,Ms22.39,Ms22.42,Ms22.45,Ms22.48,Ms22.51,Ms22.54,Ms22.57,Ms22.60,Ms22.63,Ms22.66,Ms22.69,Ms22.72,Ms22.75,Ms22.78,Ms22.81,Ms22.84,Ms22.87,Ms22.90,Ms22.93,Ms22.96,Ms22.99,Ms23.02,Ms23.05,Ms23.08,Ms23.11,Ms23.14,Ms23.17,Ms23.20,Ms23.23,Ms23.26,Ms23.29,Ms23.32,Ms23.35,Ms23.38,Ms23.41,Ms23.44,Ms23.47,Ms23.50,Ms23.53,Ms23.56,Ms23.59,Ms23.62,Ms23.65,Ms23.68,Ms23.71,Ms23.74,Ms23.77,Ms23.80,Ms23.83,Ms23.86,Ms23.89,Ms23.92,Ms23.95,Ms23.98,Ms24.01,Ms24.04,Ms24.07,Ms24.10,Ms24.13,Ms24.16,Ms24.19,Ms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28d 15h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GUZR, AGRB, Hanur-Agry.

IDC 28 14:42:06.758.0, 16:38S:175:31W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/24, mbttmp3.9/3, Error ellipse: s-maj=1086.0km s-min=192.4km az=79.0, Tonga

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

MDD 28 14:50:51.31.2, 36:47N:10:00W, h40km, mbLg3.4/34, Error ellipse: s-maj=11.2km s-min=7.2km az=47.0, PRXIMO

INMG 28 14:50:52.41.2, 36:46N:9:96W, h31km, mbL3.2, Error ellipse: s-maj=4.1km s-min=2.6km az=56.0, LDG 28 14:50:52.6/0.2, 36:55N:9:87W, h16km, ML3.6/6, Error ellipse: s-maj=3.6km s-min=2.7km az=46.0, IGL 28 14:50:52.0, 36:43N:9:94W, h32km, ML3.3, ISC 28 14:50:48.9-1.1, 36:46N:0:05:9.93W:0:05, h35km, n107, c256/187, 8C, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PFVI, MORF, PTEO, PBDV, PCVE, MESJ, PNCL, PVAQ, EGRO, PBEJ, LIS, PMAFR, EVO, PBAR, EMIN, PMTG, PESTR, PSBE, ESPR, PMRV, EJIF, ECEU, CEU, PCAS, AVE, PCBR, COI, MTE, EMAL, EMAL, PVIS.

2015 FEB

Main table listing stations with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EADA, EPLA, EPLA, PTO, IFR, ELGU, PVRL, POLO, MVO, MVO, EQU, PAB, PAB, PCAB, ELOB, EQES, PGAV, PGAV, EBER, EBER, ESCD, ESCD, EZAM, EZAM, PBRG, PBRG, ECAL, ECAL, SESP, SESP, GUD, GUD, ENIJ, ENIJ, PMPST, PMPST, EAGO, EAGO, UCM, UCM, UCM, UCM, EMAZ, EMAZ, PMAR, PMAR, ETOB, ETOB, EMUR, EMUR, EPON, EPON, EPON, EPON, ETOR, ETOR, EARI, EARI, EMOS, EMOS, ELAN, ELAN, ELAN, ELAN, CFUE, CFUE, EORO, EORO, EORO, EORO, SJPF, SJPF, SJPF, SJPF, ETSF, ETSF, ETSF, ETSF, EPOB, EPOB, EPOB, EPOB, ECHI, ECHI, ECHI, ECHI, EPFF, EPFF, EPFF, EPFF, CSOR, CSOR, CSOR, CSOR, CLLI, CLLI.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CLLI, LFF, LFF, RJF, RJF, RJF, RJF, QUIF, QUIF, MFF, MFF, TCF, TCF, FLN, FLN, FLN, FLN, SMF, SMF.

IDC 28 15:09:04.81.3, 16:45S:168:20E, h0km, mb4.0/11, mb1 4.2/11, mb1mx4.0/28, mbttmp3.9/11, MS3.2/5, Ms1 3.2/5, ms1mx2.9/29, Error ellipse: s-maj=43.4km s-min=23.1km az=139.0, NOU 28 15:09:06.7, 16:38S:168:28E, h14km, MLv4.5, Vanuatu Islands

NEIC 28 15:09:06.2.3, 16:3S:0:1:168:46E:0:03, h47km, 18km, mb4.1/9, Error ellipse: s-maj=14.9km s-min=4.7km, ISC 28 15:09:09.0-0.7, 16:44S:0:06:177.0-0.1, h35km, n42, c1863/34, mb4.1/15, MS3.2/4, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DVP, SANVU, SANVU, LIFNC, LIFNC, MARNC, MARNC, KOUNC, KOUNC, YATNC, YATNC, DZM, DZM, NOUC, NOUC, ONTNC, ONTNC, OUCNC, OUCNC, HNR, HNR, HNR, HNR, AFI, AFI, ARMA, ARMA, NIUE, NIUE, CTA, CTA, CTA, CTA, CAN, CAN, CAN, CAN, STKA, STKA, WB2, WB2, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, ASAR, FITZ, FITZ, FITZ, FITZ, MJAR, MJAR, KSRS, KSRS, USRK, USRK, SONM, SONM, NVAR, NVAR, ILAR, ILAR, YKA, YKA, MKAR, MKAR, ARCES, ARCES, TORD, TORD, TORD, TORD, DJA, DJA, NEIC, NEIC, IDC, IDC, ISC, ISC, Code, Station Name, Azimuth, Phase, ID, Time, Res.

IDC 28 17:07:23.8±2.1, 41°19'N-20°13'E, h0km, mb3.3/6, mb1.3/4/10, mb1mx3.3/43, mbtmp3.3/10, ML3.0/4, Error ellipse: s-maj=32.1km s-min=18.9km az=178.0
 TIR 28 17:07:26.9, 41°32'N-20°31'E, h4km, 1km, Md3.3, MD3.2
 ATH 28 17:07:26.8, 41°46'N-20°36'E, h8km, 3km, ML3.0/7, Error ellipse: s-maj=3.9km s-min=1.1km az=354.0
 SKO 28 17:07:26.7, 41°34'N-20°30'E, h20km
 PDG 28 17:07:27.4±0.4, 41°31'N-20°25'E, h16km, ML3.0/13, Error ellipse: s-maj=0.6km s-min=0.7km az=0.0
 THE 28 17:07:27.8, 41°33'N-20°34'E, h0km, 3km, ML3.1/4, Error ellipse: s-maj=4.0km s-min=0.8km az=25.0
 BEO 28 17:07:28.0, 41°35'N-20°31'E, h2km, 5km, ML3.1/11
 SOF 28 17:07:35.5, 41°64'N-21°21'E, h2km, MD2.5
 ISC 28 17:07:27.9±0.8, 41°32'N-20°28'E, 0.02, h15km, 6km, n137, r130/210, mb3.3/4, 14C-17D, Albania

