

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

1d 1h

PNTA	Pine Nut	21.13 338	P	P	01 34 01.4 -0.2
U38A	Gravette	21.20 35	P	P	01 34 01.8 -0.3
BGU	Big Grassy Mou	21.28 352	P	P	01 34 02.8 -0.3
BGU	comp=Z,7.0nm,1.0s		Iamb	Iamb	01 34 06.4
VCNR	Virginia City	21.33 338	P	P	01 34 04.1 +0.4
ELK	Elko	21.46 348	P	P	01 34 07.3 +2.2
ELK	comp=Z,2.3nm,0.9s,baz=187,slo=11,SNR=5.8		LR	LR	01 42 41.2
ELK	comp=Z,71nm,19.8s,baz=135,slo=58		LR	LR	01 34 04.6 -0.5
ELK	Elko	21.46 348	P	P	01 34 06.2 -0.2
SPUT	South Promonto	21.59 354	P	P	01 34 09.9
SPUT	comp=Z,10.0nm,1.1s		Iamb	Iamb	
BMN	Battle Mountain	21.62 344	P	P	01 34 07.0 +0.3
HWUT	Hardware Ranch	21.81 356	P	P	01 34 06.9 -1.9
HWUT	comp=Z,11nm,1.1s		Iamb	Iamb	01 34 17.9
BEKR	Beckworth	22.09 337	P	P	01 34 11.7 -0.2
BEKR	comp=Z,11nm,1.2s		Iamb	Iamb	01 34 22.3
HVU	Hansel Valley	22.09 353	P	P	01 34 11.0 -0.9
HVU	comp=Z,8.9nm,1.2s		Iamb	Iamb	01 34 20.6
ORV	Oroville	22.26 335	P	P	01 34 12.5 -1.0
ORV	comp=Z,15nm,1.4s		Iamb	Iamb	01 34 23.9
PDAR	Pinedale Array	22.90 360	P	P	01 34 21.5 +1.0
PDAR	comp=Z,0.9nm,0.9s,baz=161,slo=9.4,SNR=6.9		LR	LR	01 42 33.1
PDAR	comp=Z,99nm,20.2s,baz=191,slo=35		LR	LR	01 34 19.3 -1.2
PDAR	Pinedale Array	22.90 360	P	P	01 34 18.3 -2.2
K22A	Casper	22.91 6	P	P	01 34 22.6 -1.4
Z47A	Carrollton	23.27 51	P	P	01 34 22.6 -1.4
REDW	Red Top Meadow	23.52 357	P	P	01 34 36.6
REDW	comp=Z,14nm,1.4s		Iamb	Iamb	
W45A	Hickory Valley	23.53 45	P	P	01 34 26.2 -0.4
LOHW	Long Hollow	23.76 358	P	P	01 34 27.7 -1.3
LOHW	comp=Z,8.3nm,1.4s		Iamb	Iamb	01 34 34.4
WVOR	Wild Horse Val	23.87 343	P	P	01 34 28.4 -1.5
WVOR	comp=Z,14nm,1.3s		Iamb	Iamb	01 34 34.4
MOD	Modoc Plateau	23.88 340	P	P	01 34 30.0 -0.1
HLID	Hailey	24.06 351	P	P	01 34 31.4 -0.2
MFID	Camas Ranch	24.15 349	P	P	01 34 32.3 -0.1
MFID	comp=Z,11nm,1.5s		Iamb	Iamb	01 34 36.1
YBH	Yreka Blue Hor	24.59 336	LR	LR	01 42 44.0
J08A	Circle Bar Ran	24.68 344	P	P	01 34 36.3 -1.0
J08A	comp=Z,13nm,1.4s		Iamb	Iamb	01 34 48.1
YHH	Holmes Hill	24.95 358	P	P	01 34 39.0 -0.9
YHH	comp=Z,6.3nm,1.0s		Iamb	Iamb	01 34 44.6
YHL	Hebgen Lake	25.02 357	P	P	01 34 38.9 -1.7
FPAL	Fort Paine	25.70 349	P	P	01 34 45.6 -1.0
PLUD	Pearl Lake	26.80 350	P	P	01 34 46.9 -0.7
PLUD	comp=Z,3.5nm,1.1s		Iamb	Iamb	01 34 49.5
W50A	Signal Mountai	26.24 49	P	P	01 34 51.2 -0.2
HRV	Holter Researc	26.91 356	P	P	01 34 58.1 +0.6
CPCT	Cooper Cave	26.92 49	P	P	01 34 58.1 +0.6
CPCT	comp=Z,7.8nm,1.0s		Iamb	Iamb	01 35 01.8
TKL	Tuckaleechee C	27.56 50	LR	LR	01 46 40.4
TKL	comp=Z,7.2nm,18.6s,baz=245,slo=58		LR	LR	01 47 33.7
NEW	Newport	29.07 439	LR	LR	01 47 33.7
NEW	comp=Z,131nm,21.9s,baz=182,slo=38		LR	LR	01 49 19.9
ULM	Lac du Bonnet	32.24 16	LR	LR	01 49 19.9
ULM	comp=Z,81nm,20.2s,baz=185,slo=38		LR	LR	
OTAV	Otavallo	36.05 119	P	P	01 36 18.3 -0.2
SDV	Santo Domingo	39.04 100	P	P	01 36 43.3 -0.2
TAOE	Nuku Hiva Isla	41.53 230	eT	T	02 20 58.5
YKA	Yellowknife Ar	42.81 356	LR	LR	01 55 43.3
YKA	comp=Z,1.08nm,18.4s,baz=0,slo=57		LR	LR	01 52 02.7
NNA	Nana	45.04 132	LR	LR	01 52 02.7
NNA	comp=Z,66nm,21.6s,baz=328,slo=30		LR	LR	01 38 17.4 +1.4
INK	Inuvik	50.79 349	P	P	01 38 17.4 +1.4
INK	comp=Z,6.2nm,0.9s,baz=193,slo=8,SNR=16		P	P	01 38 15.4 -0.6
INK	Inuvik	50.79 349	P	P	01 38 21.3 +1.1
ILAR	Eielson Array	51.34 341	P	P	02 00 02.5
ILAR	comp=Z,0.8nm,0.7s,baz=142,slo=6.5,SNR=8.0		P	P	
ILAR	Eielson Array	51.34 341	P	P	02 00 02.5
ILAR	comp=Z,6.7nm,21.4s,baz=146,slo=36		P	P	01 34 21.1 +0.9
PPT	Papeete	54.14 229	LR	LR	01 55 57.0
PPT	comp=Z,5.7nm,19.6s,baz=62,slo=29		LR	LR	01 54 17.1
PPT2	Papeete2	54.16 229	eLR	LR	01 54 17.1
PPT2	comp=Z,1.58nm,28.2s		LR	LR	
LPAZ	La Paz	54.17 129	P	P	01 58 49.9 +2.4
LPAZ	comp=Z,1.4nm,0.7s,baz=315,slo=5.9,SNR=5.7		LR	LR	01 58 32.3
LPAZ	comp=Z,6.7nm,21.1s,baz=301,slo=32		LR	LR	
H03N2	Juan Fernandez	60.42 151	T	T	02 45 07.5
H03N2	baz=329,slo=78,SNR=46		T	T	02 45 09.7
H03N1	Juan Fernandez	60.43 151	T	T	02 45 09.7
H03N1	baz=329,slo=78,SNR=50		T	T	02 45 01.8
H03N3	Juan Fernandez	60.44 151	T	T	02 45 01.8
H03N3	baz=329,slo=78,SNR=48		LR	LR	01 59 39.9
RAR	Rarotonga	63.91 233	LR	LR	01 59 39.9
RAR	comp=Z,7.5nm,21.0s,baz=44,slo=28		LR	LR	01 40 29.9 +2.3
BDFB	Brasilia	69.90 116	P	P	01 40 29.2 +1.6
BDFB	comp=Z,0.8nm,0.3s,baz=356,slo=7.5,SNR=3.5		Iamb	Iamb	01 40 34.0
BDFB	Brasilia	69.90 116	P	P	01 40 29.2 +1.6
BDFB	comp=Z,1.58nm,28.2s		Iamb	Iamb	
PLCA	Paso Flores	70.24 150	LR	LR	02 04 29.9
PLCA	comp=Z,7.8nm,18.3s,baz=337,slo=30		LR	LR	02 21 20.4
ESDC	Sonsec Array	88.85 48	LR	LR	02 21 20.4
ESDC	comp=Z,1.9nm,19.6s,baz=0,slo=35		LR	LR	01 11 56.9
DZM	Mont Dumac	92.07 247	eLR	LR	02 18 14.0 +5.9
DZM	comp=Z,1.80nm,27.6s		PKIKP	PKIKP	
WRA	Warramunga Arr	120.36 258	PKIKP	PKIKP	01 48 15.9 +5.8
WRA	comp=Z,0.6nm,1.0s,baz=82,slo=2.3,SNR=2.4		PKIKP	PKIKP	
ASAR	Alice Springs	121.44 254	P	P	01 48 15.9 +5.8
ASAR	comp=Z,0.2nm,0.5s,baz=93,slo=1.9,SNR=1.8		P	P	

NCC 01 01:29:56.9:16.0,36.79N-70.48E,h0km,mb3.7,mpv3.4, 4C-2D, Error ellipse: s-maj=128.2km s-min=110.3km az=164.0,Hindu Kush region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
KK07	Karatay Array	6.29	0	Op	01 31 32.0 +1.0	P				
KK07	1.0nm,0.3s,baz=178,slo=22			Op	01 32 43.1 -0.5	Sb				
AAK	Ala-Archa	6.61	27	Op	01 31 35.1 -0.3	Pn				
AAK	1.2nm,0.3s			Op	01 32 48.8 -2.7	Sb				
TKM2	Tokmak 2	7.28	31	Op	01 31 42.9 -1.8	Pn				
TKM2	1.3nm,0.6s			Op	01 33 17.0 +8.9	Sb				

KRNET 01 01:33:10.0:1.0,40.78N-77.78E,h18km,mb3.4 SOME 01 01:33:11.2,40.80N-77.73E,h10km

NCC 01 01:33:12.1:0.9,40.87N-77.76E,h0km,mb4.0,mpv3.6, Error ellipse: s-maj=6.1km s-min=4.4km az=172.0

ISC 01 01:33:12.2:1.6,40.88N-077.73E,0.04,h10km,n69, az=178/103,28C-17D,Kyrgyzstan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
TARG	Taragay, Kyrgy	0.85	4	Op	01 33 28.4 -0.4	P				
TARG	baz=1.0			Op	01 33 41.8 +0.7	Sb				
KDJ	Kajisay	1.32	342	Op	01 33 36.8 -0.4	Pb				
KDJ	baz=42			Op	01 33 56.4 +1.7	Sb				
PRZ	Przheval'sk	1.68	17	Op	01 33 43.1 -0.3	Pb				
PRZ	baz=15			Op	01 34 07.1 +0.7	Sg				
ULHL	Ulahol	1.77	321	Op	01 33 44.7 -0.2	Pb				
ULHL	SNR=52			Op	01 33 44.7 -0.2	Pb				

2015 DEC

ULHL	baz=22		Op	Sg	01 34 10.1 +1.0
ULHL	baz=22		Op	Sg	01 34 10.1 +1.0
ANVS	Anan yevso	1.91 359	Op	Pb	01 33 47.4 +0.2
ANVS	baz=56		Op	Pb	01 34 14.4 +0.9
ANVS	baz=56		Op	Pb	01 33 49.8 -0.7
BOOM	Booms koye usch	2.10 321	Op	Pb	01 34 18.8 -0.9
BOOM	baz=22		Op	Sg	01 33 53.5 +0.5
TNSS	Tian-Shan	2.24 345	Op	Pb	01 34 24.2
TNSS	44nm,0.4s		Op	Sg	01 33 53.5 +0.5
TNSS	47nm,0.9s		Op	Lg	01 34 24.2
TNSS	Tian-Shan	2.24 345	Op	Pg	01 33 54.0 -1.1
TNSS	44nm,0.4s		Op	Lg	01 34 24.2
TNSS	47nm,0.9s		Op	Lg	01 34 24.2
SATY	Saty	2.24 13	Op	Pg	01 33 25.0 +0.8
SATY	7.8nm,0.3s		Op	eS	01 33 54.0 -1.1
SATY	90nm,1.0s		Op	Pg	01 34 25.0
SATY	Saty	2.24 13	Op	Pg	01 33 55.1 +0.4
SATY	7.8nm,0.3s		Op	eS	01 34 26.6 -0.8
SATY	90nm,1.0s		Op	Lg	01 34 25.0
MDOK	Medeo	2.34 348	Op	Pb	01 33 55.1 +0.4
MDOK	24nm,0.5s		Op	eS	01 34 26.6 -0.8
MDOK	84nm,0.7s		Op	eS	01 34 26.6 -0.8
MDOK	Medeo	2.34 348	Op	Pg	01 33 54.3 -0.4
MDOK	18nm,0.5s		Op	Lg	01 34 27.3
MDOK	108nm,0.8s		Op	Lg	01 33 55.1 +0.4
MDOK	24nm,0.5s		Op	Pb	01 34 26.6
MDOK	84nm,0.7s		Op	Lg	01 34 26.6
KOTS	Kotrybulak	2.40 349	Op	Pg	01 33 57.4 -0.9
KOTS	20nm,0.3s		Op	eS	01 34 30.5
KOTS	68nm,0.3s		Op	eS	01 33 57.4 -0.9
KOTS	Kotrybulak	2.40 349	Op	Pg	01 34 30.5
KOTS	20nm,0.3s		Op	Lg	01 34 30.5
KOTS	68nm,0.3s		Op	Lg	01 33 56.6 +0.9
KNDC	Almaty	2.41 347	Op	Pg	01 34 30.9
KNDC	37nm,0.5s		Op	Op	01 33 57.3 -1.1
AAA	Alma-Ata	2.41 346	Op	Pg	01 33 57.3 -1.1
AAA	201nm,0.6s		Op	Pg	01 34 31.1 +1.5
AAA	Alma-Ata	2.41 346	Op	Pg	01 33 57.3 -1.1
AAA	71nm,0.5s		Op	Lg	01 34 31.1
AAA	202nm,0.7s		Op	Lg	01 33 57.4 +0.9
MTBS	Matibue	2.45 337	Op	Pb	01 34 31.6
MTBS	20nm,0.4s		Op	eS	01 33 56.5 -0.3
MTBS	63nm,0.4s		Op	eS	01 33 57.4 +0.9
MTBS	Matibue	2.45 337	Op	Pg	01 34 31.6
MTBS	20nm,0.4s		Op	Lg	01 33 56.5 -0.3
MTBS	63nm,0.4s		Op	Lg	01 33 56.5 -0.3
UZB	Uzynbulak	2.46 23	Op	Pb	01 34 29.1
UZB	6.8nm,0.3s		Op	eS	01 33 58.7 +0.8
UZB	40nm,0.6s		Op	Pb	01 34 32.8 -0.9
UZB	Uzynbulak	2.46 23	Op	Pg	01 33 58.7 +0.8
UZB	6.8nm,0.3s		Op	Pb	01 34 32.8
UZB	40nm,0.6s		Op	Lg	01 33 59.7 +0.8
KST	Kastek	2.54 329	Op	Pb	01 33 59.7 +0.8
KST	27nm,0.3s		Op	Lg	01 33 59.7 +0.2
KST	35nm,0.5s		Op	Pb	01 34 35.5
KST	Kastek	2.54 329	Op	Pg	01 33 56.7 -2.2
KST	27nm,0.3s		Op	Lg	01 34 30.9 0.0
KST	35nm,0.5s		Op	Pb	01 34 00.6 -2.0
TKM2	Tokmak 2	2.59 323	Op	Pb	01 33 59.7 +0.2
TKM2	SNR=25		Op	Pb	01 33 56.7 -2.2
TKM2	Tokmak 2	2.59 323	Op	Pg	01 34 30.9 0.0
TKM2	11nm,0.5s		Op	Lg	01 34 00.6 -2.0
TKM2	18nm,0.6s		Op	Pb	01 34 36.1 -0.6
TKM2	Tokmak 2	2.59 323	Op	Pg	01 34 00.6 -2.0
TKM2	baz=23				

SESP	18nm,0.3s,SNR=7.9	S	Sb	04 04 48.2 -0.9	
ESPR	Espera 0.7nm,0.1s,SNR=4.0	2.12 290	P	Pn	04 04 22.0 +1.0
ESPR	0.9nm,0.4s,SNR=7.9	S	Sn	04 04 47.4 +0.3	
EADA	Adamuz 0.8nm,0.1s,SNR=7.9	2.22 335	P	Pn	04 04 23.2 +0.7
EADA	0.9nm,0.3s,SNR=7.9	S	Sn	04 04 50.2 +0.4	
CART	Cartagena	2.38 53	P	Pn	04 04 24.6 -0.1
CART	0.4nm,0.1s,SNR=7.9	S	Sn	04 04 53.3 -0.4	
EMUR	La Murta 1.3nm,0.5s,SNR=7.9	2.40 45	P	Pn	04 04 25.2 +0.3
EMUR	1.1nm,0.5s,SNR=7.9	S	Sn	04 04 54.1 -0.2	
ECAB	Ei Cabril 0.1nm,0.1s,SNR=7.9	2.51 320	P	Pn	04 04 26.9 +0.4
ECAB	5.2nm,0.4s,SNR=7.9	S	Sn	04 04 57.1 +0.1	
LCRM	LCR	2.75 207	P	Pn	04 04 31.2 +1.4
LCRM	0.4nm,0.1s,SNR=7.9	S	Sn	04 04 54.8 +1.9	
ETOB	Tobarra 3.0nm,0.2s,SNR=40	2.88 30	P	Pn	04 04 33.6 +2.1
ETOB	4.0nm,0.3s	S	Sn	04 05 07.4 +1.3	
IFR	Ifrane	3.00 209	P	Pn	04 04 34.1 +0.8
IFR	0.6nm,0.2s,SNR=7.9	S	Sn	04 05 08.7 -0.5	
EMIN	Mina Concepcio 0.6nm,0.2s,SNR=7.9	3.09 302	P	Pn	04 04 34.8 +0.5
EMIN	1.8nm,0.3s,SNR=7.9	S	Sn	04 05 10.1 -1.0	
TDRA	Tendrara	3.30 160	P	Pn	04 04 38.7 +1.2
TDRA	0.7nm,0.3s,SNR=7.9	S	Sn	04 05 17.3 +0.6	
PAB	San Pablo	3.47 348	P	Pn	04 04 41.2 +1.6
PAB	0.4nm,0.2s,SNR=7.9	S	Sn	04 05 21.1 +0.5	
MD31	MD31	3.47 199	P	Pn	04 04 39.7 +0.1
MD31	0.4nm,0.0s	S	Sn	04 05 21.5 +0.8	
MDT	Midelt	3.48 197	P	Pn	04 04 40.0 +1.9
MDT	0.4nm,0.1s,SNR=7.9	S	Sn	04 05 21.3 +0.3	
EDSC	Sonsecra Array 0.9nm,0.3s,baz=173,slow=12,SNR=5.7	3.54 353	P	Pn	04 04 41.5 +0.9
EDSC	0.9nm,0.3s,baz=168,slow=15,SNR=7.9	S	Sn	04 05 21.4 -1.0	
EGRO	Ei Granado 0.6nm,0.1s,SNR=7.9	3.56 294	P	Pn	04 04 41.9 +1.1
EGRO	2.0nm,0.3s,SNR=7.9	S	Sn	04 05 21.2 -1.6	
PVAQ	Vaqueiros	3.70 291	ePn	Pn	04 04 43.8 +1.1
PVAQ	0.4nm,0.6s	eSn	A	04 05 25.1 -1.0	
PVAQ	3.4nm,0.6s	S	Sn	04 04 43.8 +1.1	
PVAQ	3.4nm,0.6s	S	Sn	04 05 25.1 -1.0	
PVAQ	Vaqueiros	3.70 291	P	Pn	04 04 44.5 +1.9
PVAQ	ZHG	3.81 226	P	Pn	04 05 25.3 -0.8
ZHG	ZHG	3.81 226	P	Pn	04 04 44.5 +0.2
ZHG	Barranco-do-Ve	3.81 288	ePn	Pn	04 04 45.3 +1.0
PBDV	PBDV	3.81 288	eSn	Pn	04 05 26.3 -2.7
PBDV	Barranco-do-Ve	3.81 288	ePn	Pn	04 04 45.3 +1.0
PBDV	0.2nm,0.1s,SNR=7.9	S	Sn	04 05 26.3 -2.7	
EBAD	Badajoz	3.88 313	P	Pn	04 04 45.5 +0.3
EBAD	1.4nm,0.2s,SNR=7.9	S	Sn	04 05 29.0 -1.7	
ECHE	Chera	3.92 28	P	Pn	04 04 49.3 +3.5
ECHE	1.4nm,0.6s,SNR=7.9	S	Sn	04 05 31.7 -0.1	
PCVE	Castro Verde	4.01 293	ePn	Pn	04 04 51.0 +4.0
PCVE	2.2nm,0.5s	eSn	A	04 05 33.6 -0.3	
PCVE	Castro Verde	4.01 293	P	Pn	04 04 51.0 +4.0
PCVE	2.2nm,0.5s	S	Sn	04 05 33.6 -0.3	
UCM	Universidad Co	4.15 1	P	Pn	04 04 53.6 +4.8
UCM	0.4nm,0.6s	S	Sn	04 05 36.3 -0.9	
UCM	Universidad Co	4.15 1	P	Pn	04 05 36.3 -0.9
UCM	0.4nm,0.6s	S	Sn	04 05 36.3 -0.9	
MESJ	Messejana	4.22 295	ePn	Pn	04 04 50.7 +0.8
MESJ	Messejana	4.22 295	ePn	Pn	04 04 51.3 +1.4
MESJ	0.2nm,0.3s	eSn	A	04 05 37.1 -1.9	
MESJ	Messejana	4.22 295	P	Pn	04 05 40.9
MESJ	Messejana	4.22 295	P	Pn	04 04 50.7 +0.8
MESJ	0.2nm,0.3s	S	Sn	04 05 37.1 -1.9	
PESTR	Estremoz	4.30 310	P	Pn	04 04 52.0 +1.0
PESTR	0.2nm,0.3s	S	Sn	04 05 42.1 +1.0	
FIGM	Figuig	4.38 156	P	Pn	04 04 53.6 +1.4
FIGM	0.2nm,0.3s	S	Sn	04 05 42.1 +1.0	
MORF	Marinete	4.38 287	eSn	Pn	04 04 53.0 -0.2
MORF	0.4nm,0.6s	S	Sn	04 05 43.9 +4.8	
MORF	Marinete	4.38 287	eSn	Pn	04 04 53.8 +1.7
MORF	0.4nm,0.6s	S	Sn	04 05 42.4 -0.7	
EVO	Evora	4.39 304	ePn	Pn	04 05 47.5
EVO	2.9nm,0.3s	S	Sn	04 04 53.8 +1.7	
EVO	Evora	4.39 304	P	Pn	04 05 42.2 -0.9
EVO	2.9nm,0.3s	S	Sn	04 04 53.8 +1.7	
EPLA	Placencia	4.44 332	P	Pn	04 04 53.8 +0.8
EPLA	0.8nm,0.3s,SNR=7.9	S	Sn	04 05 44.1 -0.5	
PTEO	Sao Teotonio	4.50 290	ePn	Pn	04 04 56.9 +3.2
PTEO	Sao Teotonio	4.50 290	P	Pn	04 04 56.9 +3.2
GUD	Guadarrama	4.52 353	P	Pn	04 04 55.5 +1.3
GUD	0.3nm,0.3s,SNR=7.9	S	Sn	04 05 46.1 -0.6	
PNCL	Nicolau / Gran	4.55 297	ePn	Pn	04 04 55.4 +1.0
PNCL	0.4nm,0.3s,SNR=7.9	eSn	A	04 05 49.2 +2.0	
PNCL	Nicolau / Gran	4.55 297	P	Pn	04 05 54.3
PNCL	0.4nm,0.3s,SNR=7.9	S	Sn	04 04 55.4 +1.0	
PNCL	0.4nm,0.3s,SNR=7.9	S	Sn	04 05 49.2 +2.0	
PMRV	Mary???	4.55 317	ePn	Pn	04 04 55.4 +0.9
PMRV	0.4nm,0.3s,SNR=7.9	eSn	A	04 05 49.2 +2.0	
EIBI	Ibiza	4.72 51	P	Pn	04 04 58.4 +2.6
EIBI	0.3nm,0.2s,SNR=7.9	S	Sn	04 05 48.0 -3.4	
ETOR	Torrete	4.77 12	P	Pn	04 04 59.6 +2.1
ETOR	0.6nm,0.2s,SNR=7.9	S	Sn	04 05 51.3 -1.4	
ETOR	0.7nm,0.2s,SNR=7.9	S	Sn	04 05 51.3 -1.4	
PMTG	Montargil	4.82 309	ePn	Pn	04 04 59.4 +1.3
PMTG	Montargil	4.82 309	P	Pn	04 04 59.4 +1.3
PCBR	Castelo Branco	4.90 320	ePn	Pn	04 04 59.9 +0.7
PCBR	Castelo Branco	4.90 320	P	Pn	04 04 59.9 +0.7
MTE	Manteigas	5.35 324	ePn	Pn	04 05 06.9 +1.4
MTE	Manteigas	5.35 324	P	Pn	04 05 06.9 +1.4
PSBR	So Bento	5.44 310	ePn	Pn	04 05 07.0 +0.9
PSBR	0.3nm,0.2s,SNR=7.9	S	Sn	04 05 12.0 +1.0	
POLO	Lamas de Olo	6.25 328	ePn	Pn	04 05 18.9 +1.1
POLO	Lamas de Olo	6.25 328	P	Pn	04 05 18.9 +1.1

MSVF	Nonsavu	6.57 293	P	Pn	04 12 37.0 +2.1
MSVF	Nonsavu	6.57 293	P	Pn	04 12 40.2 +5.3
AFI	Afiamaul	7.47 30	P	Pn	04 12 44.3 -2.7
AFI	19nm,0.3s,baz=252,slow=19,SNR=6.3	S	Sn	04 13 59.0 -1.2	
MARNC	Mare, Loyalty	15.31 263	Pn	Pn	04 14 28.2 -0.6
DVP	Devils Point	15.54 277	P	Pn	04 14 37.0 +4.2
PINNC	Pines Island	15.90 259	P	Pn	04 14 38.5 -1.7
LIFNC	LIFOU	16.05 266	P	Pn	04 14 39.6 +1.3
YATNC	Mamie plateau,	16.38 261	P	Pn	04 14 43.8 +1.8
YATNC	46nm,1.4s	S	Sn	04 04 25.2 +0.3	
OUCNC	Ouen Island, N	16.45 260	P	Pn	04 14 43.3 +0.6
OUCNC	comp=Z,29nm,0.8s	IAMB	IAMB	04 14 50.1	
OUCNC	Ouen Island, N	16.45 260	P	Pn	04 14 45.8 +3.1
DZM	Mont Dzumac	16.80 261	eP	Pn	04 14 50.5 +3.4
DZM	comp=Z,175nm,1.1s	P	Pn	04 14 49.9 +2.8	
DZM	Mont Dzumac	16.80 261	P	Pn	04 14 46.0 -0.8
DZM	comp=Z,4.8nm,0.3s,baz=96,slow=17,SNR=45	P	Pn	04 14 50.7 +3.6	
DZM	Mont Dzumac	16.80 261	P	Pn	04 14 46.7 +0.1
ONTNC	Ouen Toro	16.80 260	IAMB	IAMB	04 14 53.5
ONTNC	comp=Z,59nm,1.0s	P	Pn	04 14 50.7 +2.1	
NOUV	Port Laguerre	16.93 261	P	Pn	04 14 48.6 -1.1
NOUV	comp=Z,60nm,1.1s	P	Pn	04 14 54.8	
SANVU	Saraoutou	17.08 284	P	Pn	04 14 55.3 -0.1
SANVU	comp=Z,61nm,0.9s	IAMB	IAMB	04 14 58.8 +0.8	
OUZ	Omahuta	17.51 211	P	Pn	04 15 01.9
OUZ	Matakaoa Point	17.85 196	P	Pn	04 15 08.1 -0.6
MXZ	0.8nm,0.3s,SNR=7.9	IAMB	IAMB	04 15 22.9 +0.3	
URZ	Urewera	18.83 198	P	Pn	04 15 08.1 -0.6
URZ	comp=Z,8.7nm,0.3s,baz=293,slow=13,SNR=41	S	Sn	04 18 24.2 -1.1	
URZ	Urewera	18.83 198	P	Pn	04 15 08.0 -0.7
URZ	comp=Z,32nm,0.4s	IAMB	IAMB	04 15 11.0	
URZ	Urewera	18.83 198	P	Pn	04 15 09.3 +0.6
URZ	comp=Z,43nm,0.5s	S	Sn	04 15 18.9 +0.7	
NMHZ	Naumai	19.69 198	P	Pn	04 15 21.2 -1.0
HIZ	Hauti	19.79 203	P	Pn	04 15 20.7 +1.6
HIZ	Hauti	19.79 203	P	Pn	04 15 21.4 -0.8
HIZ	comp=Z,97nm,0.8s	P	Pn	04 15 15.6 -3.6	
RATZ	Rangitukia	19.80 200	P	Pn	04 15 19.6 -0.2
BKZ	Black Stump Fm	19.85 198	P	Pn	04 15 19.3 -0.5
BKZ	Black Stump Fm	19.85 198	P	Pn	04 15 24.4
BKZ	comp=Z,11nm,0.6s	IAMB	IAMB	04 15 20.5 +0.7	
BKZ	Black Stump Fm	19.85 198	P	Pn	04 15 21.4 -0.5
NTVZ	North Tongarir	20.04 200	P	Pn	04 15 22.0 0.0
TMZ	Te Manu	20.75 198	P	Pn	04 15 22.5 -1.7
MCHZ	McNeill Hill	20.85 198	P	Pn	04 15 21.2 -1.0
ETVZ	East Tongarir	20.06 200	P	Pn	04 15 21.8 -0.8
OTVZ	Oturere	20.10 200	P	Pn	04 15 21.5 -1.1
KWVZ	Kaweka Forest	20.11 198	P	Pn	04 15 22.2 -0.7
SNVZ	South Ngauruhoe	20.13 200	P	Pn	04 15 23.2 -1.2
WNVZ	Whianua	20.27 200	P	Pn	04 15 23.2 -1.2
BHVZ	Black Hill Sta	20.19 197	P	Pn	04 15 26.6 +1.7
KAHZ	Kahurangi N	20.32 199	P	Pn	04 15 25.7 -0.9
KRHZ	Kereru	20.33 198	P	Pn	04 15 27.0 -1.0
PNHZ	Pukenui	20.62 198	P	Pn	04 15 31.5 +2.2
NEZ	North Egmont	20.74 203	P	Pn	04 15 31.9 +1.7
TSZ	Taparua Road	20.83 198	P	Pn	04 15 36.2 +0.6
PRHZ	Porangahau	20.83 197	P	Pn	04 15 35.7 +0.2
BFZ	Birch Farm	21.32 197	P	Pn	04 15 54.3
BFZ	Birch Farm	21.32 197	IAMB	IAMB	04 15 37.9 +2.4
BFZ	comp=Z,99nm,1.5s	P	Pn	04 15 36.1 -1.3	
BFZ	Birch Farm	21.32 197	P	Pn	04 15 38.7 +1.1
MRZ	Mangatainoka R	21.50 199	P	Pn	04 15 46.6 +1.4
TIWZ	Tintock	21.51 198	P	Pn	04 15 43.4 -0.7
HOWZ	Holdswoth Sta	21.73 198	P	Pn	04 15 41.9 -2.3
CAW	Cannon Point	22.05 199	P	Pn	04 15 43.9 -1.5
TRWZ	Traveller	22.15 198	P	Pn	04 15 46.7 +0.6
DUWZ	D'Urville Isla	22.16 201	P	Pn	04 15 47.1 +0.6
MSWZ	Moikau Station	22.29 198	P	Pn	04 15 47.1 +0.6
SNZO	South Korori	22.36 199	P	Pn	04 15 48.2 -1.2
SNZO	comp=Z,55nm,0.8s	P	Pn	04 15 45.2 -1.6	
BHW	Baring Head	22.39 199	P	Pn	04 15 49.6 +0.5
BHW	Baring Head	22.39 199	P	Pn	04 15 49.9 +0.7
PLWZ	Port Channel	22.40 200	P	Pn	04 15 47.9 -1.6
TCWZ	Talliser	22.43 198	P	Pn	04 15 52.3 +0.3
GRZ	Grange Range	22.68 204	P	Pn	04 15 54.0 -0.2
QRZ	Quartz Range	22.68 204	P	Pn	04 15 58.9 +0.2
QRZ	Quartz Range	22.68 204	P	Pn	04 16 06.2 +0.6
QRZ	comp=Z,67nm,0.5s	IAMB	IAMB	04 16 10.3	
TUWZ	Tuamarina	22.71 201	P	Pn	04 16 10.7 0.0
TUWZ	Tuamarina	22.71 201	P	Pn	04 15 52.3 +0.3
NNZ	Nelson	22.71 202	P	Pn	04 15 54.0 -0.2
BSWZ	Blackbirch Sta	22.99 200	P	Pn	04 16 17.3 +0.4
THZ	Tophouse	23.36 202	P	Pn	04 16 08.1 -0.6
THZ	Tophouse	23.36 202	P	Pn	04 16 37.3
KHZ	Kahutara	23.73 200	P	Pn	04 15 58.9 +0.2
KHZ	comp=Z,20nm,0.6s	IAMB	IAMB	04 16 20.0 +1.1	
KHZ	Kahutara	23.73 200	P	Pn	04 16 10.0 +0.8
KHZ	comp=Z,39nm,0.7s	P	Pn	04 16 24.8 -0.2	
LTZ	Lake Taylor	24.48 202	P	Pn	04 16 33.4
LTZ	comp=Z,35nm,0.8s	IAMB	IAMB	04 16 30.4 +1.9	
OZ	Oxford	25.04 202	P	Pn	04 16 32.1 -0.2
MOZ	McQueen's Vall	25.17 200	P	Pn	04 16 37.3
MOZ	McQueen's Vall	25.17 200	P	Pn	04 16 37.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KKRND, KKRND, KKRND, AGG, ELL, KBN, FNA, etc.

PRE 01 04:22:35.7; 1.0, 28.08S; 26.83E, h2km, ML2.5
EAF 01 04:22:41.3; 1.7, 28.16S; 26.94E, h10km, MD3.8
BUL 01 04:22:42.1; 1.5, 28.10S; 26.84E, h10km, MD4.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KURK, KURK, MK31, MK31, MKAR, MKAR, ZAAO, ZAAO, etc.

IDC 01 05:03:18.6; 1.1, 19.71N; 109.58W, h0km, mb3.9/6, mb1 4.2/10, mb1mx3.9/49, mbtmp3.9/10, ML3.4/4, MS1 3.4/8, ms1mx3.1/28, Error ellipse: s-maj=27.5km

NEIC 01 05:03:20.6; 3.0, 19.64N; 109.53W; 0.07, h10km, 1km, s-min=9.0km az=139.0

MEX 01 05:03:23.3; 1.1; 19.64N; 109.53W, h10km, MD4.2
ISC 01 05:03:21.6; 1.5, 19.59N; 108.109.59W, 0.07, h2km, 13km, n76, e1803/71, mb4.1/14, MS3.5/5, Revilla

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H06E, H06E, H06E, H06E1, H06E1, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H06N1, H06N1, H06N1, H06N1, H06N1, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H06N, H06N1, H06S1, H06S1, H06S1, etc.

AEIC 01 05:52:21.9; 2.0, 51.58N; 0.1; 167.0W; 0.1, h2km, 90km, ML3.5/23, Error ellipse: s-maj=16.6km s-min=10.0km az=149.0
NEIC 01 05:52:22.6; 2.0, 51.81N; 0.0; 167.2W; 0.1, h2km, 16km, Error ellipse: s-maj=11.2km s-min=4.8km az=103.0
IDC 01 05:52:22.6; 2.1, 51.89N; 166.01W, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.4/49, mbtmp3.5/4, ML3.0/1, Error

ellipse: s-maj=42.9km s-min=34.4km az=4.0
ISC 01 05:52:21.7; 1.4, 51.6N; 0.1; 167.0W; 0.08, h35km, n32, o095/29, mb3.5/3, Fox Islands

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

THE 01 05:57:32.8; 38.44N; 20.46E, h10km, ML3.4/9, Error ellipse: s-maj=1.1km s-min=0.4km az=288.0

ATH 01 05:57:33.3; 38.43N; 20.48E, h11km, 1km, ML3.1/13, Error ellipse: s-maj=1.7km s-min=0.6km az=277.0
IDC 01 05:57:43.2; 13.0, 39.54N; 21.80E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.4/33, mbtmp3.7/4, Error ellipse: s-maj=252.9km s-min=45.5km az=38.0

ISC 01 05:57:32.7; 0.8, 38.44N; 0.02; 20.45E; 0.03, h12km, 5km, n80, e1912/102, mb3.8/4, Greece

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

2015 DEC

7

Table with columns: ANX, Ano Chora, 1.17 82 P, P, Pb, 05 57 54.8, 0.0, 05 58 18.5, etc.

NEIC 01 06:05:06.5-1.0, 17.235:0.08:174.1W, 0.1, h85km, 7km, mb4.5/16, Error ellipse: s-maj=16.0km s-min=12.1km az=101.0

IDC 01 06:05:06.3-3.0, 17.313:174.08W, h89km, 28km, mb4.0/8, mb1.4/3/10, mb1mx3.9/35, mbtmp4.4/10, MS2.9/1, Ms1 2.9/1, ms1mx2.5/29, Error ellipse: s-maj=39.4km s-min=15.0km az=138.0

ISC 01 06:05:07.1-0.6, 17.195:0.09:174.06W:0.10, h100km, n31, 1916/26, mb4.1/5, Tonga Islands

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

IDC 01 06:13:36.4-0.4, 41.19N:73.24E, h0km, mb4.8/37, mb1.4/3/4, mb1mx4.9/57, mbtmp4.8/44, ML4.2/27, MS3.9/41, Ms1 3.9/41, ms1mx3.9/48, Error ellipse: s-maj=8.7km s-min=6.9km az=142.0

MOS 01 06:13:43.0-1.1, 41.35N:73.21E, h57km, mb5.3/57, MS4.1/10, Error ellipse: s-maj=4.4km s-min=3.8km az=88.6

MOS Felt (V) at Kyzyr-Unkur, Dzhabz-Kechuu, Ortok, Ak-Bulak, Saty, Kara-Alma, Kok-Alma; (IV-V) at Ak-Tok, Arslanbob; (IV) at Kok-Zhangak, Kara-Kul; (III-IV) at Dzhalal-Abad, Toktogul; (III) at Osh, Taraz, Maylyu-Suu.

NEIC 01 06:13:43.4-2.3, 41.38N:0.05:73.26E:0.07, h41km, 2km, mb5.1/168, Error ellipse: s-maj=8.0km s-min=6.8km az=136.0

BGR 01 06:13:44.0-0.0, 40.95N:72.94E, h33km, mb5.1, Ms4.1, KNET 01 06:13:44.5-0.7, 41.49N:73.37E, h34km, 3km, mis.1, Error ellipse: s-maj=5.9km s-min=5.0km az=108.0

ISC 01 06:13:41.5-0.5, 41.31N:0.02:73.29E:0.02, h32km, 3km, 99C2:pp-P, n903, 19166/964, mb5.1/238, MS4.0/53, h32C4, Kyrgyzstan

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

Table with columns: SGDS, Sogindy, 2.36 24 ePg, Pb, 06 14 24.5 +1.1, ULHL, Ulahol, 2.40 66 fP, Pb, 06 14 21.9 -2.2, etc.

1d 6h

KOTS	Kotrybulak	3.42	55	Pg	Pb	06 14 44.0	+2.4
KOTS	750nm,0.7s				Lg	06 15 28.3	
KTBS	Karate	3.47	45	eP	Pb	06 14 44.1	+1.9
KTBS	653nm,0.5s				eS	06 15 28.3	+4.4
KTBS	Karate	3.47	45	Pg	Pb	06 14 44.1	+1.9
KTBS	653nm,0.5s				Lg	06 15 28.3	
ANVS	Anan'yev	3.58	64	ePN	Pn	06 14 38.7	+3.8
ANVS	baz=65				eS	06 15 20.3	+4.0
ANVS	Anan'yev	3.58	64	eP	Pn	06 14 38.7	+3.8
ANVS	baz=65				eS	06 15 20.1	+4.0
BTLS	Baital	3.77	8	eP	Pb	06 14 48.0	+0.7
BTLS	882nm,0.6s				eS	06 15 36.7	+4.2
BTLS	Baital	3.77	8	ePg	Pb	06 14 49.7	+2.3
BTLS	baz=9.1				eP	06 14 49.6	+2.3
BTLS	Baital	3.77	8	ePN	Pb	06 14 48.0	+0.7
BTLS	882nm,0.6s				Lg	06 15 36.7	
BTLS	Baital	3.77	8	eP	Pb	06 14 49.7	+2.3
BTLS	baz=9.1				eP	06 14 49.6	+2.3
PRZ	Przheval'sk	3.99	71	PN	Pb	06 14 47.7	-3.5
PRZ	Przheval'sk	3.99	71	eP	Pn	06 14 47.7	-3.5
PRZ	Przheval'sk	3.99	71	eP	Pn	06 14 47.7	-3.5
PRZ	baz=72				eS	06 15 30.0	+3.6
CHGR	Chuyangaron	4.14	231		Pn	06 14 46.0	+3.4
SATY	Saty	4.18	64	eP	Pb	06 14 59.3	+4.8
SATY	750nm,0.8s				eS	06 15 54.3	+1.0
SATY	Saty	4.18	64	ePg	Pb	06 14 58.9	+4.5
SATY	baz=64				eP	06 14 58.9	+4.5
SATY	Saty	4.18	64	ePN	Pb	06 14 58.9	+4.5
SATY	Saty	4.18	64	Pg	Pb	06 14 59.3	+4.8
SATY	750nm,0.8s				Lg	06 15 54.3	
KURS	Kuram	4.22	57	eP	Pb	06 14 57.7	+2.7
KURS	509nm,0.8s				eS	06 15 51.6	+6.2
KURS	Kuram	4.22	57	Pg	Pb	06 14 57.7	+2.7
KURS	509nm,0.8s				Lg	06 15 51.6	
ARXS	Arhary	4.42	48	eP	Pb	06 15 01.6	+3.1
ARXS	376nm,0.5s				eS	06 15 58.7	+7.3
ARXS	Arhary	4.42	48	ePN	Pn	06 14 48.9	+2.5
ARXS	Arhary	4.42	48	Pg	Pb	06 15 01.6	+3.1
ARXS	376nm,0.5s				Lg	06 15 58.7	
KPKS	Kokpek	4.54	60	eP	Pb	06 15 05.5	+5.1
KPKS	760nm,0.5s				eS	06 15 05.3	+1.1
KPKS	Kokpek	4.54	60	ePg	Pb	06 15 04.3	+3.8
KPKS	baz=9.1				eP	06 15 04.3	+3.8
KPKS	Kokpek	4.54	60	ePN	Pb	06 15 04.3	+3.8
KPKS	Kokpek	4.54	60	Pg	Pb	06 15 04.3	+3.8
UZB	Uzynybulak	4.63	65	eP	Pb	06 15 06.4	+7.3
UZB	473nm,0.6s				eS	06 15 06.6	+4.5
UZB	Uzynybulak	4.63	65	ePg	Pb	06 15 06.6	+4.5
UZB	baz=66				eP	06 15 06.4	+3.3
UZB	Uzynybulak	4.63	65	ePN	Pb	06 15 06.6	+4.5
UZB	Uzynybulak	4.63	65	Pg	Pb	06 15 05.4	+3.3
UZB	473nm,0.6s				Lg	06 16 04.8	
BLB	Baldybastay	4.73	52	Pg	Pb	06 15 07.0	+3.3
BLB	1um,0.5s				Lg	06 16 07.9	
PDGK	Podgornoye	5.02	64	PN	Pn	06 14 56.8	+2.1
PDGK	Podgornoye	5.02	64	Pg	Pb	06 15 13.1	+4.5
PDGK	55nm,0.6s				Lg	06 16 18.0	
PDGK	Podgornoye	5.02	64	Pn	Pn	06 14 56.8	+2.1
PDGK	17nm,0.6s				Pg	06 15 09.4	+0.7
PDGK	352nm,0.7s				Pg	06 16 17.2	
SAM	Samarkand	5.07	253	eP	Sn	06 15 58.0	+5.1
SAM	Agalyk	5.21	252	eP	Pn	06 14 56.0	+0.6
SAM	Agalyk	5.21	252	eP	Pn	06 14 59.0	+1.7
KTAB	Kitab	5.36	248	eS	Sn	06 15 58.0	+1.7
KTAB	Kitab	5.36	248	eS	Sn	06 15 03.0	+3.7
KTMS	Ketmen	5.65	65	eP	Pb	06 15 24.6	+5.2
KTMS	139nm,0.7s				eS	06 16 37.8	+1.1
KTMS	Ketmen	5.65	65	Pg	Pb	06 15 24.6	+5.2
KTMS	139nm,0.7s				Lg	06 16 37.8	
DJR	Djarkent	5.65	56	eP	Pb	06 15 23.5	+4.1
DJR	162nm,0.5s				eS	06 16 36.0	+9.3
DJR	Djarkent	5.65	56	Pg	Pb	06 15 23.5	+4.1
DJR	162nm,0.5s				Lg	06 16 36.0	
KAPS	Kapalarasan	5.95	46	eP	Pb	06 15 28.4	+4.0
KAPS	187nm,0.7s				eS	06 16 44.4	+9.3
KAPS	Kapalarasan	5.95	46	Pg	Pb	06 15 28.4	+4.0
KAPS	187nm,0.7s				Lg	06 16 44.4	
KPKM	Pachkamar	5.98	245	eP	Pn	06 15 10.0	+2.2
KPKM	Pachkamar	5.98	245	eP	Pn	06 16 17.0	+1.8
OTUK	Ortayu	6.96	355	PN	Pn	06 15 22.9	+1.6
OTUK	Ortayu	6.96	355	Pn	Pn	06 15 22.9	+1.6
OTUK	303nm,1.0s				Lg	06 17 17.4	
BUXR	Bukhara	6.99	260	eP	Sn	06 15 20.0	+3.0
BUXR	Bukhara	6.99	260	eP	Sn	06 16 38.0	-2.0
KBL	Kabul	7.55	208	P	Pn	06 15 32.6	+3.1
KBL	Kabul	7.55	208	P	Pn	06 15 32.4	+2.9
KBL	Kabul	7.55	208	P	Pn	06 15 68.1	+4.1
KBL	Kabul	7.55	208	Pn	Pn	06 15 32.6	+3.1
CEP	Cerat	7.56	189	P	Sn	06 15 32.9	+3.3
CEP	Cerat	7.56	189	P	Sn	06 15 56.0	+1.8
GZLY	Gazly	7.57	264	eS	Sn	06 15 51.0	-3.2
CHCP	Chirah Chowk	7.64	100	P	Pn	06 15 34.2	+3.6
NIL	Nilore	7.65	180	P	Pn	06 15 33.9	+3.3
NIL	Nilore	7.65	180	P	Pn	06 15 33.9	+3.3
NIL	Nilore	7.65	180	Pn	Pn	06 15 34.0	+3.3
MAKZ	Makanchi	8.32	46	P	Pn	06 15 41.9	+2.0
MAKZ	Makanchi	8.32	46	P	Pn	06 15 41.9	+2.0
MK31	Makanchi Array	8.48	47	P	Pn	06 15 42.4	+0.3
MK31	Makanchi Array	8.48	47	Pn	Pn	06 15 44.0	+1.9
MK31	51nm,0.6s				Pg	06 16 20.9	
MK31	187nm,0.6s, baz=230, slow=13, SNR=11				Lg	06 18 04.5	
MK31	339nm,1.0s, baz=226, slow=25, SNR=3.6				Pn	06 15 44.4	+2.3
MKAR	Makanchi Array	8.48	47	Pn	Pn	06 15 44.5	+2.4
MKAR	8.6nm,0.3s, baz=226, slow=14, SNR=407				Lg	06 18 03.6	
MKAR	8.9nm,0.3s, baz=264, slow=25, SNR=3.7				LR	06 19 12.5	
MKAR	comp=Z,1um,19.1s, baz=236, slow=39				Pn	06 15 44.5	+2.4
MKAR	Makanchi Array	8.48	47	Pn	Pn	06 15 44.5	+2.4

2015 DEC

THW	Thamme Wali	8.59	189	P	Pn	06 15 45.8	+2.1
JMU	Jammu	8.68	171	eS	Sn	06 17 14.5	-7.0
BRZS	Berezni	8.68	357	eP	Sg	06 16 18.5	
BRZS	comp=Z,75nm,0.5s				eS	06 18 10.5	
BRZS	Berezni	8.68	357	eP	Pn	06 15 45.8	+1.0
BRZS	Berezni	8.68	357	Pg	Pg	06 16 18.5	
DHRM	DHARAMSHALA	9.36	164	eP	Sn	06 15 54.9	+0.5
DHRM	DHRM				eS	06 17 34.1	-4.6
DHRM	DHRM				IAML	06 17 44.9	
DHRM	comp=N,607nm,0.6s				IAML	06 17 45.1	
SARP	Sargodha	9.39	183	P	Pn	06 15 56.2	+1.7
KURBB	Kurchatov Arra	10.00	20	Pn	Pn	06 16 02.6	-0.2
KURBB	comp=E,1.6nm,0.3s, baz=211, slow=11, SNR=69				Lg	06 18 50.6	
KURBB	Kurchatov Arra	10.00	20	Pn	Pn	06 16 02.1	-0.7
KURBB	Zaisan	10.11	20	Pn	Pn	06 16 02.6	-1.7
KURK	Kurchatov	10.11	20	Pn	Pn	06 16 04.0	-0.2
BHK	Bhakra	10.19	165	eP	Pn	06 16 08.2	+2.7
SEM	Semipalatinsk	10.30	26	eP	Pn	06 16 06.6	-0.6
SEM	Semipalatinsk	10.30	26	eP	Pn	06 16 48.6	+4.2
ZSN	Zaisan	10.30	50	eS	Sn	06 19 02.5	
ZSN	comp=E,154nm,1.7s				eS	06 16 07.8	+0.7
ZSN	Zaisan	10.30	50	eP	Pn	06 16 07.7	+0.7
SMLA	Simla	10.63	162	eP	Pn	06 16 10.5	-1.1
SMLA	SMLA				eS	06 18 01.3	-8.2
SMLA	SMLA				IAML	06 18 14.7	
SMLA	comp=E,360nm,0.5s				IAML	06 18 16.3	
WMQ	Urumqi	10.92	72	eP	Pn	06 16 20.7	+5.2
WMQ	Urumqi				S	06 18 25.0	+8.5
WMQ	comp=N,29nm,0.9s				pmx	06 18 25.0	+8.5
WMQ	comp=N,280nm,4.5s				pmx	06 18 25.0	+8.5
WMQ	comp=N,810nm,9.1s				LR	06 18 25.0	+8.5
WMQ	comp=N,2um,13.5s				LR	06 18 25.0	+8.5
HRA	Herat	11.13	235	Pn	Pn	06 16 17.3	-1.3
BVAR	Borovoye Array	11.88	351	Pn	Pn	06 16 27.3	-1.2
BVAR	comp=N,3.7nm,0.3s, baz=184, slow=19, SNR=36				Pn	06 18 35.5	-4.4
BVAR	Borovoye	11.93	351	eP	Pn	06 16 27.7	-1.5
BRVK	Borovoye	11.93	351	eP	Pn	06 16 27.7	-1.5
BRVK	Borovoye	11.93	351	P	Sn	06 16 27.9	-1.3
BRVK	Borovoye	11.93	351	S	Sn	06 18 36.2	-4.8
BRVK	Borovoye	11.93	351	Pn	Pn	06 16 27.7	-1.5
BRVK	Borovoye	11.93	351	Pn	Pn	06 16 28.0	-1.1
GEYT	Alibek	12.18	259	Pn	Pn	06 16 29.2	-3.5
GEYT	Alibek	12.18	259	Pn	Pn	06 16 29.2	-3.5
GEYT	comp=Z,5.6nm,0.3s, baz=75, slow=1.7, SNR=1.3				LR	06 18 37.8	-1.0
GEYT	Alibek	12.18	259	Pn	Pn	06 16 29.6	-3.2
GYA0B	ALIBECK ARRAY	12.18	259	Pn	Pn	06 16 29.6	-3.2
GGZ	Jazzart, Alta	12.97	45	P			

LZH		sP	sP	06 19 12.1 +1.5	
LZH		eS	S	06 23 15.1 +1.3	
LZH		sS	sS	06 23 31.1 +0.9	
LZH	comp=Z,31nm,1.0s	pmax	pmax		
LZH	comp=Z,94nm,4.1s	LR	LR		
LZH	comp=Z,330nm,14.1s	LR	LR		
LZH	comp=Z,470nm,13.6s	LR	LR		
LZH	comp=Z,1um,16.8s	LR	LR		
MZR	Muzera SNR=9.1	24.69 228	i P	P	06 18 59.9 +0.3
MZR	Muzera SNR=5.8	24.69 228	P	P	06 19 00.4 +0.7
TRNA	Turayna	24.71 235	P	P	06 19 01.0 +1.2
ULN	Ulanbaatar	24.78 63ceP	P	P	06 19 01.8 +1.3
ULN	comp=Z,1.10nm,0.8s	pmax	pmax		
SOC	Sochi	24.78 287	eP	P	06 19 00.3 0.0
SOC			e	S	06 19 32.8
SOC			eSS	S	06 23 21.8 +1.3
SOC			eSS	SnSn	06 24 08.7 +0.1
SOC	comp=Z,42nm,0.7s		pmax		
SOC	comp=Z,82nm,14.0s	MLR	MLR		
VORD	Divnogorie	25.25 304	eP	P	06 19 03.6 -0.9
VORR	Storozhevo	25.38 305	eP	P	06 19 04.3 -1.3
VORR	comp=Z,100nm,1.2s	pmax	pmax		
VORR	Voronezh	25.43 306	P	P	06 19 05.0 -1.0
VORR	comp=Z,250nm,1.0s	pmax	pmax		
LPSR	Galich'ya Gora	25.78 308	eP	P	06 19 08.3 -0.9
LPSR	comp=Z,80nm,0.8s	pmax	pmax		
PRGR	Permogore	26.30 330	eP	P	06 19 13.3 -0.6
PRGR			ePP	P	06 19 23.7 -0.2
PRGR	comp=Z,19nm,0.5s	pmax	pmax		
CD2	Chengdu	26.59 103	P	P	06 19 18.6 +1.7
CD2			S	S	06 23 50.5 +1.0
CD2	comp=Z,10.0nm,0.5s	pmax	pmax		
CD2	comp=Z,320nm,14.7s	LR	LR		
CD2	comp=Z,330nm,13.2s	LR	LR		
MOS	Moscow	27.31 314	eP	P	06 19 22.2 -0.8
MOS			e	S	06 19 36.2
MOS			e	S	06 20 08.6
MOS			ePPP	PPP	06 20 17.9
MOS			eS	PPP	06 24 03.9 +3.6
MOS	comp=Z,68nm,0.6s	pmax	pmax		
BTO	Batout	27.62 79	eP	P	06 19 26.2 +0.1
BTO			S	S	06 24 03.6 -2.1
BTO	comp=Z,790nm,15.4s	LR	LR		
OBN	Obninsk	27.72 312	P	P	06 19 25.9 -0.7
OBN	comp=Z,6.0nm,0.5s,baz=99,slow=14,SNR=4.3	LR	LR		06 31 09.4
OBN	comp=Z,125nm,20.1s,baz=107,slow=38	P	P	06 19 26.4 -0.3	
OBN	Obninsk	27.72 312	eP	P	06 20 12.4
OBN	comp=Z,16nm,0.8s	pmax	pmax		
OBN	comp=Z,475nm,19.0s	MLR	MLR		
OBN	Obninsk	27.72 312	IAMB	IAMB	06 20 11.2
DOK	Doka	27.93 222	P	P	06 19 30.3 +1.5
DOK			P	P	06 19 30.3 +1.5
DMTO	DMTO	28.30 219	P	P	06 19 35.4 +3.2
DMTO			P	P	06 19 35.4 +3.2
KLMR	Klimovskoe	28.36 325	eP	P	06 19 31.3 -1.0
KLMR	comp=Z,20nm,1.3s	pmax	pmax		
KLMR	Klimovskoe	28.36 325	eP	P	06 19 31.4 -0.9
KLMR	comp=Z,20nm,1.3s	AMP	AMP		06 19 46.7
KLMR	Hu-ho-hao-te	28.70 78	eScP	ScP	06 26 24.7 +2.0
HHC	HHC	28.70 78	eP	P	06 19 38.1 +2.4
HHC	comp=Z,6.0nm,0.7s	pmax	pmax		
HHC	comp=Z,130nm,9.3s	pmax	pmax		
WHFO	Wadi Hawf	28.70 221	P	P	06 19 36.0 +0.2
WHFO			P	P	06 19 36.0 +0.2
XAN	Xi'an	28.87 93	P	P	06 19 48.4 +1.0
XAN			S	S	06 24 45.3 +1.8
XAN	comp=Z,19nm,1.0s	pmax	pmax		
XAN	comp=Z,130nm,4.8s	pmax	pmax		
XAN	comp=N,290nm,14.1s	LR	LR		
XAN	comp=E,370nm,16.0s	LR	LR		
NRIK	Nori'sk	29.08 10	P	P	06 19 39.1 +0.5
NRIK	comp=Z,630nm,18.0s	P	P		
NRIK	comp=Z,12nm,0.8s,baz=201,slow=8.1,SNR=18	LR	LR		06 33 02.6
NRIK	Nori'sk	29.08 10ceP	P	P	06 19 39.4 +0.8
NRIK	comp=Z,519nm,19.7s,baz=190,slow=40	pmax	pmax		
NRIK	comp=Z,31nm,1.3s	29.08 10	P	P	06 19 39.5 +0.9
NRIK	Nori'sk	29.22 241	i P	P	06 19 41.2 +0.8
RAYN	Ar Rayn	29.22 241	P	P	06 19 41.2 +0.8
RAYN	SNR=14				
RAYN	Ar Rayn	29.22 241	P	P	06 19 41.2 +0.8
RAYN	comp=Z,22nm,1.1s	pmax	pmax		
RAYN	Ar Rayn	29.22 241	P	P	06 19 41.0 +0.6
RAYN	Ar Rayn	29.22 241	P	P	06 19 41.2 +0.8
ABTO	Aybut	29.22 242	P	P	06 19 42.7 +0.5
ABTO			P	P	06 19 42.7 +0.5
BR131	Keskin Array S	30.01 280	P	P	06 19 48.2 +0.8
BR131	comp=Z,18nm,0.8s	pmax	pmax		
BR131	Keskin Array S	30.01 280	P	P	06 19 48.2 +0.8
BRTR	Keskin Array B	30.01 280	P	P	06 19 48.4 +1.0
BRTR	comp=Z,7.2nm,0.7s,baz=94,slow=8.3,SNR=18	LR	LR		06 33 15.1
BRTR	comp=Z,116nm,20.7s,baz=78,slow=39	P	P	06 19 47.8 +0.4	
BRTR	Keskin Array B	30.01 280	P	P	06 19 47.8 +0.4
BOD	Bodaibo	30.06 43	eP	P	06 19 51.9 +0.1
BOD	comp=Z,27nm,1.0s	pmax	pmax		
GYA	Guiyang	31.20 108	iP	P	06 19 59.9 +2.0
GYA			sP	sP	06 20 18.9 +6.8
GYA	comp=Z,13nm,0.8s	pmax	pmax		
GYA	comp=Z,200nm,10.8s	LR	LR		
GYA	comp=Z,170nm,10.0s	LR	LR		
GYA	comp=Z,340nm,14.4s	LR	LR		
AKASG	Malin Array Be	31.59 302	P	P	06 20 00.8 -0.2
AKASG	comp=Z,14nm,0.6s,baz=76,slow=7.8,SNR=46	LR	LR		06 34 18.0
AKASG	comp=Z,244nm,18.5s,baz=85,slow=39	LR	LR		06 20 01.8
AKASG	Malin Array Be	31.59 302	IAMB	IAMB	06 20 01.7
AKAB	Malin Array S	31.59 302	IAMB	IAMB	06 20 01.7
CMAR	Chiang Mai Arr	31.62 128	PcP	PcP	06 22 52.3 -1.0
CMAR	comp=Z,1.1nm,0.3s,baz=320,slow=4.0,SNR=5.6	LR	LR		06 35 50.7
MILM	Milestii Mici	32.08 295	iP	P	06 20 05.9 +0.5
MILM	Milestii Mici	32.08 295c	iP	P	06 20 05.0 -0.3
MILM	comp=Z,40nm,0.6s	pmax	pmax		

LEF	Lefka	32.12 272	iP	P	06 20 07.2 +1.3
SORM	Soroqa	32.27 298	iP	P	06 20 06.9 -0.1
MNK	Minsk	32.58 310	iP	P	06 20 09.0 -0.6
MNK			i	P	06 21 16.9
MNK			i	P	06 22 55.9
MNK			i	S	06 25 22.6 -0.2
MNK			iSS	SnSn	06 27 19.0 +0.8
MNK	comp=Z,48nm,0.9s	pmax	pmax		
MNK	comp=N,18nm,0.9s	pmax	pmax		
MNK	comp=E,65nm,1.5s	MLR	MLR		
MNK	comp=N,135nm,15.0s	MLR	MLR		
MNK	comp=Z,399nm,14.0s	MLR	MLR		
MNK	Minsk	32.58 310	iP	P	06 20 09.1 -0.5
MNK	comp=E,7.0nm,0.9s	iP	P	06 20 09.1 -0.5	
MNK	comp=N,18nm,0.9s	iP	P	06 20 09.1 -0.5	
MNK	comp=Z,48nm,0.9s,baz=95	iP	P	06 20 09.1 -0.5	
MNK			iPP	PnPn	06 21 16.9 -0.6
MNK			iPcP	PcP	06 22 55.1 -0.2
MNK			iS	S	06 25 22.7 +0.5
MNK			iSS	SnSn	06 27 19.1 +0.9
MNK			iLO	LQ	06 30 54.3
MNK			iLR	LR	06 32 48.9
MNK	comp=E,65nm,15.0s	iLRM	MLR	06 34 00.5	
MNK	comp=N,135nm,14.8s	iLRM	MLR	06 34 00.9	
MNK	comp=Z,399nm,13.8s	iLRM	MLR	06 34 03.7	
TPGR	Mangalia	32.65 292	iP	P	06 20 11.7 +1.3
MANR	Mangalia	32.72 290	iP	P	06 20 11.9 +1.0
CFR	Carcaliu	32.79 292	iP	P	06 20 12.2 +0.6
NACGM	Naroch	33.24 310	iP	P	06 20 12.9 -2.5
TESR	Tescani	33.61 295	iP	P	06 20 19.4 +0.7
VRI	Vrincioala	33.65 284	iP	P	06 20 20.7 +1.5
ISAL	Satikas	33.67 311	eP	P	06 20 19.0 +0.7
PLOR	Plostina	33.71 294	eP	P	06 20 21.3 +1.6
VSU	Vasula	33.72 317	eP	P	06 20 19.8 +0.3
ISR	Istrita	33.91 292	iP	P	06 20 23.4 +2.0
APA	Apattity	33.99 334	iP	P	06 20 26.9 +5.1
APA			i	P	06 21 42.9
APA			i	P	06 23 05.0
APA			iS	S	06 25 48.0 +3.5
APA	comp=Z,5.0nm,0.7s	pmax	pmax		
APA	comp=Z,1um,10.0s	MLR	MLR		
COVR	Voineasa-Covas	34.02 294	iP	P	06 20 23.8 +1.5
MLR	Muntele Rosu	34.26 293	P	P	06 20 25.6 +1.1
MLR	comp=Z,48nm,0.9s	pmax	pmax		
MLR	Muntele Rosu	34.26 293	P	P	06 20 25.6 +1.1
BURAR	Bucovina Array	34.43 297	iP	P	06 20 26.8 +0.9
BURAR	Bucovina Array	34.43 297	IAMB	IAMB	06 20 27.8
BURAR	comp=Z,16nm,0.9s	IAMB	IAMB		
BUR08	Bucovina Ar. S	34.43 297	P	P	06 20 26.2 +0.1
PALK	Pallekele	34.53 167	P	P	06 20 27.0 0.0
PALK	comp=Z,5.0nm,0.6s,baz=354,slow=10.0,SNR=2.1	P	P		
PALK	Pallekele	34.53 167	P	P	06 20 27.0 0.0
PALK	comp=Z,42nm,1.4s	pmax	pmax		
PALK	Pallekele	34.53 167	IAMB	IAMB	06 21 29.1
DOPR	Dopca	34.56 294	iP	P	06 20 28.5 +1.5
FIAT	Finess Array S	34.65 322	P	P	06 20 27.4 -0.1
FINES	Finess Array B	34.65 322	P	P	06 20 27.6 0.0
FINES	comp=Z,1.3nm,0.5s,baz=110,slow=9.5,SNR=126	LR	LR		06 35 10.2
FINES	comp=Z,573nm,19.6s,baz=103,slow=37	LR	LR		
WHIN	Wuhan	34.66 95	iP	P	06 20 39.3 +1.1
VOIR	Wuhan	34.86 95	iP	P	06 20 38.0 +0.9
PABE	Paberze	34.89 311	eP	P	06 20 30.3 +0.6
PABE	Paberze	34.89 311	P	P	06 20 29.8 +0.1
LVV	L'vov	34.96 301	eP	P	06 20 32.0 -0.2
LVV			e	S	06 21 54.4
LVV			eS	S	06 25 59.0 -0.9
LVV	comp=Z,500nm,15.0s	MLR	MLR		
COPA	Copaceanca	35.03 291	iP	P	06 20 33.1 +2.0
STFR	Stefanesti-Arg	35.06 292	iP	P	06 20 33.2 +1.8
ARCR	ARCALIA	35.08 296	iP	P	06 20 33.4 +1.9
ARR	Arges	35.19 293	iP	P	06 20 33.4 +0.9
MTSE	Matsula	35.27 317	eP	P	06 20 33.6 +0.7
BMR	Baia Mare	35.57 297	iP	P	06 20 37.3 +1.6
CJR	Cluj-Napoca	35.66 296	P	P	06 20 47.9 +2.2
CBRR	Cluj-Babes-Bol	35.68 296	iP	P	06 20 38.2 +1.6
KWP	Kalvaria Pacla	35.84 301	eP	P	06 20 39.2 +1.3
TRPA	Tarpa	36.14 298	iP	P	06 20 41.7 +1.2
TRPA	Tarpa	36.14 298	eP	P	06 20 40.6 +0.7
TRPA			ePP	P	06 22 04.5 +1.7
KOLS	Kolonicke sedl	36.20 300	eP	P	06 20 41.4 +0.3
KOLS			pmax	pmax	
KOLS	comp=Z,23nm,1.1s	pmax	pmax		
KOLS	Kolonicke sedl	36.20 300	eP	P	06 20 41.4 +0.3
UZH	Uzhgorod	36.23 299	eP	P	06 20 40.0 -1.3
UZH			e	S	06 21 00.0
UZH			e	S	06 21 00.0
DRGR	Gura Zlata	36.24 296	iP	P	06 20 42.5 +1.0
GZR	Gura Zlata	36.47 294	iP	P	06 20 44.5 +1.0
CRVS	Cervencia-Dubn	36.74 300	eP	P	06 20 47.9 +2.2
CRVS	Cervencia-Dubn	36.74 300	eP	P	06 20 47.9 +2.2
VTS	Vitoshka	36.80 289	iP	P	06 20 48.3 +1.9
VTS	Vitoshka	36.80 289	P	P	06 20 47.1 +0.7
VTS	comp=Z,18nm,1.0s	pmax	pmax		
VTS	Vitoshka	36.80 289	P	P	06 20 47.1 +0.7
HERR	Herculean	36.83 293	iP	P	06 20 46.4 0.0
BEL	Belsk	36.84 305	eP	P	06 20 47.2 +0.8
APE	Apeiranthos	36.89 279	iP	P	06 20 48.0 +0.9
ZAPS	Zajvoj	37.06 290	eP	P	06 20 50.0 +1.5
ZAGS	Zajecar	37.20 291	eP	P	06 20 50.6 +1.0
BZS	Buzias	37.22 294	iP	P	06 20 51.7 +0.6
NJ2	Nanjing	37.33 89	eP	P	06 20 52.5 +1.7
NJ2			pmax	pmax	

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like CRES Cresnev, PERS Pernice, KCRC Cesky Krumlov, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like NRCA Norcia, RETA Reutte, TEOL Teolo, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like BORG Borgarnes, BORG BORG, BORG Borgarnes, etc.

CCB	Clear Creek Bu	69.56	18	I	Amb	I	Amb	06 24 47.5
IL31	Elison Array	69.66	17	I	Amb	I	Amb	06 24 47.9
ILAR	comp-Z,13nm,0.8s	69.66	17	P	P	P	P	06 24 46.9 -0.5
ILAR	comp-Z,11nm,0.8s,baz=322,slow=4.9,SNR=114			LR	LR			06 58 23.2
KTH	comp-Z,61nm,18.4s,baz=311,slow=38	69.74	19	I	Amb	I	Amb	06 24 48.9
L19K	Kantishna Hill	69.82	22	I	Amb	I	Amb	06 24 50.6
L19K	White Mountain	69.82	22	P	P	P	P	06 24 48.9 +0.4
L20K	White Mountain	69.82	22	P	P	P	P	06 24 48.8 +0.2
PPLA	Purkeypile	69.96	20	P	P	P	P	06 24 48.9 -0.5
HDA	Harding Lake	69.96	17	P	P	P	P	06 24 48.4 -0.9
TRF	Thorefore Moun	69.98	19	P	P	P	P	06 24 49.0 -0.6
MCK	McKinley	70.08	19	P	P	P	P	06 24 49.6 -0.4
J25K	Salcha River	70.13	17	P	P	P	P	06 24 49.7 -0.7
EPYK	Eagle Plains	70.19	12	P	P	P	P	06 24 50.0 -0.7
RND	Reindeer	70.37	19	I	Amb	I	Amb	06 24 53.8
J26L	Joseph Creek	70.61	16	P	P	P	P	06 24 53.3 -0.1
I29M	Ogilvie Camp	70.85	13	P	P	P	P	06 24 54.2 -0.4
EGAK	Eagle	70.85	15	P	P	P	P	06 24 54.1 -0.5
WAT1	Susitna Watana	70.94	19	P	P	P	P	06 24 54.0 -1.3
SCRK	Sand Creek	70.99	16	I	Amb	I	Amb	06 24 56.6
SCRK	Sand Creek	70.99	16	P	P	P	P	06 24 55.1 -0.6
DHY	Denali Highway	71.01	18	I	Amb	I	Amb	06 24 56.1
DHY	Denali Highway	71.01	18	P	P	P	P	06 24 55.0 -0.9
RHDG	Independent Ri	71.01	17	I	Amb	I	Amb	06 24 56.0
RIDG	Independent Ri	71.01	17	P	P	P	P	06 24 55.0 -0.7
N19K	Bonanza Creek	71.03	23	P	P	P	P	06 24 55.4 -0.6
KOWA	Kowa	71.10	273	P	P	P	P	06 24 56.5 -0.3
KOWA	Kowa	71.10	273	P	P	P	P	06 24 56.6 -0.3
WAT2	Susitna Watana	71.34	19	P	P	P	P	06 24 56.9 -1.0
SPCR	Spurr Chakacha	71.35	21	P	P	P	P	06 24 57.2 -0.6
M22K	Willow	71.45	20	P	P	P	P	06 24 58.0 -0.3
PAX	Paxson	71.54	18	I	Amb	I	Amb	06 24 59.5
PAX	Paxson	71.54	18	P	P	P	P	06 24 58.6 -0.4
O19K	Port Alsworth	71.58	23	P	P	P	P	06 24 59.1 0.0
J29M	Klondike Camp	71.69	14	P	P	P	P	06 24 59.7 -0.1
GHO	Glory Hole Crs	71.74	20	I	Amb	I	Amb	06 25 00.6
DAWY	Dawson	71.83	14	I	Amb	I	Amb	06 25 01.5
DAWY	Dawson	71.83	14	P	P	P	P	06 25 00.4 -0.3
PMR	Palmer	71.84	20	I	Amb	I	Amb	06 25 01.2
PMR	Palmer	71.84	20	P	P	P	P	06 25 00.0 -0.6
SML	Sawmill	71.86	19	P	P	P	P	06 25 00.5 -0.3
P18K	Big Mountain	71.96	24	P	P	P	P	06 25 01.7 +0.2
L26K	Log Cabin Wild	71.96	17	P	P	P	P	06 25 01.4 -0.1
SCM	Sheep Creek Mo	72.09	19	P	P	P	P	06 25 01.9 -0.4
HARP	HAARP	72.11	18	P	P	P	P	06 25 02.9 +0.6
M24K	Tolsona, Glenn	72.13	18	P	P	P	P	06 25 02.5 0.0
KNK	Knik Glacier	72.17	20	P	P	P	P	06 25 02.5 -0.2
L27K	Beaver Creek	72.25	16	P	P	P	P	06 25 03.4 +0.2
M26K	Nabesna, AK	72.59	17	I	Amb	I	Amb	06 26 53.6
M26K	Nabesna, AK	72.59	17	P	P	P	P	06 25 05.1 -0.1
O22K	Cooper Landing	72.63	21	P	P	P	P	06 25 05.5 +0.2
KLU	Klutina	72.72	19	I	Amb	I	Amb	06 25 07.8
KLU	Klutina	72.72	19	P	P	P	P	06 25 05.9 -0.2
HOM	Homer	72.79	22	P	P	P	P	06 25 06.2 -0.1
M27K	Edge Creek, AK	72.87	16	P	P	P	P	06 25 07.3 +0.3
N25K	Chitina, Valde	72.93	18	P	P	P	P	06 25 07.3 -0.1
GLI	Glacier Island	72.97	19	P	P	P	P	06 25 06.9 -0.5
BRSE	Bradley Lake S	72.97	22	P	P	P	P	06 25 07.1 -0.4
BVCY	Beaver Creek	73.03	16	P	P	P	P	06 25 08.3 +0.4
DIV	Divide	73.07	19	I	Amb	I	Amb	06 25 09.1
SDPT	Sand Point	73.21	29	P	P	P	P	06 25 10.5 +0.4
MCARA	McCarthy VSAT	73.49	17	P	P	P	P	06 25 10.3 -0.2
BMRM	Bremner River	73.49	18	I	Amb	I	Amb	06 25 11.9
BMRM	Bremner River	73.49	18	P	P	P	P	06 25 10.7 +0.2
M30M	Minto, Yukon	73.67	14	P	P	P	P	06 25 11.6 0.0
YUK3	Moose Creek	73.69	16	P	P	P	P	06 25 11.6 -0.4
CRQE	Cirque	74.03	18	P	P	P	P	06 25 14.0 +0.2
BERG	Berg Lake	74.21	18	I	Amb	I	Amb	06 25 17.5
CTG	Chitna Glacier	74.23	17	P	P	P	P	06 25 14.9 -0.1
OHAK	Old Harbor	74.32	24	P	P	P	P	06 25 15.7 +0.3
M31M	Drury Creek, Y	74.44	13	P	P	P	P	06 25 16.2 +0.1
YUK4	Talbot Arm	74.45	15	P	P	P	P	06 25 16.1 -0.3
MMPY	Sheldon Lake	74.55	11	P	P	P	P	06 25 17.1 +0.4
FARO	Faro, Yukon	74.59	13	P	P	P	P	06 25 17.1 +0.2
N31M	Braeburn, Yuko	74.87	14	P	P	P	P	06 25 18.5 0.0
YUK6	Outpost Mounta	74.87	15	P	P	P	P	06 25 19.1 +0.3
WRGLY	Wrigley	74.95	8	P	P	P	P	06 25 19.5 +0.6
HYT	Haines Junctio	75.15	15	I	Amb	I	Amb	06 25 22.0
HYT	Haines Junctio	75.15	15	P	P	P	P	06 25 20.3 0.0
PNL	Peninsula	75.83	16	P	P	P	P	06 25 24.1 0.0
PSA00	Pilbara Seismi	76.01	136	P	I	Amb	I	06 25 25.5 0.0
PSA00	Pilbara Seismi	76.01	136	P	I	Amb	I	06 25 26.2
TGNT	Hyland Airport	76.03	10	P	P	P	P	06 25 25.7 +0.5
YKA	Yellowknife Ar	76.35	4	P	P	P	P	06 25 26.9 0.0
YKA	comp-Z,17nm,0.6s,baz=5.6,slow=5.8,SNR=67			LR	LR			07 01 48.2

KNRA	Kununurra	76.43	125	P	P	I	Amb	06 25 27.4 -0.5
KNRA	comp-Z,22nm,0.9s			I	Amb	I	Amb	06 25 28.9
FITZ	Fitzroy	76.43	129	P	P	P	P	06 25 27.6 -0.4
P33M	Teslin, Yukon	76.58	13	P	P	P	P	06 25 28.1 -0.4
DBIC	Dimbokro	76.73	267	P	P	P	P	06 25 29.2 -0.6
DBIC	Dimbokro	76.73	267	P	P	P	P	06 25 28.4 -1.4
DBIC	comp-Z,28nm,0.9s			pmax	pmax			
DBIC	Dimbokro	76.73	267	P	I	Amb	I	06 25 28.4 -1.4
DBIC	Dimbokro	76.73	267	P	I	Amb	I	06 25 30.4
SKAG	Skagway	76.83	15	P	P	P	P	06 25 29.9 +0.2
KIC	Koson Boka	76.84	267	ePKP2	P	P	P	06 25 30.1 -0.4
TIC	Toumoudi	76.87	267	ePKP2	P	P	P	06 25 30.2 -0.5
LIC	Lamto	77.14	267	ePKP2	P	P	P	06 25 31.3 -0.9
SCHO	Schefferville	78.35	338	P	P	P	P	06 25 37.8 -0.5
SCHO	comp-Z,11nm,0.9s,baz=33,slow=6.0,SNR=9.7			LR	LR			06 59 47.1
SCHO	comp-Z,96nm,22.0s,baz=100,slow=35			LR	LR			06 28 20.9
SCHO	Schefferville	78.35	338	I	Amb	I	Amb	06 28 20.9
DLBC	Dease Lake	78.73	12	I	Amb	I	Amb	06 28 35.9
TSUM	Tsumbe	79.27	233	P	P	P	P	06 25 43.6 -0.4
LBTB	Lobate	79.43	223	P	P	pmax	pmax	06 25 45.2 +0.6
LBTB	comp-Z,13nm,0.8s			P	P			06 25 45.2 +0.6
LBTB	Lobate	79.43	223	P	I	Amb	I	06 25 46.0
BOSA	Boshof	82.56	221	P	P	P	P	06 26 00.9 -0.4
BOSA	comp-Z,6.2nm,0.9s,baz=22,slow=3.0,SNR=8.2			LR	LR			07 02 35.1
BOSA	Boshof	82.56	221	I	Amb	I	Amb	06 26 12.5
WRA	Warramunga Arr	83.11	124	P	P	P	P	06 26 03.9 -0.3
WRA	comp-Z,6.6nm,0.7s,baz=323,slow=5.0,SNR=26			PP	PP			06 29 13.3 -2.5
WRA	comp-Z,0.4nm,0.7s,baz=312,slow=7.1,SNR=1.2			LR	LR			07 10 04.8
WRAB	Tennant Creek	83.11	124	P	P	pmax	pmax	06 26 04.0 -0.2
WRAB	Tennant Creek	83.11	124	P	I	Amb	I	06 26 04.0 -0.2
WRAB	Tennant Creek	83.11	124	P	I	Amb	I	06 26 04.6
WB2	Warramunga Arr	83.11	124	I	Amb	I	Amb	06 26 07.2 -0.6
FFC	Fin Flon	84.25	357	P	P	pmax	pmax	06 26 09.7 +0.1
FFC	Fin Flon	84.25	357	P	P	pmax	pmax	06 26 09.7 +0.1
FFC	Fin Flon	84.25	357	P	I	Amb	I	06 26 10.4
PMG	Port Moresby	84.28	108	P	P	P	P	06 26 10.4 +0.1
PMG	comp-Z,4.5nm,0.3s,baz=19,slow=8.6,SNR=3.6			LR	LR			07 02 28.5
PMG	Port Moresby	84.28	108	P	P	pmax	pmax	06 26 10.4 +0.1
COEN	Coen	84.61	114	P	I	Amb	I	06 26 11.9 -0.1
COEN	Coen	84.61	114	P	I	Amb	I	06 26 12.6
ASAR	Alice Springs	85.62	127	P	P	P	P	06 26 16.2 -0.6
ASAR	comp-Z,7.4nm,0.7s,baz=317,slow=4.6,SNR=105			LR	LR			07 09 02.2
PKME	Peak-Kenny Pk	87.53	348	P	P	P	P	06 26 25.6 -0.4
ULM	Lac du Bonnet	88.32	353	P	P	P	P	06 26 28.6 -1.1
ULM	comp-Z,4.9nm,0.7s,baz=356,slow=4.0,SNR=6.2			LR	LR			07 08 12.5
ULM	Lac du Bonnet	88.32	353	I	Amb	I	Amb	06 29 24.1
LONY	Lake Ozonia	89.73	338	P	P	P	P	06 26 35.9 -0.6
B05A	Bryant	89.77	10	P	P	P	P	06 26 36.2 -0.3
WALA	Waterloo Lakes	89.79	5	I	Amb	I	Amb	06 26 37.5
B08A	Bryant	90.02	8	I	Amb	I	Amb	06 26 38.4
EYMN	Ely	90.11	350	P	P	P	P	06 26 37.5 -0.6
AGMN	Agassiz Nation	90.26	353	P	P	P	P	06 26 38.2 -0.6
C06D	Leavenworth	90.26	9	P	P	P	P	06 26 38.8 0.0
NEW	Newport	90.33	7	I	Amb	I	Amb	06 26 40.3
NEW	Newport	90.33	7	P	P	P	P	06 26 39.2 0.0
D03D	Eldon	90.35	11	P	P	P	P	06 26 39.4 +0.2
DGMT	Dagmar	90.57	358	P	P	P	P	06 26 40.0 -0.3
C09A	Chrisman Ranch	90.68	8	I	Amb	I	Amb	06 26 42.0
EGMT	Egdon	91.00	2	P	P	P	P	06 26 42.4 0.0
L61B	Northampton	91.13	336	P	P	P	P	06 26 42.9 0.0
D08A	Wongan Farm	91.34	8	I	Amb	I	Amb	06 26 44.7
MSO	Missoula	92.00	5	P	P	P	P	06 26 46.9 -0.2
LAO	LASA Array	92.38	360	P	P	P	P	06 26 48.8 +0.1
BOZ	Bozeman (W)	93.36	3	I	Amb	I	Amb	06 26 54.2
BOZ	Bozeman (W)	93.36	3	P	P	P	P	06 26 53.6 +0.1
PLID	Pearl Lake	93.58	7	I	Amb	I	Amb	06 26 55.2
RLMT	Red Lodge	93.92	2	I	Amb	I	Amb	06 26 57.5
RLMT	Red Lodge	93.92	2	P	P	P	P	06 26 56.0 -0.1
SSPA	Standing Stone	94.34	338	P	P	P	P	06 26 56.9 -0.8
SUSD	Miller	94.34	354	P	P	P	P	06 26 57.3 -0.5
H17A	Grant Village	94.60	3	I	Amb	I	Amb	06 27 02.8
H17A	Grant Village	94.60	3	P	P	P	P	06 26 59.5 +0.2
J05D	Fort Rock, OR	94.77	11	P	P	P	P	06 27 00.3 +0.3
JFWS	Jewell Farm	94.85	348	P	P	P	P</	

1d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CACV, SBCV, VILC, WILC, MERV, BIRV.

FUNV 01 07:04:18.9, 8.44N, 71.39W, h5km, MW3.2
ISC 01 07:04:18.6, 1.8, 8.45N, 0.04:71.36W, 0.03, h13km, 9km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOCV, SDV, CAPV, PAMC, OCAC.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAPP, BAVU, MONV, BENV, CACV, BIRV.

IDC 01 07:07:17.9, 2.4, 5.74S, 126.85E, h0km, mb3.6/1.1
mb1 3.6/3, mb1mx3.2/34, mbtmp3.4/3, ML3.4-2, Error ellipse: s-maj=327.5km s-min=29.6km az=60, Banda Sea

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

UPA 01 07:14:34.1, 1.6, 8.83N, 78.32W, h0km, 10km, MW4.5, Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UPD2, CHPO, GAMB1, CHOR3, ZANG, AZU, CHIT3.

NEIC 01 07:20:36.5, 1.9, 24.24S, 0.05:67.07W, 0.10, h164km, 6km, mb4.5/32, ML4.9(GUC), Error ellipse: s-maj=12.8km s-min=7.6km az=84.0

IDC 01 07:20:36.6, 0.9, 24.13S, 66.97W, h169km, 6km, mb3.9/14, mb1 4.0/20, mb1mx3.9/34, mbtmp4.4/20, Error ellipse: s-maj=12.7km s-min=11.0km az=39.0

VAO 01 07:20:36.0, 0.3, 24.18S, 67.15W, h172km, mb4.5, GUC 01 07:20:38.0, 2.7, 24.19S, 67.47W, h212km, 9km, ML4.9, SJA 01 07:20:38.1, 0.9, 24.24S, 67.25W, h150km, ML4.3, MW4.3, ISC 01 07:20:36.6, 0.6, 24.20S, 0.04:67.19W, 0.03, h169km, n204, r1526/230, mb4.3/25, 15C, Chile-Argentina border region

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB15, ASTB, YJA, PB06, PB06.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALOL, ALOL, PB14, PB14.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB09, PB09, PB09.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB09, AHML, PB05.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB10, PB10, PB10.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB04, PB04, PB04.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB07, PB07, PB07.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB02, PB02, PB02.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APPL, APPL, PB12.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO05, CO05, CO05.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VA03, CPUP, CPUP.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VA03, CPUP, CPUP.

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

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

12

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSCB, MANO1, PEXB.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VASO1, ITTB, DIAM.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUB01, MC01, IANB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAM01, SDBA, SMTB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTGA, PRPB, ALF01.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NANO1, GUAO1, BOAV.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOAV, CMCO1, MCPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GDU01, TMAB, ROSB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDP, PMSA, VNA3.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA1, VNA2, SNA4.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNA4, SNA4, V55A.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like V55A, WLAR, JCT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WWT, WWT, TX31.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TX31, TX32, TXAR.

CO06	comp=E,51um,0.6s	IAML		07 26 49.2	
CO06	Fray Jorge	0.93 346	Pb	07 26 31.0 +0.9	
VA06	Catapilco	0.98 176	Pb	07 26 31.4 +0.4	
VA06			Sb	07 26 44.1 +0.5	
VA06			Pb	07 26 47.0	
VA03	comp=E,46um,0.2s	IAML			
VA03	San Esteban	1.37 150	Pb	07 26 37.7 +0.1	
VA03			Sb	07 26 54.9 +0.1	
VA03			Pb	07 26 59.2	
VA03	comp=E,22um,0.5s	IAML			
VA03	San Esteban	1.37 150	Pb	07 26 37.9 +0.3	
VA03	San Esteban	1.37 150	Pb	07 26 38.0 +0.4	
VA03			Sb	07 27 08.7	
ROCH	comp=Z,10um,1.4s	IAML			
ROCH	El Roble	1.42 168	Pb	07 26 38.3 -0.2	
ROCH			Sb	07 26 38.1 -0.4	
ROCH			Pb	07 26 57.0 +0.6	
ROCH			Sb	07 26 57.1 +3.1	
ROCH			Pb	07 27 00.1	
ROCH	comp=N,17um,0.5s	IAML			
ROCH			Pb	07 27 00.3	
ROCH	comp=N,22um,0.2s	IAML			
ROCI	El Roble	1.42 168	Pb	07 26 38.0 -0.6	
ROCI			Sb	07 26 57.4 +0.8	
GO04	Tololo Observa	1.49 201	Pb	07 26 40.2 +0.5	
GO04			Sb	07 26 59.4 +1.1	
GO04	Tololo Observa	1.49 20	Pb	07 26 40.2 +0.5	
GO04			Sb	07 26 40.0 +0.5	
GO04	Tololo Observa	1.49 20	Pb	07 26 40.0 +0.5	
GO04			Sb	07 27 00.9 +2.6	
CO05	La Serena	1.66 41	Pb	07 27 00.6	
CO05			Sb	07 27 03.0 +0.1	
CO05			Pb	07 27 08.2	
PEL	comp=E,24um,0.5s	IAML			
PEL	Peidehue	1.66 160	Pb	07 26 41.9 -0.7	
PEL			Sb	07 27 03.6 +0.4	
PEL	Peidehue	1.66 160	Pb	07 26 42.0 -0.5	
PEL	Peidehue	1.66 160	Pb	07 26 42.0 -0.5	
MT02	Curacav	1.69 173	Pb	07 26 41.5 -1.3	
MT02			Sb	07 27 03.7 0.0	
MT02			Pb	07 27 06.3	
MT02	comp=E,7um,0.2s	IAML			
MT02	Curacav	1.69 173	Pb	07 26 42.9 0.0	
MT02	Curacav	1.69 173	Pb	07 26 41.7 -1.2	
MT02			Sb	07 26 42.0 -0.9	
MT02			Pb	07 27 05.2 +1.4	
MT02			Sb	07 27 17.9	
RTLS	comp=Z,6um,0.5s	IAML			
RTLS	Leoncito	1.79 98	Pb	07 26 46.3 +1.6	
RTLS			Sb	07 27 09.7 +2.8	
RTLS			Pb	07 27 14.9	
AUSP	comp=Z,4um,0.6s	IAML			
AUSP	Uspallata	1.81 111	Pb	07 26 46.5 +1.3	
MT05	Renca	1.89 164	Pb	07 26 44.9 -1.3	
MT05			Sb	07 27 08.8 -0.7	
MT05			Pb	07 27 12.0	
MT05	comp=E,15um,0.5s	IAML			
MT05	Renca	1.89 164	Pb	07 26 45.0 -1.3	
MT05			Sb	07 27 11.2 +1.7	
MT05			Pb	07 27 18.2	
FCH	comp=Z,6um,0.8s	IAML			
FCH	Farellones	1.97 153	Pb	07 26 46.4 -1.4	
FCH			Sb	07 27 11.6 -0.5	
FCH			Pb	07 27 21.2	
VA05	comp=E,5um,0.6s	IAML			
VA05	Santo Domingo	2.08 185	Pb	07 26 46.4 +1.3	
VA05			Sb	07 27 23.7 -1.8	
VA05			Pb	07 27 20.8	
VA05	comp=E,11um,0.6s	IAML			
VA05	Santo Domingo	2.08 185	Pb	07 26 46.8 +1.7	
AROD	Rodeo	2.16 50	Pb	07 26 52.0 +0.9	
MT09	Talagante	2.21 172	Pb	07 27 08.6 +2.5	
MT09			Sb	07 27 16.1 +2.7	
MT09			Pb	07 27 25.1	
MT09	comp=N,5um,0.2s	IAML			
ACCO	Cerro Coronel	2.22 64	Pb	07 26 53.0 +0.9	
MT01	Popeta	2.28 177	Pb	07 27 18.2 +2.0	
MT01			Sb	07 27 18.6 +2.1	
MT01			Pb	07 27 25.9	
MT01	comp=E,7um,0.1s	IAML			
MT01	Popeta	2.28 177	Pb	07 26 49.9 +2.0	
MT01			Sb	07 27 21.9 +1.2	
ZON			Pb	07 27 26.7	
ZON	comp=Z,3um,0.2s	IAML			
ZON	Zonda	2.30 90	Pb	07 26 54.0 +0.6	
ZON			Sb	07 27 27.5 +6.0	
ZON			Pb	07 27 41.4	
ASAL	comp=Z,3um,0.7s	IAML			
ASAL	Salagasta	2.38 116	Pb	07 26 55.0 +0.3	
ASAL			Sb	07 27 10.1 -7.4	
ACDV	Cuesta del Vie	2.40 55	Pb	07 26 49.7 0.0	
ACDV			Sb	07 26 55.0 0.0	
ACDV			Pb	07 27 30.9 +6.7	
ACDV			Sb	07 27 33.7	
ARCO	comp=Z,2um,0.3s	IAML			
ARCO	CERRO ARCO	2.42 122	Pb	07 26 56.0 +0.5	
ARCO			Sb	07 27 37.3 +1.2	
ARCO			Pb	07 27 43.7	
RTVC	comp=Z,3um,0.7s	IAML			
RTVC	Cerro Valdivia	2.43 97	Pb	07 26 49.7 -0.4	
RTVC			Sb	07 26 55.0 -0.6	
LMEL	Las Melosas	2.47 157	Pb	07 26 54.0 -2.3	
LMEL			Sb	07 27 33.9 -2.4	
LMEL			Pb	07 27 31.9	
BO04	comp=N,4um,0.2s	IAML			
BO04	La Punta	2.49 165	Pb	07 26 53.3 +2.5	
AAGR	Agrelo	2.63 125	Pb	07 26 58.0 -0.9	
AAGR			Sb	07 27 43.7 -1.0	
LCO	Las Campanas	2.63 13	Pb	07 26 56.1 -3.0	
LCO	Las Campanas	2.63 13	Pb	07 26 56.0 -3.0	
BO01	Tunca	2.81 175	Pb	07 26 57.3 +2.0	
BO01	Tunca	2.81 175	Pb	07 26 58.3 +3.0	
BO01	Tunca	2.81 175	Pb	07 26 57.0 +1.8	
BO01			Sb	07 27 07.7 -4.7	
BO01			Pb	07 27 45.0	
BO02	comp=Z,2um,1.1s	IAML			
BO02	Sierra Bellavi	3.24 171	Pb	07 27 03.6 +2.5	
BO02	Sierra Bellavi	3.24 171	Pb	07 27 03.8 +2.6	
BO02			Sb	07 27 23.9 +4.5	
BO02			Pb	07 28 06.9	
AC04	comp=Z,3um,0.8s	IAML			
AC04	Llanos de Chal	3.38 5	Pb	07 27 05.0 +2.1	
AC04			Sb	07 27 05.0 +2.1	
AC04	Llanos de Chal	3.38 5	Pb	07 27 49.7 -2.5	
AC04			Sb	07 28 01.0	
GO05	comp=Z,3um,0.4s	IAML			
GO05	Huala	3.45 188	Pb	07 27 04.4 +0.4	
GO05	Huala	3.45 188	Pb	07 27 04.7 +0.6	
AVFE	Valle Fertil	3.48 76	Pb	07 27 09.9 -4.4	
AVFE			Pb	07 28 15.9	
VCA	comp=Z,2um,0.6s	IAML			
VCA	Vinchina	3.95 45	Pb	07 27 03.2 -7.7	
VCA			Sb	07 27 11.2 -1.0	
VCA			Pb	07 28 07.7 -1.1	
VCA			Sb	07 28 13.0	
RFA	comp=Z,5um,0.5s	IAML			
RFA	San Rafael	4.01 143	Pb	07 27 11.2 -0.6	
RFA			Sb	07 27 15.7 -6.8	
RFA			Pb	07 28 23.6 +1.3	
RFA			Sb	07 28 27.2	
ACHE	comp=Z,518nm,0.6s	IAML			
ACHE	Chepes	4.05 85	Pb	07 27 17.1 +4.7	
GO03	Copiap	4.10 141	Pb	07 27 15.2 +2.7	
GO03	Copiap	4.10 141	Pb	07 27 16.0 -7.9	
GO03			Sb	07 28 05.7 +5.9	
GO03			Pb	07 28 05.7 +5.9	
ML02	Panmavida	4.17 180	Pb	07 27 16.0 +2.1	
APLL	PUNTA DE LOS L	4.33 70	Pb	07 27 20.0 +3.9	
ACL	CERRO LA CRUZ	4.38 62	Pb	07 27 15.7 -1.3	
ACL			Sb	07 27 21.3 -7.3	
ACL			Pb	07 28 14.2 -7.1	
ACL			Sb	07 28 22.9	
TINO	comp=Z,3um,0.5s	IAML			
TINO	Tinogasta	4.82 44	Pb	07 27 28.0 +5.1	
AC02	Marcungu	5.12 23	Pb	07 27 30.0 +2.6	
AC02			Sb	07 28 37.2 -5.7	
AC02			Pb	07 29 06.3	
CYA	comp=Z,1um,0.9s	IAML			
CYA	Choya	5.76 59	Pb	07 27 38.7 +3.0	
CYA			Pb	07 29 27.9	

VA04	Juan Fernandez	6.62 250	Pn	07 27 47.8 +0.4	
H03N1	Juan Fernandez	6.62 252	T	07 34 31.2	
H03N2	Juan Fernandez	6.64 252	T	07 34 28.5	
H03N2	Juan Fernandez	6.65 252	T	07 34 31.5	
H03S3	Juan Fernandez	6.73 249	T	07 34 40.6	
H03S1	Juan Fernandez	6.74 248	T	07 34 40.1	
H03S2	Juan Fernandez	6.75 249	T	07 34 41.5	
LC01	Limón Verde	7.31 183	Pn	07 27 57.5 +0.4	
LC01	Cunco	7.31 183	eP	07 27 57.0 0.0	
LR03	Panguipulli	8.07 185	Pn	07 28 07.8 +0.4	
PLCA	Paso Flores	9.16 176	P	07 28 23.8 +1.4	
PLCA	comp=Z,0.6nm,0.3s,baz=341,slow=10,SNR=12		LR	07 31 57.7	
PLCA	comp=Z,294nm,19.8s,baz=353,slow=38		LR	07 31 57.7	
PLCA	Paso Flores	9.16 176	eP	07 28 24.2 +1.9	
LVC	Limón Verde	9.20 14	Pn	07 28 24.3 +0.9	
LVC	Limón Verde	9.20 14	Pn	07 28 24.5 +1.2	
LVC	Limón Verde	9.20 14	Pn	07 28 24.7 +1.4	
LRQA	Torquisto	10.06 132	eP	07 28 36.2 +1.4	
ALOL	LOMAS DE OLMEDO	10.13 42	eP	07 28 42.0 +6.2	
ITQB	Itaqui	12.85 85	eP	07 29 12.8 0.0	
ITQB	Itaqui	12.85 85	Pn	07 29 12.9 +0.1	
CPUP	Villa Florida	13.38 70	P	07 29 20.4 +0.5	
CPUP	comp=Z,0.5nm,0.3s,baz=245,slow=12,SNR=8.6		LR	07 34 59.5	
CPUP	comp=Z,510nm,20.2s,baz=247,slow=39		LR	07 29 20.5 +0.6	
CPUP	Villa Florida	13.36 70	eP	07 29 19.7 -0.2	
PLTB	Pedras Altas	15.14 95	eP	07 29 43.2 -0.8	
PLTB	Pedras Altas	15.14 95	eP	07 29 43.0 -1.0	
CPBS	Cacapava Do Su	15.43 90	eP	07 29 47.6 -0.2	
LPAZ	La Paz	15.51 12	P	07 29 51.0 +1.6	
LPAZ	La Paz	15.51 12	P	07 29 51.7 -1.9	
LPAZ	La Paz	15.51 12	P	07 29 51.3 -2.3	
ITAB	Concordia	17.32 80	P	07 30 14.1 +1.1	
ITAB			IAMB	07 30 31.3	
CNBL	Canela	17.84 88	eP	07 30 18.1 -0.2	
AQDD	Aquidauana	17.89 56	eP	07 30 19.4 +0.1	
SIV	San Ignacio	18.14 34	P	07 30 22.2 +0.1	
SIV	comp=Z,1.8nm,0.3s,baz=204,slow=8.6,SNR=50		eP	07 30 38.1 +3.0	
SIV	comp=Z,4.2nm,0.3s,baz=210,slow=9.0,SNR=18		LR	07 38 12.6	
PTGB	Pitanguçu	18.34 73	Pn	07 30 25.9 +1.4	
TRCB	Terra Rica	18.81 67	eP	07 30 31.0 +0.8	
TERO1	Tubarão-SC	19.49 87	eP	07 30 38.3 +0.1	
PTLB	Pontes e Lacer	19.56 38	eP	07 30 36.8 -0.9	
PTLB	Pontes e Lacer	19.56 38	eP	07 30 38.6 -0.6	
NNA	Nana	20.14 344	LR	07 37 19.1	
PCMB	Pacembu	20.52 66	eP	07 30 48.8 +0.7	
TJ01	Guarua-PR	20.62 78	eP	07 30 47.5 -1.7	
SALV	San Antonio	21.16 46	eP	07 30 55.6 +0.5	
VILB	Vilhena	21.20 32	P	07 30 55.7 +0.2	
VILB	Vilhena	21.20 32	P	07 31 15.8	
ETMB	Extrema	22.18 14	eP	07 31 07.1 +1.0	
ETMB	Extrema	22.18 14	P	07 31 07.2 +1.2	
ETMB			IAMB	07 31 27.3	
ITRB	Iturama	22.29 63	eP	07 31 07.3 +0.1	
BB19B	Bebedouro	22.96 68	eP	07 31 15.0 +0.7	
RCLB	Rio Claro- Sao	23.08 73	eP	07 31 16.4 +0.8	
VAO	Valinhos	23.28 74	eP	07 31 18.5 +1.0	
USHA	Ushuaia	23.34 176	P	07 31 17.7 0.0	
USHA	comp=Z,1.68nm,1.5s,baz=36,slow=3.4,SNR=3.9		LR	07 39 58.4	
CZSB	Cruzeiro do Su	23.75 357	P	07 31 23.5 +1.3	
CZSB	Cruzeiro do Su	23.75 357	P	07 31 23.5 +1.3	
CZSB</					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Vestal, Boshof, BOSA, R11A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PALE, PALE, MALAGA-LIMONER, MALAGA-LIMONER, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MIYV, Miyakonagasawa, MIYJ, Tanohata, etc.

FUN 01 07:46:03.9, 7.847N:71.38W, h5km, MW3.3
ISC 01 07:46:03.9, 1.2, 8.48N:0.04:71.37W:0.03, h10km, 10km,

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

RSRPR 01 08:22:12.1, 18.26N:68.97W, h157km, 6km, MD3.8/8
NEIC 01 08:22:12.1, 9.18, 14.4N:0.3:68.92W:0.09, h153km, 16km,

OSPL 01 08:22:14.7, 0.8, 17.60N:68.96W, h7km, 25km, ML2.6
ISC 01 08:22:14.2, 1.1, 18.4N:0.2:68.93W:0.04, h134km, n49,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DR12, Loma Pena Alta, SDD, Santo Domingo, etc.

1d 10h

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like GTA Gaotai, USRK Ussuriysk Ar, USRK Songoing Array, etc.

IDC 01 10:08:34.5-3.3, 31.54N-141.36E, h0km, mb3.7/4, mb1 3.7/7, mb1mx3.5/36, mbtmp3.7/7, ML3.3/3, MS2.2/1, Ms1 2.2/1, ms1mx1.9/34, Error ellipse: s-maj=123.8km s-min=16.3km az=68.0

JMA 01 10:08:34.7-0.2, 31.78N-142.01E, h38km, M3.7, ISC 01 10:08:37.3-1.2, 31.72N-141.81E-0.1, h35km, n14, +0593/16, mb3.7/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like JAOM Aogashimaukai, JHJ2 Mitsune, etc.

VAO 01 10:26:49.6-1.3, 31.81S-69.44W, h93km, mb4.4, IDC 01 10:26:51.7-2.4, 31.47S-69.21W, h98km, mb3.9/10, mb1 3.9/15, mb1mx3.9/29, mbtmp4.2/15, MS2.8/1, Ms1 2.8/1, ms1mx2.5/16, Error ellipse: s-maj=24.2km s-min=14.9km az=95.0

SJA 01 10:26:52.3-0.1, 31.47S-69.34W, h116km, mb3km, ML4.2, MW4.1

NEIC 01 10:26:53.0-1.6, 31.48S-0.05-69.43W-0.07, h111km, 5km, mb4.3/7, Md4.4(SJA), Error ellipse: s-maj=9.4km s-min=7.4km az=104.0

ISC 01 10:26:52.6-0.6, 31.144S-0.03-69.34W-0.04, h110km, 5km, n146, +159/164, mb4.2/15, San Juan Province

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like RTLS Leoncito, ZON Zonda, etc.

2015 DEC

Main table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like CO05 La Serena, ACHE Chepes, VA01 Torpederas, etc.

16

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, KOWA Kowa, ECSD EROS Data Cent, etc.

ECAB	El Cabril	1.94 45	Pn	Pn	10 52 42.5 +0.2
ECAB		comp=E,1.6nm,0.8s,SNR=12			
ECAB			Sn	Sn	10 53 03.1 -2.5
ECAB		comp=E,3.6nm,0.1s,SNR=6.7	Lg	Lg	10 53 10.0
EBAD	Badajoz	2.03 3	Pn	Pn	10 52 43.5 -0.1
EBAD		comp=E,1.2nm,0.3s,SNR=18			
EBAD		comp=E,5.4nm,0.1s,SNR=8.4	Sn	Sn	10 53 05.5 -2.4
EBAD		comp=E,14nm,0.1s,SNR=7.9	Lg	Lg	10 53 13.3
PESTR	Estremoz	2.17 351j	ePn	Pn	10 52 45.4 -0.1
PESTR			eSn	Sn	10 53 11.9 +0.6
PESTR		comp=E,5.7nm,0.6s	A	A	10 53 21.5
PESTR	Estremoz	2.17 351	P	Pn	10 52 45.1 -0.4
PESTR			S	Sn	10 53 11.2 -0.1
EGOR	Sierra Gorda,	2.48 80	Sn	Sn	10 53 18.4 -0.8
EGOR		SNR=9			
PMTG	Montargil	2.49 341	ePn	Pn	10 52 49.9 0.0
PMTG			eSn	Sn	10 53 18.5 -0.7
PMTG		comp=E,6.3nm,0.3s	A	A	10 53 30.7
PMTG	Montargil	2.49 341	Pn	Pn	10 52 49.9 0.0
PMTG			Sn	Sn	10 53 18.5 -0.7
EADA	Adamuz	2.51 54	Pn	Pn	10 52 51.5 +1.3
EADA		comp=E,0.4nm,0.1s,SNR=7.9			
EADA		comp=E,1.4nm,0.2s,SNR=7.9	Pg	Pb	10 52 56.9 +1.0
EADA		comp=E,5.7nm,0.1s,SNR=7.9	Sn	Sn	10 53 17.5 -2.4
EADA		comp=E,5.7nm,0.1s,SNR=7.9	Lg	Lg	10 53 27.9
PMRV	Marv??o	2.71 356j	iPn	Pn	10 52 52.9 0.0
PMRV			eSn	Sn	10 53 23.8 -0.8
PMRV			eSg	Sb	10 53 36.9 +5.0
PMRV			A	A	10 53 40.8
PMRV	Marv??o	2.71 356	Pn	Pn	10 52 52.9 0.0
PMRV			Sn	Sn	10 53 23.8 -0.8
PMRV		comp=E,7.7nm,0.4s	Lg	Lg	10 53 36.9
PMRV		comp=E,7.7nm,0.4s	Sn	Sn	10 53 36.9
PMAFR	Mafra	2.79 324	ePn	Pn	10 52 54.7 +0.7
PMAFR			eSn	Sn	10 53 26.1 -0.6
PMAFR		comp=E,2.1nm,0.1s	A	A	10 53 26.7
PMAFR	Mafra	2.79 324	Pn	Pn	10 52 54.5 +0.5
PMAFR		comp=E,2.6nm,0.7s,SNR=6.9	Sn	Sn	10 53 24.9 -1.8
ELGU	Los Guares	2.84 86	Pn	Pn	10 52 54.0 -0.8
ELGU		comp=E,0.8nm,0.2s,SNR=7.9			
ELGU		comp=E,2.9nm,0.3s,SNR=7.9	Sn	Sn	10 53 24.6 -3.5
PSBE	So Bento	3.07 336	ePn	Pn	10 52 58.5 +0.6
PSBE			eSn	Sn	10 53 32.6 -1.0
PSBE			Sn	Sn	10 52 58.7 +0.1
PCBR	Castelo Branco	3.12 356	ePn	Pn	10 53 33.0 -1.8
PCBR			eSn	Sn	10 53 33.7
PCBR		comp=E,4.5nm,0.1s	A	A	10 53 33.0
PCBR	Castelo Branco	3.12 356	Pn	Pn	10 52 58.7 +0.1
PCBR			Sn	Sn	10 53 33.0 -1.8
ZHG	ZHG	3.30 172	P	Pn	10 53 02.8 +1.8
ZHG			S	Sn	10 53 39.8 +0.6
EQES	Quesada	3.44 70	Sn	Sn	10 53 40.5 +2.3
EQES		comp=E,0.9nm,0.1s,SNR=7.9			
EPLA	Plasencia	3.44 14	Pn	Pn	10 53 03.5 +0.5
EPLA		comp=E,1.2nm,0.4s,SNR=7.0	Sn	Sn	10 53 40.1 -2.7
EPLA		comp=E,1.2nm,0.1s,SNR=5.0	Lg	Lg	10 53 56.7
PCAS	Casmilo, Conde	3.49 343	ePn	Pn	10 53 04.1 +0.5
PCAS		comp=E,1.5nm,0.2s,SNR=7.9			
PCAS	Casmilo, Conde	3.49 343	Pn	Pn	10 53 04.1 +0.5
PAB	San Pablo	3.59 37	Pn	Pn	10 53 05.6 +0.6
PAB		comp=E,0.2nm,0.1s,SNR=7.9			
PAB		comp=E,0.6nm,0.1s,SNR=7.9	Pg	Pb	10 53 13.8 -0.4
PAB		comp=E,1.6nm,0.1s,SNR=7.9	Sn	Sn	10 54 02.1 -4.4
PAB		comp=E,1.0nm,0.2s,SNR=7.9	Lg	Lg	10 54 00.3
MTE	Manteigas	3.68 355	ePn	Pn	10 53 06.2 -0.2
MTE			eSn	Sn	10 53 45.6 -3.2
MTE			eSg	Sb	10 54 07.7 +7.7
MTE	Manteigas	3.68 355	Pn	Pn	10 53 06.2 -0.2
MTE			Sn	Sn	10 53 45.6 -3.2
MTE			Lg	Lg	10 54 07.7
MTE			Lg	Lg	10 53 10.8 +1.0
SESP	Santiago Espad	3.93 68	Pn	Pn	10 53 19.3 -0.7
SESP		comp=E,0.1nm,0.1s,SNR=7.9			
SESP		comp=E,0.6nm,0.2s,SNR=7.9	Pg	Pb	10 53 52.9 -2.1
SESP		comp=E,3.3nm,0.1s,SNR=7.9	Sn	Sn	10 53 10.1 -0.1
PVIS	Viseu	4.03 352	ePn	Pn	10 53 55.4 -1.9
PVIS			eSn	Sn	10 53 11.0 -0.1
PVIS			Sn	Sn	10 53 55.1 +1.9
PVIS			Pn	Pn	10 53 16.1 +0.9
MD31	MD31	4.33 152	P	Sn	10 54 01.1 -3.6
MVO	Moncorvo	4.44 1	ePn	Pn	10 53 16.9 +0.2
MVO			eSn	Sn	10 54 04.4 -3.0
MVO			Sn	Sn	10 53 16.8 +0.1
MVO	Moncorvo	4.44 1	Pn	Pn	10 54 03.7 -3.6
MVO		comp=E,1.1nm,0.3s,SNR=6.2	Sn	Sn	10 54 03.7 -3.6
GUD	Guadarrama	4.57 30	Pn	Pn	10 53 19.3 +0.7
GUD		comp=E,1.8nm,0.2s,SNR=7.9			
GUD		comp=E,1.4nm,0.9s,SNR=5.7	Sn	Sn	10 54 07.6 -3.1
GUD		comp=E,4.1nm,0.8s,SNR=5.0	Lg	Lg	10 54 30.6
GUD		comp=E,1.2nm,0.3s,SNR=7.9	Lg	Lg	10 54 30.6
POLO	Lamas de Olo	4.67 354	ePn	Pn	10 53 19.8 -0.1
POLO			eSn	Sn	10 54 10.9 -2.3
POLO			A	A	10 54 14.8
POLO		comp=E,1.4nm,0.9s	Pn	Pn	10 53 19.8 -0.1
POLO		comp=E,1.4nm,0.9s	Sn	Sn	10 54 10.9 -2.3
ETOB	Tobarra	4.85 65	Pn	Pn	10 53 20.6 -1.7
ETOB		comp=E,0.6nm,0.2s,SNR=7.9	Sn	Sn	10 54 14.7 -2.8
PCAB	Cabril	5.03 353	eSn	Sn	10 54 18.9 -2.9
PCAB		comp=E,1.8nm,0.1s,SNR=7.9			
PCAB	Cabril	5.03 353	Sn	Sn	10 54 18.9 -2.9
PBRG	Braganca	5.09 4	ePn	Pn	10 53 25.8 +0.2
PBRG		comp=E,1.7nm,0.3s,SNR=7.9			
PBRG	Braganca	5.09 4	Pn	Pn	10 53 25.8 +0.2
ELOB	Lobios	5.18 353	Pn	Pn	10 53 26.8 -0.2
ELOB		comp=E,0.5nm,0.1s,SNR=7.9			
ELOB		comp=E,1.6nm,0.7s,SNR=7.9	Sn	Sn	10 54 22.4 -3.5
ECAL	Calabor	5.22 3	Pn	Pn	10 53 27.6 +0.1
ECAL		comp=E,5.3nm,0.8s,SNR=5.7			
ECAL		comp=E,3.8nm,0.2s,SNR=7.9	Sn	Sn	10 54 23.1 -3.6
ECAL		comp=E,3.8nm,0.2s,SNR=7.9	Lg	Lg	10 54 50.4
PGAV	Gavieira, Arco	5.31 351	ePn	Pn	10 53 28.5 -0.2
PGAV		comp=E,1.7nm,0.3s,SNR=7.9			
PGAV	Gavieira, Arco	5.31 351	Pn	Pn	10 53 28.5 -0.2
OUK	Oukaimeden	5.53 186	P	Pn	10 53 31.4 -0.6
OUK		comp=E,0.6nm,0.2s,SNR=7.9			
OUK		comp=E,1.8nm,0.1s,SNR=7.9	Sn	Sn	10 54 29.9 -4.8
ETOR	Torete	5.71 43	Pn	Pn	10 53 34.2 0.0
ETOR		comp=E,3.0nm,0.1s,SNR=7.9			
TTIG	Tine Tigouga,	6.25 190	Pn	Pn	10 53 38.2 -3.5
TTIG		comp=E,1.1nm,0.3s,SNR=6.2	Sn	Sn	10 54 45.5 -6.7

CMAR		comp=Z,19nm,19.1s,baz=150,slow=47	LR	LR	11 03 42.5
MKAR	Makanchi Array	21.73 344	P	P	11 00 16.1 +0.8
SOMN	Songin Array	24.99 26	P	P	11 00 47.8 +0.1
KURBB	Kurchatov Arra	26.24 342	P	P	11 00 59.3 +0.5
FINES	FINES Array	55.35 326	P	P	11 04 57.4 0.0
NOA	NORSAR Array B	62.50 327	P	P	11 05 46.7 -0.4
ASAR	Alice Springs	64.75 136	P	P	11 06 01.6 -0.8
		0.2nm,0.5s,baz=313,slow=6.8,SNR=3.4			

IDC 01 10:57:49.4±1.2,2.91N,124.97E,h0km,mb3.9/7,
 mb1 4.0/7,mb1mx3.7/41,mbtmp3.9/7,Error ellipse:
 s-maj=112.0km s-min=16.9km az=67.0
 ISC 01 10:57:54.3±1.4,3.0N,0.3,125.1E±0.7,h35km,n7,-0.056/7,
 mb3.9/6,Talud Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
FITZ	Fitzroy Crossi	20.92 179	P	P	11 02 34.4 +0.3
		1.9nm,0.6s,baz=348,slow=5.2,SNR=9.8			
WRA	Warramunga Arr	24.48 159	P	P	11 03 11.0 +0.6
		2.4nm,0.5s,baz=335,slow=10,SNR=45			
ASAR	Alice Springs	57.30 326	P	P	11 03 40.2 -0.1
		0.4nm,0.3s,baz=338,slow=7.5,SNR=20			
STKA	Stephens Creek	38.01 157	P	P	11 05 08.9 -0.3
		2.8nm,0.7s,baz=347,slow=6.0,SNR=3.7			
MKAR	Makanchi Array B	57.30 326	P	P	11 07 39.1 +0.4
		1.3nm,0.3s,baz=124,slow=6.1,SNR=8.0			
ZALV	Zalesovo Beam	60.87 334	P	P	11 08 01.4 +0.2
		0.4nm,0.4s,baz=132,slow=8.8,SNR=2.5			
KURBB	Kurchatov Arra	61.54 328	P	P	11 08 07.2 -0.7
		0.2nm,0.5s,baz=132,slow=6.8,SNR=5.6			

MDD 01 11:10:01.8±1.0,36.98N,11.94W,h30km,mb4.6/18,Error
 ellipse: s-maj=9.5km s-min=8.7km az=29.0,PRXIMO
 INMG 01 11:10:03.8±1.1,36.99N,11.87W,h31km,ML2.8,Error
 ellipse: s-maj=4.3km s-min=3.1km az=74.0
 IGL 01 11:10:03.4,36.98N,11.86W,h32km,ML2.7
 CNRM 01 11:10:05.5,36.51N,11.74W,h0km,ml3.2
 ISC 01 11:10:01.2±3.2,37.00N,0.09±1.7W,0.1,h10km,n91,
 #109122,8C,Azores-Cape St. Vincent Ridge

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PFVI	Vila Bisbo	2.28 88	iPn	Pn	11 10 39.6 +0.8
PFVI			eSn	Sn	11 11 05.7 -1.3
PFVI			A	A	11 11 07.6
PFVI	60nm,0.1s				
PFVI	Vila Bisbo	2.28 88	iPn	Pn	11 10 39.6 +0.8
		33nm,0.1s,SNR=18			
PFVI		188nm,0.1s,SNR=17	S	Sn	11 11 05.7 -1.3
PFVI	Vila Bisbo	2.28 88	P	Pn	11 10 39.6 +0.8
PFVI			S	Sn	11 11 03.9 -3.1
PLAGO	Lagos	2.39 89	eSn	Pn	11 11 08.9 -0.8
PTEO	Sao Teotonio	2.40 78	iPn	Pn	11 10 41.6 +1.1
PTEO			eSn	Sn	11 11 09.7 -0.2
PTEO		29nm,0.3s			
PTEO	Sao Teotonio	2.40 78	P	Pn	11 10 41.6 +1.1
PTEO		15nm,0.3s			
MORF	Marlete	2.42 84	ePn	Pn	11 10 41.8 +0.9
MORF			eS	Sn	11 11 09.9 -0.8
MORF			IAML		11 11 11.9
MORF	Marlete	2.42 84	iPn	Pn	11 10 41.8 +0.9
MORF			eSn	Sn	11 11 10.0 -0.8
MORF			A	A	11 11 13.8
MORF	Marlete	2.42 84	P	Pn	11 10 41.8 +0.9
MORF			S	Sn	11 11 09.9 -0.8
PMST	Lisbon-Monsan	2.56 49	ePn	Pn	11 10 44.0 +1.2
PMST			eSn	Sn	11 11 15.4 +1.3
PMST			A	A	11 11 19.2
PMAFR	Mafra	2.65 45	iPn	Pn	11 10 45.1 +1.1
PMAFR			eSn	Sn	11 11 18.3 +0.1
PMAFR			A	A	11 11 20.7
PMAFR	Mafra	2.65 45	iPn	Pn	11 10 45.2 +1.1
PMAFR		comp=E,12nm,0.1s,SNR=18	S	Sn	11 11 16.4 +0.1
PNCL	Nicolau / Gran	2.70 67	iPn	Pn	11 10 45.7 +1.1
PNCL			eSn	Sn	11 11 17.7 +0.3
PNCL			A	A	11 11 25.7
PNCL	Nicolau / Gran	2.70 67	Pn	Pn	11 10 45.7 +1.1
PNCL		comp=E,20nm,0.2s	Sn	Sn	11 11 17.7 +0.3
PNCL		comp=E,20nm,0.2s			
MESJ	Messejana	2.85 74	ePn	Pn	11 10 47.8 +1.1
MESJ			eS	Sn	11 11 20.5 -0.6
MESJ			IAML		11 11 25.6
MESJ	Messejana	2.85 74	ePn	Pn	11 10 47.8 +1.1
MESJ			eSn	Sn	11 11 21.1 0.0
MESJ			A	A	11 11 30.0
MESJ	Messejana	2.85 74	P	Pn	11 10 47.8 +1.1
MESJ			S	Sn	11 11 20.5 -0.6
MESJ			A	A	11 11 30.0
PCVE	Castro Verde	2.95 78	ePn	Pn	11 10 49.1 +1.0
PCVE			eSn	Sn	11 11 22.3 -1.0
PCVE			A	A	11 11 27.3
PCVE	Castro Verde	2.95 78	P	Pn	11 10 49.1 +1.0
PCVE			S	Sn	11 11 22.5 -1.0
PBDV	Barranco-do-Ve	3.00 86	ePn	Pn	11 10 50.0 +1.2
PBDV			eSn	Sn	11 11 23.9 -0.8
PBDV			A	A	11 11 30.9
PBDV	Barranco-do				

1d 12h

Table with columns: SESP, Ouzm, ETOR, etc. and rows for various stations like Santiago Espad, Tobarra, Ouzm, etc.

ICD 01 11:42:38.02.6, 2.22E83N-29.22E, h0km, mb1 3.1/4, mb1mx3.0/48, mbtmp3.1/4, ML2.2/4, Error ellipse: s-maj=30.5km s-min=7.5km az=117.0

HEL 01 11:42:41.9.0.2, 63.15N-27.75E, h0km, ML2.1, Explosion NAO 01 11:42:43.2.1.4, 63.02N-28.19E, ML2.2, BER 01 11:42:45.3.2.4, 63.05N-27.91E, h0km, ML1.8, ML2.2(NAO), Suspected explosion

LVSN 01 11:42:43.2.0.8, 63.09N-0.02-27.57E, h0km, m49, s160/77, Finland

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

2015 DEC

Table of station data for 2015 DEC, including stations like NORSAR Subarra, NORSAR Subarra, NOA, etc.

ICD 01 11:46:32.7.1.4, 15.13Sx176.72W, h0km, mb4.2/6, mb1 4.5/7, mb1mx4.2/34, mbtmp4.2/7, ML4.2/1, MS4.5/6, Ms1 4.5/6, ms1mx4.0/26, Error ellipse: s-maj=75.4km s-min=21.9km az=157.0

NEIC 01 11:46:36.9.3.0, 14.9S:0.2-176.6W:0.1, h10km, 1km, mb4.8/10, Error ellipse: s-maj=32.1km s-min=12.5km az=150.0

GCMT 01 11:46:37.8.0.2, 14.91S:0.01-176.48W:0.01, h12km, MW5.2/120, Moment Tensor Solution. s45,c55; s120,c187; Duration: 0 Moment tensor: Scale 10^16Nm; Mm-1.67z; 12; Mm6.93z; 13; Mm5.26z; 12; Mm-0.62z; 35; Mm0.38z; 12; Mm-2.15z; 35; Best double couple: M3.63200x10^16, NP1=3.1100000, 869.00000, lambda=15.00000, NP2=8.460000, 876.00000, lambda=158.00000, Principal axes: T 6.9990, Plg5.0000, Azm177.0000; N -0.7320, Plg64.0000, Azm77.0000; P -6.2660, Plg25.0000, Azm270.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 11:46:36.7.0.5, 14.8S:0.1-176.7W:0.1, h17km, m67, s1949/61, mb4.7/21, MS4.5/3, FCJ: Islands region

Main table of station data for 2015 DEC, including stations like AFI, MSVF, RAO, etc.

18

Table of station data for 18, including stations like BMM, WWOR, TTA, etc.

ICD 01 12:06:22.1.1.5, 15.47Sx176.39W, h0km, mb4.1/7, mb1 4.4/8, mb1mx4.0/49, mbtmp4.1/8, ML3.8/1, MS4.2/16, Ms1 4.2/16, ms1mx4.0/39, Error ellipse: s-maj=82.8km s-min=21.0km az=155.0

NEIC 01 12:06:26.0.2.6, 15.15S:0.2-176.3W:0.1, h10km, 1km, mb4.9/10, Error ellipse: s-maj=33.3km s-min=13.8km az=153.0

GCMT 01 12:03.01.0.0.3, 14.89S:0.01-176.41W:0.02, h12km, MW5.0/92, Moment Tensor Solution. s21,c23; s92,c124; Duration: 0 Moment tensor: Scale 10^16Nm; Mm-1.17z; 10; Mm3.71z; 09; Mm-2.54z; 08; Mm-0.40z; 27; Mm0.20z; 09; Mm-1.54z; 27; Best double couple: M3.65400x10^16, NP1=3.3080000, 863.00000, lambda=21.00000, NP2=9.480000, 872.00000, lambda=151.00000, Principal axes: T 3.7670, Plg6.0000, Azm176.0000; N -0.2260, Plg56.0000, Azm78.0000; P -3.5400, Plg33.0000, Azm270.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 12:06:25.2.0.7, 15.25S:0.2-176.2W:0.1, h10km, m50, s1976/27, mb4.5/12, MS4.3/14, FCJ: Islands region

Main table of station data for 18, including stations like AFI, MSVF, RAO, etc.

1d 12h

2015 DEC

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 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 Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

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 Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

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 Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

1d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HRA Herat, BRV Borovoye, WSAR Wadi Sarin, etc.

12C 01 12:18:38.6, 0.9, 34.88N, 24.93E, h0km, mb3.9/1.0, mb1 3.9/1.3, mb1mx3.7/6.1, mbtpm3.8/13, ML3.2/3, Error ellipse: s-maj=19.4km s-min=8.4km az=83.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SIVA Sivas, IDI Anoyia, KSTL Kastelli Herak, etc.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like IMMV Iera Moni Meta, IMMV Palaiochora Ch, RODP Rodopos, etc.

NOU 01 12:18:53.5, 1.1, 01.20S, 175.54E, h48km, MLv3.3/8, North Island, New Zealand

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HOWZ Holdsworth Sta, MRZ Mangatainoka R, KIW Kapiti Island, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BKZ Black Stump Fm, BKZ Black Stump Fm, MHEZ Mangahewa, etc.

PRU 01 12:22:48.9, 0.0, 50.12N, 19.05E, h0km, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like OJC Ojcow, OJC Ojcow, OJC Ojcow, etc.

IDC 01 12:25:00.8, 0.5, 15.20S, 173.48W, h0km, mb4.5/1.3, mb1 4.8/1.4, mb1mx4.5/3.6, mbtpm4.5/14, ML4.8/1.1, MS3.8/1.1, Ms1 3.9/1.1, ms1mx3.6/3.7, Error ellipse: s-maj=27.2km s-min=14.6km az=132.0

NEIC 01 12:25:06.9, 2.4, 15.23S, 173.39W, h35km, 1km, mb4.8/6.6, Error ellipse: s-maj=11.7km s-min=10.7km az=149.0

NOU 01 12:25:10.4, 14.53S, 172.72W, h157km, mb4.8/2.6, Samoa Islands

ISC 01 12:25:04.9, 0.3, 15.17S, 0.06E, 173.37W, 0.07, h30km, n236, r123/206, mb4.8/47, MS3.9/11, 12C-8D, Tonga

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like AFI Afiamalu, AFI Afiamalu, NIUE Niue, NIUE Niue, NIUE Niue, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like H11N3, H11N1, H11N2, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header: UPP 01 12:36:31.4±0.2, 60.98Mx15.24E, h0km, ML1.6, Explosion, Sweden.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header: BER 01 12:37:15.3±1.3, 60.77N x 11.84E, h0km, ML1.0, Suspected explosion, Southern Norway.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header: IDC 01 12:42:12.6±1.3, 0.80N, 126.99E, h0km, mb3.9/5, mb1.4/1.5, mb1mx3.7/3.8, mbmtpr3.9/5, MS3.1/1, MS1.3/1.1, m1mx2.6/3.5, Error ellipse: s-maj=137.6km s-min=20.1km az=69.0.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header: IDC 01 12:47:23.0±1.2, 0.78N, 127.17E, h0km, mb3.8/4, mb1.4/0.6, mb1mx3.7/4.3, mbmtpr3.8/6, ML3.0/2, Error ellipse: s-maj=52.9km s-min=19.6km az=67.0.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header: IDC 01 12:25:20.0±0.2, 50.19N, 19.14E, h1km, ML2.7/3, Error ellipse: s-maj=2.4km s-min=1.1km az=167.0.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like McKenzie Canyon, Bozeman, and various local and regional stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Castro Verde, Vaqueiros, LLLB, and various local and regional stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ILAR, KHC, GERES, and various local and regional stations.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations like MKAR, MNTX, P40A, etc.

BUL 01 14:12:28.2i.1.5,25.84S:29:59E,h0km,23km,MD3.8
ISC 01 14:12:27.1i.1.2,25.33S:0:07:28.90E,0.04,h10km,n16,
c2548/24,6D,South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details for stations like MOPA, LBTB, CNGA, etc.

NEIC 01 14:17:23.1i.2.0,24.47S:0:09:17.9W,0.2,h473km,11km,
mb4.3/21,Error ellipse: s-maj=22.9km s-min=11.5km
az=72.0

IDC 01 14:17:25.9i.2.1,24.46S:179:94W,h503km,22km,mb3.2/8,
mb1.3.4/10,mb1mx3.2/3,mbtmp4.1/10,Error ellipse:
s-maj=24.9km s-min=18.8km az=114.0

ISC 01 14:17:25.0i.7.24,49S:0:07:17.9W,0.1,h505km,n61,
c1552/61,mb4.1/8,South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details for stations like RAO, MSVF, MSFV, etc.

comp=Z,1.8nm,1.1s
19.94 198 P P 14 21 21.1 -1.9

comp=Z,7.2nm,1.4s
31.61 271 P P 14 23 07.3 +0.7

comp=Z,4.1nm,1.2s
36.43 249 P P 14 23 32.1 +0.1

comp=Z,7.6nm,0.8s
39.34 248 P P 14 24 10.0 -0.8

comp=Z,1.1nm,0.5s,baz=92,slow=6.3,SNR=34
42.07 261 P P 14 24 31.1 -1.1

comp=Z,4.0nm,0.6s
42.49 267 P P 14 24 35.3 -0.7

comp=Z,5.2nm,0.7s
42.50 267 P P 14 24 35.3 -0.8

comp=Z,4.0nm,0.6s,baz=104,slow=8.0,SNR=25
42.50 267 P P 14 24 35.4 -0.7

comp=Z,2.7nm,1.1s
48.82 270 P P 14 25 24.4 -0.1

comp=Z,1.2nm,0.8s
53.81 185 P P 14 26 01.2 +1.4

comp=Z,0.4nm,0.7s,baz=15,slow=12,SNR=1.7
53.81 185 P P 14 26 01.2 +1.4

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations like CMAR, TXAR, TXAR, etc.

TUL 01 14:20:53.0i.2.5,36:77N,0:01:97.86W,0:02,h5km,7km,
ML2.5,mb_Lg2.4/10(NEIC),Error ellipse: s-maj=2.1km
s-min=1.8km az=208.0

NEIC 01 14:20:53.1i.0.3,36:74N,0:02:97.86W,0:02,h5km,7km,
Error ellipse: s-maj=2.3km s-min=1.8km az=205.0,
Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details for stations like G002, KAN14, CROK, etc.

SJA 01 14:29:17.7i.0.8,30:55S:71:93W,h14km,6km,ML4.0,
MW4.1
IDC 01 14:29:17.2i.0.30,63S:71:51W,h0km,mb4.0/2,
mb1.3.9/7,mb1mx3.737,mbtmp3.9/7,ML3.6/5,MS2.9/4,
ML1.3/4,ms1mx3.2/3,mbtmp4.1/10,Error ellipse:
s-maj=58.0km
s-min=30.3km az=105.0

GUC 01 14:29:22.0i.1.1,30:65S:71:54W,h44km,4km,ML4.0
NEIC 01 14:29:22.5i.1.6,30:59S:0:04:71.70W,0.07,h32km,2km,
mb4.2/4,ML4.0(GUC),Error ellipse: s-maj=8.9km
s-min=5.7km az=95.0

ISC 01 14:29:20.2i.0.9,30:53S:0:02:71.83W,0:05,h26km,6km,
n99,c192/124,3C-3D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details for stations like CO06, CO06, CO05, etc.

comp=N,1.2nm,0.5s
0.80 40 S S 14 29 36.5 +1.1

comp=N,1.1nm,0.2s
2.37 82 eP P 14 30 01.0 -1.3

comp=N,1.1nm,0.2s
2.37 82 eP P 14 30 01.0 -1.3

comp=N,1.1nm,0.2s
2.37 82 eP P 14 30 01.0 -1.3

comp=N,1.1nm,0.2s
2.37 82 eP P 14 30 01.0 -1.3

comp=N,1.1nm,0.2s
2.37 82 eP P 14 30 01.0 -1.3

comp=N,1.1nm,0.2s
2.37 82 eP P 14 30 01.0 -1.3

comp=N,1.1nm,0.2s
2.37 82 eP P 14 30 01.0 -1.3

comp=N,1.1nm,0.2s
2.37 82 eP P 14 30 01.0 -1.3

comp=N,1.1nm,0.2s
2.37 82 eP P 14 30 01.0 -1.3

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations like MT02, ZON, ZON, etc.

comp=Z,2.95nm,0.7s
2.89 111 Pn Pn 14 30 04.4 -0.2

comp=Z,2.61nm,0.9s
3.00 162 eS Sn 14 30 39.1 -2.2

comp=E,1.1nm,0.3s
3.02 162 eP Pn 14 30 07.8 +1.6

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

comp=N,617nm,0.5s
3.24 26 eP Pn 14 30 11.3 +1.8

1d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAN12 Harper SW Stat, KAN16 Caldwell West, KAN17 Anthony SW Sta, etc.

NEIC 01 14:35:25.2,0.3,37.22N,0.01,97.87W,0.02,h4km,3km, mb_Lg2.4/19,ML2.6/22, Error ellipse: s-maj=2.5km s-min=0.8km az=223.0

ANF 01 14:35:25.6,0.5,37.26N,97.83W,h4km,ML3.2/6, Error ellipse: s-maj=8.9km s-min=3.7km az=47.0

NEIC 01 14:35:25.1,0.5,37.24N,0.02,97.86W,0.01,h6km,2km, Error ellipse: s-maj=2.3km s-min=1.6km az=203.0

ISC 01 14:35:25.4,0.9,37.24N,0.03,97.86W,0.02,h5km,5km, n41,c0552/46,Kansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAN06 Argonia West S, KAN08 Anthony NE Sta, KAN10 Argonia South, etc.

ISC 01 14:39:22.8,19.0,22.96S,174.41W,h0km,mb4.2/5, mb1 4.3/5,mb1mx3.8/31,mbtmp4.2/5, Error ellipse: s-maj=357.5km s-min=150.0km az=84.0, Tonga Islands region

2015 DEC

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

ISC 01 14:45:33.5,0.8,15.30S,173.44W,h0km,mb4.3/8, mb1 4.5/9,mb1mx4.1/35,mbtmp4.3/9,ML4.6/1,MS3.5/11,MS1 3.5/11,ms1mx3.2/39, Error ellipse: s-maj=42.8km s-min=16.8km az=139.0

NEIC 01 14:45:40.2,1.4,15.4S,0.1,173.5W,0.1,h35km,1km, mb4.7/29, Error ellipse: s-maj=20.5km s-min=19.4km az=156.0

ISC 01 14:45:39.9,0.5,15.4S,0.1,173.44W,0.1,h42km,n69,c1505/52,mb4.6/22,MS3.4/10,Tonga Islands

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

ISC 01 14:58:27.4,15.0,0.55S,126.15E,h266km,161km, mb2.9/3,mb1 3.2/4,mb1mx2.6/50,mbtmp3.7/4, Error ellipse: s-maj=113.2km s-min=83.0km az=55.0, Southern Molucca Sea

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.

ISC 01 15:03:27.1,0.3,36.68N,0.02,98.73W,0.04,h3km,7km, ML2.6/mb_Lg2.4/14(NEIC), Error ellipse: s-maj=5.0km s-min=2.6km az=81.0

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, GERRS Array B, etc.

DJA 01 14:46:39.9,0.2,3.N,2.9,8E,1,h10km,ML2/13,mb4.1/7, mb4.8/1,MLV4.3/3,MW(mb)4.1/1

NEIC 01 14:46:42.7,0.8,3.10N,0.07,99.01E,0.08,h81km,4km, mb4.5/8, Error ellipse: s-maj=11.5km s-min=9.4km az=70.0

ISC 01 14:46:42.5,2.4,2.69N,98.14E,h75km,42km,mb3.6/7, mb1 3.7/8,mb1mx3.4/42,mbtmp3.9/8,ML4.0/1,MS3.4/11,MS1 3.4/11,ms1mx3.1/44, Error ellipse: s-maj=74.5km s-min=47.4km az=132.0

ISC 01 14:46:40.8,0.6,3.25N,0.05,97.97E,0.04,h35km,n52,c1896/42,mb4.3/15,MS3.4/1,C,Northern Sumatara

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

ISC 01 15:03:27.1,0.3,36.68N,0.02,98.73W,0.04,h3km,7km, ML2.6/mb_Lg2.4/14(NEIC), Error ellipse: s-maj=5.0km s-min=2.6km az=81.0

NEIC 01 15:03:27.4,1.6,36.69N,0.03,98.70W,0.05,h11km,7km, Error ellipse: s-maj=5.4km s-min=3.5km az=77.0, Oklahoma

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

ISC 01 15:03:27.4,1.6,36.69N,0.03,98.70W,0.05,h11km,7km, Error ellipse: s-maj=5.4km s-min=3.5km az=77.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAN09, KAN13, BLOK, BLOC, OK03, QUOK, R32A, etc.

NOU 01 15:04:34.8, 0.40:30S, 177.14E, h22km, MLV3.7/7, Off E. Coast of N. Island, N.Z.

WEL 01 15:04:34.5, 0.6, 0.40:30S, 177.7E, h38km, 5km, M3.3/25, ML3.6/26, MLV3.3/25, Error ellipse: s-maj=0.0km s-min=0.0km az=119.2

ISC 01 15:04:31.7, 2.1, 0.40:75S, 177.44E, 0.04, h28km, 21km, n130, c119/103, Off east coast of North Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PXZ, PRHZ, ANWZ, ANWZ, KAHZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OPRZ, HAZ, WMGZ, PREZ, HIZ, etc.

NEIC 01 15:31:33.2, 1.8, 30.40S, 0.04, 71.74W, 0.10, h23km, 4km, ML4.1 (GUC), Error ellipse: s-maj=12.6km s-min=4.9km az=106.0

GUC 01 15:31:33.6, 0.7, 30.45S, 71.70W, h38km, 2km, ML4.1

ISC 01 15:31:33.1, 1.5, 30.39S, 0.04, 71.8W, 0.11, h24km, 10km, n39, c093/46, 3C-7D, Near coast of central Chile

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO06, CO06, CO06, etc.

IDC 01 15:38:36.2, 2.1, 0.89N, 127.24E, h0km, mb3.5/4, mb1.3/74, mb1mx3.2/30, mbtmp.3.5/4, MS2.5/1, Ms1 2.7/1, ms1mx2.1/31, Error ellipse: s-maj=196.5km s-min=24.1km az=65.0

DJA 01 15:38:36.9, 0.8, 1.1N, 3.12E, h23km, 11km, M2.6/3, MLV2.6/3

ISC 01 15:38:37.4, 1.4, 0.98N, 0.10, 127.4E, 0.3, h10km, n7, c092/7, mb3.5/4, Halmahera

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

ISC 01 15:38:58.4, 0.8, 38.84N, 0.02, 37.84E, 0.02, h14km, 6km, n81, c143/104, Turkey

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HEKM, HEKM, DARE, DARE, etc.

AEIC 01 15:44:09.8, 3.4, 52.3N, 0.1, 163.0W, 0.1, h12km, 9km, Error ellipse: s-maj=17.8km s-min=9.5km az=155.0

NEIC 01 15:44:10.3, 1.1, 52.5N, 0.1, 163.13W, 0.08, h36km, 27km, ML3.6/G, ML2.9/12(AEIC), Error ellipse: s-maj=15.5km s-min=4.1km az=158.0, South of Alaska

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISLZ, ISLZ, WECS, WECS, etc.

IDC 01 15:52:12.0, 2.0, 14.77S, 176.78W, h0km, mb3.8/5, mb1.4/2/5, mb1mx3.8/30, mbtmp.3.8/5, MS3.6/12, Ms1 3.6/12, ms1mx3.5/24, Error ellipse: s-maj=128.3km s-min=25.4km az=150.0

NEIC 01 15:52:14.1, 0.2, 14.72S, 0.09, 176.7W, 0.1, h10km, 1km, mb4.0/3, Error ellipse: s-maj=24.6km s-min=5.7km az=236.0

ISC 01 15:52:13.1, 0.8, 14.8S, 0.1, 176.8W, 0.1, h10km, n32, c103/12, mb4.0/7, MS3.7/12, Fiji Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIUE, NIUE, RANT, RANT, etc.

Table with columns: PPT, Papeete, 26.27 100 LR, LR, 16 05 11.8, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: SOHO, SOHO, 3.53 142 P, Pn, 16 05 53.5 0.0, etc. Lists SOHO station data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NSK Sanguang, ETL Fush Village, NACB Ninganchiao, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WTP Ta-pu, TWK Hsiyang, CHN1 Nanshi, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BOOM baz=86, KTBS Karatobe, etc.

2015 DEC

1d 22h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Pinedale Array, Burnt Mountain, Sanae, etc.

IDC 01 22:05:21.65:1.5:48N:124:38E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/37, mbtmp3.7/4, Error ellipse: s-maj=109.2km s-min=43.8km az=166.0

MAN 01 22:05:27.0:6.43N:124:09E, h1km, mb4.8, ML3.7, MS3.6

ISC 01 22:05:30.1:1.0:6.33N:124:06E, h22km, mb3.7km, n14, -221/21, mb3.8/4, 0C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like General Santos, Kidapawan, Pagadian, etc.