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
TIR	Tirane	0.31 275	Op P	17 07 34.2	+0.3
TIR	Tirane	0.31 275	Sg S	17 07 39.7	+0.7
TIR	Tirane	0.31 275	Op P	17 07 34.2	-0.3
TIR	Tirane	0.31 275	Sg S	17 07 39.7	+0.7
TIR	Tirane	0.31 275	Op P	17 07 34.2	-0.3
TIR	Tirane	0.31 275	Sg S	17 07 39.7	+0.7
TIR	Tirane	0.31 275	Op P	17 07 34.1	-0.3
TIR	Tirane	0.31 275	Sg S	17 07 39.2	+0.2
TIR	Tirane	0.31 275	Op P	17 07 34.1	-0.3
TIR	Tirane	0.31 275	Sg S	17 07 35.3	-0.4
TIR	Tirane	0.31 275	Op P	17 07 35.1	-0.6
TIR	Tirane	0.31 275	Sg S	17 07 41.3	+0.2
TIR	Tirane	0.31 275	Op P	17 07 36.2	-0.6
TIR	Tirane	0.31 275	Sg S	17 07 44.1	+0.2
TIR	Tirane	0.31 275	Op P	17 07 42.5	-0.5
TIR	Tirane	0.31 275	Sg S	17 07 54.5	+1.0
TIR	Tirane	0.31 275	Op P	17 07 42.7	-0.8
TIR	Tirane	0.31 275	Sg S	17 07 54.5	+0.4
TIR	Tirane	0.31 275	Op P	17 07 45.8	0.0
TIR	Tirane	0.31 275	Sg S	17 08 00.2	+0.7
TIR	Tirane	0.31 275	Op P	17 07 45.3	-0.9
TIR	Tirane	0.31 275	Sg S	17 07 59.9	-0.4
TIR	Tirane	0.31 275	Op P	17 07 45.8	-0.9
TIR	Tirane	0.31 275	Sg S	17 07 59.9	-0.1
TIR	Tirane	0.31 275	Op P	17 07 45.6	-1.1
TIR	Tirane	0.31 275	Sg S	17 07 59.7	+0.1
TIR	Tirane	0.31 275	Op P	17 07 45.6	-1.1
TIR	Tirane	0.31 275	Sg S	17 07 59.8	+0.2
TIR	Tirane	0.31 275	Op P	17 07 45.6	-1.4
TIR	Tirane	0.31 275	Sg S	17 07 45.6	-1.4
TIR	Tirane	0.31 275	Op P	17 08 01.7	+0.3
TIR	Tirane	0.31 275	Sg S	17 07 48.5	+0.5
TIR	Tirane	0.31 275	Op P	17 08 05.0	+2.9
TIR	Tirane	0.31 275	Sg S	17 07 48.1	+0.2
TIR	Tirane	0.31 275	Op P	17 08 03.4	+1.3
TIR	Tirane	0.31 275	Sg S	17 07 48.2	0.0
TIR	Tirane	0.31 275	Op P	17 08 04.3	+1.7
TIR	Tirane	0.31 275	Sg S	17 07 48.4	0.0
TIR	Tirane	0.31 275	Op P	17 08 03.7	+0.5
TIR	Tirane	0.31 275	Sg S	17 08 06.5	0.0
TIR	Tirane	0.31 275	Op P	17 08 06.7	0.0
TIR	Tirane	0.31 275	Sg S	17 08 03.2	+0.3
TIR	Tirane	0.31 275	Op P	17 07 48.0	-0.4
TIR	Tirane	0.31 275	Sg S	17 08 02.9	-0.2
TIR	Tirane	0.31 275	Op P	17 07 48.8	-0.8
TIR	Tirane	0.31 275	Sg S	17 08 06.4	+1.1
TIR	Tirane	0.31 275	Op P	17 07 49.1	-0.9
TIR	Tirane	0.31 275	Sg S	17 07 49.2	-0.8
TIR	Tirane	0.31 275	Op P	17 08 08.1	+1.7
TIR	Tirane	0.31 275	Sg S	17 07 50.1	0.0
TIR	Tirane	0.31 275	Op P	17 07 50.3	+0.2
TIR	Tirane	0.31 275	Sg S	17 08 08.0	+1.4
TIR	Tirane	0.31 275	Op P	17 07 51.6	+0.1
TIR	Tirane	0.31 275	Sg S	17 08 11.6	+1.8
TIR	Tirane	0.31 275	Op P	17 07 52.8	-0.2
TIR	Tirane	0.31 275	Sg S	17 08 16.2	0.0
TIR	Tirane	0.31 275	Op P	17 08 17.8	0.0
TIR	Tirane	0.31 275	Sg S	17 07 52.2	+0.1
TIR	Tirane	0.31 275	Op P	17 07 51.7	-0.2
TIR	Tirane	0.31 275	Sg S	17 07 52.3	+0.2
TIR	Tirane	0.31 275	Op P	17 08 12.6	+1.3
TIR	Tirane	0.31 275	Sg S	17 07 52.0	-0.1
TIR	Tirane	0.31 275	Op P	17 08 13.0	+1.7
TIR	Tirane	0.31 275	Sg S	17 07 52.0	-0.1
TIR	Tirane	0.31 275	Op P	17 08 13.9	+2.6
TIR	Tirane	0.31 275	Sg S	17 07 52.1	+0.1
TIR	Tirane	0.31 275	Op P	17 07 52.6	+1.3
TIR	Tirane	0.31 275	Sg S	17 07 53.6	+0.3
TIR	Tirane	0.31 275	Op P	17 08 14.4	+0.5
TIR	Tirane	0.31 275	Sg S	17 07 53.5	+0.1
TIR	Tirane	0.31 275	Op P	17 08 15.4	+1.4
TIR	Tirane	0.31 275	Sg S	17 07 55.5	+0.9
TIR	Tirane	0.31 275	Op P	17 08 16.8	+2.0
TIR	Tirane	0.31 275	Sg S	17 07 56.3	-0.1
TIR	Tirane	0.31 275	Op P	17 08 20.1	+4.5
TIR	Tirane	0.31 275	Sg S	17 08 23.5	0.0
TIR	Tirane	0.31 275	Op P	17 07 55.3	+0.7
TIR	Tirane	0.31 275	Sg S	17 07 56.0	+0.6
TIR	Tirane	0.31 275	Op P	17 08 18.4	+0.3
TIR	Tirane	0.31 275	Sg S	17 07 56.1	+0.5
TIR	Tirane	0.31 275	Op P	17 08 18.5	-0.7
TIR	Tirane	0.31 275	Sg S	17 07 56.6	0.0
TIR	Tirane	0.31 275	Op P	17 07 56.4	+0.4
TIR	Tirane	0.31 275	Sg S	17 08 19.9	+0.4
TIR	Tirane	0.31 275	Op P	17 07 56.7	+0.6
TIR	Tirane	0.31 275	Sg S	17 08 19.5	-0.9
TIR	Tirane	0.31 275	Op P	17 07 56.2	-0.1
TIR	Tirane	0.31 275	Sg S	17 08 17.6	+0.4
TIR	Tirane	0.31 275	Op P	17 08 25.7	0.0
TIR	Tirane	0.31 275	Sg S	17 08 27.6	0.0
TIR	Tirane	0.31 275	Op P	17 07 56.1	-0.1