WEL 01 22:26:14.7:0.8:32'S:181:0E, h2.442km, mb16km, ML4.0/15, mb4.5/16, ML4.9/16, MW(mb)3.6/13, Error ellipse: s-maj=0.0km s-min=0.0km az=96.1, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Matakaoa Point, Te Kaha, Omahuta, etc.

IDC 01 22:32:18.5:5.3:64:44S:174:93E, h0km, mb4.3/3, mb1 4.4/4, mb1mx3.9/22, mbtmp4.3/4, ML4.2/1, MS3.7/5, MS1 3.7/5, ms1mx3.3/25, Error ellipse: s-maj=188.8km s-min=25.5km az=70.0

NEIC 01 22:32:20.8:1.0:64:55S:0:07:174:5E:0.7, h10km, mb4.3/6, Error ellipse: s-maj=54.0km s-min=10.9km az=82.0

ISC 01 22:32:21.0:1.6:64:6S:0:1x174:3E:0.4, h10km, n31, -0545/12, mb4.4/7, MS3.7/5, Balleny Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Scott Base, Yanda, Lake Taylor, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Juan Fernandez, Diego Garcia, etc.

IDC 01 22:38:23.9:3.4:5:42S:104:11E, h0km, mb3.6/1, mb1 3.8/4, mb1mx3.3/35, mbtmp3.6/4, ML3.5/3, Error ellipse: s-maj=127.5km s-min=32.3km az=83.0, Aru Islands region

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

BUI 01 22:48:04.5:0.0:38:63N:142:50E, h48km, mb4.9/32, mb4.7/60, MS4.2/34, MS7.4/0/33

MOS 01 22:48:05.6:0.9:38:73N:142:23E, h39km, mb4.9/27, MS4.2/5, Error ellipse: s-maj=6.9km s-min=4.5km az=113.9

BGR 01 22:48:05.7:0.0:38:25N:142:30E, h33km, mb5.1, MS4.2, NEIC 01 22:48:06.6:1.6:38:67N:142:01E, h31.0E, h33km, mb4.7/85, Error ellipse: s-maj=11.2km s-min=7.5km az=112.0

JMA 01 22:48:06.3:0.1:38:68N:142:27E, h39km, mb4.9/32, JMA Feit III J1, NIED 01 22:48:06.3:38:68N:142:27E, h39km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mx:4.63; My:0.46; Mz:4.17; Mxx:5.96; Mxy:2.47; Myx:4.41; Fault plane solution: M8.98000x10^15 NP1:48.00000°, 874.00000°, 104.00000°. NP2:48.00000°, 871.00000°, 149.00000°

IDC 01 22:48:07.3:0.5:38:65N:142:15E, h40km, mb4.2/30, mb1 4.3/34, mb1mx4.2/56, mbtmp4.4/34, ML4.0/4, MS3.7/27, MS1 3.8/27, ms1mx3.6/55, Error ellipse: s-maj=12.7km s-min=10.6km az=96.0

ISC 01 22:48:06.5:0.4:38:67N:142:35E:0.04, h39km, mb2km, h39km:pp-P, n380, e1933/395, mb4.7/124, MS4.0/35, 19C-26D, Near east coast of eastern Honshu

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

MJAR 2.2nm, 0.3s, baz=36, slow=17, SNR=6.1

MJAR 2.996nm, 18.6s, baz=35, slow=44

MJAR Matushiro Arr 3.91 238 P Pn 22 49 04.8 +0.8

MJAR Matushiro Arr 3.91 238 Pn 22 49 04.8 +0.8

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like TEY, Saijo, Yuzh-Sakhalins, etc.

IDC 01 22:38:23.9:3.4:5:42S:104:11E, h0km, mb3.6/1, mb1 3.8/4, mb1mx3.3/35, mbtmp3.6/4, ML3.5/3, Error ellipse: s-maj=127.5km s-min=32.3km az=83.0, Aru Islands region

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

BUI 01 22:48:04.5:0.0:38:63N:142:50E, h48km, mb4.9/32, mb4.7/60, MS4.2/34, MS7.4/0/33

MOS 01 22:48:05.6:0.9:38:73N:142:23E, h39km, mb4.9/27, MS4.2/5, Error ellipse: s-maj=6.9km s-min=4.5km az=113.9

BGR 01 22:48:05.7:0.0:38:25N:142:30E, h33km, mb5.1, MS4.2, NEIC 01 22:48:06.6:1.6:38:67N:142:01E, h31.0E, h33km, mb4.7/85, Error ellipse: s-maj=11.2km s-min=7.5km az=112.0

JMA 01 22:48:06.3:0.1:38:68N:142:27E, h39km, mb4.9/32, JMA Feit III J1, NIED 01 22:48:06.3:38:68N:142:27E, h39km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mx:4.63; My:0.46; Mz:4.17; Mxx:5.96; Mxy:2.47; Myx:4.41; Fault plane solution: M8.98000x10^15 NP1:48.00000°, 874.00000°, 104.00000°. NP2:48.00000°, 871.00000°, 149.00000°

IDC 01 22:48:07.3:0.5:38:65N:142:15E, h40km, mb4.2/30, mb1 4.3/34, mb1mx4.2/56, mbtmp4.4/34, ML4.0/4, MS3.7/27, MS1 3.8/27, ms1mx3.6/55, Error ellipse: s-maj=12.7km s-min=10.6km az=96.0

ISC 01 22:48:06.5:0.4:38:67N:142:35E:0.04, h39km, mb2km, h39km:pp-P, n380, e1933/395, mb4.7/124, MS4.0/35, 19C-26D, Near east coast of eastern Honshu

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

MJAR 2.2nm, 0.3s, baz=36, slow=17, SNR=6.1

MJAR 2.996nm, 18.6s, baz=35, slow=44

MJAR Matushiro Arr 3.91 238 P Pn 22 49 04.8 +0.8

MJAR Matushiro Arr 3.91 238 Pn 22 49 04.8 +0.8

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

MJAR Matushiro Arr 3.91 238 Pn 22 49 06.2 +2.2

SOMM	comp=Z,230nm,17.5s	27.53 301	P	P	22 53 50.0	+0.5
SOMM	comp=Z,2.0nm,0.5s,baz=9.0,slow=9.0,SNR=13	28.24 263	LR	LR	23 04 59.9	
SOMM	comp=Z,2.06nm,18.9s,baz=50.0,slow=37	27.53 301	P	P	23 04 59.9	
SOMM	comp=Z,5.0nm,1.2s	27.53 301	P	P	22 53 49.2	-0.3
SOMM	comp=Z,2.06nm,18.9s,baz=50.0,slow=37	28.24 263	LR	LR	23 04 59.9	
SOMM	comp=Z,2.06nm,18.9s,baz=50.0,slow=37	27.53 301	P	P	23 04 59.9	
SOMM	comp=Z,5.0nm,1.2s	27.53 301	P	P	22 53 49.2	-0.3
ENSHI	WAKE ISLAND Hy 28.24 125	T	T	23 24 22.0		
H1N12	WAKE ISLAND Hy 28.24 125	T	T	23 24 22.0		
H1N11	WAKE ISLAND Hy 28.24 125	T	T	23 24 21.3		
H1N13	WAKE ISLAND Hy 28.24 125	T	T	23 24 22.6		
H1S1	WAKE ISLAND Hy 29.18 127	T	T	23 25 17.2		
H1S3	WAKE ISLAND Hy 29.18 127	T	T	23 25 17.2		
H1S2	WAKE ISLAND Hy 29.20 127	T	T	23 25 18.4		
TLY	Talaya 29.86 309	P	P	22 54 09.2		-0.8
TLY	comp=Z,3.1nm,0.7s,baz=115,slow=11,SNR=5.9	29.86 309	LR	LR	23 06 46.3	
TLY	comp=Z,308nm,18.5s,baz=122,slow=38	29.86 309	P	P	22 54 10.0	0.0
TLY	comp=Z,28nm,1.4s		MLR	MLR		
TLY	comp=Z,569nm,13.0s	29.86 309	P	P	22 54 09.9	-0.1
TLY	comp=Z,6.3nm,0.8s		IAMB	IAMB		
ZAK	Zakamensk 29.88 306	eP	P	22 54 07.2		-3.0
ZAK			P			
LZH	Lanzhou 30.56 277	eP	P	22 54 13.4		-3.1
LZH	comp=Z,1.1nm,1.0s		LR	LR		
LZH	comp=Z,190nm,12.5s		LR	LR		
LZH	comp=Z,260nm,11.9s		LR	LR		
GYA	comp=Z,250nm,14.6s		LR	LR		
GYA	Guiliang 32.25 259	iP	P	22 54 33.5		+2.1
GYA		pP	P	22 54 44.0		+1.9
GYA		pP	P			
BILL	Billbino 32.26 17	iP	P	22 54 32.7		+1.9
BILL		iP	P	22 55 39.3		
BILL	comp=Z,40nm,3.2s		MLR	MLR		
BILL	comp=Z,57nm,15.0s		MLR	MLR		
BILL	Billbino 32.26 17	P	P	22 54 31.4		+0.5
CD2	Chendgu 32.54 268	eP	P	22 54 33.0		+0.1
CD2			P			
GTA	comp=Z,10.0nm,0.5s	32.83 285	iP	P	22 54 36.5	+0.2
GTA		pP	P	22 54 46.2		-0.9
GTA		sP	P	22 54 50.1		-1.7
GTA		PcP	P	22 57 21.8		+1.2
GTA	comp=Z,6.0nm,1.2s		P			
GTA	comp=Z,40nm,4.2s		LR	LR		
GTA	comp=Z,180nm,15.6s		LR	LR		
GTA	comp=Z,300nm,17.4s		LR	LR		
GTA	comp=Z,380nm,17.5s		LR	LR		
TIXI	Tiksi 33.77 352	P	P	22 54 43.2		-0.7
TIXI	comp=Z,1.3nm,0.6s,baz=138,slow=9.0,SNR=8.6	33.77 352	eP	P	22 54 43.5	-0.5
TIXI	comp=Z,3.0nm,0.8s	33.77 352	P	P	22 54 43.6	-0.3
TIXI	Kunming 35.96 260	iP	P	22 55 02.8		-0.9
KMI		pP	P	22 55 15.0		+0.5
KMI		sP	P	22 55 18.8		-0.4
KMI	comp=Z,8.0nm,0.9s		LR	LR		
KMI	comp=Z,140nm,22.2s		LR	LR		
KMI	comp=Z,140nm,18.1s		LR	LR		
DGZ	comp=Z,210nm,19.7s	40.06 304	iP	P	22 55 39.1	+1.2
DGZ	comp=Z,29nm,0.9s	40.06 304	LR	LR	23 10 15.3	
SUJ	comp=Z,51nm,21.2s,baz=79,slow=33	40.64 197	LR	LR	23 10 15.3	
WMQ	Urumqi 40.79 295	eP	P	22 55 44.9		+1.0
WMQ		pP	P	22 55 52.8		-2.0
WMQ		sP	P	22 55 57.0		-2.6
WMQ	comp=Z,27nm,1.5s		P			
ZA0	comp=Z,110nm,3.7s	41.38 311	P	P	22 55 48.4	-0.1
ZA0	Zalesovo Array 41.38 311	IAMB	IAMB	22 55 50.1		
ZALV	comp=Z,1.1nm,0.6s	41.38 311	P	P	22 55 48.5	0.0
ZALV	comp=Z,1.1nm,0.4s,baz=89,slow=8.4,SNR=60	41.38 311	PcP	P	22 57 46.5	+0.4
ZALV	comp=Z,1.3nm,0.4s,baz=86,slow=3.1,SNR=4.6		LR	LR	23 13 41.5	
ZSN	comp=Z,211nm,19.2s,baz=88,slow=37	42.05 301	eP	P	22 55 54.0	-0.2
ZSN	Zaisan 42.05 301	P	P	22 55 53.9		-0.2
ZSN	Nori'sk 42.11 334	P	P	22 55 54.1		-0.2
NRK	comp=Z,2.4nm,0.5s,baz=180,slow=23,SNR=4.9	42.11 334	LR	LR	23 14 18.8	
NRK	comp=Z,312nm,19.4s,baz=112,slow=37	42.11 334	eP	P	22 55 53.7	-0.6
NRK	Nori'sk 42.11 334	P	P	22 55 54.1		-0.2
NRK	Chiang Mai 42.42 255	P	P	22 55 57.1		-0.4
CHTO	Chiang Mai 42.42 255	P	P	22 55 57.9		-1.4
CMAR	comp=Z,0.7nm,0.3s,baz=46,slow=7.0,SNR=6.9	42.64 254	LR	LR	23 15 16.6	
CMAR	comp=Z,32nm,19.3s,baz=82,slow=38	42.64 254	iP	P	22 55 59.4	+0.2
CMAR	Chiang Mai Arr 42.64 254	P	P	22 55 59.1		-0.1
CMAR	Lhasa 42.82 274	P	P	22 56 01.1		0.0
LSA	comp=Z,18nm,1.5s	42.82 274	P	P	22 56 01.3	0.0
LSA	Lhasa 42.82 274	P	P	22 56 01.3		0.0
SVW2	comp=Z,18nm,1.5s	43.78 38	P	P	22 56 09.3	+1.4
MK31	Sparrevoth 43.90 301	P	P	22 56 08.9		-0.2
MK31	Makanchi Array 43.90 301	P	P	22 56 08.9		-0.2
MK31	comp=Z,14nm,1.1s	43.90 301	P	P	22 56 08.9	-0.2
MK31	comp=Z,14nm,1.1s	43.90 301	IAMB	IAMB	22 56 12.0	
MKAR	comp=Z,5.2nm,0.5s,baz=79,slow=10,SNR=55	43.90 301	P	P	22 56 09.3	+0.2
MKAR	comp=Z,79nm,19.4s,baz=84,slow=37	43.90 301	LR	LR	23 14 58.2	
MKAR	Makanchi Array 43.90 301	P	P	22 56 09.2		+0.1
MKAR	Makanchi Array 43.90 301	P	P	22 56 09.2		+0.1
MAKZ	Makanchi 44.11 301	P	P	22 56 10.8		0.0
MAKZ	comp=Z,12nm,1.0s	44.11 301	IAMB	IAMB	22 56 15.0	
MAKZ	comp=Z,12nm,1.0s	44.11 301	P	P	22 56 10.8	+1.8
SHL	Shillong 44.18 268	P	P	22 56 12.0		+0.2
SHL	comp=Z,10.0nm,0.5s	44.18 268	P	P	22 56 12.0	+0.2
SHL	Shillong 44.18 268	P	P	22 56 12.0		+0.2

SEM	comp=Z,10nm,0.5s	44.56 306	eP	P	22 56 13.1	-1.5
SEM	Semipalatinsk 44.56 306	eP	P	22 56 13.0		-1.5
SEM	Telida 44.57 35	P	P	22 56 15.0		+0.8
K20K	Nowinta River 44.58 34	P	P	22 56 14.4		+0.1
J20K		IAMB	IAMB	22 56 17.9		
IMAR	comp=Z,110nm,1.1s	44.87 31	P	P	22 56 16.9	+0.3
H21K	Meolizina Rive 44.87 32	P	P	22 56 21.5		+2.0
H21K		IAMB	IAMB	22 56 37.9		
KURK	comp=Z,15nm,1.4s	45.53 307	P	P	22 56 21.6	-0.4
KURK	Kurchatov 45.53 307	P	P	22 56 21.6		-0.4
KURK	comp=Z,30nm,0.8s	45.53 307	P	P	22 56 22.5	-0.1
KURB	Kurchatov Array 45.60 307	P	P	22 56 22.5		-0.1
MLY	comp=Z,24nm,0.6s,baz=82,slow=8.3,SNR=183	46.08 33	P	P	22 56 26.2	0.0
MLY	Manley 46.08 33	IAMB	IAMB	22 56 44.6		
TAPN	comp=Z,7.5nm,1.1s	46.58 273	eP	P	22 56 30.8	-0.2
TDK	Taldyqorghan 46.96 299	eP	P	22 56 33.0		-0.4
TDK	Taldyqorghan 46.96 299	eP	P	22 56 33.0		-0.4
TDK	comp=Z,5.0nm,0.6s	47.06 297	eP	P	22 56 33.8	-0.6
UZB	Uzymbulak 47.06 297	eP	P	22 56 33.7		-0.6
UZB	Uzymbulak 47.06 297	eP	P	22 56 35.2		-0.6
ODAN	ODAN 47.07 273	eP	P	22 56 35.2		+0.5
KPKS	Kokpek 47.21 297	eP	P	22 56 34.8		-0.6
KPKS	Wood River Hill 47.22 34	P	P	22 56 36.7		+1.7
SRH	Saty 47.25 297	eP	P	22 56 37.2		-0.7
SATY	Saty 47.25 297	eP	P	22 56 37.2		-0.7
RAMN	Ramite 47.64 273	eP	P	22 56 39.6		+0.4
IL31	comp=Z,12nm,0.5s	47.72 33	P	P	22 56 39.7	+0.8
IL31		IAMB	IAMB	22 56 59.1		
ILAR	comp=Z,16nm,1.5s	47.72 33	P	P	22 56 40.6	+1.7
ILAR	Eielson Array 47.72 33	P	P	22 56 40.3		+1.3
ILAR	comp=Z,2.4nm,0.7s,baz=265,slow=6.4,SNR=25	47.72 33	P	P	22 56 40.3	+1.3
ILAR	Eielson Array 47.72 33	P	P	22 56 40.6		+0.5
GUN	Gumba 47.75 275	eP	P	22 56 44.5		+0.5
KKN	Kakani 48.27 275	eP	P	22 56 44.3		+0.1
PKI	Phulchoki 48.27 275	eP	P	22 56 44.3		+0.1
PKIN	Phulchoki 48.28 275	eP	P	22 56 44.3		+0.2
TARG	Taragay, Kyrgy 48.36 295	P	P	22 56 45.0		+0.2
TARG		IAMB	IAMB	22 56 49.3		
MDOK	Medeo 48.44 297	eP	P	22 56 44.8		-0.2
MDOK	Medeo 48.44 297	eP	P	22 56 44.8		-0.2
MDOK	Daman 48.49 275	eP	P	22 56 46.1		+0.4
AAA	Alma-Ata 48.51 297	eP	P	22 56 44.5		-1.1
AAA	Alma-Ata 48.51 297	eP	P	22 56 44.4		-1.1
TAA	Tian-Shan 48.55 297	eP	P	22 56 45.6		-0.5
BMAR	Burnt Mountain 48.55 30	P	P	22 56 47.2		+1.8
SRIT	Nakonsriharat 48.63 243	P	P	22 56 47.6		+1.1
GKN	Gorkha 48.67 275	eP	P	22 56 47.3		+0.3
KUU	Kurty 48.70 298	eP	P	22 56 45.9		-1.0
KUU	Kurty 48.70 298	eP	P	22 56 45.9		-1.0
KUU	comp=Z,8.0nm,0.8s	49.04 34	P	P	22 56 50.8	+1.5
SCRK	Sand Creek 49.04 34	IAMB	IAMB	22 57 06.7		
SCRK		IAMB	IAMB	22 57 06.7		
DANN	comp=Z,8.5nm,1.1s	49.19 276	eP	P	22 56 51.9	+0.7
DANN	Dangsu 49.19 276	eP	P	22 56 51.0		-1.1
BRZS	Berezinski 49.40 307	eP	P	22 56 51.0		-1.1
BRZS	Berezinski 49.40 307	eP	P	22 56 51.0		-1.1
BRZS	comp=Z,7.0nm,1.0s	49.42 297	P	P	22 56 53.1	+0.5
BOOM	Boomsokoye usch 49.42 297	P	P	22 56 53.0		+0.5
BOOM	comp=Z,1.1nm,1.2s	49.42 297	IAMB	IAMB	22 56 57.8	
BOOM	Boomsokoye usch 49.42 297	P	P	22 56 54.7		+0.6
KOLN	Koldanda 49.59 276	eP	P	22 56 57.1		+0.6
KOLN	comp=Z,5.3nm,0.4s	49.91 277	eP	P		

az=231.0
ISC 01:23:27.08-1.0, 22.22N, 01:34.7E, 0.2, h35km, n19,
c0584/20, mb4.0/9, Myanmar

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

mb1 3.3/15, mb1mx3.0/61, mbtmp3.8/15, MS4.0/1,
Ms1 4.0/1, ms1mx2.4/33, Error ellipse: s-maj=30.1km
s-min=19.6km az=26.0

NNC 02:00:32.09.8, 3.3, 36:81N:70:08E, h155km, 80km, mb3.5,
mp4.6, Error ellipse: s-maj=36.4km s-min=20.0km
az=76.0

SOME 02:00:32:12.7, 38:08N:71:72E, h0km
ISC 02:00:32:07.5, 0.7, 36:55N:0:05:70:42E, 0.09, h200km, n36,
c1948/46, mb3.9/4, 4C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEPHERAT, CHIRAH CHOWK, THAMME WALLI, etc.

ISC 01:23:36:23.4, 437.0, 39:47N:116:96W, h0km, Error
ellipse: s-maj=166.2km s-min=108.1km az=177.0,
Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PINON FLAT INF, NEWPORT INFRRAS, etc.

MEX 01:23:47:24.2, 0.8, 13:94N:92:49W, h96km, 32km, MD3.9
GCG 01:23:47:28.1, 0.4, 15:79N:92:09W, h50km, MD3.5
ISC 01:23:47:28.4, 5.7, 14:06N:92:28W, h0km, mb3.5/2,
mb1 3.6/4, mb1mx3.4/27, mbtmp3.2/4, ML3.3/2, Error
ellipse: s-maj=165.1km s-min=32.1km az=30.0

ISC 01:23:47:24.3, 3.4, 14:13N:09:92:63W, 0.05, h5km, 24km,
n15, c1303/25, Near coast of Chiapas

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

ISC 02:00:11:59.5, 1.6, 16:11S:178:74E, h0km, mb4.0/5,
mb1 4.3/5, mb1mx3.9/24, mbtmp4.0/5, MS3.6/10,
Ms1 3.6/10, ms1mx3.3/36, Error ellipse: s-maj=54.6km
s-min=21.3km az=116.0

ISC 02:00:12:01.0, 1.6, 16:15S:178:7E, 0.3, h10km, n17,
c0571/8, mb3.9/5, MS3.6/9, Fiji Islands

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

ISC 02:00:33:22.9, 2.1, 1:14N:127:66E, h0km, mb3.5/4,
mb1 3.7/4, mb1mx3.2/52, mbtmp3.5/4, MS4.1/1, Ms1 4.1/1,
ms1mx2.5/24, Error ellipse: s-maj=191.6km
s-min=22.7km az=67.0, Halmahera

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

ISC 02:00:34:45.0, 1.8, 1:76N:125:56E, h0km, mb3.6/3,
mb1 3.9/4, mb1mx3.3/56, mbtmp3.7/4, ML3.8/1, Error
ellipse: s-maj=116.2km s-min=24.0km az=67.0,
Northern Molucca Sea

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

ISC 02:00:51:44.1, 2.1, 32:89S:178:28W, h0km, mb4.2/2,
mb1 4.4/3, mb1mx4.0/32, mbtmp4.2/3, ML4.2/1, Error
ellipse: s-maj=59.8km s-min=31.7km az=129.0

WEL 02:00:51:46.1, 0.8, 33:56S:177:11W, h1.6, h34km, M4.4/11,
mb4.8/6, ML4.8/13, ML4.7/11, MW(MB)4.1/6, Error ellipse:
s-maj=0.0km s-min=0.0km az=109.5

ISC 02:00:51:44.9, 1.4, 32:88S:0:08:177:7W, 0.2, h35km, n27,
c1978/44, South of Kermadec Islands

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

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

ISC 02:00:51:45.0, 0.6, 17:24N:147:51E, h0km, mb4.5/24,
mb1 4.6/25, mb1mx4.5/43, mbtmp4.5/25, ML4.3/1, MS3.8/24,
Ms1 3.8/24, ms1mx3.7/36, Error ellipse: s-maj=19.0km
s-min=13.5km az=100.0

BUI 02:00:51:46.5, 0.0, 17:05N:147:93E, h37km, mb5.1/31,
MB4.7/47, MS4.6/19, MS7.4/3/19

NEIC 02:00:51:47.8, 1.8, 17:12N:0:09:147:65E, 0.09, h15km, 4km,
MB4.9/71, Error ellipse: s-maj=14.6km s-min=10.5km
az=131.0

ISC 02:00:51:51.5, 0.5, 17:18N:0:06:147:54E, 0.08, h41km, n152,
Guam 14/154, mb4.7/62, MS3.9/27, Mariana Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULC, MATE, DRME, CEL, BUM, PDG, etc.

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

NEIC 02 01:58:28.6; 1.7, 25:3S; 0.1; 179.8E; 0.2, h497km, 7km, mb4.6/21, Error ellipse: s-maj=24.2km s-min=16.7km az=80.0

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

NEIC 02 01:58:28.6; 1.7, 25:3S; 0.1; 179.8E; 0.2, h497km, 7km, mb4.6/21, Error ellipse: s-maj=24.2km s-min=16.7km az=80.0

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

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

NEIC 02 02:06:16.6; 7.3, 45:80N; 146.92E, h0km, mb3.5/3, mb1.3/9.4, mb1mx3.4/39, mbtmp3.6/4, ML2.2/1, Error ellipse: s-maj=352.0km s-min=79.6km az=114.0, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PETK, H1N2, H1N1, etc.

NEIC 02 02:07:17.4; 1.6, 6:5N; 0.1; 126.5E; 0.1, h82km, 7km, mb4.5/13, Error ellipse: s-maj=24.2km s-min=10.8km az=50.0

MAN 02 02:07:20.6; 6.67N; 126.02E, h18km, mb4.3, ML3.1, MS2.8 ISC 02 02:07:15.0; 5.0, 6.54N; 0.06; 126.57E; 0.09, h68km, n49, s131/55, mb4.2/19, 4D, Mindanao

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

IDD 02 02:07:18.3; 3.8, 36:21N; 30:23E, h0km, mb3.9/2, mb1.3/7.4, mb1mx3.4/39, mbtmp3.6/4, ML2.3/2, Error ellipse: s-maj=53.3km s-min=33.6km az=12.0

DDA 02 02:07:22.3; 36:01N; 30:65E, h21km, 1km, ML2.9 ISC 02 02:07:22.0; 36:02N; 30:61E, h18km, ML2.8/1

NEIC 02 02:07:22.4; 0.0, 36:13N; 30:69E, h35km, 36km, M13.0/4 ISC 02 02:07:22.2; 1.1, 35:99N; 0.03; 30:65E; 0.02, h20km, 4km, n67, r100/79, Eastern Mediterranean Sea

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

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GOLH, CAEL, AKMAS, SEYD, SEDI, BRDR, HDMB, ALFC, DALY, ERMK, NATA, BAGO, TEKE, DENIZL, ARG, TURN, BERE, KKBK, KMER, MULA, DOGA, KZIL, YVAC, GULN, KONT, KRMM, CSS, ASGA, PASA, OSC1, SHUT, DAT, LADK, MVOU, AYDN, KDHN, BDRM, USAK, KERG, OSC2, ZKR, BRTR, GERES, FINES, MKAR.

ROM 02:02:46:18.4±0.2, 43.559N:0.006:13.742E:0.010, h7km, ML2.8/54, Error ellipse: s-min=0.9km s-max=0.4km az=238.0

PRU 02:02:46:20.1±0.0, 43.61N:13.90E, h0km LDG 02:02:46:21.0±0.3, 43.43N:13.63E, h10km, ML2.5/16, Error ellipse: s-min=4.0km s-max=2.0km az=62.0

ISC 02:46:19.8±0.8, 43.54N:0.02±13.89E:0.02, h12km, 4km, h207, r159/263, 29C-28D, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AOI, PCRO, PP3, OFFI, SNTG, FDMO, SSFR, SSSR, PIEI.

Main table with columns: CIMA, CADA, TREI, GUMA, ARVD, CRMI, OFFI, SNTG, FDMO, SSFR, SSSR. Includes stations like Civitanova Mar, Capodarco di F, Treia, Gualdo di Mace, Arcevia, Cateiraomondo, Matelica, Cessapalombo, Offida, Esanatoglia, Fiordimonte, Montelago di S.

Table with columns: SSFR, FSSB, FRON, FOSV, PESA, TRTR, CESI, NARO, NRCA, ATFO, PIEI. Includes stations like Montelago di S, Fossombrone, Frontone, Fossato di G, Pesaro, Serrava, Abbazia di Nar, Norcia, Monte Focce - G, Pieia.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARSA Arzberg, WTTA Watterg, ORI Oriolo Calabro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GTOI Gorontalo, KMSI Cibirong, MRSI Marisa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PORT Arimbora, PIAT Ana Tenorio, CHSH Refugio Sur-Vo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROM 02:02:47:26.6, JOPP Joppolo, GMB Gambarie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KMA 02:03:38:51.2, YNCB YEONCHEON, KSGAH Ganghwa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, MACA Manacapuru-AM, MACA Manacapuru-AM, etc.

2d 5h

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

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like VRAC, KRUC, NKNC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like NACB, NACB, TWD, etc.

52

IDC 02 04:57:48.6.3, 3.48116N, 33.65E, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.2/32, mb1mx3.6/2, ML2.9/1, MS3.3/1, Ms1 3.3/1, mstmx2.2/49, Error ellipse: s-maj=54.8km, s-min=19.4km az=19.0, Ukraine-Moldova-Southwestern Russia region

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

KRSC 02 05:00:24.8.0.7, 52.56N, 159.87E, h41km, 9km, ML4.1, IDC 02 05:00:27.6.1.1, 52.46N, 159.50E, h63km, 7km, mb3.6/2, mb1 3.7/9, mb1mx3.4/45, mb1mx3.9/9, MS.0/2, Ms1 4.0/2, mstmx2.9/38, Error ellipse: s-maj=20.3km s-min=13.1km

ISC 02 05:00:26.3.1.2, 52.575N, 0.05=159.76E, 0.05, h45km, 10km, n37, s=159/53, mb3.8/9, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like SPN, SPN, NLYtchevo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like NACB, NACB, TWD, etc.

VIE 02 04:52:10.6.0.5, 51.47N, 16.06E, h0km, mb2.4/2, ml2.6/2, Error ellipse: s-maj=5.93km s-min=2.8km az=60.0 78 km WNW of Wrocław Suspected Mining induced.

ISC 02 04:52:10.7.1.2, 51.48N, 0.05=16.11E, 0.03, h0km, n23, e075/48, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like KSP, KSP, CHVC, etc.

BUI 02 05:21:56.4.0.0, 24.23N, 121.93E, h9km, mb4.7/29, mb4.5/56, ML4.6/12, Ms4.3/51, Ms7.4/1/50

JMA 02 05:21:57.0.1.2, 24.12N, 121.92E, h22km, 3km, M4.4, NIED 02 05:21:57.0.2, 24.12N, 121.92E, h22km, MW4.5, Moment Tensor Solution. s2 Moment tensor: Scale 1015N; M1:1.38; M2:-0.17; M3:-1.21; M4:2.77; M5:-0.45; M6:4.42;

Fault plane solution: Ms5.40000x1015 NP1.322.00000, 683.00000, 193.00000. NP2.190.00000, 38.00000, 169.00000

TAP 02 05:21:57.5.24.19N, 121.91E, h24km, ML4.8, C NEIC 02 05:21:57.5.2.5.24.15N, 121.94E, 0.03, h22km, 5km, Error ellipse: s-maj=5.9km s-min=3.4km az=178.0

ASIES 02 05:21:57.4.24.19N, 121.92E, h26km, MW4.4, IDC 02 05:21:59.3.1.1, 24.14N, 122.09E, h43km, 30km, mb4.0/21, mb1 4.1/23, mb1mx3.9/56, mb1mx4.2/23, ML3.8/2, Ms1 3.8/22, mstmx3.6/42, Error ellipse: s-maj=18.6km s-min=14.6km az=65.0

ISC 02 05:21:57.6.0.8, 24.14N, 0.02=121.95E, 0.02, h25km, 5km, n227, s123/305, mb4.4/35, M4.0/22, 17C-19D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like EHP, EHP, ETL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like NACB, NACB, TWD, etc.

SMLT	Sun Moon Lake	0.99 255	↓P	Pb	05 22 16.1	-0.1
SMLT	baz=242		eS	Pb	05 22 28.8	-0.1
TYC	Yuchr	1.02 257	P	Sb	05 22 16.3	-0.1
YOJ	Yonaguni jima	1.02 72	↓P	Pn	05 22 16.4	0.0
YOJ	baz=76		eS	Sn	05 22 30.8	+0.8
YOJ	Yonaguni jima	1.02 72	P	Pn	05 22 16.4	0.0
YOJ	baz=207		eS	Pn	05 22 16.5	+1.2
YOJ	Yonaguni jima	1.02 72	P	Pn	05 22 16.5	0.0
YOJ	baz=222		eS	Pb	05 22 16.8	+0.1
YMO1	YMO1	1.06 341	↑P	Pn	05 22 16.6	-0.4
YMO1	baz=328		eS	Sn	05 22 31.7	+0.8
TWS1	Kuangyinshan	1.07 333	eP	Pb	05 22 17.7	+0.2
TWS1	baz=334		eS	Sn	05 22 33.0	+1.8
NCU	National Centr	1.08 320	eP	Pb	05 22 17.2	-0.4
NCU	baz=320		eS	Sn	05 22 33.1	+1.8
NCUH	Zhongli	1.08 320	eP	Pb	05 22 17.1	-0.5
NCUH	baz=319		eS	Sn	05 22 33.5	+2.1
SBCB	Hsinchu	1.09 307	P	Pb	05 22 18.0	+0.2
SBCB	baz=305		eS	Sn	05 22 33.1	+1.5
TWQ1	Liyutan	1.09 281	iP	Pb	05 22 18.3	+0.5
TWQ1	baz=278		eS	Sn	05 22 32.3	+0.6
YMO8	YM08	1.09 343	P	Pb	05 22 18.0	+0.1
YMO8	baz=328		eS	Pb	05 22 18.0	-0.1
HSN	Hsinchu	1.11 307	P	Sb	05 22 33.5	+1.4
HSN	baz=308		eS	Pb	05 22 17.8	-0.5
ANP	Anpu	1.11 340	eP	Pb	05 22 17.2	-0.5
FULB	Fuli	1.11 213	eP	Pn	05 22 17.2	-0.5
NTST	Danshui	1.11 336	eP	Pb	05 22 17.8	-0.4
NTST	baz=337		eS	Sb	05 22 35.0	+2.7
NSY	Sanyi	1.11 284	eP	Pb	05 22 18.6	+0.4
NSY	baz=282		eS	Sb	05 22 34.0	+1.6
NMLH	Miaoili	1.12 291	eP	Pb	05 22 19.3	+0.9
NMLH	baz=288		eS	Sb	05 22 33.9	+1.3
WJS	Zhushan	1.16 254	eP	Pb	05 22 19.4	+0.5
WJS	baz=246		eS	Sb	05 22 35.4	+1.8
TCU	Taichung	1.16 271	P	Pb	05 22 19.5	+0.5
TCU	baz=266		eS	Pn	05 22 36.5	+2.8
CHKT	Chengkung	1.17 207	P	Pn	05 22 17.0	-1.4
TWY	Chenhua	1.17 344	P	Pb	05 22 18.8	-0.5
TWY	baz=346		eS	Sb	05 22 36.4	+2.4
WNT1	Nantou City	1.18 259	P	Pb	05 22 20.3	+0.9
WNT1	baz=253		eS	Sb	05 22 36.3	+2.0
WNT	Mingjian	1.18 257	P	Pb	05 22 19.9	+0.5
WNT	baz=236		eS	Sb	05 22 35.4	+1.1
WDJ	Dajia District	1.21 280	P	Pb	05 22 19.8	-0.1
WDJ	baz=277		eS	Sb	05 22 36.8	+1.7
ALS	Alishan	1.22 239	P	Pb	05 22 20.2	0.0
ALS	baz=220		eS	Sb	05 22 36.3	+0.7
WCHH	Zhanghua	1.27 268	eP	Pb	05 22 21.0	+0.2
WCHH	baz=262		eS	Sb	05 22 38.5	+1.7
ELDTW	Lidau	1.27 222	P	Pb	05 22 19.2	-0.8
CHN5	Tsauling	1.28 245	iP	Pb	05 22 21.2	+0.1
CHN5	baz=239		eS	Sb	05 22 38.7	+1.5
EDH	Donghe	1.30 207	eP	Pn	05 22 19.0	-1.3
EDH	baz=192		eS	Sn	05 22 34.8	-2.1
WDLH	Douliu	1.36 251	eP	Pb	05 22 23.0	+0.5
WDLH	baz=245		eS	Sb	05 22 41.7	+2.2
LONT	Longtian	1.44 212	eP	Pn	05 22 21.4	-0.7
STYH	Taoyuan	1.44 228	eP	Pb	05 22 22.7	+0.5
STYH	baz=214		eS	Sn	05 22 42.7	+0.9
WRL	Guolierlin Hig	1.45 261	↑P	Pb	05 22 23.5	-0.5
WRL	baz=256		eS	Sb	05 22 42.4	+0.3
TPUB	Ta-pu	1.47 236	↑P	Pb	05 22 24.1	-0.2
TPUB	baz=219		eS	Sb	05 22 43.9	+1.4
TPUB	Ta-pu	1.47 236	P	Pb	05 22 24.1	-0.2
PCYT	Pengchayiu	1.49 4	eP	Pn	05 22 23.0	+0.2
PCYT	baz=7.0		eS	Sb	05 22 42.2	-0.8
WTP	Ta-pu	1.51 234	P	Pb	05 22 24.7	-0.3
LDUT	Ludao	1.52 197	eP	Pn	05 22 22.5	-0.9
LDUT	baz=193		eS	Sn	05 22 39.8	-2.6
CHY	Chiayi	1.53 246	eP	Pb	05 22 25.0	-0.4
CHY	baz=239		eS	Sb	05 22 45.6	+1.3
TWGBT	Beinan	1.54 211	eP	Pn	05 22 22.3	-1.3
TWGBT	baz=206		eS	Sn	05 22 41.8	-1.0
TWG	Pinlang	1.54 212	eP	Pn	05 22 22.4	-1.1
TWG	baz=207		eS	Pn	05 22 22.7	-0.9
TWCT	Ta-ch'eng	1.55 260	eP	Pb	05 22 24.6	-1.0
TWCT	baz=254		eS	Sb	05 22 46.0	+1.3
TTN	Taitung	1.56 208	eP	Pn	05 22 23.9	+0.1
TWK	Hsinying	1.59 237	eP	Pb	05 22 26.0	-0.5
TWK	baz=231		eS	Sb	05 22 47.6	+1.4
CHN1	Nanshi	1.61 234	eP	Pb	05 22 26.4	-0.3
CHN1	baz=228		eS	Sb	05 22 48.1	+1.5
SNST	Tainan City	1.61 236	eP	Pb	05 22 26.6	-0.1
SGST	Jiashian	1.64 230	P	Pn	05 22 25.6	+0.7
SGST	baz=224		eS	Sb	05 22 47.3	-0.1
IRIF	Iriomote-Funau	1.64 83	P	Pn	05 22 24.6	-0.3
IRIF	baz=224		eS	Sb	05 22 46.3	-1.1

SLGT	Liugui	1.65 226	eP	Pb	05 22 27.1	-0.3
SLGT	baz=220		eS	Sb	05 22 49.8	+2.0
WSF	Wafangdian	1.66 253	eP	Pb	05 22 26.8	-0.7
WSF	baz=247		eS	Sb	05 22 49.1	+1.3
HATJ	Hateruma jima	1.70 92	P	Pn	05 22 26.5	+0.8
ECL	Taimali	1.79 211	eP	Pn	05 22 25.3	-1.6
CHN3	Shinhua	1.80 234	eP	Pb	05 22 30.2	+0.3
SCST	Cishan	1.83 227	eP	Pb	05 22 30.2	-0.2
SSD	Sandimen	1.84 221	eP	Pb	05 22 29.4	-1.2
TSMG	Majia	1.86 220	eP	Pb	05 22 29.9	-1.1
SCLT	Jiali	1.87 239	eP	Pb	05 22 29.7	-1.4
JKRS	Kuro-shima	1.89 87	P	Pn	05 22 29.2	+0.9
JKRS	baz=206		eS	Sb	05 22 53.1	-1.4
TWM	Shoushan	1.92 227	eP	Pb	05 22 32.0	+0.1
MASBT	Mashibuluo	1.94 219	eP	Pb	05 22 31.0	-1.3
MASBT	baz=199		eS	Sb	05 22 55.4	-0.8
SGLT	Jiouru	1.94 224	eP	Pb	05 22 31.9	-0.5
JJU	Ishigaki jima	2.02 83	P	Pn	05 22 30.3	+0.2
JJU	baz=204		eS	Sn	05 22 56.0	+1.4
EAST	Anshuo	2.02 210	eP	Pn	05 22 30.0	-0.2
TAW	Tawu	2.02 209	eP	Pn	05 22 30.3	+0.1
SSPT	Kinshu	2.08 218	eP	Pb	05 22 33.8	-0.9
SCZT	Fangliu	2.14 215	eP	Pb	05 22 34.4	-1.3
SLIU	Shi	2.19 209	eP	Pn	05 22 33.4	+0.9
SLIU	baz=196		eS	Pn	05 22 33.0	+0.4
JISG	Ishigakijima	2.20 78	P	Pn	05 22 59.6	+0.5
JISG	baz=200		eS	Sn	05 22 34.0	+0.5
PHUB	P'eng-hu	2.26 254	eP	Pn	05 22 34.0	+0.5
PNG	Penghu	2.26 256	eP	Pn	05 22 34.0	+0.5
WLCH	Liujia	2.29 219	eP	Pb	05 22 38.6	+0.3
TWK1	Hengchun	2.43 206	eP	Pn	05 22 36.3	+0.5
TWK1	baz=192		eS	Pn	05 22 36.1	+0.3
TWK1	Hengchun	2.43 206	eP	Pn	05 22 37.8	+2.0
TWK1	baz=192		eS	Pn	05 22 37.5	+0.9
TSEB	Hengchuen, Pin	2.49 249	eP	Pn	05 22 37.9	+0.3
TSEB	baz=191		eS	Pn	05 22 38.4	-1.1
VCHM	Qimei	2.52 290	eP	Pn	05 22 39.6	-0.2
VCHM	baz=230		eS	Pn	05 22 46.2	+1.1
JTJ	Tarama	2.56 78	P	Pn	05 22 43.9	-1.2
IMATB	Matsu	2.70 318	eP	Pn	05 22 47.3	+1.8
IMATB	baz=316		eS	Pn	05 22 45.1	-0.7
PTMZ	Houxiangcun	2.72 290	eP	Pn	05 22 47.3	+1.8
PTMZ	baz=288		eS	Pn	05 23 18.3	-4.4
JKM	Ikemajima	3.11 75	P	Pn	05 22 46.2	+1.1
LYJJ	Jianjiangzhen	3.11 321	eP	Pn	05 22 46.2	+1.6
LYJJ	baz=320		eS	Pn	05 22 46.1	-1.1
JMJZ	Miyako jima3	3.14 78	P	Pn	05 22 46.6	-0.6
OZH	Qanzhou	3.16 285	↑P	Pn	05 22 46.5	-1.0
OZH	baz=320		eS	Sn	05 22 52.8	-0.5
OZH	comp=N,430nm,0.7s		smax	smax	05 22 55.2	-0.5
OZH	comp=E,600nm,0.5s		smax	smax	05 22 44.9	-1.5
XPSS	Dashiqiu	3.20 331	eP	Pn	05 22 48.2	+1.6
XPSS	baz=329		eS	Pn	05 22 46.1	-1.1
KNM	Kinmen	3.22 276	eP	Pn	05 22 46.1	-1.1
KNMB	Chin-men Tao	3.26 276	eP	Pn	05 22 46.6	-0.6
KNMB	baz=271		eS	Pn	05 22 46.5	-1.0
KNMB	Chin-men Tao	3.26 276	Pn	Pn	05 22 52.8	-0.5
MHZO	Yeshan	3.29 307	eP	Pn	05 22 55.1	-0.1
AXDP	Jialang	3.70 283	eP	Pn	05 23 27.9	-1.4
AXDP	baz=305		eS	Pn	05 23 29.0	-0.2
ZPLA	Ao Xicun	3.84 268	eP	Pn	05 23 29.2	0.0
ZPLA	baz=263		eS	Pn	05 23 47.5	-4.3
JOW	Kunigami	6.32 64	P	Pn	05 25 13.3	-7.8
JOW	5.3nm,0.3s,baz=187,slow=13,SNR=6.3		Pn	Pn	05 23 27.9	-1.4
JOW	Kunigami	6.32 64	Pn	Pn	05 23 29.0	-0.2
JOW	Kunigami	6.32 64	Pn	Pn	05 23 29.2	0.0
GZH	Guangzhou	7.96 264	Pn	Pn	05 23 47.5	-4.3
GZH	baz=264		Sn	Sn	05 25 13.3	-7.8
GZH	comp=N,280nm,0.8s		smax	smax	05 23 55.2	-1.8
GZH	comp=E,190nm,1.0s		smax	smax	05 25 29.5	-0.9
NJ2	Nanjing	8.34 342	eP	Pn	05 25 09.2	-0.8
NJ2	baz=272		eS	Pn	05 25 57.5	+3.9
NJ2	comp=N,170nm,0.7s		smax	smax	05 24 24.7	-0.8
NJ2	comp=N,230nm,1.0s		smax	smax	05 25 09.2	-0.8
WHN	Wuhan	9.29 315	↑P	Pn	05 24 09.2	-0.8
WHN	baz=272		eS	Pn	05 25 57.5	+3.9
WHN	comp=N,3um,4.2s		LR	LR	05 24 09.2	-0.8
WHN	comp=E,2um,3.0s		LR	LR	05 25 57.5	+3.9
WHN	comp=N,3um,16.9s		LR	LR	05 24 52.6	+0.6
QIZ	Qiongzong	12.35 248	P	Pn	05 27 11.2	+2.2
QIZ	comp=N,330nm,15.3s		LR	LR	05 24 52.6	+0.6
QIZ	comp=E,250nm,17.8s		LR	LR	05 27 11.2	+2.2
QIZ	comp=N,280nm,18.0s		LR	LR	05 25 18.4	+3.6
GYA	Guiyang	14.02 283	↑P	Pn	05 25 22.6	+0.1
GYA	baz=211nm,1.1s		eS	Pn	05 27 54.5	+4.8
GYA	comp=N,520nm,12.0s		LR	LR	05 25 22.6	+0.1
GYA	comp=E,780nm,12.0s		LR	LR	05 27 54.5	+4.8
GYA	comp=N,1um,16.8s		LR	LR	05 25 18.4	+3.6
KSR5	Korea Array	14.22 20	P	Pn	05 25 22.6	+0.1
KSR5	0.3nm,0.3s,baz=202,slow=13,SNR=2.0		Pn	Pn	05 27 54.5	+4.8
KSR5	Beinan	16.58 344	P	Pn	05 25 16.9	-0.5
KSR5	baz=206		Pn	Pn	05 25 48.2	-0.2
BJI	Beinan	comp=N,8.0nm,1.4s	smax	smax	05 25 16.9	-0.5
BJI	comp=N,170nm,4.3s		LR	LR	05 25 48.2	-0.2
BJI	comp=N,450nm,15.1s		LR	LR	05 29 32.9	0.0
BJI	comp=E,190nm,14.7s		LR	LR	05 32 39.6	0.0
BJI	comp=N,670nm,16.1s		LR	LR	05 26 00.2	-0.6
DVAV	Davao City (W)	17.33 168	LR	LR	05	

2d 5h

Table with columns: GEYT, ARU, KBZ, MSVF, ILAR, ARCES, FINES, MNK, INK, AKASA, BRTR, NOA, YKA, GERES, PPT, ESDC. Each row contains station name, frequency, and other technical details.

IDC 02 05:26:57.4, 2.6, 1.62N, 127.70E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.0/7, mbtmp3.4/3, Error ellipse: s-maj=214.6km s-min=27.4km az=67.0, Halmahera

IDC 02 05:43:22.6, 3.1, 4.65SS, 99.07E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.7/33, mbtmp3.7/3, MS3.6/5, Msl1 3.6/5, ms1mx3.1/26, Error ellipse: s-maj=102.7km s-min=24.1km az=124.0, Southeast Indian Ridge

Table with columns: H01W2, H01W3, H01W1, MAW, ASAR, ASAR, WRA, WRA, VVDA, QSPA, SNA, AAK, GEYT. Each row contains station name, frequency, and other technical details.

NNC 02 05:43:27.1, 4.7, 40.36N, 73.44E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=37.5km s-min=15.9km az=170.0

Table with columns: SFK, OHH, SALK, DRK, DRK, AML, AML, BTK, BTK, TRKS, TRKS, MNAS, MNAS, EKS2, EKS2, MRKS, MRKS, MRKS, MRKS, KBK, KBK, GAR, GAR. Each row contains station name, frequency, and other technical details.

2015 DEC

Table with columns: GAR, ULHL, ULHL, USP, TSM, TKM2, IUG, IUG, IUG, KST, KST, DGS, DGS, TARG, TARG, TNSS, TNSS, TNSS, TNSS, BRLS, BRLS, BRLS, KUU, KUU, KUU. Each row contains station name, frequency, and other technical details.

BUI 02 05:53:00.9, 0.0, 24.123N, 121.190E, h18km, mb4.6/19, ML4.2/10, Ms4.2/27, Ms7.3/327

NEIC 02 05:53:00.6, 1.8, 24.18N, 121.191E, h26km, 6km, Error ellipse: s-maj=6.1km s-min=5.4km az=149.0

NIED 02 05:53:00.0, 2.4, 11N, 121.90E, h21km, MW4.2, Moment Tensor Solution. s2 Moment tensor: Scale 10^15Nm; Mr:1.37; Mw:0.02; M2:1.35; M3:0.71; Mw:0.48; Mr:1.98; Fault plane solution: Mo:2.540000x10^15 NP1:11.000000, 874.000000, 107.000000. NP2:142.000000, 823.000000, 144.000000

JMA 02 05:53:00.0, 0.1, 24.11N, 121.90E, h21km, 2km, M4.2 ASIES 02 05:53:00.7, 24.18N, 121.90E, h29km, MW4.2 IDC 02 05:53:02.5, 3.0, 24.10N, 121.97E, h47km, 30km, mb3.8/15, mb1 3.9/17, mb1mx3.8/45, mbtmp4.1/17, ML3.8/2, MS3.6/19, Msl 3.6/19, ms1mx3.4/40, Error ellipse: s-maj=19.7km s-min=17.8km az=69.0

ISC 02 05:53:00.7, 0.7, 24.14N, 121.92E, h27km, 5km, n208, 1514/283, mb4.3/24, MS3.7/17, 10C-28D, Taiwan

Table with columns: EHP, EHP, ETL, ETL, NACB, NACB, NACB, TWD, TWD, ENA, ENA, EWUT, EWUT, HWA, HWA, TEYL, TEYL, ETLH, ETLH, ETM, ETM, NDS, NDS, NDC, NDC, NNSB, NNSB, NNS, NNS, NDT, NDT, ENT, ENT, WHF, WHF, TWE, TWE, FUS, FUS, FUS, FUS, ILA, ILA, ILA. Each row contains station name, frequency, and other technical details.

Table with columns: EGFH, EGFH, CHGB, CHGB, TWT, TWT, EGS, EGS, TDCB, TDCB, OWD, OWD, NTC, NTC, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NWL, NWL, HGSD, HGSD, TIPB, TIPB, EHY, EHY, TWB1, TWB1, TWA, TWA, NHDH, NHDH, NHDH, WHP, WHP, WHP, TATO, TATO, WCS, WCS, WCS, WCS, NWF, NWF, YULB, YULB, YULB, YULB, SSSL, SSSL, SSSL, SSSL, EYUL, EYUL, NSTT, NSTT, TAP, TAP, TAP, SMLT, SMLT, SMLT, JYNG, JYNG, TYC, TYC, TYC, HSN1, HSN1, YOJ, YOJ, YOJ, YOJ, YMO1, YMO1, TWS1, TWS1, TWS1, NCU, NCU, NCU, NCU, TWQ1, TWQ1, TWQ1, TWQ1, YUS, YUS, YUS, NMLH, NMLH, FULB, FULB, NTST, NTST, TCU, TCU. Each row contains station name, frequency, and other technical details.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
				Op	ISC	h	m s
						ISC	ISC
OK032	Salt Plains WL	0.13	298	Pg	ISC	06 20 02.8	+0.1
G002	Grant County #	0.20	57	Pg	Pg	06 20 04.0	+0.2
KAN14	Manchester OK	0.23	21	Pg	Pg	06 20 04.5	+0.1
CROK	Carrier	0.25	164	Pg	Pg	06 20 05.1	+0.4
KAN10	Anthony SW Sta	0.38	356	Pg	Pg	06 20 07.3	0.0
KAN17	Caldwell West	0.39	39	Pg	Pg	06 20 07.3	0.0
KAN05	Bluff City Nor	0.40	23	Pg	Pg	06 20 07.7	+0.1
KAN01	Argonia South	0.48	31	Pg	Pg	06 20 09.0	-0.1
KAN16	Harper SW Stat	0.48	0	Pg	Pg	06 20 09.1	-0.1
KAN08	Anthony NE Sta	0.49	9	Pg	Pg	06 20 09.3	0.0
KAN06	Argonia West S	0.53	18	Pg	Pg	06 20 10.0	-0.1
KAN09	Caldwell North	0.53	42	Pg	Pg	06 20 10.0	-0.1
KAN13	South Haven SW	0.54	60	Pg	Pg	06 20 10.2	-0.2
KAN12	Harper NE Stat	0.56	6	Pg	Pg	06 20 10.5	-0.1
ELOK	Blackwell	0.68	86	Pg	Pg	06 20 12.9	-0.1
U32A	Winter Ranch,	0.82	88	Pg	Pg	06 20 15.6	-0.3
U32A	Winter Ranch,	0.84	245	P	Pg	06 20 15.6	-0.3
U32A	Winter Ranch,			S	Sb	06 20 28.0	0.0
U32A	Winter Ranch,			S	Sb	06 20 28.0	0.0
OK029	Liberty Lake	1.06	152	Pg	Pg	06 20 19.9	-0.4
BCOK	Bluff Creek, N	1.15	161	Pg	Pg	06 20 21.1	-0.7
QUOK	Quay	1.23	117	Pg	Pg	06 20 22.9	-0.5
T35A	Sooner Cattle	1.26	82	Pn	Pn	06 20 23.0	-0.7
T35B	Sooner Cattle	1.26	82	P	Pn	06 20 23.1	-0.7
T35B	Sooner Cattle			S	Sg	06 20 40.2	-0.1
OK031	S. Brethren Rd	1.27	128	Pn	Pn	06 20 23.3	-0.6
OK025	Westminster Rd	1.30	153	Pn	Pn	06 20 24.1	-0.3
OK034	N. Norfolk Rd	1.31	123	Pn	Pn	06 20 24.1	-0.5
OK030	Cody Creek RV	1.32	128	Pn	Pn	06 20 24.1	-0.5
OKCFA	Oklahoma City	1.42	159	Pn	Pn	06 20 25.1	-0.8
OKCFA	Oklahoma City	1.42	159	P	Pn	06 20 25.7	-0.2
OKCFA	Oklahoma City			S	Sg	06 20 45.5	+0.2
OKCSW	OKLAHOMA CITY	1.43	159	Pn	Pn	06 20 25.7	-0.4
FNO	Franklin	1.58	160	Pb	Pb	06 20 28.6	-0.7
R32A	Long Quarter,	1.75	343	P	Pn	06 20 31.6	+0.9
R32A	Long Quarter,	1.75	343	P	Pn	06 20 31.5	+0.9
R32A	Long Quarter,			S	Sb	06 20 54.8	+0.3
W35A	Tecumseh	1.86	148	Pn	Pn	06 20 32.6	+0.6
TUL1	Leonard	2.02	114	Pn	Iamb_Lg	06 20 35.7	-1.0
TUL1	Leonard			Iamb_Lg	Iamb_Lg	06 21 04.8	
TUL1	Leonard	2.02	114	P	Pn	06 20 34.8	+0.7
TUL1	Leonard			Sb	Sb	06 21 02.7	+0.7
X34A	Smith Ranch, M	2.15	175	Pn	Pn	06 20 37.3	+1.3
CBKS	Cedar Bluff	2.46	328	Pn	Pn	06 20 41.8	+1.5
CBKS	Cedar Bluff	2.46	328	Pn	Pn	06 20 40.9	+0.6
CBKS	Cedar Bluff			S	Sn	06 21 11.9	+1.4
KSU1	Kansas State U	2.62	26	Pn	Iamb_Lg	06 20 43.3	+0.8
KSU1	Kansas State U			Iamb_Lg	Iamb_Lg	06 21 25.9	
KSU1	Kansas State U	2.62	26	P	Pn	06 20 43.2	+0.7
LOOK	Love County	2.84	165	Pn	Pn	06 20 46.6	+1.1
U38A	Gravette	2.98	95	Pn	Pn	06 20 48.2	+0.8
U38A	Gravette	2.98	95	Pn	Pn	06 20 48.2	+0.8
X37A	Clayton	3.07	134	Pn	Pn	06 20 49.5	+0.8
X37A	Clayton	3.07	134	Pn	Pn	06 20 48.7	+0.1
HHAR	Hobbs	3.35	97	Pn	Pn	06 20 53.2	+0.6
HHAR	Hobbs			Iamb_Lg	Iamb_Lg	06 21 52.6	
Z35A	Perchaven, San	3.47	169	Pn	Pn	06 20 55.4	+1.2
Z35A	Perchaven, San	3.47	169	P	Pn	06 20 55.3	+1.2
W39A	Magazine	3.80	113	Pn	Pn	06 21 00.3	+1.6
S39A	Bolivar	3.90	75	Pn	Pn	06 21 00.3	+0.1
S39A	Bolivar	3.90	75	Pn	Pn	06 21 00.2	+0.1
N33A	J Bar K, Exete	4.02	7	Pn	Iamb_Lg	06 21 02.5	+0.7
N33A	J Bar K, Exete			Iamb_Lg	Iamb_Lg	06 22 05.1	
U40A	Yellville	4.21	94	Pn	Iamb_Lg	06 21 04.3	-0.1
U40A	Yellville			Iamb_Lg	Iamb_Lg	06 22 13.0	
KSCO	Kaye Shedlock	4.26	303	Iamb_Lg	Iamb_Lg	06 22 26.2	
MIAR	Mount Ida	4.26	120	Pn	Pn	06 21 06.4	+1.4
MIAR	Mount Ida			Iamb_Lg	Iamb_Lg	06 22 25.0	
Z38A	Mt. Pleasant	4.30	143	Pn	Pn	06 21 06.8	+1.2
Z38A	Mt. Pleasant			Iamb_Lg	Iamb_Lg	06 22 28.6	
ABTX	Abilene, Hawle	4.31	198	Iamb_Lg	Iamb_Lg	06 22 15.4	
P38A	Dawn	4.59	50	Iamb_Lg	Iamb_Lg	06 22 33.2	
BGNE	Belgrade	4.66	359	Iamb_Lg	Iamb_Lg	06 22 33.3	
MGMO	Mountain Grove	4.66	83	Iamb_Lg	Iamb_Lg	06 22 34.0	
FCAR	Ozark Folk Cen	4.87	98	Iamb_Lg	Iamb_Lg	06 22 42.2	
WHAR	Woolly Hollow	4.90	105	Iamb_Lg	Iamb_Lg	06 22 40.5	
T25A	Trinidad	5.10	276	Iamb_Lg	Iamb_Lg	06 22 44.2	
OGNE	Ogallala	5.21	325	Pg	Pg	06 21 36.3	-3.4
OGNE	Ogallala			Iamb_Lg	Iamb_Lg	06 22 47.3	
P40A	Paris	5.50	58	Iamb_Lg	Iamb_Lg	06 22 58.4	
CCM	Cathedral Cave	5.59	74	Iamb_Lg	Iamb_Lg	06 23 02.0	
LCAR	Lake Charles	5.61	95	Iamb_Lg	Iamb_Lg	06 22 58.5	
K31A	O'Neill	5.90	355	Iamb_Lg	Iamb_Lg	06 23 17.6	
435B	Jarrell	5.96	176	Iamb_Lg	Iamb_Lg	06 23 14.7	
PBMO	Poplar Bluff	6.13	87	Iamb_Lg	Iamb_Lg	06 23 14.2	
FVM	French Village	6.21	76	Iamb_Lg	Iamb_Lg	06 23 15.4	
SCIA	State Center	6.38	35	Iamb_Lg	Iamb_Lg	06 23 23.9	
S44A	Carbondale	7.09	80	Iamb_Lg	Iamb_Lg	06 23 46.5	
OLIL	Olney	8.14	73	Iamb_Lg	Iamb_Lg	06 24 32.0	

JMA 02 06:32:20.6:0.1, 24.13N, 121.91E, h24km, M2.9
 TAP 02 06:32:21.4:0.2, 24.18N, 121.89E, h23km, ML3.8, B
 ISC 02 06:32:21.3:0.9, 24.17N, 121.92E, h23km, M3.6, B

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
				Op	ISC	h	m s
						ISC	ISC
EHP	Heping Village	0.22	311	P	Pb	06 32 27.1	0.0
EHP	Heping Village			S	Sb	06 32 31.6	+0.6
ETL	Fush Village	0.27	269	P	Pb	06 32 27.3	-0.5
ETL	Fush Village			eS	Sb	06 32 31.7	-0.7
NACB	Ninganchiao	0.30	272	P	Pb	06 32 28.0	-0.2
NACB	Ninganchiao			S	Sb	06 32 32.9	0.0
EWUT	Wuta	0.31	335	i P	Pb	06 32 28.3	0.0
EWUT	Wuta			S	Sb	06 32 33.6	+0.4
ENA	Nanau	0.31	328	P	Pb	06 32 28.1	-0.3
ENA	Nanau			S	Sb	06 32 33.4	+0.2
TWD	Chiawan	0.31	254	P	Pb	06 32 28.2	-0.1
TWD	Chiawan			eS	Sb	06 32 32.8	-0.4

HWA	Hwalien	0.35	237	P	Pb	06 32 29.4	+0.5
ETLH	Xiulin Townshi	0.41	276	P <th>Pb</th> <th>06 32 29.7</th> <th>-0.3</th>	Pb	06 32 29.7	-0.3
ETLH	Xiulin Townshi			S	Sb	06 32 36.4	+0.5
TEYL	Yanliu Villag	0.42	225	P	Pb	06 32 30.2	0.0
TEYL	Yanliu Villag		<th>S</th> <th>Sb</th> <th>06 32 36.7</th> <th>+0.6</th>	S	Sb	06 32 36.7	+0.6
ETM	Tongmen	0.44	243	eP	Pb	06 32 30.2	-0.3
ETM	Tongmen		<th>eS</th> <th>Sb</th> <th>06 32 37.4</th> <th>+0.6</th>	eS	Sb	06 32 37.4	+0.6
TWC	Suao	0.45	351 <th>P</th> <th>Sb</th> <th>06 32 30.6</th> <th>0.0</th>	P	Sb	06 32 30.6	0.0
TWC	Suao		<th>eS</th> <th>Sb</th> <th>06 32 37.5</th> <th>+0.6</th>	eS	Sb	06 32 37.5	+0.6
NDS	Dongshan	0.50	338 <th>P</th> <th>Sn</th> <th>06 32 31.5</th> <th>0.0</th>	P	Sn	06 32 31.5	0.0
NDS	Dongshan		<th>S</th> <th>Sn</th> <th>06 32 39.2</th> <th>-1.8</th>	S	Sn	06 32 39.2	-1.8
NNSB	Datong	0.56	298 <th>i P</th> <th>Pb</th> <th>06 32 32.3</th> <th>-0.3</th>	i P	Pb	06 32 32.3	-0.3
NNSB	Datong		<th>S</th> <th>Sb</th> <th>06 32 40.1</th> <th>-0.1</th>	S	Sb	06 32 40.1	-0.1
ESL	Shilin	0.57	232 <th>P</th> <th>Pb</th> <th>06 32 32.6</th> <th>-0.1</th>	P	Pb	06 32 32.6	-0.1
ESL	Shilin		<th>S</th> <th>Sb</th> <th>06 32 40.8</th> <th>+0.4</th>	S	Sb	06 32 40.8	+0.4
ENTT	Nioudou	0.57	325 <th> P</th> <th>Pb</th> <th>06 32 32.7</th> <th>-0.1</th>	P	Pb	06 32 32.7	-0.1
ENTT	Nioudou		<th>S</th> <th>Sn</th> <th>06 32 41.0</th> <th>-1.8</th>	S	Sn	06 32 41.0	-1.8
NDT	Datong Townshi	0.57	319 <th>P</th> <th>Pb</th> <th>06 32 32.7</th> <th>-0.1</th>	P	Pb	06 32 32.7	-0.1
NDT	Datong Townshi		<th>S</th> <th>Sn</th> <th>06 32 41.0</th> <th>-1.8</th>	S	Sn	06 32 41.0	-1.8
TEGC	Jichi Village	0.57	218 <th>eP</th> <th>Pn</th> <th>06 32 33.4</th> <th>-0.7</th>	eP	Pn	06 32 33.4	-0.7
TEGC	Jichi Village		<th>eS</th> <th>Sn</th> <th>06 32 41.9</th> <th>-0.9</th>	eS	Sn	06 32 41.9	-0.9
TWE	Neicheng	0.60	337 <th>P</th> <th>Pb</th> <th>06 32 33.2</th> <th>0.0</th>	P	Pb	06 32 33.2	0.0
TWE	Neicheng		<th>eS</th> <th>Sn</th> <th>06 32 41.8</th> <th>-1.7</th>	eS	Sn	06 32 41.8	-1.7
WHF	Hehuan Shan	0.60	268 <th> P</th> <th>Pb</th> <th>06 32 33.1</th> <th>-0.4</th>	P	Pb	06 32 33.1	-0.4
WHF	Hehuan Shan		<th>S</th> <th>Sb</th> <th>06 32 41.7</th> <th>0.0</th>	S	Sb	06 32 41.7	0.0
ILA	Ilan	0.62	345 <th>eP</th> <th>Pb</th> <th>06 32 33.6</th> <th>+0.1</th>	eP	Pb	06 32 33.6	+0.1
ILA	Ilan		<th>eS</th> <th>Sn</th> <th>06 32 43.5</th> <th>-0.4</th>	eS	Sn	06 32 43.5	-0.4
FUSS	Fushou	0.62	278 <th>i P</th> <th>Pb</th> <th>06 32 33.6</th> <th>-0.2</th>	i P	Pb	06 32 33.6	-0.2
FUSS	Fushou		<th>i S</th> <th>Sn</th> <th>06 32 42.5</th> <th>-1.9</th>	i S	Sn	06 32 42.5	-1.9
EGFH	Guangfu	0.67	223 <th>P</th> <th>Pb</th> <th>06 32 34.4</th> <th>0.0</th>	P	Pb	06 32 34.4	0.0
EGFH	Guangfu		<th>eS</th> <th>Sn</th> <th>06 32 44.6</th> <th>-0.6</th>	eS	Sn	06 32 44.6	-0.6
EGS	Renai	0.68	1 <th>eP</th> <th>Pn</th> <th>06 32 35.5</th> <th>0.0</th>	eP	Pn	06 32 35.5	0.0
EGS	Renai		<th>eS</th> <th>Sn</th> <th>06 32 45.1 <th>-0.2</th> </th>	eS	Sn	06 32 45.1 <th>-0.2</th>	-0.2
TWT	Tachien	0.69	277 <th>P</th> <th>Pb</th> <th>06 32 35.0</th> <th>-0.9</th>	P	Pb	06 32 35.0	-0.9
TWT	Tachien		<th>S</th> <th>Sn</th> <th>06 32 44.8</th> <th>-1.1</th>	S	Sn	06 32 44.8	-1.1
NTC	Toucheng	0.69	353 <th>↑P</th> <th>Pn</th> <th>06 32 35.0</th> <th>-0.7</th>	↑P	Pn	06 32 35.0	-0.7
NTC	Toucheng		<th>S</th> <th>Sn</th> <th>06 32 44.9</th> <th>-0.8</th>	S	Sn	06 32 44.9	-0.8
CHGB	Renai	0.69	261 <th>i P</th> <th>Pb</th> <th>06 32 34.6</th> <th>-0.3</th>	i P	Pb	06 32 34.6	-0.3
CHGB	Renai		<th>S</th> <th>Sb</th> <th>06 32 44.3 <th>+0.2</th> </th>	S	Sb	06 32 44.3 <th>+0.2</th>	+0.2
TDCB	Techi	0.70	277 <th>i P</th> <th>Pb</th> <th>06 32 35.0</th> <th>0.0</th>	i P	Pb	06 32 35.0	0.0
TDCB	Techi		<th>S</th> <th>Sn</th> <th>06 32 44.6</th> <th>-1.7</th>	S	Sn	06 32 44.6	-1.7
YHNB	Yeheng	0.71	315 <th>i P</th> <th>Pb</th> <th>06 32 34.8</th> <th>-0.3</th>	i P	Pb	06 32 34.8	-0.3
YHNB	Yeheng		<th>S</th> <th>Sn</th> <th>06 32 44.5</th> <th>-1.7</th>	S	Sn	06 32 44.5	-1.7
OWD	Renai	0.71	253 <th>eP</th> <th>Pb</th> <th>06 32 34.9</th> <th>-0.3</th>	eP	Pb	06 32 34.9	-0.3
OWD	Renai		<th>eS</th> <th>Sn</th> <th>06 32 45.2</th> <th>-1.3</th>	eS	Sn	06 32 45.2	-1.3
NWLT	Wulai	0.72	328 <th>i P</th> <th>Pn</th> <th>06 32 35.5</th> <th>-0.6</th>	i P	Pn	06 32 35.5	-0.6
NWLT	Wulai		<th>S</th> <th>Sn</th> <th>06 32 44.8</th> <th>-1.7</th>	S	Sn	06 32 44.8	-1.7
NSK	Sanguang	0.72	315 <th>P</th> <th>Pb</th> <th>06 32 34.9</th> <th>-0.4</th>	P	Pb	06 32 34.9	-0.4
NSK	Sanguang		<th>eS</th> <th>Sn</th> <th>06 32 45.4</th> <th>-1.2</th>	eS	Sn	06 32 45.4	-1.2
TIPB	Shuangxi	0.81	354 <th>i P</th> <th>Pn</th> <th>06 32 37.0</th> <th>-0.3</th>	i P	Pn	06 32 37.0	-0.3
TIPB	Shuangxi		<th>S</th> <th>Sn</th> <th>06 32 48.5</th> <th>+1.1</th>	S	Sn	06 32 48.5	+1.1
HGSD	Ruisui	0.81	214 <th>P</th> <th>Pb</th> <th>06 32 38.5</th> <th>+1.1</th>	P	Pb	06 32 38.5	+1.1
HGSD	Ruisui		<th>eS</th> <th>Sn</th> <th>06 32 49.5</th> <th>+0.8</th>	eS	Sn	06 32 49.5	+0.8
TWB1	Santiao Chiao	0.84	4 <th>P</th> <th>Sn</th> <th>06 32 37.9</th> <th>+0.1</th>	P	Sn	06 32 37.9	+0.1
TWB1	Santiao Chiao		<th>S</th> <th>Sn</th> <th>06 32 50.0</th> <th>+0.5</th>	S	Sn	06 32 50.0	+0.5
TWA	Mucha	0.87	339 <th>P</th> <th>Pb</th> <th>06 32 38.5</th> <th>+0.3</th>	P	Pb	06 32 38.5	+0.3
TWA	Mucha		<th>eS</th> <th>Sn</th> <th>06 32 50.2</th> <th>+0.1</th>	eS	Sn	06 32 50.2	+0.1
NHHD	Xindian Distri	0.87	336 <th>eP</th> <th>Pn</th> <th>06 32 38.2</th> <th>0.0</th>	eP	Pn	06 32 38.2	0.0
NHHD	Xindian Distri		<th>eS</th> <th>Sn</th> <th>06 32 50.2</th> <th>0.0</th>	eS	Sn	06 32 50.2	0.0
WPL							

Table with columns: ARAO, ARCESS Array S, 2.62 47 PN, Pn, 06 42 02.8 -0.9, etc.

IDC 02 06:42:54.1±0.5, 54.36N, 87.08E, h0km, mb1 2.7/2, mb1mx2.7/43, mbtmp2.7/43, ML2.3/2, Error ellipse: s-maj=16.0km s-min=0.6km az=164.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

IDC 02 06:48:02.3±0.6, 38.85N, 144.78E, h0km, mb4.2/22, mb1 4.4/29, mb1mx4.3/45, mbtmp4.3/29, ML3.7/6, MS3.5/20, MS1 3.6/20, ms1mx3.3/42, Error ellipse: s-maj=16.2km s-min=12.7km az=104.0

BJJ 02 06:48:04.6±0.0, 39.10N, 144.70E, h20km, mb5.0/25, mb4.6/41, Ms4.2/21, Ms7.4/0/21

NEIC 02 06:48:05.5±1.7, 38.89N, 0.06±144.7E, 0.1, h22km, 5km, mb4.8/48, Error ellipse: s-maj=13.1km s-min=8.4km az=104.0

NIED 02 06:48:07.7, 39.16N, 144.53E, h51km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn-4.66; Mw0.82; Mw3.84; Mw1.07; Mw3.19; Fault plane solution: Ms6.51000±0.015 NP2; 22.00000°, 327.00000°, 1-68.00000°, -91.00000°

JMA 02 06:48:07.6±0.2, 39.16N, 144.53E, h51km, M4.4, ISC 02 06:48:03.9±0.4, 38.98N, 0.04±144.7E, 0.06, h10km, n143, 2519/146, mb4.6/53, MS3.8/23, 1C-2D, Off east coast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

ASAJ 14gm, 0.3s, baz=68, slow=25, SNR=6

ASAJ Ryogami san 5.25 239 P Sn 06 49 26.2 0.0

MJAJ Matushiro Arr 5.74 247 Pn 1.0nm, 0.3s, baz=71, slow=12, SNR=24

MJAJ Matushiro Arr 5.74 247 Pn 0.8nm, 0.3s, baz=61, slow=13, SNR=5.2

MJAJ Matushiro 5.74 247 Pn 0.74 247 Pn 06 49 29.8 +0.7

MJAJ Matushiro 5.74 247 Pn 06 49 29.9 +0.7

MJAJ Matushiro 5.74 247 Pn 06 49 30.3 +1.2

MJAJ Matushiro 5.74 247 Pn 06 50 34.9 -0.3

MJAJ Matushiro 5.74 247 Pn 06 49 30.7 +1.5

MJAJ Matushiro 6.80 243 Pn 06 49 45.0 +1.3

MJAJ Matushiro 7.10 216 Pn 06 49 44.2 -3.6

MJAJ Matushiro 18nm, 0.3s, baz=252, slow=22, SNR=21

MJAJ Matushiro 10nm, 0.3s, baz=122, slow=21, SNR=8.6

MJAJ Matushiro 7.17 242 Pn 06 49 50.3 +1.5

MJAJ Matushiro 8.34 247 Pn 06 50 06.0 +1.1

MJAJ Matushiro 10.10 251 Pn 06 50 38.8 +1.4

MJAJ Matushiro 10.90 303 Pn 06 50 41.1 +1.5

MJAJ Matushiro 10.93 303 Pn 06 50 40.4 +0.6

MJAJ Matushiro 10.93 303 Pn 06 50 40.8 +1.0

MJAJ Matushiro 10.90 303 Pn 06 50 41.1 +1.5

Table with columns: BTO Baotou, 26.65 285 eP, P, 06 53 45.4 +2.5, etc.

ULN SONM Ulanbatar 28.56 300 P P 06 54 00.3 +0.4

ULN SONM Sogino Array 29.00 300 P P 06 54 04.3 +0.4

SONM Lanzhou 32.39 278 eP, P, 06 54 48.9 +1.5

LZH Lanzhou 32.39 278 eP, P, 06 54 55.1 +1.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

LZH Lanzhou 32.39 278 eP, P, 06 54 58.1 +2.2

Table with columns: ASAR Alice Springs, 63.14 191 P, P, 06 58 30.9 -0.9, etc.

KLMR Klimovskoe 63.52 328 eP, P, 06 58 26.1 -7.8

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

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KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

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KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

KLMR Klimovskoe 63.52 328 eP, P, 06 58 42.2

JMA 02 06:55:10.9±0.2, 24.50N, 122.64E, h104km, 2km, ISC 02 06:55:11.5±2.9, 24.58N, 122.64E, h95km, 1km, ML3.3, B

ASAJ 14gm, 0.3s, baz=68, slow=25, SNR=6

ASAJ Ryogami san 5.25 239 P Sn 06 49 26.2 0.0

MJAJ Matushiro Arr 5.74 247 Pn 1.0nm, 0.3s, baz=71, slow=12, SNR=24

MJAJ Matushiro Arr 5.74 247 Pn 0.8nm, 0.3s, baz=61, slow=13, SNR=5.2

MJAJ Matushiro 5.74 247 Pn 0.74 247 Pn 06 49 29.8 +0.7

MJAJ Matushiro 5.74 247 Pn 06 49 29.9 +0.7

MJAJ Matushiro 5.74 247 Pn 06 49 30.3 +1.2

MJAJ Matushiro 5.74 247 Pn 06 50 34.9 -0.3

MJAJ Matushiro 5.74 247 Pn 06 49 30.7 +1.5

MJAJ Matushiro 6.80 243 Pn 06 49 45.0 +1.3

MJAJ Matushiro 7.10 216 Pn 06 49 44.2 -3.6

MJAJ Matushiro 18nm, 0.3s, baz=252, slow=22, SNR=21

MJAJ Matushiro 10nm, 0.3s, baz=122, slow=21, SNR=8.6

MJAJ Matushiro 7.17 242 Pn 06 49 50.3 +1.5

MJAJ Matushiro 8.34 247 Pn 06 50 06.0 +1.1

MJAJ Matushiro 10.10 251 Pn 06 50 38.8 +1.4

MJAJ Matushiro 10.90 303 Pn 06 50 41.1 +1.5

MJAJ Matushiro 10.93 303 Pn 06 50 40.4 +0.6

MJAJ Matushiro 10.93 303 Pn 06 50 40.8 +1.0

MJAJ Matushiro 10.90 303 Pn 06 50 41.1 +1.5

Table of astronomical observations for Dec 2015, including columns for object name, magnitude, position, and other parameters.

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Table with columns: Code, Station Name, Az, El, Az2, El2, Phase ID, Time, Res, ISC, Pn, S, IAML, IAMB, Pmax, Pmax2, Pmax3, Pmax4, Pmax5, Pmax6, Pmax7, Pmax8, Pmax9, Pmax10, Pmax11, Pmax12, Pmax13, Pmax14, Pmax15, Pmax16, Pmax17, Pmax18, Pmax19, Pmax20, Pmax21, Pmax22, Pmax23, Pmax24, Pmax25, Pmax26, Pmax27, Pmax28, Pmax29, Pmax30, Pmax31, Pmax32, Pmax33, Pmax34, Pmax35, Pmax36, Pmax37, Pmax38, Pmax39, Pmax40, Pmax41, Pmax42, Pmax43, Pmax44, Pmax45, Pmax46, Pmax47, Pmax48, Pmax49, Pmax50, Pmax51, Pmax52, Pmax53, Pmax54, Pmax55, Pmax56, Pmax57, Pmax58, Pmax59, Pmax60, Pmax61, Pmax62, Pmax63, Pmax64, Pmax65, Pmax66, Pmax67, Pmax68, Pmax69, Pmax70, Pmax71, Pmax72, Pmax73, Pmax74, Pmax75, Pmax76, Pmax77, Pmax78, Pmax79, Pmax80, Pmax81, Pmax82, Pmax83, Pmax84, Pmax85, Pmax86, Pmax87, Pmax88, Pmax89, Pmax90, Pmax91, Pmax92, Pmax93, Pmax94, Pmax95, Pmax96, Pmax97, Pmax98, Pmax99, Pmax100.

IDC 02 10:05:24.4 1.9 61.74N, 147.42W, h39km, 16km, mb3.9/24, mb1.4/28, mb1mx3.9/66, mbtmp4.2/28, ML4.0/5, MS3.6/4, M-1 3.6/4, ms1mx3.1/51, Error ellipse: s-maj=19.9km s-min=9.5km az=48.0
NEIC 02 10:05:25.3 1.3 61.71N, 147.29W, 0.04, h42km, 5km, Error ellipse: s-maj=3.6km s-min=2.5km az=160.0
NEIC 02 10:05:25.61 69N, 147.26W, h48km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; M1: -1.31; M2: 5.16; M3: 6.47; M4: 1.19; M5: 5.51; M6: 0.91; Fault plane solution: M8.22000x10^19 NP1: 336.61000°, 79.70000°, -180.00000°. N P2: 246.61000°, 89.00000°, -10.00000°. Principal axes: T: 8.8239, P1: 7.00000°, Azm292.00000°, N: -1.3718, P1g20.00000°, Azm67.00000°, P: -7.4521, P1g7.00000°, Azm201.00000°.
AEIC 02 10:05:25.9 1.2 61.70N, 147.27W, 0.05, h36km, 6km, ML4.6/193, mb4.4/3(NEIC), ML4.8/164(NEIC), Mw4.5/193(NEIC) Error ellipse: s-maj=3.5km s-min=3.1km az=172.0
ISC 02 10:05:24.6 0.5 61.72N, 147.26W, 0.02, h39km, 4km, n326, s195/344, mb4.3/30, MS4.1/3, Southern Alaska

Table with columns: Code, Station Name, Az, El, Az2, El2, Phase ID, Time, Res, ISC, Pn, S, IAML, IAMB, Pmax, Pmax2, Pmax3, Pmax4, Pmax5, Pmax6, Pmax7, Pmax8, Pmax9, Pmax10, Pmax11, Pmax12, Pmax13, Pmax14, Pmax15, Pmax16, Pmax17, Pmax18, Pmax19, Pmax20, Pmax21, Pmax22, Pmax23, Pmax24, Pmax25, Pmax26, Pmax27, Pmax28, Pmax29, Pmax30, Pmax31, Pmax32, Pmax33, Pmax34, Pmax35, Pmax36, Pmax37, Pmax38, Pmax39, Pmax40, Pmax41, Pmax42, Pmax43, Pmax44, Pmax45, Pmax46, Pmax47, Pmax48, Pmax49, Pmax50, Pmax51, Pmax52, Pmax53, Pmax54, Pmax55, Pmax56, Pmax57, Pmax58, Pmax59, Pmax60, Pmax61, Pmax62, Pmax63, Pmax64, Pmax65, Pmax66, Pmax67, Pmax68, Pmax69, Pmax70, Pmax71, Pmax72, Pmax73, Pmax74, Pmax75, Pmax76, Pmax77, Pmax78, Pmax79, Pmax80, Pmax81, Pmax82, Pmax83, Pmax84, Pmax85, Pmax86, Pmax87, Pmax88, Pmax89, Pmax90, Pmax91, Pmax92, Pmax93, Pmax94, Pmax95, Pmax96, Pmax97, Pmax98, Pmax99, Pmax100.

Table with columns: Code, Station Name, Az, El, Az2, El2, Phase ID, Time, Res, ISC, Pn, S, IAML, IAMB, Pmax, Pmax2, Pmax3, Pmax4, Pmax5, Pmax6, Pmax7, Pmax8, Pmax9, Pmax10, Pmax11, Pmax12, Pmax13, Pmax14, Pmax15, Pmax16, Pmax17, Pmax18, Pmax19, Pmax20, Pmax21, Pmax22, Pmax23, Pmax24, Pmax25, Pmax26, Pmax27, Pmax28, Pmax29, Pmax30, Pmax31, Pmax32, Pmax33, Pmax34, Pmax35, Pmax36, Pmax37, Pmax38, Pmax39, Pmax40, Pmax41, Pmax42, Pmax43, Pmax44, Pmax45, Pmax46, Pmax47, Pmax48, Pmax49, Pmax50, Pmax51, Pmax52, Pmax53, Pmax54, Pmax55, Pmax56, Pmax57, Pmax58, Pmax59, Pmax60, Pmax61, Pmax62, Pmax63, Pmax64, Pmax65, Pmax66, Pmax67, Pmax68, Pmax69, Pmax70, Pmax71, Pmax72, Pmax73, Pmax74, Pmax75, Pmax76, Pmax77, Pmax78, Pmax79, Pmax80, Pmax81, Pmax82, Pmax83, Pmax84, Pmax85, Pmax86, Pmax87, Pmax88, Pmax89, Pmax90, Pmax91, Pmax92, Pmax93, Pmax94, Pmax95, Pmax96, Pmax97, Pmax98, Pmax99, Pmax100.

Table with columns: Code, Station Name, Az, El, Az2, El2, Phase ID, Time, Res, ISC, Pn, S, IAML, IAMB, Pmax, Pmax2, Pmax3, Pmax4, Pmax5, Pmax6, Pmax7, Pmax8, Pmax9, Pmax10, Pmax11, Pmax12, Pmax13, Pmax14, Pmax15, Pmax16, Pmax17, Pmax18, Pmax19, Pmax20, Pmax21, Pmax22, Pmax23, Pmax24, Pmax25, Pmax26, Pmax27, Pmax28, Pmax29, Pmax30, Pmax31, Pmax32, Pmax33, Pmax34, Pmax35, Pmax36, Pmax37, Pmax38, Pmax39, Pmax40, Pmax41, Pmax42, Pmax43, Pmax44, Pmax45, Pmax46, Pmax47, Pmax48, Pmax49, Pmax50, Pmax51, Pmax52, Pmax53, Pmax54, Pmax55, Pmax56, Pmax57, Pmax58, Pmax59, Pmax60, Pmax61, Pmax62, Pmax63, Pmax64, Pmax65, Pmax66, Pmax67, Pmax68, Pmax69, Pmax70, Pmax71, Pmax72, Pmax73, Pmax74, Pmax75, Pmax76, Pmax77, Pmax78, Pmax79, Pmax80, Pmax81, Pmax82, Pmax83, Pmax84, Pmax85, Pmax86, Pmax87, Pmax88, Pmax89, Pmax90, Pmax91, Pmax92, Pmax93, Pmax94, Pmax95, Pmax96, Pmax97, Pmax98, Pmax99, Pmax100.

2d 10h

2015 DEC

Table with columns: ULN, Ulanbaatar, 68.23 328, P, P, 10 19 23.0 +0.2, etc. Lists various locations and their associated data points.

Table with columns: RC01, Rabbit Creek A, 79.70 24, P, P, 10 20 29.5 0.0, etc. Lists various locations and their associated data points.

Table with columns: TOLK, Toolik Lake Re, 84.00 18, P, P, 10 20 52.6 +0.6, etc. Lists various locations and their associated data points.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Suanglung, Yuli, Taipei, Emei, Sun Moon Lake, Nanjuang, etc.

2015 DEC

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Yichu, CHN8, CHN9, CHN3, etc.

2d 12h

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DBIC, TORO, YKA, INK, SONM, ILAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TXAR, PDAR, DZM, BHW, BSWZ, CTA, CTAO, GRF, DAVOX, TORD, etc.

IDC 02 12:49:35.128.0.22:85S:175:09W, h0km, mb4.2/4, mb1 4.3/4, mb1mx3.8/36, mbtmp4.2/4, MS3.1/1, Ms1 3.1/1, ms1mx2.5/36, Error ellipse: s-maj=511.0km

NEIC 02 12:49:55.8t.1.23:8S:0:3:176:5W:0:3, h69km, 23km, mb4.6/16, Error ellipse: s-maj=53.0km s-min=26.9km az=51.0

ISC 02 12:49:53.13.4.23:7S:0:3:176:5W:0.4, h50km, n24, o675/22, mb4.5/11, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM, BHW, BSWZ, CTA, CTAO, GRF, DAVOX, TORD, etc.

IDC 02 12:40:16.3z.2.2.7:06S:155:77E, h0km, mb3.5/1, mb1 3.9/5, mb1mx3.6/29, mbtmp3.6/5, ML1.9/1, Error ellipse: s-maj=67.3km s-min=30.1km az=130.0, Bougainville-Solomon Islands region

IDC 02 12:41:38.1t.10.0.33:65S:109:93W, h0km, mb3.5/1, mb1 4.0/1, mb1mx3.6/25, mbtmp3.5/1, MS3.8/5, Ms1 3.8/5, ms1mx3.5/19, Error ellipse: s-maj=73.76km s-min=70.7km az=110.0

NEIC 02 12:41:40.7t.1.8.33:8S:0:1:109:3W:0:2, h10km, 1km, mb4.8/34, Error ellipse: s-maj=21.5km s-min=16.9km az=94.0

ISC 02 12:41:39.8.0.6.33:83S:0:09:109:3W:0.1, h10km, n50, o699/43, mb4.8/17, MS3.9/8, Southern East Pacific Rise

ISC 02 12:50:14.6.1.3.50:24N:0:07:18:75E:0:04, h9km, n15km, n5, o64/10, Poland

IDC 02 12:50:57.9t.1.4.34:17S:109:23W, h0km, mb4.1/4, mb1 4.4/4, mb1mx4.0/32, mbtmp4.1/4, MS3.7/3, Ms1 3.7/3, ms1mx3.4/18, Error ellipse: s-maj=52.4km s-min=34.5km az=164.0

NEIC 02 12:50:55.1.2.34:21S:0:05:108:9W:0:1, h10km, 1km, mb4.8/66, Error ellipse: s-maj=19.1km s-min=8.3km az=254.0

ISC 02 12:50:59.8.0.6.34:24S:0:09:108:9W:0:10, h10km, n88, o690/79, mb4.8/37, MS3.8/6, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OJC, MJC, MOC, LANC, VRAC, KSP, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VNA2, DCZ, SNA, SNA, SNA, SNA, etc.

IDC 02 13:16:59.0t.1.6.39:40N:110:56E, h0km, mb3.1/3, mb1 3.4/4, mb1mx3.2/44, mbtmp3.2/4, ML3.1/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/20, Error ellipse: s-maj=130.6km s-min=30.4km az=85.0, Western Nei Mongol

ISC 02 13:17:06.7z.0.8.36:5S:11:179E:1:7, h241km, 9km, M3.1/7, mb4.2/2, ML4.0/11, ML3.1/17, Mw(mB)3.3/2, Error ellipse: s-maj=0.0km s-min=0.0km az=119.7, Off east coast of North Island

DJA 02 13:18:58.4t.1.0.1N:6:12:3E:1, h13km, 5km, M3.5/6, ML3.5/6, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

WEL 02 13:27:06.7z.0.8.36:5S:11:179E:1:7, h241km, 9km, M3.1/7, mb4.2/2, ML4.0/11, ML3.1/17, Mw(mB)3.3/2, Error ellipse: s-maj=0.0km s-min=0.0km az=119.7, Off east coast of North Island

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTOI, GTOI, MRSI, MRSI, etc.

2d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KWHZ Kaweka Forest, KWHZ Hawaii, OTVZ Oturere, etc.

IDC 02 13:27:35.9-0.34'41S: 109:36W, h0km, mb4.0/4, mb1.4/4, mb1mx3.6/20, mbrmp4.0/4, MS3.8/11, Ms 1.3/7.11, ms1mx3.6/20, Error ellipse: s-maj=40.7km s-min=29.8km az=97.0

NEIC 02 13:27:38.1-1.2, 34.6S: 0.1x109:4W, 0.2, h10km, 1km, mb4.6/16, Error ellipse: s-maj=28.6km s-min=17.8km az=268.0

ISC 02 13:27:37.8-0.8, 34.6S: 0.1x109:3W, 0.2, h10km, n46, o093/27, mb4.6/11, MS3.9/13, Southern East Pacific Rise

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VA02 Isla de Pascua, LL07 Hotel Espejo d, LC01 Cunco, etc.

HEL 02 13:28:20.6-0.1, 67:19N:20:69E, h1km, ML2.5, ML2.9(U/P), Confirmed Induced event
NAO 02 13:28:20.4-0.7, 67:14N:20:97E, ML2.9
IDC 02 13:28:20.9-0.8, 67:12N:21:00E, h0km, mb1.3/5.5, mb1mx3.2/41, mbrmp3.5/5, ML2.8/5, Error ellipse: s-maj=14.0km s-min=7.2km az=111.0

BER 02 13:28:22.1-3.4, 67:11N:20:77E, h1km, ML2.4, ML2.9(NAO), Confirmed Induced event
ISC 02 13:28:18.6-0.7, 67:14N:02:20.75E:0.03, h0km, n48, o182/71, ID, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERTU Ertsjaerv, ERU Lakkautupa, RATU Kurva, etc.

2015 DEC

Main station list table for 2015 DEC with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOF Tornio, KIF Kilpisjarvi, KTK1 Kautokeino, etc.

ISK 02 13:48:40.5, 39:28N:39:08E, h4km, ML3.4/33
DDA 02 13:48:41.4, 39:29N:39:05E, h12km, 2km, MW3.7
ISC 02 13:48:41.4-1.1, 39:29N:02:39.99E:0.01, h4km, n10km, n65, c105/98, 8C-5D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERZN Erzincan, ERZN Tunceli-Merkez, TNCL, etc.

72

Main station list table for 72 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EMRE Erzurum, Aydintepe-Bayb, ELZG Elazig, etc.

IDC 02 14:03:04.5-1.7, 18:24S:178:07W, h638km, 19km, mb2.9/8, mb1.3/2.9, mb1mx3.0/27, mbrmp3.9/9, Error ellipse: s-maj=33.8km s-min=19.1km az=146.0

ISC 02 14:03:00.9-0.9, 18:1S:02:178.1W:0.2, h590km, n9, o117/10, mb3.6/7, Fiji Islands region

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

NEIC 02 14:03:32.0-0.6, 36:21N:0:02:97:55W:0:03, h6km, 5km, Error ellipse: s-maj=3.3km s-min=2.0km az=59.0
ANF 02 14:03:32.5-0.3, 36:23N:97:57W, h8km, 3km, ML3.0/4, Error ellipse: s-maj=3.5km s-min=2.1km az=4.0
TUL 02 14:03:33.0-0.5, 36:22N:0:02:97:55W:0:02, h6km, 2km,

ML2.7, mb_Lg2.4(10)(NEIC), Error ellipse: s-maj=3.1km s-min=2.2km az=50.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CROK, BLOK, OK031, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like STRU, TJOU, HYA, etc.

DNK 02 14:23:18.8-0.6,58.41N-6.44E, h6km,4km, ML1.7, Southern Norway

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

JMA 02 14:28:12.6-0.2,22.54N,121.60E, h0km, M3.4 TAP 02 14:28:12.1, 22.35N, 121.42E, h12km, ML3.0, C

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LDUT, LAY, TTN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SSSL, WDLH, OWD, etc.

TAP 02 14:30:51.0,24.19N,121.90E, h25km, ML1.9, D, Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ETL, ENA, NACB, etc.

2d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IRIF, JKRS, JIJ, JISG, JISG.

PRU 02 14:35:07.0,0.0,50.232N:18.98E,h0km
IDC 02 14:35:07.5,1.1,50.12N:19.03E,h0km,mb1 3.8/4,
mb1mx3.3/42,mb1mp3.7/4,ML2.8/5,Error ellipse:
s-maj=20.1km s-min=8.1km az=141.0

Main table for 2d 15h section, listing station codes (OJC, OJC, OKC, OKC, etc.), station names (Ojcow, Ostrava-Krasne, Moravsky Berou, etc.), and their respective coordinates and phases.

DJA 02 14:57:38.4,0.4,7.3'S:133.0E,h190km,9km,ML3/12,
mB4.8/6,mb4.5/7,MLV4.5/12,MW(M)B4.0/6
IDC 02 14:57:38.1,2.2,7.18S:129.81E,h131km,24km,mb3 1/3,
mb1 3/78,mb1mx3.3/40,mb1mp4.1/8,MS3.8/1,MS1 3/8/1,
ms1mx2.5/13,Error ellipse: s-maj=33.9km s-min=20.0km
az=92.0

ISC 02 14:57:38.7,0.8,7.31S:129.74E,0.06,h150km,n18,
az=275/22,mb3.2/3,Banda Sea

Table for 2d 15h section, listing station codes (SAUI, SAUI, AAI, etc.), station names (Saumlaki, Ambon, Masohi, etc.), and their respective coordinates and phases.

IDC 02 15:11:41.8,2.1,6.75S:128.86E,h0km,mb3.6/1,
mb1 3.4/3,mb1mx3.3/27,mb1mp3.3/3,ML3.2/2,Error
ellipse: s-maj=102.8km s-min=32.1km az=67.0,Banda
Sea

Table for 2d 15h section, listing station codes (FITZ, FITZ, WRA, etc.), station names (Fitzroy Crossi, Warramunga Arr, etc.), and their respective coordinates and phases.

25 DEC

MKAR Makanchi Array 67.40 327 P P 15 22 39.2 0.0
0.6nm,0.9s,baz=112,slow=8.0,SNR=4.6

SJA 02 15:13:48.2,0.7,19.66S:69.31W,h104km,3km,ML4.4,
MW4.1
IDC 02 15:13:49.4,0.7,19.57S:69.08W,h106km,5km,mb3.9/12,
mb1 4.1/15,mb1mx4.0/31,mb1mp4.3/15,MS3.0/2,
Ms1 2.9/2,ms1mx2.6/25,Error ellipse: s-maj=17.1km
s-min=15.4km az=69.0
GUC 02 15:13:49.5,0.6,19.67S:69.27W,h101km,2km,ML4.4
VAO 02 15:13:49.8,0.4,19.63S:69.07W,h101km,mb4.6
NEIC 02 15:13:49.8,0.1,19.67S:0.04:69.27W,0.6,h100km,2km,
mb4.3/11,ML4.4(GUC),Error ellipse: s-maj=8.0km
s-min=4.9km az=73.0

ISC 02 15:13:48.6,0.5,19.67S:0.03:69.29W,0.04,h101km,4km,
n183,s192/231,mb4.3/14,10C,Northern Chile

Main table for 25 DEC section, listing station codes (PB11, PB11, PB11, etc.), station names (IPOC Station P, IPOC Station P, etc.), and their respective coordinates and phases.

74

Main table for 74 section, listing station codes (PB15, PB15, PB15, etc.), station names (IPOC Station P, IPOC Station P, etc.), and their respective coordinates and phases.

2d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, L19K White Mountain, and ARCES ARCESS Array B.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AA1 Ambon, MSAI Masohi, and SWI Sorong.

2015 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RPN Rapa Nui, PLCA Paso Flores, and MEH Metelia.

JMA 02 17:16:11.0, 2.0, 1.23, 99N, 121.69E, h40km, 1km, M2.5
TAP 02 17:16:11.7, 2.4, 02N, 121.69E, h38km, ML3.4, B
ISC 02 17:16:11.7, 0.9, 2.4, 01N, 121.74E, h30km, 6km,
n104, r1905/189, 8D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HWA Hwalien, TWD Chiawan, and ETL Fush Village.

76

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SSLB Suanglung, ILA ilan, and WCS Beiang Elemen.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CHY Chiayi, WTCT Ta-cheng, LDUT Ludao, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MOS 02, NORS 02, DRS 02, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KTH Kantishna Hill, TRF Thorafore Moun, SML Sawmill, etc.

IDC 02 17:35:45.3±1.4, 27.87N-87.13E, h0km, mb3.7/7, mb1 3.8/8, mb1mx3.5/4.1, mbtmp3.6/6, ML3.8/1, Error ellipse: s-maj=60.3km s-min=19.1km az=62.0

DMN 02 17:35:51.0±0.0, 28.05N-87.41E, h60km, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 02 17:35:50.2±1.6, 28.10N-0.07-87.30E, 0.05, h27km, 13km, n21, c1954/33, mb3.5/7, 1D, Xiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TAPN Taplejung, ODAN Odare, GUN Gumba, etc.

IDC 02 18:35:32.0±13.0, 52.63N-174.86W, h144km, 124km, mb3.4/9, mb1 3.6/10, mb1mx3.1/5.1, mbtmp3.7/10, ML3.8/1, Error ellipse: s-maj=46.4km s-min=19.7km az=4.0

NEIC 02 18:35:39.3±1.5, 52.62N-174.58W, 0.07, h214km, 5km, mb4.3/50, ML3.4/17(AEIC), Error ellipse: s-maj=17.1km s-min=6.5km az=175.0

AEIC 02 18:35:40.2±3.7, 52.33N-174.50W, 0.1, h218km, 5km, mb3.4/9, mb1 3.6/10, mb1mx3.1/5.1, mbtmp3.7/10, ML3.8/1, Error ellipse: s-maj=20.9km s-min=5.5km az=61.0

ISC 02 18:35:38.3±0.7, 52.70N-174.54W, 0.07, h200km, n95, c1940/98, mb3.5/10, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KONE Korovin Northe, KOPF Korovin Flat P, ATKA Atka Island, etc.

IDC 02 18:51:14.2±8.9, 15.51S-177.41W, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/33, mbtmp3.4/3, Error ellipse: s-maj=387.1km s-min=42.1km az=143.0, Fiji Islands region

IDC 02 18:52:21.7±8.4, 19.75S-127.48E, h0km, mb3.4/2, mb1 3.5/4, mb1mx3.3/33, mbtmp3.4/3, ML3.1/2, Error ellipse: s-maj=136.2km s-min=32.2km az=132.0, Halmaheira

IDC 02 19:10:55.8±48.0, 23.24S-176.48W, h0km, mb4.0/3, mb1 4.1/3, mb1mx3.8/23, mbtmp4.0/3, Error ellipse: s-maj=888.3km s-min=172.3km az=87.0, South of Fiji Islands region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GKN Gorkha, DANN Dangsing, BOK Bokaro, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KONE Korovin Northe, KOPF Korovin Flat P, ATKA Atka Island, etc.

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

IDC 02 18:10:02.0±0.2, 4.95S-144.83E, h0km, mb3.5/4, mb1 3.8/6, mb1mx3.6/4.1, mbtmp3.6/6, ML3.6/1, Error ellipse: s-maj=49.5km s-min=26.3km az=80.0

ISC 02 18:10:08.6±1.6, 5.15S-102.1449E, 0.2, h54km, n6, c0949/7, mb3.6/4, New Guinea

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KONE Korovin Northe, KOPF Korovin Flat P, ATKA Atka Island, etc.

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

KAN17	Caldwell West	0.47	60	Pg	Pg	19 40 39.3	0.0
KAN08	Anthony NE Sta	0.48	31	Pg	Pg	19 40 39.5	0.0
KAN12	Harper NE Stat	0.53	25	Pg	Pg	19 40 40.4	-0.1
KAN01	Argonia Stat	0.54	50	Pg	Pg	19 40 40.5	0.0
KAN06	Argonia West S	0.55	37	Pg	Pg	19 40 40.1	-0.1
KAN06	Caldwell North	0.62	58	Pg	Pg	19 40 42.0	-0.1
KAN09	South Haven SW	0.67	72	Pg	Pg	19 40 49.3	-0.9
US2A	Winter Ranch,	0.73	234	Pg	Pg	19 40 44.0	-0.1
US2A	Winter Ranch,	0.73	234	Pg	Pg	19 40 44.0	-0.1
US2A	baz=59			S	Sg	19 40 54.1	+0.6
BLOK	Blackwell	0.85	93	Pg	Pg	19 40 46.3	-0.3
BLOK	Liberty Lake	1.21	147	Pg	Pg	19 40 52.7	-0.7
OK029	Bluff Creek, N	1.27	155	Pg	Pg	19 40 53.5	-1.4
OK033	Mehan	1.32	125	Pn	Pn	19 40 54.8	-0.8
QUOK	Quay	1.42	116	Pn	Pn	19 40 56.1	-0.7
T35A	Sooner Cattle	1.42	85	Pn	Pn	19 40 56.3	-0.6
T35B	Sooner Cattle	1.42	85	Pn	Pn	19 40 56.5	-0.4
T35B	baz=266			S	Sb	19 41 15.2	-0.6
OK031	S. Brethren Rd	1.44	126	Pn	Pn	19 40 56.8	-0.5
OK025	Westminster Rd	1.44	148	Pn	Pn	19 40 56.5	-0.7
OK030	Cody Creek RV	1.49	126	Pn	Pn	19 40 57.4	-0.5
OK034	N. Norfolk Rd.	1.49	122	Pn	Pn	19 40 57.5	-0.5
OKCFA	Oklahoma City	1.55	154	Pn	Pn	19 40 58.1	-0.6
OKCFA	Oklahoma City	1.55	154	Pn	Pn	19 40 58.5	-0.1
OKCFA	baz=335,SNR=8.3			S	Sb	19 41 19.6	+0.2
OKCFA	baz=335			S	Sb	19 40 58.2	-0.6
OKC35	OKLAHOMA CITY	1.56	154	Pn	Pn	19 40 60.0	-0.1
R32A	Long Quarter,	1.64	348	Pn	Pn	19 41 00.1	+0.1
R32A	Long Quarter,	1.64	348	Pn	Pn	19 41 00.1	+0.1
R32A	baz=168			S	Sb	19 41 22.2	-0.1
W35A	Tecumseh	2.01	145	Pn	Pn	19 41 04.6	-0.4
W35A	comp=Z,190nm,0.7s			IAMB_Lg	IAMB_Lg	19 41 37.7	
TUL1	Leonard	2.20	113	Pn	Pn	19 41 07.9	-0.3
TUL1	comp=Z,214nm,0.8s			IAMB_Lg	IAMB_Lg	19 41 39.3	
TUL1	Leonard	2.20	113	Pn	Pn	19 41 08.0	+0.4
TUL1	baz=295,SNR=36			S	Sb	19 41 38.5	+0.2
X34A	Smith Ranch, M	2.24	171	Pn	Pn	19 41 08.1	0.0
CBKS	Cedar Bluff	2.31	330	Pn	Pn	19 41 09.5	+0.3
CBKS	comp=Z,123nm,0.7s			IAMB_Lg	IAMB_Lg	19 41 42.3	
CBKS	Cedar Bluff	2.31	330	Pn	Pn	19 41 09.4	+0.3
CBKS	baz=150			S	Sn	19 41 39.0	+0.8
KSU1	Kansas State U	2.64	29	Pn	Pn	19 41 14.5	+0.8
KSU1	comp=Z,109nm,0.8s			IAMB_Lg	IAMB_Lg	19 41 57.8	
KSU1	Kansas State U	2.64	29	Pn	Pn	19 41 14.5	+0.8
KSU1	baz=210			S	Sn	19 41 47.0	+0.8
LOOK	Love County	2.95	162	Pn	Pn	19 41 17.5	-0.5
LOOK	comp=Z,96nm,0.8s			IAMB_Lg	IAMB_Lg	19 42 09.2	
US3A	Gravette	3.15	96	Pn	Pn	19 41 19.9	-0.9
US3A	comp=Z,94nm,0.8s			IAMB_Lg	IAMB_Lg	19 42 15.4	
US3A	Gravette	3.15	96	Pn	Pn	19 41 21.1	+0.3
US3A	baz=278,SNR=16			P	Pn	19 41 22.1	+0.2
X37A	Clayton	3.24	132	Pn	Pn	19 41 22.1	+0.2
X37A	comp=Z,106nm,1.1s			IAMB_Lg	IAMB_Lg	19 42 16.7	
X37A	Clayton	3.24	132	Pn	Pn	19 41 22.2	+0.2
X37A	baz=314,SNR=27			S	Sn	19 42 01.3	+0.2
AMTX	Amarillo	3.37	236	Pn	Pn	19 41 22.9	-0.9
AMTX	comp=Z,93nm,0.7s			IAMB_Lg	IAMB_Lg	19 42 21.9	
HHAR	Hobbs	3.53	97	Pn	Pn	19 41 26.1	+0.1
HHAR	comp=Z,67nm,0.7s			IAMB_Lg	IAMB_Lg	19 42 27.6	
Z35A	Perchaven, San	3.57	166	Pn	Pn	19 41 24.6	-2.0
Z35A	comp=Z,93nm,1.1s			IAMB_Lg	IAMB_Lg	19 42 32.6	
Z35A	Perchaven, San	3.57	166	S	Sn	19 42 10.1	+0.9
N33B	J Bar K, Exete	3.97	9	S	Sn	19 42 17.7	-1.4
N33A	J Bar K, Exete	3.97	9	S	Sn	19 41 31.3	-0.7
W39A	Magazine	3.98	113	Pn	Pn	19 41 31.7	-0.5
W39A	comp=Z,79nm,0.7s			IAMB_Lg	IAMB_Lg	19 42 45.7	
W39A	Magazine	3.98	113	Pn	Pn	19 41 32.4	+0.2
S39A	Bolivar	4.05	76	Pn	Pn	19 41 33.0	-0.1
S39A	baz=259,SNR=15			P	Pn	19 41 32.9	-0.1
KSC0	Kaye Shedlock	4.08	304	Pn	Pn	19 41 32.3	-1.4
ABTX	Ablene, Hawle	4.33	195	Pn	Pn	19 41 37.3	+0.4
ABTX	comp=Z,48nm,0.8s			IAMB_Lg	IAMB_Lg	19 42 48.6	
ABTX	Ablene, Hawle	4.33	195	Pn	Pn	19 41 36.6	-0.3
U40A	Yellville	4.39	94	Pn	Pn	19 41 37.4	-0.2
U40A	comp=Z,60nm,0.8s			IAMB_Lg	IAMB_Lg	19 42 48.2	
U40A	Yellville	4.39	94	Pn	Pn	19 41 37.5	-0.2
U40A	baz=278			P	Pn	19 41 37.5	-0.2
MIAR	Mount Ida	4.44	119	Pn	Pn	19 41 37.0	-1.5
MIAR	comp=Z,67nm,0.9s			IAMB_Lg	IAMB_Lg	19 42 52.8	
Z38A	Mt. Pleasant	4.46	142	Pn	Pn	19 41 38.1	-0.5
Z38A	comp=Z,66nm,0.8s			IAMB_Lg	IAMB_Lg	19 42 53.1	
N35A	Tabor	4.54	26	Pn	Pn	19 41 38.3	-1.4
BGNE	Belgrade	4.59	1	Pn	Pn	19 41 40.1	-0.4
BGNE	Belgrade	4.59	1	Pn	Pn	19 41 40.5	0.0
P38A	Dawn	4.67	52	Pn	Pn	19 41 41.4	-0.3
P38A	comp=Z,49nm,0.8s			IAMB_Lg	IAMB_Lg	19 43 10.8	
P38A	Dawn	4.67	52	Pn	Pn	19 41 41.8	+0.2
P38A	baz=234,SNR=9.2			P	Pn	19 41 43.7	0.0
MGMO	Mountain Grove	4.82	84	Pn	Pn	19 43 07.5	
MGMO	comp=Z,43nm,0.8s			IAMB_Lg	IAMB_Lg	19 43 07.5	
WHTX	Lake Whitney	4.86	172	Pn	Pn	19 41 44.0	-0.1
WHTX	comp=Z,43nm,0.8s			IAMB_Lg	IAMB_Lg	19 41 44.0	
T25A	Trinidad	4.92	276	Pn	Pn	19 41 44.0	-1.3
T25A	comp=Z,76nm,0.7s			IAMB_Lg	IAMB_Lg	19 43 08.5	
R40A	Maddies Statio	5.00	71	Pn	Pn	19 41 44.7	-1.4
R40A	comp=Z,43nm,0.8s			IAMB_Lg	IAMB_Lg	19 43 16.0	
X40A	Basin Creek Fa	5.00	116	Pn	Pn	19 41 45.8	-0.4
X40A	Basin Creek Fa	5.00	116	Pn	Pn	19 41 46.9	+0.7
X40A	baz=299,SNR=17			P	Pn	19 41 46.9	+0.7
FCAR	Ozark Folk Cen	5.05	99	Pn	Pn	19 41 46.8	0.0
OGNE	Ogallala	5.06	326	Pn	Pn	19 41 46.4	-0.7
OGNE	comp=Z,102nm,0.7s			IAMB_Lg	IAMB_Lg	19 43 11.7	
WHAR	Woolly Hollow	5.08	106	Pn	Pn	19 41 47.2	-0.1
WHAR	comp=Z,99nm,0.9s			IAMB_Lg	IAMB_Lg	19 43 18.9	
W41B	Gary Mavity, V	5.15	107	Pn	Pn	19 41 47.9	-0.3
W41B	baz=290			P	Pn	19 41 48.5	-0.5
237A	Washetta, Mont	5.21	156	Pn	Pn	19 41 48.2	-0.8
237A	Washetta, Mont	5.21	156	Pn	Pn	19 41 48.2	-0.8
WLAR	White Oak Lake	5.25	125	IAMB_Lg	IAMB_Lg	19 43 24.3	
N38A	Joes South For	5.59	43	Pn	Pn	19 41 53.7	-0.6
N38A	comp=Z,88nm,0.8s			IAMB_Lg	IAMB_Lg	19 43 38.8	

P40A	Paris	5.61	59	Pn	Pn	19 41 53.4	-1.0
CCM	Cathedral Cave	5.73	75	Pn	Pn	19 41 54.6	-1.6
CCM	comp=Z,37nm,0.7s			IAMB_Lg	IAMB_Lg	19 43 43.1	
SDCO	Great Sand Dun	5.84	281	Pn	Pn	19 41 54.8	-3.1
435B	comp=Z,59nm,0.8s			IAMB_Lg	IAMB_Lg	19 43 50.5	
HBAR	Harrisburg	6.29	99	Pn	Pn	19 43 54.4	
HBAR	comp=Z,61nm,0.7s			IAMB_Lg	IAMB_Lg	19 44 00.0	
PBMO	Poplar Bluff	6.30	88	IAMB_Lg	IAMB_Lg	19 44 00.0	
PBMO	comp=Z,67nm,0.9s			IAMB_Lg	IAMB_Lg	19 44 01.3	
FVM	French Village	6.36	77	IAMB_Lg	IAMB_Lg	19 44 01.3	
FVM	comp=Z,58nm,1.1s			IAMB_Lg	IAMB_Lg	19 44 00.4	
SCIA	State Center	6.42	36	IAMB_Lg	IAMB_Lg	19 44 00.4	
SCIA	comp=Z,55nm,0.8s			IAMB_Lg	IAMB_Lg	19 42 04.4	
JCT	Junction City	6.44	192	Pn	Pn	19 42 04.4	-1.6
ISCO	Idaho Springs	6.49	300	Pn	Pn	19 42 07.0	+0.1
SLM	Saint Louis	6.63	72	IAMB_Lg	IAMB_Lg	19 44 00.8	
SLM	comp=Z,51nm,0.9s			IAMB_Lg	IAMB_Lg	19 42 16.2	
ANMO	Albuquerque	6.90	257	Pn	Pn	19 42 16.2	+3.9
ANMO	comp=Z,0.2nm,0.3s, baz=92,slow=21,SNR=3.8			Pg	Pg	19 42 41.1	-1.3
ANMO	comp=Z,0.6nm,0.3s, baz=65,slow=16,SNR=6.7			Lg	Lg	19 44 04.3	
ANMO	comp=Z,1.1nm,0.3s, baz=353,slow=22,SNR=2.4			Pn	Pn	19 42 10.8	-3.2
ECSD	EROS Data Cent	7.03	10	Pn	Pn	19 44 27.7	
S44C	Carbondale	7.25	80	IAMB_Lg	IAMB_Lg	19 44 27.7	
S44C	comp=Z,55nm,0.9s			IAMB_Lg	IAMB_Lg	19 44 29.9	
SIUC	Southern Illin	7.28	80	IAMB_Lg	IAMB_Lg	19 44 29.9	
SIUC	comp=Z,42nm,0.8s			IAMB_Lg	IAMB_Lg	19 44 34.7	
W45A	Hickory Valley	7.55	100	IAMB_Lg	IAMB_Lg	19 44 34.7	
W45A	comp=Z,45nm,0.8s			IAMB_Lg	IAMB_Lg	19 44 20.6	
L40A	Meyer Farm, Va	7.57	44	Pn	Pn	19 44 39.8	
Q44A	Meyer Farm, Va	7.62	71	IAMB_Lg	IAMB_Lg	19 44 39.8	
Q44A	comp=Z,60nm,0.8s			IAMB_Lg	IAMB_Lg	19 44 43.4	
SUSD	Miller	7.64	356	IAMB_Lg	IAMB_Lg	19 44 43.4	
SUSD	comp=Z,39nm,0.8s			IAMB_Lg	IAMB_Lg	19 42 24.4	
MNTX	Comudas Mount	7.78	231	Pn	Pn	19 45 02.0	
I37A	Lemond, Waseca	8.10	26	IAMB_Lg	IAMB_Lg	19 45 02.0	
I37A	comp=Z,22nm,0.8s			IAMB_Lg	IAMB_Lg	19 45 04.9	
L42A	Oliver, Polo	8.44	49	IAMB_Lg	IAMB_Lg	19 45 04.9	
L42A	comp=Z,39nm,0.8s			IAMB_Lg	IAMB_Lg	19 42 34.5	
RSSD	Black Hills	8.52	331	Pn	Pn	19 45 08.4	
RSSD	comp=Z,24nm,0.8s			IAMB_Lg	IAMB_Lg	19 45 20.2	
K22A	Casper	8.62	315	IAMB_Lg	IAMB_Lg	19 45 20.2	
K22A	comp=Z,28nm,0.8s			IAMB_Lg	IAMB_Lg	19 42 35.7	
TX31	Lajitas Ar. Si	8.72	213	Pn	Pn	19 42 35.7	-1.6
TX32	Lajitas Array	8.72	213	Pn	Pn	19 42 35.8	-1.6
TXAR	Lajitas Array	8.72	213	Pn	Pn	19 42 37.0	-0.3
TXAR	comp=Z,0.3nm,0.3s, baz=39,slow=11,SNR=16			Pg	Pg	19 43 08.0	-9.2
TXAR	comp=Z,0.6nm,0.3s, baz=44,slow=12,SNR=6.5			Lg	Lg	19 45 03.1	
TXAR	comp=Z,1.7nm,0.3s, baz=30,slow=25,SNR=9.3			Pn	Pn	19 42 36.1	-1.3
TXAR	Lajitas Array	8.72	213	Pn	Pn	19 45 24.4	
121A	Cookes Peak D	8.92	444	IAMB_Lg	IAMB_Lg	19 45 24.4	
121A	comp=Z,23nm,1.2s			IAMB_Lg	IAMB_Lg	19 45 21.7	
F33A	5 Mile Ranch,	9.14	9	IAMB_Lg	IAMB_Lg	19 45 21.7	
F33A	comp=Z,19nm,0.9s			IAMB_Lg	IAMB_Lg	19 45 32.3	
I40A	Norwalk	9.17	37	IAMB_Lg	IAMB_Lg	19 45 32.3	
I40A	comp=Z,31nm,1.1s			IAMB_Lg	IAMB_Lg	19 46 02.6	
E28A	Huff	9.32	350	IAMB_Lg	IAMB_Lg	19 46 02.6	
E28A	comp=Z,31nm,1.0s			IAMB_Lg	IAMB_Lg	19 43 04.2	
PDAR	Pinedale Array	10.52	308	Pn	Pn	19 43 04.2	+2.1
PDAR	comp=Z,0.1nm,0.3s, baz=122,slow=16,SNR=1.5			Lg	Lg	19 46 02.2	
PDAR	comp=Z,0.7nm,0.3s, baz=140,slow=15,SNR=6.0			Pn	Pn	19 43 17.7	-1.3
TKL	Tuckaleechee C	11.77	91	Pn	Pn	19 43 17.7	

2d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BOOM, TKM2, BTLS, etc.

2015 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GEYT, GYA0B, CMB, etc.

82

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBZ, ULM, ZEI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like JAVC Velka Javorina, VRAC Vranov, BRTR Keskin Array B, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like X40A Basin Creek Fa, MOAQ Mont Orford, M54A Oil Creek Stat, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like YOTC Yotoco, Valle, SMRC Santa Marta, MACC Macarena, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ZALV Zalesovo Beam, BVAR Borovoy Array, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like OZB Butte Lake, BTB Butte Lake, SPLB Strathcona Par, etc.

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

IDC 02 20:52:10.8,0.5,5.55S,154.33E,h151km,6km,mb3.7/12, mb1.3/9.12,mb1mx3.5/4.1,mbtmp4.2/12,Error ellipse: s-maj=22.5km s-min=13.5km az=87.0

NEIC 02 20:52:11.0,2.8,5.55S,0.1x154.51E,0.1,1,h147km,7km, mb4.4/19,Error ellipse: s-maj=20.6km s-min=17.5km az=55.0

ISC 02 21:17:26.9,1.5,38.23N,0.05:142.15E,0.08,h46km,13km, n57, s1:07.68,mb4.0/11,2C-9D,Near east coast of eastern Honshu

ISC 02 20:52:10.7,0.6,5.52S,108.154,41E,0.09,h150km,n40, s178/41,mb4.2/18,Bougainville-Solomon Islands region

NEIC 02 21:03:11.0,1.4,43.76N,0.05:105.29W,0.06,h0km,2km, ML3.0/44,Error ellipse: s-maj=9.8km s-min=5.7km az=143.0

ISC 02 21:03:12.2,1.5,44.21N,105.88W,h0km,mb1 3.6/2, mb1mx3.2/4.3,mbtmp3.4/2,ML2.5/2,Error ellipse: s-maj=5.1km s-min=3.9km az=145.0

ISC 02 21:03:10.8,1.1,43.73N,0.06:105.32W,0.05,h0km,n35, mb1.5/15, Wyoming

IDC 02 21:04:46.5,3.5,5.55S,178.11W,h607km,33km, mb3.2/3,mb1 3.4/4,mb1mx2.9/34,mbtmp4.2/4, Error ellipse: s-maj=99.6km s-min=6.9km az=20.0,Fiji Islands region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PMG Port Moresby, CTAC Charters Tower, DZM Mont Dzumac, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like RSSD Black Hills, K22A Casper, RWWY Rawlins, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MJAR Matsuhiro Arr, MJAR Matsuhiro, MJAR Matsuhiro, etc.

PGC 02 20:53:06.4,0.4,49.05N,128.57W,h10km,MLSn3.0/22, MW3.6/22,192km Wsw of Gold R., Bc Vancouver Island, Canada Region, Vancouver Island region

IDC 02 21:04:46.5,3.5,5.55S,178.11W,h607km,33km, mb3.2/3,mb1 3.4/4,mb1mx2.9/34,mbtmp4.2/4, Error ellipse: s-maj=99.6km s-min=6.9km az=20.0,Fiji Islands region

ISC 02 21:19:33.2,1.1,11.60N,0.05:87.27W,0.06,h41km,11km, n131, s0:95/144,mb4.5/30,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KEMP NEPTUNE Canada, NC99 ODP889, NCB9 Eliza Dome, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MSVF Nonsavu, STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CRIN San Cristobal, CNCH Conchagua, CNCH Conchagua, etc.

ISC 02 21:17:27.2,2.8,38.37N,142.16E,h43km,22km,mb3.7/5, mb1 3.8/8,mb1mx3.3/7,mbtmp3.8/8,ML3.1/3,MS2.4/1, Ms1 2.4/1,ms1mx2.2/2.1,Error ellipse: s-maj=32.5km s-min=12.5km az=127.0

NEIC 02 21:17:27.5,1.9,38.28N,0.07:142.1E,0.1,h47km,10km, mb4.2/12,Error ellipse: s-maj=13.3km s-min=8.4km az=125.0

JMA 02 21:17:27.8,0.1,38.24N,142.00E,h58km,1km, M3.7, JMA Felt II J1.

2015 DEC

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC Res. Includes stations like SCLA, JTS, SNET, CA02, LAFE, COVE, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC Res. Includes stations like BDFB, YKA, BCAR, ELAR, ELSON, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC Res. Includes stations like ASAR, BURAR, NRHK, ENH, ULN, etc.

NEIC 02 21:28:56.3; 1.4, 34.395; 0.07; 109.1W; 0.2, h10km, 1km, mb4.6/1.9, Error ellipse: s-maj=28.9km s-min=12.6km

GCMT 02 21:28:57.3; 0.2, 34.595; 0.02; 109.09W; 0.01, h12km, MW4.9/113, Moment Tensor Solution, s17c18

ISC 02 21:28:59.0; 0.7, 34.45; 0.1; 109.33W; 0.1, h10km, n64, Nana, mb4.6/1.4, MS4.4/24, Southern East Pacific Rise

VAO 02 21:42:49.2; 0.6, 14.985; 72.33W, h135km, mb4.3

NEIC 02 21:42:50.4; 3.0, 14.965; 0.08; 71.98W; 0.09, h16km, 10km, mb4.1/8, Error ellipse: s-maj=1.40km s-min=1.0km

ISC 02 21:42:51.3; 0.6, 15.015; 0.06; 71.99W; 0.07, h124km, n75, s17c18, mb3.9/6.12, Southern Peru

Code Station Name Azimuth Elevation Phase ID Time Res ISC Res. Includes stations like AP01, AP01, AP01, etc.

Code Station Name Azimuth Elevation Phase ID Time Res ISC Res. Includes stations like PB12, PB12, PB12, etc.

Code Station Name Azimuth Elevation Phase ID Time Res ISC Res. Includes stations like LVC, LVC, LVC, etc.

Code Station Name Azimuth Elevation Phase ID Time Res ISC Res. Includes stations like ITTB, ITTB, ITTB, etc.

Code Station Name Azimuth Elevation Phase ID Time Res ISC Res. Includes stations like SNDB, SNDB, SNDB, etc.

Code Station Name Azimuth Elevation Phase ID Time Res ISC Res. Includes stations like TORO, TORO, TORO, etc.

GCMT 02 21:45:30.0; 0.3, 34.425; 0.04; 109.03W; 0.02, h18km, 1km, MW4.9/66, Moment Tensor Solution, s17c18

2d 22h

Table of astronomical observations for 2d 22h, listing objects like PSA00, KRJI, BKNI, WBO, etc., with their coordinates and magnitudes.

2015 DEC

Table of astronomical observations for 2015 DEC, listing objects like STKA, HTT, HTT, XAN, etc., with their coordinates and magnitudes.

Table of astronomical observations for 2015 DEC, listing objects like TKM2, UCH, LBK, AAK, etc., with their coordinates and magnitudes.

MW5.0/97, Moment Tensor Solution. $s_{12}, c_{13}; s_{97}, c_{125}$; Duration: 0. Moment tensor: Scale $10^{19}Nm$; $M_{rr}, M_{\theta\theta}, M_{\phi\phi}$; $M_{r\theta}, M_{r\phi}, M_{\theta\phi}$; $M_{\theta r}, M_{\theta\theta}, M_{\theta\phi}$; $M_{\phi r}, M_{\phi\theta}, M_{\phi\phi}$; Best double couple: $M_{33}, 8.45000 \times 10^{16}$ $NP1_{\theta\theta}, 1.81, 0.00000^{\circ}, 8.36, 0.00000^{\circ}, \lambda=76.00000^{\circ}$. NP2: $\theta_{334}, 0.00000^{\circ}, \delta_{55}, 0.00000^{\circ}, \lambda=100.00000^{\circ}$. Principal axes: T 3.6910, $Plg10.00000^{\circ}$, Azm81.00000 $^{\circ}$; P -3.9990, $Plg77.00000^{\circ}$, Azm220.00000 $^{\circ}$; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-tensor function

NEIC 02 23:27:06.0.2, 1.6, 34.440S, 0.105, 108.9W, 0.2, h10km, 1km, mb4.7/29 Error ellipse: s-maj=27.1km s-min=7.7km az=281.0

ISC 02 23:27:06.0.7, 34.3S, 0.11, 108.9W, 0.1, h10km, n54, $\theta_{19}, 145, mb4.7/20, MS4.2/29, Southern East Pacific Rise$

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
PLCA	Paso Flores	30.87	113	Op P	23 22 19.8	+2.4
PLCA	Paso Flores	1.9m, 0.3s, baz=294, slow=10.0, SNR=2.6				
BO02	Sierra Bellavi	31.24	102	I Amb P	23 22 18.8	-1.8
BO02	Sierra Bellavi	comp=Z, 1.70m, 18.6s, baz=293, slow=32				
MT09	Talagante	31.26	100	P	23 22 19.3	-1.6
MT09	Talagante	comp=Z, 1.5m, 1.2s				
ZON	Zonda	33.68	97	P	23 22 41.5	-0.6
ZON	Zonda	comp=Z, 1.3m, 1.1s				
LVC	Limon Verde	36.78	82	P	23 23 12.6	+3.4
LVC	Limon Verde	comp=Z, 2.2m, 0.5s, baz=242, slow=6.7, SNR=3.8				
LVC	Limon Verde	36.78	82	I Amb I Amb	23 23 08.9	-0.3
LVC	Limon Verde	comp=Z, 1.4m, 1.2s				
MAE	Nuku Hiva Isla	38.29	304	eLR	23 33 37.0	
MAE	Nuku Hiva Isla	comp=Z, 7.00m, 26.6s				
THEO	Mehetai	38.56	285	eLR	23 00 43.7	
THEO	Mehetai	comp=Z, 1.8m, 0.2s				
PPT2	Papeete2	39.92	284	eLR	23 34 14.4	
PPT2	Papeete2	comp=Z, 1.1m, 25.5s				
LPAZ	La Paz	40.63	74	P	23 23 44.3	+2.5
LPAZ	La Paz	comp=Z, 0.8m, 0.6s, baz=244, slow=9.2, SNR=2.2				
LPAZ	La Paz	40.63	74	P	23 23 42.0	+0.1
PMSA	Palmer Station	40.67	152	LR	23 36 04.3	
PMSA	Palmer Station	comp=Z, 2.68m, 18.2s, baz=294, slow=29				
IT0B	Itaqui	44.14	99	P	23 24 09.2	-0.4
CPUP	Villa Florida	44.79	94	P	23 24 14.5	-0.3
CPUP	Villa Florida	comp=Z, 1.5m, 1.4s				
PLR	Pedras Altas	45.91	103	P	23 24 24.2	+0.5
PLR	Pedras Altas	comp=Z, 2.26m, 18.1s, baz=172, slow=31				
PTLB	Pontes e Lacer	48.34	80	P	23 24 43.1	+0.4
AQDB	Aquidauana	48.66	88	P	23 24 43.7	-1.5
AQDB	Aquidauana	comp=Z, 0.8m, 1.0s				
SRBA	San Rafael, Bu	49.58	34	P	23 24 53.6	+1.2
SRBA	San Rafael, Bu	comp=Z, 9.0m, 1.3s				
JTS	Las Junias de	49.81	31	P	23 24 55.5	+1.5
TRCB	Terra Rica	50.14	92	P	23 24 56.5	+0.1
ROSC	El Rosal	50.75	47	P	23 24 59.8	-1.8
ROSC	El Rosal	comp=Z, 1.5m, 1.1s				
ZARC	Zaragoza, Catic	52.55	44	P	23 25 14.4	-0.2
MACA	Mataca	54.40	100	P	23 25 27.9	-0.4
QSPA	South Pole Qui	55.90	180	P	23 25 39.4	+0.7
QSPA	South Pole Qui	comp=Z, 3.4m, 1.1s, baz=114, slow=6.2, SNR=5.2				
QSPA	South Pole Qui	55.90	180	P	23 25 37.2	-1.4
VNDA	Vanda	56.66	195	P	23 25 44.1	+0.5
VNDA	Vanda	comp=Z, 2.3m, 1.1s, baz=90, slow=6.1, SNR=3.3				
AFI	Afiamau	60.01	273	LR	23 25 57.2	
AFI	Afiamau	comp=Z, 3.53m, 18.5s, baz=126, slow=30				
VNA3	Neumayer Olymp	60.79	129	P	23 26 11.8	-0.7
VNA1	Neumayer-Atat	61.44	158	P	23 26 15.3	-1.5
VNA2	Neumayer-Watz	61.60	159	P	23 26 17.3	-0.7
VNA2	Neumayer-Watz	baz=241, slow=5.6				
SNA4	Sanae	62.62	160	P	23 26 24.0	-0.9
SNA4	Sanae	62.62	160	P	23 26 24.2	-0.8
TXAR	Lajitas Array	63.48	5	P	23 26 30.6	-0.4
TXAR	Lajitas Array	comp=Z, 0.8m, 0.8s, baz=192, slow=8.7, SNR=2.7				
MSVF	Nonsavu	66.47	264	LR	23 49 15.2	
MSVF	Nonsavu	comp=Z, 1.73m, 21.3s, baz=138, slow=30				
PFO	Pinyon Flats 0	67.93	353	LR	23 49 42.2	
PFO	Pinyon Flats 0	comp=Z, 2.75m, 18.7s, baz=190, slow=30				
HHAR	Hobbs	71.58	13	P	23 27 21.8	-0.2
CCUT	Cedar City	71.60	356	P	23 27 23.3	+0.9
CCUT	Cedar City	comp=Z, 0.8m, 1.0s				
KAN16	Harper SW Stat	71.86	9	P	23 27 23.4	-0.3
KAN16	Harper SW Stat	comp=Z, 1.0m, 1.1s				
LHV	Little Huntoon	72.73	352	P	23 27 30.4	+1.6
LHV	Little Huntoon	comp=Z, 0.8m, 1.1s				
KVN	Kaiserville	73.48	352	P	23 27 33.6	+0.1
KVN	Kaiserville	comp=Z, 1.2m, 1.2s				
DZM	Mont Dzumac	73.72	254	eLR	23 49 48.7	
DZM	Mont Dzumac	comp=Z, 2.9m, 26.9s				
BMN	Battle Mountain	74.76	353	P	23 27 41.0	+0.1
BMN	Battle Mountain	comp=Z, 0.8m, 1.0s				
OS1A	Pesibles	76.69	20	P	23 27 50.2	-1.5
PD31	Pinedale Array	76.69	359	P	23 27 52.2	+0.2
PD31	Pinedale Array	comp=Z, 6.9m, 1.2s				
PDAR	Pinedale Array	76.69	359	P	23 27 51.2	-0.9
PDAR	Pinedale Array	comp=Z, 0.9s, baz=150, slow=5.4, SNR=7.0				
HLID	Hailey	77.65	356	P	23 27 56.7	-0.6
HLID	Hailey	comp=Z, 6.8m, 1.1s				
QLMT	Earthquake	78.79	358	P	23 28 03.6	-0.1
QLMT	McKenzie Canyo	78.83	357	P	23 28 03.8	-0.1
ENHR	Enshi	147.47	274	PKPdc	23 35 42.8	0.0
CMAR	Chiang Mai Arr	150.66	245	PKPdc	23 35 52.8	-0.8
CMAR	Chiang Mai Arr	comp=Z, 0.8m, 0.3s, baz=193, slow=1.3, SNR=12				
CHTO	Chiang Mai	150.87	245	PKPdc	23 35 49.5	+1.4
CHTO	Chiang Mai	comp=Z, 0.8m, 0.3s, baz=193, slow=1.3, SNR=12				

ISC 02 23:23:33.4.1, 3.34, 68S, 109.19W, h0km, mb3.9/6, mb1.4/26, mb1mx3.9/23, mbtm3.9/6, Error ellipse: s-maj=44.4km s-min=28.6km az=12.0

ISC 02 23:23:34.5.1, 5.347S, 0.33, 109.2W, 0.2, h10km, n8, $\theta_{67}, 3/8, mb4.0/6, Southern East Pacific Rise$

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
PLCA	Paso Flores	30.97	113	Op P	23 29 51.9	-0.1
PLCA	Paso Flores	2.5m, 1.1s, baz=17, slow=4.9, SNR=2.3				
ATAH	Atahualpa	39.47	63	P	23 31 05.0	-0.8
ATAH	Atahualpa	comp=Z, 0.6s, baz=79, slow=5.2, SNR=2.1				
LPAZ	La Paz	41.03	74	P	23 31 19.1	+0.2
LPAZ	La Paz	0.6m, 0.6s, baz=227, slow=19, SNR=1.9				
SIV	San Ignacio	46.85	79	P	23 32 05.9	+0.9
SIV	San Ignacio	3.2m, 0.9s, baz=234, slow=9.8, SNR=5.6				
NVAR	Mirra Array Bea	73.29	383	P	23 35 06.7	+0.6
NVAR	Mirra Array Bea	1.1m, 0.8s, baz=192, slow=1.1, SNR=4.2				
PDAR	Pinedale Array	77.13	360	P	23 35 28.5	+0.3
PDAR	Pinedale Array	0.4m, 0.7s, baz=177, slow=5.8, SNR=3.5				
CMAR	Chiang Mai Arr	150.20	245	PKPdc	23 43 27.2	+0.2
CMAR	Chiang Mai Arr	0.9m, 0.3s, baz=264, slow=5.7, SNR=6.0				
SONM	Songino Array	150.49	307	PKPdc	23 43 25.3	-0.9
SONM	Songino Array	0.8m, 0.8s, baz=137, slow=3.8, SNR=5.0				

ISC 02 23:27:06.6.39, 28N, 40.24E, h5km, ML5.5/53, MED_RC 02 23:27:06.0.2, 39.39N, 40.15E, h19km, MW5.5/36, Moment Tensor Solution. Body waves: s9, c13; Mantle waves: s36, c71; Duration: 1s2 Moment tensor: Scale $10^{17}Nm$; $M_{rr}, M_{\theta\theta}, M_{\phi\phi}$; $M_{r\theta}, M_{r\phi}, M_{\theta\phi}$; $M_{\theta r}, M_{\theta\theta}, M_{\theta\phi}$; $M_{\phi r}, M_{\phi\theta}, M_{\phi\phi}$; Best double couple: $M_{1}, 8.70000 \times 10^{17}$ $NP1_{\theta\theta}, 315, 0.00000^{\circ}, \delta_{61}, 0.00000^{\circ}, \lambda=154.00000^{\circ}$. NP2: $\theta_{33}, 212, 0.00000^{\circ}, \delta_{67}, 0.00000^{\circ}, \lambda=32.00000^{\circ}$. Principal axes: T 1.9400, $Plg4.00000^{\circ}$, Azm265.00000 $^{\circ}$; N -0.1500, $Plg52.00000^{\circ}$, Azm360.00000 $^{\circ}$; P -1.7900, $Plg38.00000^{\circ}$, Azm171.00000 $^{\circ}$; nsta1 refers to

body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=40s. DDA 02 23:27:07.1, 39.26N, 40.22E, h11km, 4km, MW5.3, IDC 02 23:27:08.0.0.3, 39.24N, 40.27E, h0km, mb4.9/36, mb1.5/50, mb1mx5.0/52, mbtm4.9/50, ML4.2/12, MS4.9/42, Ms1 4.9/42, ms1mx4.9/45, Error ellipse: s-maj=7.5km s-min=5.8km az=157.0

CFUSG 02 23:27:07.5, 39.23N, 40.26E, h5km, mb4.5/1, MD3.3/2, Eastern Turkey Maglype MSH 3.7 from 2 Stations

NEIC 02 23:27:08.8, 39.24N, 40.27E, h11km, Moment Tensor Solution. Moment tensor: Scale $10^{17}Nm$; $M_{rr}, M_{\theta\theta}, M_{\phi\phi}$; $M_{r\theta}, M_{r\phi}, M_{\theta\phi}$; $M_{\theta r}, M_{\theta\theta}, M_{\theta\phi}$; $M_{\phi r}, M_{\phi\theta}, M_{\phi\phi}$; Best double couple: $M_{1}, 1.70000 \times 10^{17}$ $NP1_{\theta\theta}, 216, 7.00000^{\circ}, \delta_{72}, 5.00000^{\circ}, \lambda=62.00000^{\circ}$. NP2: $\theta_{33}, 308, 4.00000^{\circ}, \delta_{84}, 6.40000^{\circ}, \lambda=162.45000^{\circ}$. Principal axes: T 1.2084, $Plg8.00000^{\circ}$, Azm81.00000 $^{\circ}$; N -0.0759, $Plg72.00000^{\circ}$, Azm325.00000 $^{\circ}$; P -1.1325, $Plg16.00000^{\circ}$, Azm174.00000 $^{\circ}$.

BGR 02 23:27:08.2.0.0, 38.58N, 40.06E, h10km, mb5.4, Ms4.7, MOS 02 23:27:08.7.1.1, 39.28N, 40.26E, h18km, mb5.3/33, MS4.8/50, Error ellipse: s-maj=3.5km s-min=2.8km az=101.6

DSN 02 23:27:09.8.0.9, 39.20N, 40.34E, h5km, mb5.8/21, Error ellipse: s-maj=14.4km s-min=7.7km az=108.0

NEIC 02 23:27:09.9.1.4, 39.28N, 0.104, 40.26E, h10km, 1km, mb5.5/285, Ms 20.5, 1/101, Mw5.3/19, Mw5.4/12, ML5.5(SK), Error ellipse: s-maj=6.5km s-min=5.9km az=16.0

GCMT 02 23:27:09.9.0.1, 39.27N, 0.01, 40.13E, 0.01, h21km, MW5.4/139, Moment Tensor Solution. s99, c160; s139, c289; Duration: 1s3 Moment tensor: Scale $10^{17}Nm$; $M_{rr}, M_{\theta\theta}, M_{\phi\phi}$; $M_{r\theta}, M_{r\phi}, M_{\theta\phi}$; $M_{\theta r}, M_{\theta\theta}, M_{\theta\phi}$; $M_{\phi r}, M_{\phi\theta}, M_{\phi\phi}$; Best double couple: $M_{1}, 8.03000 \times 10^{17}$ $NP1_{\theta\theta}, 317, 0.00000^{\circ}, \delta_{68}, 0.00000^{\circ}, \lambda=157.00000^{\circ}$. NP2: $\theta_{33}, 218, 0.00000^{\circ}, \delta_{69}, 0.00000^{\circ}, \lambda=34.00000^{\circ}$. Principal axes: T 1.8980, $Plg1.00000^{\circ}$, Azm267.00000 $^{\circ}$; N -0.1920, $Plg59.00000^{\circ}$, Azm135.00000 $^{\circ}$; P -1.7090, $Plg31.00000^{\circ}$, Azm177.00000 $^{\circ}$; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-tensor function

NEIC 02 23:27:14.38, 39.2N, 40.52E, h10km, Moment Tensor Solution. Duration: 10s0 Moment tensor: Scale $10^{17}Nm$; $M_{rr}, M_{\theta\theta}, M_{\phi\phi}$; $M_{r\theta}, M_{r\phi}, M_{\theta\phi}$; $M_{\theta r}, M_{\theta\theta}, M_{\theta\phi}$; $M_{\phi r}, M_{\phi\theta}, M_{\phi\phi}$; Best double couple: $M_{1}, 7.00000 \times 10^{17}$ $NP1_{\theta\theta}, 364, 0.00000^{\circ}, \delta_{69}, 0.00000^{\circ}, \lambda=24.00000^{\circ}$. NP2: $\theta_{33}, 208, 0.00000^{\circ}, \delta_{72}, 0.00000^{\circ}, \lambda=27.00000^{\circ}$. Principal axes: T 1.9165, $Plg27.00000^{\circ}$, Azm73.00000 $^{\circ}$; N -0.3562, $Plg61.00000^{\circ}$, Azm228.00000 $^{\circ}$; P -1.5603, $Plg10.00000^{\circ}$, Azm337.00000 $^{\circ}$.

ISC 02 23:27:08.5.0.5, 39.26N, 0.01, 40.25E, 0.01, h3km, 2km, n1651, $\theta_{145}, 1765, mb5.4/35, MS5.0/129, 272C-21D$, Fault plane solution: $NP1_{\theta\theta}, 241, 15634^{\circ}, \delta_{88}, 11465^{\circ}, \lambda=37.19964^{\circ}$. NP2: $\theta_{33}, 332, 58682^{\circ}, \delta_{52}, 82390^{\circ}, \lambda=177.63355^{\circ}$. Principal axes: T $Plg23.82996^{\circ}$, Azm293.1518 $^{\circ}$; N $Plg52.7595^{\circ}$, Azm58.6745 $^{\circ}$; P $Plg26.7786^{\circ}$, Azm190.2726 $^{\circ}$; Fault plane solution: $NP1_{\theta\theta}, 214, 01476^{\circ}, \delta_{76}, 93720^{\circ}, \lambda=8.44221^{\circ}$. NP2: $\theta_{33}, 305, 93607^{\circ}, \delta_{81}, 77778^{\circ}, \lambda=166.79909^{\circ}$. Principal axes: T $Plg3.3649^{\circ}$, Azm79.5354 $^{\circ}$

2d 23h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like DIKM, KARA, NIGDE, YAYL, etc.

2015 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like HARR, HARR, CFR, CFR, EZN, etc.

92

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BELG, BELG, THL, THL, KLV, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TASHKENT, WATTENBERG, WALTERALM, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KABUL, BATKEN, JALAN BANI BUH, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ALA-ARCHA, DIBJEL ABABSA, SOGINDIY, etc.

3d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UCH, MRKS, MKRS, KK09, etc.

THE 03:00:14:53.8, 38.47N:20:56E, h6km, 1km, ML2.5/3, Error ellipse: s-maj=1.1km s-min=0.4km az=261.0

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

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

2015 DEC

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

PDG 03:00:16:02.1±0.2, 42.35N:18.67E, h8km, MD2.5/3, ML2.6/13, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

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

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

BCI bazz=90 S Sn 00 16 36.7 -2.0

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

100

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

IDC 03:00:21:06.2±0.8, 34.35S:109.45W, h0km, mb4.4/11, mb1.45/11, mb1mx4.3/26, mbtmp4.4/11, Error ellipse: s-maj=2.6km s-min=2.5km az=140.0

ISC 03:00:21:07.6±0.5, 34.43S:101.109±2W:0.1, h10km, n112, c0891/112, mb4.8/42, 2D, Southern East Pacific Rise

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, Res ISC. Includes stations like TPW Tonopah, SWET Sewanee, LHV Little Hootoon, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, Res ISC. Includes stations like LL04 Puerto Octay, LL02 Futaleufu, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, Res ISC. Includes stations like BO02 Talagante, MT09 Talagante, MT05 Renca, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, Res ISC. Includes stations like BDFB Brasilia, BDFB Brasilia, ITTB Itaituba, etc.

ADC 03 00:23:52.5, 0.7, 34.565: 109.32W, h0km, mb4.4/11, mb1.4/3/11, mb1mx4.4/24, mb1mx4.4/11, MS4.6/12, MS1.4.6/12, ms1mx4.4/19, Error ellipse: s-maj=23.9km s-min=20.1km az=178.0

NEIC 03 00:23:55.7, 1.1, 34.55: 0.1: 109.2W, 0.2, h10km, 1km, mb5.0/119, Error ellipse: s-maj=23.6km s-min=18.8km az=281.0

GGMT 03 00:23:57.0, 0.2, 34.695: 0.02: 109.17W, 0.01, h12km, MW5.1/106, Moment Tensor Solution. s54, c71; s106 c169; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=2.57; 1.6; Mw=2.11; 1.5; Mw=4.68; 1.2; Mw=2.24; 4.4; Mw=3.72; 1.2; Mw=0.14; 3.6; Best double couple: Mw=5.95000; 10.16; NP=16.00000; 3.69 00000; 1.24 00000; NP2=118.00000; 3.70 00000; 1.147.00000; Principal axes: T 6.4450, P1g7.0000; Azm245.0000; N -1.1740, P1g52.0000; Azm146.0000; P -5.2720, P1g37.0000; Azm340.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Trail Mountain, Saluda, Syowa Base, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Fray Jorge, Catapilco, San Esteban, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Lajitas Array, Pinedale Array, Songo Array, etc.

SJA 03:00:25:16.6:0.7,31:63S:72:18W,h40km,13km,ML3.6,MW4.0
ISC 03:00:25:17.8:0.8,31:65S:71:97W,h39km,3km,ML3.6
NEIC 03:00:25:19.3:0.6,31:62S:70:72:0W:0.1,h34km,9km,mb4.2/3,ML3.6(GUC),Error ellipse: s-maj=17.4km

IDC 03 01:24:05.8.0.0.33:89S:110:72W,h0km,mb3.8/2, mb0 4.3/2, mb1mx3.9/2, mb2mtmp3.9/2, MS4.0/2, Ms1 4.0/2, ms1mx3.3/2, Error ellipse: s-maj=530.2km s-min=49.5km az=114.0

NEIC 03 01:24:06.2.1.4.34:2S:0:03:109:0W:0.2,h10km,1km, mb4.8/26, Error ellipse: s-maj=30.5km s-min=5.3km az=271.0

ISC 03 01:24:05.0.0.9.34:3S:0:1x109:1W:0.2,h10km,n39, c0579/36,mb4.8/16,MS4.0/3,Southern East Pacific Rise

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

NEIC 03 01:28:39.2.0.0.34:2S:0:2:109:0W:0.3,h10km,1km, mb4.7/11, Error ellipse: s-maj=44.8km s-min=9.6km az=230.0

IDC 03 01:28:40.7.0.0.33:91S:109:93W,h0km,mb3.9/1, mb1 4.3/1, mb1mx3.7/23, mb2mtmp3.9/1, MS3.9/12, Ms1 3.9/12, ms1mx3.7/27, Error ellipse: s-maj=608.8km s-min=61.7km az=111.0

ISC 03 01:28:39.4.0.9.34:2S:0:2x108:9W:0.3,h10km,n35, c1870/20,mb4.7/8,MS3.9/15,1C,Southern East Pacific Rise

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

comp=Z,12nm,1.4s MCMT McKenzie Canyon 78.71 357 P P 01 40 41.9 0.0 WBO Warramunga Arr 99.36 239 P P 01 42 22.1 -0.3 SONM Songoing Array 150.34 308 PKPbc PKIKP 01 48 31.4 +0.2 CMAR Chiang Mai Arr 150.65 245 PKPbc PKIKP 01 48 33.2 -0.2

JMA 03 01:37:45.1.0.1.24:80N:121:77E,h78km,2km,M3.8 NEIC 03 01:37:46.2.1.1.24:77N:0:04:121:83E:0.04,h72km,6km, mb4.0/8,ML4.5(TAP), Error ellipse: s-maj=5.6km s-min=5.4km az=210.0

IDC 03 01:37:46.4.1.0.24:77N:121:89E,h80km,9km,mb3.5/7, mb1 3.7/8, mb1mx3.4/35, mb2mtmp3.9/8, MS3.5/2, Ms1 3.5/2, ms1mx2.7/38, Error ellipse: s-maj=25.7km s-min=16.0km az=65.0

TAP 03 01:37:46.1.24:79N:121:81E,h71km,ML4.4,B ISC 03 01:37:46.5.0.6.24:83N:0:03:121:82E:0.02,h76km,3km, n146,c08:83/233,mb3.9/9,33C-4D,Taiwan

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like EDH Donghe, WTP Ta-pu, HATJ Hatruma jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like northern Sumatera, TPTI TPTI, KCSI Kotacane, etc.

Table with columns: LZH, LR, LR. Includes stations like LZH comp=N,340nm,13.4s, LZH comp=E,510nm,13.6s, etc.

IDC 03:01:40:06:0.8,2,33:165x112:77W,h0km,mb3.6,2, mb1 4.1/2,mb1mx3.6/24,mbtmp3.6/2,MS3.8/4,MS1 3.8/4, ms1mx3.4/19, Error ellipse: s-maj=514.5km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NNA Nana, LPAZ La Paz, etc.

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

Table with columns: LZH, LR, LR. Includes stations like LZH comp=N,340nm,13.4s, LZH comp=E,510nm,13.6s, etc.

KLM 03:01:48:14.2,68N:95.52E,h10km,mb4.9, NEIC 03:01:48:16.9,1.3,2.76N:0.04:95.69E:0.09,h28km,5km, mb4.8/46, Error ellipse: s-maj=13.3km s-min=2.9km az=68.0

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

Table with columns: LZH, LR, LR. Includes stations like LZH comp=N,340nm,13.4s, LZH comp=E,510nm,13.6s, etc.

Table with columns: STKA, Stephens Creek, 55.51 132, P, P, 01 57 49.1 +0.0, etc. Includes various station codes and coordinates.

Table with columns: WRA, Warramunga Arr, 15.41 155, P, P, 01 59 05.3 +0.1, etc. Includes various station codes and coordinates.

Table with columns: LCH, Last Change Rd, 1.95 134, P, Pn, 02 12 10.2 -0.3, etc. Includes various station codes and coordinates.

Table with columns: IDC 03 01:55:44.6, 2.599S, 127.44E, h318km, 73km, mb2.9/2, etc.

Table with columns: POCCA, Poleta Canyon, 1.53 144, P, P, 02 12 05.1 -0.5, etc.

Table with columns: MDOK, Medeo, 4.79 291, P, P, 02 20 27.9 -2.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Tian-Shan, TNS5, TNS6, etc.

IDC 03 02:20:47.0, 2.7, 9.81N, 124.00E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.4/46, mbtmp3.6/4, MS3.0/1, Ms1 3.0/1, ms1mx2.5/35, Error ellipse: s-maj=286.8km s-min=22.9km az=62.0

MAN 03 02:20:49.7, 9.74N, 123.67E, h8km, mb4.7, ML3.6, MS3.5, ISC 03 02:20:49.7, 1.0, 9.74N, 0.03, 123.63E, 0.03, h12km, 7km, n16, c1812/24, mb3.6/4, 8C-3D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Tagbilaran, Sibulan, Lapu-Lapu, etc.

IDC 03 02:36:51.1, 0.8, 5.46N, 121.83E, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.4/33, mbtmp3.7/3, Error ellipse: s-maj=248.8km s-min=25.8km az=62.0, Celebes Se

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 03 02:48:01.8, 76.0, 22.05S, 177.83E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.4/33, mbtmp3.7/3, Error ellipse: s-maj=1335.0km s-min=163.9km az=83.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

TUL 03 02:55:07.1, 0.8, 36.83N, 102.98E, h0km, 7km, ML2.5, mb, LQ2.2/12(NEIC), Error ellipse: s-maj=5.7km s-min=2.7km az=69.0

NEIC 03 02:55:06.9, 0.6, 36.82N, 102.98E, h0km, 7km, Error ellipse: s-maj=6.1km s-min=1.6km az=69.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Salt Plains WL, Manchester OK, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Harper SW Stat, Bluff City Nor, Anthony NE Sta, etc.

IDC 03 02:59:07.0, 2.2, 30.05N, 51.12E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.5/41, mbtmp3.8/6, MS3.6/1, Ms1 3.6/1, ms1mx2.6/28, Error ellipse: s-maj=50.5km s-min=26.1km az=158.0

TEH 03 02:59:09.1, 29.95N, 51.40E, h8km, ML3.5, DSN 03 02:59:11.9, 2.5, 29.63N, 51.33E, h15km, ML3.6/9, Error ellipse: s-maj=20.8km s-min=6.6km az=9.0

THR 03 02:59:14.0, 1.7, 0.6, 29.90N, 51.35E, h34km, 9km, ML3.4, OMAN 03 02:59:14.0, 1.8, 29.43N, 51.37E, h10km, mb4.9/11, mH4, 1/2, Error ellipse: s-maj=19.0km s-min=12.8km az=153.0

ISC 03 02:58:08.9, 0.6, 29.87N, 0.04, 51.33E, 0.04, h15km, n104, c296/118, mb4.1/13, ID, Southern IR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Kazerun, AHRAM, SHI, etc.

IDC 03 03:02:32.0, 0.5, 34.56S, 109.38W, h0km, mb4.6/16, mb1 4.7/17, mb1mx4.6/35, mbtmp4.6/17, ML4.2/1, MS4.6/13, Ms1 4.6/13, ms1mx4.5/16, Error ellipse: s-maj=18.6km s-min=15.4km az=147.0

MOS 03 03:02:32.7, 0.9, 34.53S, 109.24W, h10km, mb5.2/28, Error ellipse: s-maj=15.6km s-min=9.4km az=80.7

NEIC 03 03:02:34.5, 1.2, 34.57S, 109.10W, h10km, 1km, mb5.2/270, Error ellipse: s-maj=24.7km s-min=15.9km az=271.0

GCMT 03 03:02:38.5, 0.1, 34.58S, 0.01, 109.17W, 0.01, h12km, MMSV2/134, Moment Tensor Solution, s98, c155, s134, c233, Duration: 190, Moment tensor: Scale 1073, Mw=0.33, Mw-0.33, 0.1, Mw-0.43, 0.1, Mw-0.78, 0.1, Mw-0.07, 0.4, Mw-0.64, 0.1, Mw-0.22, 0.4, Best double couple: Mo:0.9140000, NP2:1.1130000, 870.00000, lambda-170.00000, NP2:19.00000, 871.00000, lambda-20.00000, Principal axes: T 1.0590, Plg7.0000, Azm67.0000, N -0.2910, Plg68.0000, Azm176.0000, P -0.7680, Plg20.0000, Azm334.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 03 03:02:34.5, 0.3, 34.60S, 0.07, 109.27W, 0.07, h10km, n528, c190/454, mb5.2/152, MS4.8/19, 6C-15D, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Isla de Pascua, Rapa Nui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Razeghan, SHME Shamim, SHME Sila, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Rows include stations like Isla de Pascua, Rapa Nui, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like PB15 IPOC Station P, PB06 IPOC Station P, PATCX Punta Patacho, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like VVDA Vanda, IPMB Ipanerri, NPGB Novo Progresso, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like PFO comp=Z,24nm,1.1s, MURC Murrieta, Y14A Wickenburg, etc.

3d 3h

Table with columns: KNB, comp, Z, 20nm, 1.2s, 71.33, 357, P, P, I/Amb, 03 13 54.0, -0.4, 03 13 56.4, etc.

2015 DEC

Table with columns: TZTN, Tazewell, 74.73, 21, I/Amb, I/Amb, 03 14 21.4, TZTN, Tazewell, 74.73, 21, P, P, 03 14 14.0, -0.3, etc.

110

Table with columns: SCHQ, Schefferville, 96.25, 23, LR, LR, 03 53 55.7, ASAR, Alice Springs, 96.65, 23, P, P, 03 16 03.9, -1.4, etc.

3d 4h

Table of station data for 3d 4h, including columns for station name, coordinates, and various parameters like SNR and phase ID.

2015 DEC

Main table of station data for 2015 DEC, including station names, coordinates, and parameters. Includes sub-sections for INET, GCMT, IDC, and NEIC.

112

Table of station data for 112, including station names, coordinates, and parameters. Includes sub-sections for RSPR and NEIC.

2015 DEC

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZAAO Zalesovo Array, ZAAO Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KOSA Summer Lake, M19K Big River Lodg, L19K White Mountain, etc.

JMA 03 07:31:49.6:0.2, 37.68N x 135.87E, h11 km, 2 km, M4.0, Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JHG Hegura jima, JHH Hakui, JSZ Suzu, etc.

NNC 03 07:40:02.3:2.2, 53.69N-87.06E, h0km, mb2.9, mpv2.8, Error ellipse: s-maj=19.0km s-min=9.3km az=41.0, Suspected Mining explosion.

ISC 03 07:40:05.0:2.4, 53.72N-86.90E, h0km, mb1 3.0/2, mb1mx2.9/3.6, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=22.1km s-min=12.5km az=73.0

ISC 03 07:39:59.8:2.7, 52.96N-102.06E, h0km, n8, s116°9', 6C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

RSPR 03 07:47:50.7, 19.61N-65.30W, h81km, 16km, MD3.4/6, NEIC 03 07:47:54.6:1.0, 19.31N-65.40W, h53km, 43km, Error ellipse: s-maj=15.6km s-min=4.5km az=153.0

ISC 03 07:47:49.6:2.8, 19.59N-65.33W, h0km, n22, s054°2', 6C, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like STVI Saint Thomas, STVI Saint Thomas, CUPR Culebra, etc.

JMA 03 07:52:33.1:0.3, 44.19N-148.15E, h0km, M3.6, SKHL 03 07:52:34.5:0.4, 44.50N-148.40E, h51km, 4km, mb4.3/2, ISC 03 07:52:32.4:3.2, 44.44N-148.38E, h0km, n12,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR 180nm.0.4s, KUR 840nm.0.3s, etc.

NOU 03 07:57:33.6, 15.659S-167.63E, h98km, MLV4.0/8, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, DVP Devils Plateau, YATN Mamie plateau, etc.

ISC 03 07:59:34.6:1.2, 37.13N-135.08E, h373km, 21km, mb2.9/1, mb1 3.0/5, mb1mx2.5/4.7, mbtmp3.6/5, Error ellipse: s-maj=30.6km s-min=26.8km az=35.0

JMA 03 07:59:34.7:0.1, 37.06N-135.13E, h370km, M3.3, ISC 03 07:59:34.5:1.1, 37.17N-135.10E, h372km, n9,

s043°9', Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JWT Wachi, MJAR Matushiro Arr, JSD Sado, etc.

INET 03 08:09:20.2, 11.95N-88.07W, h15km, MW3.7, SNET 03 08:09:15.7:1.4, 11.74N-87.94W, h10km, 137km, ML3.4, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LCND La Caada, ALJI Alcalda de J, ALJI Alcalda de S, etc.

SOME 03 08:12:41.2, 44.67N-82.22E, h15km, NNC 03 08:12:43.3:2.2, 44.71N-82.10E, h0km, mb3.1, mpv3.0, Error ellipse: s-maj=26.2km s-min=6.6km az=120.0

ISC 03 08:12:41.2:1.3, 44.66N-82.30E, h10km, n15, s080°25', 5C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DJR Jarkent, DJR 6.0nm.0.1s, DJR 5.1nm.0.3s, etc.

Table with columns: SATY, ZSN, ZSN, Lg, Lg, Time, Res, ISC. Includes stations like ZSN Zaisan, ZSN 2.0nm.0.2s, etc.

ISC 03 08:24:03.2:0.7, 31.25N-141.90E, h0km, mb3.9/13, mb1 4.1/17, mb1mx3.8/5.0, mbtmp3.9/17, ML3.5/4, MS3.6/3, Ms1 3.6/3, ms1mx3.0/4.5, Error ellipse: s-maj=22.9km s-min=14.5km az=68.0

NIED 03 08:24:04.6, 31.54N-142.17E, h16km, MW4.0, Moment tensor Solution, s3 Moment tensor: Scale: 10^15Nm, M1:2.7, M2:0.12, M3:1.5, M4:0.05, M5:0.09, M6:0.06, Fault plane solution: M1:2.100x0.10^15 NP1: 0.353, 0.0000; 0.846, 0.0000; 0.87, 0.0000. NP2: 0.177, 0.0000; 0.844, 0.0000; 0.93, 0.0000.

JMA 03 08:24:04.7:0.4, 31.54N-142.17E, h16km, M4.3, NEIC 03 08:24:07.6:1.6, 31.30N-142.07E, h26km, 5km, mb4.3/10, Error ellipse: s-maj=17.2km s-min=6.9km az=60.0

ISC 03 08:24:07.5:0.6, 31.31N-142.06E, h141.95E, 0.10, h29km, n41, s137°42', mb4.2/17, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JHJ2 Mitsune, JHJ3 Mitsune, JHJ Hachijo jima, etc.

ISC 03 08:24:12.7:3.8, 3.88S-102.62E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.3/4.9, mbtmp3.7/6, MS3.0/2, Ms1 3.0/2, ms1mx2.5/4.3, Error ellipse: s-maj=161.9km s-min=20.1km az=55.0

DJA 03 08:24:15.8:0.9, 4.3S-102.2E, h27km, 10km, M3.9/11, MLV3.9/11

ISC 03 08:24:15.9:1.0, 4.38S-102.01E, h0km, n23, s194°17', mb3.8/6, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KSI Kapahiang, MASI Maura Aman, Be, MASI Lahat, etc.

ISC 03 08:32:40.5:0.5, 29.71S-71.52W, h0km, mb4.7/15, mb1 4.7/20, mb1mx4.7/23, mbtmp4.6/20, ML4.3/5, MS4.0/10,

Ms 1.4 0.10, ms1mx3.8/20, Error ellipse: s-maj=19.6km
 s-min=13.4km az=86.0
 SJA 03 08:32:44.5-0.6, 29:84.5:71.71W, h31km, 3km, ML5.0,
 MW4.8
 NEIC 03 08:32:45.8, 29:73.5:71.69W, h37km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁵Nm; Mr:6.33;
 Mw:0.19; Ms:6.52; Mo:0.80; Mw:1.73; Mw:1.86; Fault
 plane solution: M:6.96000*10¹⁵ Np1.0s190.36000*,
 s36.73000*, l84.87000*. NP2:Ms 16.75000*, s53.44000*,
 l93.82000*. Principal axes: T 6.6409, P1g1.0000*,
 Azm304.0000*, N 0.5923, P1g3.0000*, Azm194.0000*,
 P 7.2332, P1g8.0000*, Azm104.0000*
 GUC 03 08:32:45.8-0.5, 29:84.5:71.54W, h48km, 2km, ML5.1
 NEIC 03 08:32:46.1-0.9, 29:89.5:71.67W, l0.05, h35km, 3km,
 mb5.1/92, Mw1.4/54, ML5.1(GUC), Error ellipse:
 s-maj=7.7km s-min=5.3km az=137.0
 BUJ 03 08:32:46.5-0.0, 29:80.5:71.70W, h33km, Ms5.4/2,
 Ms7.5/3/3
 VAO 03 08:32:47.1-0.8, 29:58.5:71.51W, h34km, mb4.7
 ISC 03 08:32:45.1-1.0, 29:89.5:0.03:71.77W, l0.05, h30km, 6km,
 n41.0, s15.1/44.1, mb5.1/59, MS4.1/8, 1C-5D, Near coast of
 central Chile

Code	Station Name	Δ ¹	AZ ¹	Phase ID	Time Res	ISC	h	m	s	ISC	Res
CO05	La Serena	0.51	116	Pb	08 32 55.2	-0.5					
CO05	La Serena	0.51	116	Pb	08 33 01.8	-1.2					
CO05	La Serena	0.51	116	Pb	08 33 13.2	-2.5					
CO05	La Serena	0.51	116	Pb	08 33 18.2						
CO05	La Serena	0.51	116	Pb	08 33 02.0	-0.8					
CO05	La Serena	0.51	116	Pb	08 33 03.4	-0.1					
CO05	La Serena	0.51	116	Pb	08 33 14.5	-1.2					
CO05	La Serena	0.51	116	Pb	08 33 02.4	-0.5					
CO05	La Serena	0.51	116	Pb	08 33 05.4	-0.1					
CO05	La Serena	0.51	116	Pb	08 33 05.8	+0.4					
CO05	La Serena	0.51	116	Pb	08 33 17.9	-2.4					
CO05	La Serena	0.51	116	Pb	08 33 12.0	+0.6					
CO05	La Serena	0.51	116	Pb	08 33 32.6	+1.5					
CO05	La Serena	0.51	116	Pb	08 33 12.1	+0.6					
CO05	La Serena	0.51	116	Pb	08 33 12.0	+0.6					
CO05	La Serena	0.51	116	Pb	08 33 31.6	+0.6					
CO05	La Serena	0.51	116	Pb	08 33 37.2	-1.8					
CO05	La Serena	0.51	116	Pb	08 34 07.5						
CO05	La Serena	0.51	116	Pb	08 33 24.5	+0.8					
CO05	La Serena	0.51	116	Pb	08 33 24.4	+0.8					
CO05	La Serena	0.51	116	Pb	08 33 28.9	-0.2					
CO05	La Serena	0.51	116	Pb	08 33 58.7	-4.0					
CO05	La Serena	0.51	116	Pb	08 34 24.8						
RTLS	Leontico	2.99	135	eS	08 33 33.3	+2.5					
RTLS	Leontico	2.99	135	eS	08 34 12.6	-1.4					
RTLS	Leontico	2.99	135	eS	08 34 26.3						
VA03	San Esteban	3.23	162	eP	08 33 34.9	+1.1					
VA03	San Esteban	3.23	162	eP	08 34 00.7	+0.8					
VA03	San Esteban	3.23	162	eP	08 34 32.8						
VA03	San Esteban	3.23	162	eP	08 33 35.0	+1.1					
VA03	San Esteban	3.23	162	eP	08 33 35.0	+1.1					
VA03	San Esteban	3.23	162	eP	08 34 32.8						
ZON	Zonda	3.24	126	eP	08 33 35.7	+1.8					
ZON	Zonda	3.24	126	eP	08 34 26.1	+5.1					
ZON	Zonda	3.24	126	eP	08 34 31.5						
AUSP	Uspallata	3.25	142	eP	08 33 36.9	+2.6					
VCA	Vinchina	3.26	74	eP	08 33 15.9	-1.8					
VCA	Vinchina	3.26	74	eP	08 34 13.6	+1.5					
VCA	Vinchina	3.26	74	eP	08 34 39.2						
VA01	Torpederas	3.32	178	eP	08 33 34.4	-0.6					
RTVC	Cerro Valdivia	3.52	129	eP	08 33 40.0	+2.2					
PEL	Peidheue	3.56	165	eP	08 33 38.1	-0.3					
PEL	Peidheue	3.56	165	eP	08 33 18.5	-0.9					
PEL	Peidheue	3.56	165	eP	08 34 40.4						
PEL	Peidheue	3.56	165	eP	08 33 38.9	+0.5					
PEL	Peidheue	3.56	165	eP	08 33 39.0	+0.5					
MT02	Curacav	3.59	172	eP	08 33 38.5	-0.4					
MT02	Curacav	3.59	172	eP	08 34 19.9	-0.4					
MT02	Curacav	3.59	172	eP	08 34 36.7						
MT02	Curacav	3.59	172	eP	08 33 38.4	-0.4					
AC02	Maricunga	3.68	40	eP	08 33 41.8	+1.4					
AC02	Maricunga	3.68	40	eP	08 34 28.1	+5.1					
AC02	Maricunga	3.68	40	eP	08 33 41.9	+1.5					
AC02	Maricunga	3.68	40	eP	08 33 41.6	+1.2					
AC02	Maricunga	3.68	40	eP	08 34 42.7						
MT05	Renca	3.79	167	eP	08 33 41.8	+0.3					
MT05	Renca	3.79	167	eP	08 34 24.9	-0.3					
MT05	Renca	3.79	167	eP	08 33 42.0	+0.5					
MT05	Renca	3.79	167	eP	08 33 42.1	+0.5					
MT05	Renca	3.79	167	eP	08 35 12.7						
ASAL	Salagasta	3.83	140	eP	08 33 44.9	+2.8					
FCH	Farellones	3.84	161	eP	08 33 43.6	+1.2					
AVFE	Valle Fertii	3.85	106	eP	08 33 43.9	+1.4					
AVFE	Valle Fertii	3.85	106	eP	08 34 39.6	+0.8					
AVFE	Valle Fertii	3.85	106	eP	08 34 45.2						
VA05	Santo Domingo	3.95	178	eP	08 33 42.9	-0.8					
VA05	Santo Domingo	3.95	178	eP	08 34 28.5	-0.5					
ARCO	CERRO ARCO	3.97	143	eP	08 33 43.4	-0.3					
ARCO	CERRO ARCO	3.97	143	eP	08 34 11.2	-2.5					
ARCO	CERRO ARCO	3.97	143	eP	08 33 47.2	+3.2					
ARCO	CERRO ARCO	3.97	143	eP	08 34 50.1	+8.1					
ARCO	CERRO ARCO	3.97	143	eP	08 34 55.2						
MT09	Talagante	4.12	171	eP	08 33 46.5	+0.3					
MT09	Talagante	4.12	171	eP	08 33 46.5	+0.3					
MT01	Popeta	4.18	174	eP	08 33 46.5	-0.3					
MT01	Popeta	4.18	174	eP	08 33 46.6	-0.3					
ACL	CERRO LA CRUZ	4.20	88	eP	08 33 48.7	+1.4					
ACL	CERRO LA CRUZ	4.20	88	eP	08 34 53.6	+4.7					
ACL	CERRO LA CRUZ	4.20	88	eP	08 35 01.4						
AAGR	Agrelo	4.21	144	eP	08 33 50.5	+3.1					
APLL	PUNTA DE LOS L	4.60	100	eP	08 33 53.6	+1.0					
ACHE	Chepes	4.64	110	eP	08 33 54.4	+1.0					
BO01	Tunca	4.72	173	eP	08 33 57.3	+0.3					
BO02	Sierra Bellavi	5.15	171	eP	08 34 00.5	+0.2					
PB14	IPOC Station P	5.19	14	eP	08 34 00.1	-1.0					
PB14	IPOC Station P	5.19	14	eP	08 34 01.3	+0.3					
PB14	IPOC Station P	5.19	14	eP	08 34 58.5	-1.6					
PB14	IPOC Station P	5.19	14	eP	08 35 37.8						
GO05	Huala	5.30	181	eP	08 34 01.3	-1.0					
CYA	Choya	5.37	78	eP	08 33 59.1	-4.1					
CYA	Choya	5.37	78	eP	08 34 04.3	+1.1					
CYA	Choya	5.37	78	eP	08 35 03.6	-0.5					
CYA	Choya	5.37	78	eP	08 35 41.7						
RFA	San Rafael	5.78	152	eP	08 34 09.7	+0.7					
RFA	San Rafael	5.78	152	eP	08 36 05.8						
FSA	Cafayete	6.24	57	eP	08 34 12.6	-2.8					
FSA	Cafayete	6.24	57	eP	08 34 17.1	+1.7					
PB10	IPOC Station P	6.25	10	eP	08 34 16.4	+1.1					
PB10	IPOC Station P	6.25	10	eP	08 34 14.0	-1.3					
PB10	IPOC Station P	6.25	10	eP	08 35 22.9	-2.9					
PB10	IPOC Station P	6.25	10	eP	08 36 30.1						
AHML	Horco Molle	6.37	64	eP	08 34 13.6	-3.4					
AHML	Horco Molle	6.37	64	eP	08 34 17.4	+0.4					
PB15	IPOC Station P	6.78	18	eP	08 34 22.1	-0.6					

Code	Station Name	Δ ¹	AZ ¹	Phase ID	Time Res	ISC	h	m	s	ISC	Res
PB15	IPOC Station P	6.78	18	eP	08 34 22.2	-0.6					
PB15	IPOC Station P	6.78	18	eP	08 35 37.6	-1.5					
PB15	IPOC Station P	6.78	18	eP	08 36 31.4						
PB05	Juan Fernandez	6.96	12	eP	08 34 25.5	-2.6					
VA04	Juan Fernandez	7.19	235	eP	08 34 26.3	-1.9					
VA04	Juan Fernandez	7.19	235	eP	08 34 27.2	-1.0					
VA04	Juan Fernandez	7.19	235	eP	08 34 30.0	-2.9					
LVC	Limon Verde	7.51	21	Pn	08 35 54.0	-3.2					

3d 10h

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

2015 DEC

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

120

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

ISK 03 10:48:47.7, 39.25N:40.24E, h4km, ML2.5/4
DDA 03 10:48:48.0, 39.25N:40.14E, h17km, 8km, ML 1.6
ISC 03 10:48:47.1, 2.3925N:0.04:40.18E:0.05, h7km, 21km,

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

IDC 03 10:48:49.8:0.9, 6.37S:147.33E, h72km, 7km, mb3.6/7,
mb1.3/8.11, mb1mx3.5/43, mbtmp4.0/11, MS3.1/4,
Ms1.3/14, ms1mx2.8/27, Error ellipse: s-maj=34.5km
s-min=14.5km az=89.0,
ISC 03 10:48:49.1-0.8, 6.27S:147.4E:0.2, h63km, n13,
0.8117, mb3.9/7, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for stations in the Eastern New Guinea region.

KRNET 03 10:31:38.8:0.1, 41.19N:70.21E, h8km, mb2.7
NNC 03 10:31:40.5:1.1, 40.98N:70.38E, h0km, mb3.1, mpv2.7,
Error ellipse: s-maj=8.7km s-min=4.8km az=35.0

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

IDC 03 10:50:39.9:0.8, 52.53N:169.45W, h0km, mb3.9/14,
mb1.4/0.16, mb1mx3.7/67, mbtmp3.8/16, ML2.8/2, MS3.5/1,
Ms1.3/5.1, ms1mx2.7/51, Error ellipse: s-maj=27.0km
s-min=13.9km az=179.0
AEC 03 10:50:46.2:5.52, 4N:0.1:169.29W:0.10, h23km, 4km,
Error ellipse: s-maj=14.8km s-min=8.1km az=172.0
NEIC 03 10:50:47.9:1.4, 52.5N:0.1:169.5W:0.1, h57km, 9km,
mb4.3/34, ML3.8(AEIC), Error ellipse: s-maj=15.6km
s-min=8.4km az=167.0
ISC 03 10:50:45.9:0.7, 52.5N:0.1:169.36W:0.07, h40km, n76,
0.155/62, mb4.2/31, Fox Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like UNV Unalaska Valle, AKUT Akutan, GSTR Great Sitkin T, etc.

Table with columns: GO04, IAML, Time, Res, h, m, s, ISC. Includes stations like GO04 comp=E,12um,0.4s, Tololo Observa, Catapilco, etc.

Table with columns: HUIG, RTAL, PANG, PANG, PANG, etc. Includes stations like HUIG Retalhuleu, RTAL Pango Angel, PANG Pango Angel, etc.

IDC 03 11:41:29.3;0.8, 16:67N;93:49W, h149km, 9km, mb4.0/14, mb1 4.1/16, mb1mx3.7/49, mbtmp4.4/16, MS2.7/1, Ms1 2.7/1, ms1mx2.5/26, Error ellipse: s-maj=26.7km s-min=11.1km az=42.0

IDC 03 11:41:30.3;0.5, 16:58N;0:06:93:58W;0:05, h152km, 5km, mb4.7/22, ML4.5/52(MEX), Error ellipse: s-maj=9.3km s-min=6.3km az=21.0

IDC 03 11:41:37.7; 16:50N;93:14W, h15km, MW4.1, ISC 03 11:41:30.3;0.5, 16:58N;0:04:93:56W;0:03, h158km, 5km, n390, s1928/224, mb4.6/98, Chiapas

U30A	Yellville	19.71	2	P	P	11 45 47.2	-0.3
QUOK	Quay	19.71	352	I	Amb	11 45 54.2	
SWET	comp=Z,47nm,1.0s	19.77	19	P	P	11 45 48.5	+0.2
W50A	Signal Mountai	19.96	20	I	Amb	11 45 56.9	
4V8A	Smith Brothers	20.01	16	I	Amb	11 45 55.9	
WVT	Waverly	20.13	14	P	P	11 45 52.9	+0.9
WVT	Waverly	20.13	14	P	P	11 45 52.2	+0.1
U32A	Winter Ranch,	20.31	347	I	Amb	11 45 57.2	
PBMO	Poplar Bluff	20.31	7	P	P	11 45 53.0	-0.9
BLACK	Blackwell	20.36	352	I	Amb	11 46 14.2	
121A	Cookes Peak, D	20.45	324	P	P	11 45 57.0	+1.2
319A	Douglas	20.54	319	I	Amb	11 46 00.8	
GC02	Grant County #	20.55	350	P	P	11 45 57.7	+1.2
KAN13	South Haven SW	20.65	351	P	P	11 45 59.0	+1.4
KAN14	Manchester OK	20.67	350	I	Amb	11 45 59.4	+1.6
KAN14	comp=Z,14nm,0.8s	20.80	350	I	Amb	11 46 20.5	
KAN05	Bluff City Nor	20.80	351	I	Amb	11 46 18.0	
KAN01	Argonath	20.83	351	I	Amb	11 46 18.0	
TKL	Tuckaleeche C	20.91	23	P	P	11 45 59.7	-0.7
TKL	Tuckaleeche C	20.91	23	I	Amb	11 46 19.9	
KAN12	Harper NE Stat	21.01	350	P	P	11 46 02.2	+0.8
U49A	Red Boiling Sp	21.02	18	I	Amb	11 46 08.4	
S39A	Bolivar	21.03	1	P	P	11 46 00.9	-0.8
T47A	Sharon Grove	21.12	14	P	P	11 46 02.1	-0.5
T47A	comp=Z,16nm,0.8s	21.16	328	P	P	11 46 04.6	+1.4
Y22D	IRIS PASSCAL I	21.16	328	P	P	11 46 05.5	-1.1
CCM	Cathedral Cave	21.49	5	P	P	11 46 05.1	-1.1
CCM	Cathedral Cave	21.49	5	P	P	11 46 05.1	-1.5
ANMO	Albuquerque	21.63	330	P	P	11 46 09.3	+1.0
ANMO	Albuquerque	21.63	330	I	Amb	11 46 09.8	+1.5
ANMO	comp=Z,19nm,0.7s	21.63	330	P	P	11 46 08.8	+0.5
40A	Maddies Statio	21.66	3	I	Amb	11 46 11.2	
TUC	Tucson	22.11	318	P	P	11 46 14.8	+1.6
TUC	comp=Z,24nm,1.1s	22.11	318	P	P	11 46 14.8	+1.6
R32A	Long Quarter,	22.23	349	I	Amb	11 46 15.5	
WC1	Wyandotte Cave	22.49	15	P	P	11 46 15.5	-1.1
KSU1	Kansas State U	22.60	354	I	Amb	11 46 45.8	
KSU1	Kansas State U	22.60	354	P	P	11 46 15.8	-1.8
T25A	Trinidad	22.62	337	I	Amb	11 46 20.8	
T25A	Trinidad	22.62	337	P	P	11 46 18.6	+0.5
CBKS	Cedar Bluff	22.80	347	I	Amb	11 46 48.1	
CBKS	Cedar Bluff	22.80	347	P	P	11 46 19.4	-0.2
P40A	Paris	22.91	3	I	Amb	11 46 19.9	
X18A	Snowfall	23.14	324	I	Amb	11 46 28.0	
214A	Organ Pipe Nat	23.23	315	P	P	11 46 25.6	+2.0
SDCO	Great Sand Dun	23.57	336	P	P	11 46 26.5	-0.3
KSC0	Kaye Sheddock	23.72	342	P	P	11 46 28.3	+0.3
S22A	4UR Ranch, Cre	24.11	334	P	P	11 46 31.8	0.0
N35A	Tabor	24.26	356	I	Amb	11 46 34.2	
MVCO	Mesa Verde	24.43	330	I	Amb	11 46 37.6	
MVCO	Mesa Verde	24.43	330	P	P	11 46 36.5	+1.9
Q24A	Divide	24.50	338	P	P	11 46 35.9	+0.6
WUJAZ	Wupatki	24.66	323	P	P	11 46 38.3	+1.6
BGNE	Belgrade	25.06	352	P	P	11 46 38.7	-1.3
SCIA	State Center	25.24	1	P	P	11 46 40.9	-0.8
SCIA	State Center	25.24	1	P	P	11 46 40.9	-0.8
GLA	Glamis	25.25	314	I	Amb	11 46 45.0	
GLA	Glamis	25.25	314	P	P	11 46 44.6	+2.7
PV15	Paradox Valley	25.33	332	I	Amb	11 46 53.3	
PV02	Paradox Valley	25.34	331	I	Amb	11 46 46.2	
OGNE	Ogallala	25.36	345	I	Amb	11 46 45.3	
SMCO	Snowmass	25.39	335	I	Amb	11 46 49.0	
ISCO	Idaho Springs	25.41	338	P	P	11 46 44.5	+0.9
PV05	Paradox Valley	25.41	330	I	Amb	11 46 46.3	
PV03	Paradox Valley	25.43	331	I	Amb	11 46 46.8	
PV18	Skein Mesa, Pa	25.45	331	I	Amb	11 46 46.9	
PV07	Paradox Valley	25.49	332	I	Amb	11 46 47.5	
PV16	Nyswonger Mesa	25.51	331	I	Amb	11 46 47.4	
PV19	Morning Glory	25.54	331	I	Amb	11 46 47.6	
PDMCI	Parker Dam,Lak	25.54	318	P	P	11 46 46.4	+1.9
PV20	West Nyswonger	25.56	331	I	Amb	11 46 47.7	
PV14	Lion Creek, Pa	25.61	331	I	Amb	11 46 48.2	
PV10	Paradox Valley	25.62	331	I	Amb	11 46 47.7	
PV21	Cone Mtn., Par	25.74	331	I	Amb	11 46 49.3	
SWSC	Sam W. Stewart	25.86	313	P	P	11 46 49.6	+2.2
IKP	Red Featther La	25.92	312	P	P	11 46 50.4	+2.4
BC3	Big Chuckawall	26.03	315	P	P	11 46 51.5	+2.5
IRM	Iron Mountain	26.11	316	P	P	11 46 51.0	+1.3
MONP2	Monument Peak	26.27	312	P	P	11 46 52.3	+1.0
K31A	O'Neill	26.34	351	I	Amb	11 46 56.6	
JFWS	Jewell Farm	26.40	5	P	P	11 46 50.3	-1.8
N23A	Red Feather La	26.49	339	P	P	11 46 54.1	+0.8
BELC	Belle Mtn. Jos	26.59	315	P	P	11 46 56.3	+2.2
PFO	Pinyon Flats O	26.69	314	P	P	11 46 55.2	+0.2
PFO	Pinyon Flats O	26.69	314	P	P	11 46 57.7	+2.7
O20A	White River Ci	26.71	334	P	P	11 46 54.7	-0.5
GM8C	Granite Mounta	26.83	317	P	P	11 46 58.4	+2.2
P18A	Preston Nutter	27.18	331	I	Amb	11 47 02.4	

ECSD	EROS Data Cent	27.19	355	I	Amb	11 46 59.0	
ECSD	EROS Data Cent	27.19	355	P	P	11 46 57.9	-1.3
MVU	comp=Z,173,SNR=16	27.29	327	I	Amb	11 47 04.4	
P17A	Butcher Ranch,	27.29	330	I	Amb	11 47 03.2	
HEC	Hector,Ludlow	27.30	316	P	P	11 47 02.3	+1.9
BBRC	Big Bear Solar	27.37	314	P	P	11 47 03.1	+2.0
TUQ	Turquoise Moun	27.39	318	P	P	11 47 03.4	+2.1
RWWY	Rawlins	27.64	338	I	Amb	11 47 07.0	
SC12	San Clemente I	27.84	311	P	P	11 47 07.9	+2.8
BFSC	Mount Baldy Ra	27.87	314	P	P	11 47 07.6	+2.1
GSC	Goldstone, Bar	27.89	316	P	P	11 47 07.5	+1.9
MWC	Mount Wilson	28.14	313	I	Amb	11 47 11.2	
MPU	Maple Canyon	28.15	330	I	Amb	11 47 10.8	
GWY	Greenwater Val	28.33	318	P	P	11 47 11.8	+2.2
EDW2	Edward Air For	28.45	314	P	P	11 47 12.3	+1.7
SPMM	Marine on St.	28.57	1	P	P	11 47 10.3	-1.0
LRCM	Laurel Mtn Rd	28.58	316	P	P	11 47 13.6	+1.9
FRFC	Furnace Creek,	28.63	318	P	P	11 47 14.0	+2.1
CTU	Camp Tracy	28.73	330	I	Amb	11 47 16.0	
MPMC	Manual Prospec	28.79	317	P	P	11 47 15.6	+2.0
RSDG	Black Hills	28.85	344	P	P	11 47 14.5	+0.3
DSS	Dugway, Tooele	28.86	328	P	P	11 47 15.9	+1.7
R11A	Troy Canyon, C	29.05	323	P	P	11 47 17.2	+1.2
ARVC	Arvin	29.16	314	P	P	11 47 19.1	+2.4
F36A	Milaca	29.20	0	I	Amb	11 47 16.3	
ISA	Isabel Lake	29.21	315	P	P	11 47 19.4	+2.1
F33A	5 Mile Ranch,	29.26	356	I	Amb	11 47 16.6	
HWUT	Hardware Ranch	29.36	332	I	Amb	11 47 21.3	
CWC	Cottonwood Cre	29.40	317	P	P	11 47 20.4	+1.4
BW06	Boulder Array	29.46	336	P	P	11 47 19.6	0.0
PDAR	Pinedale Array	29.46	336	P	P	11 47 18.8	-0.9
BGU	Big Grassy Mou	29.53	329	I	Amb	11 47 23.1	
SPUT	South Promont	29.54	330	I	Amb	11 47 23.1	
BINY	Binghamton	29.65	27	P	P	11 47 19.9	-1.1
PKM	McPherson Peak	29.72	313	P	P	11 47 24.2	+2.3
VES	Vestal, Richgr	29.73	315	P	P	11 47 24.2	+2.5
HVU	Hanseal Valley	30.06	331	I	Amb	11 47 27.8	
SMCC	Simmler	30.07	313	P	P	11 47 28.6	+3.8
AHID	Auburn Hatcher	30.09	334	I	Amb	11 47 27.3	
LOHW	Long Hollow	30.59	335	I	Amb	11 47 31.8	
TPAW	Teton Pass	30.63	335	I	Amb	11 47 32.5	
LHV	Little Huntuon	30.75	320	I	Amb	11 47 35.0	
MOOW	Moose Ponds	30.76	335	I	Amb	11 47 33.2	
H17A	Grant Village	31.23	336	P	P	11 47 36.1	+0.9
EYMM	Ely	31.33	3	P	P	11 47 35.6	-0.1
YMP	Mirror Lake Pl	31.36	337	I	Amb	11 47 58.2	
RLMT	Red Lodge	31.37	338	P	P	11 47 36.7	+0.4
BMN	Battle Mountai	31.39	324	I	Amb	11 47 39.9	
MDND	Maddock	31.58	352	P	P	11 47 37.4	-0.5
YMR	Madison River	31.61	336	I	Amb	11 47 41.4	
YERR	Yerston	31.65	320	I	Amb	11 47 42.0	
AGMN	Agassiz Nation	31.69	357	I	Amb	11 47 38.5	
AGMN	Agassiz Nation	31.69	357	P	P	11 47 37.4	-1.4
B35A	Bob, Littlefor	31.70	360	I	Amb	11 47 38.7	
LAO	LASA Array	31.81	343	P	P	11 47 40.6	+0.6
YHL	Hebgen Lake	31.85	336	I	Amb	11 47 44.5	
PNTR	Pine Nut	31.94	320	P	P	11 47 44.9	+3.5
HLID	Hailey	32.20	331	I	Amb	11 47 46.9	
HLID	Hailey	32.20	331	I	Amb	11 47 44.9	+1.3
BOZ	Bozeman (W)	32.65	336	I	Amb	11 47 51.9	
BOZ	Bozeman (W)	32.65	336	P	P	11 47 48.5	+1.1
DLMT	Dillon	32.84	335	I	Amb	11 47 52.0	
DMGT	Dagmar	32.98	347	I	Amb	11 47 51.2	
DMGT	Dagmar	32.98	347	P	P	11 47 50.5	+0.3
ULM	Lac du Bonnet	33.64	357	I	Amb	11 47 53.3	-2.4
ULM	Lac du Bonnet	33.64	357	I	Amb	11 47 54.7	
EGMT	Eagleton	34.07	340	I	Amb	11 48 01.4	
EGMT	Eagleton	34.07	340	P	P	11 47 59.8	+0.2
PLID	Pearl Lake	34.10	331	I	Amb	11 48 02.4	
MSO	Missoula	34.58	335	I	Amb	11 48 06.0	
MSO	Missoula	34.58	335	P	P	11 48 04.7	+0.6
YBH	Yreka Blue Hor	35.42	321	P	P	11 48 11.4	+0.1
YBH	Yreka Blue Hor	35.42	321	P	P	11 48 10.7	-0.7
JTMT	Jette	35.45	336	I	Amb	11 48 12.6	+1.0
D08A	Wolman Farm	36.93	331	I	Amb	11 48 26.9	
NEW	Newport	37.03	334	P	P	11 48 22.9	-1.9
NEW	Newport	37.03	334	P	P	11 48 25.2	+0.4
C09A	Chrisman Ranch	37.18	332	I	Amb	11 48 28.0	
F09D	White Salmon	37.35	327	P	P	11 48 29.5	+1.9
FFC	Flin Flon	38.62	352	P	P	11 48 37.6	-0.4
FFC	Flin Flon	38.62	352	I	Amb	11 48 38.3	
B05A	Bryant	39.30	330	P	P	11 48 43.6	-0.1
LPZA	La Paz	41.18	141	P	P	11 49 00.1	-0.2
LPZA	La Paz	41.18	141	P	P	11 49 00.2	-0.1
YKA	Yellowknife Ar	48.19	347	P	P	11 49 53.9	-0.5

YKA</

COLD	Coldfoot	62.19	338	P	P	11 51 35.7	+1.0
K20K	Telida	62.23	334	P	P	11 51 34.8	-0.2
H21K	Melozitina Rive	62.53	336	P	P	11 51 36.5	-0.5
J20K	Nowinta River	62.54	335	I	Amb	11 51 38.1	
J20K	Nowinta River	62.54	335	P	P	11 51 36.5	-0.5
TOLK	Toolik Lake Re	62.60	340	I	Amb	11 51 39.0	
TOLK	Toolik Lake Re	62.60	340	P	P	11 51 37.6	+0.2
TTA	Tatalina	62.93	333	P	P	11 51 39.7	-0.1
TTA	Tatalina	62.93	333	I	Amb	11 51 40.6	
TTA	Tatalina	62.93	333	P	P	11 51 39.9	+0.1
EUNU	Eureka	63.60	1	P	P	11 51 43.3	-0.6
FALS	False Pass	65.02	323	P	P	11 51 54.3	+0.9
UNV	Unalaska Valle	66.73	322	P	P	11 52 05.4	+1.1
BILL	Bilibino	78.52	338	P	P	11 53 14.6	+0.9
BILL	Bilibino	78.52	338	I	Amb	11 53 15.5	
ARCES	ARCES Array B	84.17	18	P	P	11 53 43.4	0.0
SEY	Seymchan	85.79	335	P	P	11 53 51.8	+0.1
WRA	Warramunga Arr	134.51	258	P	PKP	12 00 29.0	-1.6
WRA	Warramunga Arr	134.51	258	P	PKP	12 01 12.0	-0.5

JMA 03 11:49:38.9, 24:01N, 122:27E, h33km, 3km, M2.9
TAP 03 11:49:39.8, 24:21N, 122:25E, h33km, ML3.5, D
ISC 03 11:49:39.4, 1.1, 24:15N, 0:02, 122:26E, 0.02, h27km, 1.1km,
n117, o589/222, Taiwan region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
EWUT	Wuta	0.53	304	P	Pn	11 49 50.5	-0.7
EWUT	Wuta	0.53	304	S	Sn	11 49 57.7	-1.7
ENA	Nanau	0.55	300	P	Pb	11 49 50.5	0.0
ENA	Nanau	0.55	300	eS	Sn	11 49 58.7	-1.1
ETL	Fush Village	0.58	271	eP	Pb	11 49 50.2	-0.9
ETL	Fush Village	0.58	271	eS	Sn	11 50 00.8	0.0
TWC	Suao	0.59	320	iP	Pb	11 49 50.6	-0.6
TWC	Suao	0.59	320	iS	Sb	11 49 58.3	-1.0
NACB	Ninganchiao	0.61	272	P	Pb	11 49 51.2	-0.3
NACB	Ninganchiao	0.61	272	eS	Sn	11 50 01.0	-0.3
TWD	Chiawan	0.61	263	eP	Pn	11 49 51.1	-1.3
TWD	Chiawan	0.61	263	eS	Sn	11 50 01.4	0.0
HWA	Hwaiien	0.62	254	eP	Pb	11 49 52.6	+0.8
HWA	Hwaiien	0.62	254	eS	Sn	11 50 02.1	+0.4
NDS	Dongshan	0.69	314	P	Pb	11 49 52.8	-0.1
NDS	Dongshan	0.69	314	S	Sb	11 50 01.5	-0.6
JYNG	Yongunijimaku	0.69	64	P	Pn	11 49 53.1	-0.4
JYNG	Yongunijimaku	0.69	64	S	Sb	11 50 02.7	0.6
ETLH	Xiulin Townshi	0.71	274	eP	Pb	11 49 52.7	-1.2
ETLH	Xiulin Townshi	0.71	274	eS	Sb	11 50 03.0	+0.2
YOJ	Yongunijima	0.75	66	eP	Pn	11 49 53.9	-0.4
YOJ	Yongunijima	0.75	66	eS	Sb	11 50 04.1	+0.4
YOJ	Yongunijima	0.75	66	P	Pn	11 49 53.9	-0.4
YOJ	Yongunijima	0.75	66	S	Sb	11 50 04.1	+0.4
EGS		0.75	337	eP	Pb	11 49 53.7	-0.2
EGS		0.75	337	eS	Sn	11 50 03.2	-1.6
ILA	Ilan	0.77	323	eP	Pb	11 49 54.5	+0.2
ILA	Ilan	0.77	323	eS	Sb	11 50 05.5	+1.1
TWE	Neicheng	0.78	316	P	Pb	11 49 54.5	0.0
TWE	Neicheng	0.78	316	S	Sb	11 50 04.6	-0.2
ENTT	Nicoudou	0.80	308	P	Pb	11 49 54.8	+0.1
ENTT	Nicoudou	0.80	308	S	Sb	11 50 04.9	-0.3
NTC	Toucheng	0.80	331	eP	Pb	11 49 55.1	+0.3
NTC	Toucheng	0.80	331	eS	Sn	11 50 03.9	-2.2
NDT	Datong Townshi	0.82	303	P	Pb	11 49 55.3	+0.3
NDT	Datong Townshi	0.82	303	S	Sb	11 50 06.2	+0.5
ESL	Shilin	0.83	246	eP	Pn	11 49 53.6	-1.8
ESL	Shilin	0.83	246	eS	Sn	11 50 05.2	-1.6
NNSB	Datong	0.85	289	P	Pb	11 49 55.5	-0.2
NNSB	Datong	0.85	289	eS	Sb	11 50 06.7	0.0
NNS	Nan Shan	0.86	290	P	Pb	11 49 55.6	-0.3
NNS	Nan Shan	0.86	290	eS	Sb	11 50 07.2	+0.1
TWB1	Santiao Chiao	0.89	344	eP	Pn	11 49 55.4	-0.8
TWB1	Santiao Chiao	0.89	344	eS	Sb	11 50 07.0	-0.7
EGFH	Guangfu	0.90	238	eP	Pn	11 49 54.8	-1.6
EGFH	Guangfu	0.90	238	eS	Sn	11 50 07.2	-1.4
TIPB	Shuangxi	0.91	334	P	Pb	11 49 57.0	+0.5
TIPB	Shuangxi	0.91	334	eS	Sb	11 50 07.3	-1.0
WHF	Hehuan Shan	0.91	270	P	Pn	11 49 56.2	-0.7
WHF	Hehuan Shan	0.91	270	eS	Sn	11 50 08.6	-0.8
NWL1	Wulai	0.93	312	eP	Pb	11 49 57.3	+0.3
NWL1	Wulai	0.93	312	eS	Sb	11 50 09.1	+0.1
FUSS	Fushou	0.93	276	eP	Pn	11 49 56.5	-0.5
FUSS	Fushou	0.93	276	eS	Sn	11 50 08.8	-1.0
NSK	Sanguang	0.97	302	eP	Pb	11 49 57.6	-0.1
NSK	Sanguang	0.97	302	eS	Sb	11 50 10.5	+0.3
TWT	Tachien	1.00	276	eP	Pn	11 49 57.8	0.0
TWT	Tachien	1.00	276	eS	Sb	11 50 10.8	-0.2
CHGB	Renai	1.00	265	eP	Pn	11 49 57.4	-0.6
CHGB	Renai	1.00	265	eS	Sn	11 50 10.8	-0.5
HGSD	Ruisui	1.01	230	eP	Pn	11 49 56.1	-1.8
HGSD	Ruisui	1.01	230	eS	Sn	11 50 12.0	+0.7
OWD	Renai	1.01	259	eP	Pn	11 49 57.4	-0.7
OWD	Renai	1.01	259	eS	Sn	11 50 11.2	-0.3

NWF	Wu-fen Shan	1.01	335	eP	Pb	11 49 58.4	-0.1
NWF	Wu-fen Shan	1.01	335	eS	Sb	11 50 12.1	+0.7
TDCB	Techi	1.01	276	eP	Pn	11 49 57.9	-0.2
TDCB	Techi	1.01	276	eS	Sb	11 50 11.2	-0.2
TWA	Mucha	1.03	323	eP	Pb	11 49 59.8	+1.2
TWA	Mucha	1.03	323	eS	Sb	11 50 11.0	-0.8
NHHD	Xindian Distri	1.05	320	eP	Pb	11 49 59.8	+0.8
NHHD	Xindian Distri	1.05	320	eS	Sb	11 50 13.3	+1.0
EHY	Hungye	1.07	233	eP	Pn	11 49 57.2	-1.6
EHY	Hungye	1.07	233	eS	Sb	11 50 11.8	-1.1
VWDT	VWDT	1.10	249	P	Pn	11 49 58.7	-0.4
VWDT	VWDT	1.10	249	S	Sn	11 50 13.5	+0.1
TAP	Taipei	1.12	322	eS	Sb	11 50 12.9	-1.4
YULB	Yu-li	1.16	230	eP	Pn	11 49 58.6	-1.4
YULB	Yu-li	1.16	230	eS	Sb	11 50 14.4	-0.6
YMO1	YMO1	1.17	328	eP	Pb	11 50 01.6	+0.5
YMO1	YMO1	1.17	328	eS	Sb	11 50 16.1	+0.2
EYUL	Yuli	1.18	227	eP	Pn	11 49 59.2	-1.0
EYUL	Yuli	1.18	227	eS	Sn	11 50 14.1	-1.3
WHP	Taichung City	1.21	276	eP	Pn	11 50 01.1	+0.3
WHP	Taichung City	1.21	276	eS	Sn	11 50 16.0	-0.3
TWS1	Kuangyinshan	1.22	321	eP	Pb	11 50 01.7	-0.2
TWS1	Kuangyinshan	1.22	321	eS	Sn	11 50 15.4	-1.0
ANP	Anpu	1.23	327	eP	Pn	11 50 00.5	-0.5
ANP	Anpu	1.23	327	eS	Sn	11 50 14.9	-1.9
LIOB	Emei	1.24	294	eP	Pb	11 50 02.2	0.0
LIOB	Emei	1.24	294	eS	Sb	11 50 16.7	-1.0
WCS	Beigang Elemen	1.24	266	eP	Pn	11 50 01.0	0.0
WCS	Beigang Elemen	1.24	266	eS	Sb	11 50 16.6	-0.3
NSTT	Nanjung	1.24	293	eP	Pb	11 50 02.2	-0.1
NSTT	Nanjung	1.24	293	eS	Sn	11 50 16.1	-0.9
NTST	Danshui	1.25	324	eP	Pn	11 50 00.7	-0.5
NTST	Danshui	1.25	324	eS	Sn	11 50 16.0	-1.1
SSLB	Suanguang	1.25	253	eP	Pn	11 50 00.7	-0.5
SSLB	Suanguang	1.25	253	eS	Sn	11 50 17.6	+0.3
TWY	Chenhua	1.27	332	eP	Pn	11 50 01.2	-0.2
TWY	Chenhua	1.27	332	eS	Sb	11 50 16.2	-1.5
NCUH	Zhongli	1.27	310	eP	Pb	11 50 02.8	0.0
NCUH	Zhongli	1.27	310	eS	Sn	11 50 16.9	-0.8
SMLT	Sun Moon Lake	1.27	258	P	Pn	11 50 01.5	-0.1
SMLT	Sun Moon Lake	1.27	258	eP	Pb	11 50 17.9	-0.1
FULB	Fuli	1.30	223	eP	Pn	11 50 01.2	-0.7
FULB	Fuli	1.30	223	eS	Sn	11 50 19.0	+0.5
TYC	Yuchr	1.31	259	eP	Pn	11 50 01.8	-0.2
TYC	Yuchr	1.31	259	eS	Sn	11 50 18.3	-0.3
SBCB	Hsinchu	1.33	299	eP	Pb	11 50 02.3	0.0
SBCB	Hsinchu	1.33	299	eS	Sb	11 50 20.4	+0.2
CHKT	Chengkung	1.33	218	eP	Pn	11 50 01.8	-0.6
CHKT	Chengkung	1.33	218	eS	Sn	11 50 17.8	-1.4
IRIF	Iriote-Funau	1.35	82	P	Pn	11 50 02.9	+0.3
YUS	Yu-Shan	1.37	241	eP	Pn	11 50 03.0	-0.3
YUS	Yu-Shan	1.37	241	eS	Sn	11 50 20.1	-0.7
TWQ1	Liyutan	1.37	278	eP	Pn	11 50 03.2	+0.3
TWQ1	Liyutan	1.37	278	eS	Sn	11 50 20.1	-0.1
NSY	Sanyi	1.39	281	eP	Pb	11 50 04.9	+0.1
NSY	Sanyi	1.39	281	eS	Sb	11 50 22.8	+0.6
NMLH	Miaoli	1.40	286	eP	Pn	11 50 03.2	0.0
NMLH	Miaoli	1.40	286	eS	Sb	11 50 22.8	+0.6
WJS	Zhushan	1.44	257	eP	Pb	11 50 05.3	-0.3
WJS	Zhushan	1.44	257	eS	Sb	11 50 24.8	+1.3
TCU	Taichung	1.45	270	eP	Pb	11 50 05.5	-0.3
TCU	Taichung	1.45	270	eS	Sb	11 50 24.5	+0.7
EDH	Donghe	1.47	217	eP	Pn	11 50 03.5	-0.7
EDH	Donghe	1.47	217	eS	Sn	11 50 21.0	-1.5
WNT	Mingjian	1.47	260	eP	Pb	11 50 05.8	-0.3
WNT	Mingjian	1.47	260	eS	Sb	11 50 24.8	+0.5
ALS	Alishan	1.48	245	eP	Pn	11 50 04.8	+0.2
ALS	Alishan	1.48	245	eS	Sn	11 50 23.2	0.0
PCYT	Pengchayiu	1.48	353	eP	Pn	11 50 04.4	0.0
PCYT	Pengchayiu	1.48	353	eS	Sn	11 50 21.4	-1.5
ELDTW	Lidau	1.49	230	eP	Pn	11 50 04.9	+0.3
ELDTW	Lidau	1.49	230	eS	Sn	11 50 21.3	-2.0
WDJ	Dajia District	1.49	278	eP	Pn	11 50 04.6	+0.1
WDJ	Dajia District	1.49	278	eS	Sn	11 50 22.8	-0.4
CHNS	Tsaling	1.55	249	eP	Pn	11 50 06.0	+0.6
CHNS	Tsaling	1.55	249	eS	Sn	11 50 25.1	+0.4
WCHH	Zhanghua	1.56	268	eP	Pb	11 50 06.7	-0.9
WCHH	Zhanghua	1.56	268	eS	Sb	11 50 27.0	+0.1
JKRS	Kuro-shima	1.60	87	P	Pn	11 50 06.4	+0.4
LONT	Longtian	1.62	220	eP	Pn	11 50 04.7	-1.6
LONT	Longtian	1.62	220	eS	Sn	11 50 24.5	-1.8
LDUT	Ludao	1.64	206	eS	Sn	11 50 25.9	-0.9
WDLH	Douliu	1.64	254	eP	Pn	11 50 07.5	+0.9
WDLH	Douliu	1.64	254	eS	Sn	11 50 27.	

3d 12h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PDGK Podgornoye, KAPS Kapalarasan, KURS Kuram, SATY Saty, ARXS Arharly, MK31 Makanchi Array, ZSN Zaisan.

JMA 03 11:59:17.0:0.1,24:01N:122:29E,h25km,3km,ML2.4
TAP 03 11:59:18.2,24:19N,122:20E,h20km,ML2.9,D
ISC 03 11:59:17.4:1.2,24:12N:0:02:122:25E:0:02,h21km,4km,
n79,c0574/149,Taiwan region

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations including EWUT Wuta, ENA Nanau, ETL Fush Village, NACB Ninganchiao, HWA Hwalien, TWC Suao, NDS Dongshan, ETLH Xiulin Townshi, EGS Neicheng, YOJ Yonaguni jima, YLJ Ylan, TWE Neicheng, ESL Shilin, ENTT Nioudou, NDT Datong Townshi, NTC Toucheng, NNSB Datong, NNS Nan Shan, EGPH Guangfu, WHF Hehuan Shan, TWB1 Santiao Chiao, FUSS Fushou, TIPB Shuangxi, NWLT Wulai, YHNB Yeheng, NSK Sanguang, NSK Sandimen.

2015 DEC

Table with columns: HGSD, Ruisui, CHGB, TWT, OWD, TDCB, NWF, TWA, EHY, NHHD, VWDT, YULB, EYUL, YMO1, WHP, WCS, SSSL, LIQB, NSTT, ANP, SMLT, SMLT, NTST, FULB, NCUH, TWY, TYC, CHKT, IRIF, WJS, EDH, WNT, ALS, ELDTW, CHN5, JKRS, WDLH, STYH, TPUB, CHN4, WRL, WTP, JIJ, WTK, TWK, CHN1, CHN1, SGST, SLGT, JISG, SSD. Lists stations like Ruisui, Beiang Elemen, Suanglung, Emei, Nanjuang, Anpu, Sun Moon Lake, Danshui, Fuli, Zhongli, Chenthua, Yucheng, Chengkung, Irirote-Funau, Donghe, Mingjian, Alishan, Lidau, Tsauling, Kuro-shima, Douliu, Taoyuan, Ta-pu, Tsushan, Guolierlin Hig, Ta-pu, Ishigaki jima, Tuku, Hsiinyng, Nanshi, Jiahshan, Liugui, Ishigakijimahi, Sandimen.

124

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SSD, TSMG, MASBT, MASBT, EAST, EAST, SLIU.

KMA 03 12:00:26.9:0.2,36:93N:126:56E,h12km,2km,Error
ellipse: s-maj=2.2km s-min=1.1km az=124.0, South

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSSSE, KSSSE, KSSSE, HAWB, HAWB, HAWB, SHHB, KSSWO, KSDEI, KSDEI, KSCEA, KSCEA, PORA, KSBON, KSBON, KSCCH.

IDC 03 12:05:58.9:2.1,23:75N:121:65E,h0km,mb3.3/3,
mb1.3/7.4,mb1mx3.3/42,mbtmp3.5/4,ML3.4/1,Error
ellipse: s-maj=76.6km s-min=31.5km az=99.0
TAP 03 12:06:04.8,23:80N:121:66E,h36km,ML4.0,B
JMA 03 12:06:04.1:0.1,23:76N:121:65E,h34km,2km,ML3.6
ISC 03 12:06:04.9:0.9,23:79N:0:01:121:64E:0:02,h34km,2km,
n162,c0586/266,mb3.5/3,Taiwan

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations including TEYL, TEYL, TEGC, TEGC, HWA, HWA, ESL, ESL, ETM, ETM, EGPH, EGPH, TWD, TWD, TWY, TWY, ETL, ETL, NACB, NACB, EHY, EHY, ETLH, ETLH, OWD, OWD, VWDT, VWDT, WHF, WHF, CHGB, CHGB, ECBN, ECBN, YULB, YULB, EHP, EHP, EYUL, EYUL, EYUL, EYUL, TWF1, TWF1, FUSS, FUSS, FUSS, FUSS, TWT, TWT, SSSL, SSSL, ENA, ENA, TDCB, TDCB, EWUT, EWUT, WPL, WPL, FULB, FULB, NNSB, NNSB, SMLT, SMLT.

NNS	Nan Shan	0.69 339	i P	Pn	12 06 18.4	0.0
NNS	baz=338		eS	Sn	12 06 27.7	-0.3
DPDB	Guoxing	0.70 290	i P	Pn	12 06 18.8	+0.4
YUS	Yu-Shan	0.70 245	i P	Pn	12 06 19.2	+0.3
YUS	baz=244		eS	Sn	12 06 28.2	-0.7
WCS	Beigang Elemen	0.72 292	eP	Pn	12 06 17.9	-0.8
TYC	Yuchr	0.73 279	i P	Pn	12 06 19.1	+0.3
CHKT	Chengkung	0.74 200	i P	Pn	12 06 19.3	+0.4
CHKT	baz=201		i S	Sb	12 06 30.1	+0.8
ECS	Chishang	0.80 209	P	Pn	12 06 19.7	-0.1
ECS	baz=210		eS	Sn	12 06 30.5	0.0
WHP	Taichung City	0.80 307	i P	Pn	12 06 20.5	+0.6
NDT	Datong Townshi	0.81 352	i P	Pn	12 06 20.4	+0.3
ALS	Alishan	0.82 250	i P	Pn	12 06 21.0	+0.6
ALS	baz=249		i S	Sn	12 06 31.8	+0.4
ELDTW	Lidau	0.83 224	eP	Pn	12 06 19.8	-0.6
ELDTW	baz=224		eS	Sn	12 06 31.1	-0.4
TWC	Suao	0.83 13	i P	Pb	12 06 21.2	+0.2
NDS	Dongshan	0.84 5	P	Pn	12 06 20.2	-0.1
WJS	Zhushan	0.84 272	i P	Pb	12 06 21.7	+0.5
ENTT	Nioudou	0.84 355	i P	Pn	12 06 20.8	+0.3
EDH	Donghe	0.88 201	i P	Pn	12 06 21.6	+0.7
EDH	baz=201		eS	Sb	12 06 33.9	+0.7
WNT	Mingjian	0.88 276	i P	Pb	12 06 22.3	+0.4
WNT1	Nantou City	0.89 277	eP	Pb	12 06 23.1	+1.1
WWF	Wufeng	0.90 286	i P	Pb	12 06 23.0	+0.8
YHNB	Yeheng	0.91 344	P	Pn	12 06 21.8	+0.4
YHNB	baz=343		eS	Sn	12 06 32.8	-0.5
CHNS	Tsauling	0.91 258	i P	Pn	12 06 22.4	+1.0
CHNS	baz=257		i S	Sb	12 06 35.0	+0.8
NSK	Sanguang	0.92 344	i P	Pn	12 06 22.0	+0.5
NSK	baz=342		i S	Sn	12 06 33.5	0.0
TWE	Neicheng	0.92 1	i P	Pn	12 06 21.9	+0.4
TCU	Taichung	0.95 292	eP	Pb	12 06 23.8	+0.7
TCU	baz=291		eS	Sb	12 06 38.0	+2.6
TWQ1	Liyutan	0.97 305	i P	Pb	12 06 23.8	+0.4
TWQ1	baz=304		eS	Sb	12 06 36.6	+0.8
NWLT	Wulai	0.99 353	i P	Pn	12 06 23.1	+0.7
WYL	Yuanlin Townsh	0.99 280	eP	Pb	12 06 24.2	+0.6
WYL	baz=279		eS	Sb	12 06 38.3	+1.9
WGK	Gukung	1.00 264	i P	Pb	12 06 23.8	+0.1
WGK	baz=263		eS	Sb	12 06 37.6	+1.0
LONT	Longtan	1.00 208	eP	Pn	12 06 21.4	-1.2
LONT	baz=209		S	Sb	12 06 37.1	+0.3
STYH	Taoyuan	1.01 232	i P	Pn	12 06 23.6	+0.8
NSY	Sanyi	1.02 308	eP	Pb	12 06 24.6	+0.5
NSY	baz=307		eS	Sb	12 06 38.8	+1.6
WDLH	Douliu	1.02 264	P	Pb	12 06 24.5	+0.4
WDLH	baz=264		S	Sb	12 06 37.7	+0.5
NLST	Nanjuang	1.02 325	i P	Pb	12 06 24.4	+0.2
NLST	baz=324		eS	Pb	12 06 24.7	+0.4
STYT	Tauyuan	1.03 233	i P	Pn	12 06 24.1	+1.1
WCHH	Zhanghua	1.03 286	i P	Pb	12 06 24.8	+0.5
TPUB	Ta-pu	1.05 242	P	Pb	12 06 24.6	-0.1
TPUB	baz=242		S	Sb	12 06 38.6	+0.3
CHN4	Tsaushan	1.06 246	i P	Pn	12 06 23.4	0.0
CHN4	baz=245		i S	Sn	12 06 37.8	+0.8
NJD	Zhudong	1.07 332	eP	Pb	12 06 25.6	+0.7
NJD	baz=330		eS	Sb	12 06 40.4	+1.8
NTC	Toucheng	1.07 9	eP	Pn	12 06 25.6	+0.7
NTC	baz=8.0		eS	Sb	12 06 38.6	-0.1
WDJ	Dajia District	1.07 301	i P	Pb	12 06 25.0	0.0
WDJ	baz=300		eS	Sb	12 06 39.3	+0.6
NMLH	Miaoli	1.07 314	P	Pn	12 06 24.7	+1.1
NMLH	baz=312		S	Sb	12 06 39.3	+0.5
EGS		1.08 14	P	Pn	12 06 24.5	+0.8
EGS	baz=13		eS	Sb	12 06 38.5	-0.5
WTP	Ta-pu	1.09 240	eP	Pb	12 06 25.7	+0.3
TWGBT	Beinan	1.10 208	eP	Pb	12 06 25.2	-0.3
TWG	Pinlang	1.10 209	eP	Pn	12 06 23.7	-0.3
CHN2	Minshiang	1.10 257	eP	Pn	12 06 25.2	+1.2
CHN2	baz=256		S	Sb	12 06 40.3	+0.7
LDUT	Ludao	1.13 188	i P	Pn	12 06 24.9	+0.6
LDUT	baz=189		S	Sn	12 06 39.4	+0.8
TTN	Taitung	1.13 204	P	Pn	12 06 24.8	+0.4
TTN	baz=204		S	Sb	12 06 40.0	-0.4
NJN	Zhunian	1.13 322	P	Pb	12 06 25.8	-0.3
NJN	baz=320		S	Sb	12 06 41.0	+0.5
HSN1	Hsinchu	1.13 330	eP	Pb	12 06 26.5	+0.4
HSN1	baz=328		eS	Sb	12 06 41.7	+1.2
WTK	Tuku	1.16 265	eP	Pb	12 06 27.1	+0.7
WTK	baz=264		eS	Sb	12 06 42.1	+1.0
CHY	Chiayi	1.16 255	eP	Pb	12 06 27.6	+1.0
SBCB	Hsinchu	1.16 329	eP	Pb	12 06 27.6	+1.0
SBCB	baz=328		S	Sn	12 06 40.2	+0.7

WRL	Guolierlin Hig	1.16 276	P	Pb	12 06 26.3	-0.3
WRL	baz=275		S	Sn	12 06 41.1	+1.6
NHHD	Kindan Distri	1.17 355	eP	Pb	12 06 26.4	-0.2
HSN	Hsinchu	1.18 329	eS	Sb	12 06 43.2	+1.5
TWA	Mucha	1.18 357	P	Pn	12 06 26.1	+1.0
TWA	baz=356		S	Sn	12 06 41.0	+0.9
TWK	Hsiyning	1.18 244	eP	Pb	12 06 27.1	+0.1
TWK	baz=243		eS	Sb	12 06 42.3	+0.3
TIPB	Shuangxi	1.18 8	eP	Pb	12 06 26.8	-0.2
TATO	Taipei	1.19 353	P	Pn	12 06 25.8	+0.7
TATO	baz=352		S	Sn	12 06 41.1	+1.0
CHN1	Nanshi	1.19 240	eP	Pb	12 06 27.1	+0.1
SNST	Tainan City	1.20 242	eP	Pb	12 06 27.4	+0.3
SNST	baz=241		eS	Sn	12 06 42.9	+0.5
SGST	Jiashian	1.21 234	P	Pn	12 06 26.8	+1.4
SGST	baz=234		eS	Sb	12 06 42.4	-0.1
SLGT	Liugu	1.21 229	P	Pb	12 06 27.3	-0.1
SLGT	baz=229		S	Sb	12 06 42.5	-0.3
NCUH	Zhongli	1.24 340	P	Pb	12 06 27.4	-0.5
NCUH	baz=339		eS	Sn	12 06 44.5	+0.8
NTY	Tao-chi	1.24 345	P	Pb	12 06 27.4	-0.4
NTY	baz=344		eS	Sn	12 06 44.2	+0.6
NHY	Taipei	1.24 357	S	Sn	12 06 42.8	+1.3
NCU	National Central	1.24 341	P	Pn	12 06 26.6	+0.7
NCU	baz=339		eS	Sb	12 06 44.6	+0.9
TAP	Taipei	1.25 354	P	Pn	12 06 26.2	+0.3
TAP	baz=353		eS	Sb	12 06 43.6	-0.1
TWB1	Santiao Chiao	1.25 15	eP	Sb	12 06 27.8	-0.3
TWB1	baz=14		eS	Sb	12 06 44.0	+0.2
WTCT	Taicheng	1.25 273	eP	Pb	12 06 27.7	-0.3
WTCT	baz=273		eS	Sb	12 06 44.4	+0.6
NWF	Wu-fen Shan	1.28 6	i P	Pb	12 06 27.9	-0.7
WFSB	Wu-fen Shan	1.28 6	P	Pn	12 06 27.7	+1.3
WFSB	baz=4.0		eS	Sb	12 06 45.4	+0.8
WSF	Szhu	1.31 263	i P	Pn	12 06 28.0	+1.2
WSF	baz=263		eS	Sb	12 06 45.8	+0.2
TWS1	Kuangyinshan	1.32 351	eP	Pb	12 06 28.8	-0.4
TWS1	baz=350		S	Sn	12 06 44.7	+1.4
ICHU	Yiji	1.32 251	eP	Pb	12 06 29.1	-0.1
ICHU	baz=251		eS	Sb	12 06 46.4	+0.5
NHW	Xinwu Township	1.32 336	P	Pn	12 06 28.6	+1.5
NHW	baz=335		eS	Sb	12 06 46.0	+0.1
YM01	YM01	1.35 357	P	Pn	12 06 28.8	+1.3
YM01	baz=356		S	Sn	12 06 44.8	+0.6
ECL	Taimali	1.35 208	eP	Pn	12 06 28.1	+0.7
ECL	baz=208		S	Sn	12 06 45.5	+1.4
TNOU	National Taiwa	1.35 5	eP	Pn	12 06 26.1	-1.4
TNOU	baz=4.0		eS	Sn	12 06 45.5	+1.2
JYNG	Yongunijimaku	1.36 61	P	Pn	12 06 27.7	+0.2
JYNG	baz=61		S	Pb	12 06 45.4	+1.1
CHN3	Shinhua	1.38 239	eP	Pb	12 06 30.6	+0.5
CHN3	baz=239		eS	Pb	12 06 49.0	+1.7
NTST	Danshui	1.38 353	i P	Pn	12 06 28.5	+0.7
NTST	baz=351		S	Sn	12 06 45.6	+0.8
CHN8	Yiju	1.39 252	eP	Pn	12 06 29.1	+1.2
CHN8	baz=251		eS	Pn	12 06 49.9	+1.8
ANP	Anpu	1.39 355	P	Pn	12 06 28.7	+0.6
ANP	baz=354		eS	Sn	12 06 46.3	+1.0
SCST	Cishan	1.39 230	eP	Pb	12 06 31.4	+1.0
SCST	baz=229		eS	Pb	12 06 29.7	+1.6
SSD	Sandimen	1.40 222	P	Pn	12 06 29.7	+1.6
SSD	baz=221		eS	Sn	12 06 46.7	+1.4
SSHA	Shanhua	1.41 243	eP	Pb	12 06 30.5	-0.1
SSHA	baz=242		eS	Sb	12 06 49.7	+1.4
YOJ	Yonguniji jima	1.42 62	P	Pn	12 06 28.9	+0.6
YOJ	baz=61		S	Sn	12 06 46.7	+1.0
YOJ	Yonguniji jima	1.42 62	P	Pn	12 06 29.3	+1.0
YOJ	baz=61		eP	Pb	12 06 47.0	+1.2
TSMG	Majia	1.42 220	eP	Pb	12 06 30.4	-0.5
TSMG	baz=220		S	Sb	12 06 48.6	-0.1
SCLT	Jiali	1.47 245	i P	Pn	12 06 30.0	+1.0
SCLT	baz=245		eS	Pb	12 06 50.2	+0.2
TWMT	Shoushan	1.48 230	eP	Pb	12 06 32.1	+0.2
MASBT	Miashbuluo	1.50 219	P	Pn	12 06 30.4	+1.0
MASBT	baz=218		eS	Sn	12 06 48.1	+0.3
SGLT	Houzi	1.50 225	P	Pb	12 06 31.4	-0.8
EAST	Anshuo	1.58 208	eP	Pb	12 06 32.7	-1.0
EAST	baz=207		eS	Sn	12 06 50.9	+0.9
TAW	Tawu	1.59 206	eS	Sn	12 06 50.2	+0.3
SSPT	Xinbi	1.64 217	eP	Pb	12 06 34.3	-0.2
SSPT	baz=217		Pb	Pb	12 06 34.6	-1.0
LAY	Lan-yu	1.75 183	P	Pn	12 06 33.6	+0.7
LAY	baz=183		eS	Sn	12 06 54.1	+0.1
SLIU	Shizi	1.75 207	eP	Pn	12 06 34.1	+1.2
SLIU	baz=206		eS	Sn	12 06 55.1	+1.0
PHUB	Peng-hu	1.92 262	P	Pn	12 06 36.0	+0.7
PHUB	baz=261		S	Sn	12 06 58.4	+0.2

PNG	Penghu	1.93 264	P	Pn	12 06 36.4	+1.0
PNG	baz=263		S	Sn	12 06 59.0	+0.6
HEN	Hengchun	1.97 205	i P	Pn	12 06 36.8	+0.9
HEN	baz=205		S	Sn	12 07 01.0	+1.6
IRIF	Iriemote-Funau	1.98 74	P	Pn	12 06 37.0	+0.9
IRIF	baz=205		S	Sn	12 07 00.9	+1.2
HATJ	Hateruma jima	2.00 82	P	Pn	12 06 37.0	+0.7
HATJ	baz=203		S	Sn	12 07 00.4	+0.3
TWK1	Hengchun	2.00 203	P	Pn	12 06 37.7	+1.4
TWK1	baz=203		S	Sn	12 07 00.4	+0.3
TWKBT	Hengchun	2.00 203	P	Pn	12 06 37.1	+0.8
TWKBT	baz=203		eS	Sn	12 07 00.6	+0.4
VCHM	Qimei	2.11 254	eP	Pn	12 06 37.4	-0.5
VCHM	baz=254		S	Sn	12 07 03.2	+0.2
JKRS	Kuro-shima	2.21 78	P	Pn	12 06 40.6	+1.4
JKRS	baz=283		S	Sn	12 07 06.7	+1.4
JIJ	Ishigaki jima	2.35 76	P	Pn	12 06 41.6	+0.4
JISG	Ishigakijimahi	2.56 72	P	Pn	12 0	

WHP	baz=19 Taichung City	1.76 344	↑P	Pb	14 31 44.5	-0.6	SSE	comp=E,500nm,1.0s	Sheshan	8.49 358	P	Pn	14 33 20.4	+5.5	LZH		SS	SnSn	14 40 01.2	+6.5	
WHP	baz=354		S	Sb	14 32 06.7	-0.1	SSE				S	Pmax	14 34 51.2	+1.3	LZH	comp=Z,44nm,1.3s	pmax	pmax			
NNSB	baz=354 Datong	1.84 358	↑P	Pn	14 31 43.8	+0.1	SSE	comp=Z,37nm,0.7s				pmax	pmax		LZH	comp=Z,400nm,4.6s	LR	LR			
NNSB	baz=358		eS	Sn	14 32 07.0	+0.7	SSE	comp=Z,140nm,4.3s				LR	LR		LZH	comp=Z,1µm,12.6s	LR	LR			
NNS	baz=358 Nan Shan	1.85 357	P	Pn	14 31 43.7	-0.1	SSE	comp=N,890nm,14.8s				LR	LR		LZH	comp=Z,1µm,13.0s	LR	LR			
ENA	baz=9.0 Nanau	1.86 8	eP	Pb	14 31 43.5	-0.2	NJ2	comp=E,570nm,14.6s	Nanjing	9.72 347	eP	Pn	14 33 31.6	-0.1	BTO	comp=Z,1µm,15.2s	LR	LR			
TWQ1	baz=358 Liyutan	1.87 340	↓P	Pn	14 31 45.6	-1.5	NJ2				sP	S	14 33 39.5		BTO	comp=Z,5µm,15.7s	LR	LR	14 35 52.5	+1.4	
TWQ1	baz=338		S	Sb	14 32 09.1	-1.0	NJ2	comp=Z,30nm,0.5s				S	pmax	14 35 19.7	-0.4	BTO	comp=Z,7µm,17.0s	LR	LR		
EWUT	baz=338 Wuta	1.88 9	eP	Pn	14 31 44.3	+0.2	NJ2	comp=N,180nm,0.8s				smax	smax		TOL2	comp=Z,48nm,0.7s	I	I	21 35 182	P	
EWUT	baz=355		eS	Sn	14 32 07.8	+0.8	NJ2	comp=E,160nm,0.9s				smax	smax		TOL2	comp=Z,2µm,10.1s	pmax	pmax	14 36 03.8		
WDJ	baz=355 Dajia District	1.92 337	eP	Pb	14 31 46.2	-1.6	NJ2	comp=N,3µm,10.1s				LR	LR		TOL2	comp=Z,1µm,13.0s	P	P	21 35 182	P	
WDJ	baz=335		eS	Sb	14 32 10.6	-0.7	NJ2	comp=N,3µm,10.1s				LR	LR		CHTO	comp=Z,1µm,15.2s	P	P	21 35 264	P	
NSY	baz=335 Sanji	1.94 341	P	Pb	14 31 47.0	-1.2	NJ2	comp=E,1µm,10.4s				LR	LR		CHTO	comp=Z,20nm,0.9s	pmax	pmax	21 35 182	P	
NSY	baz=338		S	Sb	14 32 11.7	-0.3	NJ2	comp=Z,3µm,12.9s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
PHUB	baz=338 Peng-hu	1.98 298	P	Pn	14 31 44.7	-0.8	SJMP	comp=Z,3µm,12.9s	San Jose	10.07 182	eP	Pn	14 33 38.2	+1.5	CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
PHUB	baz=297		eS	Sn	14 32 07.2	-2.3	WHN	comp=N,3µm,4.1s	Wuhan	10.17 323	↑P	Pn	14 33 37.6	-0.4	CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
NDT	baz=297 Datong Townshi	2.01 1	eP	Pn	14 31 47.2	+1.3	WHN	comp=N,3µm,4.1s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
PNG	baz=2.0 Penghu	2.02 300	↓P	Pn	14 31 45.7	-0.3	QIZ	comp=E,3µm,6.3s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
PNG	baz=298		iS	Sn	14 32 08.6	-1.9	QIZ	comp=Z,4µm,16.4s	Qiongzhou	11.43 254	P	Pn	14 33 54.9	-0.4	CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
NMLH	baz=339 Miaoli	2.04 342	eP	Pb	14 31 47.8	+1.4	QIZ	comp=Z,110nm,2.0s				S	pmax	14 36 02.3	0.0	CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P
NMLH	baz=339		eS	Sn	14 32 13.6	-1.4	QIZ	comp=N,2µm,14.3s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
TWC	baz=339 Suao	2.05 10	P	Pn	14 31 46.7	+0.2	QIZ	comp=E,2µm,15.7s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
ENTT	baz=358 Nioudou	2.05 2	eP	Pn	14 31 47.3	+0.8	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
NDS	baz=358 Dongshan	2.06 6	eP	Pn	14 31 47.2	+0.6	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
YHNB	baz=358 Yeheng	2.08 358	eP	Pn	14 31 47.9	+0.9	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
YHNB	baz=10.0		Pn	Pn	14 31 47.9	+0.9	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
YHNB	baz=358		P	Pn	14 31 48.7	+1.7	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
YHNB	baz=345		S	Sb	14 32 14.3	-1.9	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
NSK	baz=345 Sanguang	2.09 357	eP	Pn	14 31 47.8	+0.7	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
NSK	baz=9.0		eS	Sn	14 32 13.5	+1.2	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
LIOB	baz=347 Emei	2.10 349	eP	Pn	14 31 48.3	+1.2	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
TWE	baz=5.0 Neicheng	2.14 5	eP	Pn	14 31 48.3	+0.6	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
BBP	baz=13 Basco	2.18 168	↓P	Pn	14 31 48.6	+0.4	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
NWL	baz=13	2.19 1	eP	Pn	14 31 48.9	+0.5	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
SBCB	baz=347 Hsinchu	2.25 349	eP	Pn	14 31 50.3	+1.1	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
HSN	baz=348 Hsinchu	2.26 348	eP	Pn	14 31 50.7	+1.4	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
NTC	baz=358 Toucheng	2.29 8	eP	Pn	14 31 49.9	+0.2	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
JYNG	baz=52 Yonagunijimaku	2.30 36	P	Pn	14 31 50.9	+1.0	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
JYNG	baz=52		S	Sn	14 32 17.8	+0.3	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
YOJ	baz=52		eS	Sn	14 31 51.1	+0.6	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
YOJ	baz=52		P	Pn	14 32 17.9	-0.7	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
YOJ	baz=52		eS	Sn	14 31 51.5	+0.9	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
YOJ	baz=52		P	Pn	14 32 18.4	+0.2	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
YOJ	baz=52		P	Pn	14 31 51.4	+0.9	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
YOJ	baz=52		Pn	Pn	14 31 51.4	+0.9	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
YOJ	baz=52		Pn	Pn	14 31 52.2	+1.7	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
NHHD	baz=12 Xindian Distri	2.37 1	eP	Pn	14 31 52.6	+1.7	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
TATO	baz=12 Taipai	2.38 0	Pn	Pn	14 31 52.0	+1.0	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
TWA	baz=4.0 Mucha	2.39 3	eP	Pn	14 31 52.4	+1.2	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
NCU	baz=337 National Centr	2.39 354	eP	Pb	14 31 53.6	-2.4	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
TWB1	baz=358 Santiao Chiao	2.46 11	eP	Pn	14 31 53.0	+1.7	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
NWF	baz=359 Wu-fen Shan	2.50 7	P	Pn	14 31 54.1	+1.5	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
TWS1	baz=5.0 Kuangyingshan	2.51 359	eP	Pn	14 31 55.1	+2.3	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
YMO1	baz=10.0 YMO1	2.56 2	eP	Pn	14 31 54.6	+1.1	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
ANP	baz=360 Anpu	2.59 1	eP	Pb	14 31 56.9	-2.5	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
HATJ	baz=13 Hateruma jima	2.60 55	P	Pn	14 31 55.0	+1.0	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
HATJ	baz=1.0		eP	Pn	14 32 24.5	-0.4	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
TWY	baz=1.0		eP	Pn	14 31 57.7	+2.5	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
IRIF	baz=1.0		eP	Pn	14 31 56.7	+1.1	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
IRIF	baz=1.0		eS	Sn	14 32 28.5	+0.9	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
JKRS	baz=341 Kuro-shima	2.86 54	S	Sn	14 31 58.3	+1.2	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
JKRS	baz=341		S	Sn	14 32 30.9	-0.3	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
JJJ	baz=341		S	Sn	14 32 00.6	+0.7	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
JJJ	baz=341		S	Sn	14 32 34.2	-1.2	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
PTMZ	baz=319 Houxiangcun	3.26 319	eP	Pn	14 32 02.5	-0.6	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
JISG	baz=319		eS	Sn	14 32 03.9	+0.5	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
JISG	baz=319		eS	Sn	14 32 39.9	-1.8	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 182	P	
KNM	baz=298		eS	Sn	14 32 05.3	+1.2	QIZ	comp=Z,2µm,14.5s				LR	LR		CHTO	comp=Z,20nm,0.9s	P	P	21 35 264	P	
KNM	baz=298		eS	Sn	14 32 43.2	+0.3	QIZ	comp=Z,2µm,14.5s				LR	LR								

3d 14h

Table with columns for station name, frequency, mode, and coordinates. Includes stations like SONM Songino Array, LSA Lhasa, LSA comp-Z,740nm,10.3s, etc.

2015 DEC

Table with columns for station name, frequency, mode, and coordinates. Includes stations like KSH comp-Z,5.0nm,0.6s, COEN Coen, COEN comp-Z,54nm,0.8s, etc.

130

Table with columns for station name, frequency, mode, and coordinates. Includes stations like RMQ Roma, SVE Sverdlvovsk, EIDS Eidsvold, etc.

SPCR	Spurr Chakacha	68.73	31	P	P	14 42 15.5 +0.4
COLD	Coldfoot	68.77	25	P	P	14 42 16.2 +1.0
OHAK	Old Harbor	68.78	36	P	P	14 42 15.6 +0.3
TOLK	Toolik Lake Re	68.81	23	P	P	14 42 16.3 +0.8
MLY	Manley	68.85	27	P	P	14 42 16.3 +0.6
BPWA	Bear Paw Mtn.	68.88	28	P	Iamb	14 42 15.6 -0.3
OBN	Obninsk	68.92	322j	eP	*PP	14 42 14.2 -2.0
OBN					*SP	14 42 23.7 -2.8
OBN					pmax	
TRF	Thorofare Moun	69.28	29	P	P	14 42 19.2 +0.6
I23K	Minto, Yukon-K	69.41	27	P	P	14 42 19.5 +0.4
CUTK	Chuitna	69.46	30	P	P	14 42 19.8 +0.4
CNPM	China Poot	69.47	33	P	P	14 42 19.1 -0.5
NEA2	Nenana	69.62	27	P	P	14 42 21.1 +0.6
MACK	McKinley	69.83	28	P	P	14 42 22.5 +0.4
H24K	Noodor Dome	69.90	26	P	P	14 42 22.5 +0.3
H24K	Noodor Dome	69.90	26	P	P	14 42 23.0 +0.9
MDM	Murphy Dome	69.92	27	P	Iamb	14 42 21.9 -0.4
MDM					Iamb	14 42 24.1
RC01	Rabbit Creek A	69.93	31	P	P	14 42 21.9 -0.6
WRH	Wood River Hill	70.06	27	P	P	14 42 23.0 +0.1
TCOL	CIGO, UAF Yank	70.09	27	P	P	14 42 25.0 +1.7
COLA	College	70.09	27j	eP	pmax	14 42 23.3 0.0
COLA					pmax	
PMBR	Palmer	70.13	31	P	P	14 42 23.4 -0.2
GHO	Glory Hole Cre	70.19	30	P	Iamb	14 42 23.4 -0.7
GHO					Iamb	14 42 26.7
POKR	Poker Plat Res	70.22	27	P	Iamb	14 42 23.1 -1.1
POKR					Iamb	14 42 26.8
POKR	Poker Plat Res	70.22	27	P	P	14 42 25.3 +1.1
SML	Sawmill	70.46	30	P	Iamb	14 42 25.1 -0.7
SML					Iamb	14 42 29.2
SML	Sawmill	70.46	30	P	P	14 42 25.9 +0.2
KNK	Knik Glacier	70.48	31	P	P	14 42 25.9 +0.1
ILAR	Elison Array	70.52	27	P	P	14 42 24.9 -1.0
ILAR					LR	15 17 32.6
ILLR	Elison Array	70.52	27	P	P	14 42 25.0 -1.0
KEV	Kevo	70.56	338	P	P	14 42 25.9 -0.2
KEV					pmax	
KEV					pmax	
HVD	Kevo	70.56	338	P	P	14 42 25.9 -0.2
HDA	Harding Lake	70.56	27	P	P	14 42 24.5 -1.8
WAT6	Susitna Watana	70.58	29	P	P	14 42 26.1 -0.4
DHY	Denali Highway	70.64	29	P	P	14 42 26.5 -0.4
DHY	Denali Highway	70.64	29	P	P	14 42 27.2 +0.3
PWL	Port Wells	70.65	31	P	Iamb	14 42 26.5 -0.4
PWL					Iamb	14 42 28.1
PWL	Port Wells	70.65	31	P	P	14 42 26.7 -0.1
BMAR	Burnt Mountain	70.88	24	P	P	14 42 27.9 -0.3
SCMR	Sheep Creek Mo	70.92	30	P	P	14 42 28.6 0.0
SPB2	Spitsbergen Ar	71.10	348	P	P	14 42 29.2 -0.1
SPA0	Spitsbergen Ar	71.10	348	eP	P	14 42 29.6 +0.3
SPITS	Spitsbergen Ar	71.10	348	P	pmax	14 42 29.1 -0.2
SPITS					pmax	
ARAO	ARCESS Array S	71.12	338	eP	P	14 42 30.2 +0.7
ARCES	ARCESS Array B	71.12	338	P	P	14 42 29.4 -0.1
ARCES					LR	15 17 07.7
ARCES	ARCESS Array B	71.12	338	P	P	14 42 29.0 -0.5
ARCES					pmax	
ARCES	ARCESS Array B	71.12	338	P	P	14 42 29.0 -0.5
ARCES					pmax	
M24K	M24K	71.13	338	P	P	14 42 29.0 -0.5
M24K	Tolsona, Glenn	71.39	30	P	P	14 42 30.9 +0.5
M24K	Tolsona, Glenn	71.39	30	P	P	14 42 31.9 +0.5
PAX	Paxson	71.52	29	P	P	14 42 32.6 +0.5
RIGD	Independent Ri	71.61	28	P	P	14 42 33.3 +0.5
KLU	Klutina	71.65	30	P	P	14 42 33.2 +0.3
SCRK	Sand Creek	71.92	28	P	P	14 42 34.0 -0.6
J26L	Joseph Creek	71.97	27	P	P	14 42 34.1 -0.7
KTK1	Kautokineo	72.03	338	eP	P	14 42 35.5 +0.4
N25K	Chitna, Valde	72.24	30	P	P	14 42 36.7 +0.1
BMRM	Bremner River	72.40	31	P	P	14 42 37.8 +0.3
L26K	Log Cabin Wild	72.44	28	P	P	14 42 38.2 +0.6
GLB	Gilahina Butte	72.65	30	P	P	14 42 38.0 -0.9
M26K	Nabesna, AK	72.76	29	P	P	14 42 40.6 +1.0
JETT	Jettan, Norway	72.83	339	eP	P	14 42 40.9 +1.1
FIA1	FINESS Array S	72.96	330	P	P	14 42 39.9 -0.7
FINES	FINESS Array B	72.96	330	P	P	14 42 40.4 -0.2
FINES					LR	15 19 24.5
FINES	FINESS Array B	72.96	330	iP	pmax	14 42 40.9 +0.3
FINES					pmax	
MCARA	McCarthy VSAT	73.03	30	P	P	14 42 40.3 -0.3
L27K	Beaver Creek,	73.10	28	P	P	14 42 42.4 +0.9
BCAR	Beaver Creek A	73.11	28	P	P	14 42 41.2 -0.4
CRQUE	Cirque	73.17	31	P	P	14 42 42.9 +0.7
M27K	Edge Creek, AK	73.28	29	P	P	14 42 42.5 -0.2
M27K	Edge Creek, AK	73.28	29	P	P	14 42 43.8 +1.1
TRO	Tromsø	73.30	339	eP	P	14 42 43.7 +0.7
DAWY	Dawson	73.84	27	P	P	14 42 46.1 +0.2
MESA	MESA	73.88	31	P	P	14 42 45.8 -0.6
CTG	Chitna Glacier	73.93	30	P	P	14 42 47.8 +1.2
NOR	Nord	73.95	354	iP	Iamb	14 42 44.7 -1.5
NOR					Iamb	14 42 47.0
AKASG	Malin Array Be	74.24	319	P	P	14 42 47.5 -0.9
AKASG					LR	15 17 46.1
BRTR	Keskin Array B	74.33	307	P	P	14 42 50.0 +0.7
BRTR					LR	15 18 57.3
BRTR	Keskin Array B	74.33	307	iP	pmax	14 42 51.0 +1.6
BRTR					pmax	
NACGM	Naroch	74.45	323	iP	P	14 42 45.2 -4.3
INK	Inuvik	74.61	22	P	P	14 42 49.8 -0.4

INK	Inuvik	74.61	22	P	P	14 42 49.9 -0.2
PINM	Pinnacle	74.71	31	P	P	14 42 52.2 +1.1
MMAI	Mount Meron Ar	74.91	300	P	P	14 42 53.4 +0.6
STEI	Steigen	75.17	338	eP	P	14 42 53.5 0.0
PNL	Peninsula	75.26	31	P	P	14 42 53.8 -0.4
FAUS	Fauske	75.38	337	eP	P	14 42 55.6 +1.0
M30M	Minto, Yukon	75.44	28	P	P	14 42 56.2 +1.0
PABE	Paberze	75.80	324	eP	P	14 42 57.1 -0.1
MOR8	Moi Rana	76.18	336	eP	P	14 42 59.0 -0.3
M31M	Drury Creek, Y	76.28	28	P	P	14 43 01.7 -0.2
SUW	Suwalki	77.73	323	eP	P	14 43 01.8 -0.8
KAG	Kagayak	77.27	31	P	P	14 43 04.7 -0.8
NSS	Namsos	77.83	335	eP	P	14 43 09.9 +0.4
MLR	Muntele Rosu	77.95	314	P	P	14 43 09.1 -0.7
MLR	Muntele Rosu	77.95	314	P	P	14 43 08.2 -1.6
MLR					pmax	
MLR					pmax	
MLR	Muntele Rosu	77.95	314	P	P	14 43 08.2 -1.6
DAG	Danmarks Havn	77.98	351	iP	Iamb	14 43 08.0 -1.2
DAG					Iamb	14 43 10.0
NC405	NORSAR Array S	79.51	332	P	P	14 43 16.6 -1.4
CRVS	Cervenica-Dubn	79.58	319	eP	P	14 43 22.4 +3.8
CRVS	Cervenica-Dubn	79.58	319	eP	P	14 43 22.4 +3.8
NB2	NORSAR Subarra	79.76	332	P	P	14 43 17.7 -1.6
NB2					LR	15 22 39.5
NOA	NORSAR Array B	79.76	332	P	P	14 43 18.5 -0.9
NOA					LR	15 22 39.5
NC204	NORSAR Array S	79.84	333	P	P	14 43 18.3 -1.5
URZ	Urewera	79.91	139	P	P	14 43 19.7 -0.6
NA001	NORSAR Array B	79.98	332	P	P	14 43 19.4 -1.2
NEEM	North Greenlan	80.09	358	iP	Iamb	14 43 21.3 +0.1
NEEM					Iamb	14 43 21.6
BKZ	Black Stump Fm	80.11	140	P	Iamb	14 43 20.8 -0.6
BKZ					Iamb	14 43 24.4
DOMB	Dombas	80.17	334	eP	P	14 43 22.1 +0.6
DBG	Daneborg	80.21	350	iP	Iamb	14 43 21.0 -0.5
DBG					Iamb	14 43 22.5
MOL	Molde	80.51	335	eP	P	14 43 23.2 0.0
AKN	Aaknes	80.94	334	eP	P	14 43 26.9 +1.3
VYHS	Vyhne	81.34	319	eP	P	14 43 28.2 +0.2
VYHS	Vyhne	81.34	319	eP	P	14 43 28.2 +0.2
KRLC	Kraljic	81.89	321	eP	P	14 43 31.5 +0.5
KRLC	Kraljic	81.89	321	eP	P	14 43 31.5 +0.5
DKC	Dobruska-Polom	82.04	321	eP	P	14 43 32.2 +0.5
DKC	Dobruska-Polom	82.04	321	eP	P	14 43 32.2 +0.5
ASK	Askoy	82.58	333	eP	P	14 43 35.1 +0.8
CONA	Conrad Observa	83.38	319	eP	P	14 43 39.0 +0.2
CLR	Collin	83.49	323	eP	P	14 43 38.0 -1.1
CLR	Collin	83.49	323	eP	P	14 43 38.0 -1.1
ITM	Ithomi	83.84	308	P	P	14 43 40.2 -1.1
CKRC	Cesky Krumlov	83.90	321	eP	P	14 43 45.8 +4.0
SUMG	Summit	84.12	354	P	P	14 43 41.5 -1.0
SUMG					Iamb	14 43 43.1
KHC	Kasperske Hory	84.18	321	eP	P	14 43 42.7 -0.1
KHC	Kasperske Hory	84.18	321	eP	P	14 43 42.7 -0.1
GERES	GERES Array B	84.24	321	eP	P	14 43 42.8 -0.4
GERES					LR	15 23 13.6
YKA	Yellowknife Ar	84.34	29	P	P	14 43 42.7 -0.6
MOA	Molin	84.37	320	eP	P	14 43 44.7 +1.0
SOKA	Soboth	84.44	318	eP	P	14 43 44.1 -0.1
KMBO	Kilima Mbogo	85.09	267	P	P	14 43 47.8 -0.5
ZOU	Zouplian	85.76	319	P	Iamb	14 43 50.0 -0.9
ZOU					Iamb	14 43 59.4
ABTA	Abfaltersbach	85.94	319	eP	P	14 43 52.1 +0.3
WTTA	Wattenberg	86.22	320	eP	P	14 43 54.4 +1.2
MOTA	Moosalm	86.49	320	eP	P	14 43 55.2 +0.7
DAVOX	Davos/Dischmat	87.50	320	P	P	14 44 00.1 +0.6
ICESG	Greenland Ice	87.57	353	Iamb	Iamb	14 43 58.3 -1.3
ICESG					Iamb	14 44 00.7
EKA	Eskdaleimur Ar	89.24	332	P	P	14 44 07.8 +0.5
DY2G	Dye2	90.74	355	iP	Iamb	14 44 13.5 -0.9
DY2G					Iamb	14 44 15.2
KEST	Kesra	93.51	311	P	P	14 44 27.1 -0.5
ESDC	Sonsecra Array	98.83	320	LR	LR	15 31 37.9
SYO	Syowa Base	108.00	202j	ePdiff	Pdiff	14 45 30.6 -0.9
SYO	Syowa Base	108.00	202j	ePdiff	Pdiff	14 45 40.8 +1.8
TORD	Toril Ar, Bea	111.15	295	P	PKIKP	14 49 44.4 -1.5
TXAR	Lajitas Array	112.53	42	PKIKP	PKIKP	14 49 46.6 -1.7
DBIC	Dimboko	119.99	292	P	PKIKP	14 50 02.9 -0.1
SNA2	Sanae	121.80	198	PKPdf	PKPdf	14 50 04.4 -0.4
UN01	Neumayer-Watz	123.45	198	PKPdf	PKPdf	14 50 06.9 -0.9
UN01					LR	15 40 08.6 -1.1
VNA3	Neumayer-Stat	123.94	198	PKPdf	PKPdf	14 50 07.0 -0.6
PLCA	Paso Flores	159.25	153	PKPab	PKPab	14 51 46.3 -0.8

ROCH	ROCH	comp=N,761nm,0.3s	eS	Sn	14 49 32.1 +0.3	
ROCH			IAML		14 49 49.8	
MT02	Curacav	2.90	162	eP	Pn	14 49 50.0
MT02			eS		14 49 37.2 -0.1	
MT02			IAML		14 49 55.0	
MT02		comp=E,258nm,0.4s	2.90	162	Pn	14 49 03.8 +1.1
PEL	Peledue	2.94	154	eP	Pn	14 49 04.2 +0.9

Table with columns for station name, frequency, power, and other technical details. Includes stations like CAPN Captain Cook N, RDOG Red Dog Mine, K20K Telida, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAW Mawson, MDM Murphy Dome, N25K Chitina Valde, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YBH Yreka Blue Hor, YBH Yreka Blue Hor, L04D Klamath Falls, etc.

3d 15h

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

NEIC 03 15:32:02.2.2.7.3.12S:0.06:75.73W:0.07, h110km, 7km, mb4.8/53, Error ellipse: s-maj=10.5km s-min=8.5km

VAO 03 15:32:04.0.4.3.06S:75.59W, h125km, mb4.4 IDC 03 15:32:04.2.0.5.3.18S:75.72W, h131km, 5km, mb3.8/13, mb1.4/0.18, mb1mx3.8/39, mbtmp4.2/18, MS3.8/2, Ms1.3.8/2, ms1mx2.9/36, Error ellipse: s-maj=12.8km s-min=10.8km az=93.0

ISC 03 15:32:00.8.0.3.3.11S:10.04:75.76W:0.05, h100km, n196, z=211/198, mb4.6/27.2C, Northern Peru

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

2015 DEC

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

136

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

NEIC 03 15:41:15.9.2.2.5.56N:0.08:127.2E:0.1, h93km, 7km, mb4.2/25, Error ellipse: s-maj=17.7km s-min=9.6km

MAN 03 15:41:15.9.5.55N:127.31E, h57km, mb5.1, ML4.0, MS4.1 DJA 03 15:41:17.4.1.6.5.7N:172.7E, h129km, 13km, M4.3/9, mb4.2/7, mb4.72, MLV4.3/9, Mw(MB)3.9/2 IDC 03 15:41:18.4.1.8.5.57N:126.99W, h114km, 14km, mb3.8/9, mb1.3/9.11, mb1mx3.6/35, mbtmp4.2/11, Error ellipse: s-maj=54.6km s-min=10.9km az=61.0

ISC 03 15:41:16.3.0.9.5.53N:0.04:127.14E:0.07, h104km, 8km, n57, r146/65, mb4.2/20, 4C-3D, Philippine Islands region

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

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like ASAR Alice Springs, CMAR R Chiang Mai, and MKAR Makanchi Array.

Technical notes and coordinates: IDC 03 15:55:13.3z, MOS 03 15:55:13.3z, NEIC 03 15:55:15.1z, GCMT 03 15:55:17.1z, BUJ 03 15:55:18.0z, ISC 03 15:55:19.0z.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Res. Lists various stations like RPN Rapa Nui, G007 Millado Hill, and VA05 Santo Domingo.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ La Paz, IT0B Itauqui, and various other locations across the region.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like NBNP Ponto Novo, MONP2 Monument Peak, and various other locations.

3d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like ASAR, CMAR, and UDAN.

UDC 03 17:59:45.9.1.2, 20.5N:0.3:94.8E:0.2, h126km, n20, n1527/20, mb3.8/7, Myanmar

Main table for 3d 19h section, listing stations like CMAR, ODAN, TAPN, RAMN, GUN, PKI, PKIN, BSKO, KKN, KGN, DANN, PYUN, AAK, MKAR, KURBB, ZALV, ARU, WRA, AKASG, FINES.

UPP 03 18:00:25.7.0.1, 67.06N:20.93E, h0km, ML2.2, Explosion
UDC 03 18:00:26.7.1.1, 67.09N:21.24E, h0km, mb1.3, 0.3/3, mb1mx2.8/47, mbtmp2.9/3, ML1.9/3, Error ellipse: s-maj=17.7km s-min=8.6km az=111.0

NAO 03 18:00:26.0.9.6, 67.06N:21.30E, ML2.4, BER 03 18:00:28.3.3.2, 66.99N:20.98E, h0km, ML1.8, ML2.4(NAO), Suspected explosion

ISC 03 18:00:25.4.0.8, 67.07N:0.03:20.93E:0.03, h0km, n33, n69/51, Sweden

Main table for 3d 19h section, listing stations like MASU, HARU, RATU, SALU, SALU, LANU, NIKU, KOVU, KALU, SJUU, HEF, HEF, LILU, KIF, KIF, KIF, KTK1, KTK1, KTK1, FAUS, FAUS, FAUS, JETT, ARAO, ARAO, ARAO, ARCES, ARCES, APAO, APAO, APAO, FIAO, FIAO, FIAO, FINES, FINES, NOA, NOA, NOA, NRAO, NRAO, HFS, HFS.

NOU 03 18:34:55.7, 14.77S:167.08E, h81km, MLv4.5/11, Vanuatu Islands, Vanuatu Islands

Table for Vanuatu Islands section, listing stations like SANVU, DVP, MARNC, YATNC, NOUC, ONTNC, OUENC.

2015 DEC

UDC 03 18:54:10.2.5.8, 36.13N:140.33E, h75km, 45km, mb3.0/2, mb1.3.2/3, mb1mx3.0/37, mbtmp3.4/3, ML2.9/1, Error ellipse: s-maj=59.4km s-min=32.5km az=67.0
JMA 03 18:54:11.8.35.97N:140.09E, h61km, M3.2 Broadband fault plane solution: P waves. NP1: 208.000000, delta1.000000, lambda1.09.000000. NP2: 8.000000, delta2.000000, lambda2.84.000000. Principal axes: T Plg61.000000, Azm270.000000; N Plg6.000000; Azm10.000000; P Plg28.000000; Azm103.000000;

JMA F011: ISC 03 18:54:10.8:1.2, 35.98N:0.06:140.16E:0.08, h69km, 9km, n13, n088/20, 1C-5D, Near east coast of eastern Honshu

Table for 2015 DEC section, listing stations like Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like Code, Station Name, Azimuth, Phase ID, Time Res, ISC.

TAP 03 18:56:13.9, 24.85N:122.02E, h9km, ML1.9, D, Taiwan region

Main table for 2015 DEC section, listing stations like Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like EGS, TWB1, TWB1, NTC, NTC, TIPB, TIPB, ILA, ILA, TWC, TWC, NWF, NWF, TWE, TWE, NDS, NDS, TWA, TWA, EWUT, EWUT, ENA, ENA, TAP, TAP, YMO1, YMO1, NDT, NDT, TWY, TWY, YHNB, YHNB, NNS, NNS, NNSB, NNSB, ETL, ETL, NACB, NACB, PCYT, PCYT, PCYT, ETL, FUSS, FUSS, LIOB, LIOB.

JMA 03 19:08:13.4.0.2, 23.99N:122.43E, h21km, 4km, M2.2 TAP 03 19:08:14.2, 24.09N:122.44E, h4km, 1km, ML2.8, 0 ISC 03 19:08:13.9:1.0, 24.05N:122.41E:0.02, h27km, 12km, n51, n066/88, Taiwan region

140

Main table for 140 section, listing stations like Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like Code, Station Name, Azimuth, Phase ID, Time Res, ISC.

UDC 03 19:13:36.0.0.9, 34.56S:109.45W, h0km, mb3.9/7,

mb1 4.2/7, mb1mx4.0/31, mbtmp3.9/7, MS4.2/11, MS1.4/11, ms1mx4.0/21, Error ellipse: s-maj=29.7km s-min=25.3km az=37.0
 NEIC 03 19:13:38.2±0.34, 82±0.10; 109:3W, 0.2; h10km, 1km, mb4.8/15, Error ellipse: s-maj=28.6km s-min=15.9km az=264.0
 GCMT 03 19:13:39.2±0.3, 34.71±0.03; 109:17W, 0.02; h19km, 1km, MV4.9/89, Moment Tensor Solution. s26,c31; s89,c12; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr-1.97±.21; Mw-0.6±.13; Mb±0.6±.14; Mw±0.81±.36; Mw±1.63±.11; Mw±0.1±.25; Best double couple; M2:90100×10¹⁶ Np1±0.187, 0.000±.350, 0.000±.1-45, 0.000±.0; NIP2: 0±310, 0.000±.857, 0.000±.1-130, 0.000±.0; Principal axes: T 3.3440, P1g4.0000, Azm67.0000; N -0.8920, P1g3.0000, Azm334.0000; P -2.4570, P1g57.0000, Azm164.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 03 19:13:37.4±0.6, 34.73±0.1; 109:5W, 0.1; h10km, n51, e±15/37, mb4.5/13, MS4.3/12, Southern East Pacific Rise

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res	ISC
						h m s	h m s	ISC
PLCA	Paso Flores	31.20	113	P	P	19 19 57.6	+0.8	
PLCA	Paso Flores	31.20	113	P	P	19 20 16.1		
ZON	Zonda	34.15	96	P	P	19 20 20.8	-1.9	
LVC	Limon Verde	37.33	82	P	P	19 20 50.5	+0.1	
LVC	Limon Verde	37.33	82	P	P	19 20 54.0	+0.1	
PB09	IPOC Station P	37.44	81	P	P	19 20 52.1	+0.9	
PB09	IPOC Station P	37.44	81	P	P	19 20 55.8		
MEH	Mehetia	38.16	286	eT	T	20 01 18.6		
PB08	IPOC Station P	38.33	79	P	P	19 20 58.1	-0.8	
TIAR	Tiarei	39.36	285	eT	T	20 02 48.7		
PPT2	Papeete2	39.52	285	eS	S	19 27 08.7	-2.4	
PPT2	Papeete2	39.52	285	eS	S	19 31 53.8		
PPT	Papeete	41.21	74	P	P	19 32 47.9		
LPZA	La Paz	41.21	74	P	P	19 21 23.4	+0.2	
LPZA	La Paz	41.21	74	P	P	19 34 55.3		
LPZA	La Paz	41.21	74	P	P	19 21 21.8	-1.5	
ITQB	Itaqi	44.59	99	P	P	19 21 48.7	-1.0	
CPUP	Villa Florida	45.27	94	LR	LR	19 37 23.2		
RAR	Rarotonga	45.98	273	LR	LR	19 37 15.8		
PTLB	Pontes e Lacer	48.90	80	P	P	19 22 23.5	-0.2	
PTLB	Pontes e Lacer	48.90	80	P	P	19 22 25.1		
SAML	Samuel	49.43	70	P	P	19 22 27.5	-0.2	
ROSC	Ei Rosal	51.37	47	LR	LR	19 40 26.2		
QSPA	South Pole Qui	55.55	180	P	P	19 23 13.6	+1.0	
QSPA	South Pole Qui	55.55	180	P	P	19 23 13.1	+0.4	
QSPA	South Pole Qui	55.55	180	P	P	19 23 21.4		
VNDA	Vanda	56.19	195	LR	LR	19 42 22.7		
BDFB	Brasililia	57.91	87	LR	LR	19 45 57.9		
VNA3	Neumayer Olymp	60.65	159	P	P	19 23 49.5	+1.4	
VNA1	Neumayer-Sid	61.30	160	P	P	19 23 42.1	+1.7	
VNA2	Neumayer-Watz	61.46	159	P	P	19 23 54.3	+0.7	
SNA4	Sanae	62.47	160	P	P	19 24 01.0	+0.6	
SNA4	Sanae	62.47	160	P	P	19 24 08.0	+0.1	
SNA4	Sanae	62.47	160	P	P	19 24 02.2		
TXAR	Lajitas Array	63.87	6	P	P	19 24 11.9	+1.7	
X16A	Lo Mia Camp	68.73	358	P	P	19 24 42.6	+1.2	
X16A	Lo Mia Camp	68.73	358	P	P	19 24 59.4		
NVAR	Mina Array	71.37	353	P	P	19 25 08.2	-0.1	
P17A	Butcher Ranch	78.17	357	P	P	19 25 12.1	+0.4	
PDAR	Pinedale Array	79.04	360	P	P	19 25 29.1	-1.4	
PDAR	Pinedale Array	79.04	360	P	P	19 25 30.4	-0.2	
HLID	Halley	79.97	356	P	P	19 25 37.3	+1.7	
HLID	Halley	79.97	356	P	P	19 25 44.2		
RSSD	Black Hills	78.55	4	P	P	19 25 40.5	+1.6	
STKA	Stephens Creek	86.00	234	LR	LR	19 58 35.6		
H1S2	WAKE ISLAND	91.41	289	T	T	21 13 06.6		
H1S1	WAKE ISLAND	95.43	289	T	T	21 13 08.5		
H1S3	WAKE ISLAND	95.43	289	T	T	21 13 07.2		
ASAR	Alice Springs	96.49	236	LR	LR	20 10 20.4		
WRA	Warramunga Arr	98.66	239	LR	LR	20 08 49.8		
AKASG	Malin Array Be	146.19	49	PKPbc	PKPbc	19 33 15.0	-1.3	
ULN	Ulanbaatar	149.84	307	PKPbc	PKPbc	19 33 27.3	-0.2	
CMAR	Chiang Mai Arr	150.05	245	PKPbc	PKPbc	19 33 29.6	+0.9	
CMAR	Chiang Mai Arr	150.05	245	PKPbc	PKPbc	19 33 22.8	-0.9	
SOMM	Songino Array	150.27	307	PKPbc	PKPbc	19 33 27.7	-0.9	
SOMM	Songino Array	150.27	307	PKPbc	PKPbc	19 33 27.2	-1.3	
BRTR	Keskin Array B	150.31	69	PKPbc	PKPbc	19 33 27.4	-1.6	
BRTR	Keskin Array B	150.31	69	PKPbc	PKPbc	19 33 28.8	-0.1	
MKAR	Makanchi Array	164.97	327	PKPab	PKPab	19 34 39.3	+1.4	
MKAR	Makanchi Array	164.97	327	PKPab	PKPab	19 34 39.3	+1.4	

ISC 03 19:16:57.6±17.0, 0.815±127.49E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/36, mbtmp3.4/3, Error ellipse: s-maj=262.6km s-min=160.0km az=152.0, Halimahera

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res	ISC
						h m s	h m s	ISC
WRA	Warramunga Arr	20.16	161	P	P	19 21 34.9	-0.7	
ASAR	Alice Springs	23.56	165	P	P	19 22 09.4	-0.6	
STKA	Stephens Creek	33.66	158	P	P	19 23 40.0	-0.3	
NOU 03	19:19:59.2, 14.66S, 167.45E, h128km, MLV4.3/9, Vanuatu Islands, Vanuatu Islands							
SANVU	Saraoutou	0.82	197	P	P	19 20 20.4	+0.1	
DVP	Devils Point	1.33	167	P	P	19 20 47.6	+0.2	
YATNC	Mamie Plateau	7.38	184	P	P	19 21 42.5	-1.8	
NOUC	Port Laguerre	7.48	188	P	P	19 21 45.8	+0.1	
OUCNC	Ouen Island, N	7.74	184	P	P	19 21 51.2	+0.1	

ISC 03 19:48:33.3±1.3, 31.48N, 49.60E, h0km, mb3.5/8, mb1 3.7/12, mb1mx3.5/46, mbtmp3.6/12, ML3.8/4, MS3.6/2, MS1 3.6/2, ms1mx2.8/51, Error ellipse: s-maj=26.5km s-min=21.1km az=180.0
 THR 03 19:48:36.4, 31.49N, 49.64E, h9km, ML3.5
 THR 03 19:48:37.2, 1.1, 31.48N, 49.67E, h15km, 999km, ML3.2
 DSN 03 19:48:44.9, 1.2, 30.64N, 49.68E, h10km, ML3.3/8, Error

ellipse: s-maj=17.3km s-min=7.1km az=10.0
 OMAN 03 19:48:46.7, 1.1, 30.56N, 49.72E, h10km, mb5.1/12, Error ellipse: s-maj=13.8km s-min=7.9km az=33.0
 ISC 03 19:48:34.3±0.5, 31.35N, 0.04, 49.51E, 0.04, h10km, n78, e±257/91, mb3.4/8, Western Iran

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res	ISC
						h m s	h m s	ISC
AMIS	Naft Sefid	0.37	329	eP	Pb	19 48 43.9	+0.9	
AMIS	Naft Sefid	0.37	329	eP	Pb	19 48 55.8		
AHWZ	Ahwaz	0.74	269	eP	Pn	19 48 53.1	+2.3	
AHWZ	Ahwaz	0.74	269	eP	Pn	19 49 16.7		
ABEH	Behbahan	0.98	139	eP	Pn	19 48 56.2	+2.0	
IBRJ	Brojen	1.59	69	e	P	19 49 28.8		
IBRJ	Kolanjah	1.82	100	eP	P	19 49 03.9	+1.1	
IBRJ	Kolanjah	1.82	100	eP	P	19 49 39.4		
KLNJ	Umm Al-Rimmam	2.37	221	eP	Pg	19 49 15.3	-0.4	
IGAR	Gharneh	2.40	63	eP	Pn	19 49 15.5	+1.6	
IGAR	Gharneh	2.40	63	eP	Pn	19 49 49.2		
KHMZ	Khomeyn	2.42	9	eP	Pn	19 49 16.0	+1.9	
KHMZ	Khomeyn	2.42	9	eP	Pn	19 49 16.0	+1.9	
MIB	Mutribah	2.42	231	eP	Pg	19 49 20.4	-0.3	
KAZI	Kazerun	2.52	132	eP	Pn	19 49 19.4	+4.1	
KAZI	Kazerun	2.52	132	eP	Pn	19 50 16.8		
IKFM	Kafar-mosallan	2.59	328	eP	Pb	19 49 19.8	-1.0	
IKLH	Kolahrood	2.63	43	eP	Pn	19 49 19.3	+2.2	
RST	Umm Al-Ruwaisa	2.84	230	eP	Pb	19 49 26.0	+0.8	
AHBZ	Ahmadabad	2.92	148	eP	Pb	19 49 26.3	-0.1	
QRN	Al-Qurrain	2.94	208	eP	Pb	19 49 27.3	+0.5	
RDF	Al-Radifah	2.95	216	eP	Pb	19 49 28.1	+1.1	
NASN	Na'in	3.15	62	eP	Pn	19 49 26.5	+2.2	
NASN	Na'in	3.15	62	eP	Pn	19 50 17.4		
NASN	Na'in	3.15	62	eP	Pn	19 49 26.5	+2.2	
ASAO	Ashtian	3.22	8	eP	Pn	19 49 27.5	+2.3	
ASAO	Ashtian	3.22	8	eP	Pn	19 50 21.9		
ASAO	Ashtian	3.22	8	eP	Pn	19 50 23.2		
ASAO	Ashtian	3.22	8	eP	Pn	19 49 27.5	+2.3	
KRSH	Karshahi	3.43	40	eP	Pn	19 49 29.7	+1.7	
GHRV	Ghom	3.47	25	eP	Pn	19 49 30.5	+2.1	
GHRV	Ghom	3.47	25	eP	Pn	19 50 24.6		
GHRV	Ghom	3.47	25	eP	Pn	19 50 29.8		
GHRV	Ghom	3.47	25	eP	Pn	19 49 30.5	+2.1	
ANAR	Anar	4.02	82	eP	Pn	19 49 37.5	+1.4	
GHIR	Ghir-Karzin	4.29	134	eP	Pn	19 49 43.3	+3.4	
GHIR	Ghir-Karzin	4.29	134	eP	Pn	19 50 38.1		
GHIR	Ghir-Karzin	4.29	134	eP	Pn	19 50 39.4		
GHIR	Ghir-Karzin	4.29	134	eP	Pn	19 49 43.3	+3.4	
IMEH	Mehriz	4.37	88	eP	Pn	19 49 43.7	+2.8	
YZKH	Yazd	4.45	75	eP	Pn	19 49 43.8	+1.9	
YZKH	Yazd	4.45	75	eP	Pn	19 49 43.8	+1.9	
IMDV	Imdavad	4.72	26	eP	Pn	19 49 43.4	+1.8	
ILAS	Lasjerd	4.95	35	eP	Pn	19 49 49.8	+0.8	
IFIR	Firoozkooch	5.07	31	eP	Pn	19 49 51.9	+1.3	
SAKB	Bahrain	5.42	170	P	P	19 49 56.8	+1.6	
IANJ	Anjlio	5.52	41	eP	Pn	19 49 56.2	-0.6	
SHMA	Al-Shehemyia	5.62	166	P	P	19 50 00.1	+2.2	
IRNA	Tureyana	6.76	187	P	P	19 50 15.2	+3.9	
GENO	Geno	7.02	122	eP	Pn	19 50 20.0	+2.7	
SHME	Shamm	7.86	131	P	P	19 50 31.5	+2.8	
SHME								

3d 23h

Table with columns: AXDP, Station Name, Az, El, Res, Pn, Time, Res. Includes stations like Jialang, Irabujaya, Miyako jima3.

NEIC 03 23:29:48.5 ± 0.1, 206S±0.4, 71.4W±0.2, h623km, 10km, mb4.0/15, Error ellipse: s-maj=24.4km s-min=4.1km az=97.0

IDC 03 23:29:49.4 ± 2.3, 10.33S±7.1, 30W±638km, 35km, mb3.0/7, mb1.3/2.8, mb1mx2.9/2.7, mbtmpr3.9/8, Error ellipse: s-maj=37.0km s-min=24.5km az=42.0

ISC 03 23:29:49.1 ± 0.6, 10.33S±0.19, 71.4W±0.1, h650km, n38, r132/38, mb3.8/1.1, Peru-Brazil border region

Main table for 3d 23h section with columns: Code, Station Name, Az, El, Res, Pn, Time, Res. Includes stations like Cruzeiro do Su, Extrema, La Paz, etc.

FUNIV 03 23:45:36.5 ± 8.47N±7.1, 51W±h3km, MW3.0, ISC 03 23:45:34.6 ± 1.5, 8.48N±0.04, 71.50W±0.04, h4km±15km, n13, r130/25, Venezuela

Main table for FUNIV section with columns: Code, Station Name, Az, El, Res, Pn, Time, Res. Includes stations like Socops, Capacho, Torococo, etc.

BUI 03 23:55:53.0 ± 0.0, 0.10N±123.70E, h139km, mb5.0/18, mb4.7/41

NEIC 03 23:55:54.5 ± 1.5, 0.08N±0.08, 123.64E±0.06, h133km, 6km, mb4.6/68, Error ellipse: s-maj=11.1km s-min=8.1km az=196.0

DJA 03 23:55:54.6 ± 0.1, 0.12N±123.4E±, h120km±2km, M4.7/45, mb5.2/19, mb4.7/45, MLV5.0/24, Mw(mb)4.6/19

IDC 03 23:55:55.1 ± 0.7, 0.06N±123.62E, h144km±6km, mb4.1/22, mb1.4/3.28, mb1mx0.4/4, mbtmpr4.6/28, MS3.4/4, Ms=1.3/4, ms1mx3.0/31, Error ellipse: s-maj=1.2km s-min=0.8km az=77.0

ISC 03 23:55:54.5 ± 0.5, 0.09N±0.04, 123.66E±0.04, h138km±4km, n200, r133/215, mb4.6/69, 1D, Minahassa Peninsula, Sulawesi

Main table for FUNIV/ISC section with columns: Code, Station Name, Az, El, Res, Pn, Time, Res. Includes stations like Cibinong, Marisa, Ampanga, etc.

2015 DEC

Main table for 2015 DEC section with columns: BNSI, Station Name, Az, El, Res, Pn, Time, Res. Includes stations like Bone, Ambon, MSAI, Kappang, etc.

144

Main table for 144 section with columns: CMAR, Station Name, Az, El, Res, Pn, Time, Res. Includes stations like Chiang Mai, Chiang Mai, Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNUA, GURO, KLMR, H21K, MLY, COLD, RND, ILAR, BRTR, PAX, BMAR, L27K, BARN, AKASG, ARCES, FINES, LSZ, TORD, SCHQ, TXAR, DBIC.

THE 03 23:58:37.8, 37.66N-21.47E, h16km, ML3.5/18, Error ellipse: s-maj=0.9km s-min=0.5km az=162.0

ATH 03 23:58:38.0, 37.69N-21.44E, h26km, 3km, ML3.3/17, Error ellipse: s-maj=3.5km s-min=1.0km az=331.0

ISC 03 23:58:37.8-1.0, 37.67N-21.46E, h18km, 6km, n72, c0.86/98, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VTN, VLN, DRO, DRO, RLS, RLS, LTHK, LTHK, LTHK, LTHK, ITM, ITM, KLV, KLV, LAKA, LAKA, GUR, GUR, ALIK, ALIK, PYL, PYL, PSDA, PSDA, EFF, EFF, TRIZ, TRIZ, VLS, VLS, SERG, SERG, ANX, ANX, KEF4, KEF4, THAL, THAL, KEF3, KEF3, DMLN, DMLN, FSK, FSK.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FSK, FSK, EVGI, EVGI, NYDR, NYDR, DRAG, DRAG, LTK, LTK, EVR, EVR, LK2D, LK2D, LK2D, LK2D, AGG, AGG, VLI, VLI, VLI, VLI, LKR, LKR, ATAL, ATAL, ATHU, ATHU, PDG, PDG, HCY, HCY, TREB, TREB, UPM, UPM, STON, STON, RUD, RUD, BBL, BBL, DIVS, DIVS, HAPS, HAPS, FRGS, FRGS, MORH, MORH, CRES, CRES.

DJA 04 00:20:55.2-1.1, 10.10S-111.11E, h44km, 177km, M3.9/8, mb0.9/3, mB4.9/1, MLV4.0/8, Mw(mB)4.2/1, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UGM, UGM, GMJI, GMJI, SMRI, SMRI, JAGI, JAGI, BLJI, BLJI, CMJI, CMJI, CNJI, CNJI, TWSI, TWSI, PLAI, PLAI.

TUL 04 00:21:23.3-1.2, 36.52N-0.03-99.02W-0.03, h1km, 6km, ML2.5, mb, Lg2/10(NEIC), Error ellipse: s-maj=4.6km s-min=2.6km az=142.0

NEIC 04 00:21:24.2-1.6, 36.53N-0.03-99.99W-0.03, h5km, 2km, Oklahoma Error ellipse: s-maj=5.0km s-min=4.5km az=163.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U32A, U32A, G002, G002, CROK, CROK, KAN14, KAN14, KAN10, KAN10, G002, G002, KAN16, KAN16, KAN08, KAN08, KAN12, KAN12, KAN06, KAN06, KAN01, KAN01, KAN09, KAN09, BCOK, BCOK, OK029, OK029, BLOK, BLOK, OKCF3, OKCF3, OK031, OK031, OK030, OK030, OK034, OK034, T35A, T35A, X34A, X34A, CBKS, CBKS, AMTX, AMTX, LOOK, LOOK, ABTX, ABTX, MSTX, MSTX, HHAR, HHAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like n108, n108, OK032, OK032, G002, G002, KAN14, KAN14, CROK, CROK, KAN17, KAN17, KAN10, KAN10, KAN01, KAN01, KAN16, KAN16, KAN08, KAN08, KAN09, KAN09, KAN06, KAN06, KAN13, KAN13, KAN12, KAN12, BLOK, BLOK, U32A, U32A, U32A, U32A, OK029, OK029, BCOK, BCOK, T35A, T35A, T35B, T35B, OK031, OK031, OK025, OK025, OK034, OK034, OK030, OK030, OKCF3, OKCF3, OKCF4, OKCF4, OKCF5, OKCF5, OKCF6, OKCF6, OKCF7, OKCF7, OKCF8, OKCF8, OKCF9, OKCF9, OKCF10, OKCF10, OKCF11, OKCF11, OKCF12, OKCF12, OKCF13, OKCF13, OKCF14, OKCF14, OKCF15, OKCF15, OKCF16, OKCF16, OKCF17, OKCF17, OKCF18, OKCF18, OKCF19, OKCF19, OKCF20, OKCF20, OKCF21, OKCF21, OKCF22, OKCF22, OKCF23, OKCF23, OKCF24, OKCF24, OKCF25, OKCF25, OKCF26, OKCF26, OKCF27, OKCF27, OKCF28, OKCF28, OKCF29, OKCF29, OKCF30, OKCF30, OKCF31, OKCF31, OKCF32, OKCF32, OKCF33, OKCF33, OKCF34, OKCF34, OKCF35, OKCF35, OKCF36, OKCF36, OKCF37, OKCF37, OKCF38, OKCF38, OKCF39, OKCF39, OKCF40, OKCF40, OKCF41, OKCF41, OKCF42, OKCF42, OKCF43, OKCF43, OKCF44, OKCF44, OKCF45, OKCF45, OKCF46, OKCF46, OKCF47, OKCF47, OKCF48, OKCF48, OKCF49, OKCF49, OKCF50, OKCF50, OKCF51, OKCF51, OKCF52, OKCF52, OKCF53, OKCF53, OKCF54, OKCF54, OKCF55, OKCF55, OKCF56, OKCF56, OKCF57, OKCF57, OKCF58, OKCF58, OKCF59, OKCF59, OKCF60, OKCF60, OKCF61, OKCF61, OKCF62, OKCF62, OKCF63, OKCF63, OKCF64, OKCF64, OKCF65, OKCF65, OKCF66, OKCF66, OKCF67, OKCF67, OKCF68, OKCF68, OKCF69, OKCF69, OKCF70, OKCF70, OKCF71, OKCF71, OKCF72, OKCF72, OKCF73, OKCF73, OKCF74, OKCF74, OKCF75, OKCF75, OKCF76, OKCF76, OKCF77, OKCF77, OKCF78, OKCF78, OKCF79, OKCF79, OKCF80, OKCF80, OKCF81, OKCF81, OKCF82, OKCF82, OKCF83, OKCF83, OKCF84, OKCF84, OKCF85, OKCF85, OKCF86, OKCF86, OKCF87, OKCF87, OKCF88, OKCF88, OKCF89, OKCF89, OKCF90, OKCF90, OKCF91, OKCF91, OKCF92, OKCF92, OKCF93, OKCF93, OKCF94, OKCF94, OKCF95, OKCF95, OKCF96, OKCF96, OKCF97, OKCF97, OKCF98, OKCF98, OKCF99, OKCF99, OKCF100, OKCF100.

NEIC 04 00:27:40.6-1.1, 36.74N-0.04-99.05W-0.05, h5km, 2km, Error ellipse: s-maj=7.0km s-min=5.8km az=106.0

TUL 04 00:27:40.5-1.2, 36.76N-0.04-99.05W-0.04, h7km, 3km, ML3.6, mb, Lg3.5/94(NEIC), Error ellipse: s-maj=5.9km s-min=4.5km az=142.0

ANF 04 00:27:40.8-0.2, 36.74N-98.06W, h7km, ML4.2/16, Error ellipse: s-maj=2.1km s-min=1.9km az=42.0

ISC 04 00:27:40.9-1.0, 36.74N-0.02-98.05W-0.02, h3km, 9km,

Plg71.0000°, Azm253.0000°; P - 1.9440, Plg19.0000°, Azm65.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 03:35:52.0, 8.617S, 0.2x155.9W, 0.2, h10km, n32, 0.079/17, mb4.2/4, MS3.9/14, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Scott Base, Vanda, Urewera, etc.

SKO 04 03:38:24.4, 41.34N, 20.91E, h8km, Albania

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

MAN 04 03:44:04.7, 9.55N, 126.31E, h14km, mb4.9, ML3.8, MS3.8, IDC 04 03:44:08.1, 2.8, 9.58N, 126.05E, h75km, 2.7km, mb4.0/20, mb1.4, 1/22, mb1mx4.0/43, mbtmp3.3/22, MS2.9/5, Ms1.2/9.5, ms1mx2.8/34, Error ellipse: s-maj=25.6km s-min=10.6km az=79.0

NEIC 04 03:44:11.9, 1.6, 9.61N, 0.08x126.16E, 0.09, h106km, 5km, mb4.5/27, Error ellipse: s-maj=13.5km s-min=9.8km az=129.0

ISC 04 03:44:02.0, 1.5, 9.63N, 0.04x126.43E, 0.05, h17km, gkm, n73, r+158/56, mb4.4/34, 3C-6D, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Surigao, Bislig, Maasin, etc.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Nakatsue, Kunumura, Fitzroy, etc.

IDC 04 04:02:12.2, 1.5, 36.08N, 71.41E, h85km, 5km, mb3.5/7, mb1.3, 6/11, mb1mx3.3/56, mbtmp3.9/11, Error ellipse: s-maj=2.7km s-min=2.3km az=153.0

NCC 04 04:02:19.6, 2.5, 36.70N, 70.96E, h113km, 5.1km, mb3.5, s-maj=1.2km, Error ellipse: s-maj=22.8km s-min=15.5km az=147.0

ISC 04 04:02:12.9, 0.7, 36.26N, 0.08x71.37E, 0.06, h100km, n33, 0.261/34, mb3.8/6, 3C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Cherat, Chirah Chowk, etc.

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

IDC 04 04:04:37.0, 9.5145N, 16.10E, h0km, mb1.3/5.6, mb1mx3.2/48, mbtmp3.4/6, ML2.6/6, Error ellipse: s-maj=18.6km s-min=8.6km az=103.0

PRU 04 04:04:38.0, 0.1, 51.45N, 16.10E, h0km, mb2.5/4, ml2.5/5, VIE 04 04:04:40.4, 0.1, 51.22N, 15.99E, h0km, mb2.5/4, ml2.5/5, Error ellipse: s-maj=5.9km s-min=5.2km az=158.0 72 km WNW of Wroclaw Suspect Mining induced

ISC 04 04:04:35.0, 7.5154N, 0.03x16.12E, 0.03, h0km, n37, 0.151/77, Poland

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

GERES GERESS Array B 3.12 211 Pn Pg 04 05 27.3 +1.4

GERES GERES Array B 3.12 211 Pn Pg 04 05 27.3 +1.4

GERES GERES Array B 3.12 211 Pn Pg 04 05 27.3 +1.4

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

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KLR, GRNR, SANI, AAI, GTOI, PMG, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like COEN, BTO, SPSI, BNSI, GYA, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CTAO, TWSI, ADK, YAK, etc.

4d 4h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like LANS, R32A, OKC, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PDG, FUR, MYKA, etc.

156

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

KMA 04:04:27:12.3:0.5, 36.78N:127.89E, h15km, 4kmr
ellipse: s-maj=3.0km s-min=1.5km az=56.0, South Korea

IDC 04:04:44.4:9.1, 36.77N:132.82W, h0km, mb3.8/10, mb1.3/9/10, mb1mx3.7/54, mbtmp3.8/10, MS3.8/3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Paso Flores, TRQA, ITQB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like IDC 04 05:08:11.2,0.3,36, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like OK025 Westminster Rd, OK034 N. Norfolk Rd, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like FCAR Ozark Folk Cen, OGNE Ogallala, etc.

RNSC 04 05:41:54.1±1.1, 4.68N;76:21W, h121km, 4km, ML3.3, Mw3.7
UPA 04 05:41:55.0-0.8, 4.78N;76:28W, h17km, 16km, MW4.6
ISC 04 05:41:53.4±1.2, 4.69N;76:22W, 0.03, h124km, 7km, n48, r12100, 8C-7D, Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Santa Helena, Betania, Popayan, Dabeiba, etc.