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
GRG	Griva	1.65 102	Pn	17 07 56.1	-0.2
KEK	Kerkira	1.65 193	P	17 07 59.9	+0.4
KEK	Kerkira	1.65 193	P	17 07 28.9	0.0
KEK	Kerkira	1.65 193	P	17 08 30.0	0.0
JAN	Janina	1.72 165	Pb	17 07 59.8	+0.6
JAN	Janina	1.72 165	P	17 08 34.6	0.0
JAN	Janina	1.72 165	P	17 08 36.2	0.0
VAY	Valandovo	1.73 89	ePn	17 07 58.4	-0.9
VAY	Valandovo	1.73 89	ePn	17 08 21.4	+0.6
VAY	Valandovo	1.73 89	ePn	17 07 57.6	+0.3
VAY	Valandovo	1.73 89	ePn	17 08 22.1	-1.4
VAY	Valandovo	1.73 89	ePn	17 08 23.4	0.0
HCY	Herceg Novi	1.74 311	ePn	17 07 58.6	+1.0
HCY	Herceg Novi	1.74 311	ePn	17 07 58.2	+0.6
HCY	Herceg Novi	1.74 311	ePn	17 07 22.3	+1.0
HCY	Herceg Novi	1.74 311	ePn	17 07 58.3	+1.1
HCY	Herceg Novi	1.74 311	ePn	17 08 21.1	+0.6
HCY	Herceg Novi	1.74 311	ePn	17 07 58.9	+0.8
HCY	Herceg Novi	1.74 311	ePn	17 08 22.8	+0.6
HCY	Herceg Novi	1.74 311	ePn	17 07 59.7	-0.6
HCY	Herceg Novi	1.74 311	ePn	17 08 23.5	+0.8
HCY	Herceg Novi	1.74 311	ePn	17 08 21.9	+0.3
HCY	Herceg Novi	1.74 311	ePn	17 08 01.0	-0.4
HCY	Herceg Novi	1.74 311	ePn	17 08 29.0	-0.2
HCY	Herceg Novi	1.74 311	ePn	17 08 03.4	+1.6
HCY	Herceg Novi	1.74 311	ePn	17 08 02.5	+0.7
HCY	Herceg Novi	1.74 311	ePn	17 08 29.4	-0.6
HCY	Herceg Novi	1.74 311	ePn	17 08 01.8	-0.5
HCY	Herceg Novi	1.74 311	ePn	17 08 30.5	-0.5
HCY	Herceg Novi	1.74 311	ePn	17 08 03.5	+0.7
HCY	Herceg Novi	1.74 311	ePn	17 08 11.2	-1.0
HCY	Herceg Novi	1.74 311	ePn	17 08 03.8	+0.3
HCY	Herceg Novi	1.74 311	ePn	17 08 05.1	+0.4
HCY	Herceg Novi	1.74 311	ePn	17 08 34.2	-1.9
HCY	Herceg Novi	1.74 311	ePn	17 08 47.8	+1.3
HCY	Herceg Novi	1.74 311	ePn	17 08 49.4	+1.3
HCY	Herceg Novi	1.74 311	ePn	17 08 37.4	+0.1
HCY	Herceg Novi	1.74 311	ePn	17 08 09.8	+1.3
HCY	Herceg Novi	1.74 311	ePn	17 08 40.4	+1.2
HCY	Herceg Novi	1.74 311	ePn	17 08 08.9	0.0
HCY	Herceg Novi	1.74 311	ePn	17 08 06.9	0.0
HCY	Herceg Novi	1.74 311	ePn	17 08 05.9	+1.0
HCY	Herceg Novi	1.74 311	ePn	17 08 10.6	+1.4
HCY	Herceg Novi	1.74 311	ePn	17 08 42.0	+1.7
HCY	Herceg Novi	1.74 311	ePn	17 08 11.0	+1.3
HCY	Herceg Novi	1.74 311	ePn	17 08 43.3	+2.1
HCY	Herceg Novi	1.74 311	ePn	17 08 43.7	+2.4
HCY	Herceg Novi	1.74 311	ePn	17 08 11.7	+1.9
HCY	Herceg Novi	1.74 311	ePn	17 08 13.8	+1.8
HCY	Herceg Novi	1.74 311	ePn	17 08 47.7	+2.4
HCY	Herceg Novi	1.74 311	ePn	17 08 12.7	+0.7
HCY	Herceg Novi	1.74 311	ePn	17 08 11.2	-0.7
HCY	Herceg Novi	1.74 311	ePn	17 08 43.4	-1.8
HCY	Herceg Novi	1.74 311	ePn	17 08 15.9	+2.7
HCY	Herceg Novi	1.74 311	ePn	17 08 49.3	+1.8
HCY	Herceg Novi	1.74 311	ePn	17 08 16.0	+2.5
HCY	Herceg Novi	1.74 311	ePn	17 08 49.4	+1.3
HCY	Herceg Novi	1.74 311	ePn	17 08 37.4	+0.4
HCY	Herceg Novi	1.74 311	ePn	17 08 13.0	-0.6
HCY	Herceg Novi	1.74 311	ePn	17 08 48.6	+0.4
HCY	Herceg Novi	1.74 311	ePn	17 08 14.6	+0.6
HCY	Herceg Novi	1.74 311	ePn	17 08 17.3	+2.1
HCY	Herceg Novi	1.74 311	ePn	17 08 50.1	+0.6
HCY	Herceg Novi	1.74 311	ePn	17 08 16.6	+0.2
HCY	Herceg Novi	1.74 311	ePn	17 08 18.1	+0.7
HCY	Herceg Novi	1.74 311	ePn	17 08 17.9	-0.5
HCY	Herceg Novi	1.74 311	ePn	17 08 57.5	+0.7
HCY	Herceg Novi	1.74 311	ePn	17 08 20.2	+1.6
HCY	Herceg Novi	1.74 311	ePn	17 08 20.1	+1.6
HCY	Herceg Novi	1.74 311	ePn	17 08 20.9	+1.0
HCY	Herceg Novi	1.74 311	ePn	17 08 20.5	+0.2
HCY	Herceg Novi	1.74 311	ePn	17 08 20.0	+1.0
HCY	Herceg Novi	1.74 311	ePn	17 08 24.7	+1.3
HCY	Herceg Novi	1.74 311	ePn	17 08 06.7	+0.9
HCY	Herceg Novi	1.74 311	ePn	17 08 11.1	+0.7
HCY	Herceg Novi	1.74 311	ePn	17 08 27.0	+0.4
HCY	Herceg Novi	1.74 311	ePn	17 08 27.7	+1.1
HCY	Herceg Novi	1.74 311	ePn	17 08 28.7	+1.7
HCY	Herceg Novi	1.74 311	ePn	17 08 27.4	+0.4
HCY	Herceg Novi	1.74 311	ePn	17 08 22.2	0.0
HCY	Herceg Novi	1.74 311	ePn	17 08 27.9	+0.4
HCY	Herceg Novi	1.74 311	ePn	17 08 30.9	+0.8
HCY	Herceg Novi	1.74 311	ePn	17 08 30.8	+0.2
HCY	Herceg Novi	1.74 311	ePn	17 08 32.6	+0.9
HCY	Herceg Novi	1.74 311	ePn	17 08 22.5	+1.8
HCY	Herceg Novi	1.74 311	ePn	17 08 34.1	+0.7
HCY	Herceg Novi	1.74 311	ePn	17 08 34.5	+0.4
HCY	Herceg Novi	1.74 311	ePn	17 08 26.6	+1.5
HCY	Herceg Novi	1.74 311	ePn	17 08 35.3	+0.3
HCY	Herceg Novi	1.74 311	ePn	17 09 27.7	+1.1
HCY	Herceg Novi	1.74 311	ePn	17 08 38.7	+1.6
HCY	Herceg Novi	1.74 311	ePn	17 08 41.0	+0.3
HCY	Herceg Novi	1.74 311	ePn	17 08 43.9	+1.1
HCY	Herceg Novi	1.74 311	ePn	17 08 43.6	+0.8

28d 19h

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like TNS5, TNS6, TNS7, etc.