Table for mb3.6/5, 1C-1D, Mindanao. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Davao City, Kidapawan, Waramunga, etc.

IDC 04 05:53:04.5±7.7, 43°19'N;148°45'E, h0km, mb3.9/8, mb1.3/9.9, mb1mx3.760, mbtmp3.9/9, ML3.2/1, Error ellipse: s-maj=19.3km s-min=29.6km az=170.0
JMA 04 05:53:08.0±0.4, 43°26'N;148°09'E, h9km, M3.6
MOS 04 05:53:09.1±1.3, 43°29'N;148°33'E, h43km, mb4.0/1, Error ellipse: s-maj=23.4km s-min=14.2km az=131.6
SKHL 04 05:53:10.5±0.4, 43°30'N;148°30'E, h47km, 3km, mb4.5/5
ISC 04 05:53:05.8±2.3, 43°32'N;148°24'E, 0.07, h2km, 11km, n30, r12235, mb4.0/8, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Shikotan, Nemuro, Kuril'sk, etc.

IDC 04 06:11:17.0±0.9, 2°16'S; 138°53'E, h0km, mb3.9/6, mb1.4/1.8, mb1mx3.9/32, mbtmp3.9/8, ML3.8/2, Error ellipse: s-maj=21.7km s-min=15.1km az=17.0
DJA 04 06:11:20.5±0.4, 2°5'±13°8'E, h10km, M4.2/6, mB6.1/1, mb4.4/6, MLV4.2/4, Mw(MB)5.7/1
ISC 04 06:11:20.1±0.8, 2°25'±0.1; 138°49'E, 0.06, h10km, n14, r129124, mb4.2/5, Irian Jaya

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

IDC 04 06:15:21.3±0.8, 2°12'S; 138°49'E, h0km, mb4.0/7, mb1.4/2.9, mb1mx4.0/33, mbtmp4.1/9, ML4.0/2, MS3.6/9, M1.3/6.9, m1mx3.3/39, Error ellipse: s-maj=19.9km s-min=14.9km az=19.0
DJA 04 06:15:22.4±0.4, 2°5'±13°8'E, h10km, M4.5/4, mb4.9/3, MLV4.3/4
NEIC 04 06:15:26.2±2.0, 2°25'±0.1; 138°50'E, 0.07, h31km, 7km, mb4.0/1, Error ellipse: s-maj=17.3km s-min=10.8km az=179.0
ISC 04 06:15:22.8±0.6, 2°22'S; 138°39'E, 0.05, h10km, n36, r281183, mb4.0/3, MS3.6/4, Irian Jaya

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

IDC 04 06:23:15.5±2.5, 4°22'N;128°16'E, h0km, mb3.6/3, mb1.3/7.3, mb1mx3.4/34, mbtmp3.6/3, Error ellipse: s-maj=238.2km s-min=8.5km az=67.0, North of Halmahera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Waramunga, Alice Springs, etc.

IDC 04 06:39:58.0±17.0, 1°13'S;127°69'E, h0km, mb3.4/2, mb1.3/5/3, mb1mx3.3/38, mbtmp3.3/3, ML3.5/1, Error ellipse: s-maj=263.0km s-min=154.0km az=151.0, Halmahera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Waramunga, Alice Springs, etc.

IDC 04 06:41:37.3±2.1, 7°36'S;118°9E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.4/45, mbtmp3.5/4, Error ellipse: s-maj=141.1km s-min=17.6km az=52.0, Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Waramunga, Alice Springs, etc.

IDC 04 06:52:12.0±0.5, 51°54'N;96°19'E, h0km, mb3.8/1, mb1.3/4.3, mb1mx3.2/46, mbtmp3.4/3, ML2.5/2, Error ellipse: s-maj=5.4km s-min=2.9km az=8.0
MOS 04 06:52:18.1±1.7, 52°28'N;95°7'E, h10km, mb3.5/1, Error ellipse: s-maj=11.5km s-min=20.7km az=13.1
ISC 04 06:52:17.0±0.8, 52°07'N;95°31'E, 0.03, h10km, n22, r266622, Southwestern Siberia

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

IDC 04 05:48:03.5±1.8, 5°93'N;127°10'E, h0km, mb3.6/5, mb1.3/7.5, mb1mx3.2/62, mbtmp3.6/5, Error ellipse: s-maj=11.5km s-min=27.0km az=68.0
ISC 04 05:48:13.9±1.5, 5°38'N;126°9'E, 0.4, h83km, n7, r109/9,

4d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CERR Cheremushki, DJOY Khakasski, MOY Mondy, etc.

IASPEI 04 07 01:10.9.1.0.41:89N.0:02:23.18E:0:03.h11km,7km, Error ellipse: s-maj=4.9km s-min=3.4km az=81.8, GT5 selection from ISC bulletin GT5 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic stations, Seism. Res. Let., 80 4, 465-472, 2009

SOF 04 07 01:10.7.41:91N.23:27E, h2km, MD2.8 SKO 04 07 01:10.3.41:89N.23:21E, h2km BEO 04 07 01:12.3.0.6.41:30N.23:19E, h0km, ML2.6 ISC 04 07 01:11.1-0.9.41:87N.0:02:23.13E:0:03.h9km,7km, n22, r122/37, Greece-Bulgaria border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KKB Krupnik, MMB Musoniste, VAY Valandovo, etc.

NNC 04 07 09:59.0.0.3.00:00N.78:67E, h0km, mb3.1, mpv3.0, Error ellipse: s-maj=3.6km s-min=1.9km az=72.0, Suspected Mining explosion, IDC 04 07:00:00.3.0.1.05:05N.78:81E, h0km, mb1 2.7/2, mb1mx2.7/36, mbtmp2.7/2, ML2.2/2, Error ellipse: s-maj=1.0km s-min=0.6km az=111.0

ISC 04 07:09:59.6.0.8.50:08N.0:03:78.60E:0:04, h0km, n21, r0578/34, 11C-14D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, KUR14 Kurchatov Arra, etc.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRZS, MAKZ Makanchi, MK31 Makanchi Array, etc.

NNC 04 07 36:11.8.8.7.51:31N.82:51E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=7.7km s-min=5.8km az=14.0, Suspected Mining explosion, IDC 04 07 36:21.1.1.9.51:24N.81:76E, h0km, mb1 2.2/3, mb1mx1.9/47, mbtmp2.2/3, ML1.7/3, Error ellipse: s-maj=19.3km s-min=13.9km az=41.0

ISC 04 07 36:17.8.1.3.51:44N.0:07:81.76E:0:06, h0km, n7, r0535/8, 4C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURK Kurchatov, KURRB Kurchatov Arra, ZALV Zalesovo Beam, etc.

IDC 04 07 37:19.8.0.6.34:02S:109:31W, h0km, mb4.3/11, mb1 4.4/12, mb1mx4.3/29, mbtmp4.3/12, ML4.0/1, MS4.1/17, MS1.4/17, ms1mx1.0/28, Error ellipse: s-maj=23.7km s-min=17.3km az=109.0

GCMT 04 07 37:21.3.0.3.47:17S:0:04:109:24W:0:02, h12km, MW4.8/69, Moment Tensor Solution, s32:c35; s69:c92; Duration: 0 Moment tensor: Scale 10^19Nm; M=2.10e-08; M0:0.12e-09; M1:1.98e-06; M2:1.00e-37; M3:0.24e-07; M4:0.09e-25; Best double couple: M0:2.5200e-10; NP1:0.120000e+0; d45.00000e-; lambda-60.00000e-; NP2: 0.1530000e+0; s52.00000e-; lambda-117.00000e-; Principal axes: T: 2.0220, Plg3.0000e-, Azm261.0000e-; N: 0.4570, Plg21.0000e-, Azm170.0000e-; P: -2.4820, Plg69.0000e-, Azm360.0000e-; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 07 37:22.3.0.7.34:04S:0:09:109:4W:0:2, h10km, 1km, mb4.9/48 Error ellipse: s-maj=22.2km s-min=15.5km az=82.0

ISC 04 07 37:21.3.0.5.34:00S:0:08:109:5W:0:1, h10km, n96, r0597/77, mb4.8/34, MS4.3/19, 1C, Southern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPN Rapa Nui, H03S2 Juan Fernandez, H03S3 Juan Fernandez, etc.

PLCA Paso Flores 31.45 114 P P 07 43 40.9 -2.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEH Melhetla, TRQA Torquist, ATAH Atahualpa, PPT2 Papeete, etc.

160

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROSC El Rosal, ROSC El Apazote, TLLG Tlapa, etc.

NNC 04 07 46:01.0.1.2.53:32N.90:44E, h0km, mb4.0, mpv3.8, 8C-4D, Error ellipse: s-maj=8.8km s-min=7.3km az=84.0, Suspected Mining explosion, Southwestern Siberia

ISC 04 07 46:01.0.1.2.53:32N.90:44E, h0km, mb4.0, mpv3.8, 8C-4D, Error ellipse: s-maj=8.8km s-min=7.3km az=84.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TUC Tucson, WHLY Lake Whitney, Y14A Wickenburg, etc.

ELK Elko 74.56 355 P P 07 49 01.1 +0.7

SYO Syowa Base 74.78 169f eP P 07 49 01.4 +0.3

WVOR Wild Horse Val 76.53 113 I Amb I 07 49 12.4 +0.9

REDW Red Top Meadow 77.00 359 P Amb I 07 49 14.7 +0.4

HLID Hailey 77.32 356 P Amb I 07 49 16.9 +1.0

FLWY Flagg Ranch 77.72 359 P Amb I 07 49 18.2 +1.2

YMR Madison River 78.31 359 P Amb I 07 49 22.2 +0.7

BMO Blue Mountains 78.80 354 P Amb I 07 49 25.3 +1.3

STKA Stephens Creek 86.39 234 P P 07 50 03.9 -0.2

ASAR Alice Springs 96.86 236 P P 07 50 15.8 -1.3

ASAR Malin Array B 145.72 48 PKPbc PKPbc 07 56 58.7 -0.8

SOMN Songino Array 149.89 308 PKPbc PKPbc 07 57 10.7 -0.8

BRTR Keskin Array B 150.06 68 PKPbc PKPbc 07 57 11.6 -0.7

CMAR Chiang Mai Arr 150.33 246 PKPbc PKPbc 07 57 14.2 +0.9

TLY Talaya 150.33 317 PKPbc PKPbc 07 57 12.8 +0.4

CDZ Chengdu 151.88 273 PKPbc PKPbc 07 57 10.0 -0.2

LZH Lanzhou 152.73 284 ePKPbc PKPbc 07 57 13.0 +0.5

ZALV Zalesovo Beam 157.65 337 sPKP PKPbc 07 57 19.7 -1.6

KSH Kashi 172.98 323 PKP PKPbc 07 57 31.7 +0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MK31, MAKZ, MAZK, etc.

FUNV 04 07:59:03.8, 8.50N:71.45W, h5km, MW4.0
IDC 04 07:59:17.5, 1.1, 6.40N:77.72W, h0km, mb3.6/3, mb1.3/8.4,
mb1mx3.5/36, mbtmp3.4, ML2.1/1, MS3.4/4, M1.3/4.4,
ms1mx2.9/20, Error ellipse: s-maj=40.9km s-min=19.8km
az=31.0

ISC 04 07:59:03.1-1.1, 8.51N:0.003:71.40W:0.03, h6km, gkm, n28,
a128/42, MS3.3/4, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like El Vigia, Socops, Santo Domingo, etc.

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

GUC 04 08:44:37.6, 0.6, 30.80S:71.46W, h53km, 2km, ML4.5
IDC 04 08:44:38.2, 0.6, 30.76S:71.40W, h45km, 4km, mb4.2/12,
mb1.4/3.16, mb1mx4.1/31, mbtmp4.3/16, MS3.4/10,
Ms1.3/4/10, ms1mx3.3/22, Error ellipse: s-maj=19.7km
s-min=15.0km az=80.0

NEIC 04 08:44:38.7, 1.5, 30.78S:0.05:71.48W:0.09, h45km, 5km,
s-maj=6/25, Mw4.4/32, ML4.5(GUC), Error ellipse:
s-maj=11.5km s-min=6.9km az=98.0

VAO 04 08:44:38.6, 0.4, 30.75S:71.35W, h42km, mb4.4
NEIC 04 08:44:38.6, 30.77S:71.52W, h43km, Moment tensor
Solution: Moment tensor: Scale 1015Nm, Mw: 7.7,
Mw:0.35; Ms: -4.62; Mn:0.70; Mw: -0.08; Mw: -1.1; Fault
plane solution: M4.65000:1015 NP1:wp1:171.36000:
552.75000: -1.78.0000: NP2:10.71000: 838.87000:
-1.05.29000:. Principal axes: T: 4.5249, Plg78.0000:
Azm36.0000: N 0.2336, Plg10.0000: Azm179.0000: P
-4.7586, Plg7.0000: Azm270.0000:

ISC 04 08:44:38.1, 0.5, 30.78S:0.03:71.45W:0.05, h44km, n40,
n150, a08/87/155, mb4.5/22, MS3.6/5, 1C-8D, Near coast of
central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Fray Jorge, El Pedregal, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROCH, VAO1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCM, R40A, etc.

IDC 04 08:47:16.6:12.0, 0.61N:124.42E, h0km, mb3.4/3,
mb1.3/6.3, mb1mx3.0/49, mbtmp3.4/3, Error ellipse:
s-maj=198.1km s-min=188.7km az=16.0, Minahassa
Peninsula, Sulawesi

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

MAN 04 09:17:18.2, 9.92N:126.00E, h14km, mb5.0, ML3.9, MS3.9
NEIC 04 09:17:22.0, 1.5, 9.97N:0.05:126.0E:0.1, h92km, 6km,
mb4.6/18, Error ellipse: s-maj=19.5km s-min=7.1km
az=78.0

IDC 04 09:17:22.4, 2.8, 9.94N:125.91E, h99km, 26km, mb4.0/21,
mb1.4/122, mb1mx3.7/59, mbtmp4.4/22, MS3.3/17,
MS1.3/3/17, ms1mx3.2/46, Error ellipse: s-maj=26.1km
s-min=11.2km az=68.0

ISC 04 09:17:18.4, 1.2, 10.03N:0.06:126.08E:0.08, h61km, 10km,
n73, a193/67, mb4.4/27, 2C-9D, Philippine Islands
region

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

4d 11h

Table with columns: Station Name, S, S, 09 29 18.4 -4.5, ASAR, comp=Z,0.8nm,0.9s,baz=358,slow=22,SNR=5.5, LR LR, 09 38 48.2, USRK, comp=Z,26nm,21.1s,baz=342,slow=38, LR LR, 09 39 41.3, KLR, comp=Z,36nm,18.4s,baz=133,slow=39, LR LR, 09 43 46.7, H11N1, WAKE ISLAND Hy 40.51 71 T T, 10 08 12.8, H11N2, WAKE ISLAND Hy 40.52 71 T T, 10 08 12.9, H11N3, WAKE ISLAND Hy 40.53 71 T T, 10 08 11.7, FORT, 40.61 177 P P, 09 24 52.5 +0.2, SONM, comp=Z,2.2nm,0.7s,baz=161,slow=9.8,SNR=11, 41.18 340 P P, 09 24 57.6 +0.6, SONM, comp=Z,6.4nm,1.4s, 51.18 340 Iamb Iamb, 09 24 58.4, BBOO, 43.65 168 P P, 09 25 17.1 +0.1, STKA, 44.40 341 P P, 09 25 23.3 +1.5, TLY, comp=Z,3.1nm,0.7s,baz=158,slow=6.2,SNR=4.3, 49.24 24 P P, 09 26 07.0 +1.1, PETK, 49.94 24 P P, 09 26 07.0 +1.1, PETK, comp=Z,3.3nm,0.8s,baz=228,slow=9.9,SNR=1.9, 53.12 323 LR LR, 09 24 59.5, MK31, 52.10 323 P P, 09 26 21.9 -0.5, MK31, comp=Z,4.7nm,1.0s, 52.10 323 P P, 09 26 22.3 -0.1, MKAR, comp=Z,4.1nm,0.7s,baz=120,slow=8.3,SNR=37, 52.10 323 LR LR, 09 24 12.2, MKAR, comp=Z,7.6nm,18.1s,baz=348,slow=37, 54.10 323 P P, 09 26 21.6 -0.8, MKAR, 52.30 323 P P, 09 26 23.6 -0.2, IMAKZ, comp=Z,4.6nm,0.9s, 53.71 304 P P, 09 26 33.9 -0.6, NIL, 53.71 304 P P, 09 26 36.4, ZALV, 54.75 316 P P, 09 26 40.8 -0.8, KURK, 56.16 326 P P, 09 26 51.1 -0.7, KURBB, 56.16 326 P P, 09 26 51.2 -0.6, KKAR, 58.29 315 P P, 09 27 06.2 -0.8, TIXI, 61.60 1 P P, 09 27 29.5 +0.5, BVAR, 61.76 326 P P, 09 27 30.4 -0.1, BVAR, comp=Z,2.1nm,0.8s,baz=179,slow=12,SNR=9.3, 66.08 110 P P, 09 28 10.2 -1.0, AFI, 66.08 110 LR LR, 09 50 55.8, ARU, comp=Z,3.5nm,21.6s,baz=285,slow=30, 69.32 327 P P, 09 28 18.4 -0.9, ARU, comp=Z,4.0nm,0.2s,baz=100,slow=4.5,SNR=11, 69.32 327 Iamb Iamb, 09 28 19.2, BELG, 75.08 322 P P, 09 28 52.0 -1.6, ILAR, 79.74 26 P P, 09 29 19.0 -0.1, ARCES, 84.44 29 P P, 09 29 46.3 +1.9, ARCES, 84.44 29 Iamb Iamb, 09 29 47.5, BRTR, 85.54 309 P P, 09 29 49.6 -0.7, FINES, 86.01 332 P P, 09 29 51.5 -0.5, AKASG, 86.63 321 P P, 09 29 54.6 -0.7, VNDA, 89.71 173 P P, 09 30 08.2 -1.1, VNDA, 89.71 173 Iamb Iamb, 09 30 10.1, NOA, 92.89 333 LR LR, 10 14 24.6, YKA, 94.06 24 P P, 09 30 30.3 +0.5, TORO, 120.18 292 PKP PKP, 09 36 02.2 -1.2, PLCA, 146.06 157 PKPbc PKPab, 09 36 52.4 -0.2

KRNET 04 09:19:25.7:0.1, 41.03N:69.52E, h18km, mb2.9, NNC 04 09:19:33.2:10.0, 41.21N:69.76E, h0km, mb3.4, mpv2.9, Error ellipse: s-maj=75.0km s-min=33.9km az=26.0, ISC 04 09:19:25.3:1.2, 41.00N:0.69:53E:0.05, h6km, 12km, n13, c1851/23, 18C-7D, Kyrgyzstan

Table with columns: Code, Station Name, S, S, Time, Res, TAS, 0.37 331 P P, 09 19 32.7 +0.2, TRKS, 1.32 66 P P, 09 19 50.1 -0.4, TRKS, 1.36 134 P P, 09 19 51.2 +0.1, GAR, 2.22 19 P P, 09 20 09.9 +0.9, GAR, 2.22 19 P P, 09 20 09.9 +0.9, KK02, 2.22 19 P P, 09 20 08.9 +1.0, DRK, 2.31 130 P P, 09 20 05.6 -1.8, DRK, 2.31 130 P P, 09 20 05.6 -1.8, CHGR, 2.36 187 P P, 09 20 06.1 -2.0, CHGR, 2.36 187 P P, 09 20 06.1 -2.0, MNAS, 2.67 55 P P, 09 20 10.6 -2.9, MNAS, 2.67 55 P P, 09 20 10.6 -2.9, AML, 3.32 69 P P, 09 20 19.5 +1.6, AML, 3.32 69 P P, 09 20 19.5 +1.6, EKS2, 3.58 61 P P, 09 20 23.1 +1.9, UCH, 3.93 70 P P, 09 20 28.2 +1.8, UCH, 3.93 70 P P, 09 20 28.2 +1.8, AAK, 4.05 65 P P, 09 20 43.6 +0.7, TKM2, 4.91 65 P P, 09 20 58.2 -1.2, TKM2, 4.91 65 P P, 09 20 58.2 -1.2

ISC 04 09:31:21.8:1.0, 48.86N:0.09:18.38E:0.05, h14km, 10km, n6, c035/12, Czech and Slovak Republics

Table with columns: Code, Station Name, S, S, Time, Res, KOLL, 0.08 171 P P, 09 31 24.4 -0.3, VYHS, 0.34 118 P P, 09 31 28.6 -0.2, JAVC, 0.51 294 P P, 09 31 33.1 -0.4, JAVC, 0.51 294 P P, 09 31 33.1 -0.4, LANS, 0.87 55 P P, 09 31 39.7 -0.4, MORC, 1.25 334 P P, 09 31 44.9 -0.1, MORC, 1.25 334 P P, 09 31 44.9 -0.1

2015 DEC

Table with columns: VRAC, Vranov, 1.35 300 P P, 09 31 47.0 +0.1, VRAC, 1.35 300 P P, 09 32 05.2 -0.1, IDC 04 09:45:30.9:0.5, 32.77N:138.85E, h0km, mb3.4/2, mb1 3.3/3, mb1mx2.9/39, mbmt3.3/3, ML2.3/1, MS3.3/2, MS1 3.3/2, ms1mx2.6/30, Error ellipse: s-maj=8.1km, s-min=4.4km az=138.0, JMA 04 09:45:34.6:0.1, 33.41N:140.74E, h63km, 4km, M3.1, ISC 04 09:45:32.9:1.5, 33.32N:0.07:140.9E:0.1, h50km, n11, c1533/14, Southeast of Honshu

Table with columns: Code, Station Name, S, S, Time, Res, JHU2, 0.92 257 P P, 09 45 50.7 +1.1, JHU2, 0.92 257 P P, 09 45 50.7 +1.1, JHU, 0.95 258 P P, 09 45 50.8 +0.6, JHU, 0.95 258 P P, 09 45 50.8 +0.6, BS01, 1.33 3 P P, 09 45 56.4 +1.7, BS03, 1.51 388 P P, 09 45 58.6 +1.2, KTJ3, 2.21 317 P P, 09 46 07.7 +0.6, KTJ3, 2.21 317 P P, 09 46 07.7 +0.6, JOD2, 2.45 323 P P, 09 46 11.0 +0.6, JOD2, 2.45 323 P P, 09 46 11.0 +0.6, MJAR, 3.90 326 P P, 09 46 36.9 -2.2, MJAR, 3.90 326 P P, 09 46 31.8 +1.5, YAK, 39.51 349 LR LR, 10 04 02.2, SEY, 29.61 10 LR LR, 10 04 21.5, WRA, 34.33 188 P P, 09 54 46.3 -0.9, ASAR, 57.06 188 P P, 09 55 12.6 -1.4

BER 04 09:49:21.2:0.7, 66.40N:13.35E, h6km, 12km, ML0.4, 1C, Confirmed Earthquake, Northern Norway

Table with columns: Code, Station Name, S, S, Time, Res, KONS, 0.13 317 P P, 09 49 23.7 -0.3, KONS, 0.13 317 P P, 09 49 23.7 -0.3, STOK, 0.15 243 P P, 09 49 24.1 -0.2, STOK, 0.15 243 P P, 09 49 26.3 0.0, NBB40, 0.17 310 P P, 09 49 24.4 -0.3, MORB, 0.50 117 P P, 09 49 30.9 +0.1, FAUS, 1.25 37 P P, 09 50 01.1 -0.2

UPP 04 09:50:10.0:0.2, 57.73N:18.64E, h0km, ML1.6, Explosion, Baltic Sea

Table with columns: Code, Station Name, S, S, Time, Res, GOTU, 0.06 217 P P, 09 50 11.4 +0.3, GOTU, 0.06 217 P P, 09 50 12.2 +0.3, BYXU, 0.99 244 P P, 09 50 28.9 +0.1, VSTU, 1.13 267 P P, 09 50 31.1 -0.5, VIKU, 1.28 308 P P, 09 50 33.5 -1.1, NYNU, 1.32 346 P P, 09 50 37.1 -1.5, LNKU, 1.74 288 P P, 09 50 41.6 +0.2, ESKU, 1.91 323 P P, 09 50 44.5 +0.8, NRTU, 1.95 360 P P, 09 50 44.6 +0.4, BACU, 2.27 340 P P, 09 50 48.9 +1.1, FIBU, 2.27 343 P P, 09 50 49.7 +1.0

SOME 04 10:32:27.6:40.42N:72.55E, h10km, NNC 04 10:32:29.6:1.7, 40.50N:72.61E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=13.2km s-min=5.6km az=170.0, KRNET 04 10:32:31.1:0.1, 40.54N:72.62E, h16km, mb2.8, ISC 04 10:32:30.8:1.2, 40.54N:0.03:72.61E:0.02, h3km, 15km, n23, c1502/39, 18C-12D, Kyrgyzstan

Table with columns: Code, Station Name, S, S, Time, Res, OHH, 0.14 97 P P, 09 32 35.7 +0.4, OHH, 0.14 97 P P, 09 32 35.7 +0.4, SFK, 0.86 127 P P, 09 32 47.5 -1.1, SFK, 0.86 127 P P, 09 32 47.5 -1.1, SALK, 0.98 69 P P, 09 32 49.8 -0.8, SALK, 0.98 69 P P, 09 32 49.8 -0.8, DRK, 1.23 211 P P, 09 32 54.5 +0.2, DRK, 1.23 211 P P, 09 32 54.5 +0.2, BTK, 1.45 251 P P, 09 32 58.7 +0.1, BTK, 1.45 251 P P, 09 32 58.7 +0.1, TRKS, 1.49 312 P P, 09 32 58.3 -0.9, TRKS, 1.49 312 P P, 09 32 58.3 -0.9, AML, 1.79 27 P P, 09 33 04.5 0.0, AML, 1.79 27 P P, 09 33 04.5 0.0, MNAS, 1.95 358 P P, 09 33 07.5 +0.5, MNAS, 1.95 358 P P, 09 33 07.5 +0.5, UCH, 2.21 40 P P, 09 33 11.3 -0.4, UCH, 2.21 40 P P, 09 33 11.3 -0.4, MRKS, 2.25 12 P P, 09 33 11.9 -0.3, MRKS, 2.25 12 P P, 09 33 11.9 -0.3, MRKS, 2.25 12 P P, 09 33 11.9 -0.3, MRKS, 2.25 12 P P, 09 33 11.9 -0.3, EKS2, 2.29 22 P P, 09 33 12.4 -0.5, EKS2, 2.29 22 P P, 09 33 12.4 -0.5, GAR, 2.34 230 P P, 09 33 13.1 -0.6, GAR, 2.34 230 P P, 09 33 13.1 -0.6, IUG, 2.52 310 P P, 09 33 17.0 +0.2, IUG, 2.52 310 P P, 09 33 17.0 +0.2, IUG, 2.52 310 P P, 09 33 17.0 +0.2, IUG, 2.52 310 P P, 09 33 17.0 +0.2, AAK, 2.53 33 P P, 09 33 16.4 -0.5, AAK, 2.53 33 P P, 09 33 16.4 -0.5, AAK, 2.53 33 P P, 09 33 15.8 -1.1, AAK, 2.53 33 P P, 09 33 15.8 -1.1, AAK, 3.00 329 P P, 09 33 23.3 -1.6, AAK, 3.00 329 P P, 09 33 23.3 -1.6, KK02, 0.7nm, 0.5s, baz=148, slow=13, 10 34 05.4, TKM2, 3.27 42 P P, 09 33 29.0 -0.5, TKM2, 3.27 42 P P, 09 33 29.0 -0.5, UCH, 3.55 70 P P, 09 34 14.6, UCH, 3.55 70 P P, 09 34 14.6, DGS, 3.59 40 P P, 09 33 36.5 +1.6, DGS, 3.59 40 P P, 09 33 36.5 +1.6, DGS, 3.59 40 P P, 09 34 25.3 -0.7, DGS, 3.59 40 P P, 09 34 25.3 -0.7

162

Table with columns: DGS, Degeres, 3.59 40 P P, 10 33 36.6 +1.6, DGS, 3.59 40 P P, 10 34 25.3, KRBS, 3.89 35 P P, 10 33 41.1 +1.0, KRBS, 3.89 35 P P, 10 34 33.1 -2.7, KRBS, 3.89 35 P P, 10 33 41.1 +1.0, KRBS, 3.89 35 P P, 10 34 33.1

IDC 04 10:33:42.3:3.9, 0.12N:123.36E, h139km, 32km, mb3.2/3, mb1 3.4/4, mb1mx3.1/48, mbmt3.6/4, Error ellipse: s-maj=129.8km s-min=2.1km az=64.0, DJA 04 10:33:42.9:0.5, 0.5:6.12:3E.1, h104km, 10km, M3.9/8, MLV3.9/8, ISC 04 10:33:42.1:0.9, 0.06S:0.10:122.94E:0.07, h150km, n10, c237/14, mb3.5/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, S, S, Time, Res, GTOI, 0.69 6 P P, 10 34 04.1 -0.4, GTOI, 0.69 6 P P, 10 34 04.1 -0.4, MRSI, 1.13 298 P P, 10 34 06.1 -1.9, MRSI, 1.13 298 P P, 10 34 23.5 -4.3, APSI, 1.55 237 P P, 10 34 10.5 -1.6, MPSI, 3.07 277 P P, 10 34 30.9 +0.6, SANI, 3.63 123 P P, 10 34 35.3 -2.3, LBMI, 4.59 97 P P, 10 34 49.5 -0.7, FITZ, 4.82 172 P P, 10 37 44.1 -0.3, WRA, 22.70 151 P P, 10 38 31.5 +0.3, ASAR, 25.77 156 P P, 10 39 00.7 +1.6, ASAR, 25.77 156 P P, 10 39 00.7 +1.6, ASAR, 25.77 156 P P, 10 42 26.6 +1.5, ASAR, 25.77 156 P P, 10 45 54.4 +3.5, MKAR, 58.63 328 P P, 10 43 25.2 +1.8

JMA 04 10:34:13.7:0.3, 43.81N:147.32E, h13km, M3.5, SKHL 04 10:34:15.4:0.7, 44.00N:147.30E, h40km, 2km, mb4.1/4, ISC 04 10:34:10.8:2.1, 43.98N:0.09:147.49E:0.10, h13km, 14km, n16, c155/26, Kuril Islands

Table with columns: Code, Station Name, S, S, Time, Res, SHO, 0.49 258 P P, 10 34 24.7 +1.0, SHO, 50nm, 0.2s, A A, 10 34 24.7, SHO, 460nm, 0.2s, A A, 10 34 34.4, SHO, 680nm, 0.2s, A A, 10 34 34.4, YUK, 1.18 273 P P, 10 34 33.7 +0.8, YUK, 1.18 273 P P, 10 34 33.7 +0.8, YUK, 1.18 273 P P, 10 34 46.8 -1.6, YUK, 1.18 273 P P, 10 34 49.8, YUK, 630nm, 0.2s, A A, 10 34 49.8, GRPR, 1.24 271 P P, 10 34 34.2 -0.4, GRPR, 70nm, 0.2s, A A, 10 34 47.9 -1.9, GRPR, 560nm, 0.2s, A A, 10 34 50.0, GRPR, 490nm, 0.2s, A A, 10 34 54.0, KUR, 1.28 12 P P, 10 34 35.4 -0.1, KUR, 40nm, 0.5s, A A, 10 34 50.1 -1.1, KUR, 280nm, 0.2s, A A, 10 34 52.0, KUR, 170nm, 0.2s, A A, 10 34 52.0, NEM2, 1.41 245 P P, 10 34 36.4 +0.4, NEM2, 1.41 245 P P, 10 34 52.6 -2.0, NMR, 1.41 245 P P, 10 34 53.3 -1.3, JRA, 1.71 269 P P, 10 34 41.9 -0.1, JNSB, 1.81 264 P P, 10 34 43.2 -0.5, JKH, 1.91 243 P P, 10 34 43.8 +0.8, JNK, 2.04 260 P P, 10 34 46.2 +1.4, AKK, 2.15 244 P P, 10 35 17.8 +1.5, AKK, 2.15 244 P P, 10 35 11.1 -1.7, JAK, 2.26 245 P P, 10 34 48.4 +0.7, JTKR, 2.25 271 P P, 10 35 14.0 -1.4, JAR, 2.78 257 P P, 10 34 54.4 +2.5, JAR, 2.78 257 P P, 10 34 57.2 +2.2, JOB, 3.87 249 P P, 10 35 29.1 +0.7, JCH, 2.81 247 P P, 10 34 57.8 +1.6, JCH, 2.81 247 P P, 10 35 03.1 +0.9

EAF 04 11:25:07.0:1.7, 25.76S:28.76E, h2km, 30km, MD3.6, BUL 04 11:25:07.0:1.7, 25.76S:28.76E, h2km, 30km, MD3.7, South Africa

Table with columns: Code, Station Name, S, S, Time, Res, LBTB, 2.95 284 P P, 11 25 55.5 +0.5, LBTB, 2.95 284 P P, 11 25 55.5 +0.5, LBTB, 2.95 284 P P, 11 25 55.5 +0.5, LBTB, 2.95 284 P P, 11 25 55.5 +0.5, CNG, 3.13 101 P P, 11 25 56.8 -0.5, CNG, 3.13 101 P P, 11 25 56.8 -0.5, MSNA, 3.59 19 P P, 11 26 03.1 -0.6, MSNA, 3.59 19 P P, 11 26 03.1 -0.6, BLWY, 5.59 359 P P, 11 27 32.0 -4.2, BLWY, 5.59 359 P P, 11 27 32.0 -4.2, BLWY, 5.59 359 P P, 11 27 32.0 -4.2, BLWY, 5.59 359 P P, 11 27 32.0 -4.2

KRNET 04 11:28:36.5:0.1, 41.14N:70.05E, h8km, mb2.8, ISC 04 11:28:36.0:0.9, 41.08N:0.04:70.03E:0.04, h10km, n9, c172/17, 13C-3D, Kyrgyzstan

Table with columns: Code, Station Name, S, S, Time, Res, TAS, 0.60 294 P P, 11 28 48.1 -1.6, TAS, 0.60 294 P P, 11 28 48.1 -1.6, TRKS, 0.95 61 P P, 11 28 53.5 -2.9, TRKS, 0.95 61 P P, 11 28 53.5 -2.9, BTK, 1.19 149 P P, 11 28 59.9 -0.8, BTK, 1.19 149 P P, 11 28 59.9 -0.8, KK02, 2.06 10 P P, 11 29 17.2 -1.7, KK02, 2.06 10 P P, 11 29 17.2 -1.7, GAR, 2.09 174 P P, 11 29 16.1 0.0, GAR, 2.09 174 P P, 11 29 16.1 0.0, GAR, 2.09 174 P P, 11 29 17.1 +1.6, MNAS, 2.33 52 P P, 11 29 17.6 +1.1, MNAS, 2.33 52 P P, 11 29 17.6 +1.1, AML, 2.94 68 P P, 11 29 26.4 +1.2, AML, 2.94 68 P P, 11 29 26.4 +1.2, UCH, 3.55 70 P P, 11 30 02.3 +1.5, UCH, 3.55 70 P P, 11 30 02.3 +1.5, UCH, 3.55 70 P P, 11 30 35.0 +1.4, UCH, 3.55 70 P P, 11 31 16.8 +0.9, TKM2, 4.54 64 P P, 11 29 58.9 +1.9, TKM2, 4.54 64 P P, 11 29 58.9 +1.9

Table of astronomical observations for 4w 13h, listing stations like Kunigami, Kellerberrin, Morawa, etc., with columns for time, position, and other parameters.

Table of astronomical observations for 2015 DEC, listing stations like YKA, PDAR, PDAR, etc., with columns for time, position, and other parameters.

Table of astronomical observations for 164, listing stations like KSM, JAGI, JAGI, etc., with columns for time, position, and other parameters.

BJI		SS	SnSn	13 34 51.1	+11
BJI	comp=Z,23nm,1.2s	Pmax	Pmax		
BJI	comp=Z,3um,7.7s	LR	LR		
BJI	comp=Z,1um,6.4s	LR	LR		
BJI	comp=Z,2um,8.7s	LR	LR		
BJT	Baijatuau	17.75 192	P	Pn	13 31 08.8 -1.3
BJT	Baijatuau	17.75 192	Pn	Pn	13 31 08.8 -1.3
BTO	Baotou	16.30 207	eP	S	13 31 21.2 +4.1
BTO			LR	LR	13 34 48.6 +2.5
BTO	comp=Z,4um,9.0s	LR	LR		
BNRIK	Noril'sk	18.75 323	P	P	13 31 19.2 -2.5
BNRIK	comp=Z,3.5nm,0.3s,baz=135,slow=8.1,SNR=21	S	Sn		13 34 38.1 -1.3
BNRIK	Noril'sk	18.75 323	P	P	13 31 17.1 -4.6
BNRIK	comp=Z,39nm,0.7s	Pmax	Pmax		
BNRIK	Noril'sk	18.75 323	P	P	13 31 17.1 -4.6
BNRIK	comp=Z,39nm,0.7s	I	I		
ASAJ	Asahikawa	19.04 125	P	Pn	13 31 25.4 -0.4
ASAJ	Asahikawa	19.04 125	P	Pn	13 31 27.3 +1.5
ASAJ	comp=Z,54nm,1.1s	Pmax	Pmax		
JKA	Kamikawa-asahi	19.04 125	P	Pn	13 31 27.3 +1.5
JKA	comp=Z,54nm,1.1s	I	I		
INCN	Inchon	20.37 167	P	P	13 31 40.0 +0.3
INCN	comp=Z,81nm,1.0s	Pmax	Pmax		
INCN	Inchon	20.37 167	P	P	13 31 40.0 +0.3
ZAAO	Zalesovo Array	20.48 276	P	I	13 31 39.7 -1.0
ZAAO	comp=Z,16nm,0.7s,baz=330,slow=15,SNR=6.0	I	I		
ZALV	Zalesovo Beam	20.48 276	P	P	13 31 40.3 -0.4
ZALV	comp=Z,16nm,0.7s,baz=330,slow=15,SNR=6.0	P	P		
ZALV	Zalesovo Beam	20.48 276	P	P	13 31 40.2 -0.4
ZALV	comp=Z,15nm,0.7s	Pmax	Pmax		
ZALV	Zalesovo Beam	20.48 276	P	Pn	13 31 39.8 -0.9
KS19	Wonju Array Si	20.52 164	P	Pn	13 31 40.3 -0.5
KS19	comp=Z,38nm,1.1s	I	I		
KSRS	Korea Array	20.57 164	P	P	13 31 42.6 +0.8
KSRS	comp=Z,18nm,0.9s,baz=352,slow=10,SNR=23	LR	LR		
KSRS	comp=Z,165nm,20.5s,baz=348,slow=38	LR	LR		
KSAR	Wonju Array Be	20.58 164	P	P	13 31 41.5 -0.4
KSAR	Wonju Array Be	20.58 164	P	P	13 31 41.5 -0.4
DGZ	Jazzator, Alfa	21.16 263	iP	P	13 31 45.6 -2.7
PEA0B	Petrovlovsk	21.21 86	P	P	13 31 49.1 +0.4
PEA0B	comp=Z,136nm,1.4s	Pmax	Pmax		
PEA0B	Petrovlovsk	21.21 86	P	P	13 31 49.1 +0.4
PETK	Petrovlovsk	21.21 86	P	P	13 31 49.5 +0.8
PETK	comp=Z,22nm,0.9s,baz=333,slow=8.3,SNR=13	P	P		
PETK	Petrovlovsk	21.21 86	P	P	13 31 50.2 +1.5
PETK	Petrovlovsk	21.21 86	P	P	13 31 52.4 0.0
TJN	Taejon	21.55 166	iP	P	13 31 57.3 +2.7
PET	Petrovlovsk	21.77 86	eS	S	13 35 50.1 -4.7
PET	comp=Z,69nm,0.8s	Pmax	Pmax		
PET	Petrovlovsk	21.77 86	P	P	13 31 55.9 +1.4
PET	comp=Z,500nm,16.0s	I	I		
BILL	Bilibino	22.70 44	iP	P	13 32 05.7 +1.3
BILL	comp=Z,42nm,0.9s	S	S		
BILL	Bilibino	22.70 44	P	P	13 32 31.1
BILL	comp=Z,12nm,0.8s	Pmax	Pmax		
BILL	Bilibino	22.70 44	P	P	13 32 03.8 -1.0
GTA	Gaotai	22.70 226	iP	P	13 32 07.9 -0.8
GTA	comp=Z,22nm,0.9s	pP	pP		
GTA	Gaotai	22.70 226	sP	sP	13 32 10.9 +0.4
GTA	comp=Z,240nm,4.9s	sS	Sn		
GTA	Gaotai	22.70 226	Pmax	Pmax	13 36 22.7 -4.3
GTA	comp=Z,1um,9.3s	LR	LR		
GTA	comp=Z,2um,8.0s	LR	LR		
GTA	comp=Z,1um,10.2s	LR	LR		
ZSN	Zaisan	23.87 261	eP	P	13 32 16.3 -0.1
ZSN	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
ZSN	Zaisan	23.87 261	eP	P	13 32 16.3 -0.1
MAT	Matsushiro	23.91 144	P	P	13 32 16.3 -0.5
MAT	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eS	S		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.6 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	eP	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	eP	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	eP	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	eP	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	eP	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	eP	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	eP	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	eP	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		
MJAR	Matsushiro Arr	23.91 144	eP	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	pP	sP		
MJAR	Matsushiro Arr	23.91 144	pP	sP	13 32 25.8 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	sP	sP		
MJAR	Matsushiro Arr	23.91 144	sP	sP	13 32 30.2 +5.8
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	S	S		
MJAR	Matsushiro Arr	23.91 144	S	S	13 36 44.2 +5.7
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	Pmax	Pmax		
MJAR	Matsushiro Arr	23.91 144	Pmax	Pmax	13 37 24.0 +3.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	P	P		
MJAR	Matsushiro Arr	23.91 144	P	P	13 32 16.5 -0.3
MJAR	comp=Z,15nm,1.1s,baz=334,slow=8.7,SNR=8.5	eP	P		

SCRC	baz=308 Sand Creek	42.77	40	P	P	13 35 00.2	-0.1
BRSE	baz=308 Bradley Lake S	42.81	48	P	P	13 35 01.1	+0.6
PAXE	baz=307 Paxson	42.86	42	P	P	13 35 01.6	+0.7
SCM	baz=308 Sheep Creek Mo	42.87	44	P	P	13 35 01.6	+0.6
DOT	baz=308 Dot Lake	42.94	41	P	I Amb	13 35 02.5	+0.9
A36M	comp=Z,18nm,0.8s Sachs Harbour	42.95	25	P	I Amb	13 35 02.8	+1.3
A36M	comp=Z,20nm,0.8s Sachs Harbour	42.95	25	P	P	13 35 02.6	+1.2
PWL	baz=308 Port Wells	43.08	46	P	P	13 35 04.2	+1.6
M24K	baz=308 Tolsona, Glenn	43.13	43	P	P	13 35 05.0	+1.9
MOS	Moscow	43.13	305	eP	P	13 35 05.1	+2.0
MOS				eS	S	13 36 47.2	
MOS				eS	S	13 41 31.1	+2.4
MOS				pmax	pmax		
KDAK	comp=Z,48nm,1.2s Kodiak Island	43.26	51	P	P	13 35 05.5	+1.4
HARP	baz=309 HAARP	43.32	43	P	P	13 35 05.7	+1.1
INK	baz=309 Inuvik	43.33	31	P	P	13 35 05.5	+0.9
INK	comp=Z,4.8nm,1.0s,ba=330,slow=10,SNR=7.6 Inuvik	43.33	31	P	P	13 35 05.2	+0.7
INK	comp=Z,11nm,1.2s Inuvik	43.33	31	P	P	13 35 05.2	+0.7
INK	comp=Z,11nm,1.2s Inuvik	43.33	31	P	P	13 35 06.4	+1.9
MENT	baz=311 Mentasta	43.51	41	P	P	13 35 07.2	+1.1
L26K	baz=309 Log Cabin Wild	43.58	41	P	P	13 35 06.6	-0.1
DAG	baz=309 Danmarks Havn	43.59	347	i P	I Amb	13 35 06.0	-0.6
DAG				I Amb	I Amb	13 35 11.4	
KLU	comp=Z,11nm,0.7s Klutina	43.60	44	P	P	13 35 08.7	+1.7
STEI	baz=309 Steigen Array B	43.61	328	eP	P	13 35 06.3	-0.5
EPYK	baz=310 Eagle Plains	43.65	35	P	P	13 35 08.2	+0.9
I29M	baz=310 Ogilvie Camp,	43.80	37	P	P	13 35 10.4	+1.9
FAUS	baz=310 Fauske	43.96	328	eP	P	13 35 09.3	-0.3
OBN	Obninsk	43.99	305	i P	P	13 35 08.0	-2.0
OBN				pmax	pmax	13 36 54.5	
OBN	comp=Z,14nm,1.1s Obninsk			pmax	pmax		
OBN	comp=Z,14nm,1.1s Obninsk			MLR	MLR		
N25K	comp=Z,214nm,14.0s Chitina, Valde	44.03	43	P	P	13 35 12.2	+1.8
L27K	baz=310 Beaver Creek,	44.10	40	P	P	13 35 11.4	+0.6
L27K	baz=310 Beaver Creek,	44.10	40	P	P	13 35 12.4	+1.6
M26K	baz=310 Nabesna, AK	44.10	42	P	P	13 35 12.7	+1.7
BCAR	baz=310 Beaver Creek A	44.11	40	P	P	13 35 12.3	+1.3
VRH	Novokhoporsky	44.12	297	eP	P	13 35 10.2	-0.9
VRH				pmax	pmax		
FIAT	comp=Z,30nm,0.7s FINESSE Array S	44.26	317	P	P	13 35 11.3	-0.8
FINES	comp=Z,21nm,0.7s,ba=337,slow=8.9,SNR=31 FINESSE Array B	44.26	317	P	P	13 35 11.7	-0.4
FINES				LR	LR	13 36 17.2	
FINES	comp=Z,91nm,19.2s,ba=48,slow=40 FINESSE Array B	44.26	317	P	P	13 35 11.5	-0.6
EYAK	baz=310 Cordova Ski Ar	44.27	45	P	P	13 35 13.9	+1.3
DAWY	baz=311 Dawson	44.28	38	P	P	13 35 13.8	+1.4
BMRM	baz=310 Bremner River	44.43	44	P	P	13 35 15.3	+1.8
LPSR	baz=310 Galich'ya Gora	44.53	301	eP	P	13 35 12.6	-1.8
LPSR				pmax	pmax		
M27K	comp=Z,10.0nm,0.6s Edge Creek, AK	44.53	41	P	I Amb	13 35 15.6	+1.1
M27K				I Amb	I Amb	13 35 21.9	
M27K	comp=Z,7.8nm,0.8s Edge Creek, AK	44.53	41	P	P	13 35 16.2	+1.7
GEYT	baz=310 Ailbeck	44.73	272	P	P	13 35 15.6	-0.7
GEYT	comp=Z,9.6nm,0.8s,ba=338,slow=1.6,SNR=11 Ailbeck	44.73	272	P	P	13 35 16.2	0.0
GEYT				I Amb	I Amb	13 35 20.5	
GYA0B	comp=Z,20nm,1.2s ALIBECK ARRAY	44.73	272	P	P	13 35 16.2	0.0
MCARA	baz=311 McCarthy VSAT	44.75	43	P	P	13 35 18.9	+2.8
MOR8	baz=312 Moi Rana	45.02	327	eP	P	13 35 16.4	-1.8
NEEM	baz=312 North Greenland	45.23	358	eP	P	13 35 20.2	+0.1
VSR	baz=314 Storozhevoye	45.33	299	eP	pmax	13 35 19.2	-1.5
VSR				pmax	pmax		
YUK3	comp=Z,10.0nm,0.8s Moose Creek	45.42	41	P	P	13 35 23.6	+1.9
BGLC	baz=312 Bering Glacier	45.48	44	P	P	13 35 22.7	+0.9
CTG	baz=311 Chitna Glacier	45.64	43	P	P	13 35 25.2	+1.9
MAYO	baz=312 Mayo, Yukon	45.76	37	P	P	13 35 26.0	+1.9
DBG	baz=313 Daneborg	45.94	346	i P	P	13 35 25.0	-0.3
M30M	baz=313 Minto, Yukon	46.15	39	P	P	13 35 29.7	+2.5
YUK4	baz=313 Talbot Arm	46.35	41	P	P	13 35 30.0	+1.0
NSS	baz=314 Namsos	46.92	326	eP	P	13 35 32.8	-0.2
HYT	baz=314 Haines Junctio	47.12	41	P	P	13 35 37.2	+2.3
M31M	baz=315 Drury Creek, Y	47.22	38	P	P	13 35 37.6	+2.0
PNL	baz=314 Peninsula	47.23	43	P	P	13 35 37.6	+1.9
N31M	baz=315,SNR=7.0 Graeburn, Yuko	47.26	39	P	P	13 35 38.2	+2.3
FARO	baz=316 Faro, Yukon	47.55	38	P	P	13 35 39.4	+1.3
WHY	baz=316 Whitese	48.15	40	P	P	13 35 43.7	+0.8
MNK	baz=316 Minsk	48.16	309	i P	P	13 35 43.1	+0.2
MNK				i PPP	PPP	13 37 35.5	
MNK				i S	S	13 38 23.1	
MNK				i SSS	SSS	13 42 40.2	-1.0
MNK				i SSS	SSS	13 47 21.1	
MNK	comp=N,25nm,0.8s			pmax	pmax		
MNK	comp=Z,22nm,0.9s			pmax	pmax		
MNK	comp=E,7.0nm,1.3s			MLR	MLR		
MNK	comp=Z,240nm,16.0s			MLR	MLR		
MNK	comp=E,57nm,18.0s			MLR	MLR		
MNK	comp=N,344nm,23.0s Minsk	48.16	309	i P	P	13 35 43.1	+0.2
MNK	comp=E,7.0nm,1.3s			i P	P	13 35 43.1	+0.2
MNK	comp=N,25nm,0.8s			i P	P	13 35 43.1	+0.2
MNK	comp=Z,22nm,0.9s,ba=229			i PP	PP	13 37 35.6	+0.7
MNK				i PPP	PPP	13 38 23.1	
MNK				i S	S	13 42 40.3	-0.9
MNK				i SSS	SSS	13 46 16.9	+7.1
MNK				i LQ	LQ	13 52 34.5	
MNK				i LR	LR	13 56 14.6	
MNK				i LRM	MLR	13 57 35.5	
MNK	comp=E,57nm,18.0s			i LRM	MLR	13 57 42.0	
MNK	comp=Z,240nm,15.8s			i LRM	MLR	13 57 47.1	
NACGM	comp=N,344nm,22.8s Naroch	48.35	310	i P	P	13 35 44.5	+0.2
KIV	Kislovodsk	48.57	289	i P	P	13 35 48.3	+2.0

KIV	Kislovodsk	48.57	289	eP	P	13 35 46.6	+0.3
KIV	comp=Z,14nm,1.0s			pmax	pmax		
KIV	comp=Z,174nm,16.0s			MLR	MLR		
KBZ	baz=316 Khabaz	48.62	289	LR	LR	13 39 54.0	
SKAG	comp=Z,192nm,18.6s,ba=51,slow=40 Skagway	48.85	41	P	P	13 35 49.8	+1.7
P33M	baz=317 Teslin, Yukon	49.18	39	P	P	13 35 52.4	+1.6
SUMG	comp=Z,5.0nm,0.6s Summit	49.44	352	P	pmax	13 35 53.0	0.0
SUMG				pmax	pmax		
SUMG	comp=Z,5.0nm,0.6s Summit	49.44	352	i P	I Amb	13 35 53.0	0.0
SUMG				I Amb	I Amb	13 35 57.4	
SUMG	comp=Z,6.3nm,0.7s Summit	49.44	352	P	I Amb	13 35 53.0	0.0
SUMG				I Amb	I Amb	13 35 57.5	
NC305	comp=Z,4.5nm,0.6s NORSAR Array S	49.52	323	P	P	13 35 52.8	-0.5
DOMB	baz=319 Dombas	49.64	325	eP	P	13 35 53.6	-0.6
MOL	baz=319 Molde	49.70	326	eP	P	13 35 54.0	-0.6
TGNT	baz=319 Hyland Airport	49.71	36	P	P	13 35 56.0	+1.3
NB2	comp=Z,31nm,1.1s,ba=39,slow=7.9 NORSAR Subarra	49.71	323	P	P	13 35 53.9	-0.9
NB2	comp=Z,31nm,1.1s,ba=39,slow=7.9 NORSAR Subarra	49.71	323	P	P	13 35 53.9	-0.9
NOA	comp=Z,9.7nm,0.9s,ba=42,slow=7.7,SNR=13 NORSAR Array B	49.71	323	P	P	13 35 54.1	-0.7
NC602	comp=Z,9.7nm,0.9s,ba=42,slow=7.7,SNR=13 NORSAR Array S	49.83	323	eP	P	13 35 55.0	-0.6
WRGLY	baz=319 Wrigley	49.87	32	P	P	13 35 57.3	+1.4
AKN	baz=319 Aaknes	50.17	326	eP	P	13 35 58.6	+0.4
AKASG	comp=Z,1.0nm,0.6s,ba=41,slow=8.7,SNR=24 Malin Array Be	50.25	304	P	P	13 35 57.6	-1.3
AKASG				pmax	pmax	13 35 58.7	-0.2
AKASG	comp=Z,10.0nm,0.6s Malin Array Be	50.25	304	P	P	13 35 58.9	-0.1
AKASG				eP	P	13 35 58.8	-0.1
AKASG				I Amb	I Amb	13 35 57.8	-1.1
AKASG				I Amb	I Amb	13 36 01.9	
SOC	comp=Z,1.7nm,1.1s Sochi	50.34	291	eP	P	13 35 57.2	-2.5
SOC				ePPP	PPP	13 37 51.2	
SOC				eS	S	13 39 47.2	
SOC				eSS	SS	13 46 40.6	-4.5
SOC				pmax	pmax		
SOC	comp=Z,13nm,0.8s			MLR	MLR		
SOC	comp=Z,232nm,12.0s Watson Lake, Y	50.60	37	P	P	13 36 03.1	+1.6
WTLY				P	P	13 36 02.0	-0.2
OSL	baz=319 Oslo	50.79	322	eP	P	13 36 03.7	-0.2
SKAR	baz=319 Skarslia	50.92	324	eP	P	13 36 06.4	-0.3
KONO	baz=319 Kongsberg	51.29	323	eP	P	13 36 08.4	-0.3
WRAK	baz=319 Wrangell Islan	52.17	42	P	P	13 36 13.8	+0.5
SORM	comp=Z,51nm,18.4s,ba=20,slow=40 Soroqa	52.50	302	i P	P	13 36 15.1	-0.7
YKA	comp=Z,2.1nm,0.6s,ba=329,slow=6.6,SNR=6.2 Yellowknife Ar	52.85	29	P	P	13 36 18.8	+0.3
YKA				LR	LR	14 02 36.6	
LVV	comp=Z,51nm,18.4s,ba=20,slow=40 L'vov	53.18	307	eP	P	13 36 20.5	-0.3
KWP	baz=319 Kalwaria Pacla	53.89	307	eP	P	13 36 26.7	+0.6
BUR08	baz=319 Bucovina Ar. S	54.29	304	P	P	13 36 29.6	+0.5
BURAR	baz=319 Bucovina Array	54.30	304	i P	P	13 36 29.1	-0.1

4d 17h

2015 DEC

172

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

IDC 04 17:02:47.1±1.7, 4.76S, 144.27E, h90km, 15km, mb4.1/15, mb1.4/2.19, mb1mx4.1/39, mbtmp4.4/19, MS3.3/6, Ms1.3/3.6, ms1mx3.0/35, Error ellipse: s-maj=17.5km s-min=9.5km az=58.0

NEIC 04 17:02:48.7±1.6, 4.83S, 0.06°144.18E, 0.06, h106km, 5km, mb4.7/81, Error ellipse: s-maj=9.9km s-min=7.7km az=221.0

DJA 04 17:02:48.8±0.3, 5.4°14.4'E, h56km, 5km, M4.5/17, mb5.1/7, mb4.8/17, MLV4.3/5, Mw(mb)4.5/7

ISC 04 17:02:47.8±0.4, 4.80S, 0.05, 144.20E, 0.05, h88km, 1n164, s126/161, mb4.7/62, Near north coast of New Guinea

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAY, MANU, PMG, etc.

Table with columns: P, S, I, A, M, B. Includes station names like PILBARA SEISMI, FORREST, GIRL, etc.

Table with columns: P, S, I, A, M, B. Includes station names like ILAR, ELIELSON ARRY, HERAT, etc.

NEIC 04 17:11:00.1±2.1, 6.76N, 0.08, 127.24E, 0.07, h40km, 7km, mb4.6/33, Error ellipse: s-maj=12.7km s-min=8.9km az=220.0

IDC 04 17:11:02.8±2.6, 6.60N, 127.15E, h63km, 25km, mb3.6/9, mb1.3/9.12, mb1mx3.7/38, mbtmp4.0/12, ML4.1/13, MS3.2/12, Ms1.3/3.12, ms1mx3.1/45, Error ellipse: s-maj=28.4km s-min=11.1km az=61.0

DJA 04 17:11:02.5±0.9, 7.6°12.7'E, h51km, 7km, M4.5/15, mb4.8/7, mb4.6/15, MLV4.7/8, Mw(mb)4.1/7

MAN 04 17:11:58.5, 6.59N, 127.12E, h7km, mb5.0, ML4.0, MS4.0, ISC 04 17:02:49.0±0.4, 6.61N, 0.05, 127.13E, 0.06, h74km, n92, s181/189, mb4.4/25, 2C-4D, Philippine Islands region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAVAO CITY, LABUHA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ASAR, JMM, MORV, FORT, BBOO, STKA, GTA, ARMA, SONM, DZM, PETK, YAK, MK31, MKAR, NIL, ZALV, KURK, SMY, BTIK, BTK, GARM, KKRAR, AFI, BSXZ, TIXI, BRVK, ABKAR, ILAR, NOA, TORD.

KRSC 04 17:29:10.8; 1.9, 50.28N; 157.22E, h24km, 26km, ML4.6
MOS 04 17:29:10.2; 0.7, 50.06N; 157.04E, h47km, mb4.9/2, Error ellipse: s-maj=19.6km s-min=4.4km az=79.2

NEIC 04 17:29:13.1; 1.2, 50.22N; 0.1; 156.83E; 0.04, h58km, 10km, mb4.7/13, Error ellipse: s-maj=14.9km s-min=3.9km az=182.0

ISC 04 17:29:14.9; 3.5, 50.38N; 156.69E, h65km, 31km, mb3.4/9, mb1.3/8/12, mb1mx3.5/48, mbtmp3.8/12, ML3.3/3, MS3.2/2, Ms1.3/2.2, ms1mx2.6/37, Error ellipse: s-maj=41.9km s-min=15.5km az=148.0

ISC 04 17:29:11.5; 0.5, 50.10N; 0.1; 157.01E; 0.06, h39km, 4km, n88, c1841/119, mb4.0/15, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SKR, PAU, KDR, MIPR, ASAK, RUS, APC, PEAOB, PETK, PET, DALK, UGLR, AVH, KOK, SMAR, KRER, SDLR.

Table with columns: SDR, NLC, SPN, SFL, GNL, KIL, TUMD, TUMR, ESO, KMINR, KMRN, Yuzh-Sakalin, JKA, ASAJ, ASAJ, SEY, KLR, BILL, TNA, ANM, TTA, TTA, IMAR, CNPM, COLD, RC01, H1N2, H1N3, H1N1, ILAR, ILAR, H1S3, H1S2, SONM, BMAR, L27K, ISLE, INK, INK, INK, YKA, MKAR, CMAR, NVAR, PDAR, TXAR, TXAR, ASAR.

WAKE ISLAND Hy 31.33 162 T T 18 09 02.6
WAKE ISLAND Hy 31.34 162 T T 18 09 04.7
WAKE ISLAND Hy 31.35 162 T T 18 09 07.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.49 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

WAKE ISLAND Hy 32.48 163 T T 18 10 32.4
WAKE ISLAND Hy 32.50 163 T T 18 10 28.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include OK034, R32A, TUL1, X34A, CBKS, KSU1, LOOK, USA8, X37A, AMTX, HHAR, Z35A, W39A, S39A, U40A, MSTX, P38A, MGMO, T25A, X40A, R40A, WHAR, P40A, CCM, JCT, ISCO.

IDC 04 17:34:25.4; 4.4, 3.09S; 154.25E, h0km, mb3.4/2, mb1.3/7.2, mb1mx3.3/37, mbtmp3.4/2, Error ellipse: s-maj=216.8km s-min=47.9km az=118.0, North of Solomon Islands

WARRAMUNGA ARR 25.65 228 P P 17 39 57.3 +0.2
ALICE SPRINGS 28.32 228 P P 17 40 21.5 -0.2

TOROI ARR 151.08 292 PKPbc PKPbc 17 54 21.3 -0.3

JMA 04 17:45:24.1; 4.4, 24.78N; 122.02E, h11km, 3km, M2.6
TAP 04 17:45:25.0; 24.89N; 122.02E, h106km, ML3.7, D
ISC 04 17:45:24.1; 1.4, 24.90N; 0.05; 122.04E; 0.03, h113km, 7km, n83, c067/111, Taiwan region

EGS santia37 0.11 241 eP Pn 17 45 39.8 +0.2
TWB1 santiao37 0.12 237 eP Pn 17 45 39.9 +0.2

NTC Toucheng 0.20 257 eP Pn 17 45 39.9 +0.1
TIPB Shuangxi 0.21 290 eP Pn 17 45 40.1 +0.1

TIPB Wufen Shan 0.29 306 eP Pn 17 45 40.4 +0.1
ILA ilan 0.29 243 eP Pn 17 45 40.6 +0.4

ILA Suao 0.34 211 eP Pn 17 45 40.4 0.0
TWC Suao 0.34 211 eP Pn 17 45 40.4 0.0

TWC Neicheng 0.38 242 eP Pn 17 45 41.2 +0.6
NDS Dongshan 0.40 228 eP Pn 17 45 41.6 +0.9

TWA Mucha 0.42 281 eP Pn 17 45 41.5 +0.6
YMH1 Xindian Distri 0.47 278 eP Pn 17 45 41.8 +0.7

YMH2 Yindian 0.49 300 eP Pn 17 45 41.9 +0.6
ENTT Nioudou 0.50 239 eP Pn 17 45 42.0 +0.7

NWLT baz=256 0.50 256 eP Pn 17 45 41.6 +0.2
NWLT baz=256 0.50 256 eS Sn 17 45 53.9 -0.3

TAP Tainpei 0.50 286 eP Pn 17 45 42.0 +0.7
EWUT Wuta 0.51 208 eP Pn 17 45 41.6 +0.2

EWUT baz=206 0.51 208 eS Sn 17 45 55.1 +0.8
ENA Nanau 0.54 210 eP Pn 17 45 42.0 +0.4

ENA baz=208 0.54 210 eS Sn 17 45 55.2 +0.5
ANP Anpu 0.55 301 eP Pn 17 45 42.5 +0.8

NDT Datong Townshi 0.56 238 eP Pn 17 45 42.3 +0.6
NTST baz=238 0.60 296 eP Pn 17 45 42.8 +0.8

TWS1 Kuangyinshan 0.60 290 eP Pn 17 45 42.6 +0.7
YHNB Yeheng 0.62 249 eP Pn 17 45 42.4 0.0

YHNB baz=249 0.62 249 eS Sn 17 45 55.7 -0.5
NSK Sangung 0.66 250 eP Pn 17 45 42.5 0.0

NNS Nan Shan 0.76 233 eP Pn 17 45 43.8 +0.4
NNS baz=232 0.76 232 eS Sn 17 45 58.5 +0.6

NNSB Datong 0.76 232 eP Pn 17 45 43.8 +0.3

4d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Shilin, Renal, Sany, Liyutan, etc.

NEIC 04 17:57:27.0±2.1, 31°25'S±0.05; 68°4W±0.1, h101km, 2km, mb4.3/4, Md4.2(SJA), Error ellipse: s-maj=13.0km

SJA 04 17:57:26.4±0.7, 31°21'S±0.08; 68°32'W, h105km±2km, ML4.0, MW4.0

ISC 04 17:57:26.2±2.4, 31°24'S±68°40'W, h101km±21km, mb3.5/5, mb1.3/7/10, mb1mx3.6/28, mbtmp3.9/10, MS2.1/1, Ms1.2.8/1, ms1mx2.5/14, Error ellipse: s-maj=30.5km

GUC 04 17:57:27.6±0.6, 31°16'S±68°9'W, h159km±15km, ML4.2

ISC 04 17:57:26.0±0.6, 31°22'S±0.03; 68°33'W±0.03, h104km±6km, n109, e26/03/152, mb3.9±0.4C-1D, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Villicun, Zonda, RTLL, etc.

2015 DEC

Main table with columns: VCA, IAML, Time, Res. Includes stations like MRA, PEL, CO05, etc.

17 58 41.1 comp=Z,1.1nm,0.7s,baz=315,slow=2.3,SNR=6.0

17 58 07.2+1.6 17 58 37.7+1.6 17 58 37.9

IDC 04 18:00:34.7±5.9, 34°43'S±107°59'W, h0km, mb3.9/2, mb1.4/3/2, mb1mx3.7/27, mbtmp3.9/2, MS3.4/8, Ms1.3.4/8, ms1mx3.2/21, Error ellipse: s-maj=485.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPN, H03S2, H03S1, etc.

WEL 04 18:12:36.1±0.5, 43°S±4°17'7E±1, h33km, M3.1/15, ML3.6/26, MLv3.1/15, Error ellipse: s-maj=0.0km

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

MDD 04 18:19:11.5±1.7, 37°25'N±14°15'W, h0km, mb4.4/5, Error ellipse: s-maj=15.2km s-min=13.7km az=42.0, PRXIMO

IGIL 04 18:19:12.1, 37°27'N±14°29'W, h12km, ML2.4

INMG 04 18:19:12.9±1.1, 37°09'N±14°57'W, h10km, ML2.5, Error ellipse: s-maj=6.0km s-min=5.3km az=79.0

CNRM 04 18:19:19.8, 37°06'N±13°34'W, h214km

ISC 04 18:19:10.0±3.5, 37°28'N±109°14'W±0.2, h10km, n68, e18/4/122, Azores-Cape St Vincent Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MORF Marnelete, PNCL Nicolau / Gran, MESJ Messejana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESDC Sonseca Array, EDGU Los Guajares, GUD Guadarrama, etc.

IDC 04 18:43:04.6.2.4.25:00S:70:29W, h0km, mb4.2/1, mb1.4/1.3, mb1mx3.732, mbtmp4.0/3, ML3.9/2, MS2.3/1, Ms1.2/4.1, ms1mx2.2/22, Error ellipse: s-maj=100.9km s-min=40.1km az=96.0

GUC 04 18:43:09.4.0.5.24:74S:70:45W, h39km, 2km, ML3.9 ISC 04 18:43:05.8.2.1.24:79S:006:70:9W, 0.1h, 18km, 1.1km, n33, c117/26, 8C-1D, Near coast of northern Chile

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

IDC 04 18:43:17.1.4.9.19:50N:146:33E, h0km, mb4.1/3, mb1.4/3.3, mb1mx3.1/49, mbtmp4.1/3, Error ellipse: s-maj=305.6km s-min=34km az=91.0

NEIC 04 18:43:22.9.0.7.19:5N:0:2:146:4E:0.6, h35km, 2km, mb4.1/7, Error ellipse: s-maj=104.0km s-min=8.2km az=106.0

ISC 04 18:43:20.6:5.0.19:4N:0:3:147E:1, h35km, n9, c0628/9, mb4.1/8, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KNRA Kununurra, WB0 Warramunga Arr, WR0 Warramunga Arr, etc.

IDC 04 18:46:27.4.4.2.10:96N:88:04W, h0km, mb3.6/3, mb1.3/9.5, mb1mx3.6/40, mbtmp3.6/5, ML3.3/1, MS2.7/1, Ms1.2/7.1, ms1mx2.3/26, Error ellipse: s-maj=166.1km s-min=22.8km az=27.0

INET 04 18:46:29.9.11:17N:88:08W, h20km, MW3.5 ISC 04 18:46:32.2:3.9.11:1N:0:9:88:0W:0.5, h29km, n6, c1643/7, mb3.7/3, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTS Las Juntas de, CMIG Matias Romero, CMIG Lajitas Array, etc.

az=132.0 IDC 04 18:49:04.7:1.2.20:92S:178:72W, h614km, 13km, mb3.6/16, mb1.3/8.17, mb1mx3.7/34, mbtmp4.6/17, Error ellipse: s-maj=17.8km s-min=10.2km az=155.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, PINCO Pines Island, URZ Urewera, ARMA Armadale, CTA Charters Tower, etc.

ARCOR	ARCALIA	28.10 318	↑P	P	19 29 06.0 +0.6
OHR	Ghidra	28.11 304	↑P	P	19 29 07.2 +1.6
GZR	Gura Zlata	28.27 314	↑P	P	19 29 08.4 +1.4
BOVS	Bovan	28.27 309	eP	P	19 29 08.2 +1.2
HEHR	Herculane	28.28 312	↑P	P	19 29 08.0 +1.9
CJR	Cluj-Napoca	28.36 317	↑P	P	19 29 08.2 +1.4
OBN	Obninsk	28.44 341	P	P	19 29 08.2 0.0
OBN	Obninsk	28.44 341	ceP	P	19 29 09.0 +0.7
OBN				SS	19 29 56.0
OBN				SS	19 35 15.1 -3.9
OBN	comp-Z, 10.0nm, 0.4s			pmx	
OBN	comp-Z, 394nm, 18.0s			MLR	
OBN	Obninsk	28.44 341	P	Iamb	19 29 07.3 -1.0
OBN				Iamb	19 29 10.1
SELS	Selova	28.53 308	eP	P	19 29 09.7 +0.4
SVE	Sverdlovsk	28.58 101	eP	P	19 29 11.6 +2.0
SVE				pmx	
MDVR	Moldovita	28.70 312	↑P	P	19 29 12.6 +1.7
MOS	Moscow	28.71 343	eP	P	19 29 09.8 -0.9
MOS				e	19 29 58.4
MOS				eS	19 33 57.3 -1.0
MOS				pmx	
GKN	Gorkha	28.72 84	eP	P	19 29 10.4 -0.9
DRGR	Drgr	28.94 316	↑P	P	19 29 14.7 +1.7
DRGR		28.94 316	P	P	19 29 14.7 +1.7
MESR	Meseseneni	28.96 317	↑P	P	19 29 15.2 +2.1
GRUS	Gruza	29.03 309	eP	P	19 29 14.8 +1.0
BZS	Buzias	29.10 313	↑P	P	19 29 16.3 +1.9
DMN	Daman	29.20 84	eP	P	19 29 14.7 -1.0
KKN	Katani	29.31 84	eP	P	19 29 15.9 -0.8
SJES	Sjenica	29.33 308	eP	P	19 29 17.7 +1.1
SIRR	Siria	29.35 314	↑P	P	19 29 19.3 +2.7
TRUS	Trudelj	29.36 310	eP	P	19 29 17.7 +1.0
MAKZ	Makanchi	29.44 44	P	P	19 29 17.1 -0.3
MAKZ				pmx	
MAKZ	Makanchi	29.44 44	P	P	19 29 17.1 -0.3
MAKZ				Iamb	19 29 19.6
PKIN	Pulchokli	29.45 84	eP	P	19 29 17.5 -0.5
PKI	Pulchokli	29.47 84	eP	P	19 29 17.6 -0.6
KURBB	Kurchatov Arra	29.53 35	P	P	19 29 18.6 +0.6
KURBB				SS	19 29 18.1 0.0
KURBB				SS	19 29 19.1 +0.6
DRME	Dracevica, Mon	29.57 305	eP	P	19 29 18.7 0.0
PDG	Podgorica	29.58 306	eP	P	19 29 19.0 +0.4
PDG	Podgorica	29.58 306	P	P	19 29 19.0 +0.4
DIVS	Divibare	29.60 309	eP	P	19 29 19.8 +0.9
DIVS	Divibare	29.60 309	P	P	19 29 19.1 +0.2
DIVS	Divibare	29.60 309	eP	P	19 29 19.8 +0.9
MK31	Makanchi Array	29.63 45	P	pmx	19 29 18.9 -0.2
MK31				pmx	
MK31	Makanchi Array	29.63 45	P	P	19 29 18.9 -0.2
MK31				Iamb	19 29 21.1
MKAR	Makanchi Array	29.63 45	P	P	19 29 20.1 +1.1
MKAR				ScP	19 36 02.1 -1.7
MKAR	comp-Z, 2.6nm, 0.9s, baz=212, slow=1.1, SNR=7.3			LR	19 43 05.8
MKAR	Makanchi Array	29.63 45	P	P	19 29 18.7 -0.4
MKAR				ScP	19 36 02.1
MKAR	Makanchi Array	29.63 45	P	P	19 29 18.7 -0.4
MKAR				ScP	19 36 02.1
MKAR	Kurchatov	29.63 35	eP	P	19 29 19.8 +0.8
KURK				pmx	
KURK				pmx	
KURK	Kurchatov	29.63 35	P	Iamb	19 29 18.8 -0.1
KURK				Iamb	19 29 21.3
TRPA	Tarpa	29.68 318	↑P	P	19 29 21.0 +1.6
KIRV	Kirov	29.72 357	P	P	19 29 21.1 +1.5
KIRV				ScP	19 29 20.8 +1.2
KIRV	Kirov	29.72 357	ceP	P	19 29 20.7 -0.6
KIRV	Gumba	29.82 84	eP	P	19 29 20.7 -0.6
LONK	Lodwar	29.85 215	P	P	19 29 22.6 +1.3
RUDO	Rudo	29.86 308	eP	P	19 29 21.4 +0.2
UPM	Unac-Piva	30.06 307	eP	P	19 29 23.3 +0.2
UZH	Uzhgorod	30.07 319	eP	P	19 29 24.1 +1.2
UZH				e	19 29 28.5
FRGS	Fruska Gora	30.09 311	eP	P	19 29 24.8 +1.6
HCY	Herceg Novi	30.13 306	eP	P	19 29 23.8 +0.3
KOLS	Kolonice sedl	30.24 320	eP	P	19 29 26.8 +2.4
KOLS				pmx	
KOLS				SS	19 29 26.8 +2.4
KOLS				SS	19 29 25.3 +0.1
SEM	Semipalatinsk	30.29 37	eP	P	19 29 25.2 +0.1
SEM				pmx	
HAPS	Han Pijesak, BI	30.30 309	eP	P	19 29 26.4 +1.3
KWP	Kalwarja Pacia	30.36 321	eP	P	19 29 25.8 +0.9
KWP	Kalwarja Pacia	30.36 321	P	pmx	19 29 25.9 +0.4
KWP				pmx	
KWP	Kalwarja Pacia	30.36 321	P	P	19 29 25.9 +0.4
RAMN	Ramite	30.36 85	eP	P	19 29 27.1 -1.3
CRVS	Cervenica-Dubn	30.69 319	eP	P	19 29 30.0 +1.6
CRVS				pmx	
CRVS				pmx	
CRVS	Cervenica-Dubn	30.69 319	↑P	P	19 29 30.0 +1.6
TIP	Timpagrande	30.73 299	↑P	P	19 29 29.2 +2.0
TIP	Timpagrande	30.73 299	P	P	19 29 30.0 +1.0
TIP				Iamb	19 29 32.7
STON	Ston	30.81 306	eP	P	19 29 29.4 -0.1
MNK	Minsk	30.95 332	P	P	19 29 30.6 0.0
MNK				i	19 30 31.8
MNK				iS	19 34 32.4 -1.2
MNK				iSS	19 36 15.9 +1.6
MNK				pmx	
MNK	comp-Z, 13nm, 0.8s			MLR	
MNK	comp-E, 49nm, 17.0s			MLR	
MNK	comp-Z, 262nm, 14.0s			MLR	
MNK				MLR	
MNK	Minsk	30.95 332	iP	P	19 29 30.6 0.0
MNK				iP	19 29 30.6 0.0
MNK				iP	19 29 30.6 0.0
MNK	comp-Z, 13nm, 0.8s, baz=136			PnPn	19 30 31.9 +0.3
MNK				iS	19 34 32.4 -1.2
MNK				iSS	19 36 15.9 +1.6
MNK				LQ	19 39 59.2
MNK				LR	19 42 00.4
MNK				iLRM	19 43 10.5
MNK	comp-E, 49nm, 17.2s			iLRM	19 43 21.9
MNK	comp-N, 1µm, 32.0s			iLRM	19 43 21.9
KECS	Kecovo	31.06 318	eP	P	19 29 33.8 +2.2
KECS				pmx	
KECS	Kecovo	31.06 318	eP	P	19 29 33.8 +2.2
PSZ	Piszkesteto	31.15 316	eP	P	19 29 31.9 -0.7
PSZ	Piszkesteto	31.15 316	P	pmx	19 29 32.7 +0.1
PSZ				pmx	
PSZ	comp-Z, 25nm, 1.4s			P	19 29 32.7 +0.1
PSZ	Piszkesteto	31.15 316	P	Iamb	19 29 35.2
MORH	Mirgy, Hungar	31.25 313	↑P	P	19 29 34.6 +1.3
MORH	Mirgy, Hungar	31.25 313	↑P	P	19 29 34.4 +1.0
MORH	Mirgy, Hungar	31.25 313	↑P	P	19 29 34.3 +1.0
ODAN	Odare	31.34 85	eP	P	19 29 34.0 -0.6
BUD	Budapest	31.50 315	eP	P	19 29 36.6 +1.0
TAPN	Taplejung	31.52 84	eP	P	19 29 35.5 -0.8

KOVH	Kovagototos	31.55 312	eP	P	19 29 36.6 +0.6
NIE	Niedzica	31.60 319	eP	P	19 29 37.4 +0.9
MGRS	Mrkonjci Grad	31.68 309	eP	P	19 29 38.5 +1.3
NACGM	Naroch	31.68 332	eP	P	19 29 42.0 +5.0
CSK	Celso	31.69 313	eP	P	19 29 41.7 +2.4
SGRT	San Giovanni R	31.95 303	P	P	19 29 39.8 +0.1
LANS	Liptovska Anna	31.96 318	P	P	19 29 41.6 +2.0
LANS				pmx	
LANS	Liptovska Anna	31.96 318	eP	P	19 29 41.6 +2.0
YVHS	Yyhne	32.04 317	eP	P	19 29 41.8 +1.5
YVHS	Yyhne	32.04 317	eP	P	19 29 41.8 +1.5
SRO	Srobarova	32.08 315	eP	P	19 29 43.0 +2.4
SRO	Srobarova	32.08 315	eP	P	19 29 43.0 +2.4
WMQ	Urumqi	32.13 53	eP	P	19 29 41.9 +0.5
WMQ				pP	19 29 48.1 -0.3
WMQ				sP	19 29 57.8 +6.4
WMQ				pmx	
WMQ	comp-Z, 20nm, 0.9s			pmx	
WMQ	comp-Z, 280nm, 3.9s			LR	
WMQ	comp-Z, 450nm, 14.3s			LR	
WMQ	comp-Z, 800nm, 16.1s			LR	
WMQ	comp-Z, 530nm, 20.3s			LR	
OJC	Ojcow	32.28 320	eP	P	19 29 42.8 +0.4
OJC	Ojcow	32.28 320	P	P	19 29 42.3 -0.1
OJC				pmx	
OJC	comp-Z, 23nm, 0.8s			P	19 29 42.3 -0.1
OJC				Iamb	19 29 44.7
MPHL	Magyarpolny	32.31 314	eP	P	19 29 44.2 +1.5
ISAL	Salakas	32.42 333	eP	P	19 29 44.8 +1.3
EGYH	Egyhazakeszo	32.53 314	eP	P	19 29 46.1 +1.5
SUU	Suwali	32.66 328	eP	P	19 29 45.9 +0.2
SUU	Suwali	32.66 328	eP	P	19 29 46.0 +0.4
SUU	Suwali	32.66 328	eP	P	19 29 45.4 -0.2
SUU				pmx	
SUU	comp-Z, 53nm, 0.9s			pmx	
SUU	Suwali	32.66 328	P	P	19 29 45.4 -0.2
PAOL	Paolisi	32.69 302	P	P	19 29 46.0 -0.1
KOCS	Kocs	32.88 312	P	P	19 29 49.4 +1.8
JAVC	Velka Javorina	32.90 317	eP	P	19 29 50.1 +2.2
SMOL	Smolenice	32.90 316	eP	P	19 29 49.2 +1.4
SMOL	Smolenice	32.90 316	eP	P	19 29 49.2 +1.4
MODS	Modra-Piesok	32.94 316	eP	P	19 29 48.9 +0.7
MODS				pmx	
MODS	Modra-Piesok	32.94 316	eP	P	19 29 48.9 +0.7
ZST	Bratislava	32.97 315	eP	P	19 29 49.9 +1.4
ZST	Bratislava	32.97 315	eP	P	19 29 49.9 +1.4
PRGR	Perngore	33.00 354	eP	P	19 29 48.3 -0.2
PRGR				pmx	
PRGR	comp-Z, 19nm, 0.6s			pmx	
KMBO	Kilima Mbogo	33.01 208	P	P	19 29 52.1 +2.8
KMBO				ScP	19 36 16.2 +0.3
KMBO	comp-Z, 0.6nm, 0.3s, baz=52, slow=1.1, SNR=3.9			LR	19 44 28.3
KMBO	comp-Z, 2µm, 18.2s, baz=78, slow=38			P	19 29 50.2 +0.9
KLMR	Kilimovskoe	33.02 349	eP	P	19 29 48.0 -0.6
KLMR				pmx	
KLMR	comp-Z, 44nm, 0.7s			pmx	
KLMR	Kilimovskoe	33.02 349	eP	P	19 29 48.1 -0.6
KLMR				AMP	19 29 49.5
OKC	Ostrava-Krasne	33.04 319	eP	P	19 29 50.4 +1.4
OKC	Ostrava-Krasne	33.04 319	eP	P	19 29 50.4 +1.4
SOP	Sopron	33.12 314	eP	P	19 29 50.8 +1.1
CRES	Cresnevi	33.20 311	eP	P	19 29 51.0 +0.5
GRAN	Grani	33.24 310	iP	P	19 29 52.4 +1.6
PABE	Paberze	33.27 331	eP	P	19 29 51.9 +1.0
PABE	Paberze	33.27 331	P	P	19 29 51.1 +0.2
MORC	Moravsky Berou	33.36 318	↑P	P	19 29 52.8 +0.9
MORC	Moravsky Berou	33.36 318	eP	P	19 29 52.5 +0.6
MORC	Moravsky Berou	33.36 318	P	pmx	19 29 52.8 +0.9
MORC				pmx	
MORC	comp-Z, 19nm, 0.8s			P	19 29 52.8 +0.9
MORC				Iamb	19 29 54.1
ARSA	Arzberg	33.62 313	eP	P	19 29 55.4 +1.2
ARSA	Arzberg	33.62 313	eP	P	19 29 55.6 +1.5
CONA	Conrad Observa	33.64 314	iP	P	19 29 55.7 +1.3
CONA	comp-Z, 16nm, 1.0s, SNR=6.2			P	19 29 56.6 +1.6
VRAC	Vranov	33.73 317	↑P	P	19 29 56.6 +1.6
VRAC	Vranov	33.73 317	eP	P	19 29 56.6 +1.6
KRUC	Kruc	33.75 317	eP	P	19 29 56.5 +1.3
SOKA	Sotho	33.75 312	iP	P	19 29 56.9 +1.5
KIBK	Kibwezi	33.81 206	P	P	19 29 57.3 +1.2
KIBK				Iamb	19 29 59.5
CEY	Ceylon	33.86 310	eP	P	19 29 57.4 +1.1
LJUJ	Ljubljana	33.89 311	iP	P	19 29 58.5 +2.0
LJUJ	Ljubljana	33.89 311	eP	P	

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRH Wood River Hill, K20K Telida, J25K Salcha River, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PRU 04 19:37:35.5,0.0,51.45N, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PEXB Peixe, SALV Santo Antonio, SNDB Serra Nova Du, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like LTZ, KMSI, DSZ, SPMM, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like HYB, BHPL, TEND, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like GOREE, BHPL, TEND, etc.

4d 22h

2015 DEC

Table with columns: Station Name, Frequency, Power, Polarity, Azimuth, Elevation, and other parameters. Includes stations like ASHO, HATD, ASUD, UOSS, LSA, etc.

Table with columns: Station Name, Frequency, Power, Polarity, Azimuth, Elevation, and other parameters. Includes stations like DHRM, GUMO, WHN, KBL, etc.

Table with columns: Station Name, Frequency, Power, Polarity, Azimuth, Elevation, and other parameters. Includes stations like TIA, BTk, TIY, GEYT, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Villa Florida, Akbulak array, Mehethia, Sochi, Guaratinga, BA, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Livramento - P, Novokhoporsk, Celeste, Sao Desiderio, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Nuku Hiva Isla, Piszkesteto, Cervenica-Dubn, etc.

4d 22h

Table with columns for station name, frequency, power, and various status codes. Includes stations like PCAS Casimiro, PBRG Braganca, and others.

2015 DEC

Table with columns for station name, frequency, power, and various status codes. Includes stations like Hoya Hoyer, HVA Ask, and others.

190

Table with columns for station name, frequency, power, and various status codes. Includes stations like KBS BSB, TRN Trinidad, and others.

M19K	baz=260,SNR=23 Big River Lodg baz=265	144.16	44	P	PKPab	22 44 27.2	+0.2	
J20K	Cape Douglas, baz=262	144.19	49	P	PKPab	22 44 26.0	-1.3	
Q19K	Nowinta River baz=269,SNR=502	144.40	40	P	PKPab	22 44 27.9	+0.1	
L20K	Forewell, AK baz=267	144.44	43	P	PKPab	22 44 28.1	0.0	
P19K	Oil Pt baz=263	144.50	48	P	PKPab	22 44 26.9	-1.5	
SDD	Santo Domingo 144.52 223				PKPab	22 44 28.9	-0.6	
IMAR	Indian Mountain 144.56 37				PKPab	22 44 29.4	-0.5	
MATM	Matagorda 144.59 195				IAMs_20	22 44 09.7		
SUMG	Summit comp=Z,24m,22.0s	144.69 334	i	P	PKPab	22 44 29.0	-0.2	
SUMG	Summit comp=Z,242nm,1.1s	144.69 334	IAMs_20	IAMs_20	IAMs_20	23 52 14.2		
SUMG	Summit comp=Z,31m,22.0s	144.85 48	P	PKPab	22 44 27.9	-1.8		
U20K	Slope Mountain baz=264,SNR=48	144.96 38	P	PKPbc	22 44 29.5	-0.4		
H21K	Melozina Rive baz=272	144.96 38	P	PKPbc	22 44 29.5	-0.4		
CHUM	Lake Minchuminn baz=270,SNR=714	145.20 41	P	PKPab	22 44 30.7	0.0		
PPLA	Purkeypile baz=268,SNR=472	145.24 43	P	PKPbc	22 44 30.9	-0.1		
PPLA	Purkeypile baz=268,SNR=472	145.24 43	P	PKPbc	22 44 30.2	-0.8		
CAMT	Castle Rocks baz=270,SNR=129	145.30 42	P	PKPbc	22 44 29.2	-1.8		
HOST	Honana baz=264,SNR=40	145.30 39	P	PKPab	22 44 29.6	-1.5		
I21K	Tonah baz=272	145.32 39	P	PKPab	22 44 31.2	0.0		
ANGG	Ammassalik, Gr 145.41 322				PKPab	22 44 30.4	-0.8	
ANGG	Ammassalik, Gr comp=Z,23m,21.0s	145.41 322	IAMs_20	IAMs_20	IAMs_20	23 49 17.0		
JAKH	Jacmel 145.49 219				PKPbc	22 44 33.0	+0.1	
SDDR	Pres de Saban 145.61 222				eP	22 44 32.3	-0.8	
SDDR	Pres de Saban 145.61 222				pPKPab	22 44 43.9	+3.5	
CAPN	Captain Cook N comp=Z,17m,21.0s	145.64 46	IAMs_20	IAMs_20	IAMs_20	23 55 58.0		
CAPN	Captain Cook N baz=266,SNR=42	145.64 46	P	PKPab	22 44 31.2	-0.6		
BRLK	Bradley Lake comp=Z,19m,19.0s	145.69 48	IAMs_20	IAMs_20	IAMs_20	23 55 41.4		
NEEM	North Greenlan 145.72 344				eP	22 44 31.9	0.0	
SC01	Santiago de lo 145.74 223				pPKPab	22 44 45.6	+5.0	
BRSE	Bradley Lake S 145.76 48				PKPab	22 44 31.5	-0.6	
BPAW	Bear Paw Mtn baz=272,SNR=104	145.78 41	P	PKPab	22 44 31.6	-0.4		
ICESG	Greenland Ices 145.80 328				i	PKPab	22 44 32.2	-0.1
ICESG	Greenland Ices comp=Z,616m,1.0s	145.80 328	IAMb	IAMb	IAMb	22 44 34.5		
SNET	Serv Nac Est T 145.80 189				pPKPab	22 44 46.9	+5.9	
KTH	Kantishna Hill 145.82 42				IAMs_20	00 00 28.3		
MLY	Manley baz=273,SNR=683	145.86 39	P	PKPab	22 44 31.7	-0.4		
COLD	Coldfoot baz=277,SNR=442	145.89 35	P	PKPab	22 44 32.3	+0.2		
TGUH	Tegucigalpa,UN 145.91 193				eP	22 44 31.2	-2.7	
TOLK	Toolik Lake Re 145.93 32				PKPab	22 44 32.0	-0.2	
TOLK	Toolik Lake Re comp=Z,20m,19.0s	145.93 32	IAMs_20	IAMs_20	IAMs_20	23 56 60.0		
TOLK	Toolik Lake Re baz=280,SNR=1000	145.93 32	P	PKPbc	22 44 32.9	0.0		
TRF	Thorofare Moun comp=Z,17m,20.0s	146.11 42	IAMs_20	IAMs_20	IAMs_20	23 55 15.9		
TRF	Thorofare Moun baz=271	146.11 42	P	PKPab	22 44 32.4	-0.3		
FIS	Fire Island 146.11 46				PKPab	22 44 32.9	+0.3	
CUT	Chullina 146.12 44				PKPab	22 44 32.2	-0.3	
M22K	Willow baz=269,SNR=51	146.18 45	P	PKPab	22 44 32.4	-0.2		
O22K	Cooper Landing 146.32 47				PKPab	22 44 32.5	-0.4	
O22K	Cooper Landing baz=267,SNR=68	146.32 47	P	PKPab	22 44 32.6	-0.3		
RC01	Rabbit Creek A 146.34 46				PKPab	22 44 33.5	+0.5	
RC01	Rabbit Creek A baz=268,SNR=75	146.34 46	P	PKPab	22 44 33.0	+0.5		
I23K	Minto, Yukon-K baz=275,SNR=331	146.43 39	P	PKPbc	22 44 34.0	-0.4		
SEW	Seward 146.44 48				PKPab	22 44 33.1	-0.1	
BWN	Brown comp=Z,14m,19.0s	146.45 40	IAMs_20	IAMs_20	IAMs_20	23 58 06.7		
NEA2	Nenana comp=Z,13m,20.0s	146.59 40	IAMs_20	IAMs_20	IAMs_20	23 57 31.5		
NEA2	Nenana baz=274,SNR=192	146.59 40	P	PKPab	22 44 33.3	0.0		
PMR	Palmer baz=270,SNR=129	146.65 45	P	PKPab	22 44 33.5	+0.1		
MCK	McKinley comp=Z,7m,22.0s	146.70 41	IAMs_20	IAMs_20	IAMs_20	23 48 57.6		
MCK	McKinley baz=273,SNR=264	146.70 41	P	PKPab	22 44 34.2	+0.6		
RND	Reindeer comp=Z,19m,20.0s	146.75 42	IAMs_20	IAMs_20	IAMs_20	23 55 53.9		
YHJ	Yallahs 146.76 213				i	PKPbc	22 44 36.6	-0.2
RTAL	Retalhuleu 146.85 185				PKPbc	22 44 37.5	+0.4	
CMJ	Castle Mountain 146.94 213				i	PKPbc	22 44 36.9	-0.4
HOJ	Hope 146.96 213				i	PKPbc	22 44 37.6	+0.3
KNK	Knik Glacier baz=270,SNR=256	146.97 45	P	PKPab	22 44 34.5	+0.4		
H24K	Noodor Dome comp=Z,17m,20.0s	146.98 37	IAMs_20	IAMs_20	IAMs_20	23 57 34.4		
H24K	Noodor Dome baz=267	146.98 37	P	PKPab	22 44 34.4	+0.4		
GWJ	Greenwich 147.01 213				i	PKPab	22 44 38.9	-0.2
PWL	Port Wells 147.02 46				PKPab	22 44 34.5	+0.3	
SML	Sawmill baz=269,SNR=203	147.03 45	P	PKPab	22 44 34.4	+0.2		
STH	Stony Hill 147.04 212				i	PKPab	22 44 39.0	-0.1
TCOL	CIGO, UAF Yank 147.09 39				PKPab	22 44 33.1	-1.0	
TCOL	CIGO, UAF Yank baz=276,SNR=8.9	147.09 39	P	PKPab	22 44 36.1	-0.2		
COLA	College 147.09 39				PKP2	22 44 35.7	-0.6	
COLA	College 147.09 39				PKPbc	22 44 35.7	-0.6	
COLA	College 147.09 39				PKPab	22 44 34.7	+0.6	
MCJ	Malvern 147.22 211				i	PKPbc	22 44 38.9	+0.7
APG	El Apazole 147.23 188				PKPbc	22 44 37.5	-0.9	
POKR	Poker Plat Res 147.25 38				P	PKPab	22 44 35.1	+0.7
WAT6	Susitna Watana baz=272,SNR=582	147.29 43	P	PKPab	22 44 35.0	+0.3		
CVJ	Coleville 147.44 211				i	PKPbc	22 44 39.1	+0.3
MTJD	Mount Denham 147.44 211				PKPab	22 44 35.6	-0.7	
SCM	Sheep Creek Mo 147.51 45				PKP2	22 44 38.5	+0.8	
SCM	Sheep Creek Mo 147.51 45				PKPbc	22 44 38.5	+0.8	
SCM	Sheep Creek Mo 147.51 45				PKPab	22 44 35.4	+0.4	
ILAR	Eielson Array baz=271,SNR=96	147.51 39	P	PKPbc	22 44 36.0	+1.1		
ILAR	Eielson Array comp=Z,56m,0.8s,baz=286,slow=1.4,SNR=107	147.51 39	PKIKP	PKPab	PKPab	22 44 34.0	-0.9	
ILAR	Eielson Array 147.51 39				PKPbc	22 44 37.6		
ILAR	Eielson Array 147.51 39				PKPab	22 44 34.0	-0.9	
ILAR	Eielson Array 147.51 39				PKPab	22 44 37.6		
HDA	Harding Lake baz=276,SNR=113	147.53 40	P	PKPab	22 44 36.0	+1.1		
GLI	Glacier Island 147.63 46				PKPbc	22 44 38.9	+1.0	
GLI	Glacier Island 147.63 46				PKPab	22 44 35.2	+0.1	
GRTK	Grand Turk 147.73 224				PKPbc	22 44 39.2	-0.2	
FID	Port Fidalgo 147.93 47				PKPab	22 44 35.5	-0.1	
FID	Port Fidalgo 147.93 47				PKIKP	22 44 40.6	0.0	
FID	Port Fidalgo 147.93 47				IAMs_20	00 05 16.1		
Q23K	Middleton Isla 147.98 49				PKPbc	22 44 38.3	-0.5	
Q23K	Middleton Isla baz=268,SNR=7.1	147.98 49	P	PKPab	22 44 36.0	+0.3		
MIAR	Middleton Isla 147.98 49				PKP2	22 44 40.3	-0.4	
MID	Middleton Isla 148.00 34				PKPab	22 44 34.9	-0.8	
BMAR	Burnt Mountain 148.04 40				PKPab	22 44 40.1	-0.5	
M24K	Tolsona, Glenn 148.04 44				PKPbc	22 44 40.8	0.0	
M24K	Tolsona, Glenn 148.04 44				PKPab	22 44 36.4	+0.5	

GTBY	Guantanamo Bay 148.08 217				eP	PKPbc	22 44 40.1	-0.2
GTBY	Guantanamo Bay 148.08 217				PKPbc	PKPbc	22 44 41.2	+0.9
KLU	Klutina 148.19 45				PKPbc	PKPbc	22 44 40.8	-0.4
KLU	Klutina baz=272,SNR=72	148.19 45	P	PKPab	PKPab	22 44 36.4	+0.2	
DIV	Divide 148.27 46				PKPab	PKPab	22 44 34.0	-2.3
DIV	Divide 148.27 46				PKPab	PKPab	22 44 41.3	0.0
PAX	Paxson 148.31 42				PKP2	PKPbc	22 44 40.6	-0.8
PAX	Paxson 148.31 42				PKPbc	PKPbc	22 44 40.6	-0.8
PAX	Paxson 148.31 42				P	PKPab	22 44 36.3	0.0
HARP	HAARP baz=275,SNR=215	148.50 43	P	PKPab	PKPab	22 44 36.8	+0.2	
RIDG	Independent R1 148.51 41				IAMs_20	PKPbc	22 44 40.9	+0.6
RIDG	Independent R1 comp=Z,16m,21.0s	148.51 41	P	PKPab	IAMs_20	IAMs_20	23 56 02.4	
RIDG	Independent R1 baz=277,SNR=130	148.51 41	P	PKPab	PKPab	22 44 36.6	-0.1	
CCIG	Comitan 148.62 185				eP	PKPab	22 44 39.0	+0.7
DY2G	Dye2 148.78 325				eP	PKPab	22 44 37.0	-0.2
DY2G	Dye2 comp=Z,7m,5.6s	148.78 325	IAMs_20	IAMs_20	IAMs_20	22 48 13.1		
N25K	Chitina, Valde 148.81 45				P	PKPbc	22 44 41.6	+0.5
N25K	Chitina, Valde 148.81 45				P	PKPab	22 44 36.7	-0.5
RAGM	Ragged Mountai 148.82 47				PKPbc	PKIKP	22 44 42.3	-0.2
RAGM	Ragged Mountai comp=Z,21m,20.0s	148.82 47	IAMs_20	IAMs_20	IAMs_20	00 06 19.3		
BMRM	Bremner River 148.84 46				IAMs_20	PKPbc	22 44 40.9	-0.3
BMRM	Bremner River comp=Z,14m,20.0s	148.84 46	P	PKPab	IAMs_20	IAMs_20	23 57 50.7	
BMRM	Bremner River baz=272,SNR=119	148.84 46	P	PKPab	PKPab	22 44 37.1	-0.1	
SCRK	Sand Creek 148.86 40				IAMs_20	PKPbc	22 44 41.8	+0.5
SCRK	Sand Creek comp=Z,16m,21.0s	148.86 40	IAMs_20	IAMs_20	IAMs_20	23 52 18.5		
SCRK	Sand Creek 148.86 40				P	PKPab	22 44 37.2	0.0
DOT	Dot Lake baz=277,SNR=149	148.87 41	P	PKPab	PKPab	22 44 41.9	-0.5	
SCRK	Sand Creek 148.87 41				P	PKPab	22 44 36.7	-0.7
KAIM	Kayak Island 148.96 48				P	PKPab	22 44 37.4	0.0
J26L	Joseph Creek baz=271,SNR=18	148.97 39	P	PKPab	PKPab	22 44 37.4	0.0	
J26L	Joseph Creek baz=279	148.97 39	P	PKPab	PKPab	00 05 28.8		
HMTL	Hamilton comp=Z,24m,19.0s	149.11 42	IAMs_20	IAMs_20	IAMs_20	22 44 43.8	+0.8	
MNT	Menasta 149.15 314				PKPbc	PKPab	22 44 39.2	+1.6
NRS	Narsarsuaq 149.15 314				PKPbc	PKPbc	22 44 42.0	-1.6
NRS	Narsarsuaq comp=Z,31m,22.0s	149.15 314	IAMs_20	IAMs_20	IAMs_20	00 17 56.3		
NRS	Narsarsuaq 149.15 314				PKPbc	PKPbc	22 44 39.2	+1.6
NRS	Narsarsuaq 149.15 314				PKPbc	PKPbc	22 44 39.2	+1.6
NRS	Narsarsuaq 149.15 314				PKPbc	PKPbc	22 44 39.2	+1.6
TULEG	Thule 149.22 348				eP	PKPab	22 44 37.3	-0.1
TULEG	Thule 149.22 348				IAMs_20	PKPab	23 58 33.1	
L26K	Log Cabin Wild 149.27 42				PKPbc	PKIKP	22 44 43.4	+0.1
L26K	Log Cabin Wild 149.27 42				PKPbc	PKPab	22 44 38.3	+0.5
SUCK	Suckling Hills 149.28 48				IAMs_20	IAMs_20	23 58 31.5	
BERG	Berg Lake 149.31 47				PKPbc	PKIKP	22 44 43.5	0.0
BERG	Berg Lake comp=Z,19m,20.0s	149.31 47	IAMs_20	IAMs_20	IAMs_20	23 58 14.2		

VES	Vestal, Richr	158.39	114	P	PKPdf	22.44	52.2	+0.7	E08A	Dider Farm, El	163.37	85	PKPab	PKPab	22.45	48.3	+0.6
TPFO	Pinon Flats	158.41	123	P	PKPdf	22.44	52.0	+0.2	H62A	Milan	163.41	268	PKPab	PKPab	22.45	49.8	+1.8
PFO	Pinoyon Flats O	158.41	123	PKP	PKPdf	22.44	51.6	-0.2	H62A	Milan	163.41	268	PKPab	PKPab	22.45	49.8	+1.8
PFO	comp=Z,15nm,1.1s,baz=197,slow=0.6,SNR=18				PKPab	22.45	26.8	+0.3	G0GA	Godfrey	163.42	215	PKPab	PKPab	22.44	56.5	-0.5
PFO	comp=Z,7.8nm,1.2s,baz=227,slow=2.3,SNR=11				PKPab	22.44	52.8	+1.5	G0GA	Godfrey	163.42	215	PKPab	PKPab	22.44	56.5	-0.5
PFO	comp=Z,3.8nm,0.8s,baz=234,slow=8.7,SNR=2.5				PKPdf	22.49	08.3	+1.5	G0GA	Godfrey	163.42	215	PKPab	PKPab	22.44	56.5	-0.5
PFO	Pinoyon Flats O	158.41	123	PKPab	PKPdf	22.44	52.1	+0.4	G06A	Millford	163.42	245	P	PKPdf	22.44	54.6	-2.2
PFO	Pinoyon Flats O	158.41	123	PKPab	PKPdf	22.44	52.7	+1.3	V58A	Windy Hill, Pi	163.42	230		PKPdf	22.44	55.9	-1.0
PFO	Pinoyon Flats O	158.41	123	PKPab	PKPdf	22.44	52.4	+0.2	V58A	Windy Hill, Pi	163.42	230		PKPdf	22.44	55.9	-1.0
EDW2	Edwards Air Fo	158.41	118	P	PKPdf	22.44	51.8	+0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
FRB	Frisher Bay	158.44	328	PKP	PKPdf	22.44	49.0	-1.7	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
FRB	comp=Z,1.4nm,0.9s,baz=78,slow=1.6,SNR=2.4				PKPab	22.45	25.3	-0.3	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
FRB	comp=Z,5.3nm,1.0s,baz=43,slow=0.6,SNR=4.9				PKPab	22.49	05.3	-1.0	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
O02D	Mt. Diablo Mer	158.50	100	P	PKPdf	22.44	51.7	+0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
VOG	Valley Oaks Go	158.52	113	P	PKPdf	22.44	51.8	+0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
BBC	Big Bear Solar	158.61	121	P	PKPdf	22.44	52.0	-0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
ISA	Isabella, Lake	158.65	116	PKP2	PKPab	22.45	27.5	+0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
ISA	Isabella, Lake	158.65	116	PKPab	PKPab	22.45	27.5	+0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
ISA	Isabella, Lake	158.65	116	PKPab	PKPdf	22.44	52.2	+0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
WDC	Whiskeytown Da	158.86	99	PKP2	PKPab	22.45	28.4	+0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
WDC	Whiskeytown Da	158.86	99	PKPab	PKPab	22.45	28.4	+0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
LO2E	Cave Junction	158.86	94	P	PKPdf	22.44	52.4	+0.5	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
GLA	Glamis	158.90	127	PKP2	PKPab	22.45	30.7	+2.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
GLA	Glamis	158.90	127	PKPab	PKPab	22.44	52.0	+0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
GLA	Glamis	158.90	127	PKPab	PKPdf	22.44	52.6	+0.3	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
CMB	Columbia Colle	158.92	108	PKP2	PKPab	22.45	28.8	+0.3	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
CMB	Columbia Colle	158.92	108	PKPab	PKPab	22.45	28.8	+0.3	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
CMB	Columbia Colle	158.92	108	PKPab	PKPdf	22.44	52.2	0.0	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
N02D	Trinity Center	158.94	98	P	PKPdf	22.44	52.2	0.0	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
RELX	Belle Mtn, Jos	158.95	123	P	PKPdf	22.44	52.8	+0.3	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
BRCC	Edison Barstow	159.00	119	P	PKPdf	22.44	52.2	-0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
LRMC	Laurel Mtn Rad	159.01	117	P	PKPdf	22.44	53.1	+0.6	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
BC3	Big Chuckawall	159.01	124	P	PKPdf	22.44	52.7	+0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
M02C	Callahan	159.03	97	P	PKPdf	22.44	52.4	+0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
ORV	Oroville	159.03	103	PKP2	PKPab	22.45	28.4	-0.5	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
ORV	Oroville	159.03	103	PKPab	PKPab	22.45	28.4	-0.5	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
K02D	Willamette Mer	159.04	93	P	PKPdf	22.44	52.4	+0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
J01E	Myrtle Point	159.05	92	P	PKPdf	22.44	51.5	-0.6	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
214A	Organ Pipe Nat	159.09	132	P	PKPdf	22.44	52.8	+0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
003E	Paynes Creek	159.21	101	P	PKPdf	22.44	52.4	-0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
113A	Mohawk Valley,	159.25	129	PKPab	PKPdf	22.45	04.9	+1.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
YB8	Yreka Blue Hor	159.28	96	PKP	PKPdf	22.44	52.5	-0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
YB8	comp=Z,2.2nm,1.2s,baz=173,slow=1.6,SNR=8.3				PKPab	22.45	30.4	+0.3	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
YB8	comp=Z,4.2nm,1.2s,baz=173,slow=3.5,SNR=5.5				PKPab	22.49	12.0	+0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
YB8	comp=Z,7.8nm,1.3s,baz=207,slow=4.5,SNR=3.8				PKPab	22.45	31.1	+0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
YB8	Yreka Blue Hor	159.28	96	PKPab	PKPab	22.44	52.8	-0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
YB8	Hector Ludlow	159.35	121	PKPab	PKPdf	22.44	52.8	-0.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
CWC	Cottonwood Cre	159.40	115	P	PKPdf	22.44	53.2	+0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
GSC	Goldstone, Bar	159.41	119	PKP2	PKPab	22.45	06.2	+5.9	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
GSC	Goldstone, Bar	159.41	119	PKPab	PKPab	22.44	52.9	0.0	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
HUMO	Hull Mountain	159.48	94	IAMS_20	IAMS_20	00	05	24.5	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
LMN	Caledonia Moun	159.51	276	PKPab	PKPab	22.45	32.3	+1.5	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
MPMC	Manual Prospect	159.51	116	PKPab	PKPab	22.44	53.5	+0.3	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
MDPB	Devils Postpil	159.52	110	PKPab	PKPab	22.45	32.2	+0.8	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
OZB	Mount Ozzard	159.54	75	PKPab	PKPab	22.44	53.4	+0.9	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
IRIM	Iron Mountain	159.55	124	PKPab	PKPab	22.44	53.9	+0.9	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
EMB	Emerald Bay	159.56	106	PKPab	PKPab	22.44	54.2	+1.0	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
I03D	Drain, OR	159.64	91	P	PKPdf	22.45	32.1	+0.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
RUBR	Rubicon Trail	159.65	106	PKPab	PKPab	22.44	53.7	+0.9	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
RUBR	Rubicon Trail	159.65	106	PKPab	PKPab	22.44	53.7	+0.9	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
MLAC	Mammoth, Mam	159.67	111	P	PKPdf	22.44	54.3	+1.0	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
TIN	Timemaha, Big	159.70	113	P	PKPdf	22.44	53.9	+0.7	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
GMRC	Granite Mounta	159.71	122	P	PKPdf	22.44	54.6	+1.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
CBB	Campbell River	159.75	72	PKPab	PKPab	22.44	53.9	+1.2	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
L04D	Klamath Falls	159.76	95	P	PKPdf	22.44	53.7	+0.5	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
QSM	Queen of Sheba	159.82	117	PKPab	PKPab	22.45	33.5	+1.1	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
MPK	Martin Peak	159.86	105	PKPab	PKPab	22.44	53.4	+0.9	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3
MFK	Martin Peak	159.86	105	PKPab	PKPab	22.45	33.4	+0.5	WSPT	Westport, CT	163.44	236	PKPab	PKPab	22.45	48.4	+0.3

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BLA Blacksburg, FPAL Front Pain, BGU Big Grass Mtn, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like HBAR Harrisburg, MOR Moraine State, OKCFA Oklahoma City, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SIUC Anthony Ne Sta, KAN06 Argonia West S, MGMT Mountain Grove, etc.

TUL 04:22:38:05.6:0.7:36:72N:0.002:98:39W:0.03,h5km,2km, ML2.5,mb,Lq2.43(NEIC) Error ellipse: s-maj=3.3km s-min=0.9km az=113.0 NEIC 04:22:38:05:7.0:0.9:36:72N:0.01:98:37W:0.03,h5km,2km, Error ellipse: s-maj=3.7km s-min=3.0km az=290.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, Modulation, and other technical details. Includes stations like OK032 Salt Plains WL, OK032 Carrier, etc.

4d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BLOK Blackwell, OK029 Liberty Lake, BCOAK Bluff Creek, etc.

IDC 04 22:49:30.7, 1.6, 37.38N, 138.80E, h179km, 8km, mb3.1/5, mb1 3.2/6, mb1mx2.7/75, mbtmp3.7/6, Error ellipse: s-maj=37.8km s-min=12.4km az=53.0

JMA 04 22:49:30.7, 0.3, 37.38N, 139.06E, h180km, 2km, M2.7, ISC 04 22:49:30.3, 0.9, 37.40N, 139.99E, 0.07, h188km, n16, e=227/21, mb3.2/5, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFY Yanaizu, JKT Katsushina, JAG Ashikaga, etc.

SOF 04 23:04:15.5, 41.29N, 24.48E, h10km, MD3.1, ATH 04 23:04:16.2, 41.31N, 24.46E, h13km, 1km, ML3.0/10, Error ellipse: s-maj=1.9km s-min=0.7km az=197.0

THE 04 23:04:16.4, 41.30N, 24.45E, h8km, 1km, ML3.1/8, Error ellipse: s-maj=1.3km s-min=0.6km az=9.0

ISK 04 23:04:19.9, 41.02N, 24.57E, h6km, ML3.2/23, ISC 04 23:04:15.9, 1.2, 41.25N, 24.46E, 0.02, h23km, n10, n97, +1910/120, 18C-13D, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KVLA Kavala, NVR Nevrokopi, RZN Rozhen, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VAY Sultance-Enez, ENIG Palouri, PAIZ Palouri, etc.

IDC 04 23:23:05.0, 1.3, 8.18S, 125.63E, h0km, mb4.0/4, mb1 4.0/7, mb1mx3.6/35, mbtmp3.9/7, ML3.7/3, Error ellipse: s-maj=45.3km s-min=21.0km az=78.0

DJA 04 23:23:10.7, 2.3, 8.5S, 162.12E, h10km, M4.0/7, mb4.2/4, MLV3.9/7

ISC 04 23:23:09.4, 0.9, 8.38S, 125.57E, 0.09, h35km, n15, n10, n75/19, mb4.0/4, Timor region

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

IDC 04 23:24:00.1, 3.1, 32.18S, 178.47W, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.5/31, mbtmp3.8/3, ML3.3/1, Error ellipse: s-maj=72.3km s-min=37.3km az=112.0

NEIC 04 23:24:01.1, 8.32, 36S, 0.08, 173.3W, 0.12, h11km, 9km, mb4.4/1, Error ellipse: s-maj=27.1km s-min=5.7km az=113.0

ISC 04 23:24:03.2, 1.1, 32.34S, 178.3W, 0.02, h33km, n22, n124/24, mb4.2/8, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, OUZ Omahuta, etc.

194

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

TUL 04 23:25:24.6, 1.6, 36.62N, 0.01, 98.05W, 0.02, h6km, 3km, ml2.9, mb, Lq2, 1/1(NEIC), Error ellipse: s-maj=1.9km s-min=1.5km az=85.0

NEIC 04 23:25:45.1, 0.36, 59.5N, 0.01, 98.04W, 0.02, h12km, 4km, Error ellipse: s-maj=2.7km s-min=1.4km az=117.0

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

PRE 04 23:44:00.8, 1.1, 30.74S, 19.90E, h5km, ML3.4, ISC 04 23:44:00.7, 1.9, 30.73S, 19.90E, 0.06, h3km, n16, n26, +198/30, South Africa

CVNA comp=2.2um, 0.4s, AUGR Augrabies, AUGR Augrabies, AUGR Augrabies

PKA Prieska, PKA Prieska, PKA Prieska

ARMU Ukamas, ARMU Ukamas, ARMU Ukamas

ELIM Elim, ELIM Elim, ELIM Elim

BOSA Boshof, BOSA Boshof, ROSN Rosenhof

AUSN Aus, AUSN Aus, AUSN Aus

SWZ Schweizer, SWZ Schweizer, SWZ Schweizer

PRYS Parys, PRYS Parys, PRYS Parys

LBTB Lobatse, LBTB Lobatse, CNG Changanale

MSNA Messina, MSNA Messina, MSNA Messina

MOPA Mopani, MOPA Mopani, MOPA Mopani

BLWY Bulawayo, BLWY Bulawayo, KRI Karoi

ISC 04 23:48:48.1, 1.0, 46.25N, 153.06E, h0km, mb3.9/15, mb1 4.1/16, mb1mx3.9/35, mbtmp3.9/16, ML2.6/1, Error ellipse: s-maj=28.0km s-min=18.4km az=173.0

NEIC 04 23:48:52.1, 4.46, 3N, 0.1, 153.1E, 0.2, h23km, 6km, mb4.3/16, Error ellipse: s-maj=19.5km s-min=13.2km az=148.0

ISC 04 23:48:53.9, 0.8, 46.3N, 153.1E, 0.1, h40km, n47, n1906/41, mb4.1/23, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PEAOB Petropavlovsk, PETK Petropavlovsk, H11N2 Wake Island Hy, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Talalina, White Mountain, Big River Log, etc.

IDC 05 00:07:24.4.4.8.59:84S:26:22W, h45km, 44km, mb4.1/10, mb1.4/3.1, mb1mx3.8/26, mbtmp3.9/5, ML4.0/3, Error ellipse: s-maj=26.4km s-min=18.8km az=34.0

NEIC 05 00:07:32.0.2.1.59:85S:10:26:44W, 4.1, h109km, 6km, mb4.7/43, Error ellipse: s-maj=18.0km s-min=12.0km az=59.0

ISC 05 00:07:30.5.0.5.59:84S:0:09:26:27W, 0.09, h100km, n77, 1533/60, mb4.6/28, 1C-1D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like HOPE, VNA1, VNA3, VNA2, etc.

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

RSNC 05 00:13:56.0.1.0.4:39N:76:33W, h125km, 4W, M3.1, Mw3.6, Fault plane solution: NP1:phi=88.00000, delta=0.00000, lambda=67.00000

IDC 05 00:13:57.3.3.2.4:49N:76:25W, h158km, 2.7km, mb3.3/2, mb1.3.6/2, mb1mx3.1/23, mbtmp3.7/2, Error ellipse: s-maj=65.9km s-min=28.0km az=24.0

ISC 05 00:13:54.5.0.9.4:39N:6:03:36W, 0.04, h133km, 6km, n32, 1199/57, 7C-3D, Colombia region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like YOTC, San Jos del P, PLMC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ZARC, UREC, URESC, etc.

INET 05 00:15:42.3.12:16N:88:01W, h15km, MD3.4, ML4.5, Off coast of central America

IDC 05 00:24:27.4.1.3.17:20S:65:17W, h0km, mb3.7/2, mb1.4/0.5, mb1mx3.8/26, mbtmp3.9/5, ML4.0/3, Error ellipse: s-maj=31.4km s-min=16.3km az=172.0

VAO 05 00:24:33.1.0.4.17:18S:65:17W, h91km, 5km, mb4.0, ISC 05 00:24:27.9.0.7, 17:21S:0:09:65:18W, 0.06, h100km, n35, 1251/37, Central Bolivia

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LPAZ, Vilna, PTMB, etc.

NEIC 05 00:27:32.5.0.8.18:01N:0:05:145:7E, 0.2, h228km, 10km, mb4.0/14, Error ellipse: s-maj=24.8km s-min=5.6km az=80.0

IDC 05 00:27:32.1.7.3.17:98N:145:7E, h232km, 71km, mb3.6/16, mb1.3.7/16, mb1mx3.9/30, mbtmp4.1/16, Error ellipse: s-maj=20.9km s-min=13.0km az=84.0

ISC 05 00:27:33.9.0.6.17:94N:0:08:145:7E, 0.1, h250km, n35, 10578/31, mb3.8/23, Mariana Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GUMO, JMZ, YHNB, etc.

NCC 05:00:29:40.8:1, 37.84N-72.09E, h0km, mb3.6, mpv3.2, 3C-2D, Error ellipse: s-maj=62.7km s-min=40.0km az=163.0, Tajikistan

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
AAK	Ala-Archa	5.13	20	Op	ISC	00 32 00.3	+2.1
KK07	Karatay Array	5.38	347	Op	Pn	00 31 02.8	+1.4
TKM2	Tokmak 2	5.73	27	Op	Pn	00 31 05.7	-0.9
TKM2	Tokmak 2	5.73	27	Op	Pn	00 32 14.9	+1.7
AB31	Akbulak array	14.39	36	P	Pn	00 33 01.3	-3.5

NEIC 05:00:37:32.2:1.5, 58.09N-0.04:155.41W:0.0, h130km, 6km, Error ellipse: s-maj=8.2km s-min=2.3km az=132.0

AEIC 05:00:37:33.1:6.58, 06N:0.04:155.35W:0.0, h124km, 6km, ML3.3, ML3.5, 6.69(NEIC), Error ellipse: s-maj=8.3km s-min=2.3km az=125.0

IDC 05:00:37:33.6:7.9, 58.50N-155.65W, h108km, 7.3km, mb3.0/2, mb1 3.5/5, mb1mx2.9/6.1, mbtmp3.7/5, ML3.9/3, Error ellipse: s-maj=59.8km s-min=36.1km az=23.0

ISC 05:00:37:31.9:0.8, 58.13N-0.04:155.42W:0.0, h125km, 8km, n247, c197/252, Alaska Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
KABU	Katmai Buttes	0.16	27	Op	ISC	00 37 49.0	+0.1
KELA	Mount Kelaz	0.35	331	Pn	Pn	00 38 01.6	-0.6
PLK2	Peulik 2	0.61	233	Pn	Pn	00 37 51.1	+1.4
PLK3	Peulik 3	0.64	226	Pn	Pn	00 37 52.8	+1.7
PLK3	Peulik 3	0.64	226	Pn	Pn	00 37 53.0	+1.7
PLK3	Peulik 3	0.79	261	Pn	Pn	00 38 07.1	+1.1
PLBL	Peulik Blue Cr	0.86	241	Pn	Pn	00 37 54.0	+1.6
Q19K	Cape Douglas,	1.23	48	Pn	Pn	00 37 57.2	+0.6
Q19K	Cape Douglas,	1.23	48	Pn	Pn	00 38 15.9	+0.5
Q19K	Cape Douglas,	1.23	48	Pn	Pn	00 38 19.2	
Q19K	Cape Douglas,	1.23	48	Pn	Pn	00 37 57.3	+0.6
Q19K	Cape Douglas,	1.23	48	Pn	Pn	00 38 16.4	+1.0
P18K	Big Mountain,	1.27	4	Pn	Pn	00 37 56.9	-0.2
P18K	Big Mountain,	1.27	4	Pn	Pn	00 37 57.1	0.0
OHAK	Old Harbor	1.46	128	Pn	Pn	00 37 59.5	+0.3
OHAK	Old Harbor	1.46	128	Pn	Pn	00 38 19.3	-0.6
OHAK	Old Harbor	1.46	128	Pn	Pn	00 38 19.9	
OHAK	Old Harbor	1.46	128	Pn	Pn	00 37 59.5	+0.3
OHAK	Old Harbor	1.46	128	Pn	Pn	00 38 19.6	-0.3
KDAK	Kodiak Island	1.55	102	Pn	Pn	00 38 00.7	+0.5
KDAK	Kodiak Island	1.55	102	Pn	Pn	00 38 21.8	+0.1
KDAK	Kodiak Island	1.55	102	Pn	Pn	00 38 23.2	
AUW	Augustine West	1.60	38	Pn	Pn	00 38 02.1	+1.3
AGU	Augustine-Summ	1.61	39	Pn	Pn	00 38 02.0	+1.0
AUQ	Augustine Qik'	1.61	39	Pn	Pn	00 38 02.2	+1.3
AUL	Augustine Lava	1.62	39	Pn	Pn	00 38 02.1	+1.1
AU22	Augustine Moun	1.64	40	Pn	Pn	00 38 02.3	+1.1
SII	Sitkinan Island	1.71	157	Pn	Pn	00 38 24.9	+1.2
SII	Sitkinan Island	1.71	157	Pn	Pn	00 38 02.0	-0.1
SII	Sitkinan Island	1.71	157	Pn	Pn	00 38 24.2	-0.9
SII	Sitkinan Island	1.71	157	Pn	Pn	00 38 02.1	-0.1
SII	Sitkinan Island	1.71	157	Pn	Pn	00 38 24.5	-0.6
O18K	Koktuh Hills	1.73	3	Pn	Pn	00 38 02.5	+0.2
O18K	Koktuh Hills	1.73	3	Pn	Pn	00 38 02.5	+0.2
ANNE	Aniakchak Nort	1.88	231	Pn	Pn	00 38 03.8	-0.4
P19K	Oil Pt	1.90	36	Pn	Pn	00 38 05.5	+1.1
P19K	Oil Pt	1.90	36	Pn	Pn	00 38 05.5	+1.1
OPT	Oil Point	1.90	36	Pn	Pn	00 38 05.5	+1.2
OPT	Oil Point	1.90	36	Pn	Pn	00 38 05.5	+1.2
ANNW	Aniakchak Nort	1.91	233	Pn	Pn	00 38 05.3	+0.8
AZAC	Aniakchak	1.96	232	Pn	Pn	00 38 05.7	+0.5
ANPF	Aniakchak Plen	2.04	231	Pn	Pn	00 38 06.0	-0.1
O19K	Port Alsworth	2.15	15	Pn	Pn	00 38 07.8	+0.5
O19K	Port Alsworth	2.15	15	Pn	Pn	00 38 08.0	+0.6
ILS	Iliamna Low So	2.20	32	Pn	Pn	00 38 09.0	+0.9
ILSW	Iliamna Southw	2.20	31	Pn	Pn	00 38 08.8	+0.7
IVE	Iliamna Volcan	2.26	32	Pn	Pn	00 38 09.8	+0.9
CHIR	Chirikof Islan	2.32	183	Pn	Pn	00 38 08.9	-0.7
CHIR	Chirikof Islan	2.32	183	Pn	Pn	00 38 36.4	-2.0
CHIR	Chirikof Islan	2.32	183	Pn	Pn	00 38 37.0	
CHIR	Chirikof Islan	2.32	183	Pn	Pn	00 38 09.0	-0.5
CHIR	Chirikof Islan	2.32	183	Pn	Pn	00 38 36.4	-2.0
O20K	Slope Mountain	2.43	35	Pn	Pn	00 38 12.0	+1.0
O20K	Slope Mountain	2.43	35	Pn	Pn	00 38 12.0	+1.0
CHGN	Chignik	2.45	223	Pn	Pn	00 38 11.0	-0.2
CHGN	Chignik	2.45	223	Pn	Pn	00 38 11.0	-0.2
CHGN	Chignik	2.45	223	Pn	Pn	00 38 13.0	+1.4
HOM	Homer	2.49	50	Pn	Pn	00 38 40.4	-1.8
HOM	Homer	2.49	50	Pn	Pn	00 38 40.4	-1.8
HOM	Homer	2.49	50	Pn	Pn	00 38 44.3	
HOM	Homer	2.49	50	Pn	Pn	00 38 13.3	+1.7
CNPM	China Poot	2.58	55	Pn	Pn	00 38 13.8	+0.9
CNPM	China Poot	2.58	55	Pn	Pn	00 38 45.7	
RED	Redoubt Volcan	2.67	29	Pn	Pn	00 38 15.0	+1.0
RSO	Redoubt South	2.71	29	Pn	Pn	00 38 15.4	+0.7
RWB	Redoubt West	2.71	28	Pn	Pn	00 38 15.4	+0.8
N19K	Bonanza Creek	2.73	10	Pn	Pn	00 38 15.6	+0.7
N19K	Bonanza Creek	2.73	10	Pn	Pn	00 38 15.7	+0.7
NCT	North Crescent	2.75	27	Pn	Pn	00 38 15.9	+0.8
VNHG	Veniaminof 1	2.80	228	Pn	Pn	00 38 16.2	+0.5
VNSG	Veniaminof 6	2.84	226	Pn	Pn	00 38 16.3	+0.1
DFR	Drift River	2.84	28	Pn	Pn	00 38 17.4	+1.2
BRLL	Bradley Lake	2.86	53	Pn	Pn	00 38 16.8	+0.3
BRLL	Bradley Lake	2.86	53	Pn	Pn	00 38 53.5	
BRSE	Bradley Lake S	2.91	54	Pn	Pn	00 38 18.1	+0.9
BRSE	Bradley Lake S	2.91	54	Pn	Pn	00 38 18.1	+0.9
SVW2	Sparrevohn	2.98	58	Pn	Pn	00 38 18.3	+0.3
CAPN	Captain Cook N	3.42	38	Pn	Pn	00 38 26.0	+2.3
CAPN	Captain Cook N	3.42	38	Pn	Pn	00 38 26.0	+2.3
SPWE	Spurr West	3.47	23	Pn	Pn	00 38 26.1	+1.6
BGL	Barrier Glacier	3.50	25	Pn	Pn	00 38 26.7	+1.9
SPCN	Chakachata No	3.51	26	Pn	Pn	00 38 26.4	+1.4
SLKM	Skilak Lake	3.57	46	Pn	Pn	00 38 26.8	+0.9
SEW	Seward	3.66	55	Pn	Pn	00 38 28.0	+1.1
SEW	Seward	3.66	55	Pn	Pn	00 38 28.0	+1.1
O22K	Cooper Landing	3.75	49	Pn	Pn	00 38 29.1	+1.0
O22K	Cooper Landing	3.75	49	Pn	Pn	00 38 29.1	+1.0

baz=232	M19K	Big River Lodg	3.82	7	Pn	00 38 30.0	+1.0
baz=188	M19K	Big River Lodg	3.82	7	Pn	00 38 30.0	+1.0
baz=226	SDPT	Sand Point	3.94	227	Pn	00 38 30.7	0.0
baz=44	SDPT	Sand Point	3.94	227	Pn	00 38 30.7	0.0
baz=259	CNBA	Chernabura Isl	4.04	217	Pn	00 38 32.7	+0.7
baz=259	CNBA	Chernabura Isl	4.04	217	Pn	00 39 09.0	
baz=184	L19K	White Mountain	4.08	4	Pn	00 38 33.6	+1.1
baz=184	L19K	White Mountain	4.08	4	Pn	00 38 33.4	+0.9
baz=184	RC01	Rabbit Creek A	4.14	42	Pn	00 38 34.0	+0.8
baz=184	RC01	Rabbit Creek A	4.14	42	Pn	00 39 22.2	
baz=226	RC01	Rabbit Creek A	4.14	42	Pn	00 39 22.3	
baz=226	RC01	Rabbit Creek A	4.14	42	Pn	00 38 34.0	+0.8
baz=190	L20K	Forewell, AK	4.43	9	Pn	00 38 38.7	+1.5
baz=190	L20K	Forewell, AK	4.43	9	Pn	00 38 38.7	+1.5
baz=229	PWL	Port Wells	4.53	50	Pn	00 38 38.6	+0.1
baz=229	PWL	Port Wells	4.53	50	Pn	00 39 29.7	
baz=229	PWL	Port Wells	4.53	50	Pn	00 39 32.7	
baz=229	PMR	Palmer	4.70	40	Pn	00 38 41.7	+1.0
baz=229	PMR	Palmer	4.70	40	Pn	00 39 32.3	
baz=229	PMR	Palmer	4.70	40	Pn	00 39 35.5	
baz=229	TT01	KNK	4.80	357	Pn	00 38 42.9	+0.8
baz=229	TT01	KNK	4.80	357	Pn	00 38 42.5	+0.2
baz=229	KNK	KNK	4.82	44	Pn	00 39 36.5	
baz=229	KNK	KNK	4.82	44	Pn	00 39 39.8	
baz=229	KNK	KNK	4.82	44	Pn	00 38 42.4	0.0
baz=229	TTA	Tatalina	4.83	357	Pn	00 38 43.2	+0.7
baz=229	TTA	Tatalina	4.83	357	Pn	00 39 49.5	
baz=229	TTA	Tatalina	4.83	357	Pn	00 38 43.1	+0.7
baz=229	Q23K	Middleton Isla	4.89	71	Pn	00 38 44.0	+0.7
baz=229	Q23K	Middleton Isla	4.89	71	Pn	00 38 44.0	+0.7
baz=229	GHO	Glory Hole Cre	4.90	39	Pn	00 38 43.5	0.0
baz=229	GHO	Glory Hole Cre	4.90	39	Pn	00 39 39.6	
baz=229	GHO	Glory Hole Cre	4.90	39	Pn	00 39 40.8	
baz=229	MID	Middleton Isla	4.90	71	Pn	00 38 44.0	+0.5
baz=229	PPLA	Purkeypile	5.04	17	Pn	00 38 47.5	+2.0
baz=229	PPLA	Purkeypile	5.04	17	Pn	00 38 47.6	+2.2
baz=229	GLI	Glacier Island	5.05	53	Pn	00 38 45.9	+0.3
baz=229	GLI	Glacier Island	5.05	53	Pn	00 39 41.3	
baz=229	GLI	Glacier Island	5.05	53	Pn	00 39 47.2	
baz=229	GLI	Glacier Island	5.05	53	Pn	00 38 45.7	+0.2
baz=229	SML	Sawmill	5.12	41	Pn	00 38 46.1	-0.4
baz=229	SML	Sawmill	5.12	41	Pn	00 39 46.4	
baz=229	SML	Sawmill	5.12	41	Pn	00 39 49.8	
baz=229	SML	Sawmill	5.12	41	Pn	00 38 46.1	-0.4
baz=229	FID	Port Fidalgo	5.26	56	Pn	00 38 48.2	-0.1
baz=229	K20K	Telida	5.29	7	Pn	00 38 49.6	+1.0
baz=229	K20K	Telida	5.29	7	Pn	00 39 40.4	
baz=229	K20K	Telida	5.29	7	Pn	00 40 00	

FCAR comp=Z,8.3nm,0.9s Iamb_Lg 02 13 20.5
PBMO Poplar Bluff comp=Z,5.4nm,0.7s 6.07 88 Iamb_Lg 02 13 49.7

BEQ 05 02:14:51.7,0.2,43.66N,21.55E,h3km,1km,ML2.8/18
SOF 05 02:14:51.3,43.56N,21.58E,h5km,MD3.0
KRSZO 05 02:14:51.1,0.8,43.63N,21.50E,h7km,2km,ML3.6/10,
Error ellipse: s-maj=2.6km s-min=1.1km az=173.0
PDG 05 02:14:51.6,0.4,43.63N,21.52E,h13km,ML2.8/11,Error
ellipse: s-maj=0.7km s-min=0.8km az=0.0
RHSSO 05 02:14:53.4,0.6,43.62N,21.41E,h9km,2km,ML2.9/13
ISC 05 02:14:51.1,1.1,43.64N,0.02,21.51E,0.01,h3km,9gkm,
n128,069/99/204,28C-28D,Northwestern Balkan

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists various stations like BOVS, BOVA, SELV, ZAGS, etc.

Main table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists stations like VOIR, RIC1, MORH, MGRS, etc.

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists stations like OK034, OK034, OK030, etc.

IDC 05 03:07:08.3,3.9,53.79N,163.83W,h0km,m3.8/7,
mb1 3.9/8,mb1mx3.4/58,mbtmp3.8/8,ML2.7/1,Error
ellipse: s-maj=86.6km s-min=23.2km az=161.0
AEIC 05 03:07:08.1,2.5,41.1N,0.09,163.73W,0.1,h16km,8gkm,
Error ellipse: s-maj=13.6km s-min=7.3km az=155.0
NEIC 05 03:07:11.3,0.8,53.53N,0.09,163.74W,0.1,h31km,19gkm,
ML3.4/7,ML3.5(AEIC),Error ellipse: s-maj=15.0km
s-min=6.9km az=155.0
ISC 05 03:07:10.4,1.1,53.53N,0.1,163.64W,0.07,h29gkm,n63,
0082/53,mb3.8/6,Unimak Island region

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists stations like WESE, BRPK, WESP, ISLZ, etc.

IDC 05 03:21:24.2,13.0,18.93N,145.63E,h259km,136km,
mb3.9/8,mb1 3.5/8,mb1mx2.9/44,mbtmp3.9/8,Error
ellipse: s-maj=65.6km s-min=17.3km az=99.0
ISC 05 03:21:19.9,0.9,18.93N,145.7E,0.3,h214km,n8,
0086/8,mb3.5/8,Mariana Islands

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists stations like H1N2, H1N3, H1N1, etc.

0.7nm,1.0s,baz=211,slow=11,SNR=4.1
MKAR Makanchi Array 20.65 333 P
WRA Warramunga Arr 61.30 138 P

FUNUV 05 03:41:51.8, 11:59N-71:78W, h21km, MW3.5
RSNC 05 03:41:54.4, 0.7, 11:41N-71:83W, h45km, 11km, ML2.6, Mw2.9

ISC 05 03:41:52.6, 1.3, 11:44N-0:04:71.77W, 0.03, h31km, 13km, n25, r165/46, 1C-1D, Near coast of Venezuela

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

IDC 05 03:43:12.3, 1.0, 36:53N-33:53W, h0km, mb3.6/8, mb1.3/9, mb1mx3.6/43, mbtrmp3.6/6, MS3.8/3, Ms1.3/8, ms1mx3.1/48, Error ellipse: s-maj=44.0km s-min=19.8km az=21.0

ISC 05 03:43:13.9, 0.9, 36:55N-0:33:33.5W, h10km, n10, o#66/8, mb3.6/8, MS3.8/3, Azores Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Azores Islands region.

IDC 05 03:48:58.2, 1.2, 14:81S-167:42E, h113km, 17km, mb4.1/12, mb1.4/21, mb1mx4.0/30, mbtrmp4.5/13, Error ellipse: s-maj=64.2km s-min=24.4km az=101.0

NEIC 05 03:49:32.1, 1.4, 9S:0.1, 167:55.0, h120km, 5km, mb4.6/16, Error ellipse: s-maj=22.6km s-min=14.6km az=82.0

NOU 05 03:50:49.5, 14:82S-167:30E, h108km, mb4.8/32, Vanuatu Islands

ISC 05 03:50:52.0, 2.5, 14:87S-0:07:167.37E, h129km, n83, o#15/85, mb4.5/18, 1C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Vanuatu Islands region.

RMQ Roma 20.87 233 P
OUZ Omaha 21.03 166 P
MTSU Mount Surprise 22.34 258 P

URZ Urewera 24.53 285 P
URZ Urewera 24.84 162 P

BKZ Black Stump Fm 25.50 163 P
CMSA Cobar Meteorol 25.85 226 P

STKA Stephens Creek 28.98 230 P
STKA Stephens Creek 28.98 230 P

WRA Warramunga Arr 31.89 256 P
WRA Warramunga Arr 31.89 256 P

AS31 Alice Springs 32.71 249 P
ASAR Alice Springs 32.72 249 P

ASAR Alice Springs 32.72 249 P
ASAR Alice Springs 32.72 249 P

KNRA Kununurra 37.22 264 P
KNRA Kununurra 37.22 264 P

WRKA Warakurna 37.98 248 P
FORT Forrest 39.31 239 P

KAPI Kappang 47.82 277 P
KAPI Kappang 47.82 277 P

VNDA Vanda 62.73 181 P
VNDA Vanda 62.73 181 P

NJ2 Nanjing 65.84 316 P
NJ2 Nanjing 65.84 316 P

XAN Xi'an 73.85 313 P
XAN Xi'an 73.85 313 P

KMI Kuming 74.46 302 P
KMI Kuming 74.46 302 P

CMAR Chiang Mai Arr 75.09 294 P
CMAR Chiang Mai Arr 75.09 294 P

GMAR South Pole Qui 75.19 180 P
HHC Hu-ho-hao-te 75.75 320 P

LZH Lanzhou 78.48 312 P
LZH Lanzhou 78.48 312 P

MAW Mawson 81.79 202 P
MAW Mawson 81.79 202 P

SONM Songoing Array 82.66 324 P
ILAR Eielson Array 86.63 18 P

WMQ Urumqi 92.89 315 P
SNAK Sanak 93.42 183 P

VNAZ Neumayer-Watz 94.08 101 P
MKAR Makanchi Array 97.37 316 P

MKAR Makanchi Array 97.37 316 P
MKAR Makanchi Array 97.37 316 P

ZALV Zalesovo Beam 97.56 324 P
ZALV Zalesovo Beam 97.56 324 P

NRK Norilsk 100.23 339 P
ARCES ARCES Array B 120.41 345 P

BOSA Boshof 123.32 220 P
FINES FINESS Array B 125.89 338 P

DAVOX Davos/Dischmat 143.04 324 P
OSSC Observatorio P 144.90 329 P

BNI Bardonecchia 145.76 335 P
IDC 05 03:52:17.2, 1.8, 18:99S-66:70W, h208km, 35km, mb3.0/2, mb1.3/2, mb1mx3.0/33, mbtrmp3.6/3, Error ellipse: s-maj=64.2km s-min=24.4km az=101.0

ISC 05 03:52:18.7, 1.1, 18:32S-0:06:67.6W, 0:1, h256km, 12km, n16, o#158/23, 3C-1D, Central Bolivia

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Central Bolivia.

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Oklahoma.

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Oklahoma.

OK031 N. Norfolk Rd. 0.29 120 P
OK034 N. Norfolk Rd. 0.29 120 P

OK030 Cody Creek RV 0.30 140 P
OK029 Liberty Lake 0.50 225 P

BLOK Blackwell 0.62 345 P
OK025 Westminster Rd. 0.63 204 P

BCOK Bluff Creek, N. 0.69 224 P
OKCFA Oklahoma City 0.82 206 P

OKCWS OKLAHOMA CITY 0.82 205 P
CROK Carrier 0.85 294 P

T3SA Sooner Cattle 0.86 28 P
KAN13 South Haven SW 0.93 337 P

GC02 Grant County # 0.97 316 P
TUL1 Leonard 1.02 103 P

KAN17 Caldwell West 1.07 326 P
KAN09 Caldwell West 1.09 334 P

OK032 Salt Plains WL 1.16 304 P
KAN01 Argonia South 1.16 332 P

KAN05 Argonia West S 1.29 329 P
KAN16 Harper SW Stat 1.36 322 P

KAN12 Harper NE Stat 1.39 326 P
U32A Winter Ranch, 1.62 279 P

X34A Smith Ranch, M 1.69 203 P
U38A Gavett 2.15 82 P

HHAR Hobbes 2.49 86 P
W39A Magazine 2.80 109 P

Z35A Perchaven, San 2.82 184 P
KSU1 Kansas State U 2.96 6 P

MIAR Mount Ida 3.24 119 P
S39A Bolivar 3.33 62 P

Z38A Mt. Pleasant 3.34 149 P
Z38A 3.34 149 P

U40A Yellville 3.37 85 P
U40A 3.37 85 P

CBKS Cedar Bluff 3.42 322 P
CBKS Cedar Bluff 3.42 322 P

X40A Basin Creek Fa 3.81 115 P
WHAR Wooley Hollow 3.94 101 P

MGMO Mountain Grove 3.95 74 P
FCAR Ozark Folk Cen 3.98 92 P

ABTX Abilene, Hawle 4.14 212 P
R40A Maddies Station 4.35 59 P

P38A Dawn 4.43 37 P
LCAR Lake Charles 4.75 89 P

T42A Van Buren 4.85 78 P
IDC 05 04:17:08.5, 1.5, 6:18N-125:04E, h0km, mb3.5/3, mb1.3/7, mb1mx3.4/32, mbtrmp3.3/3, MS3.1/1, Ms1.3/1, ms1mx2.6/29, Error ellipse: s-maj=38.8km s-min=11.9km az=111.0

MAN 05 04:17:15.5, 6:81N-126:06E, h15km, mb4.9, ML3.8, MS3.8
ISC 05 04:17:16.9, 1.1, 6:63N-0:08:125.8E, 0:1, h100km, n10, o#261/13, mb3.4/3, 3D, Mindanao

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Mindanao.

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Mindanao.

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Mindanao.

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Mindanao.

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Mindanao.

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Mindanao.

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Mindanao.