2015 FEB

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like UZB, MNBS, BTLS, etc.

1402

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like NDT, TATO, YM05, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like JANB, AC01, SHEL, and others.

Table with columns for station call letters, frequency, and signal strength. Includes stations like ABPO, ABPO, ABPO, and others.

Table with columns for station call letters, frequency, and signal strength. Includes stations like PMRV, ESDC, ESDC, and others.

28d 20h

ISC 28 19:50:23.7,0.4,3.47S;0.05:137.35E;0.05,h50km,n110,
c#175/11,mB4.4/32,IRian JAY

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists various stations like SRPI Serui, GRI Biak, GENI Jayapura, etc.

2015 FEB

ZALV Zalesovo Beam 71.91 330 P P 20 01 40.0 -1.5

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists various stations like ZALV Zalesovo Beam, KURBB Kurchatov Array, etc.

1406

FINES FINES Array B 91.45 332 P P 20 11 56.1 -0.6

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists various stations like OK031 S. Brethren Rd, QUOK Quay, etc.

IDC 28 19:58:49.4,0.8,4.03N;126.45E,h0km,mb3.9/11,
mb1.4/0.12,mb1mx3.7/40,mbtmp3.9/12,ML3.9/1,MS3.3/3,
MS1.3/3,ms1mx2.7/46,Error ellipse: s-maj=46.2km
s-min=14.8km az=67.0

NEIC 28 19:58:54.2,1.3,4.22N;0.09:126.75E;0.06,h43km;11km,
mb4.4/15,Error ellipse: s-maj=16.3km s-min=1.7km
az=14.0

DJA 28 19:58:58.0,5,4.1N;10.12E;h16km;8km,M4.2/10,
mb4.5/4,mb4.9/2,MLV4.1/10,Mv(m)B4.2/2

ISC 28 19:58:54.2,0.5,4.14N;0.06:126.69E;0.06,h35km,n47,
c#123/47,mb4.1/18,1C,Talaud Islands

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists various stations like SGGSI Sangihe, KCP Kidapawan, etc.

TUL 28 20:01:04.1,6,36.13N;0.01:97.28W;0.02,h5km;6km,
ML3.1,mb_Lg3.1/84(NEIC),Error ellipse: s-maj=2.4km
s-min=1.8km az=70.0

NEIC 28 20:01:04.0,1.4,36.140N;0.007:97.29W;0.02,h5km;6km,
Error ellipse: s-maj=2.6km s-min=0.7km az=69.0

ANF 28 20:01:04.3,0.7,36.12N;97.24W,h5km,ML3.6/8,Error
ellipse: s-maj=11.8km s-min=4.0km az=172.0

ISC 28 20:01:03.9,1.1,36.141N;0.02:97.28W;0.02,h5km;10km,
n92,c#074/95,Oklahoma

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists various stations like OK031 S. Brethren Rd, QUOK Quay, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like R40A Maddies Statio, W45A Hickory Valley, Z47A Carrollton, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NEW Newport, E04D Cinebar, S51A Beattyville, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TRF Thorofare Moun, NEA2 Nenana, PPLA Purkeypyle, etc.

Code Station Name Az AZZ Phase ID Time Res
PMG Port Moresby 4.33 159 Pn Op ISC h m s ISC
PMG 3.5nm,0.3s,baz=24,slow=10.0,SNR=17 Sn
PMG 4.3nm,0.3s,baz=21.3,slow=18,SNR=8.9 Sn

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JOD2, JHU, JYT, etc.

GCG 28-22:05:28.5, 3.4, 11.16N; 95.63W, h0km, 999km, MD5.0
INET 28-22:06:30.1, 13.32N; 92.17W, h15km, ML4.0, MW3.9

UCR 28-22:06:33.9, 1.3, 14.00N; 91.85W, h68km, 15km, ML4.2, mb4.8(NEIC)

GCMT 28-22:06:33.0, 0.2, 13.92N; 01.92E; 21W, 0.02, h27km, MW5.1/98, Moment Tensor Solution. sB1.c102;

ISC 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

Code Station Name Az Phase ID Op h m s Res ISC
RTAL Retalhuleu 0.70 23 i P Pn 22 06 46.2 -1.4

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

SBLs San Blas 2.29 91 e P Pn 22 07 09.0 -0.3

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

CEVE Cerro Verde 2.29 91 e P Pn 22 07 08.4 -0.8

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

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

JTS 28-22:06:37.0, 0.8, 13.88N; 01.04E; 91.98W, 0.04, h51km, 7km, n54.4, r151/556, mb4.7/70, MS4.3/27, 1C-4D, Near coast of Guatemala

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like X40A, X43A, MIAR, etc.

MACC Macarena, Meta 21.38 121 e P P 22 11 20.6 +3.4

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

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SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

SDV Santo Domingo 21.50 101 e P P 22 11 16.0 -2.6

T25A	baz=209	25.69	337	P	P	22 12 02.2 +2.9
P46A	baz=151,SNR=16	25.98	8	P	I	22 12 00.5 -1.2
P46A	comp=Z,36nm,0.8s			I	Amb	22 12 01.3
U60A	Pendleton	26.12	28	P	P	22 12 02.2 -0.7
Q51A	baz=214	26.19	15	P	P	22 12 02.5 -1.0
Q51A	comp=Z,13nm,0.7s			I	Amb	22 12 05.5
214A	Organ Pipe Nat	26.22	317	P	P	22 12 06.6 +2.7
214A	baz=129	26.22	317	P	P	22 12 05.8 +1.8
T59A	Organ Pipe Nat	26.36	27	P	P	22 12 03.9 -1.2
T59A	Double "B" Far			I	Amb	22 12 06.1
W18A	comp=Z,17nm,0.7s	26.53	326	P	P	22 12 09.8 +2.9
W18A	Petrified Fore	26.53	326	P	P	22 12 08.3 +1.4
W18A	baz=139			I	Amb	22 12 11.9
Q53A	comp=Z,39nm,1.5s	26.55	18	P	P	22 12 09.8 +3.1
Q53A	Leroy	26.55	18	P	P	22 12 09.8 +3.1
SDCO	Great Sand Dun	26.64	336	P	P	22 12 10.2 +2.2
SDCO	baz=150,SNR=6.3					
HD1L	Hopedale	26.68	5	P	P	22 12 06.6 -1.3
588A	Poland Farm, P	26.69	25	P	P	22 12 07.9 -0.2
588A	baz=211					
KSCO	Kaye Shedlock'	26.75	341	P	P	22 12 09.1 +0.4
KSCO	baz=156					
KSCO	Kaye Shedlock'	26.75	341	P	I	22 12 08.4 -0.3
KSCO	baz=147			I	Amb	22 12 10.2
SFIN	comp=Z,16nm,0.8s	26.75	8	P	P	22 12 07.3 -1.3
SFIN	Lafayette	26.75	8	P	P	22 12 07.3 -1.3
R58B	baz=190	27.07	25	P	P	22 12 11.3 -0.1
R58B	Mineral	27.07	25	P	P	22 12 11.3 -0.1
S22A	4UR Ranch, Cre	27.20	334	P	P	22 12 15.2 +2.2
S22A	baz=147,SNR=7.4					
R58A	Rapidan	27.30	24	P	P	22 12 13.4 -0.2
R58A	baz=210					
ACSO	Alum Creek Sta	27.42	15	P	P	22 12 13.1 -1.5
ACSO	baz=199					
ACSO	Alum Creek Sta	27.42	15	P	P	22 12 12.8 -1.8
ACSO	Snyder Ridge,	27.49	22	P	P	22 12 15.0 -0.3
ACSO	baz=208					
MV6A	Mesa Verde	27.52	331	P	P	22 12 18.2 +2.4
MV6A	baz=143,SNR=20					
R59A	King George, V	27.58	26	P	P	22 12 16.4 +0.3
R59A	baz=212					
WUAZ	Wupatki	27.73	324	P	P	22 12 20.5 +2.8
Q58A	Fox Den Farm,	27.98	24	P	P	22 12 19.8 +0.2
Q58A	baz=136					
P56A	Dayton Farm, R	28.03	22	P	P	22 12 19.6 -0.4
P56A	baz=208					
PV01	Paradox Valley	28.30	332	P	I	22 12 24.0 +1.2
PV01	comp=Z,22nm,1.5s			I	Amb	22 12 27.5
P57A	Homestead Farm	28.32	23	P	P	22 12 22.0 -0.6
P57A	baz=209					
P57A	Homestead Farm	28.32	23	P	P	22 12 22.2 -0.5
P57A	Parker Dam, Lak	28.57	319	P	P	22 12 27.5 +2.6
P57A	baz=130,SNR=5.8					
O56A	Blue Knob Stat	28.80	22	P	P	22 12 26.2 -0.7
O56A	baz=208					
N54A	Moraine State	28.94	19	P	P	22 12 27.4 -0.8
N54A	baz=204					
BC3	Big Chuckawall	29.02	317	P	P	22 12 32.0 +3.0
P59A	Jarrettsville	29.06	25	P	P	22 12 28.5 -0.7
P59A	baz=212					
O57A	Amberston	29.09	23	P	P	22 12 28.2 -1.3
O57A	baz=209					
IRM	Iron Mountain	29.12	318	P	P	22 12 32.4 +2.5
IRM	baz=178					
N56A	West Decatur	29.47	21	P	P	22 12 32.3 -0.6
N56A	baz=208					
BELC	Belle Mtn. Jos	29.59	317	P	P	22 12 36.7 +2.6
BELC	baz=127					
PFO	Pinyon Flats O	29.67	316	LR	LR	22 24 47.9
PFO	comp=Z,39nm,18.6s			LR	LR	22 24 28.1
NNA	Nana	29.76	149	LR	LR	22 22 47.9
NNA	comp=Z,33nm,19.4s			LR	LR	22 22 28.1
GMRC	Granite Mount	29.84	318	P	P	22 12 39.2 +2.8
GMRC	baz=128					
M56A	Emporium	30.01	21	P	P	22 12 37.3 -0.4
M56A	baz=207					
ECSD	EROS Data Cent	30.02	353	P	P	22 12 38.3 +0.7
ECSD	baz=171					
M57A	Sunshine Farm,	30.26	23	P	P	22 12 38.9 -1.0
M57A	baz=209					
M57A	Sunshine Farm,	30.26	23	P	I	22 12 38.6 -1.3
M57A	baz=212			I	Amb	22 12 39.6
HEC	Hector,Ludlow	30.31	318	P	P	22 12 43.2 +2.8
HEC	baz=128					
M58A	Pric's Panora	30.55	23	P	P	22 12 41.4 -1.0
M58A	baz=211					
SHPR	Sheep Range	30.63	322	P	P	22 12 44.1 +0.7
SHPR	baz=208					
L56A	Greenwood	30.81	21	P	P	22 12 43.0 -1.7
L56A	baz=208					
L57A	Andrews Acres	30.94	22	P	P	22 12 44.3 -1.5
L57A	baz=209					
M59A	Waymart	31.09	24	P	P	22 12 47.1 -0.1
M59A	baz=212					
I51A	Listowel	31.27	15	P	P	22 12 46.7 -2.0
I51A	baz=201					
PAL	Palisades	31.29	27	P	P	22 12 47.7 -1.2
PAL	baz=215					
L58A	Harry Jones Me	31.36	23	P	P	22 12 48.3 -1.2
L58A	baz=211					
K56A	Middlesex	31.38	21	P	P	22 12 48.4 -1.3
K56A	baz=208,SNR=8.2					
BINY	Binghamton	31.44	23	P	P	22 12 49.0 -1.2
BINY	baz=211					
GLMI	Graying	31.48	10	P	P	22 12 49.7 -0.8
GLMI	baz=194					
TPNV	Topopah Spring	31.58	321	P	P	22 12 54.9 +3.1
TPNV	baz=130					
TPNV	Topopah Spring	31.58	321	P	P	22 12 52.8 +1.0
TPNV	Granite Spring	31.60	27	P	P	22 12 50.5 -1.2
TPNV	baz=215					
FURC	Furnace Creek,	31.66	320	P	P	22 12 55.4 +3.2
FURC	baz=129					
K57A	Scipio Center	31.70	22	P	P	22 12 50.5 -2.0
K57A	baz=209					
L59A	Walton	31.80	24	P	P	22 12 52.1 -1.3
L59A	baz=212					
MPMC	Manual Prospec	31.80	319	P	P	22 12 56.2 +2.4
MPMC	baz=128,SNR=9.4					
RSSD	Black Hills	31.86	343	P	P	22 12 54.7 +0.5
RSSD	baz=157					
DUG	Dugway, Tooele	31.95	329	P	P	22 12 57.8 +2.8
DUG	baz=139,SNR=7.4					
DUG	Dugway, Tooele	31.95	329	P	I	22 12 56.3 +1.3
DUG	baz=147			I	Amb	22 12 58.8
L60A	Shokan	31.96	25	P	P	22 12 53.5 -1.4
L60A	comp=Z,9.1nm,1.1s					
K58A	Earlville	32.05	23	P	P	22 12 54.2 -1.4
K58A	baz=211,SNR=5.1					
J56A	Wolcott	32.05	21	P	P	22 12 54.3 -1.2
J56A	baz=208,SNR=13					
KSCA	Kent School, K	32.06	27	P	P	22 12 54.7 -1.0
KSCA	baz=131					
R11A	Troy Canyon, C	32.12	324	P	P	22 12 59.4 +2.9
R11A	baz=133,SNR=11					
CWC	Cottonwood Cre	32.41	319	P	P	22 13 01.7 +2.6
CWC	baz=127					
M63A	Gales Ferry	32.45	29	P	P	22 12 58.1 -1.0
M63A	baz=218					
BW06	Boulder Array	32.54	336	P	P	22 13 03.3 +3.2
BW06	baz=147					
PDAR	Pinedale Array	32.54	336	P	P	22 13 01.4 +1.3
PDAR	comp=Z,3.1nm,0.9s					22 15 48.0 +2.0
PDAR	baz=134,slow=11,SNR=8.2					
PDAR	comp=Z,1.6nm,0.6s					22 28 24.2
PDAR	baz=139,slow=5.0,SNR=7.3					
PDAR	LR					
H53A	Bobcaygeon	32.66	18	P	P	22 12 59.9 -1.0
H53A	baz=204					
UCCT	U. Connecticut	32.68	28	P	P	22 13 00.3 -0.7
UCCT	baz=125					
VES	Vestal, Richgr	32.72	317	P	P	22 13 04.9 +3.4
VES	baz=125					