YOJ	baz=274	0.71 111	eP	Pn	04 40 55.6 +1.6
YOJ	baz=109		eS	Sn	04 41 07.4 +2.7
YOJ	baz=109	0.71 111	P	Pg	04 40 51.8 -0.5
YOJ	baz=109		S	Sg	04 41 01.4 -0.4
NHHD	baz=290	0.73 289	eP	Pb	04 40 53.2 +0.4
NHHD	baz=290		eS	Sb	04 41 03.3 +0.7
YM01	baz=306	0.77 303	eP	Pn	04 40 54.2 -0.6
YM01	baz=306		eS	Sn	04 41 04.9 -1.3
ETL	baz=221	0.82 227	eS	Sg	04 41 05.9 +0.6
YHNB	baz=265	0.83 266	eP	Pb	04 40 54.3 -0.3
YHNB	baz=265		eS	Sb	04 41 04.8 -0.7
TWY	baz=265	0.83 312	eP	Pg	04 40 54.9 +0.4
TWY	baz=265		eS	Sg	04 41 06.2 +0.7
NACB	baz=223	0.83 229	P	Pb	04 40 54.4 -0.2
NSK	baz=265	0.84 267	eP	Pg	04 40 55.1 +0.3
NSK	baz=265		eS	Sb	04 41 05.4 -0.6
NNSB	baz=247	0.87 250	P	Pb	04 40 55.3 -0.1
NNSB	baz=247		eS	Sg	04 41 06.9 +0.1
NNS	baz=248	0.88 251	eP	Pg	04 40 55.9 +0.4
NNS	baz=248		eS	Sb	04 41 06.9 -0.1
ETLH	baz=230	0.89 235	eP	Pn	04 40 56.6 +0.1
ETLH	baz=230		eS	Sn	04 41 08.4 -0.8
TWD	baz=219	0.90 224	eP	Pn	04 40 56.2 -0.2
TWD	baz=219		eS	Sn	04 41 08.4 -0.7
PCYT	baz=353	0.92 348	eP	Pn	04 40 56.9 0.0
PCYT	baz=353		eS	Sn	04 41 11.1 +1.2
NCU	baz=284	1.02 284	eP	Pg	04 40 58.3 0.0
NCU	baz=284		eS	Sn	04 41 13.2 +0.9
FUSS	baz=240	1.06 244	eP	Pg	04 40 59.4 +0.4
FUSS	baz=240		eS	Sn	04 41 13.3 -0.2
WHF	baz=234	1.09 238	eP	Pg	04 40 59.8 +0.2
WHF	baz=234		eS	Sb	04 41 13.6 +0.1
TWT	baz=242	1.11 245	eP	Pg	04 41 00.4 +0.5
TWT	baz=242		eS	Sg	04 41 15.7 +1.2
TDCB	baz=242	1.13 246	eP	Pg	04 41 00.5 +0.2
TDCB	baz=242		eS	Sg	04 41 15.9 +1.0
LIOB	baz=265	1.16 266	eP	Pg	04 41 00.7 0.0
LIOB	baz=265		eS	Sg	04 41 16.1 +0.3
NSST	baz=264	1.17 266	eP	Pg	04 41 00.9 -0.1
NSST	baz=264		eS	Sg	04 41 17.1 +0.8
ESL	baz=216	1.19 221	eP	Pg	04 41 02.0 +0.6
ESL	baz=216		eS	Sg	04 41 18.7 +1.7
CHGB	baz=233	1.21 237	eP	Pg	04 41 02.2 +0.4
CHGB	baz=233		eS	Sg	04 41 18.7 +1.2
WHP	baz=248	1.30 250	eP	Pg	04 41 03.2 -0.2
WHP	baz=248		eS	Sg	04 41 20.4 +0.1
IRIF	baz=239	1.37 106	P	Pn	04 41 01.1 -2.0
WCS	baz=239	1.42 242	eP	Pb	04 41 05.0 +0.5
WCS	baz=239		eS	Sg	04 41 23.8 -0.4
VWDT	baz=224	1.42 227	P	Pg	04 41 05.3 -0.5
VWDT	baz=224		eS	Sb	04 41 22.6 +0.1
HGSD	baz=209	1.46 213	eP	Pg	04 41 06.0 -0.5
HGSD	baz=209		eS	Sg	04 41 25.6 +0.2
SMLT	baz=233	1.51 237	eP	Pb	04 41 06.5 +0.2
SMLT	baz=233		eS	Sb	04 41 25.8 +0.5
SSLB	baz=229	1.53 233	eP	Pb	04 41 06.8 +0.3
SSLB	baz=229		eS	Sb	04 41 26.7 +1.0
TYC	baz=235	1.54 238	eP	Pb	04 41 06.7 +0.1
TYC	baz=235		eS	Sb	04 41 26.5 +0.7
YULB	baz=211	1.60 214	eP	Pb	04 41 07.8 +0.1
YULB	baz=211		eS	Sb	04 41 28.8 +1.0
JKRS	baz=208	1.65 107	P	Pn	04 41 05.3 -1.5
JJU	baz=208	1.73 102	P	Pn	04 41 08.7 +0.7
FULB	baz=208	1.77 211	eP	Pb	04 41 10.6 0.0
FULB	baz=208		eS	Sb	04 41 33.3 +0.7
ALS	baz=225	1.81 228	eP	Pb	04 41 10.7 -0.7
ALS	baz=225		eS	Sb	04 41 34.0 -0.1
CHN5	baz=230	1.85 233	eP	Pb	04 41 11.3 -0.6
CHN5	baz=230		eS	Sb	04 41 34.4 -0.5
CHN4	baz=226	2.06 229	eP	Pb	04 41 14.3 -1.3
CHN4	baz=226		eS	Sb	04 41 40.0 -1.0
TPUB	baz=224	2.07 227	eP	Pb	04 41 14.5 -1.3
TPUB	baz=224		eS	Sb	04 41 40.1 -1.2
LDUT	baz=197	2.17 200	eP	Pb	04 41 16.4 -1.0
LDUT	baz=197		eS	Sb	04 41 43.9 -0.3

NTC	baz=287		eS	Sg	04 41 05.4 +0.8
TIPB	baz=304	0.49 296	eP	Pg	04 40 60.0 +0.4
TIPB	baz=304		eS	Sg	04 41 06.0 +0.1
NDS	baz=253	0.56 257	eP	Pb	04 41 01.7 -0.8
NDS	baz=253		eS	Sg	04 41 08.1 +0.1
NWF	baz=311	0.58 303	eP	Pb	04 41 02.9 -0.1
NWF	baz=311		eS	Sb	04 41 10.4 -1.2
EWUT	baz=228	0.58 238	eP	Pb	04 41 02.7 -0.2
EWUT	baz=228		eS	Sb	04 41 10.9 -0.7
TWE	baz=264	0.59 267	eP	Pb	04 41 02.2 -0.9
TWE	baz=264		eS	Sg	04 41 08.8 -0.2
ENA	baz=229	0.61 238	eP	Pb	04 41 03.5 0.0
ENA	baz=229		eS	Sb	04 41 11.9 -0.7
JYNG	baz=229	0.65 118	P	Pg	04 41 02.1 -0.4
JYNG	baz=229		eS	Sg	04 41 11.6 +0.7
ENTT	baz=257	0.69 261	eS	Sb	04 41 13.5 -1.4
YOJ	baz=110	0.70 115	eP	Pn	04 41 08.2 +1.2
YOJ	baz=110		eS	Sn	04 41 20.5 +2.2
YOJ	baz=110	0.70 115	P	Pg	04 41 03.2 -0.2
YOJ	baz=110		eS	Sg	04 41 12.8 +0.3
TWA	baz=292	0.70 289	eP	Pb	04 41 04.3 -0.7
TWA	baz=292		eS	Sb	04 41 14.1 -1.0
NWLT	baz=271	0.74 272	eP	Pb	04 41 05.1 -0.6
NWLT	baz=271		eS	Sb	04 41 15.3 -1.0
NDT	baz=255	0.74 258	eS	Sg	04 41 13.8 -0.2
NHHD	baz=289	0.75 286	eP	Pb	04 41 05.4 -0.3
NHHD	baz=289		eS	Sb	04 41 15.5 -0.9
YM01	baz=305	0.78 300	eP	Pb	04 41 06.1 -0.3
YM01	baz=305		eS	Sb	04 41 17.0 -0.4
TWY	baz=315	0.83 309	eP	Pb	04 41 07.0 -0.2
TWY	baz=315		eS	Sb	04 41 18.0 -0.8
YHNB	baz=262	0.86 264	eP	Pb	04 41 07.3 -0.4
YHNB	baz=262		eS	Sb	04 41 18.7 -1.0
ETL	baz=219	0.87 227	eP	Pb	04 41 08.2 +0.4
ETL	baz=219		eS	Sb	04 41 20.7 +0.8
NSK	baz=263	0.87 265	eP	Pb	04 41 07.6 -0.4
NSK	baz=263		eS	Sb	04 41 19.1 -1.1
NACB	baz=221	0.88 229	eP	Pg	04 41 06.6 -0.2
NACB	baz=221		eS	Sb	04 41 19.2 -0.9
NACB	baz=221	0.88 229	eS	Pg	04 41 06.3 -0.3
NACB	baz=221		eS	Sb	04 41 19.2 -0.9
TWS1	baz=296	0.88 293	eP	Pb	04 41 07.8 -0.3
TWS1	baz=296		eS	Sb	04 41 19.9 -0.5
NTST	baz=301	0.88 298	eP	Pb	04 41 08.1 0.0
NTST	baz=301		eS	Sb	04 41 19.9 -0.5
NNSB	baz=245	0.91 249	eP	Pg	04 41 07.8 +0.3
NNSB	baz=245		eS	Sb	04 41 20.7 -0.5
NNS	baz=245	0.91 250	eP	Pb	04 41 08.4 -0.3
NNS	baz=245		eS	Sg	04 41 20.3 +0.9
ETLH	baz=228	0.94 234	eP	Pb	04 41 09.0 -0.1
ETLH	baz=228		eS	Sb	04 41 22.1 +0.2
TWD	baz=217	0.94 224	eP	Pb	04 41 09.4 +0.3
TWD	baz=217		eS	Sb	04 41 22.1 +0.1
FUSS	baz=238	1.10 243	eP	Pb	04 41 11.5 -0.4
FUSS	baz=238		eS	Sb	04 41 26.6 -0.2
WHF	baz=233	1.13 238	eP	Pg	04 41 11.6 -0.2
WHF	baz=233		eS	Sg	04 41 25.7 -0.8
TWT	baz=241	1.15 244	eP	Pb	04 41 12.9 +0.1
TWT	baz=241		eS	Sb	04 41 27.7 -0.8
TDCB	baz=241	1.17 245	eP	Pb	04 41 12.8 -0.3
TDCB	baz=241		eS	Sb	04 41 29.2 +0.5
LIOB	baz=263	1.19 265	eP	Pb	04 41 13.1 -0.2
LIOB	baz=263		eS	Sb	04 41 29.1 0.0
NSST	baz=263	1.20 264	eP	Pg	04 41 13.0 0.0
NSST	baz=263		eS	Sb	04 41 29.3 -0.3
SBCB	baz=271	1.21 272	eP	Pb	04 41 13.5 -0.1
SBCB	baz=271		eS	Sb	04 41 30.0 +0.2
ESL	baz=215	1.23 221	eP	Pn	04 41 14.8 +0.5
ESL	baz=215		eS	Sn	04 41 31.9 +0.2
CHGB	baz=232	1.25 237	eP	Pg	04 41 14.1 +0.1
CHGB	baz=232		eS	Sb	04 41 30.6 -0.5
OWD	baz=228	1.31 233	eP	Pn	04 41 15.6 +0.1
OWD	baz=228		eS	Sn	04 41 33.8 +0.1
WHP	baz=246	1.33 249	eP	Pb	04 41 15.7 -0.1
WHP	baz=246		eS	Sg	04 41 32.8 -0.1
IRIF	baz=239	1.36 108	P	Pn	04 41 15.0 -1.0
IRIF	baz=239		eS	Sg	04 41 32.8 -0.8
NMLH	baz=260	1.40 261	eP	Pb	04 41 16.9 0.0
NMLH	baz=260		eS	Sb	04 41 35.4 0.0
WCS	baz=238	1.46 242	eP	Pb	04 41 17.6 -0.2
WCS	baz=238		eS	Sn	04 41 37.2 +0.1
VWDT	baz=223	1.46 227	eP	Pg	04 41 18.1 -0.1
VWDT	baz=223		eS	Sn	04 41 37.5 +0.2
HGSD	baz=208	1.50 213	eP	Pn	04 41 17.7 -0.3
HGSD	baz=208		eS	Sg	04 41 38.9 +0.7
HATJ	baz=208	1.53 117	eS	Pn	04 41 38.2 -0.6
EHY	baz=211	1.54 216	eP	Pb	04 41 19.3 0.0
EHY	baz=211		eS	Sg	04 41 39.4 -0.1

SMLT	baz=232	1.56 236	eP	Pb	04 41 19.4 -0.3
SMLT	baz=232		eS	Sb	04 41 39.7 -0.1
SSLB	baz=228	1.57 232	eP	Pb	04 41 19.6 -0.3
SSLB	baz=228		eS	Sg	04 41 40.4 -0.2
TYC	baz=234	1.58 238	eP	Pn	04 41 19.4 +0.3
TYC	baz=234		eS	Sn	04 41 39.9 -0.2
JKRS	baz=234	1.63 108	P	Pn	04 41 19.9 +0.1
JKRS	baz=234	1.65 215	eP	Pb	04 41 21.1 0.0
YULB	baz=210		eS	Sg	04 41 42.6 -0.4
JJU	baz=210	1.71 103	P	Pn	04 41 20.8 -0.1
ALS	baz=224	1.85 228	eP	Pn	04 41 23.7 +0.6
ALS	baz=224		eS	Sn	04 41 47.3 -0.1
CHN4	baz=225	2.10 229	eP	Pn	04 41 27.3 +1.0
CHN4	baz=225		eS	Sn	04 41 53.6 +0.5
TPUB	baz=224	2.12 227	eP	Pn	04 41 27.4 +0.9
TPUB	baz=224		eS	Sn	04 41 53.9 +0.5
WTP	baz=223	2.16 226	eP	Pn	04 41 28.0 +0.8
WTP	baz=223		eS	Sn	04 41 55.0 +0.4

TAP 05 04:58:57.0,24:12N,122:86E,h18km,ML2.8,D
 JMA 05 04:58:57.4,0.1,24:12N,122:85E,h20km,ML2.7,C
 ISC 05 04:58:56.8,1.0,24:08N,122:86E,0.02,h16km,8km,

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	Res
Code	Station Name	Δ° AZ°	Op	ISC	h m s	ISC
YOJ	Yonaguni jima	0.40 20	eP	Pg	04 59 04.8	-0.2
YOJ	baz=16		S	Sg	04 59 10.4	-0.2
YOJ	Yonaguni jima	0.40 20	P	Pg	04 59 05.1	+0.1
YOJ	baz=16		S	Sg	04 59 10.4	-0.2
IRIF	Iriomote-Funau	0.83 72	P	Pb	04 59 12.8	-0.1
IRIF	baz=239		S	Sg	04 59 24.8	+0.7
HATJ	Hateruma jima	0.87 91	P	Pb	04 59 13.7	+0.3
HATJ	baz=239		eS	Sb	04 59 25.1	+0.3
EWUT	Wuta	1.05 290	eP	Pb	04 59 15.4	-1.1
EWUT	baz=288		S	Sg	04 59 31.5	+0.6
TWC	Suao					

PEAOB	Petropavlovsk-	5.16	30	Pn	Pn	05 57 44.2 +1.9
PETK	Petropavlovsk-	5.16	30	Pn	Pn	05 57 43.5 +1.2
PETK	Petropavlovsk-	5.16	30	Pn	Pn	05 57 44.1 +1.7
KUR	Kuril'sk	5.16	229	eP	Pn	05 57 45.0 +2.5
KUR				eS	Sn	05 58 43.4 +2.0
KUR	comp=Z,52nm,0.4s				pmax	pmax
KUR	comp=N,33nm,0.2s				pmax	pmax
KUR	comp=E,33nm,0.2s				pmax	pmax
KUR	comp=N,97nm,0.3s				smax	smax
KUR	comp=E,45nm,0.3s				smax	smax
KUR	comp=N,45nm,0.3s	5.16	229	eP	Pn	05 57 42.0 -0.5
KUR	comp=E,3um,4.0s			AMB	AMB	05 57 43.5
KUR				eS	Sn	05 58 40.1 -1.3
KUR				A	A	05 58 47.0
KUR	comp=E,7um,4.0s				A	05 58 47.0
PET	Petropavlovsk	5.43	36	eP	Pn	05 57 45.7 -0.3
PET				eS	Sn	05 58 47.4 -0.3
PET	comp=Z,43nm,0.9s				pmax	pmax
PET	comp=E,105nm,0.8s				smax	smax
PET	comp=N,124nm,0.9s				smax	smax
PET	Petropavlovsk	5.43	36	eP	Pn	05 57 46.2 +0.2
PET				AMB	AMB	05 57 43.5
PET	Petropavlovsk	5.43	36	eP	Pn	05 57 47.3 +1.3
PET				AMB	AMB	05 57 47.8
PET	comp=N,40nm,0.5s				eS	Sn
PET					A	05 58 47.3 -0.4
PET	comp=N,120nm,0.9s				A	05 58 50.6
PET					A	05 58 50.6
PET	comp=N,100nm,0.9s				A	05 58 50.6
PET	DALK	5.43	36	Pn	Pn	05 57 46.7 +0.7
DALK	Dalny	5.47	36	Pn	Pn	05 57 46.6 0.0
DALK				S	Sn	05 58 46.9 -1.9
DALK	Dalny	5.47	36	eP	Pn	05 57 46.6 0.0
DALK				eS	Sn	05 58 46.9 -1.9
KOK	Koryaka	5.63	34	Pn	Pn	05 57 51.3 +2.5
KOK	Koryaka	5.63	34	Pn	Pn	05 57 51.4 +2.5
KOK	Koryaka	5.63	34	eP	Pn	05 57 51.3 +2.5
UGLR	Uglovaya	5.64	35	Pn	Pn	05 57 48.8 -0.1
UGLR	Uglovaya	5.64	35	eP	Pn	05 57 48.8 -0.1
UGLR	Avacha	5.65	34	Pn	Pn	05 57 51.5 +2.5
UGLR	Avacha	5.65	34	eP	Pn	05 57 51.5 +2.5
SMAR	Somma	5.67	35	Pn	Pn	05 57 51.4 +2.0
SMAR	Somma	5.67	35	eP	Pn	05 57 51.4 +2.0
KRER	Koryakskii	5.68	34	Pn	Pn	05 57 51.9 +2.3
KRER	Koryakskii	5.68	34	eP	Pn	05 57 51.9 +2.3
SDLR	Sedlovina	5.71	35	Pn	Pn	05 57 50.1 +0.2
SDLR	Sedlovina	5.71	35	eP	Pn	05 57 50.1 +0.2
Ganly	Ganly	5.73	28	Pn	Pn	05 57 51.2 +1.2
GNL	Ganly	5.73	28	eP	Pn	05 57 51.2 +1.2
SPN	Mys Shipunski	6.05	41	Pn	Pn	05 57 52.6 -1.6
SPN	Mys Shipunski	6.05	41	eP	Pn	05 57 52.6 -1.6
SPN				eS	Sn	05 58 05.0 -7.5
SPN				AMB	AMB	05 58 06.4 -0.9
YUK	Yuzh-Kuril'sk	7.02	231	eP	Pn	05 58 08.2
YUK				AMB	AMB	05 58 08.2
YUK	comp=N,90nm,0.3s				eS	Sn
YUK					A	05 59 21.9 -4.0
YUK	comp=N,210nm,0.4s				A	05 59 28.0
YUK	comp=N,230nm,0.4s				A	05 59 28.0
GRPR	Tuman	7.10	231	eP	Pn	05 58 07.3 -1.0
GRPR				eS	Sn	05 59 26.4 -1.3
GRPR	comp=E,50nm,0.1s				pmax	pmax
GRPR	comp=N,79nm,0.1s				pmax	pmax
GRPR	Tuman	7.10	231	eP	Pn	05 58 07.3 -1.0
GRPR				AMB	AMB	05 58 10.0
GRPR	comp=Z,80nm,0.3s				eS	Sn
GRPR	Tymovskoe	7.29	291	eP	Pn	05 59 24.4 -3.3
GRPR				AMB	AMB	05 58 09.7 -1.1
GRPR	comp=Z,90nm,0.9s				eS	Sn
GRPR	Misakicho	7.29	234	eP	Pn	05 59 29.5 -2.6
GRPR				eS	Sn	05 58 10.7 -0.2
GRPR				S	Sn	05 59 38.8 +1.3
GRPR	Yuzh-Sakhalins	7.39	260	eP	Pn	05 58 12.8 +0.6
GRPR	Yuzh-Sakhalins	7.39	260	eP	Pn	05 58 12.2 0.0
GRPR	comp=Z,6.0nm,0.4s				eS	Sn
GRPR	Nemuro-Hokkai	7.57	228	eP	Pn	05 58 10.7 -3.9
GRPR	Nemuro-Hokkai	7.57	228	eP	Pn	05 58 11.0 -3.6
GRPR	Tumrok	7.76	30	Pn	Pn	05 58 18.8 +1.6
GRPR	Tumrok D	7.79	31	eP	Pn	05 58 18.8 +1.4
GRPR	Akkeshi	8.27	229	eP	Pn	05 58 21.2 -2.7
GRPR	Kamikawa-asahi	8.78	242	eP	Pn	05 58 32.8 +2.0
GRPR	Asahi	8.78	242	eP	Pn	05 58 31.9 +1.2
GRPR	comp=Z,1.6nm,0.3s,baz=76,slow=14				eS	Sn
GRPR	Ermo	9.85	231	eP	Pn	05 58 42.9 -2.1
GRPR	ERM	9.85	231	eP	Pn	05 58 43.7 -1.3
GRPR	KLR	14.23	280	eP	Pn	05 59 48.2 +3.6
GRPR	KLR	14.23	280	eP	Pn	05 59 48.2 +3.6
GRPR	KLR	14.23	280	eP	Pn	05 59 44.8 +0.2
GRPR	SEY	14.25	358	eP	Pn	05 59 42.6 +0.8
GRPR	comp=Z,0.5nm,0.3s,baz=161,slow=23,SNR=3.4				eS	Sn
GRPR	MJAR	16.50	228	eP	Pn	06 00 08.5 -1.3
GRPR	MJAR	16.50	228	eP	Pn	06 00 08.5 -1.3
GRPR	MJAR	16.50	228	eP	Pn	06 00 08.5 -1.3
GRPR	comp=Z,2.8nm,1.9s				eS	Sn
GRPR	Matsuhiro	16.50	228	eP	Pn	06 00 08.3 -1.5
GRPR	MAT	16.50	228	eP	Pn	06 00 11.7 -1.1
GRPR	MDJ	16.84	265	eP	Pn	06 00 12.6 -0.8
GRPR	MDJ	16.84	265	eP	Pn	06 00 12.6 -0.8
GRPR	comp=Z,9.0nm,0.9s				pmax	pmax
GRPR	comp=Z,680nm,4.6s				pmax	pmax
GRPR	YAK	18.80	324	eP	Pn	06 00 35.0 +0.3
GRPR	YAK	18.80	324	eP	Pn	06 00 37.1 +0.2
GRPR	YAK	18.80	324	eP	Pn	06 04 02.1 +1.7
GRPR	comp=Z,26nm,1.0s				pmax	pmax
GRPR	YAK	18.80	324	eP	Pn	06 00 35.0 +0.3
GRPR	comp=N,6.0nm,1.4s				pmax	pmax
GRPR	YAK	18.80	324	eP	Pn	06 00 35.0 +0.3
GRPR	comp=E,12nm,1.1s				smax	smax
GRPR	YAK	18.80	324	eP	Pn	06 00 35.0 +0.3
GRPR	comp=E,597nm,5.8s				smax	smax
GRPR	YAK	18.80	324	eP	Pn	06 00 35.0 +0.6
GRPR	BILL	20.42	14	eP	P	06 00 52.1 0.0
GRPR	BILL	20.42	14	eP	P	06 01 21.1 +3.0
GRPR	BILL	20.42	14	eP	P	06 04 28.4 -3.9
GRPR	comp=Z,12nm,0.8s				pmax	pmax
GRPR	BILL	20.42	14	eP	P	06 00 52.1 0.0
GRPR	BILL	20.42	14	eP	P	06 00 52.6 +0.5
GRPR	KSRs	21.66	248	eP	P	06 01 04.9 -0.6
GRPR	comp=Z,1.0nm,0.5s,baz=48,slow=12,SNR=2.3				eS	Sn
GRPR	TIXI	25.64	342	eP	P	06 01 41.4 -0.8
GRPR	TIXI	25.64	342	eP	P	06 01 41.4 -0.8
GRPR	TIXI	25.64	342	eP	P	06 01 41.4 -0.8
GRPR	comp=Z,4.0nm,1.1s				pmax	pmax
GRPR	ANM	27.00	39	P	P	06 01 55.8 +1.2
GRPR	ANM	27.00	39	P	P	06 01 55.8 +1.2
GRPR	ANM	27.00	39	P	P	06 02 03.7 +2.1
GRPR	ANM	27.00	39	P	P	06 01 55.8 +1.2
GRPR	BJI	27.76	266	eP	P	06 02 03.7 +2.1
GRPR	comp=Z,6.0nm,0.6s				pmax	pmax
GRPR	HHC	30.41	271	eP	P	06 02 25.4 +0.2
GRPR	HHC	30.41	271	eP	P	06 02 25.4 +0.2
GRPR	HHC	30.41	271	eP	P	06 02 25.4 +0.2
GRPR	comp=Z,11nm,0.8s				pmax	pmax
GRPR	HHC	30.41	271	eP	P	06 02 25.4 +0.2
GRPR	ULN	30.49	286	eP	P	06 02 25.8 -0.1
GRPR	ULN	30.49	286	eP	P	06 02 25.8 -0.1

NJ2	Nanjing	30.82	250	eP	P	06 02 28.6 -0.1
NJ2				pmax	pmax	
TTA	Talina	30.82	44	P	P	06 02 29.2 +0.6
TTA				pmax	pmax	
TTA	Talina	30.82	44	P	P	06 02 29.1 +0.6
TTA				P	P	06 02 29.1 +0.6
H1N2	WAKE ISLAND Hy	30.90	155	T	T	06 04 30.2
H1N1	WAKE ISLAND Hy	30.92	155	T	T	06 04 37.4
SONM	Songino Array	30.92	286	P	P	06 02 29.2 -0.4
SONM				PcP	PcP	06 05 21.9 -0.4
SONM	Songino Array	30.92	286	P	P	06 02 29.2 -0.4
SONM				pmax	pmax	
H1N3	WAKE ISLAND Hy	30.92	155	T	T	06 04 43.5
O18K	Koktuh Hill	31.18	50	P	P	06 02 32.4 +0.8
P18K	Big Mountain	31.19	51	P	P	06 02 32.2 +0.4
L19K	White Mountain	31.33	45	P	P	06 02 33.5 +0.6
L19K				IAMB	IAMB	06 02 34.5
N19K	Bonanza Creek	31.51	48	P	P	06 02 35.4 +0.8
N19K				IAMB	IAMB	06 02 36.2
N19K	Bonanza Creek	31.51	48	P	P	06 02 35.6 +1.0
M19K	Big River Lodg	31.54	46	P	P	06 02 35.6 +0.8
K20K	Telid	31.73	43	P	P	06 02 37.2 +0.8
J20K	Nowinta River	31.74	41	P	P	06 02 37.2 +0.8
L20K	Farewell, AK	31.79	45	P	P	06 02 36.0 -1.0
H11S1	WAKE ISLAND Hy	32.01	156	T	T	06 35 58.6
H11S3	WAKE ISLAND Hy	32.02	156	T	T	06 36 08.4
H11S2	WAKE ISLAND Hy	32.03	156	T	T	06 36 09.2
IMAR	Indian Mountain	32.06	38	P	P	06 02 39.6 +0.4
A21K	Mount Spurr	32.15	28	P	P	06 02 40.5 +0.6
H21K	Melozitna Rive	32.42	39	P	P	06 02 43.1 +0.7
PPLA	Purkeypile	32.57	44	P	P	06 02 44.9 +1.0
PPLA	Mount Spurr	32.57	44	P	P	06 02 45.0 +1.1
CAST	Castle Rocks	32.62	43	P	P	06 02 44.9 +0.7
CAST	Castle Rocks	32.62	43	P	P	06 02 45.2 +1.0
SPU	Mount Spurr	32.68	47	P	P	06 02 46.0 +1.2

IDC 05 06:44:52.8z, 2.5, 21.98N, 144.48E, h0km, mb4.0/36, mb1.4/6, mb1mx3.5/46, mbtmp3.9/6, ML3.1/1, Error ellipse: s-maj=121.4km s-min=23.2km az=84.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 05 06:51:34.9z, 0.5, 4.17S, 106.90E, h643km, mb4.0/36, mb1.4/0.39, mb1mx3.9/50, mbtmp5.0/39, Error ellipse: s-maj=8.4km s-min=6.7km az=61.0

DJA 05 06:51:34.7z, 0.1, 4.17S, 107.7E, h637km, 2km, M4.4/60, mb4.7/60, mb5.0/28, MLV4.9/32, Mw(m)B4.3/28

KLM 05 06:51:35.4z, 2.0S, 106.89E, h648km, mb5.0

NEIC 05 06:51:35.5z, 1.8, 4.24S, 109.106E, 87E, 0.10, h640km, mb4.9/47, Error ellipse: s-maj=15.1km s-min=12.0km az=60.0

IDC 05 06:51:34.7z, 0.5, 4.26S, 106.84E, 0.05, h645km, 4km, 0.36, 0.1917/355, mb4.8/81, 17C-48D, Fault plane solution: NP1: 0.1, 35696, 847.34845, 127.22000

Principal axes: T Plg45.8053, Azm216.9316, N Plg40.8467, Azm64.1520, P Plg19.9579, Azm321.7427, Fault plane solution: NP1: 0.1, 34.17479, 879.52319, -93.18053

Principal axes: T Plg34.4487, Azm226.9017, N Plg3.1275, Azm134.7537, P Plg55.3687, Azm40.2162, Southern Sumatra

Main table for the first column containing station data for various locations like TNG, BLSI, SBJI, etc.

Main table for the second column containing station data for various locations like DLV, GTOI, BATI, etc.

Main table for the third column containing station data for various locations like GUMO, QLP, TIV, etc.

5d 7h

Table of astronomical observations for 5d 7h, listing station names, coordinates, and observation details.

2015 DEC

Table of astronomical observations for 2015 DEC, listing station names, coordinates, and observation details.

208

Table of astronomical observations for 208, listing station names, coordinates, and observation details.

5d 10h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PDGK, KTMS, SHLS, SATY, KOTS, BTLS, AAA, MDOK, TNSN, SEM, MTBS, IZV, KURBB, DGS, KST, ZSN, TKM2, USP, EOCIM, OTUK, KDJ, ULHL, AAK, BRZS, EKSZ, UCH, MRKS, MKRS, and UKR.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Time, Res, and other parameters. Includes stations like UKR, DGZ, KK07, CHBI, AKAR, CUR, ULGR, BVBS, CRUV, TRN, GRFF, GRGR, GRHS, GCMP, TOSP, PCRV, PRGV, BIRV, BIRV, BENV, BAUV, WRA, ASAR, STKA, MKAR, NNC, KURBB, BVA4, MK31, IDC, SJA, GUC, VAO, NEIC, NEIC, IDC, and stations in Chile like PB04, PB05, PB06, PB07, PB08, PB09, PB10, PB11, PB12, AP01, AP02, HJA, GO03, AZAP, AC04, AHML, LCO, VCA, CO03, VA03, MT02, SIV, SIV, MT09, NNA, CPUP, CPUP, PTLB, PTLB, H03N1, H03N2, H03N3, ETMB, ETMB, VILB, VILB, AQDB, AQDB, IT0B, IT0B, CZSB, CZSB, SAMU, SAMU, PP1B, TRCB, TRCB, PTGB, PDRB, CPBS, TRQA, TRQA, ITAB, ITAB.

210

Table with columns: Station Name, Azimuth, Elevation, Frequency, Time, Res, and other parameters. Includes stations like PB10, PB10, PB15, PB09, PB09, PB09, PB09, LVC, LVC, LVC, LVC, LVC, PB01, PB01, PB01, PB01, PB01, PB14, PB14, PB14, PB14, TA02, TA02, TA02, PB08, PB08, PB08, PB08, PB11, PB11, PB11, PB11, PSCG, PSCG, PSCG, PSCG, PSCG, PSCG, PB12, PB12, PB12, AP01, AP01, AP01, PB16, AC02, AC02, AC02, HJA, GO03, GO03, GO03, AZAP, AZAP, AC04, AL04, AHML, AHML, LCO, VCA, CO03, VA03, MT02, SIV, SIV, SIV, MT09, NNA, CPUP, CPUP, PTLB, PTLB, H03N1, H03N2, H03N3, ETMB, ETMB, VILB, VILB, AQDB, AQDB, IT0B, IT0B, CZSB, CZSB, SAMU, SAMU, PP1B, TRCB, TRCB, PTGB, PDRB, CPBS, TRQA, TRQA, ITAB, ITAB.

5d 11h

2015 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IAML, and various station details. Includes stations like IGLO, SHRO, TKDS, GRMI, SAKB, KBRB, SHMA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IAML, and various station details. Includes stations like ASAR, WRA, CMAR, etc. and a large section for the Unimak Island region.

Table with columns: RND, Code, Station Name, Az, Phase ID, Time, Res, IAML, and various station details. Includes stations like BWN, TRF, KTH, etc.

IDC 05 11:39:48.3;10.0,22:52S;177°26W,h0km,mb3/6,3, mb1 3.9/5,mb1mx3.3/4,mbmt3.6/3,Error ellipse: s-maj=341.8km s-min=97.6km az=140.0,South of Fiji Islands

IDC 05 11:47:09.7;1.7,63.78N;149°59W,h0km,mb3.5/3, mb1 3.8/5,mb1mx3.2/64,mbmt3.5/5,ML3.2/2,Error ellipse: s-maj=16.9km s-min=16.1km az=95.0

IDC 05 11:47:10.2;2.0,63.71N;0°01'149.39W;0.03,h3km,6km, Error ellipse: s-maj=2.1km s-min=1.9km az=172.0

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Pearl Lake, Borovoye, Summit, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Cerro Coronel, Cuesta del Vie, San Esteban, etc.

Code Station Name Δ° AZU Phase ID Time Res
CO06 Fray Jorge 0.16 280 I/P Pn 14 55 11.7 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAF Jabal al Asfar, KBZ Khabab, KVAR Kislovodsk Arr, etc.

IDC 05 16:01:28.24.5, 17:98Sx178.60W, h564km, mb3.0/4, mb1 3.1/6, mb1mx2.9/23, mbtmp3.9/6, Error ellipse: s-maj=40.4km, s-min=35.5km, az=79.0

ISC 05 16:01:26.9.1, 17:98S, 0.3, 178.3W, 0.3, h550km, n7, s=1367.7, mb3.6/3, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSFV Nonsavu, DZM Ureweira, STKA Stephens Creek, etc.

IDC 05 16:23:05.3.1.2, 17:9N, 127.33E, h0km, mb3.8/6, mb1 3.9/7, mb1mx2.6/35, mbtmp3.9/7, ML3.7/1, Error ellipse: s-maj=110.8km, s-min=16.7km, az=71.0

DJA 05 16:23:07.9.1, 0.2, N30x109.12E, h23km, 12km, M3.6/8, MLV3.6/8

ISC 05 16:23:05.6.0.9, 1.80N, 0.0x127.3E, 0.1, h100km, n11, az=230/13, mb3.8/6, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TINTI Ternate, LBMI Labuha, SGSI Sangihe, etc.

IDC 05 16:28:33.1.2.1, 17.1N, 126.40E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.1/37, mbtmp3.4/4, MS3.4/1, Ms1 3.3/1, ms1mx2.3/20, Error ellipse: s-maj=120.3km

s-min=26.6km, az=69.0, 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, ASAR Alice Springs, etc.

NEIC 05 17:14:55.0.1.8, 26.65S, 0.05:177.3W, 0.1, h97km, 4km, mb4.9/55, Error ellipse: s-maj=13.6km, s-min=7.4km, az=84.0

IDC 05 17:15:00.2.1.5, 26.78S, 177.52W, h136km, 14km, mb4.0/18, mb1 4.1/21, mb1mx4.1/38, mbtmp4.2/1, MS1.7/1, Ms1 3.7/1, ms1mx2.8/25, Error ellipse: s-maj=16.6km

s-min=14.7km, az=0.0

ISC 05 17:14:55.6.0.4, 26.57S, 0.06:177.40W, 0.07, h100km, n136, s=127/122, mb4.7/47, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, MSFV Nonsavu, MSFV Nonsavu, etc.

IDC 05 17:15:00.2.1.5, 26.78S, 177.52W, h136km, 14km, mb4.0/18, mb1 4.1/21, mb1mx4.1/38, mbtmp4.2/1, MS1.7/1, Ms1 3.7/1, ms1mx2.8/25, Error ellipse: s-maj=16.6km

s-min=14.7km, az=0.0

ISC 05 17:14:55.6.0.4, 26.57S, 0.06:177.40W, 0.07, h100km, n136, s=127/122, mb4.7/47, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SJIJ Sorong, SOEI Soe, MORW Morawa, etc.

IDC 05 17:20:49.0.0.7, 16:88S, 175:00E, h0km, mb4.2/14, mb1 4.4/16, mb1mx4.3/40, mbtmp4.3/16, ML4.9/1, MS3.8/16, Ms1 3.8/16, ms1mx3.7/29, Error ellipse: s-maj=23.9km

s-min=15.0km, az=157.0

NEIC 05 17:20:54.0.2.0, 16:80S, 0.10:175.23E, 0.05, h30km, 3km, mb4.7/20, Error ellipse: s-maj=14.4km, s-min=6.2km, az=194.0

ISC 05 17:20:54.8.0.5, 16:83S, 0.08:175.06E, 0.06, h35km, n70, s=142/68, mb4.5/22, MS3.9/15, Fiji Islands region

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

IDC 05 17:20:49.0.0.7, 16:88S, 175:00E, h0km, mb4.2/14, mb1 4.4/16, mb1mx4.3/40, mbtmp4.3/16, ML4.9/1, MS3.8/16, Ms1 3.8/16, ms1mx3.7/29, Error ellipse: s-maj=23.9km

s-min=15.0km, az=157.0

NEIC 05 17:20:54.0.2.0, 16:80S, 0.10:175.23E, 0.05, h30km, 3km, mb4.7/20, Error ellipse: s-maj=14.4km, s-min=6.2km, az=194.0

ISC 05 17:20:54.8.0.5, 16:83S, 0.08:175.06E, 0.06, h35km, n70, s=142/68, mb4.5/22, MS3.9/15, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H03S1 Juan Fernandez, H03S3 Juan Fernandez, PEAB Petropavlovsk, etc.

IDC 05 17:20:49.0.0.7, 16:88S, 175:00E, h0km, mb4.2/14, mb1 4.4/16, mb1mx4.3/40, mbtmp4.3/16, ML4.9/1, MS3.8/16, Ms1 3.8/16, ms1mx3.7/29, Error ellipse: s-maj=23.9km

s-min=15.0km, az=157.0

NEIC 05 17:20:54.0.2.0, 16:80S, 0.10:175.23E, 0.05, h30km, 3km, mb4.7/20, Error ellipse: s-maj=14.4km, s-min=6.2km, az=194.0

ISC 05 17:20:54.8.0.5, 16:83S, 0.08:175.06E, 0.06, h35km, n70, s=142/68, mb4.5/22, MS3.9/15, Fiji Islands region

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

IDC 05 17:20:49.0.0.7, 16:88S, 175:00E, h0km, mb4.2/14, mb1 4.4/16, mb1mx4.3/40, mbtmp4.3/16, ML4.9/1, MS3.8/16, Ms1 3.8/16, ms1mx3.7/29, Error ellipse: s-maj=23.9km

s-min=15.0km, az=157.0

NEIC 05 17:20:54.0.2.0, 16:80S, 0.10:175.23E, 0.05, h30km, 3km, mb4.7/20, Error ellipse: s-maj=14.4km, s-min=6.2km, az=194.0

ISC 05 17:20:54.8.0.5, 16:83S, 0.08:175.06E, 0.06, h35km, n70, s=142/68, mb4.5/22, MS3.9/15, Fiji Islands region

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

IDC 05 17:20:49.0.0.7, 16:88S, 175:00E, h0km, mb4.2/14, mb1 4.4/16, mb1mx4.3/40, mbtmp4.3/16, ML4.9/1, MS3.8/16, Ms1 3.8/16, ms1mx3.7/29, Error ellipse: s-maj=23.9km

s-min=15.0km, az=157.0

NEIC 05 17:20:54.0.2.0, 16:80S, 0.10:175.23E, 0.05, h30km, 3km, mb4.7/20, Error ellipse: s-maj=14.4km, s-min=6.2km, az=194.0

ISC 05 17:20:54.8.0.5, 16:83S, 0.08:175.06E, 0.06, h35km, n70, s=142/68, mb4.5/22, MS3.9/15, Fiji Islands region

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

5d 19h

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

IDC 05 19:06:42.5e 1.1, 44.10km, 105.70W, h0km, mb1 3.6/5, mb1mx3.4/46, mbtmp3.5/5, ML3.0/4, Error ellipse: s-maj=25.8km s-min=8.9km az=148.0, NEIC 05 19:06:42.1e 1.0, 43.79N, 105.05W, h0km, mb1, ML3.2/52, Error ellipse: s-maj=9.4km s-min=5.3km az=167.0

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, K22A Casper, K22A Casper, etc.

2015 DEC

comp=E,0.2nm,0.3s,baz=56,slow=14,SNR=1.8 TXAR Lajitas Array 14.50 174 Pn P 19 10 14.8 -0.2

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AP5I Ampanga, MRSI Marisa, GTOI Gorontalo, etc.

220

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KMI Kunming, KMI Kunming, NJ2 Nanjing, etc.

IDC 05 19:58:32.1e 3.6, 36.24N, 71.27E, h0km, mb3.5/8, mb1 3.6/14, mb1mx2.9/27, mbtmp3.6/6, Error ellipse: s-maj=121.4km s-min=27.7km az=155.0, ISC 05 19:58:30.1e 1.5, 19.65N, 147.55E, h0km, mb2, h550km, n6, mb1 3.6/14, mb1mx2.9/27, mbtmp3.6/6, Error ellipse: s-maj=17.4km s-min=16.1km az=141.0

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, UCH Uchter, EKS2 Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GENO, Geno, Pn, Pn, Time, Res. Includes stations like MRGRS Mrkonjic Grad, RICCI Ricce, BANJA Luka, MORICI Morici, UDBINA Udbina, etc.

SOME 05 21:00:58.2, 41.72N, 65.48E, h0km, ISU 05 21:00:58, 40.50N, 65.10E, h5km, 2C-1D, Southeastern Uzbekistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GENO, Geno, Pn, Pn, Time, Res. Includes stations like BUXR Bukhara, GZLY Gazly, SAM Samarkand, etc.

TEH 05 21:06:35.4, 28.09N, 62.11E, h17km, ML3.3, IDC 05 21:06:38.0, 0.14, 0.29, 65N, 61.81E, h0km, mb3.4/3, mb1.3, 4, mb1mx2.8, 4.45, mbtmpr3.4/3, MS3.3/1, Ms1.3, 3/1, m1mx2.6/28, Error ellipse: s-maj=568.6km s-min=32.5km az=146.0

OMAN 05 21:06:41.6, 0.2, 27.36N, 61.80E, h7km, 10km, mb5.0/11, ml3.7/6, Error ellipse: s-maj=20.6km s-min=2.4km az=229.0

DSN 05 21:06:47.1, 2.4, 27.21N, 61.48E, h10km, ML3.5/9, Error ellipsis: s-maj=61.5km s-min=22.4km az=152.0, ISC 05 21:06:33.8, 0.0, 0.2, 0.10N, 0.0, 0.62, 16E, 0.07, h10km, n54, #2549/60, mb3.4/3, Southwestern Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GENO, Geno, Pn, Pn, Time, Res. Includes stations like SRVN Saravan, ZHON Zahedan, KBAM BAm, etc.

Table with columns: GENO, Geno, Pn, Pn, Time, Res, GENO, Geno, Pn, Pn, Time, Res. Includes stations like IMON Monand, BANOM Banah, BANOM Banah, etc.

MAN 05 21:17:15.6, 6.80N, 126.64E, h63km, mb4.6, ML3.5, MS3.3, 3D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GENO, Geno, Pn, Pn, Time, Res. Includes stations like BIPH Bidlig, KCP Kisdapan, GSPH General Santos.

IDC 05 21:17:54.5, 6.9, 24.87N, 123.18E, h87km, 73km, mb3.4/5, mb1.3, 6/6, mb1mx3.2/40, mbtmpr3.8/6, ML3.7/1, Error ellipsis: s-maj=78.4km s-min=16.6km az=59.1

NEIC 05 21:17:57.5, 1.7, 25.04N, 0.07, 123.49E, 0.08, h124km, 7km, mb4.2/12, Error ellipse: s-maj=10.6km s-min=10.0km az=161.0

JMA 05 21:17:58.1, 0.2, 24.97N, 123.40E, h120km, 4km, M3.8, ISC 05 21:17:57.5, 0.7, 25.02N, 0.07, 123.44E, 0.03, h125km, 6km, n49, #099/65, mb4.0/11, Northeast of Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GENO, Geno, Pn, Pn, Time, Res. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GENO, Geno, Pn, Pn, Time, Res. Includes stations like SONM Songoing Array, MTN Manton Dam, MK31 Makanchi Array, etc.

NEIC 05 21:44:36.1, 0.9, 36.21N, 0.01, 97.43W, 0.02, h5km, 7km, Error ellipse: s-maj=2.9km s-min=1.7km az=63.0, TUL 05 21:44:36.1, 1.3, 36.20N, 0.01, 97.43W, 0.02, h6km, 7km, ML3.4, mb, Lg3.4/85(NEIC), Error ellipse: s-maj=2.8km s-min=1.7km az=60.0

ANF 05 21:44:36.1, 0.3, 36.22N, 97.42W, h6km, ML4.0/18, Error ellipsis: s-maj=3.3km s-min=2.8km az=117.0, ISC 05 21:44:36.1, 1.0, 36.20N, 0.02, 97.43W, 0.02, h7km, 10km, n116, #058/115, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GENO, Geno, Pn, Pn, Time, Res. Includes stations like OK029 Liberty Lake, OK029 Carrier, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Basin Creek Fa, Lake Whitney, Mountain Grove, Woolly Hollow, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Geres Geres Array B, UPA 05 22:37:32.0, TOSIS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAN 05 22:45:39.4, NEIC 05 22:45:41.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA, TAPN, ODAN, ULN, RAMN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 05 21:47:08.8, PPG, WRA, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRSC 05 22:57:31.7, BKI, etc.

IDC 05 22:59:32.6;0.4, 0.43:83N;85.24E, h0km, mb4.7/4.1,
 mb1.4, 7/48, mb1mx4.6/6.4, mbtmp4.6/48, ML4.2/7, MS4.0/28,
 MS1.4/128, ms1mx3.9/5.6, Error ellipse: s-maj=9.3km
 s-min=7.5km az=39.0
 MOS 05 22:59:32.9;1.0, 43:87N;85.21E, h12km, mb5.2/2.4,
 MS4.3/7, Error ellipse: s-maj=5.3km s-min=3.7km az=38.3
 NEIC 05 22:59:34.7;1.5, 43:87N;0.06:85.21E;0.09, h10km;1km,
 mb4.9/154, Error ellipse: s-maj=11.4km s-min=10.8km
 az=81.0
 BUJ 05 22:59:35.4;0.0, 43:82N;85.17E, h6km, mB5.0/3.1,
 mb4.5/50, ML5.0/11, MS4.5/35, MS7.4/135
 NNC 05 22:59:36.4;2.1, 43:87N;90.92E, h0km, mb5.4, mpv5.2,
 Error ellipse: s-maj=17.9km s-min=8.6km az=127.0
 BGR 05 22:59:38.4;0.0, 44:61N;85.69E, h33km, mb5.1
 ISC 05 22:59:37.0;6.4, 43:90N;0.03:85.13E;0.02, h14km;3km,
 n717, s158/767, mb5.0/200, MS4.0/29, 55C-25D, Northern
 Xinjiang

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
							h m s	ISC
WMQ	Urumqi	1.85	91	Op	Pg		23 00 10.2	+0.1
WMQ				Sg	Sb		23 00 32.6	+1.1
WMQ	comp=N,8um,0.7s			smax	smax			
KTMS	Ketmen	3.50	264	eP	Pb		23 00 35.0	-1.5
KTMS	75nm,0.4s			eS	Sb		23 01 22.5	+3.6
KTMS	1um,0.7s			eP	Pb		23 00 38.0	+1.5
KTMS	Ketmen	3.50	264	Pg	Pb		23 01 23.2	
KTMS	210nm,0.6s			Lg	Lg		23 01 23.2	
MK31	Makanchi Array	3.52	326/d	P	Pn		23 00 32.0	+3.0
MK31	Makanchi Array	3.52	326	∩Pn	Pn		23 00 32.2	+3.1
MK31	18nm,0.3s,baz=140,slow=12			∩Pg	Pg		23 00 41.6	-0.6
MK31	737nm,0.5s,baz=134,slow=22,SNR=173			∩Lg	Lg		23 01 28.1	
MK31	846nm,0.4s,baz=145,slow=31,SNR=53			Lg	Lg		23 01 31.8	+2.8
MK31	Makanchi Array	3.52	326	Pn	Pn		23 00 41.1	-1.0
MKAR	Makanchi Array	3.52	326	Pn	Pg		23 00 32.2	+3.2
MKAR	33nm,0.3s,baz=146,slow=14,SNR=924			Pg	Pg		23 00 41.0	-1.1
MKAR	387nm,0.3s,baz=138,slow=17,SNR=136			Lg	Lg		23 01 27.5	
MKAR	1um,0.3s,baz=141,slow=30,SNR=16			LR	LR		23 02 19.9	
MKAR	comp=2,3um,18.7s,baz=108,slow=44			Pn	Pn		23 00 32.2	+3.2
MKAR	Makanchi Array	3.52	326	iP	Pn		23 00 32.2	+3.2
MKAR	comp=2.48nm,0.3s			pmax	pmax			
MKAR	Makanchi Array	3.52	326	Pn	Pn		23 00 31.6	+2.6
MKAR	Makanchi Array	3.52	326	Pn	Pg		23 00 41.0	-1.1
ZSN	Zaisan	3.56	357	eP	Pb		23 00 37.7	+0.2
ZSN	comp=2.103nm,0.3s			eS	Sg		23 01 27.7	-1.2
ZSN	comp=2.3um,0.7s			eP	Pb		23 00 39.1	+1.6
ZSN	baz=358			eP	Pb		23 00 39.0	+1.6
ZSN	Zaisan	3.56	357	Pg	Pb		23 00 40.7	-2.1
ZSN	Zaisan	3.56	357	Pg	Pb		23 01 27.7	
ZSN	comp=2.394nm,0.4s			Lg	Lg		23 01 27.7	
MAKZ	Makanchi	3.66	324	P	Pg		23 00 33.6	+2.6
MAKZ	Makanchi	3.66	324	∩Pg	Pg		23 00 44.1	-0.8
MAKZ	comp=Z,817nm,0.6s			∩Lg	Lg		23 01 31.9	
MAKZ	comp=Z,695nm,0.5s			Lg	Pn		23 00 33.6	+2.6
MAKZ	Makanchi	3.66	324	Pn	Pg		23 00 43.9	-1.0
DJR	Jarkent	3.87	278	eP	Pb		23 00 41.3	-1.5
DJR	comp=2.44nm,0.4s			eS	Sb		23 01 33.9	+4.4
PDGK	Podgornoye	4.14	264	P	Pn		23 00 40.2	+2.6
PDGK	Podgornoye	4.14	264	Pg	Pb		23 00 50.3	+3.0
PDGK	comp=Z,1.75nm,0.5s			Lg	Lg		23 01 43.3	
PDGK	comp=Z,698nm,0.6s			∩Pn	Pn		23 00 40.2	+2.6
PDGK	comp=Z,1.98nm,0.7s			∩Pg	Pg		23 00 52.0	-2.0
PDGK	comp=Z,294nm,0.6s			∩Lg	Lg		23 01 42.4	
SHLS	Shalkode	4.19	262	eP	Pn		23 00 40.8	+2.4
SHLS	comp=Z,57nm,0.5s			eS	Sn		23 01 32.7	+5.6
SHLS	Shalkode	4.19	262	eP	Pn		23 00 38.0	-0.3
SHLS	Shalkode	4.19	262	Pg	Pb		23 00 45.2	-3.1
SHLS	comp=Z,2um,0.7s			Lg	Lg		23 01 35.0	
UZB	Uzynbulak	4.51	263	eP	Pb		23 00 52.7	-1.0
UZB	comp=Z,40nm,0.6s			eS	Sg		23 01 54.5	-4.8
UZB	comp=Z,900nm,0.7s			eP	Pb		23 00 56.1	+2.4
UZB	Uzynbulak	4.51	263	eP	Pn		23 00 46.0	+3.3
UZB	Uzynbulak	4.51	263	Pg	Pb		23 00 56.6	+2.9
UZB	comp=Z,264nm,0.6s			Lg	Lg		23 01 54.5	
BLB	comp=Z,900nm,0.7s			Lg	Lg		23 02 05.4	
BLB	Taldybasay	4.94	285	eP	Pb		23 01 01.7	+0.7
BLB	comp=Z,588nm,0.7s			eS	Sg		23 02 09.0	-4.3
TDK	Taldygorghan	4.94	285	eP	Pb		23 01 03.9	+2.9
TDK	comp=Z,2um,0.6s			eP	Pb		23 01 04.4	+3.4
TDK	Taldygorghan	4.94	285	Pg	Pb		23 02 08.0	
TDK	comp=Z,588nm,0.7s			Lg	Lg		23 02 08.0	
SATY	Saty	4.97	263	eP	Pn		23 00 60.0	-1.5
SATY	comp=Z,2um,0.6s			eS	Sb		23 02 06.3	+5.2
SATY	comp=Z,79nm,0.5s			eS	Sb		23 01 03.6	+2.1
SATY	Saty	4.97	263	eP	Pb		23 01 03.9	+2.4
SATY	comp=Z,51nm,0.7s,baz=262			eP	Pb		23 02 06.3	
SATY	Saty	4.97	263	Pg	Pb		23 01 03.9	+2.4
SATY	comp=Z,142nm,0.6s			Lg	Lg		23 02 06.3	
KURS	Kuran	5.07	268	eP	Pb		23 01 04.7	+1.5
KURS	comp=Z,720nm,0.5s			eS	Sg		23 02 13.8	-3.5
KURS	comp=Z,109nm,0.8s			eS	Sg		23 02 13.8	-3.5
PRZ	Przheval'sk	5.12	256	P	Pn		23 00 54.1	+2.9
PRZ	Przheval'sk	5.12	256	Pn	Pn		23 00 54.1	+2.9
ARXS	Arharly	5.28	276	P	Pn		23 00 55.5	+2.3
ARXS	Arharly	5.28	276	Pg	Pg		23 01 13.0	-2.7
ARXS	comp=Z,163nm,0.6s			Lg	Lg		23 02 21.4	
TARG	Taragay, Kyrgy	5.81	251	P	Pn		23 01 02.8	+2.0
MDOK	Medeo	5.92	266	eP	Sb		23 01 17.9	+0.1
MDOK	comp=Z,131nm,0.5s			eS	Sb		23 02 36.2	+7.6
KNDC	Almaty	5.97	266	P	Pn		23 01 05.6	+2.8
KNDC	Almaty	5.97	266	∩Pn	Pn		23 01 05.6	+2.8
KNDC	comp=Z,235nm,0.8s			∩Lg	Lg		23 02 46.8	
AAA	Alma-Ata	6.01	266	eP	Pb		23 01 19.6	+0.3
AAA	comp=Z,146nm,0.4s			eS	Sg		23 02 40.5	-7.1
AAA	comp=Z,698nm,0.6s			eP	Pb		23 01 23.3	+4.0
AAA	Alma-Ata	6.01	266	eP	Pb		23 01 23.3	+4.0
AAA	baz=266			eP	Pb		23 01 07.7	+4.3
DGZ	Jazzator, Alta	6.02	265	eP	Pn		23 01 21.2	+1.7
TNSS	Tian-Shan	6.02	265	eP	Pn		23 02 43.2	-4.7
TNSS	comp=Z,89nm,0.5s			eS	Sg		23 02 43.2	-4.7
KDJ	Kajisay	6.09	256	P	Pn		23 00 56.9	+2.4

KDJ	Kajisay	6.09	256	Pn	Pn	23 01 06.9	+2.4
KUU	Kurty	6.35	273	eP	Pb	23 01 29.4	+4.4
KUU	comp=Z,91nm,0.5s			eS	Sg	23 01 56.5	-2.1
ULHL	Ulahol	6.72	259		Pn	23 02 16.6	+3.5
ULHL	SNR=93				Pn	23 01 17.3	+2.2
BOOM	Boomskeye usch	6.87	261		Pn	23 01 17.3	+2.2
BOOM	Boomskeye usch	6.87	261		Pn	23 01 19.9	+2.7
TKM2	Tokmak 2	7.01	265 <td></td> <td>Pn</td> <th>23 03 20.7</th> <td></td>		Pn	23 03 20.7	
TKM2	SNR=50			∩Lg	Lg	23 03 20.7	
SEM	Semipalatinsk	7.31	335 <td>ePn</td> <td>Pn</td> <th>23 01 21.5 <th>+0.2</th> </th>	ePn	Pn	23 01 21.5 <th>+0.2</th>	+0.2
SEM	comp=Z,4.4nm,0.5s,baz=335				Pn	23 01 21.4 <th>+0.2</th>	+0.2
SEM	Semipalatinsk	7.31	335 <td>ePn</td> <td>pmax</td> <th>23 01 27.4 <th>+3.1</th> </th>	ePn	pmax	23 01 27.4 <th>+3.1</th>	+3.1
SEM	SEM	7.31	335 <td>ePn</td> <td>pmax</td> <th>23 01 27.9 <th>+2.7</th> </th>	ePn	pmax	23 01 27.9 <th>+2.7</th>	+2.7
KBK	Karagaybulak	7.54 <th>264 <td>P</td> <td>Pn</td> <th>23 01 25.1 <th>-0.4</th> </th></th>	264 <td>P</td> <td>Pn</td> <th>23 01 25.1 <th>-0.4</th> </th>	P	Pn	23 01 25.1 <th>-0.4</th>	-0.4
KBK	SNR=43				Pn	23 01 29.4 <th>+2.5</th>	+2.5
CHMS	Chumysh	7.61	267 <td>P</td> <td>Pn</td> <th>23 01 29.4 <th>+2.5</th> </th>	P	Pn	23 01 29.4 <th>+2.5</th>	+2.5
SGDS	Sogindy	7.63	270 <td>ePn</td> <td>Pn</td> <th>23 01 29.5 <th>+2.5</th> </th>	ePn	Pn	23 01 29.5 <th>+2.5</th>	+2.5
FRU1	Bishkek	7.73	266 <td>P</td> <td>Pn</td> <th>23 01 31.4 <th>+2.6</th> </th>	P	Pn	23 01 31.4 <th>+2.6</th>	+2.6
FRU1	Bishkek	7.73	266 <td>P</td> <td>Pn</td> <th>23 01 31.4 <th>+2.6</th> </th>	P	Pn	23 01 31.4 <th>+2.6</th>	+2.6
USP	Ospenovka	7.75	269 <td>P</td> <td>Pn</td> <th>23 01 31.2 <th>+2.3</th> </th>	P	Pn	23 01 31.2 <th>+2.3</th>	+2.3
AAK	Ala-Archa	7.87	264 <td>Pn</td> <td>Pn</td> <th>23 01 31.2 <th>+2.3</th> </th>	Pn	Pn	23 01 31.2 <th>+2.3</th>	+2.3
AAK	comp=Z,4.7nm,0.3s,baz=110,slow=8.0,SNR=67			Pg	Pg	23 01 54.7 <th>+3.8</th>	+3.8
AAK	comp=Z,5.6nm,0.3s,baz=117,slow=23,SNR=9.0			Lg	Lg	23 03 43.3	
AAK	comp=Z,7.4nm,0.3s,baz=228,slow=13,SNR=2.3			LR	LR	23 04 59.7	
AAK	comp=Z,4.71nm,21.6s,baz=84,slow=41			Lg	Lg	23 01 31.4 <th>+2.6</th>	+2.6
AAK	Ala-Archa	7.87	264 <td>P</td> <td>Pn</td> <th>23 01 31.4 <th>+2.6</th> </th>	P	Pn	23 01 31.4 <th>+2.6</th>	+2.6
AAK	Ala-Archa	7.87	264 <td>iP</td> <td>Pn</td> <th>23 01 31.2 <th>+2.3</th> </th>	iP	Pn	23 01 31.2 <th>+2.3</th>	+2.3
AAK	SNR=23			iP	Pn	23 01 31.2 <th>+2.3</th>	+2.3
AAK	Ala-Archa	7.87	264 <td>iP</td> <td>pmax</td> <th>23 01 30.5 <th>+1.7</th> </th>	iP	pmax	23 01 30.5 <th>+1.7</th>	+1.7
AAK	comp=Z,110nm,1.3s			∩Pn	Pn	23 02 03.2	-2.0
AAK	Ala-Archa	7.87	264 <td>∩Pn</td> <td>Pg</td> <th>23 03 46.6</th> <td></td>	∩Pn	Pg	23 03 46.6	
AAK	comp=Z,34nm,0.8s			∩Pg	Pg	23 01 31.1 <th>+2.3</th>	+2.3
AAK	comp=Z,74nm,0.8s			∩Lg	Lg	23 01 32.2 <th>+2.5</th>	+2.5
AAK	comp=Z,484nm,1.1s			Lg	Lg	23 01 30.1 <th>-0.6</th>	-0.6
AAK	Ala-Archa	7.87	264 <td>Pn</td> <td>Pn</td> <th>23 01 30.1 <th>-0.6</th> </th>	Pn	Pn	23 01 30.1 <th>-0.6</th>	-0.6
AAK	Uchter	7.95	262 <td>P</td> <td>Pn</td> <th>23 01 30.9 <th>+0.2</th> </th>	P	Pn	23 01 30.9 <th>+0.2</th>	+0.2
AAK	SNR=60			Lg	Lg	23 01 30.9 <th>+0.2</th>	+0.2
BTLS	Baital	8.01	282 <td>ePn</td> <td>Pn</td> <th>23 01 33.3 <th>+1.7</th> </th>	ePn	Pn	23 01 33.3 <th>+1.7</th>	+1.7
BTLS	comp=Z,9.8nm,0.7s,baz=282			ePn	Pn	23 03 00.7 <td>-2.1</td>	-2.1
BTLS	Baital	8.01	282 <td>ePn</td> <td>pmax</td> <th>23 03 05.2 <td></td> </th>	ePn	pmax	23 03 05.2 <td></td>	
BTLS	BTLS	8.01	282 <td>ePn</td> <td>pmax</td>	ePn	pmax		

LANS	Liptovska Anna	44.21 301	eP	P	23 07 45.0 +1.8
GKP	Gorka Klasztor	44.29 307	eP	P	23 07 45.4 +1.7
MDVR	Moldovita	44.32 294	iP	P	23 07 45.0 +0.9
ZAGS	Zajecar	44.35 293	eP	P	23 07 44.7 +0.4
PSZ	Piszkesteto	44.36 299	eP	P	23 07 44.8 +0.3
PSZ	Piszkesteto	44.36 299	eP	P	23 07 46.1 +1.6
PSZ	comp-Z,28nm,1.7s				23 07 51.3
PSZ	Piszkesteto	44.36 299	eP	P	23 07 46.1 +1.6
PSZ	comp-Z,28nm,1.7s				23 07 51.3
HFS	Hagfors	44.49 317	LR	LR	23 27 02.9
	comp-Z,534nm,19.5s,baz=8.0,slow=37				
BOSS	Bosilegrad	44.71 291	eP	P	23 07 48.2 +0.9
BOVS	Bovian	44.77 293	iP	P	23 07 48.4 +0.7
YVHS	Vyhne	44.83 300	eP	P	23 07 49.5 +1.5
YVHS	Vyhne	44.83 300	eP	P	23 07 49.6 +1.5
PRVS	Prvonek	44.98 291	eP	P	23 07 50.8 +1.4
PRVS	Prvonek	44.98 291	eP	P	23 07 50.9 +1.5
BARs	Barje	45.03 292	eP	P	23 07 44.5 -5.3
BARs	Barje	45.03 292	eP	P	23 07 50.8 +0.7
VAY	Valandovo	45.14 289	iP	P	23 07 51.7 +1.1
MORC	Moravsky Berou	45.19 302	iP	P	23 07 52.3 +1.2
MORC	Moravsky Berou	45.19 302	iP	P	23 07 52.5 +1.5
MORC	Moravsky Berou	45.19 302	eP	P	23 07 52.2 +1.2
MORC	comp-Z,14nm,1.2s				
MORC	Moravsky Berou	45.19 302	eP	P	23 07 52.2 +1.2
MORC	comp-Z,14nm,1.2s				23 07 53.3
NC405	NORSAR Array S	45.23 319	P	P	23 07 50.9 -0.3
STIP	Stip	45.24 290	iP	P	23 07 51.1 -0.4
GRUS	Gruzu	45.33 294	eP	P	23 07 53.4 +1.3
SELS	Selova	45.33 292	eP	P	23 07 52.8 +0.6
SRO	Srobarova	45.40 300	eP	P	23 07 54.7 +2.1
SRO	comp-Z,16nm,0.9s				
SRO	Srobarova	45.40 300	eP	P	23 07 54.7 +2.1
FRGS	Fruska Gora	45.43 296	iP	P	23 07 53.5 +0.6
JAVC	Velka Javorina	45.43 301	eP	P	23 07 55.4 +2.5
NB2	NORSAR Subarra	45.49 319	P	P	23 07 53.5 +0.3
NOA	comp-Z,7.7nm,0.7s,baz=76,slow=7.9				
NOA	NORSAR Array B	45.49 319	P	P	23 07 53.5 +0.3
NOA	comp-Z,9.1nm,0.8s,baz=77,slow=7.8,SNR=18				
KRLC	Kraliky	45.59 303	eP	P	23 07 55.3 +1.4
KRLC	Kraliky	45.59 303	eP	P	23 08 02.8
KRLC	Kraliky	45.59 303	eP	P	23 07 55.3 +1.4
KRLC	Kraliky	45.59 303	eP	P	23 08 02.8
KSP	Ksiaz	45.59 304	eP	P	23 07 55.4 +1.3
CSKK	Csakao	45.59 299	eP	P	23 07 54.9 +0.7
SKO	Skojpe	45.63 291	iP	P	23 07 56.7 +2.2
BKNI	Bangkaning	45.64 157	P	P	23 07 54.9 0.0
SMOL	Smolenice	45.70 301	eP	P	23 07 57.3 +2.3
SMOL	comp-Z,5.0nm,0.9s				
SMOL	Smolenice	45.70 301	eP	P	23 07 57.3 +2.3
SMOL	Divibare	45.72 294	P	P	23 07 56.0 +0.6
SMOL	Divibare	45.72 294	P	P	23 07 57.1
DIVS	Divibare	45.72 294	eP	P	23 07 55.9 +0.6
DIVS	Divibare	45.72 294	eP	P	23 07 57.1 +1.8
DPC	Dobruska-Polom	45.74 303	eP	P	23 08 06.1
DPC	Dobruska-Polom	45.74 303	eP	P	23 07 57.1 +1.8
DPC	Dobruska-Polom	45.74 303	eP	P	23 08 06.1
DPC	Dobruska-Polom	45.74 303	eP	P	23 07 57.7 +1.8
CHVC	Chvalec	45.82 304	eP	P	23 07 57.7 +1.8
CHVC	Chvalec	45.82 304	eP	P	23 08 06.1
IVAS	Ivanjica	45.83 293	eP	P	23 07 56.5 +0.3
MODS	Modra-Piesok	45.84 301	eP	P	23 07 57.4 +1.2
MODS	Modra-Piesok	45.84 301	eP	P	23 07 57.4 +1.2
UPC	Udice	45.87 304	eP	P	23 07 57.8 +1.5
UPC	Udice	45.87 304	eP	P	23 07 58.1 +1.3
VRAC	Vranov	45.93 302	eP	P	23 07 59.0 +0.8
SJES	Sjenica	46.08 293	eP	P	23 07 58.9 +0.6
MPLH	Magyarpolny	46.12 299	eP	P	23 07 59.5 +1.0
KRUC	Kruc	46.14 302	eP	P	23 08 03.1 +1.7
EGYH	Egyhazakeszko	46.16 299	eP	P	23 07 58.4 -0.3
KOVH	Kovagototos	46.17 297	eP	P	23 07 58.7 -0.3
FNA	Florina	46.19 289	P	P	23 07 58.7 -0.3
FNA	Florina	46.19 289	P	P	23 07 58.7 -0.3
FNA	comp-Z,7.0nm,0.8s				
FNA	Florina	46.19 289	P	P	23 07 58.7 -0.3
FNA	Florina	46.19 289	P	P	23 08 00.5
BBLs	Lazi#263;i	46.21 294	eP	P	23 08 00.1 +1.0
AGG	Agios Georgios	46.32 287	P	P	23 08 00.1 0.0
AGG	Agios Georgios	46.32 287	P	P	23 08 01.1
AGG	Agios Georgios	46.32 287	P	P	23 08 00.1 0.0
AGG	Agios Georgios	46.32 287	P	P	23 08 01.1
RUE	Ruedersdorf	46.53 307	eP	P	23 08 02.1 +0.7
SOP	Sopron	46.55 300	P	P	23 08 02.8 +1.1
SOP	Sopron	46.55 300	P	P	23 08 03.4 +1.7
KONO	Kongsberg	46.61 317	P	P	23 08 02.7 +0.7
KONO	comp-Z,18nm,2.0s				
KONO	Kongsberg	46.61 317	P	P	23 08 02.6 +0.7
KBN	Korca	46.66 289	P	P	23 08 02.5 -0.3
KBN	Korca	46.66 289	P	P	23 08 02.9
KBN	Korca	46.66 289	P	P	23 08 02.5 -0.3
KBN	Korca	46.66 289	P	P	23 08 02.9
PDSI	Padang	46.67 159	P	P	23 08 02.1 -0.9
PVCC	Panska Ves	46.73 304	eP	P	23 08 04.3 +1.2
PVCC	Panska Ves	46.73 304	eP	P	23 08 04.3 +1.2
CONA	Conrad Observa	46.80 300	iP	P	23 08 05.8 +1.3
PDG	Podgorica	46.91 292	iP	P	23 08 04.9 +0.4
PDG	Podgorica	46.91 292	iP	P	23 08 04.8 +0.3
PDG	Podgorica	46.91 292	iP	P	23 08 04.9
SKR	Severo-Kuril's	46.92 55	eS	P	23 07 53.1 -1.1
SKR	Severo-Kuril's	46.92 55	eS	P	23 14 49.6 -5.3
SKR	Severo-Kuril's	46.92 55	eS	P	23 07 53.1 -1.1
SKR	Severo-Kuril's	46.92 55	eS	P	23 14 49.6 -5.3
PRU	Pruhonic	46.94 304	eP	P	23 08 06.1 +1.4
PRU	Pruhonic	46.94 304	eP	P	23 08 14.2
PRU	Pruhonic	46.94 304	eP	P	23 08 06.1 +1.4
PRU	Pruhonic	46.94 304	eP	P	23 08 14.2
BRG	Berggiesshubel	46.98 305	eP	P	23 08 05.9 +0.9
BRG	Berggiesshubel	46.98 305	eP	P	23 08 05.9 +1.4
BRG	Berggiesshubel	46.98 305	eP	P	23 08 06.0
PETK	Petropavlovsk-	47.01 52	P	P	23 08 04.6 -0.7
PETK	comp-Z,4.2nm,0.9s,baz=286,slow=10,SNR=2.7				
PETK	Petropavlovsk-	47.01 52	P	P	23 29 00.6
ARSA	Arszberg	47.36 300	iP	P	23 08 08.9 +0.8
CLL	Colim	47.38 306	iP	P	23 08 08.6 +0.5
CLL	Colim	47.38 306	iP	P	23 08 12.0
CLL	Colim	47.38 306	iP	P	23 08 17.5
CLL	Colim	47.38 306	iP	P	23 08 08.6 +0.5
CLL	comp-Z,25nm,1.0s				
CLL	Colim	47.38 306	iP	P	23 08 12.0 -1.1
CLL	Colim	47.38 306	iP	P	23 08 24.2
CLL	Colim	47.38 306	iP	P	23 08 07.7 +0.6
CLL	Colim	47.38 306	iP	P	23 08 09.3 +1.1
CLL	Colim	47.38 306	iP	P	23 08 09.9
ITM	Ithomi	47.47 285	P	P	23 08 07.9 -1.1
ITM	Ithomi	47.47 285	P	P	23 08 09.4
DSRI	Dabo	47.48 153	P	P	23 08 09.9 +0.7
CKRC	Cesky Krumlov	47.51 302	eP	P	23 08 11.8 +2.6
CKRC	Cesky Krumlov	47.51 302	eP	P	23 08 20.9
SBUM	Sibu	47.75 142	iP	P	23 08 11.9 +0.6
SBUM	Sibu	47.75 142	iP	P	23 08 13.6
GOLS	Golise	47.79 298	iP	P	23 08 12.3 +0.9
KSM	Kuching	47.80 145	P	P	23 08 11.9 +0.2
KSM	Kuching	47.80 145	P	P	23 08 13.5

KHC	Kasperske Hory	47.84 303	eP	P	23 08 13.0 +1.2
KHC	Kasperske Hory	47.84 303	eP	P	23 08 20.6
KHC	Kasperske Hory	47.84 303	iP	P	23 08 13.3 +1.5
KHC	comp-Z,14nm,1.0s				
KHC	Kasperske Hory	47.84 303	iP	P	23 08 12.7 +0.9
GCIS	Gornji Cirnik	47.84 298	P	P	23 08 12.7 +0.9
GE2C	GERESS Array S	47.87 302	P	P	23 08 13.2 +1.1
GE2C	GERESS Array S	47.87 302	P	P	23 08 14.4
GERES	GERESS Array B	47.87 302	P	P	23 08 13.4 +1.3
GERES	GERESS Array B	47.87 302	P	P	23 08 12.7 +0.5
SOKA	Sobot	47.89 299	iP	P	23 08 13.0 +0.7
TANN	Tannenbergrstha	48.02 305	eP	P	23 08 14.3 +1.1
GUNZ	Gunzen	48.12 305	eP	P	23 08 14.9 +1.0
NEUB	Neuenburg	48.14 306	eP	P	23 08 14.7 +0.8
PDKS	Podkum	48.17 298	iP	P	23 08 15.2 +0.8
WET	Wetzell	48.26 303	eP	P	23 08 16.2 +1.1
OBKA	Obir	48.27 299	iP	P	23 08 15.8 +0.6
ROTZ	Rotzenmuhle	48.42 304	eP	P	23 08 17.3 +1.0
MOX	Moxa	48.44 305	eP	P	23 08 17.3 +0.9
MYLDM	Lahad Datu	48.45 133	P	P	23 08 18.5 +1.7
LJU	Ljubljana	48.47 299	iP	P	23 08 17.4 +0.8
NOR	Nord	48.57 349	iP	P	23 08 18.2 +1.2
NOR	comp-Z,3.0nm,0.7s				
MYKA	Terra Mystica	48.79 300	eP	P	23 08 27.2
KBA	Koelnbreinsper	48.79 300	eP	P	23 08 19.8 +0.6
PRED	Cave del Predi	49.01 299	P	P	23 08 20.5 +0.3
GRA1	Grafenberg Arr	49.04 304	P	P	23 08 22.2 +1.2
GRF	Grafenberg Arr	49.04 304	P	P	23 08 22.2 +1.2
GRF	comp-Z,30nm,1.1s				
GRF	Grafenberg Arr	49.04 304	P	P	23 08 22.5 +1.5
GRFO	Grafenberg Arr	49.04 304	P	P	23 08 22.2 +1.2
GRFO	comp-Z,31nm,1.1s				
GRFO	Grafenberg Arr	49.04 304	P	P	23 08 22.2 +1.2
GTGT	Gottinen	49.06 307	eP	P	23 08 22.6 +1.5
STAL	STALGIAL	49.53 300	P	P	23 08 24.8 0.0
SGRT	San Giovanni R	49.55 293	P	P	23 08 25.4 +0.3
WTTA	Wattenberg	49.77 301	iP	P	23 08 28.1 +1.2
WATA	Walderalm	49.78 301	iP	P	23 08 27.6 +0.7
SOTA	Sankt Quirin	50.06 301	iP	P	23 08 29.9 +1.0
MOTA	Mosolin	50.07 302	iP	P	23 08 29.8 +0.7
TIP	Timpagrande	50.07 290	P	P	23 08 29.8 +0.8
REP	comp-Z,40nm,1.4s				
FETA	Feichten	50.44 301	iP	P	23 08 31.1 +1.0
UBR	Ulber	50.54 302	eP	P	23 08 32.7 +0.8
STU	Stuttgart	50.63 304	eP	P	23 08 33.3 +0.8
BUG	Bochum-Univers	50.65 308	eP	P	23 08 34.2 +1.1
DAG	Danmarks Havn	50.75 343	iP	P	23 08 33.5 +0.3
DAG	comp-Z,2.9nm,0.6s				
NRC3	Norcia	50.79 295	P	P	23 08 43.2
NRC4	Norcia	50.79 295	P	P	23 08 32.4 +0.8
AQU	L'Aquila	50.82 295	P	P	23 08 36.4
AQU	L'Aquila	50.82 295	P	P	23 08 35.4 +0.7
AQU	L'Aquila	50.82 295	P	P	23 08 35.4 +0.7
AQU	L'Aquila	50.82 295	P	P	23 08 42.9
DAVA	Damuelis	50.85 302	eP	P	23 08 35.7 +0.8
BFO	Black Forest	51.14 304	P	P	23 08 38.5 +0.1
BFO	comp-Z,7.0nm,0.9s				
OSSC	Osservatorio P	51.34 304	P	P	23 08 38.5 +0.1
OSSC	Osservatorio P	51.68 297	P	P	23 08 41.9 +0.8
VLC	Villacollemand	51.93 298	P	P	23 08 42.6
MSSA	Maissana	52.41 299	P	P	23 08 43.9 +0.9
MSSA	Maissana	52.41 299	P	P	23 08 45.4 +0.3
MSSA	Maissana	52.41 299	P	P	23 08 48.3
RAFF	Raffo Rosso	52.68 289	P	P	23 08 49.7 +1.1
CORL	Corleone	53.06 290	P	P	23 08 51.3 -0.1
CORL	Corleone	53.06 290	P	P	23 08 56.6
LPG	La Plagne	53.59 301	P		

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, etc.

IDC 05 23:14:13.9.0.7, 1.73S, 145.22E, h0km, mb4.3/17, mb1 4.5/21, mb1mx4.2/53, mbtmp4.2/1, MA, L2.3, MS3.7/14, MS1 3.7/14, ms1mx3.5/32, Error ellipse: s-maj=20.5km s-min=13.0km az=98.0

NEIC 05 23:14:16.1.4.1, 1.67S, 0.04x145.13E, 0.07, h10km, 1km, mb4.8/46, Error ellipse: s-maj=12.6km s-min=4.6km az=295.0

GCMT 05 23:14:19.6.0.4, 1.62S, 0.02x144.95E, 0.02, h15km, 2km, MW4.8/72, Moment Tensor Scale: s18.c23, s72.c88; Duration: 0 Moment tensor: Scale 1016Nm; Mw=0.98; 14; Mw=0.91; 07; Mw=1.89; 12; Mw=1.19; 26; Mw=0.38; 07; Mw=0.78; 20; Best double couple: Mo2.00000; 1016 NP1=28.00000; 643.00000; 1.26.00000; NP2: 138.00000; 872.00000; 1.29.00000; Principal axes: T 2.2410, P1g18.0000, Azm256.0000; N -0.0830, P1g37.0000; Azm152.0000; P -2.1600, P1g47.0000; Azm77.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 05 23:14:37.0.9.3, 0.91S, 7.14E, h10km, M4.5/20, mb4.8/20, mB5.1/10, MLv4.3/2, Mw(mB)4.5/10, MwMwp5.0/1, Mwps3/1

ISC 05 23:14:16.3.0.4, 1.68S, 0.05x145.15E, 0.06, h10km, n140, r186/127, mb4.7/50, MS3.6/10, 1C-1D, Admiralty Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like MANU Manaus Island, JAY Jayapura, etc.

Table with columns: TOL, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like TOLITOI, QLP Quijipe, RMQ Roma, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BVAR Borovoye Array, IL31, ILAR Eielson Array, etc.

IDC 05 23:14:54.6.0.9, 5.31S, 103.46E, h0km, mb4.2/17, mb1 4.2/18, mb1mx3.9/66, mbtmp4.2/18, ML3.2/1, MS2.1/11, MS1 2.1/11, ms1mx2.0/37, Error ellipse: s-maj=36.9km s-min=14.2km az=120.0

NEIC 05 23:15:02.3.1.2, 5.30S, 0.10x103.5E, 0.1, h53km, 7km, mb4.6/29, Error ellipse: s-maj=17.1km s-min=10.9km az=46.0

DJA 05 23:15:03.7.0.7, 5.33S, 103.46E, h23km, 7km, M4.2/16, MLv4.2/16

ISC 05 23:15:00.6.0.5, 5.49S, 0.06x103.42E, 0.06, h47km, n83, r121/81, mb5.6/50, MS4.5/30, Bouhoun Sumatara

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like LWLI Liwa, KASI Kota Agung, MDSI Maura Dua, etc.

6d 1h

MSTX	Muleshoe	4.20 234	P	Pn	01 02 46.3	0.0
MSTX	Muleshoe	4.20 234	Pn	Pb	01 02 46.3	0.0
MSTX	Muleshoe	4.20 234	Pb	Pb	01 02 45.8	-1.1
MSTX	Muleshoe	4.20 234	Sb	Sb	01 03 50.0	+2.8
N33B	J Bar K, Exete	4.33 12	P	Pn	01 02 48.5	+0.5
N33A	J Bar K, Exete	4.33 12	Pn	Pn	01 02 48.5	+0.5
N33A	J Bar K, Exete	4.33 12	Pn	IaMb_Lg	01 04 07.8	
S39A	Bolivar	4.44 73	Pn	Pn	01 02 50.8	+1.4
S39A	Bolivar	4.44 73	IaMb_Lg	Pn	01 04 03.0	
S39A	Bolivar	4.44 73	P	Pn	01 02 50.8	+1.4
Z38A	Mt. Pleasant	4.44 136	Pn	Pn	01 02 50.2	+0.7
Z38A	Mt. Pleasant	4.44 136	IaMb_Lg	Pn	01 04 05.4	
Z38A	Mt. Pleasant	4.44 136	P	Pn	01 02 50.0	+0.6
MIAR	Mount Ida	4.59 114	Pn	Pn	01 02 52.9	+1.3
MIAR	Mount Ida	4.59 114	Pn	Pn	01 02 52.9	+1.3
MIAR	Mount Ida	4.59 114	P	Pn	01 02 53.0	+1.3
MIAR	Mount Ida	4.59 114	S	Sn	01 03 46.3	+0.6
WHXY	Lake Whitney	4.62 167	Pn	Pn	01 02 52.0	0.0
WHXY	Lake Whitney	4.62 167	P	Pn	01 02 52.2	+0.3
WHXY	Lake Whitney	4.62 167	S	Sn	01 03 47.0	+0.8
WHXY	Lake Whitney	4.62 167	Pn	Pn	01 02 52.2	+0.3
WHXY	Lake Whitney	4.62 167	Pb	Pb	01 03 03.0	+0.2
WHXY	Lake Whitney	4.62 167	Sb	Sb	01 04 04.7	+5.7
T25A	Trinidad	4.65 279	Pn	Pn	01 02 52.6	+0.1
T25A	Trinidad	4.65 279	IaMb_Lg	Pn	01 04 06.3	
T25A	Trinidad	4.65 279	P	Pn	01 02 52.7	+0.1
T25A	Trinidad	4.65 279	Sb	Sb	01 04 04.3	+4.3
U40A	Yellville	4.70 90	Pn	Pn	01 02 53.7	+0.6
U40A	Yellville	4.70 90	IaMb_Lg	Pn	01 04 12.7	
U40A	Yellville	4.70 90	P	Pn	01 02 54.0	+1.0
U40A	Yellville	4.70 90	P	Pn	01 02 54.0	+1.0
U40A	Yellville	4.70 90	Pn	Pn	01 02 54.8	+1.8
BGNE	Belgrade	4.91 5	Pn	Pn	01 02 56.7	+0.7
BGNE	Belgrade	4.91 5	IaMb_Lg	Pn	01 04 30.0	
BGNE	Belgrade	4.91 5	P	Pn	01 02 56.9	+0.9
BGNE	Belgrade	4.91 5	P	Pn	01 02 56.9	+0.9
N35A	Tabor	4.95 28	Pn	Pn	01 02 57.9	+1.3
N35A	Tabor	4.95 28	P	Pn	01 02 57.9	+1.3
Z37A	Washetta, Mont	5.08 151	IaMb_Lg	Pn	01 02 58.1	-0.2
Z37A	Washetta, Mont	5.08 151	P	Pn	01 04 32.6	
Z37A	Washetta, Mont	5.08 151	Pn	Pn	01 02 57.8	-0.5
P38A	Dawn	5.11 51	Pn	Pn	01 03 00.9	+2.2
P38A	Dawn	5.11 51	Pn	Pn	01 03 00.4	+1.7
OGNE	Ogallala	5.15 330	Pn	Pn	01 03 00.5	+1.2
OGNE	Ogallala	5.15 330	IaMb_Lg	Pn	01 04 37.4	
OGNE	Ogallala	5.15 330	P	Pn	01 03 00.9	+1.6
OGNE	Ogallala	5.15 330	P	Pn	01 03 01.2	+1.8
OGNE	Ogallala	5.15 330	Sb	Sg	01 04 22.2	-4.1
X40A	Basin Creek Fa	5.17 111	IaMb_Lg	Pn	01 03 00.7	+1.0
X40A	Basin Creek Fa	5.17 111	P	Pn	01 03 00.6	+1.0
X40A	Basin Creek Fa	5.17 111	P	Pn	01 03 00.6	+1.0
X40A	Basin Creek Fa	5.17 111	Pn	Pn	01 03 00.8	+1.3
MGMO	Mountain Grove	5.18 81	IaMb_Lg	Pn	01 03 00.7	+1.0
MGMO	Mountain Grove	5.18 81	Pn	Pn	01 04 33.0	
WHAR	Woolly Hollow	5.32 101	IaMb_Lg	Pn	01 03 03.2	+1.6
WHAR	Woolly Hollow	5.32 101	Pn	Pn	01 04 40.0	
FCAR	Ozark Folk Cen	5.33 95	IaMb_Lg	Pn	01 03 02.6	+0.8
FCAR	Ozark Folk Cen	5.33 95	Pn	Pn	01 04 33.3	
WLAR	White Oak Lake	5.36 120	IaMb_Lg	Pn	01 03 03.2	+1.1
WLAR	White Oak Lake	5.36 120	IaMb_Lg	Pn	01 04 46.7	
W41B	Gary Mavity, V	5.39 102	P	Pn	01 03 03.5	+1.0
W41B	Gary Mavity, V	5.39 102	P	Pn	01 03 04.1	+1.6
W41B	Gary Mavity, V	5.39 102	S	Sn	01 04 03.8	-1.4
R40A	Maddies Statio	5.40 69	Pn	Pn	01 03 03.8	+1.2
R40A	Maddies Statio	5.40 69	Pn	Pn	01 03 03.9	+1.2
SDCO	Great Sand Dun	5.59 285	IaMb_Lg	Pn	01 03 06.6	+0.9
SDCO	Great Sand Dun	5.59 285	P	Pn	01 04 48.9	
SDCO	Great Sand Dun	5.59 285	P	Pn	01 03 06.8	+1.1
SDCO	Great Sand Dun	5.59 285	P	Pn	01 03 06.4	+0.8
SDCO	Great Sand Dun	5.59 285	Sb	Sb	01 04 33.0	+5.7
Q24A	Divide	5.69 297	P	Pn	01 03 07.0	0.0
Q24A	Divide	5.69 297	Sb	Sb	01 04 36.1	+6.0
L34A	Svendsen Farm	5.73 17	P	Pn	01 03 07.2	-0.1
L34A	Svendsen Farm	5.73 17	P	Pn	01 03 07.2	-0.1
435B	Jarrell	5.78 171	Pn	Pn	01 03 07.4	-0.5
435B	Jarrell	5.78 171	IaMb_Lg	Pn	01 04 58.9	
435B	Jarrell	5.78 171	P	Pn	01 03 07.7	-0.3
435B	Jarrell	5.78 171	P	Pn	01 03 07.7	-0.3
NATX	Nacogdoches	5.79 144	S	Sn	01 03 07.2	-0.8
NATX	Nacogdoches	5.79 144	S	Sn	01 04 14.0	-1.1
Z41A	Richland Creek	5.81 122	P	Pn	01 03 09.7	+1.4
N38A	Joess South For	6.03 43	P	Pn	01 03 12.5	+1.1
N38A	Joess South For	6.03 43	P	Pn	01 03 12.5	+1.1
P40A	Paris	6.04 58	IaMb_Lg	Pn	01 03 13.1	+1.7
P40A	Paris	6.04 58	IaMb_Lg	Pn	01 04 56.3	
JCT	Junction City	6.09 189	Pn	Pn	01 03 11.0	-1.2
JCT	Junction City	6.09 189	IaMb_Lg	Pn	01 05 04.3	
JCT	Junction City	6.09 189	P	Pn	01 03 11.7	-0.5
LCAR	Lake Charles	6.09 92	IaMb_Lg	Pn	01 03 13.1	+0.9
LCAR	Lake Charles	6.09 92	IaMb_Lg	Pn	01 05 03.9	
K31A	O'Neill	6.11 359	Pn	Pn	01 03 13.6	+1.2
K31A	O'Neill	6.11 359	IaMb_Lg	Pn	01 05 01.1	
K31A	O'Neill	6.11 359	P	Pn	01 03 14.0	+1.6
CCM	Cathedral Cave	6.12 73	Pn	Pn	01 03 13.8	+1.2
CCM	Cathedral Cave	6.12 73	IaMb_Lg	Pn	01 05 01.4	
CCM	Cathedral Cave	6.12 73	P	Pn	01 03 14.2	+1.6

2015 DEC

CCM	Cathedral Cave	6.12 73	P	Pn	01 03 14.1	+1.5
CCAR	Cane Creek	6.21 113	Pn	Pn	01 03 14.5	+0.6
CCAR	Cane Creek	6.21 113	IaMb_Lg	Pn	01 05 08.2	
ISCO	Idaho Springs	6.38 303	Pn	Pn	01 03 17.1	+0.6
ISCO	Idaho Springs	6.38 303	IaMb_Lg	Pn	01 05 04.1	
ISCO	Idaho Springs	6.38 303	P	Pn	01 03 17.0	+0.6
ISCO	Idaho Springs	6.38 303	P	Pn	01 03 17.0	+0.6
ANMO	Albuquerque	6.52 258	Pn	Pn	01 03 19.0	+0.6
ANMO	Albuquerque	6.52 258	Pg	Pb	01 03 39.9	+4.6
ANMO	Albuquerque	6.52 258	Lg	Lg	01 05 02.4	
ANMO	Albuquerque	6.52 258	LR	LR	01 06 04.5	
ANMO	Albuquerque	6.52 258	P	Pn	01 03 18.7	+0.4
ANMO	Albuquerque	6.52 258	P	Pn	01 03 18.9	+0.6
ANMO	Albuquerque	6.52 258	Sb	Sb	01 04 59.7	+5.8
S22A	4UR Ranch, Cre	6.63 283	P	Pn	01 03 21.1	+1.1
PBMO	Poplar Bluff	6.63 85	IaMb_Lg	Pn	01 03 20.4	+0.7
PBMO	Poplar Bluff	6.63 85	IaMb_Lg	Pn	01 05 15.3	
FVM	French Village	6.74 75	IaMb_Lg	Pn	01 03 23.2	+2.1
FVM	French Village	6.74 75	IaMb_Lg	Pn	01 05 17.8	
LPAR	Lepanto	6.84 95	Pn	Pn	01 03 23.4	+0.9
SCIA	State Center	6.86 37	IaMb_Lg	Pn	01 03 24.7	+2.0
SCIA	State Center	6.86 37	P	Pn	01 03 25.1	+2.5
BNM	Barney Site	6.91 252	Pn	Pn	01 03 23.7	0.0
GNT	Hockley	6.96 159	Pn	Pn	01 03 23.1	-1.0
SLM	Saint Louis	7.03 70	IaMb_Lg	Pn	01 03 26.0	+0.9
SLM	Saint Louis	7.03 70	IaMb_Lg	Pn	01 05 26.8	
143A	Soc Landings	7.09 120	IaMb_Lg	Pn	01 05 38.4	
N23A	Red Feather La	7.17 310	Pn	Pn	01 03 28.8	+1.5
N23A	Red Feather La	7.17 310	Sb	Sg	01 05 23.7	-7.7
PARMO	Parma	7.18 86	Pn	Pn	01 03 28.1	+1.0
PVMO	Portageville	7.23 88	IaMb_Lg	Pn	01 05 43.2	
MNTX	Cornudas Mount	7.34 231	Pn	Pn	01 03 28.5	-0.9
MNTX	Cornudas Mount	7.34 231	Pn	Pn	01 03 29.0	-0.4
MNTX	Cornudas Mount	7.34 231	Pn	Pn	01 03 29.0	-0.4
ECSD	EROS Data Cent	7.39 12	P	Pn	01 03 29.4	-0.5
ECSD	EROS Data Cent	7.39 12	P	Pn	01 03 29.4	-0.5
ECSD	EROS Data Cent	7.39 12	P	Pn	01 03 29.4	-0.5
ECSD	EROS Data Cent	7.39 12	S	Sn	01 04 29.6	-1.9
N41A	Harden Midland	7.42 53	Pn	Pn	01 03 31.7	+1.3
LNXT	Lenox	7.42 90	Pn	Pn	01 03 31.2	+0.7
HALT	Halls	7.57 92	IaMb_Lg	Pn	01 03 32.9	+0.4
HALT	Halls	7.57 92	IaMb_Lg	Pn	01 05 48.8	
GLAT	Glass	7.57 89	Pn	Pn	01 03 33.2	+0.7
HICK	Hickman	7.61 87	Pn	Pn	01 03 34.2	+1.2
S44A	Carbondale	7.62 78	IaMb_Lg	Pn	01 03 34.3	+1.2
S44A	Carbondale	7.62 78	P	Pn	01 03 34.3	+1.2
K38A	Parkersburg	7.64 35	IaMb_Lg	Pn	01 03 34.7	+1.3
K38A	Parkersburg	7.64 35	IaMb_Lg	Pn	01 05 57.9	
SIUC	Southern Illin	7.65 78	IaMb_Lg	Pn	01 03 34.4	+0.8
SIUC	Southern Illin	7.65 78	IaMb_Lg	Pn	01 05 56.0	
735A	Kenedy	7.67 174	IaMb_Lg	Pn	01 06 04.5	
W45A	Hickory Valley	7.82 97	P	Pn	01 03 37.3	+1.4
W45A	Hickory Valley	7.82 97	P	Pn	01 03 37.3	+1.4
P43A	Skaggs, Pawnee	7.87 64	Pn	Pn	01 03 38.1	+1.5
P43A	Skaggs, Pawnee	7.87 64	P	Pn	01 03 37.7	+1.2
MVCO	Mesa Verde	7.91 278	IaMb_Lg	Pn	01 06 08.0	
MVCO	Mesa Verde	7.91 278	P	Pn	01 03 39.4	+2.0
MVCO	Mesa Verde	7.91 278	Sb	Sg	01 05 45.7	-9.2
UTMT	University of	7.91 88	Pn	Pn	01 03 38.6	+1.5
Y45A	Yeager Farm, C	7.93 107	IaMb_Lg	Pn	01 03 38.2	+0.9
Y45A	Yeager Farm, C	7.93 107	IaMb_Lg	Pn	01 06 15.8	
SUSD	Miller	7.93 359	IaMb_Lg	Pn	01 03 37.8	+0.4
SUSD	Miller	7.93 359	IaMb_Lg	Pn	01 06 14.6	
SUSD	Miller	7.93 359	P	Pn	01 03 38.2	+0.7

Table with columns: ULM, Lac du Bonnet, 13.88, 8, Pn, Pn, 01 04 54.8 -4.1, comp=N,80nm,0.1s, IAML, 01 12 22.5, etc.

IDC 06 01:11:05.0-6.9, 3.22S-142.37E, h110km,48km, mb3.0/4, mb1 2.9/3, mb1mx3.0/36, mbtmp3.2/3, Error ellipse: s-maj=86.9km s-min=27.1km az=78.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Winter Ranch, Salt Plains WL, etc.

Table with columns: KAN01, comp=N,80nm,0.1s, IAML, 01 12 22.5, etc. Includes stations like Caldwell North, Liberty Lake, etc.

IDC 06 01:12:39.0-6.6, 25.51S; 179.47E, h542km,64km, mb3.0/4, mb1 3.2/5, mb1mx3.0/36, mbtmp4.0/5, Error ellipse: s-maj=110.0km s-min=35.9km az=155.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Mont Dumac, Stephens Creek, etc.

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

IDC 06 01:36:51.1±1.6, 18.75N-67.45W, h0km, mb4.0/5, mb1 4.2/6, mb1mx3.7/34, mbtmp4.1/6, ML4.2/1, MS3.4/2, Ms1 3.4/2, ms1mx3.2/44, Error ellipse: s-maj=40.9km s-min=32.8km az=25.0

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

DJA 06 01:53:09.8-1.4, 9°S; 3°11'E, h21km,13km, M4.4/8, mb4.6/1, MLV4.2/8

6d 3h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Z38A Mt. Pleasant, S39A Bolivar, MIAR Mount Ida, etc.

ISC 06 03:14:22.3±0.8, 0°18N-23°14W, h0km, mb4.0/10, mb1.4/2.11, mb1mx3.9/6b, mbtmp4.0/11, ML3.5/1, Error ellipse: s-maj=34.5km s-min=17.9km az=154.0

NEIC 06 03:14:24.9±1.9, 0°2N-0.1°E, 23°11W±0.06, h10km, 1km, mb4.1/2, Error ellipse: s-maj=22.2km s-min=9.1km az=164.0

ISC 06 03:14:24.0±0.6, 0°3N-0.1°E, 23°13W±0.09, h10km, n30, α076/23, mb4.0/10, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like H10N3 ASCENSION HYDR1, H10N2 ASCENSION HYDR1, etc.

JMA 06 03:19:57.2±0.2, 31°26N-128°70E, h11km, 2km, M4.2
NIED 06 03:19:57.2, 31°26N-128°70E, h11km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; M1=0.46; M2=0.18; M3=0.64; M4=0.18; M5=1.42; M6=1.14; Fault plane solution: M1: 91000x10^15 NP1: φ=177.0000°, δ=1.00000°, λ=140.0000°. NP2: φ=79.0000°, δ=0.50000°, λ=12.0000°

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JSJ Shimokoshiki, JSU Fukue jima 2, JSU Suzuyama, etc.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KLR comp=Z,118nm,18.6s, bsz=144,slow=35, KLF 18.06 P, etc.

BGR 06 03:21:41.0±0.9, 42°22N-15°25E, h10km, ML4.5, Error ellipse: s-maj=21.1km s-min=12.2km az=45.0
IDC 06 03:21:41.4±0.8, 42°53N-15°33E, h0km, mb3.9/10, mb1.3/9.18, mb1mx3.7/6.3, mbtmp3.8/18, ML3.3/8, MS3.5/1, Ms1.3/5.1, ms1mx2.8/5.4, Error ellipse: s-maj=17.1km s-min=14.2km az=58.0
LDG 06 03:21:41.9±0.2, 42°45N-14°09E, h10km, M4.0/20, Error ellipse: s-maj=5.2km s-min=3.7km az=24.0
ROM 06 03:21:41.8±0.1, 42°40N-0°00E, 15°25E±0°009, h14km±1km, ML3.3/9/12, Error ellipse: s-maj=0.7km s-min=0.6km az=213.0
PDG 06 03:21:42.0±0.6, 42°33N-15°08E, h19km, 1km, MD4.1/5, ML4.1/13, Error ellipse: s-maj=1.2km s-min=1.4km az=0.0
NEIC 06 03:21:43.4±1.4, 42°38N-0°05E, 15°15E±0.06, h19km, 6km, mb4.1/5, ML4.1(VIE), ML4.0(ROM), Error ellipse: s-maj=7.7km s-min=6.8km az=198.0
PRU 06 03:21:45.1±0.0, 42°64N-15°21E, h0km, M4.1
ISC 06 03:21:45.1±0.1, 0°42N-0°02E, 15°24E±0.02, h9km, 7km, n439, α160/496, mb4.0/11, 22C-31D, Adriatic Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TREM Isole Tremiti, FRES Fresagrandinar, FRES Fres, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SACR comp=N, 3725um, 0.6s, T0110 Collepietro, T0110, etc.

6d 3h

BULG	comp=E,339µm,1.6s	AML	AML		
TREB	comp=N,621µm,0.8s	ePn	Pn	03 33 31.0 0.0	
PARC	2.42 82 P	Pn	Pn	03 33 33.7 +2.3	
PARC	2.44 30 P	AML	AML		
CPGN	comp=N,880µm,0.7s	AML	AML		
CPGN	comp=E,945µm,1.3s	P	Pn	03 33 34.1 +2.3	
CPGN	comp=N,1183µm,0.9s	AML	AML		
CPGN	comp=E,1536µm,0.8s	AML	AML		
CPGN	comp=N,1175µm,0.7s	AML	AML		
CPGN	comp=E,1565µm,0.9s	AML	AML		
MGRS	2.47 35 ePn	Pn	Pn	03 33 34.4 +2.7	
CAFI	2.48 293 P	Pn	Pn	03 33 34.2 +2.3	
CAFI	comp=E,404µm,1.0s	AML	AML		
CAFI	comp=N,666µm,1.1s	AML	AML		
HCY	2.51 88 ePn	Pn	Pn	03 33 32.6 +0.3	
HCY	2.51 88 ePn	Pn	Pn	03 33 32.7 +0.4	
HCY	2.51 88 ePn	Pn	Pn	03 34 03.7 +1.1	
HCY	2.51 88 ePn	Pn	Pn	03 33 38.8 +0.8	
HCY	2.51 88 ePn	Pn	Pn	03 33 35.8 +2.0	
BRV	2.58 78 ePn	Pn	Pn		
CRE	2.61 299 P	AML	AML		
CRE	comp=N,392µm,1.0s	AML	AML		
CRE	comp=E,482µm,0.8s	AML	AML		
SALB	2.70 159 P	Pn	Pn	03 33 35.0 0.0	
SALB	comp=E,238µm,1.0s	AML	AML		
SALB	comp=N,254µm,1.0s	AML	AML		
MESG	2.75 131 P	Pn	Pn	03 33 35.0 -0.6	
BLY	2.78 32 ePn	Pn	Pn	03 33 37.9 +1.9	
BLY	2.78 32 P	Pn	Pn	03 33 38.0 +1.9	
ASQU	2.79 301 P	AML	AML	03 33 38.7 +2.5	
ASQU	comp=N,546µm,0.8s	AML	AML		
ASQU	comp=E,376µm,0.7s	AML	AML		
BUM	2.81 91 ePn	Pn	Pn	03 33 37.0 +0.5	
BUM	2.82 24 ePn	Pn	Pn	03 34 10.7 +0.6	
PRU	2.82 24 ePn	Pn	Pn	03 33 40.4 +1.6	
CEME	2.82 86 ePn	Pn	Pn	03 33 37.0 +0.4	
CEME	2.82 86 ePn	Pn	Pn	03 34 11.2 +0.7	
NKME	2.86 82 ePn	Pn	Pn	03 33 37.8 +0.6	
NKME	2.86 82 ePn	Pn	Pn	03 34 12.5 +1.1	
NKY	2.90 81 ePn	Pn	Pn	03 33 38.9 +1.2	
NKY	2.90 81 ePn	Pn	Pn	03 34 13.1 +0.7	
UPM	2.91 73 ePn	Pn	Pn	03 33 40.1 +2.2	
UPM	2.91 73 ePn	Pn	Pn	03 33 38.4 +0.5	
UPM	2.91 73 ePn	Pn	Pn	03 34 13.7 +1.0	
UPM	2.91 73 ePn	Pn	Pn	03 33 39.5 +1.3	
MAON	2.94 272 P	AML	AML		
MAON	comp=E,260µm,0.6s	AML	AML		
MAON	comp=N,99µm,1.3s	AML	AML		
RIY	2.95 351 ePn	Pn	Pn	03 33 40.5 +2.3	
LMD	2.99 305 P	Pn	Pn	03 33 41.2 +2.3	
LMD	comp=N,315µm,1.5s	AML	AML		
LMD	comp=E,327µm,0.9s	AML	AML		
DRME	3.03 93 ePn	Pn	Pn	03 33 39.4 -0.1	
DRME	3.03 93 ePn	Pn	Pn	03 33 40.2 +0.7	
DRME	3.03 93 ePn	Pn	Pn	03 34 15.9 +0.3	
DRME	3.07 88 ePn	Pn	Pn	03 33 40.8 +0.8	
PDG	3.07 88 ePn	Pn	Pn	03 33 40.3 +0.3	
PDG	3.07 88 ePn	Pn	Pn	03 33 40.8 +0.8	
TTG	3.07 88 ePn	Pn	Pn	03 33 40.7 +0.8	
TTG	3.07 88 ePn	Pn	Pn	03 34 16.8 +0.3	
BOJS	3.09 2 ePn	Pn	Pn	03 33 43.4 +3.2	
BOJS	comp=N,886µm,0.9s	AML	AML		
BOJS	comp=E,1455µm,1.2s	AML	AML		
ULC	3.11 97 ePn	Pn	Pn	03 33 41.0 +0.5	
ULC	3.18 42 ePn	Pn	Pn	03 34 18.0 +0.6	
DOB	3.19 302 P	Pn	Pn	03 33 45.0 +3.3	
SEI	comp=N,448µm,0.8s	AML	AML		
SEI	comp=E,376µm,0.9s	AML	AML		
PIPA	3.20 156 P	Pn	Pn	03 33 42.9 +1.1	
PZE	3.28 72 ePn	Pn	Pn	03 33 43.8 +0.8	
PLE	3.28 72 ePn	Pn	Pn	03 34 22.5 +0.7	
KOME	3.28 81 ePn	Pn	Pn	03 33 43.4 +0.4	
KROME	3.33 296 P	Pn	Pn	03 34 22.0 +0.2	
CRMI	3.33 296 P	AML	AML	03 33 45.7 +2.2	
CRMI	comp=E,140µm,1.2s	AML	AML		
CRMI	comp=N,176µm,1.6s	AML	AML		
RUDO	3.35 68 ePn	Pn	Pn	03 33 44.6 +0.8	
CEY	3.36 352 ePn	Pn	Pn	03 33 46.1 +2.1	
CRES	3.42 4 ePn	Pn	Pn	03 33 46.5 +1.7	
LADO	3.43 155 P	Pn	Pn	03 33 46.2 +1.2	
BBLs	3.46 64 ePn	Pn	Pn	03 33 55.8 -2.5	
BBLs	3.46 64 ePn	Pn	Pn	03 33 51.6 -1.5	
TIP	3.47 158 ePn	Pn	Pn	03 33 51.9 -1.2	
ZAG	3.47 10 ePn	Pn	Pn	03 33 45.2 -0.3	
IVA	3.56 81 ePn	Pn	Pn	03 33 47.5 +0.7	
IVA	3.56 81 ePn	Pn	Pn	03 34 29.2 +0.5	
PVY	3.59 85 ePn	Pn	Pn	03 33 49.0 +0.2	
PVY	3.59 85 ePn	Pn	Pn	03 34 29.8 +0.3	
PII	3.60 293 P	Pn	Pn	03 33 50.1 +2.8	
PII	comp=N,321µm,0.5s	AML	AML		
PII	comp=N,196µm,1.4s	AML	AML		
LJU	3.65 354 ePn	Pn	Pn	03 33 49.7 +1.7	
LJU	3.65 354 P	Pn	Pn	03 33 50.3 +2.3	
LJU	comp=E,2560µm,0.9s	AML	AML		
LJU	comp=N,2060µm,0.8s	AML	AML		
SJES	3.68 75 ePn	Pn	Pn	03 33 52.6 +4.2	
TIR	3.71 105 ePn	Pn	Pn	03 33 48.5 -0.3	
TIR	3.71 105 P	Pn	Pn	03 33 49.0 +0.2	
SABO	3.73 344 P	Pn	Pn	03 33 50.2 +1.2	
TEOL	3.85 321 P	Pn	Pn	03 33 50.9 +0.2	
TEKS	3.86 55 ePn	Pn	Pn	03 34 00.2 +0.4	
IVAS	3.88 71 ePn	Pn	Pn	03 33 51.7 +0.5	
DIVS	3.95 63 ePn	Pn	Pn	03 33 54.0 +1.9	
DIVS	3.95 63 ePn	Pn	Pn	03 33 57.6 +3.7	
OBKA	4.12 355 Pn	Pn	Pn	03 33 55.7 +1.3	
OBKA	comp=N,1.9nm,0.1s,SNR=15	eSn	Sn	03 34 46.0 +3.6	
VARN	4.18 330 P	Pn	Pn	03 33 55.5 +0.2	
VARN	comp=N,58nm,0.6s	AML	AML		
VARN	comp=N,490µm,0.5s	AML	AML		
VARN	comp=E,1115µm,0.6s	AML	AML		
PTCC	4.18 343 P	Pn	Pn	03 33 56.3 +1.0	
CGRP	4.20 327 P	Pn	Pn	03 33 55.8 +0.1	
CGRP	comp=E,316µm,0.5s	AML	AML		
CGRP	comp=N,347µm,0.5s	AML	AML		
STAL	4.21 337 P	Pn	Pn	03 33 55.8 +0.1	
KOVH	4.26 29 ePn	Pn	Pn	03 33 56.3 +0.1	
KOVH	4.26 29 ePn	Pg	Pg	03 34 12.1 -1.3	
KOVH	4.26 29 ePn	Pn	Pn	03 34 45.1 -0.7	
SOKA	4.26 29 ePn	Pn	Pn	03 33 57.6 +1.1	
SOKA	comp=N,2.1nm,0.4s,SNR=9.5	eSn	Sn	03 34 48.5 +2.5	
TRUS	4.27 63 ePn	Pn	Pn	03 34 00.9 +4.4	
ACOM	4.29 345 P	Pn	Pn	03 33 58.5 +1.6	
ACOM	comp=N,336µm,0.7s	AML	AML		
ACOM	comp=N,305µm,0.9s	AML	AML		
CIMO	4.34 335 P	Pn	Pn	03 33 57.5 0.0	
CIMO	comp=E,97µm,1.5s	AML	AML		

2015 DEC

CIMO	comp=N,108µm,0.5s	AML	AML		
MYKA	4.34 347 ePn	Pn	Pn	03 34 01.6 +4.0	
MYKA	comp=N,3.4nm,0.5s	eSn	Sb	03 35 00.3 0.0	
ROVR	4.35 319 P	Pn	Pn	03 33 57.9 +0.2	
GRUS	4.36 68 ePn	Pn	Pn	03 34 06.4 -1.9	
FRGS	4.37 50 ePn	Pn	Pn	03 34 01.5 +3.6	
FRGS	4.37 50 ePn	Pn	Pn	03 34 03.9 +0.7	
CTI	4.40 327 P	Pn	Pn	03 33 58.8 +0.4	
CTI	comp=E,648µm,0.6s	AML	AML		
CTI	comp=N,649µm,0.6s	AML	AML		
OHR	4.45 105 iPn	Pn	Pn	03 34 00.4 +1.4	
DOSS	4.47 322 P	Pn	Pn	03 33 59.7 +0.4	
DOSS	comp=E,338µm,0.6s	AML	AML		
DOSS	comp=N,316µm,0.5s	AML	AML		
DOSS	comp=N,322µm,0.5s	AML	AML		
DOSS	comp=E,350µm,0.6s	AML	AML		
SRN	4.48 123 P	Pn	Pn	03 33 59.3 -0.1	
SELS	4.50 78 ePn	Pn	Pn	03 34 01.3 +1.7	
PGF	4.52 274 ePn	Pn	Pn	03 33 59.7 -0.3	
PGF	4.52 274 ePn	Pn	Pn	03 34 50.4 -1.9	
MORH	4.57 33 ePn	Pn	Pn	03 34 03.2 +2.6	
MAGA	4.66 318 P	Pn	Pn	03 34 01.9 0.0	
ABTA	4.71 338 ePn	Pn	Pn	03 34 04.1 +1.5	
ABTA	comp=E,0.6nm,0.2s	eSn	Sn	03 34 56.9 -0.2	
BOB	4.74 302 P	Pn	Pn	03 34 05.6 +2.7	
BOB	comp=E,34nm,0.6s	AML	AML		
BOB	comp=N,238µm,1.0s	AML	AML		
BOB	comp=E,296µm,1.3s	AML	AML		
KBA	4.83 346 ePn	Pn	Pn	03 34 08.9 +4.6	
KBA	comp=N,2.3nm,0.4s	eSn	Sn	03 35 01.0 +0.9	
ARSA	4.85 3 Pn	Pn	Pn	03 34 05.4 +1.0	
ARSA	comp=E,2.5nm,0.5s,SNR=5.4	eSn	Sn	03 35 02.2 +2.0	
MABI	4.91 319 P	Pn	Pn	03 34 06.0 +0.5	
MABI	comp=E,100µm,0.5s	AML	AML		
MABI	comp=N,220µm,0.4s	AML	AML		
BARS	4.97 83 ePn	Pn	Pn	03 34 07.4 +1.3	
BOVS	4.99 74 ePn	Pn	Pn	03 34 13.2 -5.8	
RISI	5.02 336 P	Pn	Pn	03 34 08.3 +1.3	
IMPL	5.05 19 ePn	Pn	Pn	03 34 08.0 +0.7	
ABSI	5.09 329 P	Pn	Pn	03 34 08.8 +0.9	
PRVS	5.16 87 ePn	Pn	Pn	03 34 10.1 +1.4	
EGYH	5.25 17 ePn	Pn	Pn	03 34 10.8 +0.9	
STIP	5.32 95 iPn	Pn	Pn	03 34 14.0 +3.1	
MDRV	5.35 62 iPn	Pn	Pn	03 34 19.3 -5.8	
SOP	5.37 11 ePn	Pn	Pn	03 34 02.6 -8.9	
SOP	5.37 11 ePn	Pn	Pn	03 34 20.7 -4.8	
ZAGS	5.40 73 ePn	Pn	Pn	03 34 11.2 -0.8	
WTTA	5.44 334 ePn	Pn	Pn	03 34 14.8 +2.1	
WTTA	comp=N,1.3nm,0.3s	eSn	Sn	03 35 18.9 +3.7	
BOSS	5.46 87 ePn	Pn	Pn	03 33 14.3 +1.5	
MOA	5.47 354 Pn	Pn	Pn	03 34 14.9 +2.0	
MOA	comp=N,1.0nm,0.2s,SNR=9.4	eSn	Sn	03 35 16.9 +1.2	
WATA	5.52 334 Pn	Pn	Pn	03 34 15.9 +2.1	
WATA	comp=N,3.1nm,0.6s	eSn	Sn	03 35 19.4 +2.2	
WATA	comp=N,4.3nm,0.3s,SNR=10	eSn	Sn	03 35 19.4 +2.2	
CONA	5.54 5 Pn	Pn	Pn	03 34 15.5 +1.5	
CONA	comp=N,3.2nm,0.5s,SNR=8.4	eSn	Sn	03 35 18.2 +0.7	
CONA	comp=N,9.1nm,0.6s	eSn	Sn	03 35 16.1 +1.9	

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like NAX, GNI, GNI, SIRT, CUKT, etc.

MOS 06 03:44:53.5:0.0,42.10N:45.21E, h10km, MPV3.9
NORS 06 03:44:53.2:0.0,42.07N:45.16E, h10km, MPV4.0
ISK 06 03:44:54.1,42.51N:45.13E, h57km,2km, ML2.9/5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like BTNK, BTNK, BTNK, BTNK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like ZKTA, ZKTA, ZKTA, ZKTA, etc.

QBL 06 03:44:54.4:1.1,42.09N:0.01:45.16E:0.01, h2km,9gkm, n99, r135/187, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like XNQ, SHA1, SHA1, SHA1, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like MNK, MNK, MNK, MNK, etc.

ROM 06 03:56:20.9:0.2,42.30N:0.01:15.07E:0.01, h10km, ML2.8/4, Error ellipse: s-maj=1.7km s-min=0.7km az=30.0

ISC 06 03:56:19.0:0.9,42.37N:0.04:15.13E:0.04, h10km, n42, r1946/40, Adriatic Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like CAFR, CIGN, TRIV, SGRT, SGRT, etc.

Table with columns: ICAO, Name, Altitude, Category, Status, Frequency, Offset, etc. Includes entries for Kota Tinggi, Nanjing, Wuhan, Vladivostok, Papeete, etc.

Table with columns: ICAO, Name, Altitude, Category, Status, Frequency, Offset, etc. Includes entries for Songino Array, Songino Array, Vanda, Vanda, Lhasa, etc.

Table with columns: ICAO, Name, Altitude, Category, Status, Frequency, Offset, etc. Includes entries for Port Fidalgo, Bear Paw Mtn., Bear Paw Mtn., Cordova Ski Ar, etc.

TWC	Suao	0.46 352	P	Pb	04 42 59.4	-0.2	YOJ	Yonaguni jima	1.04 72	Pn	04 43 08.8	-0.3	CHN8	baz=238	eS	Sb	04 43 44.4	+1.1		
TWC	baz=359		S	Sn	04 43 07.1	-1.5	TWS1	Kuangyinshan	1.05 334	eP	Pb	04 43 10.0	+0.4	ECL	Taimai	1.78 210	eP	Pn	04 43 18.2	-1.1
NDS	Dongshan	0.52 339	iP	Pb	04 43 00.6	0.0	NCU	National Centr	1.05 321	eP	Sb	04 43 09.4	-0.2	SSD	Sandimen	1.83 221	eP	Pb	04 43 22.2	-0.6
NDS	baz=341		eS	Sb	04 43 07.5	-0.2	NCU	baz=320		eS	Pn	04 43 25.1	+1.9	TSMG	Majia	1.85 219	eP	Pb	04 43 22.1	-1.9
ESL	Shilin	0.56 233	iP	Pb	04 43 00.9	-0.4	NCUH	Zhongli	1.05 321	eP	Pb	04 43 09.5	-0.2	TSMG	baz=199		eS	Sb	04 43 47.4	+1.4
ESL	baz=230		eS	Sn	04 43 10.0	-0.9	NCUH	baz=319		eS	Sn	04 43 25.8	+2.6	TW1	Shoushan	1.91 226	eP	Pn	04 43 22.2	+1.2
NNSB	Datong	0.56 300	iP	Pb	04 43 01.1	-0.4	SBCB	Hsinchu	1.07 307	P	Pb	04 43 10.2	+0.4	JKRS	Kuro-shima	1.91 87	P	Pn	04 43 21.9	+0.9
NNSB	baz=289		S	Sb	04 43 08.9	-0.3	SBCB	baz=304		eS	Sn	04 43 24.7	+1.2	JKRS	baz=199		eS	Sn	04 43 44.3	0.0
NNS	Nan Shan	0.58 300	iP	Pb	04 43 01.3	-0.4	TWQ1	Liyutan	1.07 281	P	Pb	04 43 10.8	+1.0	MASBT	Mashibuluo	1.94 218	eP	Pn	04 43 21.8	+0.4
NNS	baz=290		S	Sn	04 43 09.8	-1.9	TWQ1	baz=276		eS	Sn	04 43 25.2	+1.7	EAST	Anshuo	2.02 209	eP	Pn	04 43 22.6	0.0
NDT	Datong Townshi	0.58 321	P	Pb	04 43 01.5	-0.2	HSN	Hsinchu	1.08 307	P	Pb	04 43 10.2	0.0	TAW	Tawu	2.02 208	eP	Pb	04 43 24.4	-1.7
NDT	baz=314		eS	Sn	04 43 09.8	-1.8	HSN	baz=308		eS	Sn	04 43 24.6	+0.6	JIJ	Ishigaki jima	2.04 84	P	Pn	04 43 22.9	+0.1
ENTT	Nioudou	0.59 327	P	Pb	04 43 01.4	-0.3	NSY	Sanyi	1.09 284	P	Pb	04 43 11.2	+1.0	SSPT	Xinbi	2.07 217	eP	Pn	04 43 25.8	-1.2
ENTT	baz=319		S	Sn	04 43 10.4	-1.3	NSY	baz=279		eS	Sn	04 43 25.7	+1.6	LAY	Lan-yu	2.13 189	eP	Pn	04 43 23.4	-0.7
WHF	Hehuan Shan	0.60 270	iP	Pb	04 43 01.9	-0.3	ANP	Anpu	1.09 341	eP	Pn	04 43 08.1	-1.9	SCZT	Fangliu	2.14 214	eP	Pb	04 43 26.5	-1.6
WHF	baz=265		S	Sb	04 43 10.2	-0.2	NTST	Danzhui	1.10 337	eP	Pb	04 43 09.5	-0.9	SLIU	Shizi	2.18 208	eP	Pn	04 43 26.2	+1.3
TWE	Neicheng	0.61 338	iP	Pn	04 43 02.1	-1.1	NTST	baz=338		eS	Sn	04 43 25.8	+1.6	JISG	Ishigakijimahi	2.22 78	P	Pn	04 43 25.1	-0.3
TWE	baz=340		S	Sn	04 43 11.2	-1.1	NMLH	Miaoili	1.10 291	eP	Pb	04 43 11.2	+0.7	JISG	baz=195		eS	Sn	04 43 51.2	-0.8
FUSS	Fushou	0.63 279	iP	S	04 43 02.5	-0.1	NMLH	baz=286		eS	Sn	04 43 25.6	+1.3	PHUB	P'eng-hu	2.24 254	eP	Pn	04 43 26.0	+0.4
FUSS	baz=276		S	Sb	04 43 10.8	-0.2	YUS	Yu-Shan	1.10 234	eP	Pn	04 43 10.2	-0.2	PNG	Penghu	2.24 255	eP	Pn	04 43 25.8	+0.1
ILA	Ilan	0.63 346	iP	Pn	04 43 02.8	-0.7	YUS	baz=228		eS	Sn	04 43 25.3	+0.2	WLCH	Litau	2.28 219	eP	Pb	04 43 31.2	+0.6
ILA	baz=348		S	Sn	04 43 12.8	0.0	FULB	Fuli	1.11 211	eP	Pn	04 43 10.0	0.0	TWK1	Hengchun	2.42 205	eP	Pn	04 43 29.9	+1.8
EGFH	Guangfu	0.66 223	P	Pb	04 43 03.0	0.0	TCU	Taichung	1.14 270	eP	Pb	04 43 12.0	+1.0	TWKBT	Hengchun	2.42 205	eP	Pn	04 43 28.3	+0.1
EGFH	baz=230		eS	Sn	04 43 13.1	-0.4	TCU	baz=265		S	Sb	04 43 28.0	+2.6	VCHM	Qimei	2.47 248	eP	Pn	04 43 29.1	+0.3
CHGB	Renai	0.69 263	iP	Pb	04 43 03.4	-0.2	WJS	Zhuanan	1.14 254	eP	Pb	04 43 11.5	+0.4	JTJ	Tarama	2.58 79	P	Sn	04 43 31.0	+0.7
CHGB	baz=250		eS	Sb	04 43 12.7	0.0	WJS	baz=246		eS	Sn	04 43 27.2	+1.8	JTJ	baz=230		S	Sn	04 44 02.6	+1.7
TWT	Tachien	0.69 279	iP	Pn	04 43 03.6	-0.8	TWY	Chentua	1.16 345	eP	Pb	04 43 11.5	0.0	MATB	Ma-tsu	2.68 318	eP	Pn	04 43 30.4	-1.2
TWT	baz=274		eS	Sn	04 43 13.0	-1.4	TWY	baz=347		eS	Sb	04 43 28.7	+2.7	PTMZ	Houxiangcun	2.70 290	eP	Pn	04 43 31.7	-0.2
EGS	baz=2.0		eS	Sn	04 43 15.2	+0.9	CHKT	Chengkung	1.16 206	eP	Pn	04 43 10.0	-0.7	LYJY	Jianjiangzhen	3.09 321	eP	Pn	04 43 35.8	-1.5
EGS	baz=2.0		eS	Sn	04 43 15.2	+0.9	WNT	Mingjian	1.16 257	P	Pb	04 43 11.9	+0.4	QZH	Quanzhou	3.13 285	P	Sn	04 43 37.4	-0.5
TDCB	Techi	0.70 279	iP	Pb	04 43 03.6	-0.2	WNT	baz=236		S	Sb	04 43 28.4	+2.2	QZH	comp=N,280nm,0.8s		smax	smax	04 44 09.7	-4.8
TDCB	baz=275		S	Sb	04 43 13.0	-0.1	WDJ	Dajia District	1.19 280	eP	Pb	04 43 12.0	+0.2	XPSS	Dashiqiu	3.18 331	eP	Pn	04 43 37.6	-0.9
NTC	Toucheng	0.71 353	iP	Pn	04 43 04.0	-0.5	WDJ	baz=275		eS	Sb	04 43 28.8	+2.0	KNM	Kimmen	3.19 275	eP	Pn	04 43 40.0	+1.3
NTC	baz=355		S	Sn	04 43 13.9	-0.7	ALS	Alisan	1.20 238	eP	Sb	04 43 12.0	-0.4	KNMB	Chin-men Tao	3.24 276	eP	Pn	04 43 38.6	-0.8
OWD	Renai	0.71 254	iP	Pb	04 43 03.7	-0.1	ALS	baz=221		eS	Sb	04 43 28.9	+1.3	KNMB	Chin-men Tao	3.24 276	eP	Pn	04 43 39.1	-0.2
OWD	baz=249		eS	Sn	04 43 13.6	-1.2	WCHH	Zhanghua	1.25 267	eP	Pb	04 43 13.3	+0.4	MHZQ	Yeshan	3.26 307	eP	Pn	04 43 38.7	-0.9
YHNB	Yeheng	0.72 316	iP	Pb	04 43 03.6	-0.4	WCHH	baz=261		eS	Sb	04 43 30.3	+1.7	AXDP	Jialang	3.67 283	eP	Pn	04 43 44.9	-0.4
YHNB	baz=307		eS	Sn	04 43 13.3	-1.7	CHN5	Tsauling	1.26 244	eP	Pb	04 43 13.7	+0.4	ZPLA	Ao Xicun	3.82 268	eP	Pn	04 43 47.0	-0.3
YHNB	Yeheng	0.72 316	Pg	Pb	04 43 03.6	-0.4	ELDTW	Lidau	1.27 221	eP	Pn	04 43 11.9	-0.4	JOW	Kunigami	6.33 64	Pn	Pn	04 44 21.1	-0.8
NWLT	Wulai	0.73 329	eS	Sn	04 43 04.2	-0.7	EDH	Donghe	1.30 206	eP	Pn	04 43 12.7	0.0	WHN	Wuzhen	9.25 315	P	Pn	04 45 14.3	+1.2
NWLT	baz=320		eS	Sn	04 43 13.8	-1.6	EDH	baz=191		eS	Sn	04 43 28.0	-1.3	INCN	Inchon	13.89 16	Pn	Pn	04 46 04.4	-1.0
NSK	Sanguang	0.73 316	iP	Pb	04 43 03.8	-0.4	WDLH	Douliu	1.35 250	eP	Pb	04 43 15.5	+0.9	KSAR	Wonju Array Be	14.20 20	Pn	Pn	04 46 08.3	-1.3
NSK	baz=306		eS	Sb	04 43 13.4	-0.5	WDLH	baz=245		eS	Sb	04 43 33.7	+2.3	KSRK	Korea Array	14.22 20	Pn	Pn	04 46 10.8	+1.0
HGSD	Ruisui	0.80 215	P	Pn	04 43 05.9	+0.2	STYH	Taoyuan	1.43 227	P	Pn	04 43 15.0	+0.5	KSRK	0.2nm,0.3s,baz=207,slow=14,SNR=2.5		LR	LR	04 52 45.1	
HGSD	baz=211		eS	Sn	04 43 18.2	+1.4	STYH	baz=214		eS	Sb	04 43 34.2	+0.3	XAN	Xi'an	15.03 314	P	P	04 46 27.7	+1.6
VWDT	VWDT	0.81 241	P	Pb	04 43 05.3	-0.3	WRL	Guolierlin Hig	1.43 260	eP	Pb	04 43 15.7	-0.4	XAN	comp=Z,12nm,0.9s		pP	pmax	04 46 32.2	+1.1
VWDT	baz=238		eS	Sn	04 43 05.3	-0.3	WRL	baz=255		eS	Sb	04 43 35.7	-0.4	DCPH	Dipolog City	15.54 175l	eP	Pn	04 46 39.3	+7.5
TIPB	Shuangxi	0.82 354	iP	Pn	04 43 06.0	-0.2	LONT	Longtian	1.43 211	eP	Pn	04 43 13.6	-1.0	LZH	Lanzhou	19.61 312	eP	Pn	04 47 20.1	+1.8
TIPB	baz=3.0		S	Sn	04 43 17.7	+0.1	CHN4	Tsashan	1.45 237	P	Pn	04 43 14.9	+0.2	LZH	comp=Z,13nm,1.2s		pP	sp	04 47 24.9	+1.6
EHY	Hungye	0.84 221	eP	Pb	04 43 05.2	-0.9	CHN4	baz=221		eS	Sb	04 43 35.1	+0.6	LZH	Chiang Mai Arr	22.13 260	P	Iamb	04 47 48.7	
TWB1	Santiao Chiao	0.86 4	P	Pn	04 43 06.6	0.0	TPUB	Ta-pu	1.45 235	P	Pb	04 43 16.3	-0.2	CM31	comp=Z,8.9nm,1.1s		Iamb	Iamb	04 47 48.7	
TWB1	baz=7.0		eS	Sn	04 43 19.1	+0.7	TPUB	baz=219		S	Sb	04 43 35.5	+0.9	CMAR	Chiang Mai Arr	22.13 260	P	LR	04 47 44.3	+0.3
TWA	Mucha	0.88 340	eP	Pn	04 43 06.7	-0.2	TPUB	Ta-pu	1.45 235	P	Pb	04 43 16.3	-0.2	CMAR	comp=Z,2.0nm,0.7s,baz=60,slow=7.6,SNR=8.0		LR	LR	04 57 45.7	
TWA	baz=332		eS	Sn	04 43 18.0	-1.0	TPUB	baz=219		S	Sb	04 43 35.5	+0.9	GTA	comp=Z,58nm,18.6s,baz=134,slow=40		pP	pmax	04 48 04.5	+0.7
NHHD	Xindian Distri	0.89 336	eP	Pn	04 43 07.0	0.0	TPUB	Ta-pu	1.45 235	P	Pb	04 43 15.2	+0.4	GTA	comp=Z,1.0nm,0.5s,baz=196,slow=9.1,SNR=5.3		pP	pmax	04 48 16.4	+2.6
NHHD	baz=322		eS	Sn	04 43 17.9	-1.1	CHN2	Minshiang	1.46 245	eP	Pb	04 43 17.3	+0.2	GTA	comp=Z,6.1nm,1.0s		pP	pmax	04 48 19.6	+8.8
WHP	Taichung City	0.90 278	eP	Pn	04 43 07.3	0.0	WTK	Tuk	1.48 252	eP	Pb	04 43 16.6	-0.2	KLR	comp=Z,6.0nm,1.5s		pP	pmax	04 48 21.9	-0.8
WHP	baz=274		eS	Sn	04 43 19.4	-0.1	PCYT	Pengchayiu	1.48 5	eP	Pb	04 43 16.0	-0.9	ULN	Kulud	26.20 15	P	P	04 48 24.4	-0.8
TATO	Taipei	0.91 334	P	Pn	04 43 06.8	-0.5	WTP	Ta-pu	1.50 233	P	Pb	04 43 17.3	0.0	ULN	Ulanbaatar	26.45 337	P	Iamb	04 48 26.9	
NWF	Wu-fen Shan	0.93 352	iP	Pn	04 43 08.0	+0.4	WTP	baz=228		eS	Sb	04 43 38.0	+2.1	SONM	comp=Z,5.5nm,0.9s		Iamb	Iamb	04 48 26.2	-0.9
NWF	baz=347		eS	Sn	04 43 21.3	+1.1	CHY	Chiayi	1.52 245	P	Pb	04 43 17.5	0.0	SHL	Shillong	27.27 279	P	P	04 48 33.3	+0.5
WCS	Beigang Elemen	0.93 265	eP	Sb	04 43 19.8	-0.2	WCTC	Ta-ch'eng	1.53 260	eP	Pb	04 43 17.4	-0.3	SHL	comp=Z,6.1nm,1.0s		Iamb	Iamb	04 48 37.1	
WCS	baz=253		eS	Sn	04 43 19.8	-0.2	WCTC	baz=254		eS	Sb	04 43 38.0	+1.4	WMQ	Urumqi	34.16 314	eP	P	04 49 36.6	+3.2
YULB	Yu-li	0.95 217	eP	Pn	04 43 06.9	-0.9	LDUT	Ludao	1.53 196	eP	Pn	04 43 14.5	-1.3	MKAR	Makanchi Array	38.83 316	P	P	04 50 12.9	-0.2
YULB	baz=225		eS	Sb	04 43 19.6	-0.4	LDUT	baz=185		eS	Sn	04 43 32.4	-2.4	MKAR	Makanchi Array	38.83 316	P	P	04 50 14.6	-0.2
YULB	Yu-li	0.95 217	Pg	Pb	04 43 06.8	-1.1	TWGBT	Beinan	1.53 210	eP	Pn	04 43								

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OK025 Westminster Rd, OK029 Liberty Lake, OK034 Norfolk Rd, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, UCH Uchtor, EK2S Ekin-Say, etc.

TUL 06 04:52:51.9, 1.5, 35.85N, 0.02:96:65W, 0.004, h5km, 7km, ML2.9, mb_Lg2.7(NEIC), Error ellipse: s-maj=4.8km s-min=2.9km az=118.0

TUL 06 04:56:15.4, 0.9, 35.85N, 0.02:96:65W, 0.003, h5km, 7km, ML2.7, mb_Lg2.5(NEIC), Error ellipse: s-maj=3.6km s-min=1.8km az=117.0

IDC 06 05:03:14.5, 9.3, 36.26N, 70.48E, h198km, 89km, mb3.1/6, mb1.3/2/10, mb1mx2.9/62, mbtmp3.7/10, Error ellipse: s-maj=53.4km s-min=24.3km az=16.0

Table with columns: STATION, ELEVATION, MAGNITUDE, DISTANCE, etc. Includes stations like BACT New Taipei Cit, ANP Anpu, ETL Fush Village, etc.

Table with columns: STATION, ELEVATION, MAGNITUDE, DISTANCE, etc. Includes stations like SMLT Sun Moon Lake, SSSLB Suzunglung, TYC Yuchr, etc.

Table with columns: STATION, ELEVATION, MAGNITUDE, DISTANCE, etc. Includes stations like XPSS Dashiqiu, LYJY Jianjiangzhen, PTMZ Houxiangcun, etc.

NIED 06:05:08.51, 31.31N, 128.74E, h7km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 1014Nm; M1=0.92; M2=2.21; M3=1.33; M4=1.67; M5=2.59; M6=1.42; Fault plane solution: M=4.28000x10^14 NP1:phi=64.00000, deltaT:0.00000, lambda:-31.00000. NP2:phi=156.00000, deltaT:0.00000, lambda:-176.00000.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, etc. Includes stations like JSJ Shimokoshiki, JFU Fukue jima 2, JSU Suzuyama, etc.

NEIC 06:05:16.08, 4.1, 6.5, 14N, 0.08, 94.69E, 0.10, h49km, 8km, mb4.6/28, Error ellipse: s-maj=14.7km s-min=11.1km az=62.0. IDC 06:05:16.09, 1.3, 6.5, 27N, 94.72E, h60km, 33km, mb3.9/16, mb1.4/0.17, mb1mx3.7/61, mbtmp4.2/17, ML3.6/1, MS3.1/4, Ms1.3/2.4, ms1mx2.9/52, Error ellipse: s-maj=30.6km s-min=15.4km az=53.0.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, etc. Includes stations like LHMI Lhok Sumawe, GSI Gunungsitoli, PSI Prapat, etc.

Table with columns: MKAR, comp, P, P, 05 25 51.6 +0.4, etc. Includes entries like Makanchi Array, Makaz, Karatay Array, etc.

NEIC 06 05:28:11.7±1.3, 42°55'N, 05:15:22E±0.05, h26km±6km, mb4.4/11, ML3.9(ROM), Error ellipse: s-maj=7.3km...

Table with columns: Code, Station Name, Δ°, AZ°, Op, P, P, 05 28 23.5 -1.1, etc. Includes entries like Isole Tremiti, Fresagrandinar, Castel Frentan, etc.

Table with columns: LPEL, Lama dei Pelig, 0.72 247, P, Pn, 05 28 29.4 -0.3, etc. Includes entries like San Giovanni R, Monte S. Angelo, S. Croce Del S, etc.

Table with columns: MRB1, Monte Rocchet, 1.21 184, P, P, 05 28 37.7 -0.3, etc. Includes entries like Capodarco di F, Cerignola FG, Pietraquaria, etc.

6sd 5h

2015 DEC

252

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SPS2, SEI, DOB, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CIMO, AGOR, SELS, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MOA, WATA, SQTA, etc.

255

Table with columns: ANVS, Anan'yev, 1.97 339, P, Pb, 05 50 38.7, -0.9, etc. Includes stations like ANVS, SATY, UZB, ULHL, SHLS, TNS, PDGK, MDOK, KOTS, KNDC, AAA, KST, TKM, BLB, KBK, ARXS, UCH, KUU, DJR, KRBS.

2015 DEC

Table with columns: AAK, Ala-Archa, 3.53 300, P, Pn, 05 51 07.0, +0.8, etc. Includes stations like AAK, CHMS, USP, AML, EKS, KAPS, MRKS, BTLS, MKAR, MKAP, MKUR, BVAR, ZALV, SONM, IDC 06 05:54:43.2, IDC 06 05:54:44.1, IDC 06 06:08:48.5, IDC 06 06:16:30.9, IDC 06 06:25:42.8.

6d 6h

Table with columns: GTOI, Gorontalo, 4.91 194, P, P, 06 27 06.7, -1.4, etc. Includes stations like GTOI, MPSI, SANI, TTSI, SPST, KAPI, BKSI, WRA, CMAR, ASAR, STKA, SONM, MKAR, ZALV, KURBB, NRK, BRTR, ARCES, AKASG, FINES, HEL 06 06:49:13.4, HEL 06 06:50:19.9, HEL 06 06:50:20.1, HEL 06 06:50:19.4, HEL 06 06:08:48.5, HEL 06 06:16:30.9, HEL 06 06:25:42.8.

Table with columns: ZON, Zonda, Time, Res, etc. Includes stations like CO03, AC04, BOSB, etc.

Table with columns: MSAG, AML, AML, etc. Includes stations like MSAG, BSSO, MIDA, etc.

Table with columns: ARVD, Arcevia, Time, Res, etc. Includes stations like ARVD, SSFR, ATFO, etc.

ROM 06:08:54.35.0.0.1, 42.443N;0.007:15.31E;0.01, h10km, M2.7/32, Error ellipse: s-maj=1.0km s-min=0.6km az=234.0

LDG 06:08:54.35.4.0.3, 42.40N;15.33E, h17km, M2.9/16, Error ellipse: s-maj=8.2km s-min=3.7km az=59.0

ISC 06:08:54.36.8.1.0, 42.34N;15.03E;15.17E;0.02, h31km;12km, n82, c195/105, 1C, Adriatic Sea

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

Table with columns: NRCA, NRCA, etc. Includes stations like NRCA, CSPA, DUGI, etc.

NOU 06:10:12:47.2.30.55S;174.77W, h0km, mb4.9/24, Kermadec Islands Region

IDC 06:09:12:56.5.0.5, 30.05S;176.30W, h0km, mb4.5/16, Mb1 4.7/18, mb1mx4.6/34, mbtmp4.5/18, Mb6.2/1, MS3.7/16, Ms1 3.7/16, ms1mx3.6/26, Error ellipse: s-maj=18.5km s-min=15.1km az=25.0

GCMT 06:09:13:00.7.0.4, 29.92S;0.04:176.04W;0.03, h18km, 1km, MW4.8/73, Moment Tensor Solution, s22:c26; s73:c93; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.55; 18; Mw=0.78; 12; Mm=0.78; 11; Mm0.24; 36; Mw0.51; 07; Ms0.22; 26; Best double couple: M2: 29400; 1016; NP1=20.00000; 841.00000; lambda=94.00000; NP2=0.05.00000; 849.00000; lambda=87.00000; Principal axes: T 2.0130, P1g4.0000; Azm293.0000; N 0.5670, P1g2.0000; Azm23.0000; P -2.5750, P1g8.0000; Azm147.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 06:09:13:01.7.2.4, 30.06S;0.09:176.3W;0.1, h27km, 4km, mb4.7/33, Error ellipse: s-maj=14.9km s-min=12.7km az=60.0

ISC 06:09:13:01.8.0.3, 30.42S;0.02:176.39W;0.04, h35km, n244, c2803/256, mb4.8/37, MS3.8/16, 10C-4D, Kermadec Islands region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, FORT Forrest, etc.

IDC 06 09:20:42.3-1.2, 20:58S:66:65W, h230km, 17km, mb3.2/3, mb1 3.3/6, mb1mx3.1/26, mbmp3.7/6, Error ellipse: s-maj=29.6km s-min=13.5km az=100.0, c1544/38, 1C, Southern Bolivia

Main table for IDC 06 09:20:42.3-1.2, 20:58S:66:65W, h230km, 17km, mb3.2/3, mb1 3.3/6, mb1mx3.1/26, mbmp3.7/6, Error ellipse: s-maj=29.6km s-min=13.5km az=100.0, c1544/38, 1C, Southern Bolivia. Lists station codes and names like IPOC Station P, Limon Verde, etc.