K61A	Williamstown	32.93	26	P	P	22 13 03.5 +0.3
K61A	baz=215					
J59A	Piesco	33.09	24	P	P	22 13 03.0 -1.6
J59A	Old Forge	33.10	23	P	P	22 13 03.3 -1.5
J59A	baz=211,SNR=6.2					
BOAV	Boa Vista	33.11	107	eP	P	22 13 04.8 -0.4
J60A	Lant Hill Farm	33.33	25	P	P	22 13 05.7 -1.1
J60A	baz=214					
ECR	Eagle Creek	33.53	34	P	P	22 13 09.4 +0.6
G54A	Lake Saint Pet	33.55	18	P	P	22 13 06.8 -1.8
G54A	baz=205					
ELK	Elko	33.61	327	P	I	22 13 11.6 +2.1
ELK	comp=Z,10.0nm,0.7s			I	Amb	22 13 14.4
H57A	Richville	33.61	22	P	P	22 13 07.9 -1.3
H57A	baz=210					
NV11	Minia Array Sit	33.69	321	P	P	22 13 12.7 +2.5
NV11	MDPB	33.77	319	P	P	22 13 13.2 +2.2
NV11	MDPB	33.77	319	P	I	22 13 15.0
NVAR	comp=Z,10nm,0.9s	33.78	321	P	P	22 13 14.3 +3.3
NVAR	Minia Array Bea	33.78	321	P	P	22 13 15.5 +2.0
NVAR	comp=Z,13nm,0.6s					22 28 54.3
NVAR	baz=132,slow=3.4,SNR=5.9					
NVAR	comp=Z,3.0nm,0.7s					22 28 54.3
NVAR	baz=132,slow=3.4,SNR=5.9					
NVAR	comp=Z,7.82nm,18.1s					22 13 13.5 +2.4
NVAR	Minia Array Bea	33.78	321	P	P	22 13 09.4 -1.3
NVAR	baz=129,slow=40					
J61A	Chester	33.78	26	P		

28D 22h

Table with columns: TTA, Station Name, Az, El, P, Az, El, P, Time, Res. Includes stations like Talatina, Eureka, Summit, etc.

TUL 22:06:53.5, 1.3, 36.79N, 0.02:97.88W, 0.03, h3km, 7km, ML2.8, mb_Lg2.9/69(NEIC), Error ellipse: s-maj=3.6km s-min=2.3km az=73.0

NEIC 22:06:53.7, 1.3, 36.79N, 0.02:97.87W, 0.03, h2km, 7km, Error ellipse: s-maj=3.4km s-min=2.5km az=75.0

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like Manchester OK, Carrier, etc.

2015 FEB

Table with columns: U38A, Station Name, Az, El, P, Az, El, P, Time, Res. Includes stations like Gravette Clayton, H3AR W39A, etc.

NEIC 22:39:31.9, 1.6, 4.94S, 0.0:08.151:57E, 0.09, h134km, 7km, mb4.7/54, Error ellipse: s-maj=12.6km s-min=10.8km az=108.0

IDC 22:39:31.8, 0.7, 4.94S, 151:56E, h132km, 6km, mb4.1/24, mb1.4/22, mb1mx4.1/50, mbmtq4.5/27, MS3.2E, Ms1.3/2.9, ms1mx2.7/31, Error ellipse: s-maj=13.2km s-min=9.6km az=101.0

BJI 22:39:31.4, 0.0, 4.84S, 151:49E, h129km, mb4.9/18, mb4.6/35

DJA 22:39:32.0, 0.3, 5.3, 3*15.2E, h139km, 4km, M4.7/28, mb4.8/28, mb5.0/7, MLV5.1/3, Mw(m)4.3/7, Mw(m)6.8/1, Mw(m)6.7/1

ISC 22:39:31.6, 0.4, 4.96S, 0.05:151:56E, 0.06, h129km, n140, s150B/152, mb4.6/54, 1.C, New Britain region

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like Rabaul, Port Moresby, etc.

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Table with columns: FITZ, Station Name, Az, El, P, Az, El, P, Time, Res. Includes stations like Fitzroy Crossi, Luwuk, etc.

Table with columns: ILAR, Eielson Array, 82.77 22 P, 22 51 39.1 -1.8, etc. Includes stations like Kuraybulak, Chumysh, Uchtor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Devils Point, Mare, Loyalty, etc.

DJA 28 22:46:25.0±0.5, 4°N, 4°12' 6"E, h141km, 4km, M4.2/14, mB5.3/3, mb4.0/8, MLV4.2/14, mmb(M)4.8/3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Sangihe, Don Marcelino, Bagumbayan, Su, etc.

ISC 28 22:46:26.7±0.5, 3.94N, 0.05S, 125.73E±0.07, h150km, n53, ±140/61, mb3.9/20, 1.0C, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Sani, APSI, NLAJ, SWI, SIJI, etc.

Table with columns: MK31, Makanchi Array, 56.81 326 P, 22 55 53.0 -2, etc. Includes stations like Karatay Array, Borovoye Array, etc.

ISC 28 22:47:43.3±1.0, 22°75'N, 95°95'E, h0km, mb3.7/10, m1 3.9/11, m1mx3.6/54, mbtmp3.8/11, ML4.1/1, MS3.1/2, Ms1 3.2/2, ms1mx2.8/41, Error ellipse: s-maj=37.1km

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

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

ISC 28 23:03:30.4±1.9, 9°47'S, 155°75'E, h0km, mb3.8/8, m1 4.1/9, m1mx3.9/28, mbtmp3.8/9, ML4.1/1, MS3.3/4, Ms1 3.3/4, ms1mx3.0/27, Error ellipse: s-maj=47.8km

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

ISC 28 23:03:34.9±1.1, 9°56'S, 0°08', 155°91'E±0.08, h10km, 2km, mb4.0/8, Error ellipse: s-maj=15.4km s-min=11.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Honiara, Rabaul, Port Moresby, etc.

Table with columns: SOMM, Songino Array, 71.98 327 P, 23 14 55.3 +0.2, etc. Includes stations like Eielson Array, Makanchi Array, etc.