NOU 06 09:33:30.0, 18:08S:169:01E, h221km, MLV4.1/13, Vanuatu Islands

ISC 06 09:33:33.0-1.7, 18:13S:007:168:3E:0:2, h200km, n11, c1879/11, mb3.8/3, Vanuatu Islands

Table for NOU 06 09:33:30.0, 18:08S:169:01E, h221km, MLV4.1/13, Vanuatu Islands. Lists station codes and names like RTV Rentapao, DVP Devils Point, etc.

JMA 06 09:56:53.9-0.2, 24:48N:122:91E, h102km, 2km, M2.5

TAP 06 09:56:54.7, 24:46N:122:89E, h93km, ML3.0, C.0

ISC 06 09:56:55.0-1.4, 24:47N:0:05:122:91E:0:03, h92km, 8km, n61, c0561/19, Taiwan region

Main table for JMA 06 09:56:53.9-0.2, 24:48N:122:91E, h102km, 2km, M2.5. Lists station codes and names like JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

Main table for 2015 DEC. Lists station codes and names like TWD baz=252, NDT Datong Townshi, JISG Ishigakijimahi, etc.

Main table for 2015 DEC. Lists station codes and names like baz=220, FRES Fresagradinar, CAGR Castel Frentan, etc.

6d 10h

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like PIGN, CAFE, RM33, LSTV, PAOL, etc.

2015 DEC

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like ARSA, CAPR, WTTA, MOA, WATA, etc.

260

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like SONM, SEY, TLY, CMAR, etc.

Technical notes and data for the 2015 DEC section, including coordinates and station identifiers like IDC 06 10:19:08.8, JMA 06 10:19:08.9, etc.

Technical notes and data for the 260 section, including coordinates and station identifiers like IDC 06 10:23:45.9, DJA 06 10:23:47.0, etc.

DMP	Don Marcelino,	6.27	5	J	P	Pn	10 25 24.6	+1.2
BNSI	Bone	6.58	230		P	Pn	10 25 28.5	+1.0
SPSI	Sidrap Palu	6.58	235		P	Pn	10 25 29.2	+1.6
BKSI	Bulukamba	7.18	225		P	Pn	10 25 37.9	+2.1
DAV	Davao City (W)	7.22	3	LR		LR	10 28 39.1	
KAPI	Kappan	7.24	20	1s	P	Pn	10 25 37.6	+1.0
KAPI	Kapi	3.2m,0.3s,baz=63,slo=71,SNR=6.7				Sn	10 26 55.4	-2.1
KAPI	Kapi	3.4m,0.3s,baz=150,slo=20,SNR=2.0				LR	10 29 11.9	
KAPI	Kapi	comp=Z,2.75nm,19.9s,baz=75,slo=46				Pn	10 25 38.2	+1.6
BSSI	Bau Bau, Buton	7.54	218		P	Pn	10 25 41.7	+0.9
FAK	Fak Fak	7.56	111		P	Pn	10 25 38.8	-2.3
SMKI	Samarinda	7.98	268		P	Pn	10 25 57.1	+1.0
MYLDM	Lahad Datu	8.54	309		P	Pn	10 25 55.4	+0.9
EDFI	Ende, Flores	9.19	202		P	Pn	10 26 15.6	+1.2
SOEI	Soe	9.55	185		P	Pn	10 26 08.0	-0.4
SOEI	Soe	9.55	185		P	Pn	10 26 10.7	+2.3
BATI	Baumata	10.07	189		Pn	Pn	10 26 14.7	-0.7
BATI	BATI	1.0m,0.3s,baz=80,slo=61,SNR=1.3				LR	10 31 01.1	
BATI	BATI	comp=Z,2.18nm,20.2s,baz=353,slo=43				LR	10 26 41.4	+1.5
BBKI	Banjar Baru	10.84	252		P	Pn	10 27 04.2	-0.2
MTN	Mannton Dam	13.89	155		Iamb	Iamb	10 27 10.4	-0.2
MTN	Mannton Dam	13.89	155		Iamb	Iamb	10 27 10.4	-0.2
MTN	Mannton Dam	13.89	155		Iamb	Iamb	10 27 10.4	-0.2
KNRA	Kununurra	15.79	167		Pn	Pn	10 27 31.9	-0.5
KNRA	KNRA	comp=Z,2.27nm,0.8s				Iamb	10 27 32.4	
KNRA	Kununurra	15.79	167		Pn	Pn	10 27 31.9	-0.5
FITZ	Fitzroy Crossi	16.70	179		P	Pn	10 27 56.0	-1.5
LEM	Lembang	18.72	249		LR	LR	10 36 13.4	
WBO	Warramunga Arr	21.45	156		P	P	10 28 36.7	-0.7
WBO	Warramunga Arr	21.45	156		P	P	10 28 52.0	
WRAB	Tennant Creek	21.58	156		P	P	10 28 40.5	+1.7
WRA	Warramunga Arr	21.58	156		P	P	10 28 37.1	-1.7
WRA	Warramunga Arr	21.58	156		P	P	10 28 41.3	+2.5
WB2	Warramunga Arr	21.58	156		P	P	10 28 40.3	+1.4
WR0	Warramunga Arr	21.58	156		P	P	10 28 39.4	-0.5
COEN	Coen	22.46	128		P	P	10 28 49.4	+1.1
COEN	COEN	comp=Z,1.13nm,0.9s				Iamb	10 28 53.9	
GUMO	Guam	23.83	54		LR	LR	10 36 56.1	
AS31	Alice Springs	24.82	161		P	P	10 29 11.4	+0.5
ASAR	Alice Springs	24.83	161		P	P	10 29 10.4	-0.5
ASAR	ASAR	comp=Z,5.2nm,1.0s,baz=344,slo=11,SNR=25				PcP	10 32 46.4	+0.1
ASAR	ASAR	comp=Z,0.5nm,0.6s,baz=355,slo=2.0,SNR=4.6				PcP	10 29 10.7	-0.1
ASR	Alice Springs	24.83	161		P	P	10 29 10.9	-1.4
YHNB	Yathong	26.42	277		LR	LR	10 39 28.0	
PSI	Prapat	26.42	277		LR	LR	10 39 28.0	
CMAR	Chiang Mai Arr	31.75	307		P	P	10 30 12.3	-0.4
CMAR	Chiang Mai Arr	31.75	307		P	P	10 30 04.3	+0.9
CMAR	Chiang Mai Arr	31.75	307		P	P	10 30 11.6	-1.1
NJ2	Nanjing	32.62	350		eP	eP	10 30 21.6	+1.5
NJ2	NJ2	comp=Z,7.0nm,0.5s				pmax	10 30 42.2	+0.2
STKA	Stephens Creek	35.13	155		P	P	10 30 42.4	+0.4
STKA	Stephens Creek	35.13	155		P	P	10 30 53.5	-0.6
JWT	Wachi	36.51	137		pP	pP	10 31 00.8	-0.2
XAN	Xian	37.31	33		pP	pP	10 31 11.9	-1.5
XAN	XAN	comp=Z,1.13nm,0.9s				pmax	10 31 01.9	-0.5
KSR5	Korea Arr	37.54	4		P	P	10 31 01.9	-0.5
KSR5	KSR5	comp=Z,2.8nm,0.9s,baz=182,slo=10.0,SNR=13				PcP	10 33 20.4	+0.8
KSR5	KSR5	comp=Z,0.6nm,0.5s,baz=176,slo=2.9,SNR=4.5				LR	10 46 09.9	
KSR5	KSR5	comp=Z,5.1nm,21.0s,baz=328,slo=5.6				LR	10 31 09.8	-0.7
MJAR	Matsushiro Arr	38.49	17		P	P	10 31 09.8	-0.7
MJAR	Matsushiro	38.49	17		P	P	10 31 09.8	-0.7
ARMA	Armidale	39.19	142		Iamb	Iamb	10 31 17.4	+0.9
ARMA	ARMA	comp=Z,1.15nm,1.5s				Iamb	10 31 28.4	+1.2
JMM	Marumori	40.51	19		P	P	10 31 29.3	
JMM	JMM	comp=Z,1.8nm,0.7s				Iamb	10 31 48.0	+2.9
HHC	Hu-ho-hao-te	42.68	345		eP	eP	10 31 48.0	+2.9
HHC	HHC	comp=Z,1.8nm,0.6s				pmax	10 31 48.0	+2.9
HHC	HHC	comp=Z,1.50nm,5.7s				pmax	10 32 00.9	+0.5
USA0B	Ussuriysk Arra	44.61	7		P	P	10 32 00.9	+0.5
USA0B	USA0B	comp=Z,1.9nm,1.1s				Iamb	10 32 04.1	
USRK	Ussuriysk Arr	44.61	7		P	P	10 32 00.2	-0.2
USRK	USRK	comp=Z,5.7nm,0.7s,baz=184,slo=8.5,SNR=13				P	10 32 00.5	+0.1
USRK	Ussuriysk Arr	44.61	7		P	P	10 32 11.4	+1.3
GTA	Gaotai	45.74	332		pP	pP	10 32 19.1	-3.8
GTA	GTA	comp=Z,9.0nm,0.8s				pmax	10 32 23.5	-3.0
GTA	GTA	comp=Z,9.0nm,0.8s				pmax	10 32 11.5	+0.4
RAMN	Ramite	45.87	309		eP	eP	10 32 18.2	+0.7
ASAJ	Asahikawa	46.77	17		P	P	10 32 18.8	-0.4
ASAJ	ASAJ	comp=Z,2.2nm,1.2s,baz=130,slo=5.4,SNR=6.0				P	10 32 20.2	-0.6
GUN	Guro	46.90	310		P	P	10 32 20.2	-0.6
GUN	GUN	comp=Z,1.9nm,0.6s				P	10 32 31.2	-1.1
PKI	Pulchoki	47.10	309		eP	eP	10 32 32.1	-1.4
PKI	PKI	comp=Z,4.0nm,0.4s				P	10 32 36.1	-1.0
KOLN	Koldanda	48.60	308		eP	eP	10 32 38.0	-0.2
KOLN	KOLN	comp=Z,3.5nm,0.7s				P	10 32 32.1	-1.4
DANN	Dangsing	48.75	309		eP	eP	10 32 36.1	-1.0
DANN	DANN	comp=Z,4.4nm,0.6s				P	10 32 38.0	-0.2
PYUN	Pyuthan	49.23	308		eP	eP	10 32 36.1	-1.0
KLR	Kul'dur	49.55	6		P	P	10 32 38.0	-0.2
KLR	KLR	comp=Z,4.3nm,0.7s,baz=211,slo=6.6,SNR=13				P	10 32 45.8	-0.8
SONM	Songino Array	50.55	344		P	P	10 32 45.8	-0.8
SONM	SONM	comp=Z,3.6nm,0.7s,baz=157,slo=8.7,SNR=15				LR	10 54 53.6	
SONM	Songino Array	50.55	344		P	P	10 32 47.0	+0.3
SONM	SONM	comp=Z,3.7nm,0.8s				Iamb	10 32 49.5	
WMQ	Urumqi	55.10	328		eP	eP	10 33 23.0	+2.7
PEA0B	Petrovlovsk-	59.62	22		P	P	10 33 53.0	+1.2
PETK	Petrovlovsk-	59.62	22		P	P	10 33 52.2	+0.4
PETK	PETK	comp=Z,3.8nm,0.8s,baz=130,slo=5.7,SNR=11				P	10 33 53.0	+1.1
PETK	Petrovlovsk-	59.62	22		P	P	10 33 55.6	+2.2
KSH	Kashi	59.78	317		P	P	10 33 55.6	+2.2
KSH	KSH	comp=Z,8.0nm,0.9s				pmax	10 33 53.7	-0.5
MK31	Makanchi Arr	59.94	327		P	P	10 33 53.7	-0.5
MK31	MK31	comp=Z,5.0nm,0.8s				Iamb	10 33 53.3	-0.9
MKAR	Makanchi Arr	59.94	327		P	P	10 33 53.5	-0.7
MKAR	Makanchi Arr	59.94	327		P	P	10 33 57.7	+0.8
KDJ	Kajisay	60.30	320		P	P	10 34 08.4	-0.4
YAK	Yakutsk	62.15	2		P	P	10 34 12.0	+1.7
YAK	YAK	comp=Z,5.4nm,0.4s,baz=270,slo=0.7,SNR=5.3				P	10 34 12.2	
AAK	Ala-Archa	62.27	320		P	P	10 34 14.2	+0.6
AAK	AAK	comp=Z,4.5nm,0.9s				Iamb	10 34 15.9	-1.4
MA2	Magadan	62.86	14		P	P	10 34 21.6	-1.2
ZALV	Zalesovo Beam	63.40	335		P	P	10 34 29.3	+0.7
ZALV	ZALV	comp=Z,1.4nm,0.6s,baz=130,slo=6.9,SNR=6.3				P	10 34 57.4	+1.6
KURBB	Kurchatov Arra	64.23	329		P	P	10 34 58.0	+1.2
KURBB	KURBB	comp=Z,5.6nm,0.7s,baz=130,slo=5.9,SNR=35				P	10 34 29.3	+0.7
KKAR	Karatay Array	65.08	319		P	P	10 34 57.8	-0.8
BVAR	Borovoye Array	69.78	328		P	P	10 34 58.5	0.0
BVAR	BVAR	comp=Z,3.0nm,0.7s,baz=171,slo=10.0,SNR=13				P	10 35 00.1	
BRVK	Borovoye	69.85	328		P	P	10 35 00.1	
BRVK	BRVK	comp=Z,4.4nm,0.8s				Iamb	10 35 00.1	

TTA	Tiksi	71.76	1	P	P	P	10 35 08.8	-0.9
TIXI	Tiksi	71.76	1	P	P	P	10 35 09.3	-0.4
TIXI	TIXI	comp=Z,3.1nm,0.3s,baz=187,slo=4.4,SNR=10				Iamb	10 35 15.7	
NR1K	Noril'sk	73.86	347		P	P	10 35 22.3	+0.1
NR1K	Noril'sk	73.86	347		P	P	10 35 22.3	+0.1
NR1K	NR1K	comp=Z,1.2nm,0.7s,baz=127,slo=5.9,SNR=22				Iamb	10 35 23.5	
ABKAR	Abkulaq array	74.22	322		P	P	10 35 23.8	-0.9
ABKAR	Abkulaq array	74.22	322		P	P	10 35 24.3	-0.4
ABKAR	ABKAR	comp=Z,3.5nm,0.7s				Iamb	10 35 26.8	
AKTO	Aktyubinsk	75.78	323		P	P	10 35 33.2	-0.4
AKTO	AKTO	comp=Z,8.7nm,0.8s,baz=115,slo=6.9,SNR=25				P	10 35 42.1	-0.7
ARU	Arti	77.42	329		P	P	10 35 42.1	-0.7
ARU	ARU	comp=Z,1.8nm,0.7s,baz=90,slo=3.0,SNR=9.0				P	10 36 10.3	-0.3
BELG	Belgomoye	82.56	340		P	P	10 36 10.3	-0.3
BELG	BELG	comp=Z,1.9nm,0.7s,baz=101,slo=3.4,SNR=8.7				P	10 36 21.1	+0.2
BELG	BELG	84.56	314		P	P	10 36 21.1	+0.2
GURO	Guroymak-BITLI	84.75	309		P	P	10 36 23.3	+0.9
TTA	Tatolina	85.07	27		P	P	10 36 24.5	+1.2
TTA	TTA	comp=Z,2.5nm,0.7s				Iamb	10 36 25.8	
IMAR	Indian Mountain	86.53	24		P	P	10 36 31.0	+0.6
KMBO	Kilima Mbojo	87.93	269		P	P	10 36 39.0	+0.4
KMBO	KMBO	comp=Z,3.1nm,1.0s,baz=40,slo=6.1,SNR=4.5				P	10 36 42.7	-0.9
ILAR	Eielsen Array	89.28	25		P	P	10 36 42.7	-0.9
ILAR	ILAR	comp=Z,0.5nm,0.7s,baz=240,slo=5.0,SNR=8.9				P	10 36 46.9	+1.1
QSPA	South Pole Quik	89.75	180		P	P	10 36 46.9	+1.1
QSPA	QSPA	comp=Z,3.7nm,1.2s				Iamb	10 37 06.6	
BMAR	Burnt Mountain	90.26	23		P	P	10 36 49.7	+1.6
BR3T	Keskin Array B	91.31	20		P	P	10 36 52.6	-1.1
BR3T	BR3T	comp=Z,0.8nm,0.7s,baz=118,slo=4.3,SNR=4.2				P	10 37 03.2	-0.2
ARCES	ARCCESS Array B	93.56	340		P	P	10 37 03.2	-0.2
ARCES	ARCES	comp=Z,3.1nm,1.0s,baz=80,slo=4.9,SNR=3.4				P	10 37 04.5	-1.0
AKASG	Malin Array Be	93.93	321		P	P	10 37 04.5	-1.0
AKASG	AKASG	comp=Z,0.4nm,0.5s,baz=70,slo=4.5,SNR=4.4				P	10 37 05.4	-2.1
MNK	Minsk	94.40	325		iP	P	10 37 05.4	-2.1
MNK	MNK	comp=Z,2.0nm,0.7s				iP	10 37 05.4	-2.1

mb 1.4/1.2,mb1mx3.6/3,mbtmp4.3/12,MS2.8/2, Ms1 2.8/2,ms1mx2.6/25,Error ellipse: s-maj=35.6km s-min=19.3km az=60.0

NEIC 06 11:09:04.6:2.7,9:19S:0.07:124.27E:0.0:9,h102km,6km, mb4.3/14,Error ellipse: s-maj=13.4km s-min=9.6km az=60.0

DJA 06 11:09:04.6:0.2,9:53S:12.4E:1.1,h77km,5km,M4.5/12, mb4.5/12,mb5.1/6,ML4.5/12,Mw(MB)4.4/6

ISC 06 11:09:04.5:0.4,9:19S:0.05:124.32E:0.07,h100km,n78, r=191/73,mb4.2/14, Timor region

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

ISC 06 11:13:28.1:1.2,41:38N:0.02:119.62W:0.02,h1km,9km, n136,r156/154,mb4.0/6,Nevada

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Lists seismic stations for Nevada and other regions.

comp=N,17nm,0.3s,baz=300,slow=16,SNR=102

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Lists seismic stations for various locations including Nevada, California, and others.

IDC 06 11:13:27.0:2.7,41:31N:119:60W,h0km,mb3.5/3, mb1 3.8/8,mb1mx3.4/37,mbtmp3.4/8,ML3.5/4,MS3.1/5, Ms1 3.1/5,ms1mx2.9/32,Error ellipse: s-maj=11.3km s-min=5.7km az=9.0

REN 06 11:13:27.9:3.8,41:36N:0.04:119:63W:0.06,h10km,6km, ML4.1/6,mb4.3/8(NEIC),ML3.7/105(NEIC), Mw3.9/41(NEIC),Error ellipse: s-maj=6.7km s-min=4.9km az=110.0

NEIC 06 11:13:27.9:4.1:86N:119:63W,h14km,Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=8.5; Mw=0.16; Mss=3.7; Mm=1.79; Mv=3.37; Mh=3.11; Fault plane solution: M39.78000:1014 N119:182.9000:0:0.54,72000:0:1:1104000:0:0:NP2=36.63000:840.37000:-1.63.09000: Principal axes: T 9.8759,Plg7.0000, Azm288.0000: N -0.1994,Plg17.0000: Azm195.0000: P -9.6765,Plg71.0000: Azm41.0000:

ANF 06 11:13:29.3:0.5,41:83N:119:69W,h10km,ML4.0/19 Error ellipse: s-maj=4.6km s-min=4.0km az=85.0

NEIC 06 11:13:30.0:1.5,42:03N:0.04:119:65W:0.05,h11km,5km, Error ellipse: s-maj=6.6km s-min=5.0km az=157.0

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like IPOC Station P, LOMAS DE OLMED, Maricunga, Pisagua, and various other locations.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like Guaratinga, Macapa, Itapeva, Guanabara, and various other locations.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like Baumata, Kuching, Plampang, Pinlang, and various other locations.

6d 14h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GOGA Godfrey, X58A Rowland, JSC Jenkinstown, etc.

2015 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like P43A Iamb, SFIN Lafayette, N47A Urbana, etc.

266

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BBLs Lazi#263i, PDG Podgorica, PDG Podgorica, etc.

RHSSO 06 13:53:24.9, 0.3, 43.3, 29Nk, 17.95E, h8km, 2km, ML2, 8/12
BEO 06 13:53:24.6, 0.3, 43.3, 30Nk, 17.85E, h13km, 3km, ML2, 6/8
ISC 06 13:53:23.4, 1.1, 43.27N, 0.02, 17.93E, 0.02, h5km, 10km, n17, r1526/130, 16C-12L, Northwestern Balkan Peninsula

IDC 06 14:04:49.5, 1.3, 24.73N, 122.22E, h0km, mb3.4/3, mb1 3.6/5, mb1mx3.3/36, mb1bmx3.5/5, ML3.4/2, Error ellipse: s-maj=67.8km s-min=24.2km az=71.0
JMA 06 14:05:04.8, 0.2, 24.51N, 123.02E, h152km, 3km, M3.4
ISC 06 14:05:03.0, 1.0, 25.3N, 0.1, 122.98E, 0.07, h143km, 10km, n17, r1533/30, m3.1/3, Taiwan region

Table with columns for Code, Station Name, A° AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries like STON Ston, STON Ston, STON Ston, etc.

Table with columns for Code, Station Name, A° AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries like YOJ Yonaguni jima, YWJ Yonagunijimaku, YJNG Yonagunijimaku, etc.

Table with columns: JOW, KSRS, MKAR, WRA, ASAR. Includes station names, coordinates, and status.

IDC 06 14:10:34.5:2.2, 23:635:67.72W, h128km, 19km, mb3.5/3, mb1 3.6/5, mb1mx3.4/31, mbtm4.0/5, Error ellipse: s-maj=33.3km s-min=21.0km az=157.0

GUC 06 14:10:34.3:1.0, 23:545:69.16W, h155km, 6km, ML3.7

ISC 06 14:10:34.3:1.0, 23:875:0.05, 67.83W, 0.1, h139km, 10km, n27, r174/41, mb4.0/4, 13C-1D, Chile-Argentina border region

Main table listing station codes (LVC, LVC, LVC, etc.), station names (Limon Verde, Limon Verde, IROC Station P, etc.), coordinates, and status.

TUL 06 14:15:20.5:0.7, 35:85N, 01:01:96.65W, 0.01, h5km, 4km, ML2.7, mb_Lg2.3/8(NEIC), Error ellipse: s-maj=1.9km s-min=1.1km az=192.0

NEIC 06 14:15:20.5:0.7, 35:86N, 01:01:96.65W, 0.02, h11km, 3km, Error ellipse: s-maj=2.2km s-min=1.6km az=120.0, Oklahoma

Table listing Oklahoma station codes (OK030, OK034, etc.), station names (Cody Creek RV, Norfolk Rd, etc.), coordinates, and status.

IDC 06 14:21:44.1:47.0, 26:29S, 67:76E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.2/40, mbtm3.4/3, Error ellipse: s-maj=1.144km s-min=57.8km az=73.0, Indian Ocean Triple Junction

Table listing Indian Ocean Triple Junction station codes (H08S1, H08S2, etc.), station names (Diego Garcia H, Diego Garcia H, etc.), coordinates, and status.

0.6nm, 1.0s, baz=255, slow=8.7, SNR=2.6

NEIC 06 14:26:56.5:1.8, 28:25S, 0:1:178.1W, 0.1, h175km, 7km, mb4.3/23, Error ellipse: s-maj=18.3km s-min=14.0km az=158.0

IDC 06 14:26:56.3:1.3, 28:20S, 178:15W, h172km, 17km, mb3.6/6, mb1 3.8/6, mb1mx3.6/19, mbtm4.1/6, Error ellipse: s-maj=46.0km s-min=26.8km az=158.0

ISC 06 14:26:57.0:0.7, 28:75S, 0:1:177.5W, 0.1, h200km, n43, r155/43, mb4.0/17, Kermadec Islands region

Main table listing station codes (RAO, RAO, RAO, etc.), station names (Raoul Island, Raoul Island, etc.), coordinates, and status.

Main table listing station codes (ARMA, ARMA, ARMA, etc.), station names (Armidale, Armidale, etc.), coordinates, and status.

Table with columns: ORZ, comp-Z, Iamb, Iamb, 17 14 00.0, etc. Lists various locations like Quartz Range, Palisser, Nelson, Tuwuz, LHI, etc.

Table with columns: OOD, BBOO, BBUO, KLLU, MLOA, POHA, etc. Lists various locations like Oodnadatta, Buckleboe, Kullu, etc.

Table with columns: H01W1, H01W3, H01W2, KAPI, etc. Lists various locations like Cape Leeuwin H, Cape Leeuwin H, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PET, PEAOB, PETK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WDC, ORV, PFO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KLR, KLVN, P19K, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BTO Baotou, SDCO Great Sand Dun, CMAR Ogilvie Camp, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SONM comp=Z,2.2nm,1.1s, baz=141, slow=3.9, SNR=3.6, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like DZA Taraz, BVAR Borovoye Array, BVAR Borovoye Array, etc.

6d 17h

Table with columns: Station Name, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like TREC, HTL, RAZG, etc.

Table with columns: Station Name, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like PERS, FETH, ERUN, etc.

Table with columns: Station Name, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like PCVE, PVAQ, KEST, etc.

Table with columns: comp, name, AML, AML, Pn, Pn, 17 39 28.1, -1.2, 17 39 32.7, -1.0, 17 39 32.7, -1.1, etc.

Table with columns: KBA, Koelnbreinsper, 4.80 346 ePn, Pn, 17 40 05.2 +3.0, 17 41 01.0 +2.8, 17 40 03.5 +1.2, etc.

Table with columns: SMF, comp, name, eSn, Sn, 17 42 36.6 -6.3, 17 41 01.1 -0.3, 17 41 06.8 +5.4, etc.

6d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Westminster Rd, Liberty Lake, Leonard, Harper NE State, Blackwell, Winter Ranch, etc.

NEIC 06 18:29:50.6±1.1, 36.75N±0.01, 98.12W±0.04, h13km, 3km, Error ellipse: s-maj=5.1km s-min=1.4km az=105.0

TUL 06 18:29:50.7±1.3, 36.76N±0.004, 98.07W±0.02, h7km, 6km, ML3.5, mb_Lg3.0/60(NEIC), Error ellipse: s-maj=2.1km s-min=0.6km az=90.0

ANF 06 18:29:50.5±0.4, 36.73N±0.98, 98.06W, h4km±2km, ML3.6/7, Error ellipse: s-maj=2.6km s-min=1.8km az=47.0

ISC 06 18:29:50.7±0.9, 36.75N±0.02, 98.07W±0.03, h12km±7km, m7, r=66/40, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Salt Plains WL, Grand County #, Manchester OK, etc.

2015 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Harper NE State, Blackwell, Winter Ranch, etc.

ISC 06 18:45:48.9±1.9, 16.92S±1.74, 102W, h356km±292km, mb3.2/3, mb1.3/3.4, mb1mx3.0/3.1, mbtmp3.9/4, Error ellipse: s-maj=46.0km s-min=46.9km az=88.0

ISC 06 18:43:48.8±1.1, 16.95S±0.2, 174.1W±0.2, h350km±n5, o=49/6, mb3.3/3, Tonga Islands

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

ISC 06 18:45:38.7±2.6, 13.77N±92.70W, h0km, mb3.7/5, mb1.4/1.8, mb1mx3.8/4.2, mbtmp3.7/8, ML3.9/3, MS3.0/3, MS1.0/3, ms1mx2.8/4.4, Error ellipse: s-maj=55.9km s-min=24.5km az=88.0

GC 06 18:45:42.1±0.4, 14.05N±92.77W, h25km±831km, MD4.1, MEX 06 18:45:44.1±1.6, 14.02N±92.67W, h14km±315km, MD4.3

ISC 06 18:45:41.4±1.3, 14.08N±0.06, 92.59W±0.05, h6km±11km, n29, ±02/41, mb3.6/5, Near coast of Chiapas

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

282

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matias Romero, Hualto, Puerto Escondido, etc.

IDC 06 18:49:11.4±6.3, 14.20N±92.67W, h0km, mb3.6/2, mb1.3/8.5, mb1mx3.3/4.7, mbtmp3.4/5, ML3.4/3, MS3.2/1, MS1.3/2.1, ms1mx2.7/3.4, Error ellipse: s-maj=119.0km s-min=25.5km az=7.0

MEX 06 18:49:12.7±0.6, 14.02N±92.73W, h11km, MD4.1, ISC 06 18:49:12.7±2.5, 14.21N±0.10, 92.67W±0.06, h10km±12km, n14, ±08/122, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like El Naranjo, Pavencul, Comitán, etc.

RSRP 06 18:55:55.7, 18.14N±67.18W, h20km±1km, 3C, Mona

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Las Mesas, Cabo Rojo, etc.

NEIC 06 18:57:36.3±2.0, 19.55S±0.1, 178.2W±0.2, h606km±9km, mb4.5/4.2, Error ellipse: s-maj=23.8km s-min=19.3km az=105.0

NOU 06 18:57:36.6, 19.53S±178.17W, h623km, mb4.7/4.8, Fiji Islands Region

IDC 06 18:57:37.4±0.9, 19.65S±178.38W, h615km±9km, mb3.7/19, mb1.3/8.2/3, mb1mx3.5/3.7, mbtmp4.6/2.3, Error ellipse: s-maj=13.7km s-min=10.1km az=144.0

ISC 06 18:57:35.8±0.4, 19.59S±0.03, 178.26W±0.06, h600km, n270, ±08/99/284, mb4.5/4.7, 39C-18W, Fiji Islands region

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

ISC 06 18:57:35.8±0.4, 19.59S±0.03, 178.26W±0.06, h600km, n270, ±08/99/284, mb4.5/4.7, 39C-18W, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRY Bratogost, BUM Brajci-Budva, NKME Niksic, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBA, VYHS Vyhne, ABTA Abfalterbach, etc.

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

285

YAK	comp=E,38nm,2.5s		smax	smax			
YAK	comp=Z,180nm,21.0s		MLR	MLR			
YAK	comp=E,79nm,23.0s		MLR	MLR			
YAK	comp=N,180nm,23.0s		MLR	MLR			
YAK	Yakutsk	21.03 337	P	P	19 16 49.0	-3.3	
JOW	Kunigami	22.86 229	P	P	19 17 12.8	+0.8	
BJI	comp=N,15nm,0.4s,baz=182,slow=17,SNR=2.0						
BJI	Beijing	23.39 272	P	P	19 17 18.0	+0.8	
BOD	comp=N,6.0nm,1.0s		pmax	pmax			
BOD	Bodaibo	25.00 316	eP	P	19 17 28.5	-3.2	
NJ2	comp=Z,6.0nm,1.1s		eP	P	19 17 34.2	+0.6	
NJ2	Nanjing	25.18 252	eP	P	19 17 34.2	+0.6	
BILL	comp=Z,10.0nm,0.5s		eP	P	19 17 40.8	-2.7	
BILL	Bilibino	26.32 16	eP	P	19 17 40.8	-2.7	
BILL	comp=Z,6.0nm,0.9s		eS	S	19 18 24.7		
BILL	BILL		eS	S	19 22 10.0	-2.0	
BILL	comp=Z,6.0nm,0.9s		pmax	pmax			
BILL	BILL		MLR	MLR			
HHC	comp=Z,11.13nm,19.0s		eP	P	19 17 45.7	+0.4	
HHC	Hu-ho-hao-te	26.46 276	eP	P	19 17 45.7	+0.4	
HHC	comp=Z,12nm,0.7s		pmax	pmax			
HHC	HHC		pmax	pmax			
ULN	comp=Z,140nm,6.6s		/P	P	19 17 58.6	-1.5	
ULN	Ulanbaatar	28.12 293	/P	P	19 17 58.6	-1.5	
ULN	comp=Z,7.0nm,1.2s		P	P	19 17 59.0	-1.1	
ULN	Ulanbaatar	28.12 293	P	P	19 17 59.0	-1.1	
SONM	Songino Array	28.57 293	P	P	19 18 04.3	+0.3	
SONM	comp=Z,1.7nm,0.5s,baz=83,slow=8.5,SNR=16		LR	LR	19 30 43.9		
SONM	Songino Array	28.57 293	P	P	19 30 43.9		
SONM	comp=Z,180nm,18.4s,baz=122,slow=39		pmax	pmax			
SONM	Songino Array	28.57 293	P	P	19 18 03.0	-1.0	
SONM	comp=Z,5.0nm,1.3s		P	P	19 18 03.0	-1.0	
SONM	Songino Array	28.57 293	P	P	19 18 03.0	-1.0	
H1N2	WAKE ISLAND Hy 29.04 139	T	T	19 48 47.5			
H1N2	baz=331,slow=76,SNR=1565						
H1N1	WAKE ISLAND Hy 29.05 139	T	T	19 48 48.5			
H1N1	baz=331,slow=76,SNR=1565						
H1N3	WAKE ISLAND Hy 29.06 139	T	T	19 48 49.7			
H1N3	baz=331,slow=76,SNR=2269						
TIXI	Tiksi	29.37 348	P	P	19 18 06.3	-4.4	
TIXI	comp=Z,4.4nm,0.8s,baz=142,slow=7.4,SNR=21		PcP	PcP	19 21 14.8	-0.6	
TIXI	comp=Z,1.8nm,0.3s,baz=100,slow=1.0,SNR=7.6		LR	LR	19 29 43.9		
TIXI	comp=Z,99nm,20.7s,baz=176,slow=96		ceP	ceP	19 18 06.3	-4.4	
TIXI	Tiksi	29.37 348	ceP	ceP	19 18 06.3	-4.4	
TIXI	comp=Z,5.0nm,0.8s		P	P	19 18 06.6	-4.1	
TIXI	Tiksi	29.37 348	P	P	19 18 06.6	-4.1	
H1S1	WAKE ISLAND Hy 30.01 141	T	T	19 49 58.2			
H1S1	baz=332,slow=76,SNR=3870						
H1S3	WAKE ISLAND Hy 30.01 141	T	T	19 50 00.3			
H1S3	baz=332,slow=76,SNR=2845						
H1S2	WAKE ISLAND Hy 30.02 141	T	T	19 50 02.3			
H1S2	baz=332,slow=76,SNR=3020						
GUMO	Guam	30.14 185	LR	LR	19 30 28.4		
GUMO	comp=Z,40nm,19.0s,baz=82,slow=36						
LZH	Lanzhou	33.88 272	eP	P	19 18 52.0	+1.1	
LZH	comp=Z,18nm,1.3s		pP	pP	19 19 10.9	-1.1	
LZH	LZH		pP	pP	19 19 10.9	-1.1	
GTA	Gaotai	35.40 280	eP	P	19 19 05.0	+1.0	
GTA	comp=Z,3.0nm,0.9s		pP	pP	19 19 20.5	-4.6	
GTA	GTA		pP	pP	19 19 26.0	+7.6	
GTA	GTA		pmax	pmax			
RDOG	Red Dog Mine	35.46 30	P	P	19 19 11.2	+7.3	
RDOG	baz=252						
CD2	Chengdu	36.52 264	eP	P	19 19 13.0	-0.5	
CD2	comp=Z,10.0nm,0.5s		pmax	pmax			
GCSA	Galena City Sc	37.13 36	P	P	19 19 19.0	+0.8	
GCSA	baz=263,SNR=5.6						
TTA	Tatalina	37.35 39	P	P	19 19 21.4	+1.2	
TTA	comp=Z,21nm,0.8s		pmax	pmax			
TTA	Tatalina	37.35 39	P	P	19 19 21.4	+1.2	
TTA	comp=Z,21nm,0.8s		IAMB	IAMB	19 19 21.5	+1.2	
TTA	Tatalina	37.35 39	P	P	19 19 21.5	+1.2	
TTA	baz=266,SNR=15						
O18K	Koktuh Hills	37.67 44	P	P	19 19 24.5	+1.6	
O18K	baz=271						
P18K	Big Mountain,	37.67 45	P	P	19 19 24.1	+1.2	
P18K	baz=272						
L19K	White Mountain	37.85 40	P	P	19 19 23.5	-0.9	
L19K	comp=Z,21nm,1.4s		IAMB	IAMB	19 19 27.0		
L19K	White Mountain	37.85 40	P	P	19 19 25.9	+1.5	
L19K	baz=268,SNR=6.7						
N19K	Bonzanra Creek	38.02 43	P	P	19 19 25.6	-0.3	
N19K	comp=Z,26nm,1.0s		IAMB	IAMB	19 19 28.6		
N19K	Bonzanra Creek	38.02 43	P	P	19 19 27.6	+1.7	
N19K	baz=270						
M19K	Big River Lodg	38.06 41	P	P	19 19 24.3	-1.9	
M19K	comp=Z,11nm,1.0s		IAMB	IAMB	19 19 30.4		
M19K	Big River Lodg	38.06 41	P	P	19 19 27.8	+1.6	
M19K	baz=269						
K20K	Telida	38.25 38	P	P	19 19 28.4	+0.6	
K20K	comp=Z,22nm,0.9s		IAMB	IAMB	19 19 30.3		
K20K	Telida	38.25 38	P	P	19 19 29.5	+1.7	
K20K	baz=268						
J20K	Nowinta River	38.26 37	P	P	19 19 29.2	+1.4	
J20K	comp=Z,21nm,1.0s		P	P	19 19 29.3	+1.5	
J20K	Nowinta River	38.26 37	P	P	19 19 29.9	+1.7	
J20K	baz=269						
L20K	Farewell, AK	38.31 40	P	P	19 19 29.9	+1.7	
L20K	comp=Z,21nm,1.0s		P	P	19 19 29.3	-0.3	
A21K	Barrow	38.49 25	P	P	19 19 28.6	-0.9	
A21K	comp=Z,21nm,1.0s		P	P	19 19 30.4	+0.1	
IMAR	Indian Mountai	38.57 34	P	P	19 19 34.5	+1.1	
H21K	Melozitna Rive	38.93 35	P	P	19 19 35.8		
H21K	comp=Z,32nm,1.1s		IAMB	IAMB	19 19 34.7	+1.3	
H21K	Melozitna Rive	38.93 35	P	P	19 19 36.4	+2.0	
H21K	baz=266						
CHUM	Lake Minchum	39.05 38	P	P	19 19 36.1	+1.1	
CHUM	baz=263,SNR=19						
PPLA	Purkeypile	39.10 39	P	P	19 19 37.1	+2.1	
PPLA	comp=Z,27nm,1.0s		P	P	19 19 37.2	+2.2	
PPLA	Purkeypile	39.10 39	P	P	19 19 34.9	-0.4	
PPLA	baz=270,SNR=10						
SPCR	Spurr Chakacha	39.12 42	P	P	19 19 37.2	+2.2	
SPCR	comp=Z,27nm,1.0s		P	P	19 19 37.4	+2.2	
SPCR	Spurr Chakacha	39.12 42	P	P	19 19 37.4	+2.2	
SPCR	baz=272						
CAST	Castle Rocks	39.15 38	P	P	19 19 37.2	+2.2	
CAST	comp=Z,27nm,1.0s		P	P	19 19 37.4	+2.2	
CAST	Castle Rocks	39.15 38	P	P	19 19 37.2	+2.2	
CAST	baz=269,SNR=6.9						
I21K	Tanana	39.25 36	P	P	19 19 37.2	+1.2	
I21K	comp=Z,42nm,1.4s		IAMB	IAMB	19 19 38.6		
I21K	Tanana	39.25 36	P	P	19 19 37.5	+1.6	
I21K	baz=267,SNR=9.2						
NR1K	Noril'sk	39.29 331	PcP	PcP	19 21 43.3	-0.4	
NR1K	comp=Z,3.3nm,0.6s,baz=141,slow=3.6,SNR=5.8		LR	LR	19 35 07.4		
NR1K	Noril'sk	39.29 331	PcP	PcP	19 21 43.3	-0.4	
NR1K	comp=Z,3.3nm,0.6s,baz=141,slow=3.6,SNR=5.8		LR	LR	19 35 07.4		
BPAW	Bear Paw Mtn.	39.64 37	P	P	19 19 40.9	+1.5	
BPAW	comp=Z,94nm,19.8s,baz=108,slow=35						
KTH	Kantishna Hill	39.67 38	P	P	19 19 41.2	+1.6	
KTH	comp=Z,26nm,1.0s		P	P	19 19 42.0	+1.6	
MLY	Manley	39.77 36	P	P	19 19 43.2	+1.4	
MLY	comp=Z,26nm,1.0s		P	P	19 19 43.2	+1.4	
MLY	Manley	39.77 36	P	P	19 19 43.2	+1.4	
MLY	baz=268,SNR=15						
BRSE	Bradley Lake S	39.93 44	P	P	19 19 43.2	+1.4	
BRSE	comp=Z,27nm,1.0s		P	P	19 19 43.2	+1.4	
BRSE	Bradley Lake S	39.93 44	P	P	19 19 43.2	+1.4	
BRSE	baz=275						
TRF	Thorofare Moun	39.96 38	P	P	19 19 43.2	+1.1	
TRF	comp=Z,19nm,0.8s		IAMB	IAMB	19 19 43.2	+1.1	
TRF	Thorofare Moun	39.96 38	P	P	19 19 43.2	+1.1	
TRF	baz=271						
CUT	Chulitna	39.99 40	P	P	19 19 41.3	-0.9	
CUT	comp=Z,21nm,1.0s		P	P	19 19 43.1	+0.9	
CUT	Chulitna	39.99 40	P	P	19 19 41.3	-0.9	
CUT	baz=272						
COLD	Coldfoot	40.08 32	P	P	19 19 42.5	-0.5	
COLD	comp=Z,12nm,0.8s		IAMB	IAMB	19 19 45.0		

2015 DEC

COLD	comp=Z,12nm,0.8s		Coldfoot	40.08 32	P	P	19 19 43.7	+0.7
BWN	baz=266,SNR=8.9		Brown	40.31 37	P	P	19 19 46.3	+1.5
RC01	Rabbit Creek A	40.32 42	IAMB	IAMB	19 19 46.0	+1.0		
RC01	comp=Z,20nm,0.9s		Rabbit Creek A	40.32 42	P	P	19 19 45.2	+0.2
I23K	Minto, Yukon-K	40.35 36	P	P	19 19 46.7	+1.6		
I23K	baz=270,SNR=17							
TOLK	Toolik Lake Re	40.42 30	P	P	19 19 46.5	+0.7		
TOLK	comp=Z,17nm,0.8s		IAMB	IAMB	19 19 47.3			
TOLK	Toolik Lake Re	40.42 30	P	P	19 19 46.6	+0.8		
TOLK	baz=265,SNR=16							
NEA2	Nenana	40.48 37	P	P	19 19 47.3	+1.1		
NEA2	comp=Z,33nm,0.9s		P	P	19 19 47.5	+1.2		
NEA2	Nenana	40.48 37	P	P	19 19 47.3	+1.1		
NEA2	baz=270,SNR=39							
DGZ	Jazzator, Alta	40.51 300	eP	P	19 19 46.0	-0.9		
DGZ	comp=Z,3.0nm,1.4s		pmax	pmax				
MCK	McKinley	40.55 38	P	P	19 19 47.0	+0.1		
MCK	comp=Z,34nm,0.8s		pmax	pmax		</		

6d 19h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio (SNR). Includes stations like RES Resolute Bay, YKA Yellowknife Ar, CHGR Chuykaron, etc.

2015 DEC

Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio (SNR). Includes stations like MNK Manual Array S, MPM Manual Array S, NACGM Naroch, etc.

286

Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio (SNR). Includes stations like OJC Ojcow, OJC Ojcow, ECSD EROS Data Cent, etc.

6d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Mamie plateau, Ouen Toro, Pines Island, Rabaul, Nonsavu, etc.

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like Hallett, Mantou Dam, Mantou Dam, Saui, Fak Fak, etc.

288

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

6d 20h

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like NB2 NORSAR, NOA NORSAR, BRTR Keskin Array B, etc.

UPA 06:20:03:55.01.3.6.46N-79.141W, h20km, 44km, MW3.8
RSNC 06:20:03:55.2.0.7.6.49N-79.00W, h4km, 5km, ML2.2

ISC 06:20:03:47.2.1.5.6.51N-0.05:79:18W:0.03, h7km, 12km,
n19, c1f60/32, 1C, South of Panama

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PTAC Punta Ardita, CACAQ El Cacao, etc.

ISC 06:20:54:36.9.0.6.6.11:49S:117:52E, h0km, mb4.6/16
mb1 4.8/21, mb1mx4.5/39, mbtmp4.7/21, ML4.9, MS3.6/8

2015 DEC

Main table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like BASI Baing, IGBI Denpasar, DNP Denpasar, etc.

290

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like BLDU Ballidu, ASPA Alice Springs, ASAR Alice Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like UZB Uzynbulak, KBL Kabuli, SATY Sathy, ZSN Zaisan, etc.

IDC 06 21:01:53.8:1.0, 10:975:163:74E, h0km, mb4.2/10, mb1.4/4/12, mb1mx4.0/36, mbmp4.2/12, ML4.4/2, MS3.9/4, Ms1.3/9.4, ms1mx3.4/30, Error ellipse: s-maj=32.7km s-min=21.0km az=136.0

NEIC 06 21:01:59.4:1.7, 10:995:0:06:163E:0.1, h34km,4km, mb4.6/13, Error ellipse: s-maj=16.0km s-min=6.4km az=64.0

ISC 06 21:01:58.0:0.6, 11:085:0:07:163B1E:0:08, h29km, n51, r=1549/47, mb4.4/18, MS3.9/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like WRA Warramunga Arr, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, etc.

MOS 06 21:33:48.3:1.1, 47:74N:154:34E, h44km, mb4.6/12, MS3.5/4, Error ellipse: s-maj=7.2km s-min=4.0km az=73.8 SKHL 06 21:33:49.6:0.2, 47:60N:154:60E, h55km,4km, mb5.5/15, ms15.5/3

NIED 06 21:33:49.1, 47:43N:154:58E, h30km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mv-3.32; Mw5.53; Mw5-2.21; Mw2.51; Mw0-0.40; Mw2.47;

NEIC 06 21:33:51.4:1.0, 47:75N:0:09:154:2E:0.1, h53km,6km, mb4.9/237, Error ellipse: s-maj=15.3km s-min=9.2km az=133.0

IDC 06 21:33:52.1:2.4, 47:78N:154:24E, h62km,20km, mb4.0/34, mb1.4/240, mb1mx3.6/43, Error ellipse: s-maj=12.1km s-min=9.7km az=135.0

ISC 06 21:33:49.2:0.4, 47:59N:105:154:42E:0:05, h40km,4km, n590, s1344/536, mb4.8/206, MS4.0/18, 30C3-D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

KDTR Khodutka, Kams 4.85 28 PN Pn 21 34 57.6 -1.9 MIPR Malaya Ipeka'k 4.93 17 PN Pn 21 35 00.4 -0.3 KUR Kuril'sk 5.91 20 PN Pn 21 35 14.8 +0.5 KUR Kuril'sk 5.91 20 PN Pn 21 36 04.4 +3.8

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, etc.

6d 21h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JHU, ZEA, YAK, etc.

2015 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COLA, WMO, WRGLY, etc.

292

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMO, WRGLY, KMI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BMO, MOD, O03E, BTK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LRM, FINES, GWY, QSM, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ECSD, EROS, TUC, TUC, etc.

6d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ECHE Chera, MVO Moncorvo, PVRL Vila Real, etc.

IDC 06 22:26:14.7.0.8, 63.23N-151.20W, h0km, mb3.7/16, Ms1 3.9/20, mb1mx3.7/43, mbtmp3.8/20, ML3 6.4, MS3 8/2, Ms1 3.8/2, ms1mx3.0/37, Error ellipse: s-maj=17.0km s-min=11.4km az=3.0
NEIC 06 22:26:14.63.30N-151.34W, h15km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr:0.47; Mss-1.20; Mss:0.74; Mss:0.89; Mss:0.10; Fault plane solution: Mo:1.38000e+10; Np1:293.52000e+08, s83.40000e+08, l175.44000e+08. NP2:24.04000e+08, s85.47000e+08, l6.62000e+08. Principal axes: T 1.0941, P 0.8053, Azm249.0000e+08; N 0.4555, Plg82.0000e+08, Azm158.0000e+08; P 1.5496, Plg1.0000e+08, Azm158.0000e+08
NEIC 06 22:26:15.8.0.9, 63.31N-151.35W, h14km, mb3km, 4km Error ellipse: s-maj=5.2km s-min=1.2km az=127.0
AEIC 06 22:26:15.1.8, 63.31N-151.37W, h0.06, h1km, 5km, ML4.3, mb4.54(NEIC), ML4.5(154(NEIC)), Mw0.97(NEIC), Error ellipse: s-maj=4.7km s-min=2.4km az=129.0
ISC 06 22:26:15.8.0.9, 63.31N-151.35W, h0.02, h14km, 5km, n308, c1908/274, mb3.8/17, Central Alaska

2015 DEC

Table with columns: CAST, Sg, Time, Res, ISC. Includes stations like Castle Rocks, Thorofare Moun, Purkeypille, etc.

296

Table with columns: PS08, Sg, Time, Res, ISC. Includes stations like TAPS Pump Str8, Sheep Creek Mo, Melozitna Rive, etc.

6d 23h

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

2015 DEC

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

298

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

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

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Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

Code Station Name Az El Op Phase ID Time Res ISC h m s ISC

7d 1h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AN08, AN14, GC02, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRA, etc.

2015 DEC

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAPS, NIKH, UNV, etc.

300

Table with columns: INZ, Pinnac, Pinnac, etc. Includes stations like Incheon, Pines Island, etc.

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

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

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PLCA, ATKA, LCO1, etc.

2015 DEC

Table with columns: 7d 2h, Station Name, Az, El, Time, Res, Code, Station Name, Az, El, Time, Res, Code. Includes stations like BHOU Houvegnez, BGES Gesves, BMRD Maredsous, etc.

Table with columns: Station Name, Az, El, Time, Res, Code, Station Name, Az, El, Time, Res, Code. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WBO Warramunga Arr, etc.

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

IDC 07:02:03:33.9, 0.7, 23.52Sx176.08W, h0km, mb4.4/10, mb1.4/6.12, mb1mx4.4/24, mbtmp4.4/12, ML3.4/2, MS4.0/8, Ms1.3/9.8, ms1mx3.7/33, Error ellipse: s-maj=27.4km s-min=19.0km az=135

IDC 07:02:03:33.9, 0.7, 23.52Sx176.08W, h0km, mb4.4/10, mb1.4/6.12, mb1mx4.4/24, mbtmp4.4/12, ML3.4/2, MS4.0/8, Ms1.3/9.8, ms1mx3.7/33, Error ellipse: s-maj=27.4km s-min=19.0km az=135

IDC 07:02:03:33.9, 0.7, 23.52Sx176.08W, h0km, mb4.4/10, mb1.4/6.12, mb1mx4.4/24, mbtmp4.4/12, ML3.4/2, MS4.0/8, Ms1.3/9.8, ms1mx3.7/33, Error ellipse: s-maj=27.4km s-min=19.0km az=135

NEIC 07:02:03:33.9, 0.7, 23.52Sx176.08W, h0km, mb4.4/10, mb1.4/6.12, mb1mx4.4/24, mbtmp4.4/12, ML3.4/2, MS4.0/8, Ms1.3/9.8, ms1mx3.7/33, Error ellipse: s-maj=27.4km s-min=19.0km az=135

NEIC 07:02:03:33.9, 0.7, 23.52Sx176.08W, h0km, mb4.4/10, mb1.4/6.12, mb1mx4.4/24, mbtmp4.4/12, ML3.4/2, MS4.0/8, Ms1.3/9.8, ms1mx3.7/33, Error ellipse: s-maj=27.4km s-min=19.0km az=135

NEIC 07:02:03:33.9, 0.7, 23.52Sx176.08W, h0km, mb4.4/10, mb1.4/6.12, mb1mx4.4/24, mbtmp4.4/12, ML3.4/2, MS4.0/8, Ms1.3/9.8, ms1mx3.7/33, Error ellipse: s-maj=27.4km s-min=19.0km az=135

ISC 07:02:03:34.1, 0.4, 23.69Sx07.175, 55W, 0.07, h10km, n74, o189/71, mb4.6/22, MS3.9/6, Phase Islands region

ISC 07:02:03:34.1, 0.4, 23.69Sx07.175, 55W, 0.07, h10km, n74, o189/71, mb4.6/22, MS3.9/6, Phase Islands region

ISC 07:02:03:34.1, 0.4, 23.69Sx07.175, 55W, 0.07, h10km, n74, o189/71, mb4.6/22, MS3.9/6, Phase Islands region

Table with columns: Code, Station Name, Az, El, Time, Res, Code, Station Name, Az, El, Time, Res, Code. Includes stations like RAO Raoul Island, NIUE Niue, MSVF Nonsauv, etc.

Table with columns: Code, Station Name, Az, El, Time, Res, Code, Station Name, Az, El, Time, Res, Code. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WBO Warramunga Arr, etc.

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

Table with columns: KZN, Kozani, 1.93, 1, P, Pb, 02 04 36.8 +0.7, 02 05 10.1, AML, AML, 02 05 10.4, etc.

Table with columns: MKAR Makanchi Array, 44.38, 59, P, P, 02 12 11.8 +0.7, 02 12 11.3 +0.6, etc.

EAJ 07 02:12:56.8:1.1, 25:84S:27:55E, h10km, MD3.6, BUL 07 02:12:56.8:1.1, 25:84S:27:55E, h10km, MD3.8, South

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, LBTB Lobatse, 1.94, 295, i, P, etc.

ICC 07 02:35:31.0:1.2, 29:62N:140:92E, h0km, mb3.4/6, mb1.3/6.7, mb1mx3.2/4.0, mbtmp3.4/7, ML3.1/1, Error ellipse: s-maj=44.7km, s-min=19.2km az=70.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, JCJ Chichijima, 2.62, 157, P, etc.

ICC 07 02:39:26.7:0.8, 39:03N:140:84E, h0km, mb3.6/11, mb1.3/8.14, mb1mx3.5/4.3, mbtmp3.6/14, ML2.5/3, Error ellipse: s-maj=21.1km, s-min=15.0km az=119.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, JMA 07 02:39:27.8:1.0, 39:04N:140:86E, h0km, 7km, n27, c0818/33, mb3.8/11, 3C-5D, Eastern Honshu

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, JMK Ichinoseki, 0.29, 107, i, P, etc.

ICC 07 02:51:10.6:1.7, 17:55S:174:73W, h0km, mb3.7/6, mb1.4/1.7, mb1mx3.9/26, mbtmp3.7/7, ML4.6/1, Error ellipse: s-maj=104.7km, s-min=22.0km az=154.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, MSVF Nonsavu, 6.0, 264, P, etc.

Table with columns: BRTR Keskin Array B, 146.48, 318, PKPbc, PKIKP, 03 10 55.3 -0.7, etc.

ICC 07 02:54:37.2:0.7, 17:63S:174:72W, h0km, mb4.6/12, mb1.4/8.13, mb1mx4.6/29, mbtmp4.6/13, ML4.9/1, MS4.2/24, Ms1.4/2.24, ms1mx4.1/3.3, Error ellipse: s-maj=30.6km

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, NIUE Niue, 4.51, 108, P, etc.

MOS 07 02:54:45.5:2.2, 17:34S:174:99W, h48km, mb5.2/17, Error ellipse: s-maj=12.7km, s-min=11.2km az=154.6

ICC 07 02:54:39.1:0.6, 17:72S:174:46W, h0.06, h1km, 3km, h13km, pP-P, n548, c1510/481, mb5.2/88, MS4.2/22, 49C-16D, Tonga Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, AFI Afiamalu, 4.58, 35, P, etc.

FORT FORT	Forrest	53.49 245	P	Iamb	P	Iamb	03 03 58.9 -0.7	TUC Tucson	78.63 51	P	P	03 06 43.2 +2.0	HYT Haines Junctio	83.71 17	P	P	03 07 07.6 0.0
KNRA KNRA	Kununurra	54.25 263	P	Iamb	P	Iamb	03 04 03.2 -2.1	O18K Koktuh Hills	78.86 10	P	P	03 06 42.4 +0.7	YUK4 Talbot Arm	83.82 16	P	P	03 07 08.8 +0.6
SOEI PSA00	Soe	59.84 269	P	P	P	P	03 04 42.9 -2.1	G05D Wanic, OR	79.05 35	P	P	03 06 43.7 +0.6	M27K Edge Creek, AK	83.85 15	P	P	03 07 08.0 -0.3
MJAR	Pilbara Seismi	61.59 255	P	P	P	P	03 04 55.9 -1.9	X16A Lo Mia Camp, P	79.20 49	Iamb	Iamb	03 06 47.8	MENT Mentasta	83.93 14	Iamb	Iamb	03 07 10.1
CKUH Nikolski High	Matsushiro Arr	70.06 321	LR	LR	LR	LR	03 06 36.0	O19K Port Aisworth	79.33 10	P	P	03 06 44.5 +0.3	S22A 4UR Ranch, Cre	84.08 47	P	P	03 07 11.9 +1.7
SKR SKR SKR	Severo-Kuril's	72.85 341	eP	eS	eSS	eSS	03 05 55.1 +1.4	CCUT BRSE	79.48 45	P	P	03 06 45.6 -0.3	L26K Log Cabin Wild	84.09 14	Iamb	Iamb	03 07 10.9
PKM MCP	Simmler	73.67 44	P	P	P	P	03 06 15.5 +8.0	KNB D03D	79.56 12	P	P	03 06 45.8 +0.3	L26K Log Cabin Wild	84.09 14	P	P	03 07 09.3 0.0
SMMC Simmler	Fort Macarthur	74.02 46	P	P	P	P	03 05 24.8 +1.6	U15A North Rim	79.56 46	Iamb	Iamb	03 07 03.7	MSO Missoula	84.13 37	P	P	03 07 10.6 +0.5
FMP OSI	Osito Audit: C	74.24 45	P	P	P	P	03 03 20.0 8.9	WUAZ Wupatki	79.80 48	P	P	03 06 50.2	TPAW TPAW	84.14 41	P	P	03 07 10.7 +0.4
109C ARVC	Camp Elliot, M	74.38 47	P	P	P	P	03 04 11.9	N19K Bonanza Creek	79.80 48	P	P	03 06 49.3 +1.7	BVCY Beaver Creek	84.15 15	P	P	03 07 09.8 +0.1
PEA0B PETK	Petrovavlovsk- PETK	74.52 343	iP	P	P	P	03 06 17.2 +1.1	ELK ELK	79.89 10	P	P	03 06 48.1 +0.7	FXWY Fox Creek	84.17 41	Iamb	Iamb	03 07 13.0
PETK VES	Vestal, Richgr	74.71 44	P	P	P	P	03 06 18.2 +1.3	ELK Q23K	79.98 42	P	P	03 06 49.1 +0.6	O20A White River Ci	84.23 45	P	P	03 07 10.2 -0.6
MURC BFC5	Mount Baldy Ra	74.75 46	P	P	P	P	03 06 18.9 +1.5	SNJR NJ2	80.64 11	P	P	03 06 51.6 +0.2	SNOW Snow King Moun	84.25 41	Iamb	Iamb	03 07 13.4
MONP2 EDW2	Edwards Air Fo	74.89 45	P	P	P	P	03 06 16.1 -1.2	ELK Q23K	80.22 14	P	P	03 06 49.1 +0.6	NEA2 Newe Creek	84.34 11	P	P	03 07 09.5 -1.0
IKP YSS	Yuzh-Sakhalins	75.00 331	iP	P	P	P	03 06 16.1 -1.2	SPCR Nanjing	80.64 11	P	P	03 06 51.6 +0.2	WHY Whitehorse	84.34 18	P	P	03 07 11.1 +0.4
ISA ISA	Isabella, Lake	75.01 44	P	P	P	P	03 06 15.5 -1.7	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	RIDG Independent Ri	84.39 13	P	P	03 07 10.6 -0.3
ISA ISA	Isabella, Lake	75.01 44	P	P	P	P	03 06 17.3 0.0	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	I21K Tanana	84.40 9	P	P	03 07 10.5 -0.3
O02D PFO	Pinyon Flats O	75.23 47	P	P	P	P	03 06 17.3 0.0	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	LOHW Long Hollow	84.42 41	Iamb	Iamb	03 07 14.1
TPFO SWSC	Sam W. Stewart	75.33 48	P	P	P	P	03 06 19.6 +0.9	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	MLY Manley	84.46 10	Iamb	Iamb	03 07 12.4
LRMC N02D	Laurel Mtn Rd	75.43 45	P	P	P	P	03 06 20.5 +1.6	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	MLY Manley	84.46 10	P	P	03 07 10.2 -1.0
O03E CWC	Cottonwood Cre	75.72 44	P	P	P	P	03 06 20.4 +1.2	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	L27K Beaver Creek,	84.47 14	P	P	03 07 11.0 -0.3
M02C BELC	Belle Mtn. Jos	75.77 47	P	P	P	P	03 06 20.8 +0.8	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	SEY Seymchan	84.48 345	LR	LR	03 40 08.3
MPMC MLAC	Manual Prospec	75.89 44	P	P	P	P	03 06 20.8 +0.8	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	QDAM Quadrangle Lak	84.56 12	Iamb	Iamb	03 07 13.6 +1.3
SII GSC	Sitkinan Islan	75.92 11	P	P	P	P	03 06 21.7 +1.1	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	HDA Harding Lake	84.56 12	P	P	03 07 10.9 -0.7
GSC BC3	Big Chuckawall	75.96 47	P	P	P	P	03 06 21.7 +1.1	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	P33M Teslin, Yukon	84.63 19	P	P	03 07 12.2 0.0
TIN HEC	Tinemaha, Big	75.97 43	P	P	P	P	03 06 22.1 +0.1	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	BW06 Boulder Array	84.66 42	Iamb	Iamb	03 07 21.4
GLA QSM	Queen of Sheba	76.25 45	P	P	P	P	03 06 22.2 +0.2	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	BW06 Boulder Array	84.66 42	Iamb	Iamb	03 07 21.4
G01E GMRC	Granite Mounta	76.43 46	P	P	P	P	03 06 22.9 +0.5	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PD31 Pinedale Array	84.66 42	Iamb	Iamb	03 07 13.4 +0.4
IRM LHV	Iron Mountain	76.45 47	P	P	P	P	03 06 24.1 +1.0	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
FURC M04C	Madocel	76.58 38	P	P	P	P	03 06 24.1 +1.0	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
L04D TUQ	Turquoise Moun	76.60 46	P	P	P	P	03 06 24.1 +1.0	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
SHOC RYN	Shoshone, Tec	76.62 45	P	P	P	P	03 06 25.5 +1.2	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
NVAR NVAR	Mina Array Bea	76.72 42	P	P	P	P	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
NV11 214A	Organ Pipe Nat	76.97 50	P	P	P	P	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
KSRS KSAR	Kaiserwille	77.21 42	P	P	P	P	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
KVNV KVN	Kaiserwille	77.21 42	P	P	P	P	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
PDMC1 J04D	Parker Dam, Lak	77.23 48	P	P	P	P	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
J04D MOD	Modoc Plateau	77.56 38	Iamb	Iamb	Iamb	Iamb	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
SHRP H05D	Sheep Range	77.70 45	Iamb	Iamb	Iamb	Iamb	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
J05D G03D	McMinnville, O	77.98 34	P	P	P	P	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
PRN P18K	Big Mountain,	78.42 10	P	P	P	P	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
R11A I05D	Troy Canyon, C	78.43 43	P	P	P	P	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4
USRK TOLK	Toolik Lake Re	87.97 9	P	P	P	P	03 06 26.2 +1.4	W18A M19K	80.76 308	eP	eP	03 06 54.0 +1.4	PDAR Pinedale Array	84.66 42	P	P	03 07 13.4 +0.4

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations 435B through VASR.

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

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

INET 07 02:57:51.1, 1.50N:85.70W, h206km, MW2.9
UCR 02:57:54.0, 0.9, 1.33N:85.79W, h184km, 3km, MW3.5.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Resolution for stations in Nicaragua.

IDC 07 03:08:30.2, 1.7, 35, 12N:141.148E, h0km, mb3.6/4,
mb1 3.7/8, mb1mx3.3/36, mbtm3.7/8, ML3.2/3, MS3.7/1,
ms 3.7/1, ms1mx2.6/40, Error ellipse: s-maj=46.6km

JMA 07 03:38.8, 0.2, 35, 18N:140.89E, h33km, 2km, M3.1
ISC 07 03:08:32.4, 1.7, 35.09N:105.14106E, 0.07, h10km, 10km,
n24, i1.63/20, mb3.5/4, Near east coast of eastern

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Resolution for stations in Honshu.

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

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

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

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations 309-400.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations 400-500.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations 500-600.

IDC 07 04:47:35.0:1.9, 7:09S: 123:46E, h0km, mb3.4/1, mb1.3/4.4, mb1mx3.3/30, mb1mp3.2/4, ML2.9/3, MS2.3/1, Ms1.2/3.1, ms1mx2.1/17, Error ellipse: s-maj=90.7km, s-min=24.5km, az=46.0

DJA 07 04:47:38.1:0.4, 8:53S: 121:33E, h10km, M3.5/10, MLV3.5/10

ISC 07 04:47:37.8:1.0, 7:64S: 0:07:122:85E:0:08, h10km, n14, a176/17, Flores Sea

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations 600-700.

IDC 07 05:18:41.0:0.6, 15:30S: 173:46W, h0km, mb4.5/14, mb1.4/7/16, mb1mx4.6/39, mb1mp4.6/16, ML4.1/2, MS3.8/26, Ms1.3/8.26, ms1mx3.8/28, Error ellipse: s-maj=24.0km, s-min=13.9km, az=139.0

NEIC 07 05:18:43.5:1.7, 15:14S: 0:08:173:50W:0:08, h10km, 1km, mb4.8/11.1, Error ellipse: s-maj=14.1km, s-min=13.3km, az=336.0

BGR 07 05:18:43.5:0.0, 16:49S: 173:22W, h33km

NOU 07 05:18:49.6, 15:04S: 172:39W, h88km, mb4.8/17, Samoa Islands Region

GCMT 07 05:18:54.5:0.5, 15:06S: 0:04:173:28W:0:03, h50km, 3km, MW5.0/68, Moment Tensor Solution, s_p1c17, s68, c88; Duration: 0, Moment tensor: Scale 105Nm; M2: 1.1+-26; Mw: 2.87; 19; Mw: 2.95; 21; Mw: 2.99; 17; Mw: 0.40; 17; Ms: 0.29; 09; Best double couple: Ms: 3.42700:1016 NP1: 68.00000: 826.00000: 165.00000: NP2: 275.00000: 867.00000: 1102.00000: Principal axes: T 3.0760, Plg66.0000, Azm260.0000; N 0.6990, Plg11.0000, Azm91.0000; P -3.7780, Plg21.0000, Azm356.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 07 05:18:45.5:0.3, 15:16S: 0:06:173:40W:0:06, h30km, n309, r1913/279, mb4.8/65, MS3.8/25, C2-15D, Tonga Islands

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations 700-800.

7d 5h

2015 DEC

Table with columns: Station, Name, Az, El, P, S, T, R, L, R, Az, El, P, S, T, R, L, R. Includes stations like THZ Tophouse, KHZ Kahutara, LTX Lake Taylor, etc.

Table with columns: Station, Name, Az, El, P, S, T, R, L, R, Az, El, P, S, T, R, L, R. Includes stations like MNTX Cornudas Mount, HWUT Hardware Ranch, TRF Thorofore Moun, etc.

Table with columns: Station, Name, Az, El, P, S, T, R, L, R, Az, El, P, S, T, R, L, R. Includes stations like TANN Tannenbergstha, GUNZ Gunzen, TRPA Tarpa, etc.

ATH 07:05:31:38.4, 38:50N-20:57E, h11km, ML2.73, Error ellipse: s-maj=2.5km s-min=0.7km az=284.0
ISC 07:05:31:36.70, 9:38:52N-0:02:20:49E, 0.03, h18km, 2km, n45, e1921/68, Greece

Table with columns: FSK, comp=N,29257um,0.4s, AML, AML, 05 31 42.7, EVGI, Lefkada island, 0.17 53 P Pg, etc.

KRSC 07 06:18:10.6.2.1, 49.69N-156.73E, h99km,36km, ML4.4, MOS 07 06:18:10.4.0.8, 49.93N-155.65E, h128km, mb4.1/1, Error ellipse: s-maj=33.5km s-min=5.5km az=68.9

IDC 07 06:18:16.9.3.8, 50.60N-154.90E, h163km,24km, mb3.4/9, mb1.3.7/11, mb1mx3.3/40, mbtmp3.9/11, Error ellipse: s-maj=48.3km s-min=17.2km az=172.0

ISC 07 06:18:12.7.1.7, 49.82N-156.5E, h108km,14km, n51, c1926/77, mb3.99,1D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SKR Severo-Kuril's, 0.94 345 i/PN, etc.

Table with columns: GNL Ganaly, 4.03 12 eP, Pn, 06 19 11.6 -0.8, KIL Karymskiy, 4.64 22 P, Sn, 06 19 21.3 +0.7, etc.

IDC 07 07:05:34.5.0.9, 34.86N-136.13E, h348km,9km, mb2.9/7, mb1.3.7/11, mb1mx2.8/54, mbtmp3.7/11, Error ellipse: s-maj=19.0km s-min=13.2km az=96.0

NIED 07 07:05:35.0.35.04N-135.97E, h344km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mm-2.56; Mm1.84; Mm2.0.72; Mm3-2.61; Mer-0.06; Fault plane solution: Mo4.42000x10^14 NP1: 0.282.00000, 0.68.00000, -1.20.00000. NP2: 0.5159.00000, 0.36.00000, -1.39.00000

JMA 07 07:05:35.0.0.1, 35.04N-135.97E, h344km,1km, M3.5, ISC 07 07:05:34.7.0.8, 34.92N-136.01E, h346km,7km, n27, c084/33, mb3.17, Western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JMT Wachi, 0.62 306 P, S, 07 06 18.7 0.0, etc.

THE 07 07:33:32.5, 38.43N-20.42E, h18km,1km, ML2.7/4, Error ellipse: s-maj=1.8km s-min=0.3km az=121.0

ATH 07 07:33:33.3, 38.45N-20.46E, h11km,1km, ML2.5/7, Error ellipse: s-maj=2.1km s-min=0.7km az=282.0

ISC 07 07:33:31.8-0.9, 38.47N-20.234E, h16km,6km, n34, c1906/61, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, FSK Fiskardo, 0.18 92 P, S, 07 33 37.3 -1.8, etc.

Table with columns: TSLK Tsoukalades, L, 0.44 35 P, Pg, 07 33 41.2 +0.7, etc.

IDC 07 07:50:01.8.0.3, 38.16N-72.87E, h0km, mb5.6/45, mb1.5.7/11, mb1mx3.6/55, mbtmp3.6/51, ML4.7/6, MS7.3/67, Ms1.7.3/67, ms1mx7.3/73, Error ellipse: s-maj=8.8km s-min=7.9km az=6.0

BUI 07 07:50:04.6.0.0, 38.18N-72.91E, h30km, mb6.9/65, mb5.8/63, MS7.7/88, Ms7.7/84

MOS 07 07:50:04.3.1.3, 38.16N-72.91E, h25km, mb6.7/68, MS7.5/91, Error ellipse: s-maj=3.8km s-min=2.9km az=107.8 Broadband fault plane solution: P waves: M2.3000x10^19 NP1: 0.309.00000, 0.88.00000, -1.2.00000. NP2: 2.18.00000, 0.74.00000, -1.2.00000. Principal axes: T P1g10.0000, Azm82.0000; N P1g74.0000, Azm315.0000; P1g13.0000, Azm175.0000

MOS Fault plane solution: P-wave C56, D49, Felt (V) at Sarez, Daraut-Kurgan, Irkeshtam, Bor-Bede; (IV) at Osh; (III-IV) at Dushanbe; (III) at Bishkek, Naryn; (III-III) at Almaty.

NEIC 07 07:50:06.0.1.9, 38.21N-72.78E, h2km,1km, mb6.6/305, Ms_20.7.6/452, Mw7.1/72, Mw7.3/133, Mw7.2(GCMT) Error ellipse: s-maj=5.5km s-min=8.4km az=85.0

BGR 07 07:50:06.9.0.0, 38.60N-73.24E, h22km,2km, mb6.6, mb_BB7.0, Ms7.4

KRNET 07 07:50:06.8.0.1, 38.54N-72.64E, mb6.8, NEIC 07 07:50:07.5, 38.23N-72.75E, h22km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr-0.29; Ms-5.41; Mw-5.70; Mm-0.28; Mm-1.31; Mm-0.12; Fault plane solution: Ms_5.72000x10^19 NP1: 0.308.42000, 0.87.15000, -1.178.35000. NP2: 0.218.34000, 0.88.35000, -1.2.85000. Principal axes: T 5.8504, P1g1.0000, Azm263.0000; N -0.2741, P1g87.0000, Azm8.0000; P -5.5763, P1g3.0000, Azm173.0000

SOME 07 07:50:10.4, 38.50N-73.05E, h5km, MS6.9, NNC 07 07:50:12.2.2.1, 38.73N-72.63E, h0km, mb7.2, mpv6.8, Error ellipse: s-maj=20.6km s-min=11.6km az=158.0

NEIC 07 07:50:12.38.28N-72.72E, h20km, Moment Tensor Solution. Duration: 100 Moment tensor: Scale 10^19Nm; Mr-0.88; Ms-8.83; Mw-6.71; Mm-0.27; Mm-2.72; Mm-1.57; Fault plane solution: Mo7.06000x10^19 NP1: 0.123.00000, 0.82.00000, 1.73.00000. NP2: 0.214.00000, 0.83.00000, 1.8.00000. Principal axes: T 7.5751, P1g11.0000, Azm78.0000; N -1.1749, P1g79.0000, Azm255.0000; P -6.4002, P1g1.0000, Azm348.0000

GCMT 07 07:50:13.5.0.1, 38.39N-72.91E, h12km, MW7.2/165, Moment Tensor Solution. s165.c435; s165.c799; Duration: 96 Moment tensor: Scale 10^20 Nm; Mr-0.11; Ms-6.23; Mw-6.3; Mm-0.63; Mm-0.70; Fault plane solution: Ms_7.0000x10^19 NP1: 0.13.02; Mm-0.30; Mm-0.01; Mm-0.01; Best double couple: Mo.76300x10^20 NP1: 0.212.00000, 0.80.00000, -1.7.00000. NP2: 0.304.00000, 0.83.00000, -1.70.00000. Principal axes: T 0.8070, P1g2.0000, Azm78.0000; N -0.0880, P1g78.0000, Azm338.0000; P -0.7190, P1g12.0000, Azm168.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 07 07:50:14.38.35N-72.88E, h12km, Moment Tensor Solution. Duration: 192 Moment tensor: Scale 10^19Nm; Mr-1.12; Ms-6.23; Mw-7.34; Mm-0.68; Mm-3.06; Mr-1.97; Fault plane solution: Ms_7.0000x10^19 NP1: 0.303.00000, 0.75.00000, 1.80.00000. NP2: 0.330.00000, 0.80.00000, 1.15.00000. Principal axes: T 8.3403, P1g11.0000, Azm259.0000; N -1.2534, P1g75.0000, Azm33.0000; P -7.0869, P1g11.0000, Azm167.0000

NEIC 07 07:50:26.6, 38.81N-72.48E, h18km, Moment Tensor Solution. Moment tensor: Scale 10^20Nm; Mr-0.12; Mm-0.72; Mm-0.83; Mm-0.47; Mm-0.29; Mm-0.33; Fault plane solution: Ms_1.01000x10^20 NP1: 0.308.60000, 0.58.18000, -1.168.39000. NP2: 0.212.42000, 0.80.16000, -1.32.35000. Principal axes: T 0.9487, P1g15.0000, Azm264.0000; N 0.1164, P1g56.0000; P1g17.0000; P -1.0651, P1g30.0000, Azm166.0000

ISC 07 07:50:04.5-0.3, 38.13N-72.89E, h14km,1km, h14km, pp-P, n2544, c2827/2903, mb6.5/472, MS7.6/398, 298C-185D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DRK Karamyk, 1.60 328 P, S, 07 50 28.9 -3.7, etc.

7d 7h

Table with columns: CQ2, Name, Frequency, Mode, Power, Bandwidth, SNR, and other technical details. Includes stations like FRGS Fruska Gora, S/SES Sjenica, and many others.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Bandwidth, SNR, and other technical details. Includes stations like KNMB Chin-men Tao, KEK Kerkira, and many others.

316

Table with columns: Call Sign, Name, Frequency, Mode, Power, Bandwidth, SNR, and other technical details. Includes stations like RICJ Ricice, JETT Jettan, Norway, and many others.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like SDCO, TZIN, A40A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like DWPF, DWPF, DWPF, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like ORTC, FRBT, YOTC, etc.

SJA 07:51:09.4:0.7,31:43S:71:61W, h69km, 6km, ML5.4
MOS 07:51:11.3:1.1, 31:42S:71:35W, h59km, mb.5/8, Error
NEIC 07:07:51.1:1.4, 1.9:1,40S:0:04W, 71:26W, 0.06, h50km, 4km,
mb5/6/380, Mw5/1.50, Mw5/5(GUC), Error ellipse:
s-maj=7.7km s-min=5.9km az=103.0
IDC 07:07:51.1:1.3:0.3, 31:50S:71:37W, h49km, 2km, mb.4/8/14,
mb1 4.9/16, mb1mx4.8/28, mbtmp5.0/16, MS4.3/2,
Ms1 4.3/2, ms1mx3.9/32, Error ellipse: s-maj=18.7km
s-min=11.1km az=68.0

7d 7h

V48A	Smith Brothers	68.33 347	I	Amb	08 02 22.3
MET	Memphis-Engin Basin Creek Fa	68.42 344 68.57 341	P	P	08 02 08.7 +1.0 08 02 09.2 +0.6
CLTN	Cedars of Leba	68.57 347	I	Amb	08 02 23.7
Z35A	Perchaven, San	68.85 337	I	Amb	08 02 26.0
WVT	Waverly	68.91 346	P	P	08 02 10.2 -0.5 08 02 24.2 -0.4
WVT	comp-Z,103nm,1.1s		I	Amb	08 02 25.7
ABTX	Ablene, Hawle	69.05 335	I	Amb	08 02 27.4
ABTX	Ablene, Hawle	69.05 335	P	P	08 02 12.9 +1.2
W41B	Gary Mavity, V	69.05 342	P	P	08 02 12.1 +0.5
R58B	Mineral	69.26 355	I	Amb	08 04 18.2
LOOK	Love County	69.43 337	P	P	08 02 14.6 +0.6 08 02 27.9 -0.1 08 02 29.6
LOOK	comp-Z,90nm,1.5s		I	Amb	08 02 30.3
W39A	Magazine	69.50 341	I	Amb	08 02 30.3
W39A	Magazine	69.50 341	P	P	08 02 15.6 +1.2
T47A	Sharon Grove	69.59 347	I	Amb	08 02 29.9
HICK	Hickman	69.61 345	P	P	08 02 15.1 +0.1 08 02 27.5 +0.3 08 02 31.3
HICK	comp-Z,137nm,1.1s		I	Amb	08 02 30.0
LCAR	Lake Charles	69.62 343	I	Amb	08 02 30.0
R55A	Marlinton	69.79 353	I	Amb	08 04 23.8
PARMO	Parma	69.85 344	I	Amb	08 02 32.0
PBMO	Poplar Bluff	70.12 344	I	Amb	08 02 33.1
X34A	Smith Ranch, M	70.20 337	I	Amb	08 02 34.4
U40A	Yellville	70.33 342	P	P	08 02 19.1 -0.3 08 02 33.1 -0.3 08 02 34.6
U40A	comp-Z,69nm,1.1s		I	Amb	08 02 20.2 +0.7
U40A	Yellville	70.33 342	P	P	08 02 20.2 +0.7
R49A	Shelbyville	70.50 349	I	Amb	08 04 44.8
HHAR	Hobbs	70.56 341	I	Amb	08 02 35.5
WCI	Wyandotte Cave	70.64 348	P	P	08 02 20.6 -0.7 08 02 34.4 -0.8
WCI	comp-Z,207nm,1.9s		I	Amb	08 02 20.6 -0.7 08 02 34.4 -0.8
WCI	Wyandotte Cave	70.64 348	P	P	08 02 20.6 -0.7 08 02 34.4 -0.8
WCI	comp-Z,207nm,1.9s		I	Amb	08 02 20.6 -0.7 08 02 34.4 -0.8
Q52A	Bidwell	70.72 351	I	Amb	08 04 09.4
S44A	Carbondale	70.72 345	I	Amb	08 02 36.7
SIUC	Southern Illin	70.73 345	I	Amb	08 02 36.8
P57A	Homestead Farm	70.78 355	I	Amb	08 02 35.4
OKCFA	Oklahoma City	70.82 338	I	Amb	08 02 37.5
U38A	Gravette	70.83 341	I	Amb	08 04 59.8
MGMO	Mountain Grove	70.93 342	P	P	08 02 23.5 +0.4 08 02 36.9 -0.1
MGMO	comp-Z,79nm,1.4s		I	Amb	08 04 01.9
Q51A	Peebles	70.93 350	I	Amb	08 04 01.9
OK125	Westminster Rd	70.94 338	I	Amb	08 02 38.1
P60A	Greenville	70.94 357	I	Amb	08 03 57.0
P60A	Greenville	70.94 357	P	P	08 02 24.1 +1.0
OK030	Cody Creek RV	71.08 338	I	Amb	08 02 39.1
BCOK	Bluff Creek, N	71.09 338	I	Amb	08 02 39.3
OK031	S. Brethren Rd	71.12 338	I	Amb	08 02 39.4
P53A	Whipple	71.12 352	I	Amb	08 04 06.6
OK034	N. Norfolk Rd.	71.13 338	I	Amb	08 02 39.5
MVL	Millersville	71.17 356	P	P	08 02 24.9 +0.5 08 02 39.2 +0.8 08 03 56.1
MVL	comp-Z,63nm,1.1s		I	Amb	08 02 39.7
OK029	Liberty Lake	71.17 338	I	Amb	08 02 39.7
FVM	French Village	71.26 344	I	Amb	08 02 40.4
P52A	Corning	71.36 351	I	Amb	08 04 06.2
P52A	Corning	71.36 351	P	P	08 02 25.7 +0.1
PAGS	Pennsylvania G	71.42 356	I	Amb	08 03 56.8
MSTX	Muleshoe	71.43 333	I	Amb	08 02 42.1
MSTX	Muleshoe	71.43 333	P	P	08 02 27.2 +0.9
CCM	Cathedral Cave	71.53 344	P	P	08 02 26.9 +0.2 08 02 40.6 0.0 08 02 41.9
CCM	comp-Z,75nm,1.0s		I	Amb	08 03 50.7
O56A	Blue Knob Stat	71.60 354	P	P	08 02 27.9 +0.8
O56A	Blue Knob Stat	71.60 354	P	P	08 02 27.9 +0.8
P49A	Miami Univ. Ec	71.64 349	P	P	08 02 26.9 -0.5
S39A	Solivar	71.71 342	I	Amb	08 02 43.2
LUPA	Lehigh Univ	71.72 357	P	P	08 02 28.2 +0.5
LUPA	comp-Z,53nm,1.0s		I	Amb	08 03 56.8
O52A	Adamsville	71.80 352	I	Amb	08 04 31.9
AMTX	Amarillo	71.82 334	I	Amb	08 02 44.3
Q44A	Meyer Farm, Va	71.83 346	I	Amb	08 04 45.4
SLM	Saint Louis	71.84 345	I	Amb	08 02 43.6
O53A	New Philadelphia	71.85 352	I	Amb	08 04 30.8
O53A	New Philadelphia	71.85 352	P	P	08 02 28.4 -0.2
SSPA	Standing Stone	71.91 355	P	P	08 02 28.2 -0.7 08 03 57.1
SSPA	comp-Z,84nm,1.0s		I	Amb	08 02 29.8 +0.4 08 02 44.6 +0.6
BLOK	Blackwell	71.98 338	P	P	08 02 29.8 +0.4 08 02 44.6 +0.6
R40A	Maddies Statio	72.00 343	I	Amb	08 02 44.6
N58A	Sunbury	72.03 356	I	Amb	08 03 53.7
N59A	State Game Lan	72.05 357	I	Amb	08 03 53.1
N59A	State Game Lan	72.05 357	P	P	08 02 31.1 +1.3
ACSO	Alum Creek Sta	72.06 351	I	Amb	08 02 44.7
P46A	Rosedale	72.16 347	I	Amb	08 04 44.0
ODNJ	Ogdensburg	72.17 357	I	Amb	08 04 07.7
U32A	Winter Ranch	72.21 337	P	P	08 02 31.0 +0.1 08 02 46.5
U32A	comp-Z,102nm,1.2s		I	Amb	08 02 30.7 0.0 08 02 43.9 -0.9 08 04 05.9
TRNY	Table Rock, Ra	72.21 358	P	P	08 02 30.7 0.0 08 02 43.9 -0.9 08 04 05.9
O49A	Covington	72.22 350	I	Amb	08 04 05.9

2015 DEC

121A	Cookes Peak, D	72.30 328	P	P	08 02 32.7 +1.0
121A	comp-Z,57nm,0.8s		I	Amb	08 02 48.2
121A	Cookes Peak, D	72.30 328	P	P	08 02 33.7 +2.0
OK032	Salt Plains WL	72.34 338	I	Amb	08 02 47.1
N53A	Lisiboo	72.36 352	I	Amb	08 04 00.0
KAN17	Caldwell West	72.41 338	I	Amb	08 05 07.6
N54A	Moraine State	72.42 353	I	Amb	08 03 49.5
N54A	Moraine State	72.42 353	P	P	08 02 32.7 +0.7
KAN09	Caldwell North	72.45 338	I	Amb	08 02 47.9
M57A	Sunshine Farm	72.55 355	P	P	08 02 33.4 +0.7 08 02 33.7 +0.4 08 02 47.6 +0.3
KAN06	Argonia West S	72.63 338	P	P	08 02 49.2
KAN08	Anthony Ne Sta	72.65 338	I	Amb	08 04 42.6
P43A	Skaggs, Pawnee	72.65 345	I	Amb	08 04 42.6
N51A	Ashland	72.66 351	I	Amb	08 04 12.7
KSPA	Keystone Colle	72.69 357	I	Amb	08 03 41.3
KAN12	Harper Ne Stat	72.72 338	I	Amb	08 02 49.6
SFIN	Lafayette	72.87 347	P	P	08 02 33.1 -1.5 08 02 47.5 -1.1 08 02 33.7 -1.0
SFIN	Lafayette	72.87 347	P	P	08 02 33.1 -1.5 08 02 47.5 -1.1 08 02 33.7 -1.0
N49A	Columbus Grove	72.91 350	I	Amb	08 04 02.7
O44A	Mansfield	72.92 346	I	Amb	08 04 39.6
M54A	Oil Creek Stat	72.93 353	P	P	08 02 35.3 +0.3
M53A	WI Miller and	72.97 353	I	Amb	08 04 53.0
M53A	WI Miller and	72.97 353	P	P	08 02 35.7 +0.4
N47A	Urbana	73.11 349	I	Amb	08 04 31.2
P40A	Paris	73.12 343	I	Amb	08 02 51.4
M52A	Chesterland	73.14 352	P	P	08 02 35.8 -0.5 08 02 49.8 -0.5 08 03 57.5
M52A	Chesterland	73.14 352	P	P	08 02 35.8 -0.5 08 02 49.8 -0.5 08 03 57.5
M50A	Fremont	73.22 351	I	Amb	08 03 59.5
BINY	Bingham	73.34 356	I	Amb	08 03 47.4
HDIL	Hopedale	73.48 346	P	P	08 02 37.3 -0.9 08 02 51.5 -0.7 08 02 39.7 +1.5
L61B	Northampton	73.48 359	P	P	08 02 39.7 +1.5
TUC	Tucson	73.51 326	P	P	08 02 39.6 +0.9 08 02 52.6 -0.2
TUC	comp-Z,53nm,1.8s		I	Amb	08 02 39.6 +0.9 08 02 52.6 -0.2
TUC	Tucson	73.51 326	P	P	08 02 39.6 +0.9 08 02 52.6 -0.2
HRV	Adam Dzewonsk	73.53 360	I	Amb	08 03 40.7
ERPA	comp-Z,65nm,0.9s		I	Amb	08 03 52.1
K62A	Royalston	73.69 359	I	Amb	08 03 32.5
ANMO	Albuquerque	73.77 331	P	P	08 02 41.3 +0.9
ANMO	comp-Z,110nm,0.8s		I	Amb	08 02 40.5 +0.1 08 02 54.9 +0.6 08 03 41.4
TRY	Troy	73.78 358	I	Amb	08 02 34.1 +0.6
DBIC	Dimbork	73.82 72	P	P	08 02 41.4 +0.6
DBIC	comp-Z,160nm,0.8s,baz=321,slow=6.8,SNR=2.7		I	Amb	08 02 55.5 +0.6
KSU1	Kansas State U	73.95 340	I	Amb	08 04 58.0
L48A	N Adams	73.95 350	I	Amb	08 04 10.2
N41A	Harden Midland	73.96 345	I	Amb	08 04 39.9
R32A	Long Quarter,	73.97 338	I	Amb	08 05 01.8
214A	Organ Pipe Nat	74.21 324	P	P	08 02 45.0 +2.2
L46A	Eue Claire	74.32 349	I	Amb	08 04 37.2
ACCN	Adirondack Co	74.43 358	I	Amb	08 03 40.2
J58A	Remsen	74.47 357	I	Amb	08 02 44.2 +0.2 08 03 28.2
FFD	Franklin Falls	74.49 360	I	Amb	08 04 40.9
N38A	Joos South For	74.61 343	I	Amb	08 03 01.1
CBK8	Cedar Bluff	74.66 337	I	Amb	08 03 01.1
L44A	Lake County Fo	74.77 347	P	P	08 02 44.9 -0.8 08 02 59.6 0.0 08 04 38.1
L44A	Lake County Fo	74.77 347	P	P	08 02 44.9 -0.8 08 02 59.6 0.0 08 04 38.1
L44A	Lake County Fo	74.77 347	P	P	08 02 45.6 -0.1
T25A	Trinidad	74.84 333	I	Amb	08 03 03.1
T25A	Trinidad	74.84 333	P	P	08 02 48.0 +1.4
NCB	Neucomb	75.03 358	I	Amb	08 03 37.8
I63A	Otisfield	75.07 1	P	P	08 02 48.9 +1.4 08 03 35.0
L40A	Anamosa	75.33 345	I	Amb	08 03 03.9
W18A	Petrified Fore	75.34 328	I	Amb	08 03 05.9
W18A	Petrified Fore	75.34 328	P	P	08 02 51.4 +1.9
MAW	Mawson	75.52 164	P	P	08 02 50.2 +0.3
MAW	comp-Z,224nm,0.8s,baz=228,slow=6.8,SNR=14		I	Amb	08 03 03.7 -0.2
MAW	Mawson	75.52 164	P	P	08 02 49.4 -0.4 08 03 02.9 +0.2 08 03 09.7 +0.4 08 02 52.2 +0.9 08 02 52.9 +0.7 08 04 53.0
MAW	comp-Z,82nm,1.2s		I	Amb	08 02 53.7 +1.5
FRNY	Flat Rock	75.88 358	I	Amb	08 03 33.6
JFWS	Jewell Farm	75.94 346	P	P	08 02 52.0 -0.4
JFWS	Jewell Farm	75.94 346	P	P	08 02 52.0 -0.4
GLA	Glamis	76.10 323	P	P	08 02 55.8 +2.1
SADO	Sadova	76.12 354	P	P	08 02 53.7 +0.3
SADO	comp-Z,16nm,0.6s,baz=202,slow=5.8,SNR=16		I	Amb	08 03 07.8 +0.2
G62A	West of Eustis	76.24 1	P	P	08 02 54.4 +0.3
G65A	Princeton	76.30 33	P	P	08 02 54.2 -0.1
S22A	4UR Ranch, Cre	76.33 332	P	P	08 02 56.8 +1.5
IKP	In-Ko-Pah, Jac	76.45 322	P	P	08 02 56.5 +0.8
SWSC	Sam W. Stewart	76.52 323	P	P	08 02 58.1 +2.2
BGNE	Belgrade				

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like AML Almayashu, CHGR Chuyangaron, and various other regional stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like TRKS Chuyangaron, CHGR Chuyangaron, and various other regional stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like KBK Karagaybulak, KBL Kabul, and various other regional stations.

KRNET 07:08:15:0.1, 3.8, 82N, 73.73E, h16km, mb4.7
NNC 07:08:15:17.4, 18.0, 38.77N, 72.96E, h0km, mb4.6, mpv4.2,
Error ellipse: s-maj=142.7km s-min=95.4km az=167.0

ISC 07:08:15:09.5, 2.1, 38.92N, 0.08:73.25E, h3km, mb12km,
n14, c301/28, 21C-7D, Tajikistan-Xinjiang border region

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

ASAR Alice Springs 84.01 126 P P 08 36 39.7 -2.0
ASAR Alice Springs 84.01 126 P P 08 36 40.5 -1.2
PLCA Paso Flores 111.72 253 PKPbc PKPbc 08 44 04.6 -1.0

NEIC 07 08:28:56.8±2.4, 28.53N±0.05:143.0E±0.1, h10km, 1km, mb4.6/7, Error ellipse: s-maj=17.3km s-min=5.6km az=69.0
IDC 07 08:28:56.7±1.0, 28.42N±142.55E, h0km, mb4.1/7, mb1.4, 3/9, mb1mx3.7/85, mbmp4.0/9, ML3.0/2, Error ellipse: s-maj=34.8km s-min=15.7km az=93.0
JMA 07 08:28:58.7±0.1, 28.57N±142.52E, h52km, M4.0
ISC 07 08:28:59.5±0.7, 28.55N±142.7E±0.1, h25km, n30, r173±3, mb4.5/11, Bonin Islands region

Code Station Name Az Phase ID Time Res
CBJ Chichi jima 1.51 197 P Pn 08 29 23.9 -1.0
CBJ Chichijima 1.51 197 Pn 08 29 42.3 -1.5
CBJ Chichijima 1.51 197 Pn 08 29 23.9 -1.0
JCJ 38m,0.3s,baz=284,slo=24,SNR=14
JHH Haha-jima-NKT2 1.96 193 eS Pn 08 29 53.6 -1.3
JAD Odawara 2 7.35 336 P Pn 08 32 15.9 +0.6
JHU Hanno 7.83 339 eS Pn 08 32 15.9 -3.6
JRY Ryogami san 8.10 338 eS Pn 08 32 24.3 -2.0
JAG Ashikaga 8.31 342 P Pn 08 30 58.2 -0.2
JAG Ashikaga 8.31 342 P Pn 08 32 26.8 -4.6
MJAR Matsushiro Arr 8.81 336 eS Pn 08 31 04.7 -0.6
MJAR Matsushiro Arr 8.81 336 Pn 08 31 06.1 +0.8
MAJO Matsushiro 8.81 336 Pn Pn 08 31 06.2 +0.9
JWT Wachi 9.12 319 Pn Pn 08 31 11.7 +2.2
JMM Marumori 9.42 351 Pn Pn 08 31 11.9 -1.7
USRK Ussuriysk Arr. 17.80 304 P Pn 08 33 05.4 0.0
SSLB Suanglung 20.05 261 P Pn 08 33 33.6 +0.9
SSLB Suanglung 20.05 261 Iamb Iamb 08 33 49.2

SONM Songino Array 39.98 315 P P 08 35 42.6 +1.4
WB0 Warramunga Arr 48.69 190 P P 08 37 40.7 -1.1
PSI Prapat 48.86 246 P P 08 37 43.5 +0.1
WR0 Warramunga Arr 48.86 190 P 08 37 42.5 -0.6
WR0 Warramunga Arr 48.86 190 Iamb Iamb 08 38 02.9
WRAB Tennant Creek 48.86 190 P P 08 37 42.1 -1.0
WRAB Tennant Creek 48.86 190 Iamb Iamb 08 37 47.4
WB2 Warramunga Arr 48.87 190 P P 08 37 43.3 +0.1
WB2 Warramunga Arr 48.87 190 Iamb Iamb 08 37 45.2
WRA Warramunga Arr 48.87 190 P P 08 37 42.9 -0.4
WRA Warramunga Arr 48.87 190 P P 08 37 42.0 -1.3
RPSI Rantau Prapat 48.92 246 P P 08 37 43.5 -0.3
ASAR Alice Springs 52.59 190 P P 08 38 10.5 -0.8
PSA00 Pilibara Seismi 54.49 206 P P 08 38 24.7 -0.4
PSA00 Pilibara Seismi 54.49 206 Iamb Iamb 08 38 43.8
COLD Coldfoot 55.18 26 P P 08 38 29.6 -0.1
TABL Table Mountain 58.87 34 P P 08 37 33.9 -2.8
ARCES ARCES Array B 72.31 341 P P 08 40 25.6 +3.0
NVAR Mina Array Bea 79.29 52 P P 08 41 05.1 +1.8
TXAR Lajitas Array 94.40 53 P P 08 42 19.7 +2.0

Code Station Name Az Phase ID Time Res
UCH Uchter 0.52 356 P P 08 31 04.8 -0.7
UCH Uchter 0.52 356 Pn 08 31 12.6 +0.1
UCH Uchter 0.52 356 I PG P 08 31 04.6 -0.8
UCH Uchter 0.52 356 I S P 08 31 12.6 +0.1
UCH Uchter 0.52 356 I P P 08 31 04.3 -1.1
AML Almalyashu 0.78 303 P P 08 31 09.8 -0.4
AML Almalyashu 0.78 303 Pn 08 31 21.7 +0.6
AML Almalyashu 0.78 303 I PG P 08 31 09.8 -0.4
AML Almalyashu 0.78 303 I S P 08 31 22.1 +1.0
AML Almalyashu 0.78 303 I P P 08 31 09.8 -0.4
AAK Ala-Archa 0.93 357 P P 08 31 12.0 -1.0
AAK Ala-Archa 0.93 357 Pn 08 31 12.0 -1.0
AAK Ala-Archa 0.93 357 Pn 08 31 25.6 +0.2
AAK Ala-Archa 0.93 357 Pn 08 31 12.1 -0.9
AAK Ala-Archa 0.93 357 Pn 08 31 26.0 +0.7
AAK Ala-Archa 0.93 357 Pn 08 31 11.9 -1.1
AAK Ala-Archa 0.93 357 Pn 08 31 25.3 -0.1
AAK Ala-Archa 0.93 357 Pn 08 31 12.1 -0.9
AAK Ala-Archa 0.93 357 Pn 08 31 26.0 +0.7
AAK Ala-Archa 0.93 357 I P P 08 31 12.0 -1.0
AAK Ala-Archa 0.93 357 I P P 08 31 25.4 +0.1
KBK Karagaybulak 0.99 16 P P 08 31 12.6 -1.4
KBK Karagaybulak 0.99 16 I S P 08 31 26.6 -0.4
KBK Karagaybulak 0.99 16 I S P 08 31 26.4 -0.6
KBK Karagaybulak 0.99 16 I P P 08 31 12.4 -1.6
SALK Salom-Alik 1.00 215 I P P 08 31 12.5 -1.6
SALK Salom-Alik 1.00 215 eS P 08 31 26.6 -0.6
FRU1 Bishkek 1.10 2 I PG P 08 31 15.5 -0.4
FRU1 Bishkek 1.10 2 I S P 08 31 31.3 +0.2
FRU1 Bishkek 1.10 2 Sn P 08 31 15.5 -0.4
FRU1 Bishkek 1.10 2 Sn P 08 31 32.0 +0.9

FRU1 Bishkek 1.10 2 I P P 08 31 15.5 -0.4
FRU1 Bishkek 1.10 2 I S P 08 31 31.3 +0.2
EKSS Erkin-Say 1.12 329 P P 08 31 16.0 -0.2
EKSS Erkin-Say 1.12 329 I S P 08 31 32.3 +0.7
EKSS Erkin-Say 1.12 329 I P P 08 31 16.0 -0.2
EKSS Erkin-Say 1.12 329 I P P 08 31 32.6 +1.0
BOOM Boomsboye usch 1.29 52 PG Pn 08 31 16.7 -1.9
BOOM Boomsboye usch 1.29 52 Pn Pn 08 31 16.7 -1.9
BOOM Boomsboye usch 1.29 52 I eP Pn 08 31 16.6 -2.1
CHMS Chumysh 1.30 6 P S P 08 31 33.7 -1.8
CHMS Chumysh 1.30 6 I S P 08 31 18.3 -0.4
CHMS Chumysh 1.30 6 I PG Pn 08 31 18.3 -0.4
CHMS Chumysh 1.30 6 I S Pn 08 31 18.3 -0.4
CHMS Chumysh 1.30 6 I P S Pn 08 31 18.3 -0.4
ULHL Ulahol 1.36 66 I P Pn 08 31 17.0 -2.7
ULHL Ulahol 1.36 66 I P Pn 08 31 34.7 -2.9
ULHL Ulahol 1.36 66 I PG Pn 08 31 17.4 -2.3
ULHL Ulahol 1.36 66 I S Pn 08 31 35.2 -2.4
ULHL Ulahol 1.36 66 I P S Pn 08 31 17.4 -2.3
TKM2 Tokmak 2 1.43 32 P Pn 08 31 19.7 -1.0
TKM2 Tokmak 2 1.43 32 I S Pn 08 31 38.3 -1.2
TKM2 Tokmak 2 1.43 32 I PG Pn 08 31 19.9 -0.8
TKM2 Tokmak 2 1.43 32 I S Pn 08 31 39.1 -0.4
TKM2 Tokmak 2 1.43 32 I P S Pn 08 31 19.7 -1.0
TKM2 Tokmak 2 1.43 32 I P S Pn 08 31 38.1 -1.4
TKM2 Tokmak 2 1.43 32 I P Pn 08 31 19.9 -0.8
TKM2 Tokmak 2 1.43 32 I S Pn 08 31 39.1 -0.4
MRKS Merke 1.44 317 eP P 08 31 22.0 +0.4
MRKS Merke 1.44 317 eS P 08 31 22.0 +0.6
USP Ospenovka 1.56 358 I P P 08 31 23.2 -0.4
USP Ospenovka 1.56 358 I Pn P 08 31 23.2 -0.4
USP Ospenovka 1.56 358 I P P 08 31 23.2 -0.4
USP Ospenovka 1.56 358 I P S P 08 31 23.2 -0.4
USP Ospenovka 1.56 358 I P P 08 31 23.2 -0.4
KST Kastek 1.69 37 eP P 08 31 24.8 +0.6
KST Kastek 1.69 37 eS P 08 31 46.5 -0.5
MNAS Manas 1.72 298 ePn P 08 31 26.9 +0.4
MNAS Manas 1.72 298 I S P 08 31 51.5 +1.0
MNAS Manas 1.72 298 I eP P 08 31 26.7 +0.2
SGDS Sogindy 1.75 1 eP P 08 31 51.2 +0.7
SGDS Sogindy 1.75 1 eP P 08 31 26.1 -0.8
DGS Degeres 1.77 30 eP P 08 31 26.9 -0.5
DGS Degeres 1.77 30 eS P 08 31 50.0 +0.5
OHH Osh 1.79 229 ePn P 08 31 27.0 -0.5
OHH Osh 1.79 229 I S P 08 31 51.7 -0.9
OHH Osh 1.79 229 I P P 08 31 27.1 -0.5
SFK Sufi-Kurgan 1.87 206 I P Pn 08 31 27.8 +1.0
SFK Sufi-Kurgan 1.87 206 I eS P 08 31 52.9 +0.5
KDJ Kajisay 2.00 77 Pn Pn 08 31 28.6 +0.2
KDJ Kajisay 2.00 77 I P Pn 08 31 28.5 +0.2
KDJ Kajisay 2.00 77 I P Pn 08 31 28.6 +0.2
IZV Izvestkoviy 2.02 48 eP P 08 31 30.1 -1.4
IZV Izvestkoviy 2.02 48 eS P 08 31 55.5 -1.0
KRBS Karabastau 2.15 22 eP P 08 31 33.6 -0.1
KRBS Karabastau 2.15 22 eS P 08 32 01.3 +1.1
KRBS Karabastau 2.15 22 P P 08 31 33.6 -0.1
KRBS Karabastau 2.15 22 P P 08 32 01.3
TNSS Tian-Shan 2.21 52 eP P 08 31 33.5 -1.4
TNSS Tian-Shan 2.21 52 eS P 08 32 01.5 -0.7
TNSS Tian-Shan 2.21 52 eP P 08 31 33.8 -1.1
TNSS Tian-Shan 2.21 52 eLg P 08 32 03.3
TNSS Tian-Shan 2.21 52 P P 08 31 33.5 -1.4
AAA Alma-Ata 2.30 48 eP P 08 31 35.8 -0.3
AAA Alma-Ata 2.30 48 eS P 08 32 05.9 +1.5
AAA Alma-Ata 2.30 48 eP P 08 31 35.2 -1.0
AAA Alma-Ata 2.30 48 eLg P 08 32 05.9
AAA Alma-Ata 2.30 48 ePn P 08 31 35.1 -1.0
AAA Alma-Ata 2.30 48 P P 08 31 35.8 -0.3
KNC D Almaty 2.33 49 I P Pn 08 31 34.4 +1.5
KNC D Almaty 2.33 49 I P Pn 08 32 07.5
MDOK Medeo 2.34 51 eP P 08 31 36.0 -1.0
MDOK Medeo 2.34 51 eS P 08 32 05.6 -0.3
MDOK Medeo 2.34 51 eP P 08 31 35.6 -1.4
MDOK Medeo 2.34 51 eP P 08 31 36.1 +3.0
MDOK Medeo 2.34 51 eLg P 08 32 07.4
MDOK Medeo 2.34 51 ePn P 08 31 35.5 -1.4
MDOK Medeo 2.34 51 I P Pn 08 31 35.5 -1.6
MDOK Medeo 2.34 51 I P Pn 08 32 06.8
MDOK Medeo 2.34 51 P P 08 31 36.0 -1.0
MDOK Medeo 2.34 51 P P 08 32 05.6
TARG Taragay, Kyrgy 2.42 88 Pn Pn 08 31 34.7 +0.2
TARG Taragay, Kyrgy 2.42 88 I eP Pn 08 31 34.2 -0.3
TARG Taragay, Kyrgy 2.42 88 I S Pn 08 32 04.2 +0.1
KOTS Kotsybulak 2.42 50 eP P 08 31 38.1 -0.3

KOTS Kotsybulak 2.42 50 eS P 08 32 09.4 +1.2
KOTS Kotsybulak 2.42 50 P P 08 31 38.1 -0.3
KOTS Kotsybulak 2.42 50 Lg P 08 32 09.4
KSH Kashi 2.43 153 Pn Pn 08 31 42.2 +0.6
KSH Kashi 2.43 153 S S P 08 32 13.8 +0.6
KSH Kashi 2.43 153 S S P 08 31 32.6 +1.0
KSH Kashi 2.43 153 S S P 08 31 32.6 +1.0
KSH Kashi 2.43 153 S S P 08 31 32.6 +1.0
KTBS Karatobe 2.54 37 eP P 08 31 40.6 +0.3
KTBS Karatobe 2.54 37 eS P 08 32 13.2 +1.8
KTBS Karatobe 2.54 37 P P 08 31 40.6 +0.3
KTBS Karatobe 2.54 37 P P 08 32 13.2
ANVS Anan'yev 2.54 64 eP Pn 08 31 36.4 +0.5
ANVS Anan'yev 2.54 64 I S Pn 08 32 07.6 +0.9
ANVS Anan'yev 2.54 64 I eP Pn 08 31 36.4 +0.5
ANVS Anan'yev 2.54 64 I S Pn 08 32 07.6 +0.9
KUU Kurly 2.54 30 eP P 08 31 40.4 0.0
KUU Kurly 2.54 30 eS P 08 32 13.2 +1.6
KUU Kurly 2.54 30 eP P 08 31 39.5 -0.9
KUU Kurly 2.54 30 eLg P 08 32 13.8
KUU Kurly 2.54 30 ePn P 08 31 39.5 -0.9
KUU Kurly 2.54 30 ePn P 08 32 13.7
KUU Kurly 2.54 30 P P 08 31 40.4 0.0
KUU Kurly 2.54 30 Lg P 08 32 13.2
TRKS Terek-Say 2.58 267 eP P 08 31 38.9 -2.1
TRKS Terek-Say 2.58 267 eS P 08 32 12.0 -0.6
TRKS Terek-Say 2.58 267 I eP P 08 31 38.9 -2.1
DZA Taraz 2.68 297 eP P 08 31 44.3 +1.7
DZA Taraz 2.68 297 eS P 08 32 19.9 -1.1
DZA Taraz 2.68 297 eP P 08 31 42.5 -0.2
DZA Taraz 2.68 297 eP P 08 31 43.6 -2.7
DZA Taraz 2.68 297 ePn P 08 31 42.4 -0.2
PRZ Przhval'sk 2.96 73 Pn Pn 08 31 43.5 +1.9
PRZ Przhval'sk 2.96 73 Pn Pn 08 31 43.5 +1.9
PRZ Przhval'sk 2.96 73 I Pn Pn 08 31 42.0 +0.4
PRZ Przhval'sk 2.96 73 I S Pn 08 31 47.4 +0.5
DRK Karamyk 3.06 224 eP P 08 31 45.5 +2.3
DRK Karamyk 3.06 224 I eP P 08 31 44.9 +1.7
DRK Karamyk 3.06 224 I S P 08 32 22.7 +2.9
SATY Saty 3.15 63 eP P 08 31 50.5 -0.2
SATY Saty 3.15 63 eS P 08 32 30.2 +1.2
SATY Saty 3.15 63 eP P 08 31 50.2 -0.6
SATY Saty 3.15 63 ePn P 08 31 50.1 -1.6
SATY Saty 3.15 63 P P 08 31 50.5 -0.2
SATY Saty 3.15 63 Lg P 08 32 30.2
KURS Kuran 3.20 55 eP P 08 31 51.9 +0.3
KURS Kuran 3.20 55 eS P 08 32 32.6 +2.2
KURS Kuran 3.20 55 P P 08 31 51.9 +0.3
KURS Kuran 3.20 55 P P 08 32 32.6
BTK Batken 3.29 241 Pn Pn 08 31 43.4 -2.7
BTK Batken 3.29 241 Pn Pn 08 31 43.4 -2.7
BTK Batken 3.29 241 I Pn Pn 08 31 48.2 +2.2
BTK Batken 3.29 241 I S Pn 08 32 28.5 +3.6
KK02 Karatay Array 3.31 296 I P P 08 31 56.1 -2.3
KK02 Karatay Array 3.31 296 I P P 08 32 41.1
KKAR Karatay Array 3.31 296 Pn Pn 08 31 47.8 +1.4
KKAR Karatay Array 3.31 296 Pn Pn 08 31 47.8 +1.4
BTLS Baital 3.36 354 eP P 08 31 55.6 +1.4
BTLS Baital 3.36 354 eS P 08 32 39.1 -3.6
BTLS Baital 3.36 354 eP P 08 31 53.2 -1.0
BTLS Baital 3.36 354 eP P 08 31 55.9 -3.3
BTLS Baital 3.36 354 eP P 08 31 53.2 -1.0
BTLS Baital 3.36 354 eP P 08 31 55.8
BTLS Baital 3.36 354 eP P 08 31 55.6 +1.4
ARXS Arhary 3.46 43 eP P 08 31 56.1 +0.1
ARXS Arhary 3.46 43 eS P 08 32 40.4 +2.4
ARXS Arhary 3.46 43 ePn P 08 31 50.0 +1.5
ARXS Arhary 3.46 43 P P 08 31 56.1 +0.1
ARXS Arhary 3.46 43 Lg P 08 32 40.4
KPKS Kokpek 3.51 59 eP P 08 31 57.0 +1.4
KPKS Kokpek 3.51 59 eS P 08 32 41.5 +2.0
KPKS Kokpek 3.51 59 eP P 08 31 57.2 +0.3
KPKS Kokpek 3.51 59 ePn P 08 31 57.2 +0.3
UZB Uzunbulak 3.60 65 eP P 08 31 58.1 -0.3
UZB Uzunbulak 3.60 65 eS P 08 32 43.5 +1.6
UZB Uzunbulak 3.60 65 eP P 08 31 59.6 +1.1
UZB Uzunbulak 3.60 65 ePn P 08 31 59.5 +1.1
UZB Uzunbulak 3.60 65 P P 08 31 58.1 -0.3
UZB Uzunbulak 3.60 65 Lg P 08 32 43.5
BLB Baldybastay 3.74 49 P P 08 32 00.7 -0.1
BLB Baldybastay 3.74 49 Lg P 08 32 48.2
CHM Chiment 3.75 281 eP P 08 32 05.4 -1.4
CHM Chiment 3.75 281 eS P 08 32 55.6 +0.3
SHLS Shalkode 3.90 67 eP P 08 32 08.6 -1.1
SHLS Shalkode 3.90 67 eS P 08 33 01.2 +1.0
SHLS Shalkode 3.90 67 eP P 08 32 05.9 +2.3
SHLS Shalkode 3.90 67 ePn P 08 32 05.8 +2.3
SHLS Shalkode 3.90 67 P P 08 32 08.6 -1.1
SHLS Shalkode 3.90 67 Lg P 08 33 01.3
TAS Tashkent 3.98 266 Pn Pn 08 31 56.5 +1.0
TAS Tashkent 3.98 266 Pn Pn 08 31 56.5 +1.0
PDGK Podgornoye 3.98 64 P P 08 32 05.6 +0.6
PDGK Podgornoye 3.98 64 I Pn Pn 08 31 56.6 +0.9

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PDGK, GAR, TDK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RAMN, TAPN, LSA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PRGR, ANN, HHC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like APA, VSU, ISAL, ODBI, TESR, VRI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SELS, GRUS, TRUS, VYHS, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NBO00, MOA, CLL, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like O19K Port Alsworth, O18K Koktuh Hills, PAX Paxson, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like CTGM Chitina Glacie, ISLE Juniper Island, WAX Waxal Ridge, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like ULM, TRQ Mont Tremblant, TRQ Mont Orofino, etc.

2015 DEC

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like Canovanas, Guaynabo City, Esperanza, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like Sonm Sogino Array, NRIK, FINESS Array S, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like TKM2, CHM, KST, CEP, etc.

IDD 07 08:54:10.3-1.1, 38.52N-73.25E, h0km, mb4.0/12, mb1.4/19, mb1mx3.9/5.1, mbtmp4.0/19, ML3.7/7, Error ellipse: s-maj=18.5km s-min=16.7km az=40.0

NEIC 07 08:54:14.3-2.6, 38.82N-0.04-73.11E-0.07, h10km, 1km, mb4.4/12, Error ellipse: s-maj=10.6km s-min=4.3km az=129.0

KRNET 07 08:54:15.8-0.1, 38.75N-73.13E, mb4.4

ISC 07 08:54:13.7-0.6, 38.74N-0.05-73.27E-0.04, h10km, n64, r181/72, mb4.1/16, 11C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Frequency, Mode, Band, and other technical details. Includes stations like DRK Karamyk, BTK Batken, GAR Garm, etc.

SOME 07 08:55:42.8, 38.78N-72.85E, h5km, MS4.8

KRNET 07 08:55:45.0-0.1, 38.49N-73.55E, mb5.1

IDD 07 08:55:46.4-0.6, 38.68N-73.23E, h0km, mb4.4/24, mb1.4/5.9/1, mb1mx4.4/5.0, mbtmp4.5/3.1, ML4.0/5, MS5.8/1, Ms1.5/8.1, ms1mx5.1/5.4, Error ellipse: s-maj=12.8km s-min=10.5km az=16.0

BUI 07 08:55:46.2-0.0, 38.65N-73.18E, h7km, mb4.7/37, ML4.6/6

NEIC 07 08:55:48.4-2.0, 38.58N-0.05-73.27E-0.02, h10km, 1km, mb4.7/64, Error ellipse: s-maj=8.5km s-min=3.4km az=357.0

MOS 07 08:55:50.2-1.6, 38.72N-73.46E, h33km, mb4.9/28, Error ellipse: s-maj=5.4km s-min=4.0km az=84.1

NNC 07 08:56:13.4-3.9, 40.03N-72.46E, h0km, mb5.4, mpv4.7, Error ellipse: s-maj=41.8km s-min=25.8km az=171.0

ISC 07 08:55:47.7-0.3, 38.59N-0.02-73.36E-0.02, h10km, n323, r22/351, mb4.7/89, MS6.0/4, 34C-19D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Frequency, Mode, Band, and other technical details. Includes stations like DRK Karamyk, KSH Kashi, GAR Garm, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like TKM2, CHM, KST, CEP, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MK31, BRZS, WMQ, GEYT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LZH, TLY, KIROV, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL, NC602, KBA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like BELG, GTA, RAYN, KIRV, etc.

IDC 07 09:18:50.6:1.1, 39.00N:73.24E, h0km, mb4.0/6, mb1 4.1/8, mb1mx3.7/46, mbtmp4.0/8, ML3.4/2, Error ellipse: s-maj=27.4km s-min=18.5km az=93.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like SFK, OHH, DRK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like BTK, GAR, AML, UCH, etc.

IDC 07 09:20:31.1:1.1, 38.05N:72.94E, h0km, mb4.0/12, mb1 4.2/18, mb1mx3.9/51, mbtmp4.0/18, ML3.7/5, Error ellipse: s-maj=18.1km s-min=16.2km az=176.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like DRK, GAR, OHH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like SONM, FINES, ARCES, etc.

IDC 07 09:24:50.2:0.5, 38.45N:73.13E, h0km, mb4.4/31, mb1 4.5/38, mb1mx4.4/49, mbtmp4.4/38, ML4.1/7, MS5.7/3, Ms1 5.7/3, ms1mx4.7/71, Error ellipse: s-maj=11.1km s-min=9.6km az=17.0

Some 07 09:24:52.1, 38.77N:73.08E, h10km, MS4.5, MOS 07 09:24:52.6:1.9, 38.59N:73.24E, h21km, mb4.9/33, Error ellipse: s-maj=5.5km s-min=4.0km az=93.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like DRK, SFK, OHH, etc.

7d 9h

2015 DEC

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like KKAR Karatay Array, SGDS Sogindya, KK09 Karatay Array, DGS Degeres, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like NDI, AYAN, MAKZ, MK31, MKAR, MKAR, MKAR, etc.

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

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MURB, TEOL, RETA, FETA, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EKS2, AAK, AAK, etc.

KRNET 07 09:32:45.1±0.1, 42:110N×76:24E, h20km, mb2.2, 4C-4D,

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

IDC 07 09:36:06.9±5.1, 38:39N×72:95E, h0km, mb3.9/2, mb1.3/5, mb1mx3.4/69, mbtmp3.7/5, ML3.1/3, Error ellipse: s-maj=83.2km s-min=31.3km az=5.0

KRNET 07 09:36:09.8±0.1, 38:56N×73:32E, h0km, mb4.4, mpv4.0, NNC 07 09:36:16.8±2.7, 38:52N×73:25E, h0km, mb4.4, mpv4.0, Error ellipse: s-maj=19.8km s-min=13.1km az=17.1

ISC 07 09:36:14.3±1.5, 38:59N×0:09, 73:27E, 0.06, h10km, n30, 157:33, 15C-10D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DRK, GAR, BTK, etc.

Table with columns: Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like VVDA, MAW, ILAR, KLMR, ARCES, QSPA, AKASG, SNAE, VNA2, TXAR, TORO, TORO, etc.

IDC 07 09:44:07.0,2.0,8,16:93N:98.62W, h50km,4km, mb4,1/17, mb1,4.2/21, mb1mx3,9/53, mbtmp4,3/21, Error ellipse: s-maj=18.9km s-min=9.7km az=22.0 MEX 07 09:44:07.0,0.9,16:97N:98.74W, h45km,6km, MD4.7 NEIC 07 09:44:08.0,3.0,16:98N:0.1x99.0W:0.1, h61km,6km mb4,7/14.5, MD4,7/12(MEX), Error ellipse: s-maj=21.4km s-min=10.3km az=215.0

ISC 07 09:44:06.8,0.5,16:95N:0.003,98.74W,0.03, h45km,3km, n334, s123/305, mb4,6/69, Near coast of Guerrero

Main table of station data with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like MGIG, CRIG, TLIG, PNI, HMTT, DAIG, TXIG, AC2P, FTIG, YOIG, HLIG, MEIG, CAIG, PLIG, VHO, OXBJ, OXLC, TOIG, ARIG, UNM, UNM, OZM, ZLIG, MOIG, CMIG, APG, HPG, TXAR, JCT, JCT, 435B, 435B, 441A, WHTX, WHTX, NATX, NATX, 237A, 342A, ABTX, ABTX, ABTX, MNTX, MNTX, RIMA, 344A, 344A, Z35A, VBMS, 241A, 319A, MSTX, MSTX, 121A, 121A, 121A, X34A, X34A, 146A, 146A, CCAR, MIAR, MIAR, MIAR, X40A, BNM, OK025, BCOK, W39A, etc.

Main table of station data with columns: Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like W39A, TUC, TUC, OK029, OK030, W41B, OK034, WHAR, WHAR, ANMO, ANMO, ANMO, 214A, HHAR, FCAR, FCAR, T35A, U40A, PLAL, X48A, X48A, T25A, T25A, X16A, MGMO, PBMO, T42A, S39A, S39A, UTMT, R32A, R32A, GOGA, WVT, WVT, WVT, SDCO, SDCO, GLA, GLA, WUAZ, WUAZ, S22A, MVCO, MVCO, R40A, R40A, CCM, CCM, PDMCI, KSU1, KSU1, SWSC, IKP, FVM, KSCO, BC3, MONP, IRM, SLM, TKL, TKL, TKL, 109C, BELC, TPFO, PFO, PFO, P40A, P40A, GMRC, MURC, ISCO, ISCO, KNB, KNB, BBRC, LCMT, HEC, WCI, KMSC, KMSC, TUQ, MTPU, CIS, SZCU, N38A, SHPR, SRU, GSC, Q16A, SHOC, O20A, O20A, etc.

Main table of station data with columns: Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like U54A, N23A, P18A, TMUT, EDW2, QSM, QSM, HDIL, LRM, LRM, MPMC, SCIA, RDMU, SFIN, ARVC, P49A, ISA, NLU, Q51A, SPR3, BLA, CWC, R11A, PKM, VES, VES, K3A, DUG, DUG, CTU, Q52A, T57A, TIN, K22A, TPH, ECSD, ECSD, JFWS, ACCSO, MLAC, BW06, PDAR, PDAR, NV11, NVAR, NVAR, NVAR, ELK, ELK, ELK, KVN, REDW, SNOW, LOHW, O56A, RLMT, M54A, YMR, HLID, SSPA, SSPA, GLMI, BOZ, DLMT, J08A, AGMN, AGMN, PLID, BINY, BMO, EGMT, MSO, MSO, F10A, JMTT, LONY, HRV, F05D, B05A, FFC, FFC, SCHO, SCHO, YKA, YKA, DLBC, etc.

2015 DEC

Table with columns: DLBC, Dease Lake, 47.42 338, Iamb, Iamb, 09 53 03.0, SIT, Sitka, 48.51 334, P, P, 09 52 47.1 +2.2, WRGL, Wrigley, 49.31 346, P, P, 09 52 52.3 +1.3, P33M, Teslin, Yukon, 49.70 338, P, P, 09 52 55.5 +1.3, WHY, Whitehorse, 50.74 338, P, P, 09 53 03.4 +1.2, FARO, Faro, Yukon, 51.32 340, P, P, 09 53 07.7 +1.3, N31M, Braeburn, Yuko, 51.63 338, P, P, 09 53 10.2 +1.5, M31M, Drury Creek, Y, 51.65 340, P, P, 09 53 10.3 +1.5, HYT, Haines Junctio, 51.81 337, P, P, 09 53 10.6 +0.4, PNL, Peninsula, 51.82 335, P, P, 09 53 12.0 +1.9, YUK6, Outpost Mounta, 52.21 337, P, P, 09 53 15.0 +1.7, PINM, Pinnacle, 52.42 335, P, P, 09 53 16.5 +1.8, YUK4, Talbot Arm, 52.58 337, P, P, 09 53 17.8 +1.9, M30M, Minto, Yukon, 52.72 339, P, P, 09 53 18.5 +1.7, MAYO, Mayo, Yukon, 53.12 340, P, P, 09 53 21.2 +2.1, CTG, Chitna Glacier, 53.38 336, P, P, 09 53 22.7 +1.0, YUK3, Moose Creek, 53.52 337, P, P, 09 53 24.3 +1.4, HO3N2, Juan Fernandez, 53.55 159, T, T, 10 50 34.0, HO3N1, Juan Fernandez, 53.56 159, T, T, 10 50 34.3, HO3N3, Juan Fernandez, 53.57 159, T, T, 10 50 33.3, CROE, Cirque, 53.95 335, P, P, 09 53 26.6 +0.6, BVCY, Beaver Creek, 54.06 337, P, P, 09 53 28.2 +1.5, MCARA, McCarthy VSAT, 54.28 336, P, P, 09 53 30.0 +1.8, M27K, Edge Creek, AK, 54.31 337, P, P, 09 53 31.3 +2.0, DAWY, Dawson, 54.59 339, P, P, 09 53 31.1 +0.7, L27K, Beaver Creek, 54.81 338, Iamb, Iamb, 09 53 35.2, L27K, Beaver Creek, 54.81 338, P, P, 09 53 33.5 +1.4, M26K, Nabesna, AK, 54.86 337, P, P, 09 53 34.1 +1.7, EYAK, Cordova Ski Ar, 54.95 334, P, P, 09 53 34.0 +1.0, N25K, Chitna, Valde, 55.03 335, P, P, 09 53 36.1 +2.3, I29M, Ogilvie Camp, 55.09 341, P, P, 09 53 34.4 +0.4, EPYK, Eagle Plains, 55.30 342, P, P, 09 53 35.8 +0.2, L26K, Log Cabin Wild, 55.35 337, P, P, 09 53 36.9 +0.9, KLU, Klutina, 55.51 335, P, P, 09 53 39.0 +1.8, EGAK, Eagle, 55.63 340, Iamb, Iamb, 09 53 39.3, EGAK, Eagle, 55.63 340, P, P, 09 53 38.8 +0.9, HARP, HAARP, 55.69 336, P, P, 09 53 39.5 +1.2, INK, Inuvik, 55.86 345, P, P, 09 53 39.7 +0.2, INK, Inuvik, 55.86 345, P, P, 09 53 39.9 +0.4, PAX, Paxson, 56.12 336, P, P, 09 53 42.5 +0.9, SCRK, Sand Creek, 56.13 338, P, P, 09 53 43.3 +1.6, SCRK, Sand Creek, 56.13 338, Iamb, Iamb, 09 53 44.1, SCRK, Sand Creek, 56.13 338, P, P, 09 53 42.3 +0.6, J26L, Joseph Creek, 56.29 338, P, P, 09 53 43.5 +0.8, RIDG, Independent RI, 56.31 337, P, P, 09 53 42.5 -0.4, WAT6, Susitna Watana, 56.81 335, P, P, 09 53 47.3 +0.8, PMR, Palmer, 56.89 334, P, P, 09 53 47.7 +0.8, RCHY, Rabbit Creek A, 56.91 333, P, P, 09 53 47.7 +0.6, D001, Denali Highway, 56.92 336, P, P, 09 53 47.5 +0.2, A36M, Sachs Harbour, 57.19 350, P, P, 09 53 48.5 -0.4, A36M, Sachs Harbour, 57.19 350, P, P, 09 53 48.8 -0.1, WAT1, Susitna Watana, 57.26 335, P, P, 09 53 49.4 -0.1, HDA, Harding Lake, 57.45 337, Iamb, Iamb, 09 53 52.4, HDA, Harding Lake, 57.45 337, P, P, 09 53 50.5 -0.4, ILAR, Eielson Array, 57.63 338, P, P, 09 53 52.5 +0.4, ILAR, Eielson Array, 57.63 338, P, P, 09 54 06.8 +1.6, ILAR, Eielson Array, 57.63 338, P, P, 09 53 51.2 -0.8, RND, Reindeer, 57.66 336, Iamb, Iamb, 09 53 54.6, RES, Resolute Bay, 57.79 1, P, P, 09 53 52.1 -0.9, RES, Resolute Bay, 57.79 1, P, P, 09 53 52.5 -0.5, MCK, McKinley, 57.85 336, P, P, 09 53 53.9 +0.1, WRH, Wood River Hill, 57.91 337, Iamb, Iamb, 09 53 55.5, POKR, Poker Plat Res, 58.01 338, P, P, 09 53 55.6 +0.8, COLA, College, 58.03 338, P, P, 09 53 55.2 +0.3, TCOL, CIGO, UAF Yank, 58.03 338, P, P, 09 53 55.5 +0.6, SPCR, Spurr Chakacha, 58.04 333, P, P, 09 53 55.5 +0.4, TRF, Thorofare Moun, 58.25 336, P, P, 09 53 57.2 +0.5, NEA2, Nenana, 58.34 337, Iamb, Iamb, 09 54 19.8, NEA2, Nenana, 58.34 337, P, P, 09 53 57.6 +0.5, H24K, Noodor Dome, 58.55 339, P, P, 09 53 59.5 +0.9, H23K, Minto, Yukon-K, 58.52 338, P, P, 09 53 59.9 +0.2, N19K, Bonanza Creek, 58.90 332, P, P, 09 54 01.2 0.0, MLY, Manley, 59.17 337, P, P, 09 54 03.1 +0.2, M19K, Big River Lodg, 59.28 333, P, P, 09 54 03.8 +0.2, L20K, Farewell, AK, 59.29 334, P, P, 09 54 04.2 +0.4, L19K, White Mountain, 59.59 333, P, P, 09 54 06.8 +1.0, BDFB, Brasilia, 59.59 120, P, P, 09 54 05.9 -0.7, I21K, Tanana, 59.71 337, Iamb, Iamb, 09 54 07.5, I21K, Tanana, 59.71 337, P, P, 09 54 07.0 +0.5, K20K, Telida, 59.73 335, P, P, 09 54 07.0 +0.2, COLD, Coldfoot, 60.07 339, P, P, 09 54 08.6 -0.4, COLD, Coldfoot, 60.07 339, Iamb, Iamb, 09 54 11.7, COLD, Coldfoot, 60.07 339, P, P, 09 54 09.6 +0.7, J20K, Nowinta River, 60.10 335, P, P, 09 54 09.0 -0.3, J20K, Nowinta River, 60.10 335, P, P, 09 54 09.6 +0.3, H21K, Melozitna Rive, 60.23 337, P, P, 09 54 10.1 0.0, TTA, Tatalina, 60.37 334, P, P, 09 54 11.0 -0.2

Table with columns: TOLK, Toolik Lake Re, 60.59 341, P, P, 09 54 13.2 +0.6, TNA, Tin City, 66.11 335, P, P, 09 54 49.9 +0.9, ESDC, Sonseca Array, 82.95 51, P, P, 09 56 27.0 -0.4, ESDC, comp=Z, 2.2nm, 0.9s, baz=303, slow=4.9, SNR=7.5, P, P, 09 56 40.8 -0.4, SEY, Seymchan, 83.34 334, P, P, 09 56 29.0 +0.2, PETK, Petropavlovsk-, 84.50 324, P, P, 09 56 33.4 -1.6, GERES, GRESS Array B, 91.37 38, P, P, 09 57 06.5 -1.6, TORD, Torodi Ar. Bea, 95.93 74, P, P, 09 57 29.1 -0.6, HHC, Hu-ho-hao-te, 115.98 335, ePKP, PKPdf, 10 02 47.8 +2.5, HHC, Hu-ho-hao-te, 115.98 335, SS, SS, 10 04 03.8 +1.5, HHC, Hu-ho-hao-te, 115.98 335, SS, SS, 10 19 57.3 +1.0, HHC, comp=Z, 9um, 14.4s, LR, LR, HHC, comp=N, 3um, 21.0s, LR, LR, HHC, comp=E, 3um, 20.1s, LR, LR, STKA, Stephens Creek, 123.73 243, PKP, PKiKp, 10 03 00.4 0.0, STKA, comp=Z, 2.2nm, 1.2s, baz=90, slow=9.1, SNR=3.5, pPKP, pPKPdf, 10 03 13.9 -0.5, WRA, Warramunga Arr, 129.73 258, PKP, PKPdf, 10 03 11.9 -0.1, WRA, comp=Z, 1.6nm, 0.8s, baz=265, slow=2.5, SNR=17, pPKP, pPKPdf, 10 03 26.1 -0.1, WRA, Warramunga Arr, 129.73 258, PKP, PKiKp, 10 03 12.6 -0.1, ASAR, Alice Springs, 130.40 253, PKP, PKPdf, 10 03 13.3 +0.1, ASAR, comp=Z, 1.2nm, 0.9s, baz=83, slow=1.9, SNR=7.4, pPKP, pPKPdf, 10 03 27.2 -0.1, CMAR, Chiang Mai Arr, 140.75 333, PKP, PKPdf, 10 03 32.8 +0.2, HYB, Hyderabad, 145.75 5, iPKP, PKPdf, 10 03 40.0 -1.4, IDC 07 09:44:05.9.1.4.2.7.74N:139.57E, h448km, 17km, mb3.2/6, mb1.3/8, mb1mx3.8/69, mbtmp4.0/8, Error ellipse: s-maj=45.1km s-min=31.1km az=39.0, JMA 07 09:44:09.3.0.1.28.51N:139.33E, h425km, M3.3, ISC 07 09:44:08.6.0.9.28.5N:07140.1E:0.2, h450km, n14, c185/19, mb3.6/6, Bonin Islands region, Code Station Name Az AZZ Op Phase ID Time Res h m s ISC, CBJJ Chichi jima 2.26 126 P S 09 45 10.7 0.0, CBJJ Chichi jima 2.26 126 eS S 09 45 59.1 -1.9, CBJJ Chichijima 2.26 126 P P 09 45 10.7 0.0, JCJ 1.2nm, 0.3s, baz=282, slow=20, SNR=26, S 09 45 59.6 -1.4, JHH2 31m, 0.3s, baz=273, slow=22, SNR=10, P 09 45 12.7 +0.1, JHH2 Haha-jima-NKT2 2.56 134 P P 09 46 02.7 -1.8, JHY Jiyugang 7.62 352 P S 09 46 00.9 +1.1, JRY Asyokami san 7.62 352 P P 09 46 03.8 +0.2, JAG Roshiki 8.15 2 P S 09 47 33.6 -4.5, JHO Hitachi 8.15 2 P S 09 46 07.1 +1.6, JHO Hitachi 8.15 2 eS S 09 47 40.2 -1.3, JFK Kawauchi 8.92 4 eS S 09 47 55.1 -1.7, USRK Ussuriysk Ar. 17.02 340 P P 09 47 43.5 +2.6, KLR Kuldur 21.73 345 P P 09 48 27.1 +1.7, 2.2nm, 0.6s, baz=168, slow=7, SNR=11, SONM Sogingo Array 32.48 316 P P 09 49 59.2 -1.2, 0.2nm, 0.3s, baz=129, slow=9.0, SNR=5.1, KURBB Kurchatov Arr 50.80 314 P P 09 52 24.9 -1.0, 0.4nm, 0.3s, baz=96, slow=7.0, SNR=1.5, ARCES ARCESS Array B 71.67 340 P P 09 54 44.0 +0.8, 0.9nm, 0.3s, baz=34, slow=5.3, SNR=4.5, YKA Yellowknife Ar 71.82 28 P P 09 54 46.5 +2.3, 0.9nm, 0.9s, baz=303, slow=5.9, SNR=1.6, FINES FINES Array B 75.93 333 P P 09 55 07.4 -0.2, 3.2nm, 0.9s, baz=46, slow=4.0, SNR=5.5, IDC 07 09:44:49.3.1.6.38.25N:73.16E, h0km, mb3.7/5, mb1.3/8, mb1mx3.5/69, mbtmp3.6/8, ML3.0/3, Error ellipse: s-maj=27.2km s-min=25.5km az=43.0, KRNET 07 09:44:50.2.0.1.38.61N:140.1E:0.2, h10km, n22, ISC 07 09:44:52.6.1.0.38.68N:106.7336E:0.05, h10km, n18, c263/26, mb3.7/5, 16C-2D, Tajikistan-Xinjiang border region, Code Station Name Az AZZ Op Phase ID Time Res h m s ISC, DRK Karamyk 1.45 304 iIP P 09 45 19.8 -0.1, DRK Karamyk 1.45 304 iIP P 09 45 19.8 -0.1, GAR baz=4.0, iIS Sg 09 45 41.2 +1.9, GAR Garm 2.04 279 iIP P 09 45 34.1 -1.8, baz=80, iIS Sb 09 46 06.4 +0.9, BTK Batken 2.40 306 iIP P 09 45 34.2 -1.7, baz=6.0, iIS Sb 09 46 06.6 +1.0, BTK Chuyangaron 3.29 271 iIP P 09 45 46.6 +2.4, baz=72, CHGR Chuyangaron 3.29 271 iIP P 09 46 27.5 -3.6, baz=75, AML Almayashu 3.46 4 iIP P 09 45 48.4 +1.6, baz=5.1, AML Almayashu 3.46 4 iIP P 09 46 30.8 +2.8, UCH Uchter 3.65 14 eIP P 09 45 50.9 +1.4, baz=12, UCH Uchter 3.65 14 eIP P 09 45 35.3 +2.4, MNAS Manas 3.86 351 iIP P 09 45 54.0 +1.9, baz=49, MNAS Manas 3.86 351 iIP P 09 46 40.8 +3.2, AAK Ala-Archa 4.05 12 Pn P 09 46 03.4 -0.6, 1.1nm, 0.3s, baz=180, slow=19, SNR=1.8, AAK Ala-Archa 4.05 12 Pn P 09 46 57.1 -5.4, 1.2nm, 0.3s, baz=79, slow=16, SNR=1.4, AAK Ala-Archa 4.05 12 Pn P 09 46 03.1 -0.9, 12nm, 0.7s, iIS Sb 09 46 55.7 +2.7, KK09 Karatay Array 4.94 335 iIP Pn 09 46 11.3 +4.4, 7.0nm, 0.6s, baz=154, slow=13, iIS Sb 09 47 11.6 -6.9, KK09 37m, 0.8s, baz=146, slow=22, MKAR Makanchi Array 10.43 36 Pn P 09 47 27.9 +5.8, 0.1nm, 0.3s, baz=226, slow=14, SNR=2.7, BVAR Borovoye Array 14.49 353 Pn P 09 48 24.4 0.0, 1.9nm, 0.5s, baz=190, slow=10, SNR=4.2, AKTO Aktyubinsk 16.01 322 Pn P 09 48 38.3 +0.5, 0.1nm, 0.3s, baz=135, slow=10.0, SNR=3.2, SONM Sogingo Array 25.58 58 P 09 50 24.1 +2.4, 0.7nm, 0.8s, baz=273, slow=8.1, SNR=4.9, AKASE Matig Array Be 33.12 306 P P 09 51 27.7 -0.8, 0.3nm, 0.3s, baz=76, slow=8.0, SNR=2.7, ARCES ARCESS Array B 39.88 336 P P 09 52 25.7 -0.3, 4.2nm, 1.0s, baz=102, slow=8.4, SNR=1.6, YKA Yellowknife Ar 78.97 4 P P 09 56 56.4 +0.3, 0.4nm, 0.5s, baz=344, slow=5.4, SNR=1.7, WRA Warramunga Arr 81.60 124 P P 09 57 08.6 -2.2, 0.5nm, 1.0s, baz=339, slow=7.3, SNR=2.2, IDC 07 09:47:16.6.1.2.38.31N:73.01E, h0km, mb3.9/7, mb1.3/9.14, mb1mx3.6/71, mbtmp3.8/14, ML3.1/7, Error ellipse: s-maj=24.8km s-min=18.1km az=123.0, KRNET 07 09:47:18.7.0.1.38.57N:73.28E, mb4.3, NINC 07 09:47:42.5.14.0.39.10N:72.24E, h0km, mb4.4, mpv4.0, Error ellipse: s-maj=115.9km s-min=60.3km az=6.0, ISC 07 09:47:18.4.1.7.38.38N:106.7301E:0.05, h11km, gkm, n25, c264/40, mb3.9/7, 15C-7D, Tajikistan-Xinjiang border region, Code Station Name Az AZZ Op Phase ID Time Res h m s ISC, DRK Karamyk 1.45 320 iIP P 09 47 46.4 +0.2

Table with columns: DRK baz=9.0, iIS Sg 09 48 06.7 +1.6, SFK Sufi-Kurgan 1.67 13 eIP P 09 47 46.6 -1.2, baz=7.0, iES Sn 09 48 06.2 -3.2, GAR baz=7.0, 2.20 287 iIP P 09 48 00.7 +0.2, GAR baz=82, iIS Sg 09 48 31.4 +2.4, BTK Batken 2.39 315 iIP P 09 48 01.4 0.0, baz=9.0, BTK Batken 2.39 315 iIP P 09 48 32.9 -2.3, CHGR Chuyangaron 3.04 276 iIP P 09 48 12.6 +0.1, baz=73, CHGR Chuyangaron 3.04 276 iIP P 09 48 52.4 -3.5, AML Almayashu 3.78 8 eIP P 09 48 17.6 +0.7, baz=5.0, AML Almayashu 3.78 8 eIP P 09 49 00.9 -0.7, UCH Uchter 4.01 16 iIP P 09 48 20.5 +0.4, baz=14, UCH Uchter 4.01 16 iIP P 09 49 05.6 -1.7, MNAS Manas 4.12 355 iIP P 09 48 22.9 +1.5, baz=52, MNAS Manas 4.12 355 iIP P 09 49 09.6 0.0, AAK ARChcha 4.40 14 Pn Sn 09 48 29.1 +3.9, 2.2nm, 0.3s, baz=127, slow=5.5, SNR=2.3, AAK ARChcha 4.40 14 Pn Sn 09 49 24.4 -4.4, TKM2 2.4nm, 0.3s, baz=30, slow=20, SNR=1.3, TKM2 Tokmak 2.494 23 iIP P 09 48 53.7 +0.6, 2.0nm, 0.7s, iIS Sb 09 49 50.1 +5.5, 69m, 0.9s, KK09 Karatay Array 5.11 339 iIP P 09 48 46.0 -1.7, 17nm, 0.7s, baz=147, slow=14, UCH Uchter 5.11 339 iIP P 09 48 56.9 +0.8, 15m, 0.5s, KK09 Karatay Array 5.11 339 iIP P 09 49 38.8 +5.1, 26nm, 0.8s, baz=144, slow=23, UCH Uchter 5.11 339 iIP P 09 49 59.9, 25m, 0.6s, MDOK Medeo 5.67 31 Pn P 09 49 03.2 -3.8, 20nm, 0.6s, MDOK Medeo 5.67 31 Pn P 09 50 13.4 +7.9, 92m, 1.0s, MKAR Makanchi Array 10.83 36 Pn P 09 49 56.4 +3.1, GEYT Geitun 11.74 272 Pn P 09 50 05.7 -0.1, 0.1nm, 0.3s, baz=218, slow=17, SNR=5.3, GEYT Geitun 11.74 272 Pn P 09 52 14.8 -2.0, 0.9nm, 0.3s, baz=10, slow=17, SNR=2.2, KURBB Kurchatov Arr 12.85 16 Pn P 09 50 20.9 +0.1, 0.1nm, 0.3s, baz=205, slow=11, SNR=1.9, KURBB Kurchatov Arr 12.85 16 Pn P 09 54 06.4, BVAR Borovoye Array 14.76 354 Pn P 09 50 46.4 -0.5, 0.2nm, 0.5s, baz=184, slow=16, SNR=4.6, AKTO Aktyubinsk 16.09 323 Pn P 09 51 03.4 -0.9, 0.1nm, 0.3s, baz=120, slow=15, SNR=3.3, AKTO Aktyubinsk 16.09 323 Pn P 09 53 59.1 -3.5, ZALV Zalesovo Beam 17.55 24 P P 09 51 22.3 -0.4, 0.1nm, 0.3s, baz=215, slow=10, SNR=2.2, BELG Belogornyye 22.52 317 P P 09 52 17.9 0.0, 12nm, 0.7s, baz=156, slow=10.0, SNR=2.4, ARCES ARCESS Array B 40.05 336 P P 09 54 53.8 +0.7, 2.7nm, 0.5s, baz=114, slow=9.0, SNR=1.0, TORD Torodi Ar. Bea 67.36 269 P P 09 58 13.8 0.0, 1.7nm, 0.8s, baz=42, slow=4.2, SNR=1.6, INK Inuvik 71.78 10 P P 09 58 40.6 +0.4, 1.0nm, 0.5s, baz=337, slow=5.4, SNR=7.8, ILAR Eielson Array 72.53 17 P P 09 58 43.4 -1.4, 0.5nm, 0.8s, baz=349, slow=3.7, SNR=0.9, YKA Yellowknife Ar 79.28 4 P P 09 59 22.5 -0.8, 0.5nm, 0.5s, baz=347, slow=5.3, SNR=8.8, WRA Warramunga Arr 81.66 123 P P 09 59 38.3 +1.6, 0.2nm, 0.9s, baz=322, slow=5.4, SNR=1.6, KRNET 07 09:53:31.4.0.1.38.44N:72.96E, mb3.9, NINC 07 09:53:43.0.3.1.38.88N:73.17E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=23.0km s-min=14.8km az=172.0, ISC 07 09:53:29.2.1.9.38.27N:101.07302E:0.06, h10km, n22, c258/30, 17C-7D, Tajikistan-Xinjiang border region, Code Station Name Az AZZ Op Phase ID Time Res h m s ISC, DRK Karamyk 1.54 322 iIP P 09 53 57.6 -0.4, baz=19, DRK Karamyk 1.54 322 iIP P 09 54 16.9 -1.8, SFK Sufi-Kurgan 1.78 12 eIP P 09 54 02.4 -0.9, baz=15, SFK Sufi-Kurgan 1.78 12 eIP P 09 54 23.7 -2.7, GAR Garm 2.24 290 eIP P 09 54 10.4 +0.5, baz=86, GAR Garm 2.24 290 eIP P 09 54 39.0 -2.2, BTK Batken 2.47 317 eIP P 09 54 12.9 -0.9, baz=15, BTK Batken 2.47 317 eIP P 09 54 43.3 -1.1, CHGR Chuyangaron 3.06 278 eIP P 09 54 22.3 -1.5, baz=75, CHGR Chuyangaron 3.06 278 eIP P 09 54 59.4 -1.8, AML Almayashu 3.89 7 eIP P 09 54 32.7 +3.3, baz=8.0, AML Almayashu 3.89 7 eIP P 09 55 17.6 +2.3, UCH Uchter 4.11 16 eIP P 09 54 35.9 +3.4, baz=17, UCH Uchter 4.11 16 eIP P 09 55 23.1 +2.2, MNAS Manas 4.23 355 iIP P 09 54 37.0 +3.2, baz=59, MNAS Manas 4.23 355 iIP P 09 55 25.1 +1.8, MRKS Merke 4.47 2 P 09 54 49.5 +1.6, 13nm, 0.4s, MRKS Merke 4.47 2 P 09 55 40.6, 38m, 0.6s, AAK Ala-Archa 4.50 14 Pn P 09 54 44.5 -3.9, 7.8nm, 0.5s, AAK Ala-Archa 4.50 14 Pn P 09 55 48.1, KK09 Karatay Array 5.21 339 iIP Pn 09 54 52.9 +5.6, 2.7nm, 0.3s, baz=146, slow=12, UCH Uchter 5.21 339 iIP Pn 09 55 52.4 +5.0, 11m, 0.6s, KST Kastak 5.26 24 P 09 55 09.1 -0.9, 7.9nm, 0.5s, KST Kastak 5.26 24 P 09 56 13.2, DGS Degeres 5.38 22 P 09 55 08.9 -3.4, 7.6nm, 0.5s, DGS Degeres 5.38 22 P 09 56 13.2, IZV Izvestkoviy 5.44 29 P 09 55 13.6 -0.7, 7.1nm, 0.7s, IZV Izvestkoviy 5.44 29 P 09 56 21.7, 19nm, 0.9s, TNSS Tian-Shan 5.62 31 P 09 55 15.7 -1.1, 7.8nm, 0.6s, TNSS Tian-Shan 5.62 31 P 09 56 24.8, 6.5nm, 0.6s, MDOK Medeo 5.76 31 iIP P 09 55 17.2 -2.4, 10nm, 0.8s, MDOK Medeo 5.76 31 iIP P 09 56 30.1, 25m, 1.0s, KRBS Karabastu 5.78 19 P 09 55 16.6 -3.2, 3.3nm, 0.4s, KRBS Karabastu 5.78 19 P 09 56 26.8, 8.7nm, 0.9s, KOTS Kotyrbulak 5.85 31 P 09 55 19.4 -1.8

7d 10h

Table with columns: BRG, comp, Z, SNR, name, RA, DEC, mag, and other parameters. Includes entries like Berggiesshübel, Cesky Krumlov, and various astronomical objects.