TEH 28 23:05:49.1, 39°17'N, 51°92'E, h10km, ML3.0, AZER 28 23:05:52.8±0.4, 39°36'N, 51°78'E, h45km, 25km, m13.3/28, Error ellipse: s-maj=26.3km s-min=5.1km az=289.0

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

ISC 28 23:06:10.9±0.9, 13°46'N, 44°77'W, h0km, mb3.8/9, m1 4.0/10, m1mx3.7/40, mbtmp3.9/10, ML3.6/11, MS3.5/17, Ms1 3.5/17, ms1mx3.3/39, Error ellipse: s-maj=24.8km s-min=20.3km az=111.0

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

ISC 28 23:06:13.2±0.8, 13.4N, 0.1±0.44W±0.1, h15km, n25, ±192/10, mb4.0/8, MS3.4/16, Northern Mid-Atlantic Ridge

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

IASPEI 28 23:08:44.2.0.8, 36°53'N, 0°02:89.64W, 0.02, h17km, 4km, Error ellipse: s-maj=3.2km s-min=2.9km az=120.2, GT5 selection from ISC bulletin GT5 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <I>Seism. Res. Lett. </I>, 80, 465-472, 2009

SLM 28 23:08:44.5.0.8, 36°54'N, 0°01:89.64W, 0.01, h13km, 4km, Mdz=1.50, mb_Lg3.2/141 (NEIC), Error ellipse: s-maj=1.8km s-min=1.6km az=113.0

NEIC 28 23:08:44.6.0.7, 36°53'N, 0°01:89.64W, 0.01, h14km, 3km, Error ellipse: s-maj=1.7km s-min=1.5km az=91.0

ANF 28 23:08:44.1.0.5, 36°52'N, 89°61'W, h10km, ML3.9, Error ellipse: s-maj=7.0km s-min=5.6km az=42.0

ISC 28 23:08:44.5.0.8, 36°53'N, 0°02:89.64W, 0.02, h15km, 4km, n160, r053/135, New Madrid region, Missouri

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MARMO	Marston	0.03	274	Op	ISC	
MARMO				Pg	23 08 47.1	0.0
NMEM	New Madrid Sch	0.06	42	Pg	23 08 49.3	+0.3
NMEM				Sg	23 08 47.3	-0.1
WALK	Watson Lake	0.08	82	Pg	23 08 49.6	+0.3
WALK				Sg	23 08 47.5	-0.1
WALK				Pg	23 08 50.0	+0.4
PENMO	Penman	0.08	175	Sg	23 08 47.9	-0.1
PENMO				Pg	23 08 49.3	-0.2
CATM	Catron	0.09	354	Pg	23 08 47.6	-0.1
CATM				Sg	23 08 50.1	+0.4
NMIMO	New Madrid	0.09	49	Pg	23 08 47.6	-0.1
NMIMO				Sg	23 08 50.2	+0.4
PGVM	Portageville	0.10	228	Sb	23 08 49.8	0.0
PGVM				Pg	23 08 50.4	-0.1
PGBM	Portage Bay	0.12	190	Pg	23 08 48.0	0.0
PGBM				Sb	23 08 50.9	-0.2
PVMO	Portageville	0.12	204	Pg	23 08 47.9	-0.2
PVMO				Sg	23 08 50.5	-0.1
PPLM	Point Pleasant	0.13	161	Sg	23 08 48.2	+0.1
PPLM				Sb	23 08 51.4	-0.1
PARMO	Parma	0.16	326	Sg	23 08 48.5	-0.1
PARMO				Pg	23 08 51.1	-0.2
SJMO	Saint John's B	0.16	52	Pg	23 08 48.6	0.0
SJMO				Sg	23 08 51.7	-0.5
KEWM	Kewanee	0.17	12	Pg	23 08 48.7	-0.1
KEWM				Sg	23 08 52.0	+0.4
COKM	Charter Oak	0.20	338	Pg	23 08 49.1	0.0
COKM				Sg	23 08 52.5	+0.4
TOPM	Tallapoosa	0.20	269	Pg	23 08 49.2	0.0
WADM	Wardell	0.21	218	Pg	23 08 49.3	+0.1
WADM				Sb	23 08 53.1	-0.4
WYBT	Wynnborg	0.21	148	Pg	23 08 49.5	+0.2
WYBT				Sb	23 08 53.6	-0.1
HENM	Henderson Moun	0.23	35	Pg	23 08 49.5	-0.1
MATM	Mathews	0.25	65	Pg	23 08 49.8	0.0
MATM				Sg	23 08 53.9	+0.3
MLDM	Malden	0.25	293	Pg	23 08 49.9	0.0
MLDM				Sg	23 08 53.9	+0.3
FLPT	Flippin	0.28	115	Pg	23 08 50.6	+0.1
FLPT				Sb	23 08 55.2	-0.5
DWDM	Dogwood	0.29	23	Pg	23 08 50.5	-0.1
DWDM				Sg	23 08 55.2	+0.3
EPRM	East Prairie	0.29	50	Pg	23 08 50.5	-0.1
HICK	Hickman	0.33	88	Pg	23 08 51.2	-0.1
HICK				Sg	23 08 56.5	+0.5
BETH	Bethany	0.35	284	Pg	23 08 51.7	0.0
BRNM	Bernie	0.37	159	Pg	23 08 52.1	+0.1
BRGM	Braggadocio	0.37	209	Pg	23 08 52.2	+0.1
MIST	Miston	0.37	163	Pg	23 08 52.4	+0.2
GLAT	Glass	0.38	132	Pg	23 08 52.4	+0.2
GLST	Glass	0.38	132	Pg	23 08 52.4	+0.2
CHRM	Charleston	0.39	34	Pg	23 08 52.3	-0.2
GUAM	Guam	0.40	336	Pg	23 08 52.3	-0.2
LNXT	Lenox	0.44	165	Pg	23 08 53.5	+0.2
LNXT	Lenox	0.44	165	P	23 08 53.5	
PEBM	Pennscoot Bayo	0.45	204	Pg	23 08 53.5	0.0
CWPT	Cottonwood Poi	0.52	179	Pg	23 08 54.9	+0.2
CHNM	Channel	0.54	206	Pg	23 08 55.1	0.0
CHNM				Sb	23 09 03.1	0.0
GNAR	Gosnell	0.64	209	Pg	23 08 57.2	0.0
UTMT	University of	0.65	106	Pg	23 08 56.9	-0.3
SALT	Halls	0.65	159	Pg	23 08 57.1	-0.5
PBMO	Poplar Bluff	0.69	292	Pg	23 08 57.2	-0.6
PBMO	Poplar Bluff	0.69	292	P	23 08 57.2	
PBMO				S	23 09 06.4	
T45B	Paducah	0.93	58	P	23 09 01.3	
T45B				S	23 09 14.0	
T45A	Paducah	0.94	58	Pb	23 09 01.3	-1.1
LPAR	Lepanto	1.07	210	Pb	23 09 04.0	-0.7
S44A	Carbondale	1.20	15	Pn	23 09 06.1	-0.6
S44A	Carbondale	1.20	15	P	23 09 05.9	
S44A				S	23 09 21.7	
SFTN	Shelby Forest	1.21	195	Pn	23 09 06.5	-0.2
SIUC	Southern Illin	1.23	16	Pn	23 09 06.4	-0.7
T42A	Van Buren	1.27	294	P	23 09 07.0	-0.7
T42A	Van Buren	1.27	294	P	23 09 06.9	
T42A				S	23 09 24.0	
HBAR	Harrisburg	1.27	221	Pn	23 09 07.3	-0.4
HBAR				IAMB_Lg	23 09 25.7	
HBAR				P	23 09 07.3	
HBAR				S	23 09 25.2	
LCAR	Lake Charles	1.31	250	Pn	23 09 07.6	-0.5
EBZ	Ebenezer Churc	1.40	170	Pn	23 09 09.6	+0.1
W45A	Hickory Valley	1.42	165	P	23 09 09.5	-0.2
W45A				P	23 09 09.4	
W45A				S	23 09 29.0	
MET	Mempphis-Engin	1.42	190	Pn	23 09 09.7	0.0
WVT	Waverly	1.51	105	Pn	23 09 10.9	0.0
WVT				S	23 09 30.8	+0.4
WVT				P	23 09 10.7	-0.3
WVT				P	23 09 10.6	
WVT				S	23 09 31.5	
FVM	French Village	1.58	337	Pn	23 09 12.2	+0.2
FVM	French Village	1.58	337	P	23 09 11.8	
FVM				S	23 09 33.0	
CCM	Cathedral Cave	1.99	320	Pn	23 09 18.6	+1.0
CCM				S	23 09 42.7	+0.4
CCM				P	23 09 33.0	
CCM				Pn	23 09 18.5	+0.9
CCM				P	23 09 18.5	
CCM				S	23 09 45.4	
PLAL	Pickwick Lake	2.00	140	Pn	23 09 17.4	-0.2
PWLA	Pickwick Lake	2.01	140	Pn	23 09 17.5	-0.3
OXF	Oxford	2.02	175	Pn	23 09 18.1	+0.1
OXF				S	23 09 43.7	+0.8
OXF				Pn	23 09 17.9	-0.1
OXF				P	23 09 17.9	
T47A	Sharon Grove	2.08	77	Pn	23 09 19.3	+0.4
T47A	Sharon Grove	2.08	77	P	23 09 19.4	
FCAR	Ozark Folt Cen	2.11	253	Pn	23 09 20.2	+1.0
FCAR				IAMB_Lg	23 09 53.0	
USIN	University of	2.13	47	Pn	23 09 19.9	+0.5
SLM	Saint Louis	2.16	347	Pn	23 09 20.9	+1.0