2015 DEC

Table with columns: CTI, name, RA, DEC, mag, and other parameters. Includes entries like Castel Tesino, MOTA Moosalm, and various astronomical objects.

348

Table with columns: MJAR, name, RA, DEC, mag, and other parameters. Includes entries like Matsuhiro Arr, KKM Kota Kinabalu, and various astronomical objects.

OUMZ	Ouz	64.19	290	P	P	10 15 35.0	+3.9
WBSI	Waikabubak, Su	64.45	128	P	P	10 15 29.5	-3.2
	comp=Z,48nm,1.1s						
OUK	Oukaimeden	64.85	291	P	P	10 15 39.0	+3.4
LIJLI	Ilulisat	64.99	341	P	P	10 15 35.5	+0.2
EDFI	Ende, Flores	65.22	125	P	P	10 15 33.8	-4.0
	comp=Z,7.4nm,0.8s						
DY2G	Dye2	65.51	337	P	P	10 15 39.8	+0.6
DY2G				I	Amb	10 15 43.1	
	comp=Z,284nm,1.8s						
TTIG	Tnige Tigouga,	65.62	290	P	P	10 15 44.0	+3.7
BASI	Baing, Sumba	65.64	127	P	P	10 15 37.9	-2.4
	comp=Z,66nm,1.3s						
SWI	Sorong	66.12	112	P	P	10 15 42.1	-1.4
	comp=Z,22nm,1.2s						
SJJI	Sorong	66.13	112	P	P	10 15 42.2	-1.4
	comp=Z,13nm,0.9s,baz=327,slow=6.5,SNR=8.2						
SFJD	Kangerlussuaq	66.42	339	P	P	10 15 45.1	+0.4
	comp=Z,15nm,0.7s,baz=20,slow=11,SNR=4.9						
RES	Resolute Bay	66.72	357	P	P	10 15 47.2	+0.8
	comp=Z,3.8nm,0.7s,baz=32,slow=7.8,SNR=14						
ANM	Nome	67.43	24	P	P	10 15 50.7	-0.5
	baz=314						
TORD	Torodi Ar. Bea	67.49	269	P	P	10 15 50.9	-1.4
	comp=Z,7.6nm,0.6s,baz=48,slow=5.3,SNR=39						
TORD	Torodi Ar. Bea	67.49	269	P	P	10 15 51.2	-1.1
TORD				I	Amb	10 15 56.0	
	comp=Z,17nm,0.9s						
BATI	Baumata	67.58	125	P	P	10 15 51.4	-1.4
	comp=Z,8.7nm,0.3s,baz=111,slow=7.0,SNR=7.5						
BATI	Baumata	67.58	125	P	P	10 15 50.6	-2.2
	comp=Z,19nm,1.2s						
SOEI	Soe	67.64	124	P	P	10 15 50.7	-2.6
	comp=Z,28nm,1.1s						
SOEI	Soe	67.64	124	P	P	10 15 52.3	-1.0
LSZ	Lusaka	67.68	127	P	P	10 15 55.6	-0.8
LSZ				pm	max		
	comp=Z,7.0nm,0.9s						
LSZ	Lusaka	68.15	227	P	P	10 15 55.6	-0.8
FAKI	Fak Fak	68.24	113	P	P	10 15 54.3	-2.7
	comp=Z,22nm,1.1s						
FAKI	Fak Fak	68.24	113	P	P	10 15 57.3	+0.3
TOLK	Toolik Lake Re	68.25	66	P	P	10 15 57.1	-0.5
	baz=325						
A36M	Sachs Harbour	68.95	6	P	P	10 15 59.5	-1.1
	baz=345						
COLD	Coldfoot	69.48	17	I	Amb	10 16 14.4	
	comp=Z,30nm,1.0s						
COLD	Coldfoot	69.48	17	P	P	10 16 03.9	0.0
	baz=325						
IMAR	Indian Moutai	69.64	19	P	P	10 16 04.1	-0.8
GCSA	Galena City Sc	69.79	21	P	P	10 16 05.6	-0.2
	comp=Z,30,SNR=9.1						
H21K	Melozitna Rive	70.14	18	I	Amb	10 16 19.0	
	comp=Z,23nm,1.1s						
H21K	Melozitna Rive	70.14	18	P	P	10 16 08.1	+0.1
	baz=323						
BMAR	Burnt Mountain	70.49	15	P	P	10 16 10.7	+0.5
I21K	Tanana	70.73	18	I	Amb	10 16 22.8	
	comp=Z,18nm,0.9s						
I21K	Tanana	70.73	18	P	P	10 16 11.2	-0.5
	baz=324,SNR=5.8						
J20K	Nowinta River	70.98	20	I	Amb	10 16 16.5	
	comp=Z,19nm,0.8s						
J20K	Nowinta River	70.98	20	P	P	10 16 13.3	+0.1
	baz=322						
H4AK	Noodor Dome	71.16	17	I	Amb	10 16 29.9	
	comp=Z,15nm,0.8s						
H4AK	Noodor Dome	71.16	17	P	P	10 16 13.6	-0.7
	baz=327						
MLY	Manley	71.16	18	P	P	10 16 13.6	-0.7
	baz=325,SNR=9.0						
KOWA	Kowa	71.17	274	P	P	10 16 14.8	-0.3
KOWA				I	Amb	10 16 25.4	
	comp=Z,22nm,0.7s						
KOWA	Kowa	71.17	274	P	P	10 16 15.6	+0.5
I23K	Minto, Yukon-K	71.39	18	I	Amb	10 16 27.0	
	comp=Z,27nm,0.9s						
I23K	Minto, Yukon-K	71.39	18	P	P	10 16 15.1	-0.5
	baz=323,SNR=9.6						
TTA	Tatalina	71.45	21	P	P	10 16 16.3	+0.2
TTA				pm	max		
	comp=Z,62nm,2.0s						
TTA	Tatalina	71.45	21	P	P	10 16 16.3	+0.2
TTA				I	Amb	10 16 39.0	
	comp=Z,62nm,2.0s						
TTA	Tatalina	71.45	21	P	P	10 16 16.0	-0.1
	baz=321						
INK	Inuvik	71.55	10	P	P	10 16 15.8	-0.7
	comp=Z,17nm,0.8s,baz=346,slow=5.6,SNR=57						
INK	Inuvik	71.55	10	I	Amb	10 16 26.9	
	comp=Z,29nm,0.9s						
INK	Inuvik	71.55	10	P	P	10 16 16.2	-0.3
	baz=338						
K20K	Telida	71.66	20	I	Amb	10 16 28.7	
	comp=Z,17nm,0.8s						
K20K	Telida	71.66	20	P	P	10 16 17.1	-0.2
	baz=323						
CHUM	Lake Minchumin	71.70	19	P	P	10 16 17.7	+0.2
	baz=324,SNR=8.9						
MDM	Murphy Dome	71.82	17	I	Amb	10 16 22.0	
	comp=Z,17nm,1.5s						
BPWA	Bear Paw Mtn.	71.86	19	P	P	10 16 17.2	-1.3
	baz=325						
POKR	Poker Plat Res	71.86	17	P	P	10 16 18.3	-0.2
	baz=328,SNR=8.6						
NEA2	Nenana	71.92	18	I	Amb	10 16 23.8	
	comp=Z,25nm,1.0s						
NEA2	Nenana	71.92	18	P	P	10 16 18.3	-0.6
	baz=326,SNR=16						
TCOL	CIGO, UAF Yank	71.97	17	I	Amb	10 16 21.2	
	comp=Z,29nm,0.8s						
TCOL	CIGO, UAF Yank	71.97	17	P	P	10 16 18.7	-0.4
	baz=327,SNR=12						
COLA	College	71.97	17	P	P	10 16 20.1	+1.0
COLA	College	71.97	17	P	P	10 16 20.1	+1.0
COLA				I	Amb	10 16 21.2	
	comp=Z,29nm,0.8s						
COLA	College	71.97	17	P	P	10 16 19.0	-0.1
	baz=323						
CAST	Castle Rocks	72.14	20	P	P	10 16 19.8	-0.4
	baz=324						
ILAR	Eielson Array	72.28	17	P	P	10 16 20.0	-1.0
	comp=Z,8.5nm,0.7s,baz=327,slow=3.9,SNR=72						
ILAR	Eielson Array	72.28	17	P	P	10 16 20.3	-0.7
ILAR	Eielson Array	72.28	17	P	P	10 16 20.3	-0.7
KTH	Kantishna Hill	72.33	19	I	Amb	10 16 32.1	
	comp=Z,31nm,0.9s						
L19K	White Mountain	72.37	21	I	Amb	10 17 34.5	
L19K	White Mountain	72.37	21	P	P	10 16 21.7	0.0
	baz=322						
L20K	Farewell, AK	72.41	21	P	P	10 16 21.6	-0.2
	baz=323						
PPLA	Purkeville	72.53	20	I	Amb	10 16 33.1	
	comp=Z,19nm,0.8s						
PPLA	Purkeville	72.53	20	P	P	10 16 22.5	-0.2
	baz=324						
TRF	Thorofare Moun	72.58	19	P	P	10 16 22.5	-0.5
	baz=326						
HDH	Harding Lake	72.58	17	P	P	10 16 21.5	-1.3
	baz=328,SNR=6.7						
MCK	McKinley	72.68	18	I	Amb	10 16 28.2	
	comp=Z,64nm,2.0s						
MCK	McKinley	72.68	18	P	P	10 16 22.5	-0.9
	baz=327						
M19K	Big River Lodge	72.72	21	I	Amb	10 17 21.9	
	comp=Z,32nm,1.5s						
M19K	Big River Lodge	72.72	21	P	P	10 16 23.6	-0.1
	baz=323						
EPYK	Eagle Plains	72.86	12	P	P	10 16 23.7	-0.7
	baz=326						
J26L	Joseph Creek	73.25	16	P	P	10 16 26.0	-0.8
	baz=331						
CUT	Chulitna	73.45	20	I	Amb	10 16 31.9	
	comp=Z,40nm,1.0s						
CUT	Chulitna	73.45	20	P	P	10 16 26.5	-1.4
	baz=326						
EGAK	Eagle	73.49	15	P	P	10 16 27.4	-0.7
	baz=332						
I29M	Ogilvie Camp,	73.50	13	P	P	10 16 27.6	-0.6
	baz=335						
WAT1	Susitna Watana	73.53	19	P	P	10 16 27.1	-1.4
	baz=327						
FRB	Frobisher Bay	73.56	343	P	P	10 16 28.4	-0.1
	comp=Z,16nm,1.0s,baz=29,slow=3.3,SNR=20						
N19K	Bonanza Creek	73.57	22	P	P	10 16 28.4	-0.5

DHY	Denali Highway	73.61	18	I	Amb	10 16 31.5	
	comp=Z,26nm,0.7s						
DHY	Denali Highway	73.61	18	P	P	10 16 28.6	-0.5
SCRK	Sand Creek	73.61	16	P	P	10 16 27.7	-1.4
	baz=330,SNR=14						
RIDG	Independent Ri	73.63	17	I	Amb	10 16 39.4	
	comp=Z,22nm,0.8s						
RIDG	Independent Ri	73.63	17	P	P	10 16 27.6	-1.4
	baz=330,SNR=10						
MBWA	Marble Bar	73.74	135	P	P	10 16 30.2	+0.1
GENI	Genyem	73.86	107	P	P	10 16 32.3	+1.2
SPCR	Spur Chakacha	73.91	21	P	P	10 16 29.6	-1.2
	baz=324						
WAT6	Susitna Watana	73.94	18	P	P	10 16 30.2	-0.8
	baz=328						
DRS	Darwin Rock St	73.99	121	P	P	10 16 33.7	+2.0
	comp=Z,15nm,0.8s						
M22K	Willow	74.03	20	P	P	10 16 30.7	-0.6
	baz=326						
O18K	Koktuh Hills	74.12	23	I	Amb	10 16 35.3	
	comp=Z,23nm,0.8s						
O18K	Koktuh Hills	74.12	23	P	P	10 16 31.3	-0.6
	baz=322						
PSA00	Pilbara Seismi	74.14	135	P	P	10 16 32.3	-0.2
PSA00	Pilbara Seismi	74.14	135	P	P	10 16 31.6	-0.9
PSA00				I	Amb	10 16 35.6	
	comp=Z,20nm,0.9s						
PSA00	Pilbara Seismi	74.14	135	P	P	10 16 33.0	+0.5
	comp=Z,34nm,1.0s						
PAX	Paxson	74.16	17	I	Amb	10 16 35.6	
	comp=Z,25nm,1.0s						
PAX	Paxson	74.16	17	P	P	10 16 31.4	-0.8
	baz=329,SNR=8.8						
JAY	Jayapura	74.21	106	P	P	10 16 32.5	-0.7
	comp=Z,11nm,1.0s,baz=189,slow=12,SNR=2.0						
J29M	Klondike Camp	74.35	14	P	P	10 16 32.3	-1.0
	baz=335						

7d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include EROS Data Cent, EROS Data Cent, Black Hills, Black Hills, Black Hills, Klamath Falls, Alum Creek Sta, Corning, Pinedale Array, Dugway, White River Ci, Mira Array Bea, GOGA, Lajitas Array, TXAR, TXAR, TXAR, TXAR, ALFO1, ALFO1, SDV, SDV, VNA3, VNA3, QSPA, QSPA, PCMB, PCMB, SALV, SALV, PPIB, PPIB, ETMB, ETMB, CPUP, CPUP, LPAZ, LPAZ, LPAZ, LPAZ, PB16, PB16, LVC, LVC, LVC, LVC, TRQA, TRQA, TRQA, TRQA, USHA, USHA, PLCA, PLCA, PLCA, PLCA.

IDC 07 10:07:33.6:1.2, 38.41N:73.23E, h0km, mb4.4/12, mb1.4/6.15, mb1mx4.1/7.1, mbtmp4.5/15, ML4.2/3, Error ellipse: s-maj=26.2km s-min=19.3km az=2.0, NEIC 07 10:07:33.6:1.4, 38.58N:0.06:73.3E:0.1, h10km, 1km, mb4.6/10, Error ellipse: s-maj=15.4km s-min=9.5km az=104.0

KRNET 07 10:07:35.0:0.1, 38.64N:73.04E, h7km, mb5.2, ISC 07 10:07:36.2:2.3, 38.64N:0.09:73.30E:0.06, h24km, 15km, n39, r152/43, mb4.5/16, 12C, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include Sufi-Kurgan, Sufi-Kurgan, DRK, DRK, DRK, DRK, OHH, OHH, OHH, OHH, GAR, GAR, GAR, GAR, BTK, BTK, BTK, BTK, CHGR, CHGR, CHGR, CHGR, TAS, TAS, AAK, AAK, AAK, AAK, WMQ, WMQ, WMQ, WMQ, ZALV, ZALV, ZALV, ZALV, GTA, GTA, GTA, GTA, SONM, SONM, SONM, SONM, ULN, ULN, ULN, ULN, AKASG, AKASG, FINES, FINES, ARCES, ARCES, KRSR, KRSR, NOA, NOA, SPITS, SPITS.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include MJAR, MJAR, TORD, TORD, TORD, A36M, A36M, COLD, COLD, INK, INK, INK, INK, ILAR, ILAR, ILAR, ILAR, RND, RND, RND, RND, SCRK, SCRK, EYAK, EYAK, YKA, YKA, WRA, WRA.

NEIC 07 10:21:22.5:2.1, 5.89S:0.06:151.9E:0.1, h40km, 7km, mb4.4/18, Error ellipse: s-maj=16.4km s-min=8.4km az=103.0, DJA 07 10:21:23.0:8.5, 6.5S:4.15E, h68km, 9km, M5.0/11, mb4.4/1, mb4.5/11, MLV5.2/3, Mv/(mb)3.5/1, IDC 07 10:21:23.8:2.7, 5.80S:151.68E, h48km, 24km, mb3.8/12, mb1.4/0.13, mb1mx3.7/4.9, mbtmp4.1/13, ML2.6/1, Error ellipse: s-maj=23.5km s-min=17.4km az=104.0, ISC 07 10:21:22.0:0.6, 5.86S:0.07:151.84E:0.09, h36km, n42, r126/37, mb4.3/21, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include RABUL, RABUL, PMG, PMG, MANU, MANU, CTAO, CTAO, EIDS, EIDS, DZM, DZM, MTN, MTN, WBO, WBO, WR0, WR0, OUENC, OUENC, WRB, WRB, WRA, WRA, WRA, WRA, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, ASAR, STKA, STKA, FITZ, FITZ, BBOO, BBOO, FORT, FORT, PSAA, PSAA, PSAA, PSAA, CMAR, CMAR, PETK, PETK, SONM, SONM, SONM, SONM, MKAR, MKAR, ZALV, ZALV, ILAR, ILAR, KURK, KURK, KURK, KURK, KURB, KURB, QSPA, QSPA, QSPA, QSPA, H03S2, H03S2, H03S1, H03S1, H03S3, H03S3, GERES, GERES, TORD, TORD.

IDC 07 10:22:11.5:1.1, 30.32S:177.32W, h0km, mb4.4/8, mb1.4/6.9, mb1mx4.3/3.5, mbtmp4.4/9, ML3.7/1, Error ellipse: s-maj=27.8km s-min=20.3km az=116.0, NEIC 07 10:22:13.7:1.4, 30.51S:0.05:177.3W:0.2, h10km, 1km, mb4.6/7, Error ellipse: s-maj=27.7km s-min=7.8km az=86.0, ISC 07 10:22:16.7:0.3, 30.53S:0.07:177.4W:0.1, h33km, n22, r132/26, mb4.6/11, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include RAO, RAO, RAO, RAO, URZ, URZ, URZ, URZ, BKZ, BKZ, DZM, DZM, DZM, DZM, STKA, STKA, STKA, STKA, ASAR, ASAR, ASAR, ASAR, WBO, WBO.

350

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include WB2, WB2, WRAB, WRAB, WRAB, WRAB, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA, FITZ, FITZ, QSPA, QSPA, PETK, PETK, USRK, USRK, NVAR, NVAR, FINES, FINES, NOA, NOA, AKASG, AKASG.

TRN 07 10:24:23.0:13.69N:58.51W, h125km, MD4.1, ISC 07 10:24:24.6:3.3, 13.89N:0.07:58.6W:0.2, h10km, n15, r131/23, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include BBGH, BBGH, MPOM, MPOM, MPOM, MPOM, MCLT, MCLT, SLBI, SLBI, SLBI, SLBI, BIM, BIM, FDF, FDF, FDF, FDF, SVB, SVB, SVB, SVB, MDN, MDN, GCM, GCM, DLSB, DLSB, DLSB, DLSB, ANB, ANB, ANB, ANB, ANWB, ANWB, ANWB, ANWB.

IDC 07 10:32:51.9:3.0, 38.02N:73.45E, h0km, mb3.6/4, mb1.3/7.8, mb1mx3.5/5.0, mbtmp3.6/8, ML3.3/9, Error ellipse: s-maj=49.9km s-min=32.3km az=4.0, ISC 07 10:32:52.0:1.9, 37.9N:0.2:73.3E:0.2, h10km, n9, r112/9, mb3.5/4, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include AAK, AAK, AAK, AAK, MKAR, MKAR, BVAR, BVAR, AKTO, AKTO, ZALV, ZALV, SONM, SONM, ARCES, ARCES, INK, INK, ILAR, ILAR.

IDC 07 10:34:19.4:0.6, 38.15N:72.88E, h0km, mb4.2/24, mb1.4/3.32, mb1mx4.2/5.2, mbtmp4.2/32, ML3.9/8, Error ellipse: s-maj=12.3km s-min=10.6km az=159.0, KRNET 07 10:34:19.7:0.1, 38.23N:72.68E, mb5.0, NEIC 07 10:34:22.2:2.9, 38.21N:0.06:72.8E:0.07, h10km, 1km, mb4.6/23, Error ellipse: s-maj=10.1km s-min=9.2km az=135.0, BUJ 07 10:34:22.4:0.0, 38.25N:72.89E, h6km, mb5.3/10, mb4.5/31, ML4.7/4, Ms4.7/4, Ms4.7/5, NNC 07 10:34:24.9:1.9, 38.40N:72.95E, h0km, mb5.1, mpv4.8, Error ellipse: s-maj=15.9km s-min=11.0km az=160.0, MOS 07 10:34:24.5:1.1, 38.26N:72.86E, h36km, mb4.7/29, Error ellipse: s-maj=5.8km s-min=3.4km az=83.3, SOME 07 10:34:24.2, 38.53N:72.82E, h0km, MS4.2, ISC 07 10:34:22.9:0.3, 38.33N:0.02:72.94E:0.02, h10km, n296, r260/309, mb4.5/64, 53C-31D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include DRK, DRK, DRK, DRK, SFK, SFK, SFK, SFK, GAR, GAR, GAR, GAR, BTK, BTK, BTK, BTK, CHGR, CHGR, CHGR, CHGR, TAS, TAS, AAK, AAK, AAK, AAK, WMQ, WMQ, WMQ, WMQ, ZALV, ZALV, ZALV, ZALV, GTA, GTA, GTA, GTA, SONM, SONM, SONM, SONM, ULN, ULN, ULN, ULN, AKASG, AKASG, FINES, FINES, ARCES, ARCES, KRSR, KRSR, NOA, NOA, SPITS, SPITS.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like MNAS Manas, EKS2 Erkin-Say, AAK Ala-Archa, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like MDOK Medeo, MDOX, KURBS Kurchatov, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like WMQ, ZSN Zaisan, KURBB Kurchatov, etc.

7d 10h

Table with columns: SOC, SOC, eS, M, S, Time, Res. Includes stations like SONGM Songoing Array, ULN Ulanbaatar, CMAR Chiang Mai Arr, etc.

2015 DEC

Table with columns: DAG, Danmarks Havn, 53.41 343, P, I, P, Time, Res. Includes stations like BILL Bilibino, ESDC Sonesca Array, TORI Torodi Ar. Bea, etc.

352

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, OHH Osh, DRK Karamyk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAMC Pamplona, CO, MCOV Machiques, Ocaná, SANV Sanarito, TAMC Tame, etc.

IDC 07 11:19:23.2,0.8,38.52N,73.18E, h0km, mb3.9/1.7, mb1.4, 1/23, mb1mx3.9/5.2, mbtmp4.0/23, ML3.6/6, Error ellipse: s-maj=15.2km s-min=13.3km az=28.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRK Karamyk, SFK Sufi-Kurgan, OHH Osh, GAR Garm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, KBK Karagaybulak, BOOM Boomsokye usch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESDC Sonseca Array, TORO Torodi Arr, TORO Torodi Arr, etc.

7d 11h

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like DJR Jarkeit, SMLA Simla, OTUK Ortay, MAKZ Makanchi, etc.

ICD 07 11:44:49.4, 1.1, 38.04N, 73.52E, h0km, mb3.79, mb1.3, 8/14, mb1mx3.6/52, mb2mx3.7/14, ML3.2/5, Error ellipse: s-maj=25.9km s-min=17.6km az=82.1

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like SFK Sufi-Kurgan, DRK Karamyk, OHH Osh, 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 SFA Sufi-Kurgan, DRK Karamyk, OHH Osh, etc.

2015 DEC

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like UCH Uchtor, MNAS Manas, EKSK Erkin-Say, etc.

KRNET 07 11:45:37.6, 0.1, 40.92N, 78.85E, h25km, mb3.5, NNC 07 11:45:38.6, 1.3, 40.90N, 78.66E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=8.6km s-min=6.8km az=174.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like TARG Taragay, PRZ Przheval'sk, KRJ Kajisy, 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 TARG Taragay, PRZ Przheval'sk, KRJ Kajisy, etc.

354

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like ULHL Ulahol, PDGK Podgornoye, PDGK Podgornoye, etc.

BGR 07 11:47:54.0, 0.0, 37.49N, 74.15E, h33km, mb5.0, SOME 07 11:47:53.9, 38.72N, 72.55E, h5km, IDC 07 11:47:56.8, 0.4, 38.38N, 73.22E, h0km, mb4.7/36, mb1.4/74, mb1mx4.6/54, mb2mx4.7/44, ML4.3/7, MS3.8/2, Ms1.3/9,2, ms1mx3.4/63, Error ellipse: s-maj=9.9km s-min=8.9km az=26.0

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

2015 DEC

7d 11h

Table with columns: Name, RA, Dec, P, Pmax, RA, Dec, P, Pmax. Includes entries like RAYN Ar Rayn, RAYN Ar Rayn, RAYN Kunning, etc.

Table with columns: Name, RA, Dec, P, Pmax, RA, Dec, P, Pmax. Includes entries like ZEA, ZEA, ZEA, KEV, KEV, KEV, etc.

Table with columns: Name, RA, Dec, P, Pmax, RA, Dec, P, Pmax. Includes entries like KONO Kongsberg, GRF Grafenberg Arr, MNSI Mandalnai Nat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like INK Inuvik, K20K Telida, CHUM Lake Minchumin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like DBIC Dimbokro, DBIC Dimbokro, KIC Kosan Boka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like UCH Uchtor, EKSZ Erkin-Say, AAK Ala-Archa, etc.

IDC 07 11:52:33.61±0.1, 38°21'N; 72°94'E, h0km, mb3.8/8, mb1 4.0/10, mb1mx3.7/47, mbtmp3.8/10, ML3.2/2, Error ellipse: s-maj=28.4km s-min=24.4km az=119.0

KRNET 07 11:52:34.1±0.1, 38°37'N; 72°79'E, mb4.2, ISC 07 11:52:35.51±0.1, 38°40'N; 072°32'E, 0.06, h10km, n15, r1830,20,mb3.7/3,6C-2D,Tajikistan

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

SOME 07 12:14:59.2, 38°33'N; 72°43'E, h5km, IDC 07 12:15:00.2±0.9, 38°33'N; 73°13'E, h0km, mb4.0/14, mb1 4.1/21, mb1mx3.9/56, mbtmp4.0/21, ML3.6/6, MS4.0/1, Ms1 4.0/1, ms1mx3.2/62, Error ellipse: s-maj=16.3km s-min=14.2km az=6.0

BUJ 07 12:15:03.2±0.0, 38°56'N; 73°15'E, h6km, mb4.1/10, ML4.1/5, NNC 07 12:15:03.4±2.4, 38°48'N; 73°29'E, h0km, mb4.8, mpv4.5, Error ellipse: s-maj=18.1km s-min=12.6km az=163.0, NEIC 07 12:15:03.6±2.4, 38°52'N; 073°03'E, 0.08, h10km, ykm, mb4.5/13, Error ellipse: s-maj=10.4km s-min=8.4km az=106.0

KRNET 07 12:15:04.6±0.1, 38°68'N; 72°94'E, h16km, mb4.3, ISC 07 12:15:02.9±0.5, 38°55'N; 073°03'E, 0.03, h10km, n101, z264/19, mb4.1/17, 16C-7D, Tajikistan-Xinjiang border

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

7d 12h

Table with columns: CHM, Chalkent, 4.59 326 eP, Pn, 12 16 18.4 +6.0, etc. Lists various stations and their coordinates and parameters.

2015 DEC

Table with columns: ARCES, ARCESS Array B, 39.90 336 P, P, 12 22 36.8 +0.2, etc. Lists stations in the ARCES array and other nearby stations.

358

Table with columns: CPUP, Villa Florida, 35.82 311 P, P, 12 31 56.3 -0.3, etc. Lists stations in the Villa Florida array and other nearby stations.

7d 12h

PPLA	Purkeypile	38.66	39	P	P	12 48 49.7 +1.3
KDAK	Kodiak Island	38.67	48	P	Pmax	12 48 48.9 +0.4
KDAK	Kodiak Island	38.67	48	P	P	12 48 48.9 +0.4
I21K	Tanana	38.83	36	P	P	12 48 51.0 +1.3
KTH	Kantishna Hill	39.24	38	P	IAMB	12 48 54.7 +1.5 12 48 55.4
MLY	Manley	39.35	36	P	IAMB	12 48 55.7 +1.6 12 48 56.2
MLY	Manley	39.35	36	P	P	12 48 54.9 +0.8
BRSE	Bradley Lake S	39.46	44	P	P	12 48 56.0 +0.9
COLD	Coldfoot	39.68	32	P	P	12 48 57.4 +0.6
RC01	Rabbit Creek A	39.86	42	P	P	12 48 58.7 +0.3
I23K	Minto, Yukon-K	39.93	36	P	IAMB	12 48 59.4 +0.6 12 49 01.7
I23K	Minto, Yukon-K	39.93	36	P	P	12 49 00.4 +1.5
I23K	Toolik Lake Re	40.04	30	P	IAMB	12 49 00.7 +0.9 12 49 01.5
TOLK	Toolik Lake Re	40.04	30	P	P	12 49 00.2 +0.5
NEA2	Nenana	40.05	37	P	IAMB	12 49 00.9 +1.0 12 49 01.6
NEA2	Nenana	40.05	37	P	P	12 49 00.9 +1.0
MCK	McKinley	40.12	38	P	P	12 49 00.4 -0.1
PMR	Palmer	40.12	41	P	P	12 49 01.2 +0.8
WAT1	Susitna Watana	40.33	39	P	P	12 49 02.3 0.0
MDM	Murphy Dome	40.41	36	P	IAMB	12 49 04.2 +1.3 12 49 04.4
KNK	Knik Glacier	40.46	42	P	P	12 49 03.5 +0.1
WRH	Wood River Hill	40.48	37	P	P	12 49 04.6 +1.1
SML	Sawmill	40.49	41	P	P	12 49 03.9 +0.3
H24K	Noodor Dome	40.56	35	P	IAMB	12 49 04.6 +0.5 12 49 06.5
H24K	Noodor Dome	40.56	35	P	P	12 49 05.5 +1.4
TCOL	CIGO, UAF Yank	40.57	36	P	P	12 49 05.4 +1.2
COLA	College	40.57	36	P	Pmax	12 49 05.4 +1.2
COLA	College	40.57	36	P	P	12 49 05.6 +1.4
CCB	Clear Creek Bu	40.60	37	P	P	12 49 05.2 +0.8
WAT6	Susitna Watana	40.71	40	P	P	12 49 06.4 +0.8
POKR	Poker Plat Res	40.75	36	P	P	12 49 07.3 +1.7
POKR	Poker Plat Res	40.75	36	P	P	12 49 06.6 +0.9
DHY	Denali Highway	40.85	39	P	P	12 49 07.5 +0.8
DGZ	Jazzator, Alta	40.91	300	P	Pmax	12 49 08.4 +1.1
DGZ	Jazzator, Alta	40.91	300	P	Pmax	12 49 08.4 +1.1
SCM	Sheep Creek Mo	40.96	41	P	P	12 49 07.9 +0.4
HDA	Harding Lake	40.98	37	P	IAMB	12 49 07.8 +0.3 12 49 09.3
HDA	Harding Lake	40.98	37	P	P	12 49 07.3 -0.3
IL31	Eielson Array	40.99	36	P	P	12 49 08.2 +0.6 12 49 08.0 +0.3
ILAR	Eielson Array	40.99	36	P	P	12 49 08.0 +0.3
ILAR	Eielson Array	40.99	36	P	P	12 49 08.8 +1.8
GLI	Glacier Island	41.16	42	P	P	12 49 09.7 +0.6
ZALV	Zalesovo Beam	41.43	307	P	PcP	12 49 11.2 -0.1
ZALV	Zalesovo Beam	41.43	307	P	P	12 51 08.3 +0.2
ZALV	Zalesovo Beam	41.43	307	P	Pmax	12 49 10.8 -0.6
ZALV	Zalesovo Beam	41.43	307	P	P	12 49 11.6 +0.2 12 49 12.8 +1.0 12 49 22.9
M24K	Tolsona, Glenn	41.48	40	P	IAMB	12 49 22.9
KLU	Klutina	41.66	41	P	P	12 49 13.9 +0.7
BMAR	Burnt Mountain	41.87	32	P	P	12 49 16.4 +1.6
HARP	HARP	41.92	40	P	P	12 49 16.2 +0.8
RIDG	Independent Ri	41.94	38	P	IAMB	12 49 15.9 +0.4 12 49 31.3
RIDG	Independent Ri	41.94	38	P	P	12 49 16.2 +0.7
DOT	Dot Lake	42.29	38	P	P	12 49 17.9 -0.4
SCRK	Sand Creek	42.30	37	P	P	12 49 18.9 +0.3
SCRK	Sand Creek	42.30	37	P	P	12 49 18.7 +0.3
RAGM	Ragged Mountai	42.41	43	P	P	12 49 19.9 +0.6
J26L	Joseph Creek	42.43	37	P	P	12 49 20.0 +0.5
WMQ	Urumqi	42.64	292	P	P	12 49 22.5 +1.0 12 49 48.1 +2.8
WMQ	Urumqi	42.64	292	P	Pmax	12 49 22.5 +1.0
WMQ	Urumqi	42.64	292	P	Pmax	12 49 22.5 +1.0
L26K	Log Cabin Wild	42.68	39	P	P	12 49 22.6 +1.2
L26K	Log Cabin Wild	42.68	39	P	P	12 49 22.7 +1.2
M26K	Nabesna, AK	42.92	40	P	IAMB	12 49 25.0 +1.5 12 49 49.3
M26K	Nabesna, AK	42.92	40	P	P	12 49 25.2 +1.7
MCARA	McCarthy VSAT	43.06	41	P	P	12 49 25.4 +0.9
CRQM	Cirque	43.10	42	P	P	12 49 26.2 +1.1
CRQE	Cirque	43.12	42	P	P	12 49 26.3 +1.1
TGL	Tana Glacier	43.25	42	P	P	12 49 27.7 +1.5
WAX	Waxell Ridge	43.29	42	P	P	12 49 28.0 +1.5
L27K	Beaver Creek	43.36	39	P	P	12 49 28.7 +1.7
L27K	Beaver Creek	43.36	39	P	P	12 49 28.3 +1.3
BCAR	Beaver Creek A	43.38	39	P	P	12 49 29.2 +0.2
EGAK	Eagle	43.44	36	P	IAMB	12 49 28.4 +0.9 12 49 28.7
EGAK	Eagle	43.44	36	P	P	12 49 27.9 +0.5
M27K	Edge Creek, AK	43.44	40	P	P	12 49 28.3 +0.5
ISLE	Juniper Island	43.52	42	P	P	12 49 29.4 +1.1 12 49 56.5
MESA	MESA	43.78	43	P	P	12 49 31.5 +1.0
BVCY	Beaver Creek	43.90	39	P	P	12 49 32.3 +1.0
CTG	Chitna Glacier	43.93	42	P	P	12 49 32.9 +1.2
CTGM	Chitina Glacier	43.94	42	P	IAMB	12 49 32.8 +1.0 12 49 33.5
CTGM	Chitina Glacier	43.94	42	P	P	12 49 34.0 +0.8 12 49 56.3
LOGN	Logan Glacier	44.12	42	P	IAMB	12 49 34.0 +0.8
LOGN	Logan Glacier	44.12	42	P	P	12 49 34.8 +0.8
YUK3	Moose Creek	44.20	40	P	P	12 49 34.8 +0.8

2025 DEC

DAWY	Dawson	44.29	37	P	P	12 49 35.3 +0.8
I29M	Ogilvie Camp, Eagle Plains	44.55	35	P	P	12 49 37.4 +0.9
EPYK	Makanchi Array	45.05	33	P	P	12 49 41.7 +1.3
MK31	Makanchi Array	45.09 298	33	P	P	12 49 41.3 +0.3
MK31	Makanchi Array	45.09 298	33	P	IAMB	12 49 41.4 +0.4 12 49 42.4
MKAR	Makanchi Array	45.09 298	33	P	P	12 49 41.5 +0.4
MKAR	Makanchi Array	45.09 298	33	P	PcP	12 51 20.7 +0.1
MKAR	Makanchi Array	45.09 298	33	P	P	12 49 41.3 +0.3
MKAR	Makanchi Array	45.09 298	33	P	P	12 49 41.3 +0.3
YUK4	Talbot Arm	45.14	41	P	P	12 49 42.3 +0.9
MAKZ	Makanchi	45.29 298	33	P	P	12 49 43.3 +0.7
MAKZ	Makanchi	45.29 298	33	P	Pmax	12 49 43.3 +0.7
MAKZ	Makanchi	45.29 298	33	P	P	12 49 43.3 +0.7
MAKZ	Makanchi	45.29 298	33	P	IAMB	12 49 43.9
HYT	Haines Junctio	45.79	41	P	P	12 49 48.4 +1.9
HYT	Haines Junctio	45.79	41	P	P	12 49 48.2 +1.7
INK	Inuvik	45.95	30	P	P	12 49 49.0 +1.6
INK	Inuvik	45.95	30	P	Pmax	12 49 49.4
INK	Inuvik	45.95	30	P	IAMB	12 49 49.0 +1.6 12 49 49.4
INK	Inuvik	45.95	30	P	P	12 49 48.1 +0.7
KURK	Kurchatov	45.99 304	33	P	Pmax	12 49 47.8 -0.2
KURK	Kurchatov	45.99 304	33	P	Pmax	12 49 47.8 -0.2
KURK	Kurchatov	45.99 304	33	P	P	12 49 47.8 -0.2
KURK	Kurchatov	45.99 304	33	P	IAMB	12 49 48.8
N31M	Braeburn, Yuko	46.45	40	P	P	12 49 52.7 +1.3
M31M	Drury Creek, Y	46.90	39	P	P	12 49 55.9 +0.9
WHY	Whitehorse	47.08	41	P	P	12 49 57.6 +1.1
FARO	Faro, Yukon	47.37	39	P	P	12 49 59.2 +0.5
A36M	Sachs Harbour	47.97	25	P	P	12 50 04.2 +1.1 12 50 05.2
A36M	Sachs Harbour	47.97	25	P	P	12 50 03.5 +0.4
CMAR	Chiang Mai Arr	48.19 254	33	P	P	12 50 06.1 +0.6
P33M	Teslin, Yukon	48.19 41	33	P	P	12 50 06.5 +1.4
WRAK	Wrangell Islan	49.69	46	P	P	12 50 17.4 +0.9
BRVK	Borovoye	49.96 310	33	P	P	12 50 18.7 +0.1
BRVK	Borovoye	49.96 310	33	P	Pmax	12 50 18.7 +0.1
BRVK	Borovoye	49.96 310	33	P	P	12 50 19.1 +0.5 12 50 20.3
BRVK	Borovoye	49.96 310	33	P	IAMB	12 50 20.3
KDJ	Kajisay	50.35 294	33	P	P	12 50 22.7 +0.7
KDJ	Kajisay	50.35 294	33	P	Pmax	12 50 22.7 +0.7
KDJ	Kajisay	50.35 294	33	P	P	12 50 22.7 +0.7
KDJ	Kajisay	50.35 294	33	P	IAMB	12 50 24.7
BOOM	Boomskeye usch	51.00 295	33	P	P	12 50 27.8 +0.9
BOOM	Boomskeye usch	51.00 295	33	P	Pmax	12 50 27.8 +0.9
BOOM	Boomskeye usch	51.00 295	33	P	P	12 50 27.8 +0.9
BOOM	Boomskeye usch	51.00 295	33	P	IAMB	12 50 28.8
AAK	Ala-Archa	51.88 296	33	P	P	12 50 35.3 +1.9
AAK	Ala-Archa	51.88 296	33	P	Pmax	12 50 35.3 +1.9
AAK	Ala-Archa	51.88 296	33	P	P	12 50 35.3 +1.9
AAK	Ala-Archa	51.88 296	33	P	P	12 50 35.3 +1.9
KKAR	Karatay Array	54.22 298	33	P	P	12 50 50.1 -0.3
KKAR	Karatay Array	54.22 298	33	P	P	12 50 50.0 -0.3
NOR	Nord	54.49 357	33	P	P	12 50 49.6 -2.2
RES	Resolute Bay	54.64 17	33	P	P	12 50 53.3 +0.4
RES	Resolute Bay	54.64 17	33	P	Pmax	12 50 53.3 +0.4
RES	Resolute Bay	54.64 17	33	P	P	12 50 53.3 +0.4
RES	Resolute Bay	54.64 17	33	P	IAMB	12 50 53.8
ARU	Arti	54.68 317	33	P	P	12 50 52.5 -1.0
ARU	Arti	54.68 317	33	P	P	12 58 27.9 -0.6
ARU	Arti	54.68 317	33	P	SS	13 02 15.5 +4.0
ARU	Arti	54.68 317	33	P	Pmax	12 50 53.8 +0.2
ARU	Arti	54.68 317	33	P	IAMB	12 50 54.0
SPAO	Spitsbergen Ar	57.47 349	33	P	P	12 50 54.0 +0.2
YKA	Yellowknife Ar	57.47 349	33	P	P	12 50 58.5 +0.5
YKA	Yellowknife Ar	57.47 349	33	P	P	12 51 16.3 +1.8
YKA	Yellowknife Ar	57.47 349	33	P	P	12 50 58.3 +0.3
ABKAR	Akbulak array	57.48 309	33	P	P	12 51 13.8 +0.2
ABKAR	Akbulak array	57.48 309	33	P	P	12 51 14.0 +0.4
ABKAR	Akbulak array	57.48 309	33	P	IAMB	12 51 14.8
NEEM	North Greenlan	58.35 5	33	P	P	12 51 17.9 -1.8
NEEM	North Greenlan	58.35 5	33	P	IAMB	12 51 19.6
KEV	Kevo	58.81 340	33	P	P	12 51 21.9 -0.6
KEV	Kevo	58.81 340	33	P	Pmax	1

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like Gorkha, Tolang, Kuldur, Koldana, Dangsing, etc.

ICD 07 13:11:35.0, 9.765S, 155.16E, h0km, mb3.9/10, mb1.4/0/11, mb1mx3.6/5, mbtmp3.9/11, ML2.1/1, Error ellipse: s-maj=31.1km s-min=18.5km az=143.0, NEIC 07 13:11:37.2, 1.9, 7.6S, 0.1, 155.2E, 0.1, h10km, 2km, mb4.2/10, Error ellipse: s-maj=19.3km s-min=17.8km az=123.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like RABL, PMG, EIDS, WBO, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like SONM, SDPT, ILAR, etc.

ICD 07 13:14:50.1, 1.2, 38.34N, 72.73E, h0km, mb3.6/12, mb1.3/7/18, mb1mx3.6/5, mbtmp3.6/18, ML2.9/5, Error ellipse: s-maj=22.9km s-min=14.9km az=142.0, NNC 07 13:14:57.5, 2.8, 38.49N, 73.00E, h0km, mb4.5, mpv4.0, Error ellipse: s-maj=21.2km s-min=13.7km az=163.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like MRKS, AAK, AAK, AAK, etc.

ICD 07 13:42:11.6, 9.8, 38.65S, 72.90E, h0km, mb3.9, mpv3.6, 2C-6D, Error ellipse: s-maj=74.6km s-min=50.9km az=167.0, Tajikistan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like AAK, TKM2, KK07, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like DRK, OHH, BTK, etc.

BUI 07 13:51:09.3, 0.0, 39.14N, 73.22E, h6km, mb4.9/14, mb4.4/30, ML4.4/6, Ms4.2/11, Ms7.3/12, ICD 07 13:51:11.9, 0.7, 39.05N, 73.50E, h0km, mb4.0/23, Mb1.4/2/30, mb1mx4.1/63, mbtmp4.1/30, ML3.7/7, Ms1.3.8/2, ms1mx3.0/47, Error ellipse: s-maj=13.9km s-min=10.7km az=145.0

KRNET 07 13:51:13.6, 0.1, 39.24N, 73.76E, h16km, mb4.6, MOS 07 13:51:13.2, 1.8, 39.15N, 73.64E, h15km, mb4.4/13, Error ellipse: s-maj=4.5km s-min=4.5km az=87.5, NEIC 07 13:51:13.5, 1.4, 39.06N, 0.06E, 73.65E, 0.06, h12km, 4km, mb4.5/7, Error ellipse: s-maj=9.6km s-min=5.3km az=155.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like SFK, DRK, OHH, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like KSH Kashi, Batken, Erkin-Say, Ala-Archa, Karagaybulak, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like MDOK Medeo, Karakol, Kurum, Uzunbulak, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like ABKAR Akbulak array, BRVK Borovoye, Jhans, Gorkha, etc.

7d 14h

DJA 07 13:58:17.2,0.5,1.3,3.3,13.4E, h10km, M4.5/6, mb4.8/3, mB5.0/1, MLV4.4/6, Mw(mB)4.4/1
NEIC 07 13:58:19.6, 1.8, 1.1, 3.0S, 0.08, 134.1E, 0.2, h33km, 8km, mb4.0/12, Error ellipse: s-maj=23.4km s-min=8.1km az=65.0

ISC 07 13:58:18.6, 0.9, 1.39S, 0.08, 134.10E, 0.06, h24km, n27, c144/30, mb4.0/6, Irian Jaya region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, Res ISC, h m s ISC. Lists various seismic stations and their parameters.

IDC 07 14:03:02.3, 2.6, 6.18S, 130.13E, h127km, 38km, mb3.0/1, m1 3.1/5, mb1mx2.7/4.1, mbtmp3.4/5, Error ellipse: s-maj=72.9km s-min=17.6km az=92.0, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, Res ISC, h m s ISC. Lists seismic stations for the Banda Sea event.

ANF 07 14:06:08.6, 0.1, 34.06N, 116.67W, h14km, 1km, ML3.2/29, Error ellipse: s-maj=1.0km s-min=0.9km az=64.0

NEIC 07 14:06:09.2, 1.0, 34.06N, 116.67W, 0.02, h17km, 3km, Error ellipse: s-maj=3.2km s-min=1.1km az=140.0

PAS 07 14:06:09.6, 1.0, 34.07N, 116.67W, 0.03, h10km, 4km, ML3.3/231, ML3.1/84(NEIC), Error ellipse: s-maj=3.0km s-min=1.2km az=61.0

ISC 07 14:06:08.9, 0.9, 34.06N, 116.66W, 0.02, h15km, 8km, n63, c050/96, Southern California

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, Res ISC, h m s ISC. Lists seismic stations for the Southern California event.

2015 DEC

Main table with columns: GSC, IAML, Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, Res ISC, h m s ISC. Lists seismic events and stations for December 2015.

366

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, Res ISC, h m s ISC. Lists seismic stations for the 366th event.

SOME 07 14:27:15.2, 38.40N, 72.98E, h5km, MS3.8
IDC 07 14:27:15.2, 0.8, 38.34N, 72.94E, h0km, mb3.9/19, mb1.4/1/26, mb1mx3.9/67, mbtmp4.0/26, ML3.9/7, MS3.2/2, M1 3.2/2, m1mx2.8/42, Error ellipse: s-maj=14.3km s-min=13.4km az=22.0
KRNET 07 14:27:16.0, 1.38, 38N, 73.07E, mb4.8
NINC 07 14:27:17.8, 1.8, 38.41N, 72.93E, h0km, mb5.0, mpv4.6, Error ellipse: s-maj=15.3km s-min=10.2km az=157.0
BUJ 07 14:27:17.9, 0.0, 38.47N, 73.12E, h9km, mb4.8/14, mb4.4/27, ML4.3/4, MS3.9/5, MS7.3/75
NEIC 07 14:27:17.4, 2.5, 38.36N, 0.05, 72.91E, 0.08, h10km, 1km, mb4.5/29, Error ellipse: s-maj=11.4km s-min=8.4km

ISC 07 14:27:16.9, 1.3, 38.24N, 0.03, 72.77E, 0.02, h8km, 8km, n173, c285/202, mb4.4/35, MS3.6/3, 22C-10D, Tajikistan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, Res ISC, h m s ISC. Lists seismic stations for the Tajikistan event.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KBK Karagaybulak, CHM Chikment, CHM 67nm,0.6s, KBL Kabul, DZA Taraz, DZA 117nm,0.2s, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ARXS comp=E,27nm,0.8s, PDGK Paldogmoye, TDK Tadyqorghan, SMLA Sima, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NOA NORSAR Az, CIMO Cimolais, VLC Villacollemand, MSSA Maissana, etc.

NEIC 07 14:35:26.3±0.5, 36°99'N±0.01, 97°62'W±0.02, h1km, 6km, Error ellipse: s-maj=2.2km s-min=1.7km az=125.0

NEIC 07 14:35:25.9±0.5, 37°00'N±0.01, 97°16'W±0.02, h6km, 6km, mb_Lg2.6/28, ML2.7/20, Error ellipse: s-maj=2.8km s-min=1.6km az=80.0, Oklahoma

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KAN13 South Haven SW, KAN17 Caldwell West, KAN19 Caldwell North, etc.

7d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABKAR, BVAR, BRVK, etc.

2015 DEC

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

370

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

DJA 07 16:26:56.0,3,2°N,3°9'9"E, h161km,5km, M4.4/18, mb4.5/7, mb6.2/1, MLV4.3/18, Mw(m)5/8.1, NEIC 07 16:26:57.1, 1.6, 2.55N, 0.06E, 99.12E, 0.0/1, h162km,2km, mb4.3/33, Error ellipse: s-maj=9.6km s-min=8.9km az=91.0

ISC 07 16:26:55.4,0.4,2.49N,0.05,99.14E,0.05, h150km, n96, #162/101, mb4.2/28, Northern Sumatera

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

comp=Z,4.3nm,1.2s FINES FINES Array B 79.77 332 P P 16 38 46.9 +0.3 comp=Z,3.8nm,0.9s,baz=112,slow=5.2,SNR=8.5 ARCES ARCES Array B 81.99 340 P P P 16 38 57.8 -0.5 CPUP Villa Florida 147.25 221 PKPbc PKPdf 16 46 18.2 -1.3 comp=Z,2.0nm,0.6s,baz=292,slow=3.7,SNR=3.9

KRNET 07 16:27:09.1,0.1,39.23N,73.61E, h12km, mb3.4, 12C-8D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Δ, Az, Phase ID, Time, Res, h m s ISC. Lists seismic stations for the Tajikistan-Xinjiang border region.

IDC 07 16:27:38.0,1.1,37.89N,73.38E, h0km, mb4.0/1, mb1.4/2.16, mb1mx3.7/66, mbtmp4.1/16, ML3.6/5, MS3.4/9, Ms1.3/4.9, ms1x3.1/53, Error ellipse: s-maj=2.0,4km s-min=1.6,5km az=154.0, NEIC 07 16:27:45.5,2.2,38.28N,0.05,72.72E,0.07, h10km, 1km, mb4.3/11, Error ellipse: s-maj=1.0,1km s-min=8.0km az=289.0

BUJ 07 16:27:47.3,0.0,38.34N,73.23E, h7km, mb4.5/3, ML4.0/3 NNC 07 16:27:50.9,5.2,38.44N,73.18E, h0km, mb4.6, mpv4.2, Error ellipse: s-maj=37.6km s-min=25.0km az=167.0

ISC 07 16:27:44.2,0.5,38.19N,0.03,72.75E,0.04, h10km, n76, #237/11, mb4.0/14, MS3.4/7, 7C-3D, Tajikistan

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

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

NEIC 07 16:35:15.8,1.8,4.81N,0.05,96.13E,0.04, h10km,4km, mb4.7/54, Error ellipse: s-maj=9.2km s-min=2.2km

DJA 07 16:35:15.2,1.0,5°N,2°9'6"E, h15km,7km, M4.9/32, mb5.3/6, mb4.8/32, MLV5.0/11, Mw(m)6.4/7.6 KLM 07 16:35:16.4, 6.1, 6.1N, 96.10E, h10km, mb4.9, IDC 07 16:35:19.1, 2.4, 4.87N, 96.12E, h36km, 19km, mb4.1/19, mb1.4/2.22, mb1mx3.9/54, mbtmp4.3/22, ML4.2/3, MS3.7/10, Ms1.3/7.10, ms1mx3.3/60, Error ellipse: s-maj=21.9km s-min=11.5km az=46.0

ISC 07 16:35:17.9,0.4,4.81N,0.04,96.14E,0.05, h29km, n146, #095/145, mb4.6/55, MS3.7/8, Northern Sumatera

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

Table with columns: YERR, comp, N, 36nm, 1.3s, IAML, 16 58 29.9, GWY, Greenwater Val, 3.16 86 Pn Pn, 16 57 34.4 -0.4, GWY, comp=E, 26nm, 0.9s, IAML, 16 58 36.0, GWY, comp=N, 23nm, 4.5s, IAML, 16 59 06.6, PNTR, Pine Nut, 3.18 14 Pn Pn, 16 57 35.1 +0.1, ORV, Oroville, 3.62 348 Pn Pn, 16 57 41.1 +0.2, ORV, comp=E, 15nm, 4.1s, IAML, 16 58 33.8, PFO, Pinyon Flats O, 4.13 124 Pn Pn, 16 57 48.0 -0.1, PFO, comp=E, 9.8nm, 3.2s, IAML, 16 58 33.8, R11A, Troy Canyon, C, 4.62 58 Pn Pn, 16 57 54.6 -0.2, R11A, comp=E, 6.4nm, 4.6s, IAML, 16 59 10.8, TKX, Tecate, 4.74 135 Pn Pn, 16 57 56.7 +0.3

NNC 07 16:57:41.6; 5.2, 38:30N-73:12E, h0km, mb3.9, mpv3.5, 3C-3D, Error ellipse: s-maj=38.8km s-min=20.7km az=171.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include TKM2 Tokmak 2, 4.52 24 U/Lg, TKM2 14nm, 0.8s, KK09 Karatay Array, 4.75 336 U/Pn, KK09 5.8nm, 0.6s, DGS Degeres, 4.87 24 Pg, DGS 6.5nm, 1.0s, TNSS Tian-Shan, 5.13 33 Pg, TNSS 3.2nm, 0.8s, KRBS Karabastau, 5.25 21 Pg, KRBS 8.0nm, 0.9s, MDOK Medeo, 5.28 33 U/Pg, MDOK 4.4nm, 0.6s, KOTS Kotrybulak, 5.36 33 Pg, KOTS 14nm, 1.0s, KTBS Karatobe, 5.59 28 Pg, KTBS 3.0nm, 0.9s, KUU Kurty, 5.63 24 Pg, KUU 3.8nm, 0.7s, KUU 5.2nm, 1.1s

NEIC 07 16:58:43.1; 1.6, 43:15N-126:16W, h10km, 1km, ML3.5/41, Error ellipse: s-maj=21.4km s-min=12.6km az=247.9

IDC 07 16:58:44.6; 1.2, 43:54N-126:16W, h0km, mb3.7/1, mb1 3.9/11, mb1mx3.7/56, mbtmp3.6/11, ML3.6/4, MS3.3/5, Ms1 3.3/5, ms1mx2.9/61, Error ellipse: s-maj=24.8km s-min=12.8km az=44.0

ISC 07 16:58:45.4; 1.0, 43:32N-126:5W, 0.1, h10km, n63, 1548/53, mb4.0/9, Off coast of Oregon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include KEBM Edson Butte, 1.65 105 Op Pn, KBO Bosley Butte, 2.01 123 Pn Pn, DBO Dodson Butte, 2.38 94 Pn Pn, COR Corvallis, 2.63 60 Pn Pn, BUCK Buck Mountain, 2.69 70 Pn Pn, HUMO Hull Mountain, 2.69 104 Pn Pn, HEB0 Mount Hebo, 2.73 45 Pn Pn, YBH Yreka Blue Hor, 3.22 118 Pn Pn, YBH 5.0nm, 0.9nm, 0.3s, YBH Yreka Blue Hor, 3.22 118 Pn Pn, E03A Lebam, 3.83 32 IAML, F04A Amboy, 3.91 47 Pn Pn, HOOD Mount Hood 3.5e, 4.01 58 Pn Pn, PINE Pine Mountain, 4.06 81 Pn Pn, K05A Summer Lake, 4.15 96 Pn Pn, WISH Wishkah, 4.25 26 Pn Pn, NLWA Neilton Lookou, 4.47 24 Pn Pn, C03A Quillayute Air, 4.82 18 Pn Pn, D05A Enuilaw, 5.00 38 Pn Pn, I07A Izeze, 5.12 79 Pn Pn, B04A Port Angeles, 5.18 23 Pn Pn, LTY Liberty, 5.69 44 Pn Pn, E07A Sunnyside, 5.71 53 Pn Pn, PGC Sidney, 5.73 21 Pn Pn, CLRS Cowichan Lake, 5.74 16 Pn Pn, G05A Pilot Rock, 5.75 67 Pn Pn, HAWA Hanford, 5.82 56 Pn Pn, WVOR Wild Horse Val, 5.84 96 Pn Pn, E08A Dider Farm, El, 6.16 56 Pn Pn, BMO Blue Mountains, 6.79 74 Pn Pn, G05A Colville Reser, 7.09 42 Pn Pn, F10A Beach Ranch, E, 7.12 65 Pn Pn, C09A Chrisman Ranch, 7.30 49 Pn Pn, PLID Pearl Lake, 7.74 73 Pn Pn, NVAR Mina Array Bea, 7.90 125 Pn Pn, LLLB Lillooet, 7.94 22 Pn Pn, ELK Newport, 8.20 50 Pn Pn, ELK Elko, 8.76 103 LR LR, B04A Port Angeles, 9.55 80 Pn Pn, LRM Limekiln Ridge, 10.33 71 Pn Pn, PDAR Pinedale Array, 12.41 87 Pn Pn, PDAR 50nm, 0.7s, PDAR 12.41 87 Pn Pn, PFO Pinyon Flats O, 12.47 138 LR LR, DLBC Dease Lake, 15.29 353 Pn Pn

Table with columns: DLBC Dease Lake, 15.29 353 Pn Pn, ANMO Albuquerque, 17.62 112 LR LR, YKA Yellowknife Ar, 20.43 16 P P, YKA Yellowknife Ar, 20.43 16 P P, KDAK Kodiak Island, 21.81 321 LR LR, ULM Lac du Bonnet, 21.97 61 P P, TXAR Lajitas Array, 22.99 120 P P, ILAR Eileason Array, 24.37 39 P P, NEEM North Greenlan, 44.98 17 I P, NEEM comp=Z, 7.2nm, 0.8s, Iamb Iamb, SUMG Summit, 48.74 24 I P, PETK Petropavlovsk, 49.21 309 P P, DAG Danmarks Hav, 52.13 16 Iamb Iamb, H1N3 WAKE ISLAND Hy, 59.84 269 T T, H1N2 WAKE ISLAND Hy, 59.84 269 T T, H1N1 WAKE ISLAND Hy, 59.84 269 T T, H1S1 WAKE ISLAND Hy, 60.76 268 T T, H1S2 WAKE ISLAND Hy, 60.77 268 T T, H1S3 WAKE ISLAND Hy, 60.76 327 T T, SONM Songino Array, 77.98 328 P P, GERES GERES Array B, 81.78 25 P P

IDC 07 17:02:07.6; 1.0, 38:51N-73:38E, h0km, mb3.7/11, mb1 3.9/17, mb1mx3.7/53, mbtmp3.8/17, ML3.3/6, MS3.4/2, Ms1 3.4/2, ms1mx2.6/65, Error ellipse: s-maj=18.9km s-min=18.3km az=164.0

KRNET 07 17:02:10.9; 0.0, 38:85N-73:27E, h18km, mb2.8, BUJ 07 17:02:10.9; 0.0, 38:69N-73:28E, h6km, mb4.1/4, ML3.8/4, Ms3.6/2, Ms7.3/4/1

NNC 07 17:02:13.9; 2.6, 38:86N-73:47E, h0km, mb4.8, mpv4.3, Error ellipse: s-maj=20.0km s-min=12.9km az=164.0, ISC 07 17:02:11.0; 1.0, 38:73N-07:37E, h10km, n49, 12577/49, mb3.9/10, 8C-9D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include SFK Sufi-Kurgan, 1.29 51eP Pn, DRK Karamyk, 1.42 302 I/P Pn, DRK baz=99, OHH Osh, 1.84 347 I/P Pn, OHH baz=48, KSH Kashi, 2.19 68 Pg Pn, KSH KSH, 1.29 51eP Pn, BTk Batken, 2.37 305 U/P Pn, AML Almayashu, 3.41 4 P Pn, UCH Uchtoy, 3.60 14 P Pn, EKS2 Erkin-Say, 3.94 5 P Pn, AAK Ala-Archa, 4.00 12 Pn Pn, AAK Ala-Archa, 4.00 12 Pn Pn, AAK Ala-Archa, 4.00 12 Pn Pn, MRKS Merke, 4.01 359 Pg Pn, MRKS 35nm, 0.4s, KBK Karagaybulak, 4.11 17 P Pn, ULHL Ulahol, 4.15 31 P Pn, CHMS Chumysh, 4.40 14 P Pn, DZA Taraz, 4.43 340 Pg Pn, TKM2 Tokmak 2, 4.52 21 U/Pg Pn, USP Ospanovka, 4.62 10 P Pn, KST Kastek, 4.74 24 Pg Pn, DGS Degeres, 4.87 21 Pg Pn, DGS 34nm, 0.8s, KK09 Karatay Array, 4.89 335 U/Pn Pn, TNSS Tian-Shan, 5.09 31 Pg Pn, MDOK Medeo, 5.24 31 U/Pg Pn, MDOK 71nm, 1.1s, MDOK Medeo, 5.24 31 Pg Pn, KNDC 43nm, 1.0s, KNDC 56nm, 0.7s, KRBS Karabastau, 5.26 19 Pg Pn, KOTS Kotrybulak, 5.33 31 Pg Pn, KTBS Karatobe, 5.58 26 Pg Pn, KUU Kurty, 5.63 23 Pg Pn, MKAR Makanchi Array, 10.39 36 Pn Pn, WMQ Urumqi, 11.93 60 eP Pn, KURBB Kurchatov Arr, 12.45 15 Pn Pn, KURBB 0.0nm, 0.3s, 12.45 15 Pn Pn

Table with columns: BVAR Borovoye Array, 14.44 353 Pn Pn, AKTO Aktyubinsk, 15.97 322 Pn Pn, ZALV Zalyuznyy Beam, 17.12 24 Pn Pn, ARU Arti, 20.25 36 P Pn, GTA Gaotai, 20.54 80 eP Pn, SONM Songino Array, 25.56 58 P Pn, AKAS Main Array Be, 33.08 306 P Pn, FINES FINESS Array B, 36.73 324 P Pn, ARCES ARCESS Array B, 39.83 336 P Pn, PSI Prapat, 42.70 141 LR LR, NB2 NORPAR Subarra, 43.76 322 P Pn, NOA NORSTAR Array B, 43.76 322 P Pn, TORD Torodi Ar. Bea, 67.63 269 P Pn, INK Inuvik, 71.40 10 P Pn, YKA Yellowknife Ar, 78.92 4 P Pn, WRA Warramunga Arr, 81.63 124 P Pn, ASAR Alice Springs, 84.04 127 P Pn

RSNC 07 17:10:13.7; 1.1, 3:82N-71:31W, h2km, g8km, ML4.0, Mw4.0, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PTGC Puerto Gaitan, 0.91 295 eP Pn, GUVV San Jose del G, 1.83 226 eP Pn, VILC Villavicencio, 2.40 277 eP Pn, TAME Tame, Arauca, 2.64 350 eP Pn, RUSC La Rusia, 2.71 319 eP Pn, MACC Macarena, Meta, 3.03 237 eP Pn, ROSC El Rosal, 3.17 289 eP Pn, SPBC San Pablo de B, 3.30 304 eP Pn, BARC Barichnara, 3.33 326 eP Pn, PRAC Prado, 3.57 268 eP Pn, PAMP Pamplona, Cols, 3.76 338 eP Pn, ORTC Ortega, Tolima, 3.93 271 eP Pn, NORC Norcasia, 3.95 296 eP Pn, BRRR Barranca, Sant, 4.05 324 eP Pn, ANIL Santa Ana, 4.14 279 eP Pn, PTBC PUERTO BERRIO, 4.14 311 eP Pn, GUY2C Guyana, Caldas, 4.28 289 eP Pn, BETC Betania, 4.28 255 eP Pn, SOCV Socops, 4.46 6 eP Pn, GARC Garzon, Huila, 4.48 249 eP Pn, MARP Paez Belalcaza, 4.74 258 eP Pn, HELC Santa Helena, 4.82 299 eP Pn, OCAC Ocana, 4.82 336 eP Pn, YOTC Yotoco, Valle, 5.03 272 eP Pn, PTLT Puerto Leguiza, 5.03 224 eP Pn, PLMC San Jos del P, 5.08 282 eP Pn, SDV Santo Domingo, 5.08 8 eP Pn, ZARC Zaragoza, Cau, 5.08 316 eP Pn, PCON Cinco Dias, 5.29 254 eP Pn, POPC Popayan, Colom, 5.51 257 eP Pn, SOTA Sotoblanco, 5.55 253 eP Pn, UREC San Jos de Ur, 5.74 313 eP Pn, DBBC Dabeiba, 5.82 303 eP Pn, SJCC San Jacinto, C, 7.16 328 eP Pn, CRJC Cerrejon, Guaj, 7.32 348 eP Pn, OTAV Otavalo, 7.98 244 eP Pn, NNC 07 17:15:43.0; 3.8, 38:84N-73:13E, h0km, mb4.0, mpv3.6, 7C-2D, Error ellipse: s-maj=27.7km s-min=18.4km az=175.0, Tajikistan-Xinjiang border region

7d 17h

2015 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRKS Merke, AAK Ala-Archa, TKM2 Tokmak 2, etc.

IDC 07 17:18:46.3, 1.2, 38.42N; 72:98E, h0km, mb3.7/8, m1 3.8/15, mb1mx3.5/80, mbtmp3.8/15, ML3.4/6, MS3.1/1, Ms1 3.1/1, ms1mx2.4/49, Error ellipse: s-maj=19.4km s-min=17.8km az=53.0

NNC 07 17:18:47.5, 6.2, 38.22N; 72:79E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=48.1km s-min=38.0km az=3.0

ISC 07 17:18:48.1, 0.9, 38.43N; 00:07:73.10E, h10km, n23, c=2919/22, mb3.8/8, 9C-1D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, TKM2 Tokmak 2, KK08 Karatay Array, etc.

SJA 07 17:41:10.6, 0.7, 30:29S; 72:58W, h8km, 6km, ML4.8, MW4.5

NEIC 07 17:41:15.7, 2.5, 30:32S; 0:05:72:17W; 0:06, h13km, 4km, mb4.9/39, Mw4.6/45, ML4.7(GUC), Error ellipse: s-maj=7.1km s-min=6.7km az=140.0

NEIC 07 17:41:15.3, 30:32S; 72:24W, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr:0.80; Mw:0.24; Ms:1.04; Mn:0.35; Mv:0.03; Mv:0.20; Fault plane solution: M1.03000; 1016 NP1.5; 158.54000; 355.74000; 159.41000; NP2.3; 24.93000; 344.64000; 126.76000; Principal axes: T.0.9881, Plg6.40000; Azm12.0000; N.0.0740, Plg25.0000; Azm177.0000; P -1.0621, Plg6.0000; Azm270.0000

IDC 07 17:41:16.0, 7.3, 30:46S; 71:47W, h0km, mb4.3/8, m1 4.4/13, mb1mx4.3/26, mbtmp4.3/13, ML4.2/5, MS4.1/10, MS1.4.1/10, ms1mx3.7/30, Error ellipse: s-maj=25.1km s-min=20.0km az=98.0

GUC 07 17:41:16.9, 0.6, 30:38S; 72:13W, h38km, 4km, ML4.7, VAO 07 17:41:32.0, 0.7, 29:98S; 71:50W, h109km, 5km, mb4.6

ISC 07 17:41:14.1, 1.7, 30:32S; 0:03:72:26W; 0:05, h3km, 10km, n228, c=1971/240, mb4.9/25, MS4.2/10, 7C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO06 Fray Jorge, CO05 Fray Jorge, CO05 La Serena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AC04 Llanos de Chal, VA06 Catapilco, AROD Rodeo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA Paso Flores, LL04 Puerto Olayon, PB11 IPOC Station P, etc.

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

SOME 07 17:51:44.8, 38:58'N, 72:23'E, h0km, MS3.6
IDC 07 17:51:45.0, 6, 38:19'N, 73:07'E, h0km, mB4.2/30,
mb1 4.3/36, mb1mx4.1/69, mbtmp4.3/36, ML3.7/6, MS3.2/7,
Ms1 3.2/7, ms1mx2.9/45, Error ellipse: s-maj=1.33km
s-min=10.8km az=21.0
MOS 07 17:51:47.4, 1.2, 38:34'N, 73:01'E, h15km, mB4.6/13, Error
ellipse: s-maj=6.8km s-min=4.2km az=85.8
NEIC 07 17:51:47.6, 1.5, 38:22'N, 0:05:72:97E:0.07, h10km, 1km,
mB4.6/41, Error ellipse: s-maj=10.5km s-min=7.4km
az=128.0
BUJ 07 17:51:50.1, 0.0, 38:24'N, 73:18'E, h6km, mB4.6/12,
mB4.5/27, ML4.2/6, Ms4.1/10, MS7.3/8,
NNC 07 17:51:51.0, 0.2, 38:39'N, 73:01'E, h0km, mB4.8, mpv4.5,
Error ellipse: s-maj=27.9km s-min=17.2km az=154.0
ISC 07 17:51:46.9, 0.2, 38:19'N, 0:02:73:08E:0.02, h10km, n230,
e229/230, mB4.5/52, MS3.5/4, 16C-15D,
Tajikistan-Xinjiang border region

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

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

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

7d 18h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like NJ2, ARCES, KRLC, etc.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like BATI, SOEI, SAGE, etc.

380

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like PB14, HJA, Santa Barbara, etc.

7d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like ZARCO, NORCA, SMLC, etc.

IDC 07 18:29:22.4, 10.0, 38.99S, 92.35W, h0km, mb4.0/5, mb1 4.3/5, mb1mx4.0/23, mbtmp4.0/5, MS3.7/10, Ms1 3.7/10, ms1mx3.5/21, Error ellipse: s-maj=269.2km s-min=39.2km az=3.0

IDC 07 18:29:24.1, 1.2, 39.0S, 0.0, 92.33W, 0.3, h10km, n20, 0.05f0.8, mb4.0/5, MS3.7/11, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like PLCA, RPN, USHA, NNA, LPAZ, etc.

IDC 07 18:34:00.1, 4.0, 11.54S, 167.07E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/22, mbtmp3.4/3, Error ellipse: s-maj=204.7km s-min=17.0km az=140.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like WRA, ASAR, ILAR, etc.

INET 07 18:37:09.2, 9.555N, 83.75W, h11km, ML2.4, MW2.5 UPA 07 18:37:09.9, 0.4, 9.55N, 83.75W, h10km, 2km, MW4.2, 1C, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like HDC, BATAN, PIRO, etc.

IDC 07 18:42:38.8, 2.4, 10.04N, 124.79E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/41, mbtmp3.2/3, Error ellipse:

2015 DEC

s-maj=109.2km s-min=29.2km az=59.0 MAN 07 18:42:41.9, 10.44N, 125.99E, h2km, mb4.7, ML3.6, MS3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like GLSP, SCPH, LLLP, etc.

NOU 07 18:48:54.0, 29.46S, 178.22W, h309km, mb4.6/37, Kermadec Islands, New Zealand

NEIC 07 18:48:55.6, 1.8, 29.44S, 0.10, 178.8W, 0.1, h282km, 5km, mb4.6/64, Error ellipse: s-maj=18.0km s-min=12.1km az=123.0

IDC 07 18:48:56.1, 0.8, 29.09S, 178.86W, h286km, 7km, mb4.0/15, mb1 4.2/19, mb1mx4.1/30, mbtmp4.7/19, Error ellipse: s-maj=15.0km s-min=12.3km az=161.0

IDC 07 18:48:56.1, 0.3, 29.46S, 0.05, 178.69W, 0.07, h300km, n373, 0.15f68/384, mb4.6/46, 18C-6D, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like RAO, RIZ, GLKZ, etc.

IDC 07 18:49:22.4, 10.0, 38.99S, 92.35W, h0km, mb4.0/5, mb1 4.3/5, mb1mx4.0/23, mbtmp4.0/5, MS3.7/10, Ms1 3.7/10, ms1mx3.5/21, Error ellipse: s-maj=269.2km s-min=39.2km az=3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like URZ, URU, URW, etc.

IDC 07 18:34:00.1, 4.0, 11.54S, 167.07E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/22, mbtmp3.4/3, Error ellipse: s-maj=204.7km s-min=17.0km az=140.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like WRA, ASAR, ILAR, etc.

IDC 07 18:42:38.8, 2.4, 10.04N, 124.79E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/41, mbtmp3.2/3, Error ellipse:

382

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details like NOUC, LIFNC, LIFOU, etc.

QSM	comp=Z,1.3nm,1.4s	Iamb	Iamb	19 01 12.0					
GMRC	Granite Mounta baz=201,SNR=5.1	87.27	47	P	P	19 01 11.6	+2.3		
M02C	Callatun baz=226	87.36	39	P	P	19 01 11.7	+2.2		
TUQ	Turquoise Moun baz=231	87.51	47	P	P	19 01 12.2	+1.8		
GWY	Greenwater Val baz=230	87.52	46	P	P	19 01 11.3	+0.8		
MDJ	Mudanjiang	87.52	326	Iamb	Iamb	19 01 11.0	+0.9		
FURC	Furnace Creek, baz=230	87.57	45	P	P	19 01 12.9	+2.5		
SHOC	Shoshone, Teco baz=231	87.58	46	P	P	19 01 12.9	+2.3		
LCH	Last Change Ra	87.58	44	P	P	19 01 11.6	+0.9		
PNTR	Pine Nut	87.63	42	P	P	19 01 12.8	+1.8		
LHV	Little Hootoon	87.73	43	P	P	19 01 12.6	+1.4		
NEE2	comp=Z,9.2nm,0.9s								
NEE2	Needles Airpor baz=202	87.93	48	P	P	19 01 14.7	+2.4		
PDMC	Parker Dam,Lak baz=232	87.95	48	P	P	19 01 15.1	+2.8		
RYN	Ryan	87.96	43	P	P	19 01 13.8	+1.3		
NVAR	Minna Array Ba	87.96	43	P	P	19 01 13.7	+1.1		
BN71	comp=Z,7.6nm,0.8s,baz=222,slow=8.5,SNR=45	88.05	43	P	P	19 01 14.2	+1.3		
NV11	Minna Array Sit	88.05	43	Iamb	Iamb	19 01 16.1			
TPH	Tonopah	88.38	44	P	P	19 01 15.3	+0.8		
KVN	Kaiserville	88.49	43	Iamb	Iamb	19 01 15.4	+1.4		
TUC	Tucson	89.00	52	P	P	19 01 19.6	+2.2		
TUC	comp=Z,9.8nm,0.9s								
TUC	Tucson	89.00	52	P	P	19 01 19.8	+2.4		
CN2	Changchun	89.04	323	eP	P	19 01 17.3	+0.1		
MOD	Modoc Plateau	89.10	39	P	P	19 01 19.0	+1.3		
PRN	Pahroc Range	89.29	46	P	P	19 01 21.3	+2.6		
J05D	Fort Rock, OR baz=227	89.53	38	P	P	19 01 21.3	+1.6		
R11A	Troy Canyon, C baz=227	89.55	45	P	P	19 01 21.5	+1.3		
KLR	Kuldur	89.93	330	P	P	19 01 21.2	+0.3		
I05D	Terrebonne, OR baz=227	90.18	37	P	P	19 01 24.6	+2.0		
LCMT	Little Creek M	90.18	47	P	P	19 01 25.3	+2.4		
CCUT	Cedar City	90.44	46	Iamb	Iamb	19 01 26.2	+2.2		
KNB	Kanab	90.45	47	P	P	19 01 26.8	+2.6		
WUAZ	Wupatki	90.50	49	P	P	19 01 26.6	+2.1		
ENH	Enshi	90.58	305	P	P	19 01 25.1	+0.3		
SPR3	Spring Creek 3	90.72	45	P	P	19 01 25.9	+1.2		
PSUT	Pine Spring	90.73	45	Iamb	Iamb	19 01 27.2	+1.7		
MTPU	Mount Pierson	91.48	46	P	P	19 01 31.3	+2.5		
MVU	Marysvalle	91.74	46	P	P	19 01 32.6	+2.4		
BJT	Baijiatuu	91.83	316	P	P	19 01 30.7	+0.4		
TXAR	Lajitas Array	92.39	58	P	P	19 01 34.2	+1.0		
MNTX	Cornudas Mount	92.45	55	P	P	19 01 35.5	+2.3		
CMAR	Chiang Mai Arr	92.53	290	P	P	19 01 35.5	+2.3		
MFID	Camas Ranch	92.59	40	Iamb	Iamb	19 01 35.3	+1.4		
TMUT	Trail Mountain	92.84	46	P	P	19 01 37.4	+2.0		
SPUT	South Promont	93.27	44	P	P	19 01 38.8	+1.7		
HVU	Hansel Valley	93.36	43	Iamb	Iamb	19 01 39.0	+1.5		
HLID	Hailey	93.49	41	P	P	19 01 38.3	+0.3		
BARN	Barnard Glacier	95.10	17	P	P	19 01 44.3	+0.7		
HHC	Hu-ho-hao-te	95.16	314	eP	P	19 01 47.4	+1.8		
PDAR	Pinedale Array	95.87	44	P	P	19 01 50.2	+1.2		
YUK3	Moose Creek baz=213	96.02	17	P	P	19 01 50.7	+1.5		
YLAR	Madison River	96.14	42	P	P	19 01 49.6	+0.6		
J26L	Joseph Creek baz=210	97.61	15	P	P	19 01 57.3	+1.2		
RSSD	Black Hills	99.98	45	P	P	19 02 09.1	+1.8		
INUK	Inuvik	103.04	16	P	P	19 02 23.1	+3.1		
MKAR	Makanchi Array	116.72	114	PKP	PKP	19 07 04.5	+0.1		
ZALV	Zalesovo Beam	116.94	319	PKP	PKP	19 07 04.5	+0.3		
BOSA	Boshof	117.88	204	PKP	PKP	19 07 09.2	+1.5		
NRK3	Norik's	118.54	336	PKP	PKP	19 07 07.2	+0.2		
KURK	Kurchatov	119.97	314	PKP	PKP	19 07 10.1	+0.6		
KURB	Kurovotoy Arra	120.01	314	PKP	PKP	19 07 10.9	+0.1		
BVAR	Burakov Array	125.32	316	PKP	PKP	19 07 25.5	+0.2		
ARU	Arti	131.99	321	PKP	PKP	19 07 35.0	+0.4		
GEYT	Geysir Array	132.62	296	PKP	PKP	19 07 37.3	+0.8		
AKTO	Aktubinsk	133.03	313	PKP	PKP	19 07 36.5	+0.4		
KIROV	Kirov	136.21	326	PKP	PKP	19 07 42.8	+0.2		
ARCES	ARCES Array B	137.55	348	PKP	PKP	19 07 37.0			
ARCES	ARCES Array B	137.55	348	PKP	PKP	19 07 45.2	+0.3		
KLMR	Klimovskoe	139.66	332	PKP	PKP	19 07 47.0	+0.5		
GNI	Garni	143.11	299	PKP	PKP	19 07 55.3	+0.6		
AKH	Akhalkalaki	143.96	301	PKP	PKP	19 07 56.2	+0.1		
FINES	FINES Array B	144.06	340	PKP	PKP	19 07 54.0	+0.3		
FINES	FINES Array B	144.06	340	PKP	PKP	19 07 53.8	+0.5		
KIBZ	Khabaz	144.09	305	PKP	PKP	19 07 55.5	+0.4		
KIV	Kislovodsk	144.21	305	PKP	PKP	19 07 55.7	+0.7		
CHVG	Ch'k valeri	144.84	303	PKP	PKP	19 07 58.6	+2.6		
BCA	Bo'cka	145.35	301	PKP	PKP	19 07 59.9	+0.4		
UPP	Uppsala	147.66	345	PKP	PKP	19 08 04.4	+0.3		

NB2	NORSAR Subarra147.74	147.74	351	PKP	PKP	19 08 04.9	-0.1		
NOA	NORSAR Array B147.74	147.74	351	PKP	PKP	19 08 04.7	-0.3		
MNK	comp=Z,3.3nm,0.7s,baz=151,slow=2.0,SNR=33	148.48	300	PKP	PKP	19 08 06.0	-1.0		
MNK	comp=N,20nm,1.0s			iPKP	PKP	19 08 06.0	-1.0		
MNK	comp=Z,60nm,1.0s,baz=49			iPKP	PKP	19 08 06.0	-1.0		
MNK				iPKP	PKP	19 09 23.6	+0.3		
MNK				iPKP	PKP	19 09 50.6			
MNK				iPKP	PKP	19 11 35.7			
MNK				iPKP	PKP	19 11 42.6	+3.6		
MNK				iPKP	PKP	19 11 54.2	+1.7		
MNK				iPKP	PKP	19 15 13.7	+3.2		
MNK				iPKP	PKP	19 15 54.9			
MNK				iPKP	PKP	19 17 26.5	-3.3		
MNK				iPKP	PKP	19 27 58.5			
MNK				iPKP	PKP	19 30 47.6	+2.6		
MNK				iPKP	PKP	19 36 09.5			
NACGM	Naroch	148.67	311	PKP	PKP	19 08 08.6	-0.2		
ASF	Jabal al Asfar	149.41	284	PKP	PKP	19 08 11.8	+0.7		
STRU	Stromstaet	149.67	311	PKP	PKP	19 08 09.6	-1.0		
AKAS	Kasli	150.20	323	PKP	PKP	19 08 11.7	-0.3		
MMAI	Mount Meron Ar	150.71	286	PKP	PKP	19 08 14.9	+1.2		
BORI	Borjnom	150.72	347	PKP	PKP	19 08 12.6	-0.2		
HOMB	Homborsund	150.77	352	PKP	PKP	19 08 12.0	-0.4		
SNART	Snartemo	150.85	354	PKP	PKP	19 08 12.5	-0.6		
ONAU	Onsala	151.11	348	PKP	PKP	19 08 11.3	-1.9		
BLEU	Blekinge	151.27	343	PKP	PKP	19 08 13.7	-0.3		
FABU	Falkenberg	151.33	347	PKP	PKP	19 08 13.2	+0.5		
TRPA	Tarpe	151.58	345	PKP	PKP	19 08 15.8	+0.3		
BRTR	Breskvin Array B	151.62	300	PKP	PKP	19 08 15.8	+0.3		
SORM	Soroca	152.09	319	PKP	PKP	19 08 15.7	-0.3		
BJUU	Bjuv	152.13	346	PKP	PKP	19 08 15.1	-0.7		
MILU	Milistii Mici	152.44	317	PKP	PKP	19 08 17.2	+0.4		
BSD	Bornholm Skovb	152.56	343	PKP	PKP	19 08 17.2	+0.4		
BSD	Bornholm Skovb	152.56	343	PKP	PKP	19 08 17.1	+0.4		
TLCR	Talca	153.26	313	PKP	PKP	19 08 19.5	+1.0		
VLDR	Vladesti	153.41	315	PKP	PKP	19 08 16.3	-2.4		
TPGR	Toplog	153.66	313	PKP	PKP	19 08 21.2	+1.8		
CFR	Caracul	153.93	314	PKP	PKP	19 08 20.2	+0.3		
TESR	Teser	153.93	318	PKP	PKP	19 08 21.2	+0.3		
HARR	Harsova	154.04	313	PKP	PKP	19 08 21.6	+1.5		
BURAR	Bucovina Array	154.13	321	PKP	PKP	19 08 22.6	+2.2		
VRI	Vrindicia	154.22	316	PKP	PKP	19 08 36.4	+0.7		
OLP	Olona	154.22	316	PKP	PKP	19 08 36.8	+0.3		
BSEG	Ba Segeburg	154.68	348	PKP	PKP	19 08 37.5	+0.1		
KOLS	Kolonice sedl	154.81	326	PKP	PKP	19 08 38.3	+0.1		
DOPH	Dopca	154.96	318	PKP	PKP	19 08 23.5	+1.4		
DESA	Desa	155.22	325	PKP	PKP	19 08 22.9	+1.0		
CRS	Cervenica-Dubn	155.22	327	PKP	PKP	19 08 40.4	+0.5		
FLTG	Flechtingen	156.00	345	PKP	PKP	19 08 42.8	-0.3		
CHVC	Chvalec	156.16	336	PKP	PKP	19 08 44.5	+0.6		
UPC	Uptice	156.16	336	PKP	PKP	19 08 44.8	+0.6		
DPK	Dobruška-Polom	156.26	336	PKP	PKP	19 08 45.0	+0.6		
KRLC	Kralupy	156.32	335	PKP	PKP	19 08 44.9	+0.3		
CLL	Collim	156.49	341	PKP	PKP	19 08 29.0	+1.4		
CLL	comp=Z,2.2nm,0.7s			iPKP	PKP	19 08 45.3	+0.1		
CLL	comp=Z,2.2nm,0.7s			iPKP	PKP	19 08 45.2	-0.0		
VLLD	Vladia	156.59	315	PKP	PKP	19 08 47.0	+1.0		
BRG	Bergshubel	156.60	340	PKP	PKP	19 08 45.8	-0.0		
BRG	Bergshubel	156.60	340	iP	PKP	19 08 46.1	+0.4		
BRG	Bergshubel	156.60	340	iP	PKP	19 08 47.9			
CLZ	Clausthal	156.65	346	PKP	PKP	19 08 45.7	-0.3		
IBBN	Ilbernburen	156.68	350	PKP	PKP	19 08 46.2	+0.2		
PVCC	Panska Ves	156.71	338	PKP	PKP	19 08 46.9	+0.7		
YBHS	Ybbs	156.72	330	PKP	PKP	19 08 46.6	+0.2		
FRFB	Freiberg	156.74	340	PKP	PKP	19 08 46.7	+0.4		
NEUB	Neuenburg	156.91	342	PKP	PKP	19 08 47.1	+0.1		
JAVC	Javka Javorina	156.94	332	PKP	PKP	19 08 48.6	+1.2		
VRAC	Vrak	157.01	334	PKP	PKP	19 08 48.2	+0.6		
VRAN	Vranov	157.01	334	PKP	PKP	19 08 47.7	+0.1		
GTGT	Gottingen	157.01	346	PKP	PKP	19 08 47.9	+0.4		
PRU	Pruhonice	157.18	338	PKP	PKP	19 08 48.7	+0.		

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RAMN Ramite, AKTO 0.7m, 0.3s, bazz=124, slow=10, SNR=23, etc.

NEIC 07 19:10:20.9 1.3 4.17N:0.05:122.6E:0.1, h583km, 7km, mb4.3/27, Error ellipse: s-maj=17.4km s-min=7.0km az=82.0

DJA 07 19:10:20.8 0.6 4.1N:7.123E, h574km, 4km, M4.1/12, mb4.6/7, mb4.1/12, ML4.5/12, Mw(MB)3.7/7

IDC 07 19:10:21.5 1.2 4.11N:122.58E, h602km, 16km, mb3.4/18, mb1.3/5/20, mb1mx3.2/50, mbtmp4.2/20, Error ellipse: s-maj=20.6km s-min=8.2km az=64.0

ISC 07 19:10:21.4 0.4 0.20N:0.06:122.54E:0.09, h604km, n92, r1544/99, mb4.1/33, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TOLIZ Tolitoli, GTOI Gorontalo, MRSI Marisa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DRN Darwin, MTS Mantion Dam, JAY Jayapura, etc.

Table with columns: STKA, Stephens Creek, 40.04 154 P P, 19 17 07.5 +1.6, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, KURB Kuruchot, etc.

VAO 07 19:23:37.3 1.4 6.70S:76.45W, h50km, 9km, mb4.2, IDC 07 19:24:03.7 1.9 7.86S:74.87W, h155km, 24km, mb3.6/5, mb1.3/8/11, mb1mx3.5/31, mbtmp4.2/11, Error ellipse: s-maj=25.7km s-min=12.4km az=51.0

NEIC 07 19:24:03.7 1.8 7.91S:0.06:74.64W:0.10, h151km, 11km, mb4.3/1, Error ellipse: s-maj=14.3km s-min=8.7km az=88.0

ISC 07 19:24:03.2 0.6 7.80S:0.07:74.60W:0.06, h151km, n33, r1511/36, mb3.8/5, Peru-Brazil border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CZSB Cruzeiro do Sul, ATAH Atualha, NNA Nana, etc.

IDC 07 19:26:31.6 6.1 6.64N:76.28W, h94km, 64km, mb3.6/1, mb1.4/0.2, mb1mx3.2/29, mbtmp4.2/2, ML3.1/1, MS2.9/1, MS1.2/9.1, ms1mx2.5/33, Error ellipse: s-maj=84.4km s-min=33.0km az=79.0

RSNC 07 19:26:33.1 1.2 6.85N:73.12W, h154km, 4km, ML3.4, Mw3.9

ISC 07 19:26:32.1 0.9 6.85N:0.03:73.11W:0.03, h159km, 6km, n37, r1522/67, CN, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BARC Barichara, PAMC Pampiona, BRRC Barranca, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like OCAC, SPBC San Pablo de B, ZARC Zaragoza, etc.

KRSC 07 19:42:26.6 0.5 55.18N:163.33E, h50km, 14km, ML3.7, Off east coast of Kamohaka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, MKZ Mys Kozlova, KBG Krutoberegovo, etc.

s-min=22.7km az=86.0
ISC 07 20:14:35.5+1.1, 30.775N, 0.044-71.68W, 0.008, h33km, 3km,
n24, c=1576/29, mb3.9/3, 4-2D, Near coast of central Chile

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

ISC 07 20:25:47.5+1.8, 3.19N, 128.10E, mb3.2/3,
s=mb1.3/4.3, mb1mx3.2/4.2, mbtmp3.2/3, Error ellipse:
s-maj=158.0km s-min=13.8km az=67.0, North of
Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 20:25:47.5 earthquake.

ISC 07 20:29:04.4+2.0, 37.86N, 73.11E, h0km, mb3.4/2,
mb1.3/5.6, mb1mx3.3/4.1, mbtmp3.4/6, ML3.2/9.4, Error
ellipse: s-maj=43.0km s-min=25.3km az=69.0

ISC 07 20:29:04.8+2.0, 37.87N, 0.2-72.9E, 0.2, h10km, n6, c=219/6,
Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 20:29:04.4 earthquake.

ISC 07 20:41:10.5+52.0, 24.32S, 176.75W, h0km, mb3.5/3,
s=mb1.3/7.3, mb1mx3.6/2.3, mbtmp3.5/3, Error ellipse:
s-maj=95.4km s-min=18.2km az=89.0, South of Fiji
Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 20:41:10.5 earthquake.

NNC 07 20:47:18.7+4.3, 38.78N, 73.44E, h0km, mb4.1, mpv3.7,
Error ellipse: s-maj=33.3km s-min=22.7km az=161.0

KRNET 07 20:47:18.9+0.1, 39.09N, 73.27E, h13km, mb3.2

ISC 07 20:47:23.8+2.1, 39.28N, 0.10-73.02E, 0.05, h2km, 13km,
n26, c=1579/35, 13C-9D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 20:47:23.8 earthquake.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 20:57:48.5 earthquake.

SOF 07 20:57:48.5+0.4, 59.9N, 27.60E, h15km, MD3.5
IDC 07 20:57:50.9+0.4, 40.55N, 27.28E, h0km, mb3.4/2,
mb1.3/6.6, mb1mx3.3/4.9, mbtmp3.4/6, ML3.1/4, MS2.7/2,
ms1.2/7.2, ms1mx2.3/4.1, Error ellipse: s-maj=7.2km
s-min=4.1km az=65.0

CFUSG 07 20:57:51.2+0.7, 11N, 27.43E, h5km, mb3.0/1, MD3.1/1,
Sea of Marmara Magtpey MSH 2.6 from 1 stations
IASPEI 07 20:57:51.4+0.8, 40.71N, 0.02-27.43E, 0.02, h12km, 5km,
Error ellipse: s-maj=3.0km s-min=2.6km az=3.2, GT5
selection from ISC bulletin GT5 identified by Bondr and
McLaughlin (2009) selection criteria Bondr and
McLaughlin, A new ground truth data set for seismic
studies, <Seism. Res. Let.>, 80, 465-472,
2009

ISK 07 20:57:51.1, 40.71N, 27.43E, h10km, ML3.7/48
DDA 07 20:57:51.3, 40.68N, 27.42E, h8km, 1km, ML3.7
THE 07 20:57:53.0, 40.73N, 27.40E, h12km, 2km, ML3.5/11, Error
ellipse: s-maj=2.9km s-min=1.1km az=71.0

ATH 07 20:57:53.1, 40.68N, 27.25E, h27km, 2km, ML3.5/11, Error
ellipse: s-maj=5.8km s-min=1.8km az=238.0

ISC 07 20:57:52.0+0.8, 40.69N, 0.02-27.41E, 0.02, h12km, 5km,
n164, c=1905/197, 12C-4D, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 20:57:52.0 earthquake.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 20:58:3.0 earthquake.

7d 21h

PAIG	Paliouri	2.95 256	P	Pn	20 58 37.9	-0.7
PLG	Polygyros	3.04 265	P	Pn	20 58 40.2	+0.3
PLG	comp=N, 168nm, 0.6s		S	Sn	20 59 17.2	+1.0
SOH	Sokhos	3.08 274	P	Pn	20 58 40.8	+0.2
SOH	comp=N, 298nm, 0.5s		S	Sn	20 59 17.8	+0.4
SOH	Sokhos	3.08 274	P	Pn	20 58 40.7	+0.2
KDZE	Karadeniz Ereo	3.12 77	IP	Pn	20 58 42.8	+1.8
KNT	Kendrikon	3.45 279	P	Pn	20 58 46.5	+0.9
KNT	Kendrikon	3.45 279	P	Pn	20 58 46.3	+0.8
KKB	Krupnik	3.47 291	P	Pn	20 58 47.0	+1.2
VTS	Vitosha	3.67 303	IP	Pn	20 58 49.8	+1.1
VTS	Vitosha	3.67 303	IP	Pn	20 58 49.9	+1.1
VAY	Valandovo	3.72 281	IP	Pn	20 58 50.2	+1.0
VAY	comp=N, 0.4nm, 0.3s, baz=264, slow=13, SNR=2.5		S	Sn	20 59 49.0	+2.3
COPA	Copaceanca	3.81 335	IP	Pn	20 58 52.2	+1.8
VLAD	Vladia	3.99 327	IP	Pn	20 58 52.6	-0.3
STIP	Stip	4.07 286	IP	Pn	20 58 52.4	-1.6
STIP	comp=N, 0.6nm, 0.3s, baz=276, slow=15, SNR=6.9		S	Sn	20 59 56.6	+3.9
BOSS	Bosilegrad	4.12 298	ePn	Pb	20 59 05.3	+1.0
PRVS	Prvonek	4.39 296	ePn	Pn	20 58 59.3	+0.8
ZAPS	Zapovnik	4.40 308	ePn	Pn	20 58 59.4	+0.8
TLCR	TLCR	4.61 12	IP	Pn	20 59 04.5	+3.1
BARS	Barje	4.69 299	ePn	Pn	20 59 03.7	+1.1
NEHR	Nehju	4.81 351	IP	Pn	20 59 05.4	+1.2
BRTR	Keskin Array B	4.87 99	IP	Pn	20 59 05.0	-0.1
BRTR	comp=N, 0.4nm, 0.3s, baz=264, slow=13, SNR=2.5		Pg	Pg	20 59 21.7	-3.4
BRTR	comp=N, 0.6nm, 0.3s, baz=276, slow=15, SNR=6.9		Lg	Lg	21 00 33.9	
MLR	Muntele Rosu	4.92 348	IP	Pn	20 59 07.8	+1.9
MLR	Muntele Rosu	4.92 348	Pn	Pn	20 59 07.8	+1.9
MLR	comp=N, 1.3nm, 0.3s, baz=48, slow=3, SNR=27		Lg	Lg	21 00 37.5	
ZAGS	Zajecar	4.95 311	ePn	Pn	20 59 06.0	-0.1
VOIR	Voiron	5.05 341	IP	Pn	20 59 08.1	+0.5
PLOR	Plostina	5.19 354	IP	Pn	20 59 11.0	+1.5
VRV	Vrnjica	5.20 355	IP	Pn	20 59 10.6	+1.0
SELS	Selva	5.33 300	ePn	Pn	20 59 11.9	+0.4
DOPR	Dopca	5.48 345	IP	Pn	20 59 14.2	+0.8
OZUR	Ozur	5.53 348	IP	Pn	20 59 14.8	+0.6
HERR	Herculane	5.57 320	IP	Pn	20 59 13.8	-0.9
IDI	Anovija	5.75 201	Pn	Pn	20 59 14.8	-2.3
IDI	comp=N, 0.4nm, 0.3s, baz=349, slow=16, SNR=1.4		Sn	Sn	20 59 21.2	-1.9
TESR	Tescani	5.85 355	IP	Pn	20 59 18.9	+0.5
MDVR	Moldovita	5.86 316	IP	Pn	20 59 17.9	-0.8
GRUS	Gruza	5.91 305	ePn	Pn	20 59 19.1	+0.2
SEV	Sevastopol'	6.01 48	eP	Pn	20 59 22.5	+1.8
SEV	comp=Z, 6.0nm, 0.5s		eS	Sn	21 00 32.5	+3.0
SEV	comp=N, 6.0nm, 0.6s		Sm	Sm	21 00 38.0	
SEV	comp=E, 4.0nm, 0.4s		Sm	Sm	21 00 38.0	
BURAR	Bucovina Array	7.10 348	IP	Pn	20 59 36.9	+1.1
DBRK	Dubrovnik	7.21 289	ePn	Pn	20 59 39.0	+1.8
DBRK	Dubrovnik	7.21 289	Sn	Sn	20 59 40.0	+1.4
STON	Ston	7.58 290	ePn	Pn	20 59 41.7	-0.5
STON	Ston	7.58 290	Sn	Sn	20 59 41.0	-2.6
RICI	Ricice	8.14 294	ePn	Pn	20 59 50.3	+0.4
RICI	Ricice	8.14 294	Sn	Sn	21 01 20.8	-1.1
MMAI	Mount Meron Ar	9.98 138	Pn	Pn	21 00 15.6	+0.4
EIL	Eilat	12.60 148	LR	LR	21 06 02.1	
EIL	comp=E, 25nm, 18.8s, baz=360, slow=39		LR	LR	21 08 27.1	
KEST	Kesra	15.03 257	LR	LR	21 08 27.1	
KEST	comp=E, 40nm, 21.3s, baz=296, slow=43		LR	LR	21 03 06.8	+0.9
ESDC	Sonsec Array	23.93 278	P	P	21 03 06.8	+0.9
ZALV	Zalesovo Beam	40.01 51	P	P	21 05 28.0	+1.6
ZALV	comp=E, 0.5nm, 0.4s, baz=280, slow=8.2, SNR=2.4		P	P	21 05 28.0	+1.6

TAP 07 20:58:15.3, 24.29N; 122.51E, h15km, ML3.1, D
 JMA 07 20:58:15.0, 0.2, 24.16N; 122.53E, h8km, 4km, M2.9
 ISC 07 20:58:14.3, 1.1, 24.25N; 0.02, 122.55E; 0.02, h7km, 9km,
 n93, c0560/181, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC
JYNG	Yonagunijimaku	0.42 61	Pb	20 58 24.2	+0.1
JYNG	Yonagunijimaku	0.42 61	Sb	20 58 31.5	+0.9
YOJ	Yonaguni jima	0.48 63	Pb	20 58 25.3	+0.3
YOJ	Yonaguni jima	0.48 63	eS	20 58 33.0	+0.7
YOJ	Yonaguni jima	0.48 63	Pb	20 58 25.4	+0.3
YOJ	Yonaguni jima	0.48 63	Sb	20 58 33.0	+0.7
EWUT	Wuta	0.73 286	P	20 58 28.6	+0.2
EWUT	Wuta	0.73 286	S	20 58 38.8	+1.0
TWC	Suao	0.73 300	eP	20 58 28.7	+0.3
TWC	Suao	0.73 300	Sg	20 58 38.4	+0.5
ENA	Nanau	0.76 284	P	20 58 29.3	+0.5
ENA	Nanau	0.76 284	S	20 58 39.1	+0.4
ETL	Fush Village	0.85 264	eP	20 58 31.7	+0.3
ETL	Fush Village	0.85 264	eS	20 58 43.3	+0.3
NDS	Dongshan	0.85 297	P	20 58 31.1	+0.5
NDS	Dongshan	0.85 297	S	20 58 42.1	+0.4
NACB	Ninganchiao	0.87 266	P	20 58 31.8	+0.1
NACB	Ninganchiao	0.87 266	eS	20 58 44.1	+0.5
TWD	Chiawan	0.88 259	eP	20 58 32.2	+0.2
TWD	Chiawan	0.88 259	eS	20 58 44.4	+0.4
NTC	Toucheng	0.89 313	eP	20 58 31.7	+0.3
NTC	Toucheng	0.89 313	eS	20 58 44.5	+0.3
ILA	Ilan	0.89 306	eP	20 58 31.9	+0.4
ILA	Ilan	0.89 306	eS	20 58 43.7	+0.6
TWB1	Santiao Chiao	0.91 326	eP	20 58 32.0	+0.2
TWB1	Santiao Chiao	0.91 326	eS	20 58 44.2	+0.5
TWE	Neicheng	0.93 301	P	20 58 32.4	+0.2
TWE	Neicheng	0.93 301	S	20 58 44.5	+0.2
ETLH	Xiulin Townshi	0.97 268	P	20 58 33.7	+0.1
ETLH	Xiulin Townshi	0.97 268	eS	20 58 47.1	+0.5
ENTT	Nioudou	0.97 294	P	20 58 33.4	+0.3
ENTT	Nioudou	0.97 294	eS	20 58 46.2	+0.5
TIPB	Shuangxi	0.98 318	eP	20 58 33.2	+0.1
TIPB	Shuangxi	0.98 318	eS	20 58 45.5	-0.2
NDT	Datong Townshi	1.01 291	P	20 58 34.6	+0.5
NDT	Datong Townshi	1.01 291	S	20 58 46.8	+0.1
NNSB	Datong	1.08 280	P	20 58 35.4	+0.1
NNSB	Datong	1.08 280	eS	20 58 49.4	+0.4
NWF	Wu-fen Shan	1.08 320	eP	20 58 35.0	-0.1
NWF	Wu-fen Shan	1.08 320	eS	20 58 49.4	+0.4
IRIF	Iriomote-Funau	1.08 85	P	20 58 36.2	+0.2
IRIF	Iriomote-Funau	1.08 85	S	20 58 49.0	-0.4
NNS	Nan Shan	1.09 281	Pb	20 58 35.9	+0.4

2015 DEC

NNS	baz=278	S	Sg	20 58 49.2	-0.1
NNS	baz=278	S	Sg	20 58 49.2	-0.1
NWLT	Wulai	1.09 299	eP	20 58 35.3	+0.1
NWLT	Wulai	1.09 299	eS	20 58 49.6	+0.3
ESL	Shilin	1.10 247	P	20 58 35.3	-0.2
ESL	Shilin	1.10 247	eS	20 58 51.1	+0.7
TWA	Mucha	1.14 310	eP	20 58 36.1	-0.1
TWA	Mucha	1.14 310	eS	20 58 51.3	+0.3
YHNB	Yeheng	1.15 292	P	20 58 37.2	+0.3
YHNB	Yeheng	1.15 292	eS	20 58 50.4	-0.8
NSK	Sanguang	1.16 292	P	20 58 37.4	+0.2
NSK	Sanguang	1.16 292	S	20 58 51.9	+0.1
HATJ	Haterumajima	1.17 99	P	20 58 37.3	+0.2
HATJ	Haterumajima	1.17 99	S	20 58 52.6	-0.6
NHDX	Xindian Distri	1.17 308	eP	20 58 36.5	-0.3
NHDX	Xindian Distri	1.17 308	eS	20 58 52.2	+0.2
WHF	Hehuan Shan	1.17 265	P	20 58 37.6	0.0
WHF	Hehuan Shan	1.17 265	eS	20 58 52.6	+0.4
FUSS	Fushou	1.19 270	eP	20 58 37.7	+0.4
FUSS	Fushou	1.19 270	eS	20 58 53.2	+0.1
TAP	Taipei	1.23 310	eP	20 58 37.4	-0.6
TAP	Taipei	1.23 310	eS	20 58 53.5	-0.5
TWT	Tachien	1.25 271	eP	20 58 39.5	+1.1
TWT	Tachien	1.25 271	eS	20 58 55.0	+0.4
YMO1	YMO1	1.26 316	eP	20 58 37.9	-0.7
YMO1	YMO1	1.26 316	eS	20 58 54.3	-0.7
CHGB	Renai	1.27 262	P	20 58 39.1	+0.4
CHGB	Renai	1.27 262	Sg	20 58 54.9	-0.2
TDCB	Techi	1.27 271	eP	20 58 39.3	+0.7
TDCB	Techi	1.27 271	eS	20 58 55.1	0.0
HGSD	Ruisui	1.27 234	eP	20 58 38.2	-0.5
HGSD	Ruisui	1.27 234	eS	20 58 55.5	+0.3
OWD	Renai	1.28 257	eP	20 58 39.1	+0.2
OWD	Renai	1.28 257	eS	20 58 55.7	0.0
ANP	Anpu	1.32 315	eP	20 58 38.5	-1.2
ANP	Anpu	1.32 315	eS	20 58 55.6	-1.3
TWS1	Kuangyinshan	1.33 310	eP	20 58 39.0	-0.4
TWS1	Kuangyinshan	1.33 310	eS	20 58 56.0	-1.2
JKRS	Kuro-shima	1.34 90	P	20 58 40.4	+0.7
JKRS	Kuro-shima	1.34 90	S	20 58 58.0	+0.5
EHY	Hungye	1.34 237	eP	20 58 39.0	-1.0
EHY	Hungye	1.34 237	eS	20 58 57.0	-0.4
NTST	Danshui	1.35 313	eP	20 58 39.3	-0.4
NTST	Danshui	1.35 313	eS	20 58 56.4	-1.4
VWDT	VWDT	1.37 249	P	20 58 40.2	-0.5
VWDT	VWDT	1.37 249	eS	20 58 58.0	-0.5
YULB	Yu-li	1.42 234	eP	20 58 40.7	+0.1
YULB	Yu-li	1.42 234	eS	20 58 59.5	-0.6
EYUL	Yuli	1.44 232	P	20 58 41.0	+0.2
EYUL	Yuli	1.44 232	eS	20 58 60.0	-0.5
LIOB	Emei	1.45 286	eP	20 58 40.8	-0.3
LIOB	Emei	1.45 286	eS	20 58 41.0	-0.1
NSTT	Nanjiang	1.46 286	eP	20 58 41.0	-0.1
NSTT	Nanjiang	1.46 286	eS	20 58 59.4	-1.3
WHP	Taichung City	1.46 272	eP	20 58 41.1	-0.1
WHP	Taichung City	1.46 272	eS	20 58 59.7	-1.6
JJJ	Ishigaji jima	1.46 85	P	20 58 41.3	-0.6
JJJ	Ishigaji jima	1.46 85	S	20 58 59.9	-1.5
WCS	Beigang Elemen	1.50 263	eP	20 58 42.9	-0.3
WCS	Beigang Elemen	1.50 263	eS	20 59 00.4	-1.3
SSLB	Suanguang	1.52 253	eP	20 58 42.4	+0.3
SSLB	Suanguang	1.52 253	eS	20 59 01.7	-0.5
SMLT	Sun Moon Lake	1.55 257	eP	20 58 42.6	+0.1
SMLT	Sun Moon Lake	1.55 257	eS	20 59 01.9	-0.9
FULB	Fuli	1.55 228	eP	20 58 41.8	-0.6
FULB	Fuli	1.55 228	eS	20 59 02.1	-0.7
CHKT	Chengkung	1.57 224	eP	20 58 43.2	-0.5
CHKT	Chengkung	1.57 224	eS	20 59 03.5	+0.2
TYC	Yuchr	1.58 258	eP	20 58 42.8	0.0
TYC	Yuchr	1.58 258	eS	20 59 02.5	-1.0
TWQ1	Liyutan	1.62 274	eP	20 58 43.3	0.0
TWQ1	Liyutan	1.62 274	eS	20 59 03.3	-1.3
YUS	Yu-Shan	1.64 243	eP	20 58 44.4	+0.3
YUS	Yu-Shan	1.64 243	eS	20 59 04.9	-0.8
JJSG	Ishigakijimahi	1.65 78	P	20 58 43.8	+0.1
JJSG	Ishigakijimahi	1.65 78	S	20 59 04.1	-1.0
EDH	Donghe	1.70 222	eP	20 58 44.0	-0.5
EDH	Donghe	1.70 222	eS	20 59 06.8	+0.3
WJS	Zhushan	1.71 256	eP	20 58 44.9	+0.2
WJS	Zhushan	1.71 256	eS	20 59 06.5	-0.3
WNT	Mingjing				

7d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like STYH Taoyuan, TWGBT Beinan, TWG Pinlang, etc.

IDC 07:22:35:56.9-2.1, 2.211N:121.98E, h0km, mb3.5/5, m1 3.0/5, mb1mx3.2/50, mbtmp3.5/5, Error ellipse: s-maj=166.2km s-min=27.6km az=65.0

TAP 07:22:36:14.2, 22.38N, 121.54E, h116km, ML3.5, C ISC 07:22:36:14.4, 1.1, 22.39N, 0.04, 121.47E, 0.05, h121km, 6km, n93, r0591155, mb3.3/5, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LDUT Ludao, LAY Lan-yu, ECL Taimali, etc.

2015 DEC

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like TPUB Ta-pu, YUS Yu-Shan, CHN4 Tsaishan, etc.

392

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like NWF Wu-fen Shan, PTMZ Houxiangcun, KNMB Chin-men Tao, etc.

IDC 07:22:41:25.6:4.8, 37.47N:73.49E, h0km, mb4.6/1, m1 3.8/6, mb1mx3.2/65, mbtmp3.7/6, ML3.2/5, Error ellipse: s-maj=64.6km s-min=34.8km az=150.0

ISC 07:22:41:24.7:2.9, 37.2N:02:73.3E:0.2, h10km, n6, r1511/7, Tajikistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, BVAR Borovoye Array, etc.

IDC 07:22:45:33.4:1.0, 41.70N:144.77E, h0km, mb3.8/9, m1 4.1/11, mb1mx3.7/59, mbtmp3.9/11, ML3.3/3, MS4.3/1, Ms1 4.3/1, ms1mx2.7/58, Error ellipse: s-maj=24.4km s-min=19.3km az=150.0

MOS 07:22:45:37.1:1.1, 41.75N:144.89E, h42km, mb4.5/6, Error ellipse: s-maj=15.7km s-min=6.9km az=73.9

NIED 07:22:45:37.8, 41.85N:144.79E, h52km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn-4.68; Mw4.42; Mxx0.26; Mxy-0.57; Mzz-2.48; Mxz2.26; Fault plane solution: Ms5.68000x10^14 NP1; phi=135.0000; sgt=0.0000; lambda=65.0000; NP2: phi=75.0000; sgt=0.0000; lambda=122.0000

JMA 07:22:45:37.7:0.1, 41.85N:144.79E, h52km, 2km, M3.9 NEIC 07:22:45:39.4:2.2, 41.76N:0.07:144.8E:0.1, h31km, 6km, mb4.4/25, Error ellipse: s-maj=13.5km s-min=8.2km az=126.0

ISC 07:22:45:37.8:3.4, 41.84N:0.06:144.84E:0.05, h23km, 26km, n89, r130/93, mb4.2/23, Hokkaido region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like JAK Akkeshi, JER Ermo, JEM Ermo, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WAKE ISLAND, Indian Mountain, Manley, Thorofare Moun, etc.

INET 07 22:53:32.6, 14.26N:91.16W, h15km, MW5.5
GCG 07 22:53:33.6, 0.3, 13.87N:91.17W, h71km, 16km, MD5.1
UCR 07 22:53:33.8, 1.2, 14.20N:91.05W, h97km, 11km, ML5.3, mB5.7(NEIC)
NEIC 07 22:53:35.1, 3.0, 14.22N:0.07:90.89W:0.06, h84km, 1km, mB5.8/507, MW6.7/46, MW6.7, MD5.7(MNET), Error ellipse: s-maj=14.0km s-min=8.5km az=215.0
NEIC 07 22:53:36.3, 14.26N:90.84W, h84km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mrr:1.9; Mth:0.04; Mtt:2.02; Mss:0.32; Mss:0.93; Mtr:2.06; Fault plane solution: Mo4.270000*1017 NP1.3s130.490000*, s150.c283. Duration: 1.7. Moment tensor: Scale 1017 Nm; Mrr:0.92±0.5; Mth:-0.31±0.6; Mtt:0.61±0.6; Mss:0.55±0.3; Mss:-0.06±0.5; Mtr:-2.39±0.3; Best double couple: Mo4.328000*1017 NP1.3s325.00000*, s5.000000*, s111.000000*. NP2.3s124.00000*, s86.000000*, s88.000000*. Principal axes: T 4.3956, Plg5.00000*, Azm19.00000*; N -0.2611, Plg16.00000*, Azm135.00000*; P -4.1346, Plg29.00000*, Azm234.00000*
GCMT 07 22:53:36.5, 1.1, 14.20N:0.01:91.15W:0.01, h99km, 1km, MW5.7/150, Moment Tensor Solution. s140.c273; s150.c283. Duration: 1.7. Moment tensor: Scale 1017 Nm; Mrr:0.92±0.5; Mth:-0.31±0.6; Mtt:0.61±0.6; Mss:0.55±0.3; Mss:-0.06±0.5; Mtr:-2.39±0.3; Best double couple: Mo4.328000*1017 NP1.3s325.00000*, s5.000000*, s111.000000*. NP2.3s124.00000*, s86.000000*, s88.000000*. Principal axes: T 4.6120, Plg49.00000*, Azm33.00000*; N -0.5670, Plg2.00000*, Azm125.00000*; P -4.0450, Plg41.00000*, Azm216.00000*; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
MOS 07 22:53:36.5, 1.1, 14.34N:90.71W, h119km, mb5.5/14 Error ellipse: s-maj=8.9km s-min=5.0km az=112.8
IDC 07 22:53:37.4, 0.5, 14.32N:90.57W, h115km, 3km, mb4.7/25, mb1.4/92b, mb1mx4.8/32, mbmp5.1/26, MS4.7/32, Ms1.4/732, ms1mx4.6/38, Error ellipse: s-maj=15.2km s-min=8.3km az=64.0
NEIC 07 22:53:37.14, 11N:90.96W, h100km, Moment Tensor Solution. Duration: 2.0. Moment tensor: Scale 1017Nm; Mrr:0.67; Mth:0.36; Mtt:1.03; Mss:0.71; Mss:1.18; Mtr:-2.75; Fault plane solution: Mo4.710000*1017 NP1.3s232.00000*, s8.000000*, s165.000000*. NP2.3s128.00000*, s88.000000*, s82.000000*. Principal axes: T 5.0164, Plg47.00000*, Azm30.00000*; N -0.6895, Plg8.00000*, Azm129.00000*; P -4.3269, Plg42.00000*, Azm226.00000*
BGR 07 22:53:39.0, 0.0, 14.15N:89.19W, h101km, 2km, mb5.6
ISC 07 22:53:35.0, 4.0, 14.21N:0.04:90.92W:0.04, h106km, 2km, h106km, pP-P, n1234, c1f58/1193, mb5.7/352, 260C-133D, Fault plane solution: NP1.3s294.640807, s661.10421, s91.20085. NP2.3s117.12480, s289.81858, s87.82549. Principal axes: T Plg16.0961, Azm25.5246; N Plg1.0513, Azm295.2212; P Plg73.8677, Azm201.5836; Guatemala
Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FUG Fuego 3, PCG Pacaya, NBG Nubus, STG3 Santiaguito 3, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CUI Cuipilapa, PLVR Palo Verde, GRZA Playa Garza, etc.

GWY	comp=Z,250nm,1.1s	31.78 318	Iamb	Iamb	22 59 53.9
DECC	Greenwater Val comp=Z,273nm,1.3s	31.81 314	P	P	22 59 52.9 +2.6
RSSD	Green Verdugo bazz=128,SNR=5.5	31.84 342	P	P	22 59 50.8 +0.1
UCCT	U. Connecticut comp=Z,231nm,0.9s	31.91 27	Iamb	Iamb	22 59 53.7
EDW2	Edwards Air Fo bazz=124,SNR=49	31.92 315	P	P	22 59 53.1 +1.9
LRMC	Laurel Mtn Rad bazz=125,SNR=108	32.04 316	P	P	22 59 54.8 +2.5
CTU	Camp Tracy	32.04 329	P	P	22 59 53.1 +0.7
SADO	comp=Z,153nm,1.0s	32.06 16	P	P	22 59 52.6 +0.4
SADO	Sadowa comp=Z,55nm,0.3s,bazz=249,slow=6.3,SNR=135	32.06 16	ScP	ScP	23 06 14.2 +0.9
SADO	comp=Z,10nm,1.0s,bazz=230,slow=2.4,SNR=3.6	32.13 44.9	LR	LR	
SADO	comp=Z,3um,21.3s,bazz=185,slow=38	32.06 16	Iamb	Iamb	22 59 54.2
FURC	Furnace Creek, bazz=127,SNR=52	32.08 318	P	P	22 59 54.9 +2.4
DNGC	San Nicolas Is bazz=119	32.16 311	P	P	22 59 55.1 +1.9
SCUC	Dugway, Tooele comp=Z,135nm,1.2s	32.21 328	Iamb	Iamb	22 59 57.6
BOAV	Boa Vista	32.23 109	eP	P	22 59 51.7 -2.4
BOAV	Boa Vista	32.23 108	P	P	22 59 51.8 -2.4
MPMC	Manual Prosr bazz=126,SNR=163	32.24 317	P	P	22 59 56.5 +2.3
L61B	Northampton bazz=214,SNR=9.8	32.25 26	P	P	22 59 54.1 +0.2
QUA2	Belchertown comp=Z,88nm,1.0s	32.25 316	Iamb	Iamb	22 59 56.1
OSI	Osito Audit: C	32.28 314	P	P	22 59 56.6 +2.2
OSI	comp=Z,291nm,1.2s bazz=122,SNR=13	32.28 314	P	P	22 59 56.6 +2.2
BRYW	Bryant College comp=Z,214nm,1.7s	32.31 28	Iamb	Iamb	22 59 56.9
M65A	Busby, Falmonth bazz=219	32.44 29	P	P	22 59 56.1 +0.6
R11A	Troy Canyon, C bazz=131,SNR=295	32.47 322	P	P	22 59 58.9 +2.8
SCCZ	Santa Cruz Isl bazz=129	32.60 312	P	P	22 59 59.4 +2.2
AC2N	Adirondack Com comp=Z,79nm,0.9s	32.62 24	Iamb	Iamb	22 59 59.6
ARVC	Arvin bazz=123,SNR=24	32.63 315	P	P	23 00 00.1 +2.7
HWUT	Hardware Ranch comp=Z,159nm,1.1s	32.65 331	Iamb	Iamb	23 00 01.7
BW06	Boulder Array	32.67 334	P	P	22 59 58.2 +0.3
BW06	Boulder Array	32.67 334	P	P	22 59 58.2 +0.4
PDAR	Pinedale Array comp=Z,4.7nm,0.6s,bazz=148,slow=8.7,SNR=22	32.67 334	ScP	ScP	23 02 42.1 +0.7
PDAR	comp=Z,8.1nm,0.5s,bazz=102,slow=5.7,SNR=45	32.67 334	ScP	ScP	23 06 17.4 +1.5
PDAR	comp=Z,11nm,1.0s,bazz=143,slow=5.2,SNR=15	32.67 334	ScP	ScP	23 10 08.4 +0.2
PDAR	comp=Z,1.3nm,0.5s,bazz=102,slow=3.2,SNR=5.0	32.67 334	LR	LR	23 16 33.0
ISAR	P. 867nm,20.3s,bazz=147,slow=42	32.68 316	P	P	22 59 59.6 +1.7
ISA	Isabella, Lake	32.68 316	P	P	22 59 59.6 +1.7
ISA	comp=Z,261nm,1.3s	32.68 316	Iamb	Iamb	23 00 02.0
ISA	comp=Z,261nm,1.3s	32.68 316	P	P	23 00 00.5 +2.7
HRV	Adam Dziewonski	32.77 27	P	P	22 59 59.0 +0.5
HRV	Adam Dziewonski	32.77 27	P	P	22 59 59.0 +0.5
HRV	Adam Dziewonski	32.77 27	P	P	22 59 59.0 +0.5
WES	Weston comp=Z,181nm,1.4s	32.78 27	Iamb	Iamb	23 00 00.1
BCX	Boston College comp=Z,222nm,1.5s	32.81 28	Iamb	Iamb	23 00 00.6
CWC	Cottonwood Cre bazz=125	32.85 317	P	P	23 00 01.8 +2.3
SPUT	South Promonto comp=Z,190nm,1.3s	32.85 329	Iamb	Iamb	23 00 03.0
BGU	Big Grassy Mtn	32.86 328	P	P	23 00 07.1 +1.3
BGU	comp=Z,178nm,1.2s	32.86 328	Iamb	Iamb	23 00 03.0
BGU	comp=Z,178nm,1.2s	32.86 328	Iamb	Iamb	23 00 03.0
NBC	Santa Barbara	32.89 313	P	P	23 06 18.4 +1.9
SNC	Newcomb	32.91 22	Iamb	Iamb	23 00 01.9
LCH	Last Change Ra comp=Z,93nm,0.9s	33.04 319	Iamb	Iamb	23 00 05.0
PKM	McPherson Peak bazz=121,SNR=34	33.19 313	P	P	23 00 04.9 +2.5
YES	Vestal, Richgr bazz=123,SNR=55	33.19 316	P	P	23 00 04.9 +2.8
TPH	Tonopah	33.28 320	P	P	23 00 05.4 +2.1
TPH	comp=Z,1um,1.3s	33.28 320	P	P	23 00 05.4 +2.1
TPH	Tinemaha, Big bazz=126,SNR=58	33.31 318	P	P	23 00 06.2 +2.9
AHID	Auburn Hatcher	33.35 332	P	P	23 00 03.5 -0.2
AHID	comp=Z,90nm,1.2s	33.35 332	Iamb	Iamb	23 00 07.4
FFD	Franklin Falls comp=Z,174nm,1.6s	33.51 26	Iamb	Iamb	23 00 07.6
SMMC	Simmler bazz=122,SNR=24	33.53 314	P	P	23 00 08.1 +2.9
EYMN	Ely comp=Z,237nm,1.7s	33.64 359	Iamb	Iamb	23 00 07.9
VOG	Volley Oaks Gs bazz=124	33.65 316	P	P	23 00 08.5 +2.3
REDW	Red Top Meadow bazz=124	33.71 333	P	P	23 00 06.9 0.0
REDW	comp=Z,146nm,1.1s	33.71 333	Iamb	Iamb	23 00 11.0
SNOW	Snow King Mtn comp=Z,126nm,1.0s	33.75 334	Iamb	Iamb	23 00 11.4
VT1	Waterbury comp=Z,231nm,1.6s	33.78 24	Iamb	Iamb	23 00 09.2
LOHW	Long Hollow comp=Z,132nm,1.1s	33.81 334	Iamb	Iamb	23 00 11.8
TPAW	Teton Pass	33.86 333	Iamb	Iamb	23 00 12.5
FRNY	Flat Rock comp=Z,209nm,1.4s	33.89 22	Iamb	Iamb	23 00 10.4
ELK	Elko comp=Z,273nm,1.4s	33.89 326	ScP	ScP	23 06 22.3 +2.2
ELK	comp=Z,15nm,1.0s,bazz=162,slow=1.8,SNR=17	33.89 326	LR	LR	23 16 02.0
ELK	comp=Z,815nm,19.8s,bazz=140,slow=40	33.89 326	Iamb	Iamb	23 00 13.5
PAGB	Antelope Grade comp=Z,96nm,0.9s	33.93 314	P	P	23 00 11.0 +2.3
MOOW	Moose Ponds	33.93 334	P	P	23 00 09.3 +0.1
FXWY	Fox Creek	34.01 313	P	P	23 00 09.4 -0.1
LBNH	Lisbon comp=Z,156nm,1.6s	34.03 25	Iamb	Iamb	23 00 11.1
MLVC	Mammoth, Mammo bazz=126,SNR=29	34.04 318	P	P	23 00 12.5 +2.7
NV11	Mina Array Sit	34.08 320	P	P	23 00 12.4 +2.3
NVAR	Mina Array Bea comp=Z,311nm,1.0s,bazz=135,slow=8.2,SNR=681	34.17 320	P	P	23 00 14.1 +3.1
NVAR	comp=Z,71nm,1.0s,bazz=136,slow=3.2,SNR=16	34.17 320	P	P	23 02 47.8 +2.1
NVAR	comp=Z,8.6nm,0.6s,bazz=136,slow=3.8,SNR=21	34.17 320	ScP	ScP	23 06 22.3 +1.1
NVAR	comp=Z,55nm,20.9s,bazz=134,slow=40	34.17 320	LR	LR	23 16 15.5
NVAR	Mina Array Bea	34.17 320	P	P	23 00 13.7 +2.7
NVAR	comp=Z,209nm,1.4s	34.17 320	P	P	23 02 47.1 +1.3
ETMB	Extrema	34.21 133	eP	P	23 00 11.8 +0.5
ETMB	Extrema	34.21 133	Iamb	Iamb	23 00 13.3
MDND	Maddock bazz=165,SNR=13	34.30 350	P	P	23 00 11.4 -0.3
H17A	Grant Village bazz=145	34.43 335	P	P	23 00 14.6 +1.4
MNTQ	Montreal, Queb	34.45 22	P	P	23 00 13.3 +0.4

MACA	Manacapurua-AM	34.59 118	eP	P	23 00 14.6 +0.1
YNR	Norris Junction	34.74 335	P	P	23 00 15.8 0.0
TRQ	Mont Tremblant comp=Z,203nm,1.2s	34.75 20	Iamb	Iamb	23 00 18.1
YMR	Madison River	34.82 335	P	P	23 00 16.9 +0.5
YH	comp=Z,119nm,1.8s	34.87 335	Iamb	Iamb	23 00 21.1
YH	Holmes Hill	34.87 335	P	P	23 00 17.2 +0.3
YERR	Yerington	35.09 334	P	P	23 00 20.7 +1.8
CLMT	Carthquake Lak	35.14 320	P	P	23 00 20.2 +1.0
GCMT	Greywolf	35.23 337	P	P	23 00 19.5 -0.4
CMB	Columbia Colle	35.27 318	P	P	23 00 21.8 +1.5
CMB	comp=Z,185nm,1.2s	35.27 318	P	P	23 00 21.8 +1.5
CMB	Columbia Colle	35.27 318	Iamb	Iamb	23 00 23.6
SMB	comp=Z,185nm,1.1s	35.29 315	Iamb	Iamb	23 00 23.7
HLID	Halley comp=Z,158nm,1.4s	35.51 330	Iamb	Iamb	23 00 26.4
VCNR	Virginia City comp=Z,208nm,1.3s	35.53 320	Iamb	Iamb	23 00 26.8
BCYI	Beal Canyon	35.60 332	P	P	23 00 24.8 +1.6
VLD0	Val d'Or	35.60 16	P	P	23 00 22.3 +0.5
VLD0	comp=Z,162nm,1.6s	35.60 16	Iamb	Iamb	23 00 23.8
MPK	Martis Peak	35.77 320	P	P	23 00 27.1 +2.3
SAML	Samuel	35.87 128	P	P	23 00 24.3 -1.2
SAML	comp=Z,6um,2.0s	35.87 128	P	P	23 00 27.5
SAML	Samuel	35.87 128	P	P	23 00 24.3 -1.2
DGMT	Dagmar	35.88 345	Iamb	Iamb	23 00 27.5
PKME	Peaks-Kenny Mtn	35.96 26	Iamb	Iamb	23 00 28.3
DLMT	Dillon	36.06 334	P	P	23 00 27.9 +0.9
DLMT	comp=Z,80nm,1.3s	36.06 334	Iamb	Iamb	23 00 31.6
MFID	Camas Ranch	36.10 329	P	P	23 00 28.6 +1.3
MFID	comp=Z,163nm,1.3s	36.10 329	Iamb	Iamb	23 00 32.5
MFID	comp=Z,163nm,1.3s	36.10 329	ScP	ScP	23 06 31.2 +3.3
ULM	Lac du Bonnet	36.17 355	P	P	23 00 26.7 -0.9
ULM	comp=Z,38nm,0.7s,bazz=174,slow=8.6,SNR=50	36.17 355	P	P	23 02 50.0 -1.0
ULM	comp=Z,8.7nm,0.3s,bazz=208,slow=3.1,SNR=82	36.17 355	ScP	ScP	23 06 27.7 -0.1
ULM	comp=Z,20nm,1.1s,bazz=165,slow=2.3,SNR=5.6	36.17 355	LR	LR	23 18 48.3
ULM	comp=Z,901nm,20.2s,bazz=170,slow=42	36.17 355	Iamb	Iamb	23 00 28.2
ULM	Lac du Bonnet comp=Z,191nm,0.8s	36.17 355	Iamb	Iamb	23 00 31.0
EMMW	East Machias comp=Z,243nm,1.7s	36.35 29	Iamb	Iamb	23 00 31.0
ORV	Oroville	36.85 319	P	P	23 00 35.6 +2.0
ORV	comp=Z,479nm,1.6s	36.85 319	P	P	23 00 35.9
ORV	Oroville	36.85 319	P	P	23 00 35.9 +2.0
GGN	Saint George comp=Z,166nm,1.6s	36.95 29	Iamb	Iamb	23 00 41.3
GDXM	Geyzers comp=Z,120nm,1.2s	37.28 317	Iamb	Iamb	23 00 41.1
PLID	Pearl Lake comp=Z,169nm,1.2s	37.40 330	Iamb	Iamb	23 00 41.1
O03E	Paynes Creek bazz=124	37.46 320	P	P	23 00 40.2 +1.4
PQI	Presque Isle	37.62 26	Iamb	Iamb	23 00 41.3
LPAZ	La Paz comp=Z,262nm,1.8s	37.75 143	P	P	23 00 41.5 -0.6
LPAZ	comp=Z,6.7nm,0.7s,bazz=319,slow=6.2,SNR=24	37.75 143	P	P	23 02 58.3 +1.1
LPAZ	comp=Z,4.0nm,0.4s,bazz=30,slow=6.8,SNR=8.1	37.75 143	P	P	23 06 35.6 +0.5
LPAZ	comp=Z,4.1nm,1.1s,bazz=83,slow=9.3,SNR=3.6	37.75 143	ScP	ScP	23 03 43.1 +1.0
LPAZ	La Paz	37.75 143	eP	P	23 00 43.7 +0.5
LPAZ	La Paz	37.75 143	eP	P	23 00 43.7 +0.5
LPAZ	La Paz	37.75 143	eP	P	23 00 43.7 +0.5
M50	Missoula comp=Z,105nm,1.4s	37.80 334	Iamb	Iamb	23 00 45.4
BMO	Blue Mountains comp=Z,126nm,1.2s	37.87 329	Iamb	Iamb	23 00 44.4
O02D	Mt. Diablo Mtn bazz=124	38.02 319	P	P	23 00 44.2 +0.6
WDC	Whiskeytown Da comp=Z,102nm,1.1s	38.09 320	P	P	23 00 43.1 -0.9
WDC	Whiskeytown Da	38.09 320	P	P	23 00 43.1 -0.9
WDC	Whiskeytown Da	38.09 320	P	P	23 00 43.1 -0.9
M04C	Maddock bazz=127,SNR=60	38.36 322	P	P	23 00 48.0 +1.5
N02D	Trinity Center bazz=125,SNR=7	38.41 320	P	P	23 00 46.4 -0.5
PB12	POC Station P	38.42 148	P	P	23 00 46.7 -0.3
LMN	Caledonia Mtn comp=Z,247nm,1.6s	38.45 30	Iamb	Iamb	23 00 48.8
I07A	Izee comp=Z,210nm,1.1s	38.48 326	Iamb	Iamb	23 00 50.0
F10A	Beach Ranch, E comp=Z,179nm,0.9s	38.64 330	I		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like KNRA Kununurra, FAKI Fak Fak, SIJI Sorong, FITZ Fitzroy Crossi, PSA00 Pilbara Seismi, etc.

IDC 07 23:41:08.8±2.1, 6.75S: 129.90E, h147km, 24km, mb3.6/2, mb1 3.8/7, mb1mx3.2/43, mbtmp4.2/7, Error ellipse: s-maj=33.3km s-min=17.6km az=85.0

NEIC 07 23:41:09.6±2.0, 6.73S: 0.06E: 129.87E: 0.09, h161km, 9km, mb4.6/7, Error ellipse: s-maj=12.3km s-min=9.3km az=83.0

ISC 07 23:41:08.1±0.7, 6.74S: 0.05E: 129.82E: 0.08, h150km, n33, c2504/37, mb4.7/6, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like SAUI Saumlaki, SAUI Saumlaki, FAKI Fak Fak, FAKI Fak Fak, DRS Darwin Rock St, SIJI Sorong, MTN Manton Dam, etc.

IDC 07 23:47:13.1±13.0, 38.76N: 72.75E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.2/45, mbtmp3.5/3, ML2.8/3, Error ellipse: s-maj=231.7km s-min=80.5km az=89.0, Tajikistan

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

IDC 08 00:05:12.2±2.2, 6.82S: 129.24E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.2/50, mbtmp3.4/4, ML2.8/3, Error ellipse: s-maj=91.0km s-min=28.6km az=75.0, Banda Sea

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

IDC 08 00:06:24.3±2.9, 37.55N: 72.94E, h0km, mb3.4/1, mb1 3.5/7, mb1mx3.2/68, mbtmp3.5/7, ML2.9/6, MS3.5/2, Ms1 3.5/2, ms1mx2.9/38, Error ellipse: s-maj=51.1km s-min=20.5km az=133.0

NNC 08 00:06:33.9±1.2, 38.23N: 72.30E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=11.0km s-min=7.6km az=169.0

ISC 08 00:06:28.5±1.1, 6.75S: 0.02E: 129.75E: 0.1, h10km, n16, c199/14, 8C-6D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Alice Springs, AAK Ala-Archa, AAK Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like TKM2 Tokmak 2, TKM2 Tokmak 2, MDOK Medeo, MDOK Medeo, PDGK Podgornoye, etc.

IDC 08 00:08:29.9±0.6, 37.05N: 97.84W, h0km, mb4.1/1, mb1 4.2/18, mb1mx4.0/55, mbtmp4.0/18, ML3.7/7, Error ellipse: s-maj=10.0km s-min=7.9km az=149.0

ANF 08 00:08:30.3±0.4, 36.94N: 97.82W, h2km, 3km, ML4.9/31, Error ellipse: s-maj=1.7km s-min=1.6km az=102.0

TUL 08 00:08:30.6±0.8, 36.95N: 0.03E: 97.82W: 0.05, h4km, 7km, ML4.1, mb_Lg4.0/118(NEIC), Mw3.5/28(NEIC), Error ellipse: s-maj=6.0km s-min=3.5km az=68.0

NEIC 08 00:08:30.6, 36.95N: 97.82W, h4km, Moment Tensor Solution. Moment tensor: Scale 1014Nm; Mw=3.30; Ms=1.94; Ms=0.64; Mn=0.06; Mw=1.09; Mw=0.83; Fault plane solution: Ms=2.10000; 1014 Np1=92.147 43000°, 564.70000°, -137.66000°. NP2=103.25000°, 554.13000°, -37.47000°. Principal axes: T 2.3529, Plg4.0000°, Azm339.0000°; N -0.3683, Plg4.0000°, Azm246.0000°; P -1.9846, Plg50.0000°, Azm73.0000°

NEIC 08 00:08:31.3±0.7, 36.94N: 0.02E: 97.81W: 0.07, h1km, 7km Error ellipse: s-maj=8.4km s-min=0.9km az=68.0

ISC 08 00:08:30.5±0.7, 36.93N: 0.02E: 97.79W: 0.02, h9km, 5km, n244, c05/99/280, mb4.0/11, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like GC02 Grant County #, KAN17 Caldwell West, KAN11 Manchester OK, etc.

IDC 08 00:05:12.2±2.2, 6.82S: 129.24E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.2/50, mbtmp3.4/4, ML2.8/3, Error ellipse: s-maj=91.0km s-min=28.6km az=75.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like FNO Franklin, TUL1 Leonard, TUL1 Leonard, etc.