MGMO	Mountain Grove	2.20	287	Pb	23 09 22.4	-1.6
MGMO				IAMB_Lg	23 09 54.1	
X43A	Marvell	2.25	207	P	23 09 21.7	+0.6
X43A				Pn	23 09 21.6	
V48A	Smith Brothers	2.41	108	P	23 09 23.8	+0.4
V48A				Pn	23 09 23.9	
Q44A	Smith Brothers	2.42	108	P	23 09 23.8	+0.4
Q44A				Pn	23 09 23.9	
Q44A	Meyer Farm, Va	2.42	12	Pn	23 09 24.8	+1.3
Q44A				Pn	23 10 02.9	
Q44A				IAMB_Lg	23 10 02.9	
Q44A				P	23 09 25.2	
Q44A				Pn	23 09 24.9	+0.6
Q44A				Pn	23 10 07.2	
W41B	Gary Mavity, V	2.52	238	P	23 09 25.2	+0.4
W41B				S	23 09 55.6	+0.5
W41B				Sn	23 09 55.6	+0.5
W41B				P	23 09 25.3	
W41B				P	23 09 25.3	
OLIL	Olney	2.52	29	Pn	23 09 25.0	+0.2
OLIL				IAMB_Lg	23 10 09.3	
U40A	Yellville	2.60	267	P	23 09 26.9	+1.0
U40A				Pn	23 09 27.1	+1.2
U40A				Pn	23 09 28.6	
U40A				P	23 09 28.6	
U40A				P	23 09 28.6	
Y45A	Yeager Farm, C	2.66	178	Pn	23 09 27.1	+0.4
CLTN	Cedars of Leba	2.71	98	P	23 09 27.4	0.0
R40A	Maddies Statio	2.74	311	P	23 09 28.9	
X48A	Hartselle	2.96	134	Pn	23 09 31.2	+0.3
X48A				IAMB_Lg	23 10 17.1	
X48A				P	23 09 30.9	
X48A				Pn	23 09 33.5	+0.6
U49A	Red Boiling Sp	3.11	89	P	23 09 33.5	+0.6
U49A				IAMB_Lg	23 10 23.2	
U49A				P	23 09 33.5	
P43A	Scagg's, Pawnee	3.11	2	Pn	23 09 34.1	+1.1
CCAR	Cane Creek	3.14	214	Pn	23 09 33.5	+0.1
WCI	Wyandotte Cave	3.16	56	Pn	23 09 33.6	0.0
WCI				IAMB_Lg	23 09 33.8	+0.2
WCI				Pn	23 10 25.0	
WCI				P	23 09 33.7	
WCI				P	23 09 33.7	
S39A	Bolivar	3.17	293	Pn	23 09 34.8	+1.1
S39A				P	23 09 34.9	
SWET	Sevanee	3.28	112	Pn	23 09 36.2	+0.9
X40A	Basin Creek Fa	3.31	233	Pn	23 09 36.4	+0.7
X40A				Pn	23 09 36.2	+0.5
X40A				IAMB_Lg	23 10 33.9	
X40A				P	23 09 36.7	
X40A				P	23 09 36.7	
P40A	Basin Creek Fa	3.55	328	IAMB_Lg	23 10 40.5	
Z47A	Carrollton	3.56	158	IAMB_Lg	23 10 40.4	
W39A	Magazine	3.62	250	Pn	23 09 41.2	+1.2
W39A				IAMB_Lg	23 10 45.9	
P46A	Rosedale	3.63	31	Pn	23 09 41.0	+0.9
Y49A	Blount Mountai	3.75	134	Pn	23 09 42.0	+0.2
Y49A				IAMB_Lg	23 10 47.4	
Y49A				P	23 09 41.8	
W50A	Blount Mountai	3.75	134	Pn	23 09 42.7	+0.8
W50A				IAMB_Lg	23 10 44.2	
MIAR	Mount Ida	3.77	240	Pn	23 09 42.7	+0.6
MIAR				IAMB_Lg	23 10 44.5	
MIAR				P	23 09 42.8	
MIAR				P	23 09 42.8	
U38A	Gravette	3.83	270	Pn	23 09 44.0	+1.1
FPAL	Fort Painc	3.83	120	Pn	23 09 43.1	+0.1
T50A	Nancy	3.88	81	Pn	23 09 44.9	+1.3
146A	Union	3.91	173	Pn	23 10 58.1	
R49A	Shelbyville	3.97	62	Pn	23 09 45.2	+0.5
WLAR	White Oak Lake	4.02	226	Pn	23 09 45.6	+0.1
143A	Sox Landing,	4.08	201	IAMB_Lg	23 11 04.0	
LRAL	Lakeview Retre	4.11	147	Pn	23 09 46.4	-0.3
LRAL				IAMB_Lg	23 11 01.3	
LRAL				P	23 09 46.4	
LRAL				P	23 09 46.4	
CMGA	Chestnut Mount	4.20	115	Pn	23 09 49.0	+1.0
N41A	Harden Midland	4.28	347	IAMB_Lg	23 10 60.0	
CPCT	Cooper Cave	4.29	103	Pn	23 09 50.0	+0.9
V51A	Loudon	4.34	98	Pn	23 09 50.4	+0.6
V51A				IAMB_Lg	23 11 05.3	
V51A						

ISC Computed Locations for February 2015