IDC 08 00:05:12.2±2.2, 6.82S: 129.24E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.2/50, mbtmp3.4/4, ML2.8/3, Error ellipse: s-maj=91.0km s-min=28.6km az=75.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like X34A Smith Ranch, KSU1 Kansas State U, KSU1 Kansas State U, etc.

IDC 08 00:06:24.3±2.9, 37.55N: 72.94E, h0km, mb3.4/1, mb1 3.5/7, mb1mx3.2/68, mbtmp3.5/7, ML2.9/6, MS3.5/2, Ms1 3.5/2, ms1mx2.9/38, Error ellipse: s-maj=51.1km s-min=20.5km az=133.0

NNC 08 00:06:33.9±1.2, 38.23N: 72.30E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=11.0km s-min=7.6km az=169.0

ISC 08 00:06:28.5±1.1, 6.75S: 0.02E: 129.75E: 0.1, h10km, n16, c199/14, 8C-6D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like U38A Gravette, U38A Gravette, LOOK Love County, X37A Clayton, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like Z35A bolav=353, S39A Bolivar, S39A Bolivar, etc.

IDC 08 00:08:29.9±0.6, 37.05N: 97.84W, h0km, mb4.1/1, mb1 4.2/18, mb1mx4.0/55, mbtmp4.0/18, ML3.7/7, Error ellipse: s-maj=10.0km s-min=7.9km az=149.0

ANF 08 00:08:30.3±0.4, 36.94N: 97.82W, h2km, 3km, ML4.9/31, Error ellipse: s-maj=1.7km s-min=1.6km az=102.0

TUL 08 00:08:30.6±0.8, 36.95N: 0.03E: 97.82W: 0.05, h4km, 7km, ML4.1, mb_Lg4.0/118(NEIC), Mw3.5/28(NEIC), Error ellipse: s-maj=6.0km s-min=3.5km az=68.0

NEIC 08 00:08:30.6, 36.95N: 97.82W, h4km, Moment Tensor Solution. Moment tensor: Scale 1014Nm; Mw=3.30; Ms=1.94; Ms=0.64; Mn=0.06; Mw=1.09; Mw=0.83; Fault plane solution: Ms=2.10000; 1014 Np1=92.147 43000°, 564.70000°, -137.66000°. NP2=103.25000°, 554.13000°, -37.47000°. Principal axes: T 2.3529, Plg4.0000°, Azm339.0000°; N -0.3683, Plg4.0000°, Azm246.0000°; P -1.9846, Plg50.0000°, Azm73.0000°

NEIC 08 00:08:31.3±0.7, 36.94N: 0.02E: 97.81W: 0.07, h1km, 7km Error ellipse: s-maj=8.4km s-min=0.9km az=68.0

ISC 08 00:08:30.5±0.7, 36.93N: 0.02E: 97.79W: 0.02, h9km, 5km, n244, c05/99/280, mb4.0/11, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like GC02 Grant County #, KAN17 Caldwell West, KAN11 Manchester OK, etc.

IDC 08 00:05:12.2±2.2, 6.82S: 129.24E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.2/50, mbtmp3.4/4, ML2.8/3, Error ellipse: s-maj=91.0km s-min=28.6km az=75.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like FNO Franklin, TUL1 Leonard, TUL1 Leonard, etc.

IDC 08 00:05:12.2±2.2, 6.82S: 129.24E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.2/50, mbtmp3.4/4, ML2.8/3, Error ellipse: s-maj=91.0km s-min=28.6km az=75.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like X40A Basin Creek Fa, X40A Basin Creek Fa, X40A Basin Creek Fa, etc.

IDC 08 00:06:24.3±2.9, 37.55N: 72.94E, h0km, mb3.4/1, mb1 3.5/7, mb1mx3.2/68, mbtmp3.5/7, ML2.9/6, MS3.5/2, Ms1 3.5/2, ms1mx2.9/38, Error ellipse: s-maj=51.1km s-min=20.5km az=133.0

NNC 08 00:06:33.9±1.2, 38.23N: 72.30E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=11.0km s-min=7.6km az=169.0

ISC 08 00:06:28.5±1.1, 6.75S: 0.02E: 129.75E: 0.1, h10km, n16, c199/14, 8C-6D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like W41B Gary Mavity, W41B Gary Mavity, W41B Gary Mavity, etc.

IDC 08 00:20:34.1±1.0, 7.85S, 128.34E, h0km, mb3.9/5, mb1.4/2.1, mb1mx3.9/30, mbtmp4.0/11, ML3.9, MS3.6/3, Ms1.3/6.3, ms1mx2.9/36, Error ellipse: s-maj=27.3km, s-min=18.6km az=75.0

NEIC 08 00:20:38.8±2.2, 7.97S, 0.02±128.29E, 0.06, h35km±2km, mb4.2/8, Error ellipse: s-maj=11.0km s-min=3.2km az=255.0

DJA 08 00:20:41.6±0.4, 7.54S, 12.8E±1.2, h97km±39km, M4.2/12, mb4.6/6, mb4.5/9, MLV4/12, Mw(mB)3.8/6

ISC 08 00:20:38.6±0.6, 7.98S, 0.06±128.33E, 0.06, h44km, n48, r173/49, mb3.9/6, Banda Sea

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

IDC 08 00:25:41.8±1.0, 36.96N, 97.89W, h0km, mb3.5/1, mb1.3/8.5, mb1mx3.5/43, mbtmp3.5/5, ML3.3/4, Error ellipse: s-maj=13.5km s-min=11.2km az=123.0

ANF 08 00:25:41.3±1.3, 36.93N, 97.81W, h0km, ML3.9/10, Error ellipse: s-maj=5.5km s-min=3.7km az=50.0

TUL 08 00:25:42.5±1.4, 36.94N, 0.04±97.83W, 0.06, h8km, 5km, ML3.4, mb, Lg3.2/73(NEIC), Error ellipse: s-maj=6.9km s-min=4.9km az=70.0

NEIC 08 00:25:42.3±1.2, 36.95N, 0.04±97.81W, 0.06, h9km±5km, Error ellipse: s-maj=6.6km s-min=5.4km az=99.0

ISC 08 00:25:41.6±0.8, 36.98N, 0.02±97.78W, 0.03, h12km±5km, n99, r142/87, Oklahoma

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

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

SOME 08 00:29:23.5, 38.03N, 72.20E, h0km, NNC 08 00:29:23.1±2.9, 38.23N, 72.41E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=23.3km s-min=16.0km az=21.0

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

ISC 08 00:25:42.5±2.3, 37.73N, 0.1±172.01E, 0.07, h10km, n13, Code Station Name Az Az' Phase ID Time Res ISC h m s ISC

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include X40A Basin Creek Fa, WHAR Woolly Hollow, MSTX Muleshoe, WLAR White Oak Lake, OGNE Ogallala, 237A Washetta, P40A Paris, N38A Joes South For, P25A Trinidad, PBMO Poplar Bluff, 435B Jarrell, JCT Junction City, RSSD Black Hills.

TUL 08 00:30:30.3.1.1.361.95N.01:02.97.82W.01:02.15km,6km, ML3.4, mb, Lg3.394(NEIC), Error ellipse: s-maj=2.9km s-min=2.5km az=45.0

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include KAN17 Caldwell West, GC02 Grant County #, KAN14 Manchester OK, KAN01 Argonia South, KAN09 Caldwell North, KAN13 South Haven SW, KAN10 Anthony SW Sta, KAN06 Argonia West S, KAN08 Harper NE Sta, KAN16 Harper SW Sta, OK032 Salt Plains WL, KAN12 Harper NE Stat, CROK Carrier, T35A Sooner Cattle, U32A Winter Ranch, OK029 Liberty Lake, OK031 S. Brethren Rd, OK034 N. Norfolk, BCOK Bluff Creek, N, OK030 Cody Creek RV, OK009 Oakdale Elemen, OK025 Westminster Rd, OKCFA Oklahoma City, OKCWS OKLAHOMA CITY, R32A Long Quarter, R32A.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include FNO Franklin, X34A Smith Ranch, LOOK Love County, X37A Clayton, HHAR Hobbs, Z35A Perchaven, S33A Solivar, W39A Magazine, AMTX Amarillo, N33A J Bar K, Exete, U40A Yellowknife, P38A Dawn, Z38A Mt. Pleasant, KSCO Kaye Shedlock, MGMO Mountain Grove, BGNE Belgrade, ABTX Abilene, Wawen, FCAR Ozark Folk Cen, X40A Basin Creek Fa, WHAR Woolly Hollow, WLAR White Oak Lake, 237A Washetta, P40A Paris, N38A Joes South For, T25A Trinidad, CCM Cathedral Cave, CCR Cane Creek, NATX Nacogdoches, PBMO Poplar Bluff, HBAR Harrisburg, SCIA State Center, PARMO Parma, ISCO Idaho Springs, ECSD EROS Data Cent, P43A Skaggs, Pawnee, W45A Hickory Valley, Q44A Meyer Farm, Va, L40A Anamosa, ANMO Albuquerque, ANMO, T45A Paducah, Y45A Yeager Farm, C, SUSD Miller, I37A Lemond, Waseca.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include O44A Mansfield, JFWS Jewell Farm, RSSD Black Hills, RWWY Rawlins, M44A Midewin, Midew, K22A Casper, TXAR Lajitas, TXAR, TXAR, E28A Huff, PDAR Pinedale Array, PDAR, PDAR, TKL Tuckaleehee C, ULM Lac du Bonnet, ULM, ILAR Eielson Array.

NNC 08 00:56:14.2.3.9.38.23N:73.46E, h9km, mb3.6, mb4.1, mpv3.6, 4C-4D, Error ellipse: s-maj=28.0km s-min=20.3km az=160.0, Tajikistan-Xinjiang border

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include AAK Ala-Archa, MRKS Merke, IUG luzhnyay, IUG, TKM2 Tokmak 2, TKM2, KST Kastek, KK02 Karatay Array, KK02, MDOK Medeo, MDOK, PDGK Podgornoye, AB31 Akbulak array.

IDC 08 00:58:16.2.1.3.37.77N:72.82E, h0km, mb3.8/6, mb1.3/8.12, mb1mx3.6/4.1, mbtmp3.6/12, ML3.2/6, Error ellipse: s-maj=25.6km s-min=19.1km az=130.0

SOME 08 00:58:22.0.2.7.38.09N:72.54E, h0km, mb4.4, mpv4.0, Error ellipse: s-maj=19.4km s-min=14.1km az=173.0

ISC 08 00:58:20.2.1.1.38.05N:07.72.61E.0:07, h10km, n24, c266/27, mb3.8/6, 6C-4D, Tajikistan

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include IUG luzhnyay, IUG, IUG, MRKS Merke, MRKS, MRKS, MRKS, AAK Ala-Archa, AAK, AAK, AAK, KK02 Karatay Array, KK02, TKM2 Tokmak 2, TKM2, KST Kastek, KST, KST, KST, MDOK Medeo, MDOK, PDGK Podgornoye, MKAR Makanchi Array, GEYT Alibeck, KURBS Kurchatov Arra, AB31 Akbulak array, BVAR Borovoye Array, ZALV Zalesov Beam, SONM Songoing Array, FINES FINESS Array B, FINES ARCESS Array B, TORD Torodi Arr, YKA Yellowknife Arr, WRA Warramunga Arr.

SOME 08 01:15:45.1.38.27N:73.72E, h0km, NNC 08 01:15:49.8.2.6.38.5N:01.73.78E.0:07, h10km, n13, c3808/18, 7C-1D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include AAK Ala-Archa, MRKS Merke, IUG luzhnyay, IUG, TKM2 Tokmak 2, TKM2, KST Kastek, KST, KST, KST, MDOK Medeo, MDOK, PDGK Podgornoye, MKAR Makanchi Array, GEYT Alibeck, KURBS Kurchatov Arra, AB31 Akbulak array, BVAR Borovoye Array, ZALV Zalesov Beam, SONM Songoing Array, FINES FINESS Array B, FINES ARCESS Array B, TORD Torodi Arr, YKA Yellowknife Arr, WRA Warramunga Arr.

SOME 08 01:15:45.1.38.27N:73.72E, h0km, NNC 08 01:15:49.8.2.6.38.5N:01.73.78E.0:07, h10km, n13, c3808/18, 7C-1D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include AAK Ala-Archa, MRKS Merke, IUG luzhnyay, IUG, TKM2 Tokmak 2, TKM2, KST Kastek, KK02 Karatay Array, MDOK Medeo, MDOK, KUU Kurty, KUU, KUU, AB31 Akbulak array.

NNC 08 01:19:49.4.2.3.39.59N:73.17E, h0km, mb3.6, mpv3.2, 3C-2D, Error ellipse: s-maj=32.1km s-min=15.2km az=137.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include AAK Ala-Archa, AAK, TKM2 Tokmak 2, TKM2, MDOK Medeo, MDOK, AB31 Akbulak array.

IDC 08 01:22:20.7.4.4.47.23N:151.91E, h82km, 28km, mb3.5/6, mb1.3/8.12, mb1mx3.3/4.6, mbtmp3.8/8, Error ellipse: s-maj=106.1km s-min=24.5km az=136.0

ISC 08 01:22:19.8.4.4.46.39N:06.152.1E.0:5, h100km, n16, c151/10, mb3.5/5, Kuril Islands

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include PETK Petropavlovsk, ASAJ Asahikawa, USRK Ussuriysk Arr, KRSR Korea Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, MKAR Makanchi Array, MKAR, FINES FINESS Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, AKASG Malin Array Be, GERES GERES Array B.

IDC 08 01:24:23.6.0.9.4.98S:153.46E, h0km, mb3.8/8, mb1.3/8.12, mb1mx3.8/3.1, mbtmp3.8/8, MS2.9/3, Ms1 2.9/3, ms1mx2.5/38, Error ellipse: s-maj=35.3km s-min=22.7km az=90.0

NEIC 08 01:24:33.0.8.5.0S:0.1.153.6E.0:1, h75km, 7km, mb4.1/12, Error ellipse: s-maj=27.7km s-min=10.2km az=46.0

ISC 08 01:24:31.0.8.5.1S:0.1.153.7E.0:1, h56km, n25, c1827/26, mb4.0/12, MS2.8/3, New Ireland region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Rows include RABL Rabaul, RABL, DZM Mont Dumazac, DZM, DZM, DZM, MTN, MTN, WB0 Warramunga Arr, WB0, WB2 Warramunga Arr, WB2, WRA Warramunga Arr, WRA, WRA, ASAR Alice Springs, ASAR, STKA Stephen Creek, KAPI Kappang, QIZ Qiongzong.

8m 2h

SOND Songio Array 67.04 327 P P 01 35 18.1 -0.4
SONM Songio Array 67.04 327 P P 01 35 17.1 -1.4
VANDA Vanda 72.12 178 P P 01 35 52.4 +0.9
MK31 Makanchi Array 81.12 319 IAMB IAMB 01 36 39.3 -1.3

SOME 08 01:40:15.9,38°50'N,72°68'E,h0km
NINC 08 01:40:24.6,2.1,38°42'N,72°99'E,h5km,9km,mb4.0,
mpv3.6,Error ellipse: s-maj=13.6km s-min=11.9km
az=43.0

Code Station Name Az AZZ Phase ID Time Res
IUG luzhnay 4.17 331 eP Sb 01 41 33.7 +3.2
IUG 28nm,0.7s 4.17 331 Pg Pb 01 41 37.2 -3.0
IUG luzhnay 4.17 331 Pg Pb 01 41 37.2 -3.0

IDC 08 01:42:48.5,1.6,0.61N:126°74'E,h0km,mb3.7/4,
mb1 3.9/4,mb1mx3.6/34,mbtmp3.8/4,Error ellipse:
s-maj=172.3km s-min=21.9km az=67.0,Northern
Molucca Sea

Code Station Name Az AZZ Phase ID Time Res
WRA Warramunga Arr 21.74 160 P P 01 47 40.9 -0.8
ASAR Alice Springs 25.12 164 P P 01 48 15.9 +0.7
MKAR Makanchi Array 60.12 326 P P 01 52 57.7 -0.1

GUC 08 01:47:48.0,7.2,17°S:68°93'W,h119km,3km,ML3.3
IDC 08 01:48:18.9,7.5,18°26'S:66°84'W,h189km,4.2km,mb3.4/2,
s-maj=3.4/3,mb1mx3.0/27,mbtmp3.9/3,Error ellipse:
s-maj=150.0km s-min=51.6km az=28.0

ISC 08 01:47:47.9,1.3,21.18S:0°03:69.00W,0°08,
h122km,10km,n19,c0511/82,8C-1D,Chile-Bolivia border
region

Code Station Name Az AZZ Phase ID Time Res
PB01 IPOC Station P 0.48 286f eP Sb 01 48 06.0 -0.1
PB01 eS Sb 01 48 19.4 -0.4
PB01 IAMB IAMB 01 48 20.4

2015 DEC

LPAZ La Paz 4.93 10 P Pn 01 49 01.2 +0.7
LPAZ comp=E,0.1nm,0.3s,baz=170,slow=6.1,SNR=2.5
BDFB Brasilia 20.65 78 P P 01 52 17.8 -0.4
KOWA Kowa 72.96 67 P P 01 59 11.5 +6.9

NNC 08 01:54:49.1,3.3,38°05'N:72°47'E,h0km,16km,mb3.6,
mpv3.2,3C-3D,Error ellipse: s-maj=24.2km
s-min=18.4km az=177.0,Tajikistan

Code Station Name Az AZZ Phase ID Time Res
AAK Ala-Archa 4.84 18 Pg Pb 01 56 16.5 +1.6
AAK 5.7nm,1.0s 4.84 18 Pg Pb 01 57 22.9
KK02 Karatay Array 5.26 344 U Pg Pb 01 56 09.0 -0.1

THE 08 01:56:10.1,38°83'N:20°63'E,h7km,ML2.7/6,Error ellipse:
s-maj=1.7km s-min=0.7km az=95.0
ATH 08 01:56:10.1,38°82'N:20°63'E,h8km,1km,ML2.6/4,Error
ellipse: s-maj=2.3km s-min=1.0km az=296.0

ISC 08 01:56:08.4,0.8,38°84'N:0°03:20.53E,0.04,h13km,5km,
n45,c1519/68,Greece

Code Station Name Az AZZ Phase ID Time Res
TSLK Tsoukalades, L 0.10 99 P Pg 01 56 12.6 -0.9
TSLK 49um,0.2s 0.10 99 P Pg 01 56 12.6 -0.9
TSLK Tsoukalades, L 0.10 99 P Pg 01 56 11.4 0.0

ISC 08 01:59:23.0,0.8,38°84'N:0°02:20.60E,0°03,h12km,4km,
n43,c1518/67,Greece

Code Station Name Az AZZ Phase ID Time Res
IGT Igomunitsa 0.71 347 P Pn 01 56 24.2 0.0
PSDA Pessada-Kefalo 0.73 177 P Pn 01 56 23.0 +0.1
PSDA Pessada-Kefalo 0.73 177 P Pn 01 56 23.8 +1.1

THE 08 01:59:24.0,38°83'N:20°61'E,h6km,1km,ML2.5/6,Error
ellipse: s-maj=2.0km s-min=0.7km az=101.0
ATH 08 01:59:24.1,38°82'N:20°61'E,h8km,1km,ML2.4/6,Error
ellipse: s-maj=2.0km s-min=1.0km az=117.0

Code Station Name Az AZZ Phase ID Time Res
TSLK Tsoukalades, L 0.05 110 P Pg 01 59 26.5 -0.4
TSLK 52um,0.2s 0.05 110 P Pg 01 59 26.5 -0.4
TSLK Tsoukalades, L 0.05 110 P Pg 01 59 25.3 +0.1

404

DRAG Dragano-Lefkad 0.16 187 P P 01 59 27.1 +0.4
LEFKADA Lefkada island 0.22 169 P S 01 59 28.2 +0.5
EVGI Lefkada island 0.22 169 P S 01 59 31.9 +0.9

ISC 08 01:59:23.0,0.5,47°27'N:0°03:11.47E,0°03,h10km,
ML1.4/3,Error ellipse: s-maj=3.3km s-min=1.3km
az=325.0

Code Station Name Az AZZ Phase ID Time Res
WATA Walderalm 0.10 82 i Pg Pg 01 59 26.5 0.0
WATA 12nm,0.1s,SNR=285 0.10 82 i Pg Pg 01 59 28.4 +0.2

ISC 08 01:59:23.0,0.5,47°27'N:0°03:11.47E,0°03,h10km,
ML1.4/3,Error ellipse: s-maj=3.3km s-min=1.3km
az=325.0

Code Station Name Az AZZ Phase ID Time Res
WATA Walderalm 0.10 82 i Pg Pg 01 59 26.5 0.0
WATA 30nm,0.2s 0.10 82 i Pg Pg 01 59 28.4 +0.2
WTTA Wattenberg 0.15 113 i Pg Pg 01 59 27.4 0.0

ISC 08 01:59:23.0,0.5,47°27'N:0°03:11.47E,0°03,h10km,
ML1.4/3,Error ellipse: s-maj=3.3km s-min=1.3km
az=325.0

Code Station Name Az AZZ Phase ID Time Res
WATA Walderalm 0.10 82 i Pg Pg 01 59 26.5 0.0
WATA 30nm,0.2s 0.10 82 i Pg Pg 01 59 28.4 +0.2
WTTA Wattenberg 0.15 113 i Pg Pg 01 59 27.4 0.0

ML3.5, mb_Lg3.175(NEIC), Error ellipse: s-maj=6.2km s-min=1.4km az=121.0 ANF 08:02:04:40.0.0.3, 36:93N-97:80W, h6km, ML3.9/14, Error ellipse: s-maj=3.3km s-min=3.1km az=60.0 NEIC 08:02:04:39.8.0.8, 36:94N-0:04:97:79W, 0.06, h6km, 7km, Error ellipse: s-maj=7.6km s-min=5.3km az=76.0 ISC 08:02:04:39.8.0.9, 36:94N-0:02:97:81W, 0.02, h7km, 6km, n106, o#53/97, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Grant County #, Caldwell West, Monarche OK, etc.

REN 08:02:11:45.4.0.4, 35:98N-0:01:114:83W, 0.04, h5km, 5km, ML1.1, Error ellipse: s-maj=4.6km s-min=1.7km az=96.0 NEIC 08:02:11:45.1.0.2, 35:98N-0:02:114:81W, 0.02, h5km, 5km, Error ellipse: s-maj=3.2km s-min=1.2km az=51.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nelson, Sheep Range, Hualapai Mount, etc.

NEIC 08:02:24:29.1.4, 59:89N-0:03:153:24W, 0.06, h125km, 4km, Error ellipse: s-maj=5.2km s-min=4.4km az=217.0 ANF 08:02:24:25.0.0.3, 59:87N-153:13W, h18km, 3km, ML4.0/44, Error ellipse: s-maj=2.6km s-min=2.2km az=108.0 AEIC 08:02:24:25.1.6, 59:89N-0:02:153:23W, 0.07, h123km, 3km,

ML3.6, mb4.0/3(NEIC), ML3.8/96(NEIC), Error ellipse: s-maj=5.5km s-min=2.6km az=78.0 IDC 08:02:48:28.9.7.4, 60:36N-153:23W, h128km, 72km, mb3.5/3, mb1 3.76, mb1mx3.1/45, mbtmp4.0/6, Error ellipse: s-maj=65.5km s-min=34.1km az=51.0 ISC 08:02:48:25.0.0.8, 59:88N-0:03:153:17W, 0.03, h130km, 5km, n244, o#14/259, mb4.0/4, Southern Alaska

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like B04A, I07A, F07A, etc.

KMA 08 03:09:49.0, 5.0, 35.75N, 125.30E, h0km, 169km, Error ellipse: s-maj=10.3km s-min=1.6km az=245.0, South Korea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ECDB, ECDB, OYBD, etc.

IDC 08 03:10:13.7, 4.5, 5.33S, 151.65E, h0km, mb3.1/2, mb1 3.5/2, mb1mx3.2/34, mbtmp3.2/2, Error ellipse: s-maj=197.9km s-min=54.3km az=119.0, New Britain region

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

SOME 08 03:11:28.1, 38.12N, 73.72E, h0km IDC 08 03:11:44.8, 2.0, 38.61N, 73.45E, h0km, mb3.3/2, mb1 3.5/5, mb1mx3.3/55, mbtmp3.5/5, ML3.2/3, MS2.9/1, Ms1 3.1/1, ms1mx2.3/33, Error ellipse: s-maj=34.6km s-min=23.6km az=137.0

KRNET 08 03:11:44.5, 0.1, 38.62N, 73.18E, h18km, mb3.7, NNC 08 03:11:49.0, 2.5, 38.62N, 72.99E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=30.3km s-min=20.5km az=8.0

ISC 08 03:11:48.0, 1.3, 38.74N, 0.07, 73.06E, 0.05, h10km, n25, c263/36, 11C-12D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DRK, DRK, SFK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MNAS, MRKS, AAK, IUG, etc.

IDC 08 03:37:30.9, 0.8, 39.11N, 141.01E, h0km, mb3.7/10, mb1 3.8/14, mb1mx3.5/43, mbtmp3.6/14, ML3.0/4, MS2.5/2, Ms1 2.5/2, ms1mx2.2/42, Error ellipse: s-maj=21.9km s-min=17.4km az=104.0

NIED 08 03:37:32.7, 39.06N, 140.87E, h7km, MW3.7, Moment Tensor solution. s3 Moment tensor: Scale 10^14Nm; Mn:2.72; Mw:-0.76; Mv:-1.96; Ms:-0.92; Mm:0.31; Mv:3.48; Fault plane solution: M4.31000x10^14 NP1: p=345.00000; s=73.00000; n=190.00000; NP2: p=167.00000; s=17.00000; n=91.00000

JMA 09 03:27:32.7, 39.06N, 140.87E, h7km, 1km, M3.6 Broadband fault plane solution: P waves. NP1: p=137.00000; s=819.00000; n=157.00000; NP2: p=352.00000; s=874.00000; n=101.00000. Principal axes: T P166.00000; Azm277.00000; N P1610.00000; Azm169.00000; P P1278.00000; Azm73.00000

JMA Felt II J1. ISC 08 03:37:32.0, 1.2, 39.08N, 0.03, 140.94E, 0.03, h6km, 8km, n30, c1929/34, mb3.7/10, 2C-6D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JMK, JMK, JRG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MRKS, MRKS, AAK, IUG, etc.

SOME 08 03:42:19.9, 40.20N, 76.97E, h0km KRNET 08 03:42:22.6, 0.1, 39.91N, 77.27E, mb3.4, NNC 08 03:42:22.6, 0.8, 40.22N, 76.99E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=5.7km s-min=4.2km az=172.0

ISC 08 03:42:18.6, 2.5, 40.13N, 0.10, 76.95E, 0.03, h11km, 16km, n57, c1935/83, 25C-3D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TARG, TARG, KDJ, etc.

8d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for YKA, WRA, WRA.

NIED 08 04:19:32.1, 31.34N: 128.55E, h12km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm...

JMA 08 04:19:32.1, 0.3, 31.34N: 128.55E, h12km, M3.7, IDC 08 04:19:33.0, 0.9, 31.34N: 128.55E, h0km, mb3.7/7...

ISC 08 04:19:34.7, 0.8, 31.35N: 128.77E, h10km, m2.0, s=11/20, mb3.8/7, Northwest of Ryukyu Islands

Main station list table for the 8d 5h section, listing stations like Shimokoshiki, Suzuyama, etc.

SKHL 08 04:27:15.7, 0.5, 45.40N: 147.50E, h172km, 7km, mb5.0/3, msh5.6/3

MOS 08 04:27:15.1, 1.1, 45.61N: 147.38E, h188km, mb4.3/5, Error ellipse: s-maj=18.0km s-min=8.6km az=62.9

JMA 08 04:27:17.8, 0.5, 45.16N: 147.59E, h183km, M4.1, NEIC 08 04:27:17.2, 0.9, 45.7N: 0.1, 147.13E: 0.09, h192km, 8km...

ISC 08 04:27:15.8, 0.6, 45.40N: 147.47E, h10km, m2.0, s=11/20, mb4.0/8, 2C-2D, Kuril Islands

Main station list table for the 8d 5h section, continuing from the previous table.

2015 DEC

Main station list table for the 2015 DEC section, listing stations like YSS, YSS, YSS, JKA, etc.

410

ANF 08 04:33:03.6, 1.1, 43.33N: 127.13W, h5km, ML3.5/2, Error ellipse: s-maj=10.7km s-min=7.2km az=53.0, Off coast of Oregon

Station list table for the ANF section, listing stations like Myrtle Point, Swissmore, etc.

VIE 08 04:44:10.2, 0.3, 50.13N: 18.41E, h0km, mb2.7/3, ml2.5/3, Error ellipse: s-maj=4.3km s-min=2.9km az=150.0 35 km

IPEC 08 04:44:10.7, 0.2, 50.08N: 18.48E, h3km, mb2.5/3, Error ellipse: s-maj=2.0km s-min=1.1km az=163.0

PRU 08 04:44:11.3, 0.0, 50.05N: 18.40E, h0km, m3.2, s=11/20, mb3.6/3, Poland

Main station list table for the 410 section, listing stations like Raciborz, Ostrowska-Krasne, etc.

IDC 08 05:08:07.2, 46.0, 16.32S: 175.08W, h0km, mb4.2/3, mb1.4/3, mb1mx3.8/3, mbtmp4.2/3, MS3.9/2, ms1mx3.0/32, Error ellipse: s-maj=374.0km s-min=169.8km az=78.0, Tonga Islands

Station list table for the IDC section, listing stations like Raoul Island, WTKA, etc.

OSPL 08 05:13:19.6:1.3, 19:55N:69:63W, h5km, 7km, ML4.2
NEIC 08 05:13:20.5:2.6, 19:62N:05:05:69:88W, 0.04, h6km, 2km,
mb4.3/23, Error ellipse: s-maj=7.7km s-min=5.8km
az=177.0

ISC 08 05:13:21.7:1.0, 19:52N:04:06:69:84W, 0.04, h2km, 4km,
n112, e1994/108, mb4.2/21, D, Dominican Republic
region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ILAR, Eielson Array, TORD, etc.

SOME 08 05:27:16.0, 38:38N:72:92E, h0km
IDC 08 05:27:17.2:2.6, 38:27N:73:25E, h0km, mb3.7/3,
mb1 3.7/4, mb1mx3.6/4, mbtm3.6/4, ML2.5/1, Error
ellipse: s-maj=67.7km s-min=27.2km az=152.0

KRNET 08 05:27:20.8:0.1, 38:80N:73:20E, h15km, mb3.6
NINC 08 05:27:23.1:4.7, 38:97N:73:52E, h0km, mb4.0, mpv3.7,
Error ellipse: s-maj=36.4km s-min=24.3km az=4.0

ISC 08 05:27:22.5:2.1, 38:95N:08:73:01E, 0.04, h8km, 11km,
n102, e251132, mb3.4/3, 15C-6D, Tajikistan-Xinjiang
border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DRK, Karamyk, SFK, etc.

IDC 08 05:27:46.2:1.4, 2:63S:140:00E, h0km, mb3.7/3,
mb1 4.0/4, mb1mx3.6/4, mbtm3.8/4, ML4.0, M3.3/2,
Ms1 3.3/2, ms1x2.7/35, Error ellipse: s-maj=30.3km
s-min=15.4km az=157.0

DJA 08 05:27:46.2:0.6, 2:5S:14:0E, h10km, M3.8/2, MLV3.8/2
ISC 08 05:27:47.4:1.0, 2:37S:0:09:140:11E, h0km, h25km, n116,
e1741/1, mb3.8/3, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GENI, Jayapura, JAY, etc.

SOME 08 05:37:55.3, 38:25N:73:35E, h0km
IDC 08 05:38:10.0:1.8, 38:57N:73:75E, h0km, mb3.7/3,
mb1 3.7/7, mb1mx3.6/4, mbtm3.6/7, ML3.3/4, M3.3/9,
Ms1 3.9/3, ms1mx3.0/58, Error ellipse: s-maj=34.8km
s-min=23.2km az=66.0

Error ellipse: s-maj=35.3km s-min=20.6km az=0.0
ISC 08 05:38:12.9:1.5, 38:85N:08:73:31E, 0.05, h10km, n31,
e269/38, mb3.5/3, MS4.1/3, 17C-7D, Tajikistan-Xinjiang
border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SFK, Sufi-Kurgan, SFK, etc.

SOF 08 05:43:12.3, 40:96N:22:52E, h2km, MD2.6
SKO 08 05:43:12.7, 40:99N:22:51E, h14km
ATH 08 05:43:13.4, 40:96N:22:54E, h16km, 7km, ML2.1/3, Error
ellipse: s-maj=7.2km s-min=1.0km az=33.0

IASPEI 08 05:43:13.1, 40:97N:0:03:22:50E, 0.02, h10km, 6km,
Error ellipse: s-maj=3.9km s-min=3.1km az=165.6, 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, <>Seism. Res. Let., <>, <>>80<>, 465-472,

THE 08 05:43:13.3, 40:96N:22:53E, h2km, 2km, ML2.1/6, Error
ellipse: s-maj=2.5km s-min=0.5km az=348.0

BEO 08 05:43:13.9, 40:97N:22:33E, h5km, 3km, ML1.7/6
ISC 08 05:43:13.9, 40:97N:0:02:22:51E, 0.02, h9km, 6km,
n38, e070/63, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GRG, Griva, GRG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TMUT Trail Mountain, U15A North Rim, P17A Butcher Ranch, etc.

IDC 08 05:58:01.2, 1.0, 38.68N:142.29E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.5/5.9, mbtmp3.8/8, ML3.1/1, Error ellipse: s-maj=33.2km s-min=23.8km az=78.0

NIED 08 05:58:06.8, 38.69N:142.26E, h38km, MW3.9 Moment Tensor Solution: s3 Moment tensor: Scale: 10^14Nm M=4.1, Mw=1.55, Mw=2.86, Mw=6.31, Mw=2.52, Mw:1.82; Fault plane solution: M=8.0000e+10^14 NP1=65.000000, 574.000000, 1.45.000000. NP2=198.000000, 823.000000, 1.45.000000.

JMA 08 05:58:06.7, 0.1, 38.69N:142.26E, h38km, 2km, M4.1 JMA Fell II J1. ISC 08 05:58:06.9, 1.3, 38.67N:142.3E, 0.1, h37km, 3km, n26, 0.54/27, mb3.8/7, 1C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OFUJ Ofunato, JKMT Kesennumatomy, JIKH Ishinomakikobu, etc.

IDC 08 05:59:08.2, 3.5, 37.89N:72.91E, h0km, mb3.5/3, mb1 3.6/7, mb1mx3.3/6.5, mbtmp3.5/7, ML2.9/4, MS2.8/1, Ms1 2.8/1, ms1mx2.5/3.4, Error ellipse: s-maj=75.7km s-min=21.4km az=139.0

ISC 08 05:59:08.2, 3.5, 37.89N:0.3:73.0E:0.2, h10km, n8, 0.1936/8, mb3.5/3, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Array, BVAR Burkatov Array, etc.

TUL 08 06:01:05.1, 1.1, 35.86N:102.96:92W:0.02, h5km, 6km, M2.8, mb_Lg2.2/10(NEIC), Error ellipse: s-maj=3.1km s-min=1.1km az=131.0

NEIC 08 06:01:05.3, 1.1, 35.87N:102.96:94W:0.02, h6km, 6km, Error ellipse: s-maj=3.2km s-min=1.2km az=134.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OK031 Clayton, OK032 Cody Creek RV, OK034 N. Norfolk Rd, etc.

JMA 08 06:07:35.3, 0.1, 38.69N:142.27E, h39km, 1km, M4.1 JMA Fell II J1. NEIC 08 06:07:36.6, 1.7, 38.73N:0.07:142.2E:0.1, h44km, 9km, mb4.2/10, Error ellipse: s-maj=15.0km s-min=8.6km

IDC 08 06:07:37.1, 2.4, 38.72N:142.30E, h52km, 20km, mb3.7/17, mb1 3.9/22, mb1mx3.6/6.2, mbtmp4.0/22, ML3.2/5, Error ellipse: s-maj=18.8km s-min=13.7km az=125.0

ISC 08 06:07:34.0, 0.6, 38.69N:142.32E:0.05, h24km, n65, 0.123/69, mb4.0/22, 9D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OFUJ Ofunato, JKMT Kesennumatomy, JIKH Ishinomakikobu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MKAR Makanchi Array, MAKZ Makanchi, KURK Kurchatov, etc.

NEIC 08 06:07:50.6, 2.9, 11.94S:0.08:104.33E:0.08, h10km, 1km, mb4.8/19, Error ellipse: s-maj=15.2km s-min=11.4km az=145.0

IDC 08 06:07:50.1, 0.9, 11.76S:104.61E, h0km, mb4.3/13, mb1 4.4/14, mb1mx3.9/5.3, mbtmp4.3/14, ML4.0/1, MS3.3/2, Ms1 4.2/2, ms1mx2.9/3.1, Error ellipse: s-maj=31.4km s-min=14.9km az=57.0

DJA 08 06:07:54.6, 0.7, 12.5S:5.10E, h42km, 7km, M5.2/36, mb5.1/36, mb5.6/15, ML5.5/15, Mw(mB)5.1/15, Mw(mwp)5.3/1, Mw(p)5.5/1

ISC 08 06:07:50.0, 0.5, 12.06S:0.06:104.32E:0.07, h10km, n128, 0.191/117, mb4.8/32, 3C, South Indian Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like XMIS Christmas Isla, XMI Christmas Isla, XMI Christmas Isla, etc.

8d 6h

2015 DEC

414

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kota Kinabalu, Lahad Datu, GTOI, etc.

JMA 08 06:15:54.6:0.1,24:16N,121:91E,h62km,1km,M2.8
TAP 08 06:15:55.3,24:22N,121:92E,h58km,ML3.7,B
ISC 08 06:15:56.1:1.2,24:19N,121:97E:0.02,121:97E:0.02,h51km,6km,
n2, -0.89/101, Taiwan

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

YULB Yu-li baz=222 1.00 218 eP Sn 06 16 12.5 -1.4
YULB baz=222 1.01 247 eP Sn 06 16 13.7 -0.3
SSLB Suanglung baz=240 1.02 253 eP Sn 06 16 14.4 +0.2

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

WRA Warramunga Arr 14.0 161 Op Pn 06 32 34.1 -0.6
WRA 1.6nm,0.3s,baz=339,slow=13,SNR=38 Sn 06 34 59.0 -12
ASAR Alice Springs 17.44 166 P Pn 06 33 19.9 +0.5

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

SOME 08 06:47:36.2,39:18N,73:12E,h0km
KRNET 08 06:47:40.1:0.1,39:15N,73:59E,h13km,mb3.2
NNC 08 06:47:42.9:5.9,39:39N,73:94E,h0km,mb3.8,mpv3.4,
Error ellipse: s-maj=44.5km s-min=26.0km az=153.0
ISC 08 06:47:43.7:1.5,39:24N,107:73.5E:0.06,h10km,n23,
#2807/41,26C-5D,Tajikistan-Kinjang border region

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

Table with columns: Station Name, SNR, Azimuth, Elevation, Frequency, and other parameters. Includes stations like OKEB, KSICN, KSAR, KSRRS, etc.

Table with columns: Station Name, SNR, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CN2, MDJ, ASAJ, JKA, ENH, etc.

Table with columns: Station Name, SNR, Azimuth, Elevation, Frequency, and other parameters. Includes stations like STKA, A36M, ARCES, NOR, etc.

SOME 08:09:28:48.2, 38:67N:72:87E, h0km
IDC 08:09:28:53.1, 2, 38:32N:72:90E, h0km, mb3.9/13,
mb1 4.0/18, mb1mx3.8/63, mbtmp3.9/18, ML3.5/5, MS2.9/1,
Ms1 2.9/1, ms1mx2.4/53, Error ellipse: s-maj=23.6km
s-min=15.3km az=140.0
NMC 08:09:28:54.8, 5.2, 38:21N:72:81E, h0km, mb4.7, mpv4.3,
Error ellipse: s-maj=41.5km s-min=30.2km az=4.0
NEIC 08:09:28:55.3, 2.9, 38:25N:106:72.93E:0.09, h10km, 1km,
mb4.6/8, Error ellipse: s-maj=13.6km s-min=6.4km
az=126.0
ISC 08:09:28:55.2, 0.5, 38:30N:104:04:72.94E:0.05, h10km, n67,
c254/74, mb4.1/15, 5C-5D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DRK, GAR, BTK, etc.

8d 10h

NEIC 08 10:24:24.6,3.38,76N,0.05,73.27E,0.08,h10km,1km, mb4.0/9, Error ellipse: s-maj=13.1km s-min=3.7km az=127.0

ISC 08 10:24:23.21.1,3876N,0.02,73.10E,0.02,h10km,1km, n183,1984/217,mb4.1/21,MS3.3/10,38C-25D, Tajikistan-Xinjiang border region

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

2015 DEC

Main table of seismic events with columns: KDJ, Kajisay, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists individual seismic events.

422

Table with columns: AKTO, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their characteristics.

IDC 08 10:20:40.1-4.1, 8'68S: 124'61E, h76km,40km, mb3.5/4, mb1.4/0.7, mb1mx3.2/44, mbtmp4.1/7, ML4.4/3, MS2.5/2, Ms1.2/5.2, ms1mx2.3/28, Error ellipse: s-maj=37.1km s-min=20.0km az=44.0

DJA 08 10:48:42.5, 6.4, 9, S, 124.2, 12.4E, h110km, 5km, M4.2/13, mb4.5/7, mb4.8/6, MLv4.3/13, Mw(mb)4.0/6

ISC 08 10:48:43.3, 1.0, 8.97S, 0.08, 124.25E, 0.10, h127km, 9gkm, n25, s167/28, mb3.7/4, Timor region

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

8d 12h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAPS, KTBS, MTBS, etc.

MAN 08 12:26:59.2, 11:19N:125:72E, h26km, mb4.7, ML3.6, MS3.4, 1C-3D, Samar

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OCLP, SCPH, GLSP, etc.

TUL 08 12:26:59.1, 2.35:85N:0:02:96:64W:0:02, h5km, 6km, ML2.6, mb, Lg2.4/9(NEIC), Error ellipse: s-maj=2.4km

NEIC 08 12:26:59.1, 2.35:86N:0:01:0:96:63W:0:02, h5km, 2km, Error ellipse: s-maj=3.0km s-min=2.6km az=297.0, Oklahoma

Main table for Oklahoma stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OK030, OK034, etc.

IDC 08 12:26:59.0, 8.23:64S:179:96W, h521km, 8km, mb3.5/15, mb1.3/7.18, mb1mx3.6/25, mbtmp4.4/18, Error ellipse: s-maj=14.5km s-min=13.4km az=111.0

NEIC 08 12:26:59.1, 5.2:1.2, 35:86N:0:01:0:96:63W:0:02, h5km, 2km, Error ellipse: s-maj=18.0km s-min=17.2km az=92.0

ISC 08 12:26:59.2, 0.5, 23:68S:0:06:179:95W:0:08, h532km, n81, c130/86, mb4.4/26, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAO, MSVF, etc.

2015 DEC

Main table for 2015 DEC stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MSVF, NIUE, etc.

TUL 08 12:27:58.0, 4.9, 35:85N:0:02:96:64W:0:02, h5km, 6km, s-maj=1.9, mb, Lg2.3/19(NEIC), Error ellipse: s-maj=2.4km

NEIC 08 12:27:58.0, 8.23:64S:179:96W:0:02, h5km, 2km, Error ellipse: s-maj=3.0km s-min=2.5km az=309.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OK030, OK034, etc.

424

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OK031, OK025, etc.

LDG 08 12:31:50.5, 0.45:89N:7:04E, h4km, Md1.4/1, MI1.3/2, Error ellipse: s-maj=0.9km s-min=0.6km az=92.0

ZUR 08 12:31:50.5, 45:90N:7:04E, h4km, 1km, MLh0.6/6, 8C-2D, Error ellipse: s-maj=3.5km s-min=0.7km az=160.0, Northern Italy

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like REMY, MRGE, etc.

BEO 08 12:33:43.2, 0.8, 42:83N:23:87E, h0km, ML1.8/4, Mining explosion., Bulgaria

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VTS, ZAPS, etc.

IDC 08 12:37:52.9, 2.8, 37:89N:72:69E, h0km, mb3.4/2, mb1.3/4.4, mb1mx3.1/45, mbtmp3.4/4, ML2.8/2, Error ellipse: s-maj=96.9km s-min=28.4km az=146.0

SOME 08 12:37:54.3, 38:45N:72:32E, h0km, NNC 08 12:38:03.1, 3.9, 39:79N:72:36E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=31.2km s-min=21.1km az=86.0

ISC 08 12:38:01.5, 1.9, 38:7N:0:1:72:32E:0.06, h10km, n20, c271/25, 7C-2D, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IUG, MRKS, etc.

8d 12h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SOTA, PCON, MALB, etc.

2015 DEC

Table with columns for call sign, frequency, power, and other technical details. Includes stations like HKT, GOGA, GOGA, etc.

428

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MNTX, Cornudas Mount, MNTX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, PDAR comp=Z,0.3nm,0.6s, and NVAR Mina Array Bea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, PDAR Pinedale Array, and AKASG Malin Array Bea.

IDC 08 14:01:24.4.1.3.36:06Sx109:07W, h0km, mb3.9/3, mb1.4/3.0, mb1mx3.8/29, mbmp3.9/3, MS3.76, M1.3.7/6, ms1mx3.5/27, Error ellipse: s-maj=60.6km s-min=35.7km az=45.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRK Karamyk, IUG luzhnay, and NVAR Mina Array Bea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKTO Aktyubinsk, ZALV Zalesovo Beam, and GTA Gantai.

IDC 08 14:53:39.0.1.8.19:64N.0.10:65:44W.0:06, h39km, 46km, Error ellipse: s-maj=16.0km s-min=4.6km az=207.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKTO Aktyubinsk, ZALV Zalesovo Beam, and GTA Gantai.

IDC 08 14:01:24.4.1.3.36:06Sx109:07W, h0km, mb3.9/3, mb1.4/3.0, mb1mx3.8/29, mbmp3.9/3, MS3.76, M1.3.7/6, ms1mx3.5/27, Error ellipse: s-maj=60.6km s-min=35.7km az=45.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPV Rapa Nui, H03S2 Juan Fernandez, and H03S1 Juan Fernandez.

IDC 08 14:01:25.4.1.4.34:25.0:4.109:30W.0:4, h10km, n14, o113/6, mb3.6/3, MS3.7/5, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBS Kurchatov Arra, PYUN Piuthan, and DANN Dangsing.

IDC 08 14:53:37.8:2.2.19:53N.0.10:65:41W.0:08, h16km, n49, o056/53, 14C, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUPR Culebra, Puerto, CUPR Culebra, Puerto, and CUPR Culebra, Puerto.

Table with columns: ANVS, MDOK, PKDG, PDGK, Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

IDC 08 15:13:33.7z.6.1.3, 23:27N:90:38W, h0km, mb3.5/2, mb1.4/2.3, mb1mx3.6/34, mbtmp3.8/3, ML4.2/1, Error ellipse: s-maj=59.8km s-min=19.6km az=94.0

UCR 08 15:13:41.6z.1.2.13:54N:90:61W, h5km, 13km, ML4.4, MW3.3

NEIC 08 15:13:42.8z.1.3, 33:67N:0:06:90:73W, 0:06, h31km, 9km, mb4.0/7, Mc4.5(SN2T), Error ellipse: s-maj=11.8km s-min=1.0km az=222.0

GCG 08 15:13:42.7z.0.4, 13:50N:90:81W, h27km, 2km, MD3.9

ISC 08 15:13:41.8z.1.4, 13:48N:0:08:90:78W, 0:05, h38km, 2km, n53, c1529/65, mb4.1/6, Near coast of Guatemala

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

IDC 08 15:26:46.5z.1.1, 8:55S:118:22E, h0km, mb4.0/5, mb1.4/2.1, mb1mx3.8/42, mbtmp4.1/10, ML4.4/4, MS3.1/2, Ms1.3/1.2, ms1mx2.6/35, Error ellipse: s-maj=35.1km s-min=16.9km az=62.0

DJA 08 15:26:52.0z.0.5, 8:53z:11:9E, h17km, 5km, M4.3/20, mb4.4/7, mb4.8/3, MLV4.3/20, Mw(mb)4.0/5

NEIC 08 15:26:53.7z.1.9, 8:32S:0:08:118:53E:0.05, h55km, 7km, mb4.0/9, Error ellipse: s-maj=11.4km s-min=6.8km az=125.0

ISC 08 15:26:52.9z.0.5, 8:41S:0:04:118:56E:0:04, h50km, n56, c1559/59, mb4.0/7, Sumbawa region

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

Main station list table for 2015 DEC with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

NEIC 08 15:36:18.5z.1.5, 81:0N:0:2:12W, 0:5, h10km, 2km, mb4.3/5, Error ellipse: s-maj=36.4km s-min=5.2km az=19.0

IDC 08 15:36:20.6z.1.9, 80:55N:2:31W, h0km, mb3.7/4, mb1.4/0.6, mb1mx3.5/48, mbtmp3.9/6, ML4.6/2, MS3.4/1, Ms1.3/4.1, ms1mx2.6/45, Error ellipse: s-maj=71.9km s-min=21.0km az=32.0

BER 08 15:36:21.2z.2.9, 80:59N:1:78W, h10km, ML2.8, ML2.6(DNK), Confirmed Earthquake

IEPN 08 15:36:23.0z.80:42N:1:47W, h10km

ISC 08 15:36:18.8z.0.7, 80:50N:0:06:2:08W, 0:05, h12km, n55, c244/74, mb3.9/3, 3C, North of Svalbard

Main station list table for 2015 DEC with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main station list table for 2015 DEC with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

SOME 08 15:36:13.1, 38:88N:72:85E, h0km

NNC 08 15:36:19.9z.3.2, 39:05N:73:03E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=24.4km s-min=14.0km az=176.0

KRNET 08 15:36:21.7z.0.1, 39:16N:73:16E, h19km, mb3.2

ISC 08 15:36:23.1z.1, 6:39Z:4N:0:08:72:95E:0:04, h10km, n32, c194/48, 12C-9D, Kyrgyzstan

Main station list table for 2015 DEC with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOTS, Karatobe, SATY, PDGK, AB31.

SOME 08 15:50:53.4, 38.88N, 72.85E, h0km
NWC 08 15:50:54.8, 2.5, 38.99N, 72.72E, h0km, mb4.1, mpv3.7,
Error ellipse: s-maj=18.1km s-min=10.4km az=171.0

Main table for 2015 DEC section 1, listing stations like IUG, MRKS, AAK, KK02, TKM2, SGDS, KST, DGS, ARXS, MTBS, TNS5, TNS3, KRBS, MDOK, WRA, etc.

SOME 08 15:57:30.0, 39.55N, 74.18E, h0km
NWC 08 15:57:32.2, 0.9, 39.58N, 74.12E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=14.1km s-min=9.2km az=162.0

Main table for 2015 DEC section 2, listing stations like SFK, SALK, OHH, DRK, AML, UCH, TRKS, AAK, GAR, MNAS, etc.

Main table for 2015 DEC section 3, listing stations like MNAS, MRKS, TKM2, KST, DGS, ARXS, YKA, WRA, etc.

INET 08 15:58:16.8, 11.26N, 86.23W, h14km, MW3.7
UCR 08 15:58:20.2, 1.5, 11.16N, 86.91W, h19km, MW4.0
ISC 08 15:58:18.7, 1.1, 11.33N, 0.2, 87.1W, 0.2, h49km, n13,
az=63.0

Main table for 2015 DEC section 4, listing stations like HZTE, SAJU, CUI, JTS, ARE1, LCR2, RIMA, CMIG, TXAR, YKA, WRA, etc.

SNET 08 16:19:37.9, 0.6, 13.55N, 90.62W, h20km, 3km, ML3.5
GCG 08 16:19:38.9, 0.5, 13.66N, 90.87W, h10km, 35km, MD3.4
ISC 08 16:19:36.7, 2.7, 13.55N, 0.1, 90.75W, 0.08, h10km, n16km,
n14, 0.955/22, 1D, Near coast of Guatemala

Main table for 2015 DEC section 5, listing stations like TACO, STG3, LFRS, ESQI, COEG, etc.

Main table for 2015 DEC section 6, listing stations like RPN, H03S2, H03S1, H03S3, H03N2, H03N3, H03N1, PLCA, LPAZ, CPUP, RAR, ROSC, QSPA, NVAR, PDAR, AKASG, BRTR, SONM, CMAR, ASF, etc.

SNET 08 16:31:42.5, 0.9, 14.10N, 91.16W, h5km, 10km, ML3.5
GCG 08 16:31:44.6, 0.4, 14.25N, 91.34W, h44km, 17km, MD3.4
ISC 08 16:31:40.1, 2.4, 13.9N, 0.1, 91.3W, 0.1, h2km, 14km, n8,
0.066/16, Near coast of Guatemala

Main table for 2015 DEC section 7, listing stations like FUG, PCG, STG3, NBG, CEVE, SBLS, JAYA, TACO, etc.

SOME 08 16:32:32.4, 38.32N, 72.98E, h0km
BUJ 08 16:32:33.9, 0.0, 38.33N, 72.70E, h5km, mb4.7/8,
ML4.2/14, ML4.0/3, Ms3.8/5, Ms7.3/6/4
IDC 08 16:32:34.4, 0.8, 38.25N, 72.84E, h0km, mb3.7/16,
mb1.9/23, mb1mx3.7/64, mbtmp3.7/23, ML3.4/7, MS3.3/3,
Ms1.3/3/3, ms1mx2.8/55, Error ellipse: s-maj=15.1km
s-min=13.9km az=29.0
NWC 08 16:32:35.4, 1.4, 38.30N, 73.20E, h4km, 6km, mb4.5,
mpv4.2, Error ellipse: s-maj=9.9km s-min=7.5km az=5.0
MOS 08 16:32:36.9, 1.0, 38.30N, 73.60E, h22km, mb4.2/6, Error
ellipse: s-maj=10.2km s-min=5.6km az=79.8
NEIC 08 16:32:38.1, 1.5, 38.36N, 0.05, 72.42E, 0.07, h10km, 1km,
mb4.4/4, Error ellipse: s-maj=10.8km s-min=6.3km
az=31.0

Main table for 2015 DEC section 8, listing stations like DAK, GAR, KSH, IUG, MRKS, MRKS, MRKS, AAK, AAK, AAK, CHM, DZA, DZA, DZA, DZA, CHL, NLR, KBL, BOOM, BOOM, KK02, KKAR, KKAR, TKM2, TKM2, BRLS, etc.

IDC 08 17:06:02.6.2.0, 20N, 125.90E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/39, mbtmp3.4/3, Error ellipse: s-maj=186.4km s-min=25.8km az=65.0, Northern Molucca Sea
 Code Station Name Δ° AZ' Phase ID Time Res h m s ISC
WRA Warramunga Arr 21.66 15Z Op P 17 10 53.5 -1.5
 0.5nm, 0.4s, baz=336, slow=11, SNR=13
ASAR Alice Springs 24.97 16Z P P 17 11 29.1 +1.0
 0.5nm, 0.6s, baz=343, slow=11, SNR=12
MKAR Makanchi Array 60.00 32Z P P 17 16 11.0 -0.1
 0.3nm, 0.5s, baz=115, slow=7.5, SNR=5.6

SOME 08 17:07:18.5, 39.47N, 73.05E, h0km
ISU 08 17:07:19.39, 40N, 73.50E, h5km
KRNET 08 17:07:22.8.0.1, 39.39N, 73.30E, h13km, mb3.5
NINC 08 17:07:26.2.1.8, 39.59N, 73.43E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=14.0km s-min=8.3km az=174.0
ISC 08 17:07:25.5.1.0, 39.51N, 0.05, 73.29E, 0.03, h10km, n57, c=21/91, 26C-17D, Tajikistan-Xinjiang border region

Code	Station Name	Δ° AZ'	Phase	ID	Time	Res	h m s	ISC
SFK	Sufi-Kurgan	0.53 18U	eP	Pg	17 07 35.0	-0.9		
SFK	baz=14							
OHF	Osh	1.09 339	eP	Pb	17 07 45.0	-1.5		
OHH	Osh	1.09 339f	eS	Sn	17 08 03.0	+0.9		
OHH	baz=41							
DRK	Karamyk	1.16 269	fP	Pb	17 07 45.1	-2.6		
DRK	baz=75							
SALK	Salom-Alik	1.43 16U	eP	Sg	17 07 51.5	-0.8		
SALK	baz=15							
FRG	Fergana	1.45 307	eP	Pb	17 07 52.0	-0.6		
FRG	baz=41							
BTK	Batken	1.99 287	eS	Pb	17 08 02.0	+0.2		
BTK	baz=90							
BTk	Batken	1.99 287	fP	Pn	17 07 59.8	+0.6		
BTk	baz=90							
GAR	Garm	2.37 259	fP	Pn	17 08 04.3	-0.2		
GAR	baz=61							
TRKS	Terek-Say	2.60 322	fP	Pn	17 08 08.1	+0.3		
TRKS	baz=23							
AML	Almayashu	2.64 6	P	Pb	17 08 10.9	-2.2		
AML	SNR=9.3							
AML	Almayashu	2.64 6	fP	Pn	17 08 09.8	+1.3		
AML	baz=6.0							
UCH	Uchter	2.87 18	P	Pb	17 08 14.5	-2.6		
UCH	SNR=8.5							
UCH	Uchter	2.87 18f	eP	Pb	17 08 13.2	+1.5		
UCH	baz=18							
MNAS	Manas	3.04 349f	eP	Pn	17 08 15.4	+1.7		
MNAS	baz=49							
EKS2	Erkin-Say	3.17 6	fP	Pn	17 08 17.2	+1.6		
EKS2	baz=6.0							
MRKS	Merke	3.24 359	eP	Pb	17 08 20.3	-2.7		
MRKS	8.5nm, 0.2s							
MRKS	56nm, 0.2s							
MRKS	5.6nm, 0.2s							
AAK	Ala-Archa	3.26 16	P	Pb	17 08 19.6	-3.9		
AAK	SNR=11							
AAK	Ala-Archa	3.26 16	Pn	Pn	17 08 18.5	+1.7		
AAK	14nm, 0.5s							
AAK	baz=15							
AAK	50nm, 0.6s							
AAK	Uchter	3.26 16f	fP	Pn	17 08 18.3	+1.5		
AAK	baz=15							
CHGR	Chuyangaron	3.33 257	fP	Pn	17 08 17.6	-0.1		
CHGR	baz=59							
ULHL	Ulahoi	3.53 38	P	Pb	17 08 27.3	-0.9		
ULHL	SNR=7.9							
BOOM	Boomskeye usch	3.59 33f	fP	Pn	17 08 22.8	+1.4		
BOOM	baz=32							
IUG	Iuzhnyy	3.62 318	eP	Pn	17 08 24.2	+2.6		
IUG	362nm, 0.2s							
IUG	67nm, 0.5s							
IUG	362nm, 0.2s							
IUG	67nm, 0.5s							
CHMS	Chumysh	3.66 17	P	Pn	17 08 24.9	+2.7		
CHMS	SNR=9.2							
TKM2	Tokmak 2	3.83 26	fP	Pn	17 08 26.5	+1.9		
TKM2	3.3nm, 0.8s							
TKM2	5.6nm, 0.5s							
KDJ	Kajisay	3.94 47	fP	Pn	17 08 27.5	+1.3		
KDJ	baz=46							
KDJ	baz=46							
KST	Kastek	4.07 29	eP	Pb	17 08 36.8	-0.5		
KST	14nm, 0.5s							
KST	26nm, 0.5s							
KST	14nm, 0.5s							
SGDS	Sogindiy	4.07 14	Pg	Pb	17 08 36.3	-1.0		
SGDS	4.9nm, 0.5s							
SGDS	19nm, 0.6s							
KK02	Karatay Array	4.16 331	Pn	Pg	17 08 31.7	+2.7		
KK02	baz=166, slow=16							
KK02	3.0nm, 0.5s, baz=143, slow=16							
KK02	7.2nm, 0.7s, baz=142, slow=23							
KK02	18nm, 0.8s							
DGS	Degeres	4.17 26	eP	Pb	17 08 37.7	-1.3		
DGS	12nm, 0.3s							
DGS	32nm, 0.6s							
DGS	12nm, 0.3s							
DGS	32nm, 0.6s							
MTBS	Maitube	4.32 32	eP	Pb	17 08 41.3	-0.3		
MTBS	9.9nm, 0.3s							
MTBS	13nm, 0.2s							
MTBS	9.9nm, 0.3s							
MTBS	13nm, 0.2s							
TNSS	Tian-Shan	4.47 37	eP	Pb	17 08 44.2	-0.1		
TNSS	10nm, 0.3s							

Code	Station Name	Δ° AZ'	Phase	ID	Time	Res	h m s	ISC
TNSS	Tian-Shan	4.47 37	Pg	Pb	17 08 44.2	-0.1		
TNSS	10nm, 0.3s							
KRBS	Karabastau	4.55 22	eP	Lg	17 09 46.4			
KRBS	5.2nm, 0.3s							
KRBS	22nm, 0.8s							
KRBS	5.2nm, 0.3s							
MDOk	Medeo	4.62 37	eP	Pb	17 08 46.8	+0.1		
MDOk	7.7nm, 0.6s							
MDOk	28nm, 0.5s							
MDOk	7.7nm, 0.7s							
MDOk	33nm, 0.7s							
MDOk	Medeo	4.62 37	fP	Pb	17 08 47.4	+0.7		
MDOk	7.7nm, 0.6s							
MDOk	28nm, 0.5s							
MDOk	Almaty	4.62 36	fP	Pb	17 08 48.7	+2.0		
MDOk	17nm, 0.5s							
KNDc	Kurdyk	4.70 36	eP	Pb	17 08 48.7	+0.6		
KNDc	9.5nm, 0.3s							
KNDc	56nm, 0.6s							
KNDc	Kurdyk	4.70 36	eP	Pb	17 08 48.7	+0.6		
KNDc	9.5nm, 0.3s							
KNDc	56nm, 0.6s							
KNDc	Karabote	4.91 30	eP	Pb	17 08 53.2	+1.6		
KNDc	4.7nm, 0.5s							
KNDc	31nm, 0.3s							
KNDc	Karabote	4.91 30	Pg	Pb	17 08 01.7	-1.4		
KNDc	4.7nm, 0.5s							
KNDc	31nm, 0.3s							
KNDc	Kury	4.94 26	eP	Pb	17 08 52.9	+0.8		
KNDc	3.1nm, 0.6s							
KNDc	18nm, 0.4s							
KNDc	3.1nm, 0.6s							
KNDc	18nm, 0.4s							
KNDc	Saty	5.24 46	eP	Pb	17 08 59.0	+1.8		
KNDc	6.3nm, 0.5s							
KNDc	14nm, 0.5s							
KNDc	Saty	5.24 46	Pg	Pb	17 08 59.0	+1.8		
KNDc	6.3nm, 0.5s							
KNDc	14nm, 0.5s							
KNDc	Shalko	5.90 50	eP	Pg	17 09 16.3	-2.2		
KNDc	8.3nm, 0.4s							
KNDc	9.4nm, 0.9s							
KNDc	Shalko	5.90 50	Pg	Pg	17 09 16.3	-2.2		
KNDc	8.3nm, 0.4s							
KNDc	9.4nm, 0.9s							
KNDc	Blb	6.00 38	Pg	Pb	17 09 12.6	+2.4		
KNDc	9.4nm, 0.9s							
KNDc	12nm, 0.5s							
KNDc	11nm, 0.5s							
KNDc	Podgornoye	6.02 49	fP	Pb	17 09 12.2	+1.6		
KNDc	4.8nm, 0.9s							
KNDc	7.9nm, 0.7s							

MOS 08 17:35:31.1±1.1, 44.30N, 147.85E, h101km, mb4.4/2, Error ellipse: s-maj=17.4km s-min=12.9km az=160.1
JMA 08 17:35:32.6.0.3, 43.93N, 147.91E, h81km, M3.7
SKHL 08 17:35:32.5.0.2, 44.20N, 147.80E, h104km, 7km, mb4.6/5, msh5.6/4
IDC 08 17:35:33.0.4.2, 44.83N, 147.84E, h80km, 4.7km, mb3.6/8, mb1 3.9/9, mb1mx3.3/61, mbtmp3.9/9, ML3.2/1, Error ellipse: s-maj=76.7km s-min=27.2km az=178.0
NEIC 08 17:35:34.0.1.1, 44.29N, 0.07, 147.75E, 0.2, h106km, 9km, mb4.2/7, Error ellipse: s-maj=16.1km s-min=9.7km az=94.0

Code	Station Name	Δ° AZ'	Phase	ID	Time	Res	h m s	ISC
SHO	Shikotan	0.86 257	fP	Pn	17 35 49.7	+0.9		
SHO	1.3nm, 0.5s							
SHO	comp=Z, 395nm, 0.5s							
SHO	comp=N, 183nm, 0.2s							
SHO	comp=E, 160nm, 0.2s							
SHO	comp=N, 370nm, 0.2s							
SHO	comp=E, 666nm, 0.4s							
SHO	Shikotan	0.86 257	iP	Pn	17 35 49.8	+0.9		
SHO	1.3nm, 0.5s							
SHO	comp=E, 320nm, 0.4s							
SHO	1.3nm, 0.5s							
SHO	comp=E, 620nm, 0.6s							
SHO	1.3nm, 0.5s							
KUR	Kuril'sk	1.17 356	d/PN	Pn	17 35 52.4	+0.1		
KUR	1.3nm, 0.5s							
KUR	comp=Z, 166nm, 0.2s							
KUR	comp=E, 2um, 0.5s							
KUR	comp=N, 1um, 0.3s							
KUR	Kuril'sk	1.17 356	iP	Pn	17 35 52.5	+0.1		
KUR	1.3nm, 0.5s							
KUR	comp=N, 170nm, 0.3s							
KUR	comp=N, 1um, 0.3s							
KUR	comp=N, 960nm, 0.3s							
YUK	Yuzh-Kuril'sk	1.54 270	ePN	Pn	17 35 57.4	+0.6		
YUK	1.3nm, 0.5s							
YUK	comp=N, 48nm, 0.2s							
YUK	comp=E, 102nm, 0.2s							
YUK	comp=Z, 351nm, 0.2s							
YUK	comp=E, 1um, 0.3s							
YUK	comp=N, 302nm, 0.2s							
YUK	Yuzh-Kuril'sk	1.54 270	eP	Pn	17 35 57.4	+0.6		
YUK	1.3nm, 0.5s							
YUK	comp=N, 330nm, 0.2s							
YUK	1.3nm, 0.5s							
YUK	comp=N, 300nm, 0.3s							
YUK	comp=N, 1um, 0.3s							
NEM2	Nemuro 2	1.78 247	eP	Pn	17 36 00.5	+0.6		
NEM2	1.3nm, 0.5s							

Table with columns: YHL, comp=N,46nm,1.0s, IAML, 19 13 34.6, etc. Lists various station identifiers and their associated data.

IDC 08 19:24:21.8z.2.6, 3.66S:130.63E, h0km, mb3.4/2, mb1 3.5/3, mb1mx3.3/22, mbtmp3.3/3, Error ellipse: s-maj=22.8km s-min=28.0km az=71.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station codes and names with associated data.

IDC 08 19:42:13.3z.0.8, 18.83N:145.55E, h198km, 7km, mb4.0/27, mb1 4.2/29, mb1mx4.0/42, mbtmp4.5/29, Error ellipse: s-maj=12.8km s-min=13.9km az=104.0

NEIC 08 19:42:14.3z.1.4, 18.83N:106.145z.6E:0.1, h199km, 5km, mb4.7/187, Error ellipse: s-maj=15.3km s-min=8.8km az=82.0

IDC 08 19:42:13.7z.0.5, 18.86N:104.145z.55E:0.7, h201km, 4km, h201km, pP-P, n259, r1902/279, mb4.7/112, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station codes and names with associated data.

Main table with columns: MANU, JTM, YULB, etc. Lists station identifiers and their associated data.

Table with columns: SHLS, J20K, J20K, etc. Lists station identifiers and their associated data.

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

JMA 08 21:36:33.1±0.4, 43.32N:147.08E, h30km, MW3.6, Moment Tensor Solution... s3 Moment tensor: Scale 10^14Nm...

SKHL 08 21:36:33.8±0.3, 43.40N:147.20E, h51km, mb4.9/4, MOS 08 21:36:35.2±1.2, 43.54N:146.95E, h51km, mb4.1/5, Error ellipse: s-maj=12.8km s-min=10.4km az=129.7...

NEIC 08 21:36:36.0±1.4, 43.2N:0.17, 147.02E:0.05, h52km, 11km, mb4.2/7, Error ellipse: s-maj=16.0km s-min=3.3km az=194.0...

ISC 08 21:36:44.7±3.2, 44.45N:146.61E, h69km, 29km, mb3.5/12, mb1.3/713, mb1mx3.4/52, mbtmp3.8/13, ML3.4/1, MS3.4/2, Ms1.3/42, ms1mx2.7/47, Error ellipse: s-maj=29.9km s-min=21.0km az=164.0...

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

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

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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, Azimuth, Phase ID, Time, Res. Includes entries for SIV, SNA, QSPA, AMTX, TOR, etc.

JMA 09 01:41:08.9-0.2, 31.41N; 128.70E, h7km, 2km, M3.8
IDC 09 01:41:08.9-0.7, 31.46N; 128.75E, h0km, mb3.4/2,
mb1 3.7/3, mb1mx3.3/47, mbtmp3.4/3, ML3.3/1, MS3.0/2,
Ms1 3.1/2, ms1mx2.8/22, Error ellipse: s-maj=90.5km
s-min=5.4km az=84.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for JSJ, JFU, JSU, etc.

IDC 09 01:41:18.5-2.4, 38.71N; 73.34E, h0km, mb3.8/2,
mb1 3.7/4, mb1mx3.4/39, mbtmp3.7/4, ML2.7/2, MS3.2/1,
Ms1 3.2/1, ms1mx2.5/45, Error ellipse: s-maj=37.2km
s-min=22.9km az=178.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MRKS, AAK, TKM2, etc.

IDC 09 01:45:11.3-2.9, 9.45N; 127.79E, h0km, mb3.4/3,
mb1 3.6/3, mb1mx3.3/39, mbtmp3.4/3, Error ellipse:
s-maj=243.6km s-min=18.8km az=67.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for AMTX, ZALV, SONMI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for AB31, AKTO, etc.

TUL 09 02:14:05.6-1.1, 36.76N; 01:01:97:61W; 0.02, h6km, 5km,
ML3.0, mb, Lg2.8/41 (NEIC), Error ellipse: s-maj=1.9km
s-min=1.6km az=62.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for GC02, KAN13, BLOK, etc.

OCKFA Oklahoma City
baz=355, SNR=8.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for OKCWA, OKCFA, etc.

IDC 09 03:05:11.1-0.7, 38.68N; 01:04:12:19E; 0.06, h43km, 6km,
n61, c1916/71, mb4.1/17, 8D, Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for OFUJ, JKMT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SFK, DRK, DRK, etc.

JMA 09 03:05:10.1-0.1, 38.70N; 142:27E, h38km, 1km, M4.0
JMA Felt J1.
NIED 09 03:05:10.2, 38.70N; 142:27E, h38km, MW4.0, Moment
Tensor Solution. s3 Moment tensor: Scale 10^19Nm;

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for EKS2, AAK, AAK, etc.

IDC 09 03:05:11.1-0.7, 38.68N; 01:04:12:19E; 0.06, h43km, 6km,
n61, c1916/71, mb4.1/17, 8D, Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for AMTX, ZALV, SONMI, etc.

2015 DEC

Table with columns: Jhd, 5h, Station Name, Az, Alt, Phase, ID, Time, Res. Includes stations like Hachijo jima 2, Wachi, Ussuriysk Arra, etc.

Table with columns: Station Name, Az, Alt, Phase, ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy 28.52 125, H11N1 WAKE ISLAND Hy 28.53 125, etc.

Table with columns: Station Name, Az, Alt, Phase, ID, Time, Res. Includes stations like KTK1 comp=Z,1.9nm,0.6s, PAJU comp=Z,1.9nm,0.6s, etc.

JMA 09 03:26:29.6:0.1, 38.70N:142.26E, h38km, 1km, M4.1 JMA Feit 1 J1.

NIED 09 03:26:29.7, 38.70N:142.26E, h38km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mn:0.10; Mpp:0.02; Mbb:-0.13; Mrr:0.86; Mbb-0.05; Mrr:1.15; Fault plane solution: Ms1.45000x10^15 NPT1.37.000000; s88.000000; s92.000000; NP2.3.170.000000; s3.000000; 7.44.000000.

ISC 09 03:26:30.7:0.7, 38.63N:142.28E, h48km, 7km, mb3.6/12, mb1 3.8/17, mb1mx3.5/62, mb1tmp3.8/17, MS3.8, Ms1.3.9/8, ms1mx3.0/49, Error ellipse: s-maj=16.5km s-min=14.4km az=103.0.

NEIC 09 03:26:31.6:1.6, 38.73N:142.15E:0.18, h48km, gkm, mb4.4/10, Error ellipse: s-maj=13.0km s-min=2.6km az=134.0.

ISC 09 03:26:30.8:0.7, 38.71N:142.22E:0.07, h44km, 6km, n69, o97771, mb4.1/18, MS3.3/3, 1C-8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res. Includes stations like OFUJ Ofunato, KJMT Kesennumamotoy, etc.

HEL 09 03:29:10.3:0.2, 67.67N:34.00E, h0km, ML2.0, Suspected explosion

KOLA 09 03:29:12.6, 67.67N:33.65E, h0km, ML2.4, Error ellipse: s-maj=6.0km s-min=2.2km az=120.0, Khibiny Mines

NAO 09 03:29:13.4:1.5, 67.67N:33.54E, ML2.8, IDC 09 03:29:14.7:2.0, 67.69N:33.35E, h0km, mb1 3.6/4, mb1mx3.0/51, mb1tmp3.6/4, ML2.3/3, Error ellipse: s-maj=21.9km s-min=9.6km az=80.0

ISC 09 03:29:11.2:1.0, 67.68N:03.33:68E:0.05, h0km, n40, o1946/73, 3D, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res. Includes stations like APA Apatity, AP29 Apatity, etc.

INET 09 04:06:13.3, 11.06N:86.97W, h15km, MW3.7 UCR 09 04:06:15.9:1.9, 10.88N:86.81W, h23km, 8km, MW4.0, Off coast of Costa Rica

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

SKHL 09 05:06:47.6:0.3, 46.10N:152.80E, h57km, 2km, mb5.4/7 MOS 09 05:06:47.9:1.2, 46.31N:152.58E, h53km, mb4.8/20, Error ellipse: s-maj=7.1km s-min=5.5km az=75.9

JMA 09 05:06:47.2:0.7, 46.30N:152.64E, h30km, M5.0 NEIC 09 05:06:50.2:1.7, 46.44N:152.08E:1.52E:0.1, h51km, 6km, mb4.7/52, Error ellipse: s-maj=12.8km s-min=9.5km az=140.0

IDC 09 05:06:50.4:0.5, 46.40N:152.41E, h56km, 4km, mb3.9/24, mb1 4.1/30, mb1mx4.1/46, mb1tmp4.2/30, MS3.6/7, Ms1.3.6/7, ms1mx3.2/32, Error ellipse: s-maj=13.9km s-min=10.4km az=144.0

ISC 09 05:06:49.5:0.4, 46.22N:152.64E:0.05, h54km, 3km, h54km, pp-P, n277, o1943/285, mb4.6/78, MS3.8/7, 13C-25D, Kuril Islands

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res. Includes stations like KUR Kuril'sk, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SKR, YUK, and GLVR.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like USRK, SEY, and ZALV.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZALV, A36M, and MK31.

9d 6h

Table with columns: TXAR, Lajitas Array, 78.03 60 P, P, 05 18 44.1 +1.7, etc. Includes various station names and coordinates.

ICD 09 05:45:20.0 1.3, 0.68N, 126.91E, h0km, mb3.6/5, mb1 4.1/5, mb1mx3.8/28, mbtmp3.9/5, Error ellipse: s-maj=133.7km s-min=19.7km az=68.0

DJA 09 05:45:21.5 0.5, 1.1N, 4.12E, h10km, M3.5/6, MLv3.5/6, n10, c128/10, mb4.1/5, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Lists various stations and their parameters.

2015 DEC

Table with columns: KST, Kasek, 4.25 31 Pg, Pb, 05 53 03.8 -0.2, etc. Lists stations and their parameters.

ICD 09 05:52:48.5 2.7, 3.133S, 68.63W, h68km, 24km, mb3.4/5, mb1 3.8/10, mb1mx3.7/22, mbtmp3.8/10, Error ellipse: s-maj=31.4km s-min=20.0km az=76.0

NEIC 09 05:52:54.2 3.2, 3.21N, 93.06E, 66.90W, 0.07, h121km, 7km, mb4.4/12, Error ellipse: s-maj=9.5km s-min=7.8km

ISC 09 05:52:53.1 0.8, 31.165S, 0.04, 68.65W, 0.06, h109km, 8km, n75, c137/93, mb4.2/9, 12C, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Lists various stations and their parameters.

452

Table with columns: TBGT, Tabatinga, AM, 26.86 357 P, P, 05 58 24.6 +0.9, etc. Lists stations and their parameters.

TUL 09 06:03:27.0 7.3, 36.59N, 0.01, 98.28W, 0.02, h6km, 7km, ML2.6, mb, Lg2.4/13(NEIC), Error ellipse: s-maj=2.0km s-min=1.6km az=122.0

NEIC 09 06:03:27.1 1.0, 3.6576N, 0.003, 98.26W, 0.02, h5km, 2km, Error ellipse: s-maj=3.0km s-min=2.3km az=297.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Lists various stations and their parameters.

NOU 09 06:03:33.3, 42.195S, 173.28E, h65km, MLv4.1/8, South Island, New Zealand

WEL 09 06:03:34.4, 0.3, 42.3S, 173.3E, h31km, 5km, M3.5/13, m13n=0.0km az=122.9, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Lists various stations and their parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like NMEZ, NMEZ, NMEZ, etc.

NNC 09 06:14:49.8:5.0,38.84N:73.11E, h0km, mb3.8, mpv3.4, 4C-2D, Error ellipse: s-maj=37.1km s-min=24.7km az=163.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like MRKS, MRKS, MRKS, etc.

EAF 09 07:12:24.7:1.1, 21.02S:33.01E, h5km, mb3.6, MD4.1 BUL 09 06:32:23.4:1.5, 21.18S:33.11E, h8km, mb15km, MD4.4, Mozambique

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like MOPA, MOPA, MOPA, etc.

IDC 09 07:12:24.2:4.8:3.7S:114.83E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.3/4.0, mbtmp3.6/4, MS3.2/1, Ms1 3.2/1, ms1mx2.5/2.7, Error ellipse: s-maj=159.9km s-min=25.4km az=50.0

DJA 09 07:12:15.8:0.3, 8.2S:2:11.5E, h10km, M3.6/10, mb4.1/1, MLV3.3/10

ISC 09 07:12:15.5:0.9, 8.21S:0.06:115.14E:0.04, h16km, 7km, n16, 0.972/17, mb3.6/4, Balle Region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like SRBI, SRBI, SRBI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like ASAR, ASAR, ASAR, etc.

DJA 09 07:19:02.3:0.3, 8.3S:2:11.5E, h10km, M3.4/9, MLV3.4/9

IDC 09 07:19:22.5:17.0, 11.27S:115.65E, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.3/4.0, mbtmp3.7/3, ML3.5/1, Error ellipse: s-maj=263.0km s-min=133.3km az=142.0

ISC 09 07:19:02.3:0.9, 8.22S:0.04:115.19E:0.05, h10km, n12, 0.574/14, mb3.6/3, Ball Region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like SRBI, SRBI, SRBI, etc.

ASAR Alice Springs 23.66 133 P P 07 17 26.0 -0.5

STKA Stephens Creek 34.05 137 P P 07 19 00.3 +1.1

MKAR Makanchi Array 62.07 335 P P 07 22 34.7 -0.7

IDC 09 07:31:34.9:1.3, 40.13S:77.99E, h0km, mb4.2/7, mb1 4.3/7, mb1mx4.0/3.4, mbtmp4.2/7, MS4/13, Ms1 4.0/13, ms1mx3.8/2.4, Error ellipse: s-maj=48.6km s-min=26.3km az=136.0

NEIC 09 07:31:38.5:2.3, 39.56S:0.05:78.1E:0.2, h10km, mb4.7/10, Error ellipse: s-maj=22.9km s-min=8.9km az=273.0

ISC 09 07:31:37.8:0.7, 39.7S:0.2:78.1E:0.1, h10km, n34, 0.194/16, mb4.5/11, MS4.0/13, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like AIS, AIS, AIS, etc.

MAW Mawson 29.18 192 LR LR 07 47 21.7

H0S2 Diego Garcia H 32.32 350 T T 08 11 38.5

H0S1 Diego Garcia H 32.32 350 T T 08 11 37.3

H0S3 Diego Garcia H 32.34 350 T T 08 11 40.0

LEM Lembang 42.15 47 LR LR 07 54 06.5

BOSA Boshof 44.50 258 LR LR 07 54 33.7

LBTB Lobatse 46.05 272 P P 07 40 00.5 -1.5

LBTB Lobatse 46.05 272 Iamb Iamb 07 40 11.2

FITZ Fitzroy Crossi 46.26 76 LR LR 07 56 03.2

ASAR Alice Springs 49.38 89 P P 07 40 24.8 -3.0

ASAR Alice Springs 49.38 89 LR LR 07 59 11.8

LSZ Lusaka 49.72 285 P P 07 40 31.5 +1.0

BATI Baotou 49.97 67 LR LR 07 57 26.6

KNRA Kunurra 50.10 76 P P 07 40 33.5 +0.2

QSPA South Pole Qui 50.45 180 P Iamb Iamb 07 40 45.2

KAPI Kappan 51.02 58 LR LR 07 57 45.0

STKA Stephens Creek 51.18 102 P P 07 40 40.4 -0.9

STKA Stephens Creek 51.18 102 P P 07 40 40.4 -0.9

WRA Warramunga Arr 51.79 85 P P 07 40 46.2 +0.2

WRA Warramunga Arr 51.79 85 LR LR 07 59 57.6

WRA Warramunga Arr 51.79 85 Iamb Iamb 07 40 52.8

WB2 Warramunga Arr 51.80 85 P P 07 40 46.5 +0.5

WB2 Warramunga Arr 51.80 85 Iamb Iamb 07 40 46.7

WB0 Warramunga Arr 51.93 85 P P 07 40 47.1 +0.1

WB0 Warramunga Arr 51.93 85 Iamb Iamb 07 40 52.7

CMAR Chiang Mai Arr 61.07 23 P P 07 41 54.0 +2.1

CMAR Chiang Mai Arr 61.07 23 LR LR 08 04 07.5

BTK Batken 79.67 354 P P 07 43 45.4 +0.1

BTK Batken 79.67 354 Iamb Iamb 07 43 57.7

MKAR Makanchi Array 82.72 354 P P 07 44 00.2 -1.2

MKAR Makanchi Array 82.72 354 P P 07 44 18.5 -0.5

TORD Torodi Ar. Bea 88.09 289 LR LR 08 21 36.4

DBIC Dimb 88.73 289 LR LR 08 21 27.9

SOMN Songo Arr 90.74 19 P P 07 44 41.1 +0.5

SOMN Songo Arr 90.74 19 Iamb Iamb 07 44 57.0

INK Inuvik 146.62 21 PKPbc PKPbc 07 51 17.9 -0.6

PDAR Pinedale Arr 173.50 60 PKP PKP 07 51 45.8 -1.7

KRSC 09 07:35:58.1:1.1, 49.90N:156.84E, h97km, 21km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like SKR, SKR, SKR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like ASAR, ASAR, ASAR, etc.

BUL 09 07:50:05.2:1.3, 26.92S:27.07E, h11km, 12km, MD4.8

PRE 09 07:50:06.9:1.2, 26.95S:26.58E, h2km, ML2.7

ISC 09 07:50:07.5:1.3, 26.90S:0.04:26.58E:0.04, h6km, 12km, n21, 0.294/13, South Africa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like PRYS, PRYS, PRYS, etc.

SLR Silverton 1.92 53 eP eS 07 50 41.6 +0.6

SLR Silverton 1.92 53 eS eS 07 51 07.2 -0.2

SLR Silverton 1.92 53 eS eS 07 51 11.0

BOSA Boshof 2.07 214 iP iS 07 50 43.2 +0.3

BOSA Boshof 2.07 214 iS iS 07 50 43.2 +0.3

LBTB Lobatse 2.08 335 iS iS 07 51 17.0 +2.8

LBTB Lobatse 2.08 335 iS iS 07 51 17.0 +2.8

NWCL Newcastle 3.06 107 eP eS 07 51 34.4 +0.7

NWCL Newcastle 3.06 107 eS eS 07 51 46.8

CNG Changaiane 5.06 84 iP iS 07 51 14.6 -9.4

CNG Changaiane 5.06 84 iS iS 07 51 24.6 -5.6

MSNA Messina 5.51 53 iP iS 07 51 24.6 -5.6

MOPA Mopani 5.51 53 iP iS 07 51 20.7 -1.0

MOPA Mopani 5.51 53 iS iS 07 51 20.7 -1.0

MATP Matopo 6.68 16 iS iS 07 51 42.1 -4.3

MATP Matopo 6.68 16 iS iS 07 51 42.1 -4.3

KRI Karoi 10.41 16 iS iS 07 50 47.2 -2.8

TETE Tete 12.52 33 iP iS 07 52 57.8 -8.5

TETE Tete 12.52 33 iP iS 07 52 57.8 -8.5

KMA 09 08:26:36.0:0.1, 36.25N:126.56E, h15km, Error ellipse: s-maj=1.9km s-min=1.1km az=282.0, South Korea

GUC 09 08:26:37.3:0.9, 39.89S:70.07W, h118km, 8km, ML3.9, 2C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like CO03, CO03, CO03, etc.

LCO Las Campanas 1.95 343 eP eS 08 27 10.3 0.0

LCO Las Campanas 1.95 343 eS eS 08 27 10.3 0.0

VA06 Catapilco 1.97 212 eP eS 08 27 09.7 -0.6

VA06 Catapilco 1.97 212 eS eS 08 27 35.0 -0.4

ROCH El Roble 2.23 201 eP eS 08 27 13.2

ROCH El Roble 2.23 201 eS eS 08 27 12.8 -0.9

ROCH El Roble 2.23 201 eS eS 08 27 40.7 -0.9

ROCH El Roble 2.23 201 eS eS 08 27 43.2

ROCH El Roble 2.23 201 eS eS 08 27 44.0

PEL Peldehue 2.31 193 eP eS 08 27 13.7 -0.9

PEL Peldehue 2.31 193 eS eS 08 27 42.2 -1.0

PEL Peldehue 2.31 193 eS eS 08 27 44.8

FCH Farellones 2.44 184 eP eS 08 27 16.5 -0.1

FCH Farellones 2.44 184 eS eS 08 27 50.0

MT02 Curacav 2.53 201 eP eS 08 27 16.4 -1.0

MT05 Renca 2.56 193 eP eS 08 27 17.0 -0.8

MT05 Renca 2.56 193 eS eS 08 27 48.5 -0.5

AC04 Llanos de Chal 2.82 342 eP eS 08 27 21.0 -0.1

AC04 Llanos de Chal 2.82 342 eS eS 08 28 05.8

LMEL Las Melosas 2.95 182 eP eS 08 27 22.5 -0.6

MT09 Talagante 2.98 195 iP iS 08 27 21.6 -1.8

MT09 Talagante 2.98 195 eP eS 08 27 59.1

VA05 Santo Domingo 3.06 205 eP eS 08 27 22.5 -1.7

VA05 Santo Domingo 3.06 205 eS eS 08 28 11.4

BO04 La Punta 3.12 188 eP eS 08 27 23.8 -1.4

BO04 La Punta 3.12 188 eS eS 08 28 07.1

MT01 Popeta 3.13 198 eP eS 08 27 23.6 -1.6

MT01 Popeta 3.13 198 eS eS 08 27 59.4 -2.8

MT01 Popeta 3.13 198 eS eS 08 28 01.4

GO03 Copiap 3.29 357 eP eS 08 27 26.9 -0.5

GO03 Copiap 3.29 357 eS eS 08 28 02.2 -3.8

GO03 Copiap 3.29 357 eS eS 08 28 07.2

BO01 Tunga 3.60 194 eP eS 08 27 29.1 -2.3

BO02 Sierra Bellavi 3.94 189 eP eS 08 27 34.2 -1.8

GO05 Huala 4.40 200 eP eS 08 27 38.8 -3.3

IDC 09 08:55:20.7:0.8, 4.12S:129.51E, h0km, mb4.3/9, mb1 4.3/13, mb1mx4.0/4.6, mbtmp4.2/13, ML3.7/4, MS3.3/7, ms1 3.3/7, ms1mx3.1/3.7, Error ellipse: s-maj=32.2km s-min=15.9km az=76.0

NEIC 09 08:55:24.6:2.1, 4.16S:0.08:129.43E:0.09, h22km, 7km, mb4.0/12, Error ellipse: s-maj=13.9km s-min=1.1km az=125.0

DJA 09 08:55:25.0:0.7, 4.4S:12.9E, h12km, 5km, M4.4/9, mb4.7/2, mb5.0/2, MLV4.2/9, Mw(MB)4.4/2

ISC 09 08:55:25.4:0.6, 4.17S:0.05:129.44E:0.06, h36km, n38, 0.1925/38, mb4.3/10, Banda Sea

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MNK, MORC, AKTO, GERES, ZOU, STAL, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FINES, BKV, WLF, KURK, etc.

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

IDC 09:13:59.0;0.8,30.78S;71.68W,h0km,mb4.2/6,mb1.4,3/10,mb1mx4.1/33,mbtmp4.1/10,ML3.9/4,MS3.7/8,Ms1.3,7/8,ms1mx3.5/20,Error ellipse: s-maj=29.4km s-min=21.6km az=0.0...

2015 DEC

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Date, Time, Residual, Station Name, Az, El, Phase ID, Time, Residual, Station Name, Az, El, Phase ID, Time, Residual. Includes stations like Maricunga, Punta de Los L, San Rafael, Choy, ILOC Station P, Juan Fernandez, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Date, Time, Residual, Station Name, Az, El, Phase ID, Time, Residual. Includes stations like WAKE ISLAND HY26.13 273, BVAR Borovoye Array, KURBB Kurchatov Arr, ZALV Zalesovo Beam, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Date, Time, Residual, Station Name, Az, El, Phase ID, Time, Residual. Includes stations like Alice Springs, Warramunga Arr, Alice Springs, Warramunga Arr, etc.

9d 10h

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SUCSA, GOCB, JWSG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KYT, KRSR, ULDB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ITAN, LZH, SHL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARCES, BLWY, KBS, HSPB, WTLY, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SCTR, VASR, HARR, NOR, SLCR, ICOR, WRLG, ALE, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KUBS, H04D, PRVS, KECS, BOVS, etc.

ESK	ESKdalemar	116.42 332	eP	PKIKP	10 40 31.3 +1.5
ESK	ESKdalemar	116.42 332	IAMS_20	IAMS_20	11 35 17.1
ESK	ESKdalemar	116.42 332	IAMS_20	IAMS_20	11 38 32.6
DGMT	Dagmar	116.54 37	PKPdf	PKPdf	10 40 30.1 -0.2
DGMT	Dagmar	116.54 37	IAMS_20	IAMS_20	11 26 56.2
DGMT	Dagmar	116.54 37	PKIKP	PKPdf	10 40 29.9 -0.4
KEST	Kesra	116.65 308	PKP	PKIKP	10 40 31.5 +0.5
KEST	Kesra	116.65 308	PKP	PKPbc	10 51 00.2 +1.2
KEST	Kesra	116.65 308	PKP	PKIKP	10 40 32.9 +1.9
KEST	Kesra	116.65 308	PKP	PKP	10 40 29.6 -1.4
LWBW	Ladybowser, Pea	116.77 330	eP	PKIKP	10 40 31.1 +0.5
LWBW	Ladybowser, Pea	116.77 330	IAMS_20	IAMS_20	11 36 48.5
LAWE	Loch Awe, Argy	116.86 334	eP	PKP	10 40 28.6 -2.0
SSB	Saint Sauveur	116.97 319	PKP	PKP	10 40 30.7 -0.6
SSB	Saint Sauveur	116.97 319	PKP	PKP	10 40 30.7 -0.6
NEWG	New Galloway	117.01 332	eP	PKP	10 40 30.6 -0.4
NEWG	New Galloway	117.01 332	IAMS_20	IAMS_20	11 32 60.0
O20A	White River Cl	117.04 47	PKP	PKP	10 40 30.7 -1.1
O20A	White River Cl	117.04 47	PKIKP	PKIKP	10 40 32.5 +0.7
STNC	Stoke	117.18 330	eP	PKIKP	10 40 33.4 +0.2
STNC	Stoke	117.18 330	IAMS_20	IAMS_20	11 36 27.0
TUC	Tucson	117.22 56	PKIKP	PKP	10 40 32.1 -0.1
TUC	Tucson	117.22 56	PKP	PKP	10 40 32.1 -0.1
TUC	Tucson	117.22 56	IAMS_20	IAMS_20	11 19 53.6
TUC	Tucson	117.22 56	PKIKP	PKIKP	10 40 32.7 +0.5
CLF	Chambon-Foret	117.23 323	PKP	PKIKP	10 40 31.9 +0.3
CLF	Chambon-Foret	117.23 323	IAMS_20	IAMS_20	11 39 49.1
SFJD	Kangerlussuaq	117.24 0	PKP	PKP	10 50 57.1 -2.1
SFJD	Kangerlussuaq	117.24 0	PKP	PKP	10 40 31.4 +0.3
SFJD	Kangerlussuaq	117.24 0	PKP	PKP	10 40 31.4 +0.3
SFJD	Kangerlussuaq	117.24 0	PKP	PKP	10 40 31.4 +0.3
RWWY	Rawlins	117.26 45	IAMS_20	IAMS_20	11 23 29.7
W18A	Petrified Forest	117.38 52	PKIKP	PKP	10 40 32.1 -0.5
GAL1	Galloway	117.38 332	eP	PKIKP	10 40 32.2 +0.5
GAL1	Galloway	117.38 332	IAMS_20	IAMS_20	11 32 55.6
K22A	Casper	117.39 44	PKIKP	PKP	10 40 31.6 -0.8
DYVZ	Dye2	117.69 358	eP	PKIKP	10 40 32.5 +0.2
DYVZ	Mesa Verde	117.75 50	PKIKP	PKIKP	10 40 33.5 +0.2
STRD	Stroud	117.87 328	eP	PKP	10 40 32.5 -0.2
CMAH	Djebel Manchow	117.90 309	P	PKIKP	10 40 33.6 +0.2
ABSA	Djebel Abiasan	117.96 309	P	PKP	10 40 33.4 -0.1
WME	Myndd Eblan	118.05 331	eP	PKP	10 40 28.1 -4.9
YLL	Llanberis	118.13 330	eP	PKIKP	10 40 33.6 +0.4
MCH1	Michaelchurch	118.19 329	IAMS_20	IAMS_20	11 37 46.7
SMCO	Snowmass	118.28 47	IAMS_20	IAMS_20	11 23 38.0
N23A	Red Feather La	118.43 45	PKIKP	PKIKP	10 40 34.8 +0.3
RSSD	Black Hills	118.49 41	PKIKP	PKP	10 40 33.8 -0.7
RSSD	Black Hills	118.49 41	PKP	PKP	10 40 33.8 -0.7
RSSD	Black Hills	118.49 41	IAMS_20	IAMS_20	11 27 43.1
RSSD	Black Hills	118.49 41	PKIKP	PKP	10 40 33.9 -0.6
CKFL	KeF-Lekhel	118.51 309	P	PKIKP	10 40 35.0 +0.4
CTEI	Djebel Teioual	118.85 308	P	PKIKP	10 40 36.0 +0.7
S22A	4UR Ranch, Cre	118.85 49	PKIKP	PKIKP	10 40 36.4 +0.9
ISCO	Idaho Springs	119.06 46	PKIKP	PKIKP	10 40 36.3 +0.4
DFRA	Djebel Bou Aff	119.11 310	P	PKIKP	10 40 36.5 +0.7
USHA	Ushuaia	119.40 168	PKP	PKIKP	10 40 36.5 +0.9
DYA	Yadsworth	119.54 328	eP	PKP	10 40 34.7 -1.2
DYA	Yadsworth	119.54 328	IAMS_20	IAMS_20	11 22 33.2
MDND	Maddock	119.55 36	PKIKP	PKP	10 40 35.4 -0.8
121A	Cookes Peak, D	119.62 55	PKIKP	PKIKP	10 40 37.4 +0.4
Q24A	Divide	119.69 47	PKIKP	PKIKP	10 40 37.3 +0.1
SDCO	Great Sand Dun	119.85 48	IAMS_20	IAMS_20	11 27 13.6
SDCO	Great Sand Dun	119.85 48	PKIKP	PKP	10 40 37.3 -0.1
Y22D	IRIS PASSCAL I	119.89 53	PKIKP	PKIKP	10 40 38.2 +0.7
ANMO	Albuquerque	120.00 52	IAMS_20	IAMS_20	11 22 50.1
ANMO	Albuquerque	120.00 52	PKIKP	PKIKP	10 40 38.1 +0.4
ULM	Lac du Bonnet	120.33 32	PKP	PKIKP	10 40 37.7 +0.1
ULM	Lac du Bonnet	120.33 32	PKP	PKP	10 50 43.6 -2.3
T25A	Trinidad	120.87 49	IAMS_20	IAMS_20	11 25 52.7
T25A	Trinidad	120.87 49	PKIKP	PKIKP	10 40 39.5 +0.1
EPT	El Paso	120.87 55	IAMS_20	IAMS_20	11 23 17.3
OGNE	Ogallala	121.14 44	IAMS_20	IAMS_20	11 23 49.6
OGNE	Ogallala	121.14 44	PKIKP	PKP	10 40 39.2 -0.3
AGMN	Agassiz Nation	121.44 34	PKIKP	PKP	10 40 38.7 -1.0
KSCO	Kaye Shedlock	121.50 46	PKIKP	PKP	10 40 39.5 -0.7
SUSD	Miller	121.61 39	PKIKP	PKP	10 40 39.8 -0.4
SUSD	Miller	121.61 39	PKIKP	PKP	10 40 39.5 -0.8
GO09	Cerro Castillo	121.75 164	PKP	PKP	10 40 39.5 -0.8
MNTX	Cornudas Mount	121.81 55	IAMS_20	IAMS_20	11 23 35.2
MNTX	Cornudas Mount	121.81 55	PKIKP	PKIKP	10 40 41.3 +0.2
F33A	5 Mile Ranch,	122.53 36	PKP	PKP	10 40 41.8 -0.1
B3SA	Bob, Littlefor	122.57 37	IAMS_20	IAMS_20	10 40 41.0 -0.8
NRSN	Narsarsuaq	122.97 357	IAMS_20	IAMS_20	11 31 21.8
IVI	Ivigut	123.02 359	eP	PKIKP	10 40 43.5 +1.0
IVI	Ivigut	123.02 359	IAMS_20	IAMS_20	11 33 45.3
MSTX	Muleshoe	123.20 52	PKIKP	PKP	10 40 43.5 -0.1
ECSO	EROS Data Cent	123.43 39	IAMS_20	IAMS_20	11 33 24.6
ECSO	EROS Data Cent	123.43 39	PKIKP	PKP	10 40 43.1 -0.7
BGNE	Belgrave	123.58 42	PKIKP	PKP	10 40 43.3 -0.7
CBKS	Cedar Bluff	123.64 45	PKIKP	PKP	10 40 44.0 -0.3
AMTX	Amarillo	123.73 50	PKIKP	PKP	10 40 43.9 -0.7
CART	Cartagena	123.88 313	PKP	PKIKP	10 40 46.1 +1.1
CART	Cartagena	123.88 313	PKP	PKP	10 42 31.6 +3.8
TXAR	Lajas Array	123.89 57	PKP	PKP	10 40 45.2 +0.1
TXAR	Lajas Array	123.89 57	PKP	PKP	10 50 33.3 +1.5
EYMN	Ely	124.02 32	PKIKP	PKP	10 40 43.4 -1.3
EFI	East Falkland	124.05 174	IAMS_20	IAMS_20	11 32 41.2
L34A	Svensdens Farm,	124.47 40	PKP	PKP	10 40 44.5 -1.2
R32A	Long Quar,	124.49 45	PKP	PKP	10 40 45.0 0.0
E38A	The Farm, Bru	124.80 33	PKP	PKP	10 40 45.6 -0.6

SPMN	Marine on St.	124.91 35	PKP	PKP	10 40 45.9 -0.6
SPMN	Marine on St.	124.91 35	PKIKP	PKP	10 40 45.9 -0.6
ESBB	Sonsecra Array	125.06 317	PKP	PKP	10 40 46.7 -0.3
ESBB	Sonsecra Array	125.06 317	PKIKP	PKP	10 40 46.7 -0.3
ESDC	comp=Z,2.5nm,1.0s,baz=26,slow=2.9,SNR=2.7	PKP	PKIKP	10 40 48.0 +0.6	
ESDC	comp=Z,2.3nm,1.2s,baz=14,slow=2.7,SNR=2.7	PKP	PKP	10 42 38.4 +2.6	
ESDC	comp=Z,19nm,0.9s,baz=56,slow=7.7,SNR=7.0	PKP	PKPbc	10 50 29.4 +1.9	
U32A	Winter Ranch,	125.18 48	IAMS_20	IAMS_20	11 30 52.7
PAB	San Pablo	125.38 317	PKIKP	PKP	10 40 47.8 +0.2
PAB	San Pablo	125.38 317	PKP	PKP	10 40 47.8 +0.2
PAB	San Pablo	125.38 317	IAMS_20	IAMS_20	11 46 27.0
N35A	Tabor	125.50 41	PKP	PKP	10 40 47.0 -0.7
OK032	Salt Plains WL	125.58 47	IAMS_20	IAMS_20	11 27 08.3
KSU1	Kansas State U	125.69 44	PKP	PKP	10 40 47.8 -0.3
KSU1	Kansas State U	125.69 44	PKP	PKP	10 40 47.8 -0.3
KSU1	Kansas State U	125.69 44	PKIKP	PKP	10 40 47.9 -0.3
PBRG	Braganca	125.84 320	PKP	PKP	10 40 49.7 +0.9
PBRG	Braganca	125.84 320	PKP	PKP	10 40 49.7 +0.9
CHAS	Chas Isabel II	125.90 311	PKP	PKP	10 42 38.3 -3.1
TAF	Tafaralet	126.03 311	PKIKP	PKP	10 40 52.0 +2.5
ABTX	Abilene, Hawle	126.12 52	PKP	PKP	10 40 48.9 -0.3
ABTX	Abilene, Hawle	126.12 52	PKP	PKP	10 40 49.1 -0.1
JFKM	Jibiki	126.14 307	P	PKIKP	10 40 52.0 +2.2
FIGB	FIGB	126.34 310	P	PKIKP	10 40 53.0 +2.7
MVO	Moncorvo	126.36 320	PKP	PKP	10 40 51.0 +1.1
MVO	Moncorvo	126.36 320	PKP	PKP	10 42 56.9 +1.3
MVO	Moncorvo	126.36 320	eSS	SS	11 00 03.9 +1.7
MVO	Moncorvo	126.36 320	eSS	SS	11 23 20.1
TDR	Tendrar	126.42 309	P	PKIKP	10 40 53.0 +2.5
SCIA	State Center	126.52 39	PKP	PKP	10 40 49.4 -0.2
SCIA	State Center	126.52 39	PKP	PKP	11 29 24.3
SCIA	State Center	126.52 39	PKIKP	PKP	10 40 48.9 -0.7
OK029	Liberty Lake	126.56 48	IAMS_20	IAMS_20	11 36 26.2
PCAB	Calbr	126.71 321	PKP	PKIKP	10 40 51.8 +1.3
EMAL	Emalia-Limoner	126.71 314	PKP	PKP	10 42 45.8 -0.9
PGAV	Gaveira, Arco	126.72 321	PKP	PKP	10 40 51.4 +0.8
PGAV	Gaveira, Arco	126.72 321	eSS	SS	11 00 01.0 +1.0
PGAV	Gaveira, Arco	126.72 321	eLR	LR	11 23 26.6
OK025	Westminster Rd	126.73 48	IAMS_20	IAMS_20	11 36 32.9
JCT	Junction City	126.74 55	PKIKP	PKIKP	10 40 50.9 0.0
JCT	Junction City	126.74 55	PKP	PKP	10 40 50.9 0.0
JCT	Junction City	126.74 55	PKP	PKP	11 31 37.6
JCT	Junction City	126.74 55	PKP	PKP	10 40 50.4 0.0
POLO	Lamas de Olo	126.74 320	PKP	PKIKP	10 40 51.9 +1.2
POLO	Lamas de Olo	126.74 320	PKP	PKP	10 43 18.4 +3.2
PVRL	Vila Real	126.74 320	PKP	PKP	10 40 51.6 +1.0
COYC	Coyhaique	126.94 161	PKP	PKP	10 40 50.5 +0.1
COYC	Coyhaique	126.94 161	IAMS_20	IAMS_20	11 31 23 08.3
OK031	S. Brethren Rd	126.94 47	IAMS_20	IAMS_20	11 28 36.4
OK034	N. Norfolk Rd	127.01 47	IAMS_20	IAMS_20	11 29 09.2
PALE	Palermo	127.01 312	P	PKIKP	10 40 55.1 +3.7
MTE	Manteigas	127.09 319	PKP	PKP	10 40 52.4 +1.0
MTE	Manteigas	127.09 319	PKP	PKP	10 43 02.4 +1.3
MTE	Manteigas	127.09 319	eLR	LR	11 24 01.6
MTE	Manteigas	127.09 319	PKP	PKP	10 40 50.4 -0.5
MTE	Manteigas	127.09 319	IAMS_20	IAMS_20	11 44 39.9
PVISE	Viseu	127.15 320	PKP	PKIKP	10 40 51.6 +0.2
PCBR	Castelo Branco	127.34 319	PKP	PKP	10 40 52.0 +0.2
PCBR	Castelo Branco	127.34 319	PKP	PKP	10 43 03.2 +1.3
PMRV	Marv??o	127.49 318	PKP	PKP	10 40 53.0 +0.8
PMRV	Marv??o	127.49 318	PKP	PKP	10 42 55.2 +3.4
PMRV	Marv??o	127.49 318	eSS	SS	11 00 06.3 +5.6
PMRV	Marv??o	127.49 318	eLR	LR	11 23 09.4
LOOK	Low County	127.51 50	PKP	PKP	10 40 51.7 -0.1
TORD	Torodi Ar. Bea	127.66 283	PKHkP	PKP	10 40 37.9
TORD	Torodi Ar. Bea	127.66 283	PKP	PKP	10 40 51.9 -0.7
TORD	Torodi Ar. Bea	127.66 283	PKP	PKP	10 42 54.9 +0.8
TORD	Torodi Ar. Bea	127.66 283	PKP	PKP	10 40 51.7 -0.8
L40A	Leonard	127.76 383	PKP	PKP	10 40 50.5 -1.3
TUL1	Leonard	127.73 47	IAMS_20	IAMS_20	11 30 03.1
TUL1	Leonard	127.73 47	PKIKP	PKP	10 40 51.8 -0.3
SCHW	Schefferville	127.75 12	PKP	PKP	10 40 49.5 -2.1
JFWS	Jewell Farm	127.76 36	PKP	PKP	10 40 50.7 -1.2
COI	Coimbra	127.76 319	PKP	PKIKP	10 40 53.4 +0.8
COI	Coimbra	127.76 319	PKP	PKP	10 43 05.3 +1.2
COI	Coimbra	127.76 319	IAMS_20	IAMS_20	11 47 51.4
833A	Chaparral WMA,	127.77 57	PKIKP	PKP	10 40 52.6 +0.2
CEU	Ceuta	127.77 313	PKP	PKP	10 40 50.1 -2.1
CEU	Ceuta	127.77 313	PKP	PKP	10 42 59.2 +5.5
PCAS	Casimilo, Conde	127.90 319	PKP	PKP	10 40 54.3 +1.4

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like DGAR, PEA0B, PETK, etc.

GRAL 09:10:32:15.6:0.3,34:39N:36.76E, h3km, 6km, MD3.1, Jordan-Syria region

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

NEIC 09:10:35:45.5:1.2, 4.07S:0.06x129.53E:0.07, h24km, 6km, mb4.5/18, Error ellipse: s-maj=9.8km s-min=9.0km az=112.0

IDD 09:10:35:48.7:1.2, 4.13S:129.48E, h26km, 5km, mb4.1/4, mb1 4.4/7, mb1mx3.8/44, mbtmp4.7/3, Error ellipse: s-maj=45.9km s-min=22.1km az=70.0

ISC 09:10:35:46.3:0.5, 4.07S:0.07x129.53E:0.08, h36km, n36, r110/31, mb4.4/8, Banda Sea

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like WRA, WB2, WR0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like PMG, SMRI, PSA00, etc.

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

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

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

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

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

NEIC 09:10:36:09.9:2.0, 4.14S:0.07x129.34E:0.07, h22km, 5km, mb4.7/30, Error ellipse: s-maj=11.1km s-min=9.1km az=61.0

IDD 09:10:36:09.8:0.5, 4.13S:129.36E, h24km, 1km, mb4.4/10, mb1 4.5/13, mb1mx4.1/43, mbtmp4.6/13, ML4.3/3, Error ellipse: s-maj=11.7km s-min=9.2km az=98.0

ISC 09:10:36:09.6:0.6, 4.13S:0.07x129.40E:0.09, h24km, 4km, h25km, pP-P, n55, o098/60, mb4.8/22, Banda Sea

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

Table with columns: ENH, Enshi, 39.16 332, P, P, 10 43 34.6 -1.0, etc.

Table with columns: MJAR, Matsushiro Arr, 41.29 11, P, P, 10 43 52.9 -0.3, etc.

Table with columns: TARA, Tarawa, 43.84 84, P, P, 10 44 15.5 +1.3, etc.

Table with columns: ERM, Erimo, 47.61 14, P, P, 10 44 44.1 +0.6, etc.

Table with columns: ZALV, Zalesovo Beam, 68.76 334, P, P, 10 47 11.4 0.0, etc.

Table with columns: QSPA, South Pole Qui, 85.83 180, P, P, 10 48 47.7 +0.7, etc.

Table with columns: AKTO, Aktuvichii, 81.45 322, P, P, 10 48 25.2 +0.5, etc.

Table with columns: MSAI, Masohi, 0.94 326, P, S, 10 38 40.8 -1.2, etc.

Table with columns: ASAR, Alice Springs, 19.89 168, P, P, 10 42 54.6 +0.8, etc.

Table with columns: STKA, Stephens Creek, 29.86 159, P, P, 10 44 29.0 -0.5, etc.

Table with columns: MAJO, Matsushiro, 41.28 11, P, P, 10 46 06.3 -1.0, etc.

Table with columns: USR0, Ussuriysk Arr, 48.17 2, P, P, 10 47 02.6 +0.6, etc.

Table with columns: MK31, Makanchi Array, 65.54 326, P, P, 10 49 05.6 +0.3, etc.

Table with columns: ZALV, Zalesovo Beam, 68.76 334, P, P, 10 49 25.5 -0.2, etc.

Table with columns: CPUP, Villa Florida, 149.01 168, PKPdf, PKPdf, 10 58 06.1 -0.3, etc.

Table with columns: FAKI, Fak Fak, 2.96 67, Pn, Pn, 10 39 43.8 -0.1, etc.

Table with columns: SBUM, Sibu, 18.49 290, P, Pn, 10 43 13.3 +0.5, etc.

Table with columns: JWS, Wachi, 39.58 8, P, P, 10 46 26.6 -0.4, etc.

Table with columns: MAT, Matsushiro, 41.25 11, P, P, 10 46 40.4 -0.6, etc.

Table with columns: PEAOB, Petropavlovsk, 61.76 19, P, P, 10 49 13.4 -0.6, etc.

Table with columns: MAJO, Matsushiro, 41.28 11, P, P, 10 46 08.4, etc.

Table with columns: USR0, Ussuriysk Arr, 48.17 2, P, P, 10 47 01.9 -0.1, etc.

Table with columns: MK31, Makanchi Array, 65.54 326, P, P, 10 49 05.6 +0.3, etc.

Table with columns: ZALV, Zalesovo Beam, 68.76 334, P, P, 10 49 25.5 -0.2, etc.

Table with columns: CPUP, Villa Florida, 149.01 168, PKPdf, PKPdf, 10 58 06.1 -0.3, etc.

Table with columns: FAKI, Fak Fak, 2.96 67, Pn, Pn, 10 39 43.8 -0.1, etc.

Table with columns: SBUM, Sibu, 18.49 290, P, Pn, 10 43 13.3 +0.5, etc.

Table with columns: JWS, Wachi, 39.58 8, P, P, 10 46 26.6 -0.4, etc.

Table with columns: MAT, Matsushiro, 41.25 11, P, P, 10 46 40.4 -0.6, etc.

Table with columns: PEAOB, Petropavlovsk, 61.76 19, P, P, 10 49 13.4 -0.6, etc.

9d 11h

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

IDC 09 11:18:32.5:0.8, 4.00S:129:57E, h0km, mb4.6/17, mb1.4/6/19, mb1mx4.2/4, mbtmp4.6/19, ML4.3/2, Error ellipse: s-maj=26.2km s-min=17.7km az=59.0

NEIC 09 11:18:37.0:1.3, 4.10S:0:06x:129:62E:0.06, h30km, 5km, mb4.8/48, Error ellipse: s-maj=9.3km s-min=8.5km az=83.0

ISC 09 11:18:37.0:3.4, 0.09S:0:05:129:63E:0:06, h36km, n90, c=1503/91, mb4.7/36, Banda Sea

Main table for 9d 11h section, listing various seismic stations and their data points.

2015 DEC

Table with columns: VANDA, BVAR, BRVK, BRVK, etc. listing station names and associated data.

SOME 09 11:26:25.8, 38:90N, 72:83E, h5km, KRNET 09 11:26:26.7:0.1, 38:81N:73:31E, h19km, mb3.6

ISC 09 11:26:29.6:1.2, 38:99N:0:07:73:19E:0:04, h10km, n40, c=234/55, mb3.5/3, 12C-6Z, Tajikistan-Xinjiang border

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

Main table for 2015 DEC section, listing various seismic stations and their data points.

474

Table with columns: KUUV, KUUV, KUUV, KUUV, etc. listing station names and associated data.

ISC 09 11:27:33.0:1.1, 48:79N:0:07:18:10E:0:05, h12km, 10km, n6, c=69/91, Czech and Slovak Republics

ISC 09 11:28:05.1:1.8, 4:31S:128:89E, h0km, mb3.5/1, mb1.3/7.4, mb1mx3/0.55, mbtmp3.5/4, ML3.3/3, Error ellipse: s-maj=59.3km s-min=29.7km az=82.0, Banda Sea

ISC 09 11:29:15.3:1.8, 4:11S:129:51E, h0km, mb3.5/1, mb1.3/7.4, mb1mx3/0.53, mbtmp3.5/4, ML3.3/3, Error ellipse: s-maj=65.5km s-min=29.1km az=83.0, Banda Sea

ISC 09 11:29:58.3:0.7, 4:21S:129:42E, h0km, mb4.0/8, mb1.4/1/11, mb1mx3.7/55, mbtmp4.0/11, ML4.0/3, Error ellipse: s-maj=46.7km s-min=17.0km az=80.0

NEIC 09 11:29:56.3:1.7, 3:91S:0:07:129:67E:0:06, h20km, 6km, mb4.1/13, Error ellipse: s-maj=10.8km s-min=8.1km az=214.0

DJA 09 11:29:58.3:0.7, 4:21S:129:42E, h0km, M4.2/8, mb4.6/1, ML3.6

ISC 09 11:29:58.5:0.5, 4:10S:0:05:129:62E:0:06, h36km, n43, c=1832/45, mb4.1/10, Banda Sea

Main table for 474 section, listing various seismic stations and their data points.

NEIC 09 11:34:17.2,3,8.16S:0.07:116.10E:0.03,h210km,5km, mb4.8/65, Error ellipse: s-maj=10.6km s-min=4.9km az=181.0

DJA 09 11:34:18.9,0.1,8.5S:2.1116E,h203km,1km,M4.8/52, mb5.3/19,mb4.9/52,MLV5.1/32,Mw(mb)4.7/19

IDC 09 11:34:19.9,0.9,7.93S:116.11E,h225km,7km,mb4.3/34, mb1.4/37,mb1mx4.1/55,mbmp4.9/37, Error ellipse: s-maj=9.6km s-min=7.3km az=50.0

KLM 09 11:34:19.8,12S:116.10E,h221km,mb5.1

ISC 09 11:34:18.1,0.5,8.11S:0.04:116.10E:0.04,h215km,4km, m284.1/141/293,mb4.7/39,30-3D,Sumbawa region

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

Main table with columns: BKN, PPI, JPM, MEEK, MNSI, IPM, PSI, KULM, WSKA, GSI, MORW, TORW, WBO, WRA, WRAB, WRAB, WRB, DLV, WRO, KCSI, TPTI, BLDU, TGY, AS31, ASAR, ASAR, LHHI, LHHI, LHHI, LKBR, NWAO, FORT, FORT, OIS, OOD, COEN, COEN, COEN, MTSU, INKA, CMAR, CMAR, CTA, CHTO, CHTO, YULB, QLP, HHT, YHNB, STKA, KMI, KMI, KMI, PALK, PALK, NJ2, NJ2, CD2, CD2, SHL, SHL, XAN, XAN, XAN, HNR, KAAM, ODAN, LSA, LSA, TAPN, HYB, RAMN, LZH, LZH, LZH, LZH, JHS, JHS, PKI, PKIN, DMN, KKN, KSAR, KSAR, KS19, KS19, JWS, JWS, GKN, GKN, INU, INU. Lists seismic events with details like magnitude, depth, and station codes.

Table with columns: KOLN, JGF, BJL, PYUN, BTO, BTO, BTO, HHC, HHC, MAJO, MAJO, MAJO, MJAR, MJAR, MJAR, GAT, GAT, GAT, CN2, CN2, MDJ, MDJ, MDJ, USA0, USA0, USRK, ULN, ULN, SONM, HIA, ASAJ, WMQ, WMQ, KLR, KSH, KSH, KBL, KBL, BOOM, MK31, MKAR, MAKZ, DRK, DRK, TKM2, KBK, AAK, AAK, AAK, AML, EKS2, USP, KURB, KURB, ZAAO, ZALV, PETK, YAK, YAK, YAK, GEYT, BVAR, BRVK, BRVK, ABKAR, RAYN, SEY, AKTO, KIBK, KIBK, KMBO, ARU, ARU, ARU, NRIK, NRIK, NRIK, QSPA, QSPA, GURO, BELG, KBZ, MBAR, MBAR, GAZ, MMAI, BOSA, BOSA, BOSA, LBTB, LBTB, BRTR, BRTR, SNAJ, SNAJ, SNAJ, VNA2, VNA3. Lists seismic events with details like magnitude, depth, and station codes.

Table with columns: AKASG, Malin Array Be, 94.27 320 P, P, 11 47 10.8 -2.1, etc. Includes various station codes and coordinates.

NEIC 09 11:36:37.3:0.8, 19.15N:0.06:66.52W:0.04, h31km, 13km, Error ellipse: s-maj=9.7km s-min=2.8km az=205.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc. Lists station data for NEIC 09.

ICD 09 11:44:19.1:1.4, 4.05S:129.57E, h0km, mb3.8/2, mb1 3.8/5, mb1mx3.2/53, mbtmp3.7/5, ML3.5/3, Error ellipse: s-maj=46.1km s-min=24.8km az=88.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc. Lists station data for ICD 09.

Table with columns: SJJI, Sorong, 3.63 29 Pn, Pn, 11 45 18.0 +1.0, etc. Includes station codes and coordinates.

ICD 09 11:45:12.1:2.6, 4.01S:129.51E, h0km, mb3.5/2, mb1 3.7/3, mb1mx2.9/52, mbtmp3.5/3, ML3.5/3, Error ellipse: s-maj=174.6km s-min=31.9km az=69.0, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc. Lists station data for ICD 09.

ICD 09 11:49:12.5:1.5, 4.11S:129.22E, h0km, mb3.8/2, mb1 3.6/5, mb1mx3.1/50, mbtmp3.6/5, ML3.6/2, Error ellipse: s-maj=54.7km s-min=27.7km az=79.0

ICD 09 11:49:17.0:2.3, 4.1S:16.12'9E, h19km, 11km, M3.5/6, ML3.5/6

ICD 09 11:49:16.3:1.3, 4.1S:0.1:129.34E:0.07, h35km, n10, 01/50/11, Banda Sea

ICD 09 11:49:42.1:1.5, 4.16S:129.35E, h0km, mb3.9/2, mb1 3.8/5, mb1mx3.2/51, mbtmp3.7/5, ML3.5/3, Error ellipse: s-maj=55.5km s-min=27.5km az=80.0

ICD 09 11:49:43.5:1.2, 4.1S:0.1:129.6E:0.2, h10km, n5, c077/6, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc. Lists station data for ICD 09.

ICD 09 11:52:22.4:1.6, 4.35S:129.65E, h0km, mb3.7/2, mb1 3.7/5, mb1mx3.3/46, mbtmp3.6/5, ML3.4/2, Error ellipse: s-maj=65.2km s-min=27.7km az=79.0

ICD 09 11:52:23.9:1.2, 4.35S:0.10:129.7E:0.3, h10km, n5, c050/6, Banda Sea

ICD 09 11:53:11.6:0.7, 4.14S:129.45E, h0km, mb4.3/12, mb1 4.4/15, mb1mx4.1/47, mbtmp4.3/15, ML4.0/3, Error ellipse: s-maj=32.1km s-min=16.5km az=73.0

NEIC 09 11:53:15.9:0.9, 4.16S:0.05:129.53E:0.05, h29km, 5km, mb4.6/20, Error ellipse: s-maj=9.4km s-min=3.5km

DJA 09 11:53:16.3:0.5, 4.5S:12.92E, h10km, M4.4/9, mb4.8/2, ML4.2/9

ICD 09 11:53:16.2:0.4, 4.19S:0.05:129.47E:0.05, h36km, n66, c1717/0, mb4.5/24, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc. Lists station data for ICD 09.

Table with columns: STKA, Stephens Creek, 29.80 159 P, P, 11 59 21.1 +1.3, etc. Includes station codes and coordinates.

ICD 09 11:58:46.5:1.4, 5.88S:131.05E, h0km, mb3.9/3, mb1 4.3/7, mb1mx3.7/40, mbtmp4.2/7, ML4.3/4, Error ellipse: s-maj=43.8km s-min=21.0km az=74.0

NEIC 09 11:58:49.0:1.5, 5.90S:0.07:131.1E:0.1, h22km, 7km, mb4.2/12, Error ellipse: s-maj=17.4km s-min=9.3km az=78.0

ICD 09 11:58:51.3:0.6, 5.91S:0.07:131.06E:0.09, h50km, n43, c169/41, mb3.9/4, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc. Lists station data for ICD 09.

ICD 09 11:58:51.3:0.6, 5.91S:0.07:131.06E:0.09, h50km, n43, c169/41, mb3.9/4, Banda Sea

ICD 09 11:58:51.3:0.6, 5.91S:0.07:131.06E:0.09, h50km, n43, c169/41, mb3.9/4, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc. Lists station data for ICD 09.

ICD 09 11:58:51.3:0.6, 5.91S:0.07:131.06E:0.09, h50km, n43, c169/41, mb3.9/4, Banda Sea

ICD 09 11:58:51.3:0.6, 5.91S:0.07:131.06E:0.09, h50km, n43, c169/41, mb3.9/4, Banda Sea

ICD 09 11:58:51.3:0.6, 5.91S:0.07:131.06E:0.09, h50km, n43, c169/41, mb3.9/4, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc. Lists station data for ICD 09.

Table with columns: STKA, Stephens Creek, 27.65, 160, P, P, 12 04 35.8 +1.3. Includes other stations like STKA, CMAR, MKAR, etc.

Table with columns: BRVK, Ampulak array, 80.15, 321, P, P, 12 11 22.3 +0.2. Includes other stations like ARVN, PDAR, TXAR, etc.

Table with columns: MSAI, Ambon, 1.51, 291, S, Sn, 12 08 55.2 -3.0. Includes other stations like AAI, FAKI, etc.

ADC 09 11:59:11.7-0.9, 4.14S: 129.38E, h0km, mb4.3/11, mb1 4.3/14, mb1mx4.0/42, mbtmp4.2/14, ML3.5/3, Error ellipse: s-maj=30.6km s-min=21.0km az=83.0

ADC 09 12:00:18.0-0.7, 10.38N:93.74E, h0km, mb4.1/17, mb1 4.1/19, mb1mx3.9/52, mbtmp4.0/19, Error ellipse: s-maj=27.9km s-min=15.4km az=62.0

ADC 09 12:00:19.0-0.8, 10.47N:108.93E, h0km, mb4.1/17, mb1 4.1/19, mb1mx3.9/52, mbtmp4.0/19, Error ellipse: s-maj=27.9km s-min=15.4km az=62.0

NEIC 09 11:59:14.0-1.4, 4.17S: 129.77E, 0.06, h18km, 4km, mb4.6/44, Error ellipse: s-maj=9.4km s-min=8.0km az=187.0

ISC 09 11:59:15.7-0.4, 4.23S: 129.66E, 0.06, h36km, n83, s1508/83, mb4.5/30, Banda Sea

ISC 09 12:00:21.1-0.5, 10.45N:106.93E, 0.08, h19km, n49, s1059/51, mb4.3/25, Andaman Islands region

Main table listing station data for the left column, including station names, coordinates, and various parameters.

Main table listing station data for the middle column, including station names, coordinates, and various parameters.

Main table listing station data for the right column, including station names, coordinates, and various parameters.

Table with columns: ARU, Arti, 83.16 328z, iP, P, 12 18 47.1 -0.3, etc. Includes stations like ARU, ARTI, MIB, RST, QSPA, etc.

Table with columns: TOR, Torodi Ar. Bea, 127.85 283, PKPdf, PKPdf, 12 25 27.4 -0.7, etc. Includes stations like TOR, ULOA, PLCA, etc.

ICD OR 12:14:20.9.0.7, 4.17S; 129.54E, h0km, M4.4/2, m1 4.3/15, ms1mx4.6/51, mbtmp4.3/15, ML4.3/3, MS4.4/2, Ms1 4.4/2, ms1mx3.74/49, Error ellipse: s-maj=28.8km s-min=15.7km az=7.0

DJA OR 12:14:23.8.0.7, 4.7S; 13.0E, h10km, M4.4/8, mb5.0/1, MLV4.2/8

NEIC OR 12:14:24.5.1.3, 4.13S; 0.06x129.53E; 0.07, h20km, 4km, mb4.3/27, Error ellipse: s-maj=9.7km s-min=8.8km az=73.0

ISC OR 12:14:25.7.0.4, 4.17S; 0.05x129.51E; 0.06, h36km, n62, s150B/63, mb4.2/19, Banda Sea

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Includes stations like MSAI, LBNL, SANI, etc.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Includes stations like MSAI, AAI, FAKI, etc.

ISC 09 12:24:31.7,0.3,4.20S:0.04:129.64E:0.05,h36km,m165,
c135/166,mb4.7/55,1-C,D,Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like MSAI Masohi, AAI Ambon, FAKI Fak Fak, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like SUF Soyalatti, Pyha, OBFJO Joensuu, etc.

IDC 09 12:31:24.3:1.4,4:16S:129.44E,h0km,mb4.1/2,
mb1.4/1.5,mb1mx3.3/4.7,mbtimp.3/9.5,ML.3/6.3,Error
ellipse: s-maj=53.2km s-min=25.5km az=77.0
NEIC 09 12:31:25.2:1.1,4:02S:0.05:129.92E:0.07,h21km,6km,
mb4.2/2.2,Error ellipse: s-maj=10.6km s-min=7.3km
az=113.0
DJA 09 12:31:26.8:0.7,4:5:6:12:9E:1,h10km,M3.9/7,MLV3.9/7
ISC 09 12:31:23.0:0.5,4.04S:0.06:129.81E:0.05,h10km,n42,
c157/144,mb4.3/35,Banda Sea

IDC 09 12:32:04.3:1.6,4:33S:129.87E,h0km,mb4.0/4,
mb1.4/2.6,mb1mx3.6/4.8,mbtimp.4/0.6,ML4.0/2,Error
ellipse: s-maj=54.4km s-min=29.8km az=79.0
NEIC 09 12:32:05.9:1.8,4:25S:0.09:130.0E:0.1,1h10km,2km,
mb4.2/1.2,Error ellipse: s-maj=26.5km s-min=12.3km
az=64.0
ISC 09 12:32:08.9:0.6,4:28S:0.07:129.98E:0.09,h40km,n24,
c152/255,mb4.1/6,Banda Sea

Table with columns: FITZ, FITZ, WRA, WRA, ASAR, ASAR, STKA, MKAR. Includes station names, coordinates, and status.

DCD 09 12:55:20.6; 1.6, 4.1, 5.7N; 127.14E, h113km, 15km, mb4.0/14, mb1.4/1.19, mb1mx3.768, mbtmp4.4/1.9, Error ellipse: s-maj=19.6km s-min=9.3km az=76.0

NEIC 09 12:55:22.8; 1.8, 1.56N; 0.04x127.20E; 0.07, h130km, 6km, mb4.7/2.4, Error ellipse: s-maj=11.1km s-min=4.1km az=112.0

DJA 09 12:55:23.1; 0.4, 2.3N; 3x12.7E; h87km, 7km, M4.8/12, mb5.1/2, mb4.8/12, MLV4.8/11, Mw(mb)4.4/2

ISC 09 12:55:24.2; 0.5, 1.57N; 0.05x127.11E; 0.07, h150km, n76, r1577.9, mb4.4/25, 2C, Halmahera

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

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

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

Table with columns: MAW, SYO, GSPA, TORD. Includes station names, coordinates, and status.

DCD 09 12:57:39.9; 1.6, 4.1, 5.7N; 129.20E, h0km, mb4.0/2, mb1.4/2.4, mb1mx3.3/62, mbtmp4.1/4, ML3.9/2, Error ellipse: s-maj=54.3km s-min=30.2km az=79.0

ISC 09 12:57:44.7; 1.4, 4.05N; 0.1x129.4E; 0.2, h35km, n5, r160/6, Banda Sea

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

BUI 09 12:57:59.0; 0.0, 16.70S; 175.15E, h5km, mb6.1/53, mb5.2/64, Ms5.9/74, Ms7.5/76.9

DCD 09 12:58:00.1; 0.4, 16.76S; 175.11E, h0km, mb5.2/37, mb1.5/3.40, mb1mx5.0/49, mbtmp5.2/40, ML5.6/2, MS5.5/35, Ms1.5/35, ms1mx5.5/42, Error ellipse: s-maj=13.1km s-min=10.5km az=174.0

NEIC 09 12:58:01.8; 1.6, 16.74S; 0.08x175.25E; 0.06, h10km, 1km, M5.7/295, Ms2.5/9.9, Mw6.1, Error ellipse: s-maj=13.7km s-min=10.5km az=184.0

MOS 09 12:58:02.6; 1.5, 16.75S; 174.98E, h22km, mb5.7/40, MS5.5/9, Error ellipse: s-maj=8.7km s-min=7.3km az=44.5

BGR 09 12:58:04.0; 0.0, 16.74S; 175.16E, h10km, Ms6.6

GCMT 09 12:58:06.8; 0.1, 16.65S; 0.01x175.04E; 0.1, h19km, MW6.1/161, Moment Tensor Solution. s118, c200; s161, c431; Duration: 287 Moment tensor: Scale 1018 Nm; Mn=0.18x10^22; Mxx=0.69x10^22; Mxy=0.86x10^22; Mxz=0.40x10^22; Myx=0.40x10^22; Myz=0.12x10^22; Mzz=0.12x10^22; Best double couple: Mo1.66000x10^18; NP1: 347.00000; 377.00000; lambda=171.00000; NP2: 254.00000; 581.00000; lambda=14.00000; Principal axes: T 1.6940, Plg3.0000; Azm301.0000; N -0.0680, Plg74.0000; Azm42.0000; P -1.6260, Plg16.0000; Azm210.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NOU 09 12:58:06.4; 16.73S; 175.17E, h43km, mb5.8/60, Fiji Islands Region

NEIC 09 12:58:06.16; 72S; 175.17E, h14km, Moment Tensor Solution. Duration: 100 Moment tensor: Scale 1018Nm; Mn=0.38; Mxx=0.53; Mxy=0.92; Myx=0.19; Mzz=0.66; Mxz=0.66; Myz=0.66; Mzz=0.66; NP1: 657.00000; 363.00000; lambda=3.00000; NP2: 165.00000; 387.00000; lambda=159.00000; Principal axes: T 1.8475, Plg17.0000; Azm119.0000; N -0.5484, Plg69.0000; Azm337.0000; P -1.2991, Plg12.0000; Azm213.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 09 12:58:01.4; 0.4, 16.76S; 0.04x175.23E; 0.04, h11km, 2km, h11km; pP, N1043, r136/875, mb5.7/287, MS5.8/226, 62C-72P, Fault plane solution: NP1: 342.48315; 357.71008; lambda=176.42911; Principal axes: T Plg19.9079; Azm301.1245; N Plg57.5345; Azm65.8202; P Plg24.5174; Azm201.6171; Fiji Islands region

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

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

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

Table with columns: TKGZ, RIGZ, SYO, BKZ. Includes station names, coordinates, and status.

comp=Z, 224nm, 1.2s Black Stump Fm 22.36 177 P P 13 03 00.4 +0.9

comp=Z, 25nm, 0.8s, baz=263, slow=6.3, SNR=12 13 03 17.5 +0.8

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

comp=Z, 374nm, 1.4s South Karori 24.47 181 P P 13 03 22.0 +1.5

comp=Z, 150nm, 0.9s Rabaul 25.85 296 P P 13 03 31.0 -2.2

comp=Z, 210nm, 0.9s Roma 26.40 244 P P 13 03 38.3 +0.2

comp=Z, 201nm, 1.1s Newcastle Hard 26.63 229 P P 13 03 41.5 +1.4

comp=Z, 328nm, 1.8s Mangrove Creek 27.22 229 P P 13 03 46.8 +1.4

comp=Z, 328nm, 1.8s Charters Tower 27.67 259 P P 13 03 48.3 -1.4

comp=Z, 278nm, 1.9s Sydney Hard 27.77 228 P P 13 03 49.2 +0.9

comp=Z, 179nm, 1.1s Lake Taylor 26.06 185 P P 13 03 42.1

comp=Z, 30um, 21.0s Port Moresby 28.28 281 P P 13 03 55.0 -0.1

comp=Z, 27um, 18.6s, baz=84, slow=35 Port Moresby 28.28 281 P P 13 03 54.7 -0.4

comp=Z, 149nm, 1.1s Port Moresby 28.28 281 P P 13 04 00.4

comp=Z, 25um, 19.0s Port Moresby 28.28 281 P P 13 03 55.7 +0.6

comp=Z, 278nm, 1.9s Oathua Downs 28.46 187 P P 13 03 56.4 0.0

comp=Z, 224nm, 1.3s Wanaka 28.47 189 P P 13 03 57.4 +0.9

comp=Z, 24um, 20.0s Pohnpei 28.80 323 P P 13 03 60.0 +0.3

comp=Z, 24um, 22.0s Pohnpei 29.51 263 P P 13 04 05.8 -0.3

comp=Z, 164nm, 1.0s Mout Surprise 29.51 263 P P 13 04 06.5 +0.4

comp=Z, 164nm, 1.0s Canberra Magne 29.55 226 P P 13 04 07.3 +1.0

comp=Z, 126nm, 1.2s Wether Hill 29.68 190 P P 13 04 07.3 +0.1

comp=Z, 21um, 20.0s Pohnpei 28.80 323 P P 13 04 08.2 -0.4

comp=Z, 110nm, 1.4s Canberra 29.81 227 P P 13 04 08.2 -0.4

comp=Z, 25um, 22.0s Puysegur Point 30.18 192 IAMS_20 IAMS_20 13 03 53.0

comp=Z, 30um, SNR=15 Quilpie 30.35 246 P P 13 04 13.1 -0.3

comp=Z, 27um, 19.0s Quilpie 30.35 246 P P 13 04 12.9 -0.5

comp=Z, 24um, 22.0s Cobar Meteor 30.59 236 P P 13 04 15.6 -0.2

comp=Z, 24um, 22.0s Cobar Meteor 30.59 236 P P 13 04 15.3 -0.1

comp=Z, 164nm, 1.4s Mila Surprise 30.64 224 P P 13 04 16.7 +0.8

comp=Z, 36nm, 1.4s Coen 31.02 271 P P 13 04 18.4 -1.1

comp=Z, 164nm, 1.4s Coen 31.02 271 P P 13 04 19.0 -0.4

comp=Z, 164nm, 1.4s Manu Island 31.06 295 IAMS_20 IAMS_20 13 04 22.1

comp=Z, 305nm, 2.0s Toolangi 33.39 226 P P 13 04 40.1 +0.1

comp=Z, 33nm, SNR=15 Toolangi 33.39 226 P P 13 04 39.8 -0.2

comp=Z, 88nm, 1.1s Toolangi 33.39 226 P P 13 04 39.8 -0.2

comp=Z, 88nm, 1.1s Toolangi 33.39 226 P P 13 04 41.6

comp=Z, 88nm, 1.1s Toolangi 33.39 226 P P 13 04 40.4 +0.4

comp=Z, 88nm, 1.1s Paea 33.39 97 eP P 13 04 45.4 +0.3

comp=Z, 36nm, 1.4s Papeete 33.61 97 eP P 13 04 46.0 +3.8

comp=Z, 164nm, 1.4s PPT2 33.61 97 eS S 13 03 05.2 +0.2

comp=Z, 6um, 27.2s PPT2 eLQ LQ 13 12 12.0

comp=Z, 56um, 26.5s PPT2 eLR LR 13 13 40.1

comp=Z, 46um, 26.2s, baz=256 Papeete 33.61 97 P P 13 04 44.1 +2.0

comp=Z, 54nm, 1.0s, baz=304, slow=11, SNR=3.0 Papeete 33.61 97 P P 13 04 44.1 +2.0

POHA	Pohakuloa	41.03 33	P	P	13 40 02.1	0.0
DHH	Diamond Head	41.18 29	P	P	13 40 03.8	+0.8
KIP	Kipapa	41.22 29f	eP	P	13 40 03.8	+0.8
WNR	Mount Arapiles	41.28 29	P	P	13 40 04.9	+1.1
JAY	Jayapura	42.83 283	P	P	13 40 17.0	+0.6
JAY	Jayapura	42.83 283	P	P	13 40 17.0	+0.6
HTT	Hallett	43.10 237	P	P	13 40 18.0	-0.3
GENI	Genyem	43.21 283	P	P	13 40 20.9	+0.8
SMOI	Sarmi	44.88 283	P	P	13 40 33.0	+0.6
BBOO	Buckleboo	45.30 239	P	P	13 40 35.1	-0.4
WR0	Warramunga Arr	45.61 257	P	P	13 40 38.7	-0.8
WRAB	Tennant Creek	45.79 257	eP	P	13 40 38.4	-1.0
WRAB	Tennant Creek	45.79 257	P	P	13 40 38.2	-1.2
WRA	Warramunga Arr	45.80 257	P	P	13 40 38.5	-1.0
WRA	Warramunga Arr	46.18 252	P	P	13 40 38.5	-1.0
ASAR	Alice Springs	46.18 252	P	P	13 40 42.2	-0.2
ASAR	Alice Springs	46.18 252	P	P	13 40 41.9	-0.5
ASPA	Alice Springs	46.18 252	P	P	13 40 42.1	-0.4
GUMO	Guam	46.74 306	P	P	13 40 46.8	+0.1
GUMO	Guam	46.74 306	P	P	13 40 47.9	+1.2
GUMO	Guam	46.74 306	P	P	13 40 47.9	+1.2
SRPI	Serui, Papua	47.25 282	P	P	13 40 52.2	+1.5
KDU	Kakadu	48.29 266	P	P	13 40 58.6	+0.1
MTN	Manton Dam	49.55 266	P	P	13 41 08.1	+0.1
MTN	Manton Dam	49.55 266	P	P	13 41 07.5	-0.5
WRKI	Fak Fak	50.72 279	P	P	13 41 16.4	-0.2
WRKA	Warakuna	51.31 250	P	P	13 41 20.7	-0.2
KNRA	Kunururra	51.44 262	P	P	13 41 21.5	-0.4
KNRA	Kunururra	51.44 262	P	P	13 41 21.4	-0.4
FORT	Forrest	51.77 243	P	P	13 41 23.4	-0.7
FORT	Forrest	51.77 243	P	P	13 41 23.5	-0.6
SJL	Sorong	52.28 281	P	P	13 41 28.7	+0.6
SWI	Sorong	52.29 281	P	P	13 41 28.6	+0.5
FITZ	Fitzroy Crossi	54.13 258	P	P	13 41 41.4	+0.1
FITZ	Fitzroy Crossi	54.13 258	P	P	13 41 41.6	+0.2
LBMI	Labuŋa	55.93 280	P	P	13 41 55.3	+1.2
TNTI	Ternate	56.50 281	P	P	13 41 59.0	+1.0
TNTI	Ternate	56.50 281	P	P	13 41 58.2	+0.2
SOEI	Soe	56.73 268	P	P	13 42 01.3	+1.5
SANI	Sanana	56.96 278	P	P	13 42 00.9	-0.3
BATI	Baumata	57.23 268	P	P	13 42 04.9	+1.8
BATI	Baumata	57.23 268	P	P	13 42 04.9	+1.8
MMRI	Maumere	58.93 269	P	P	13 42 15.1	+0.4
MMRI	Maumere	58.93 269	P	P	13 42 14.5	-0.2
PSA00	Pilbara Seismi	59.23 254	P	P	13 42 15.8	-0.9
EDFI	Ende, Flores	59.43 269	P	P	13 42 17.6	-0.7
KMSI	Cibinong	59.65 280	P	P	13 42 19.7	+0.1
MEEK	Meekatharra	60.00 248	P	P	13 42 21.2	-0.7
GTOI	Gorontalo	60.59 280	P	P	13 42 27.0	+1.1
KLBR	Kellerberrin	60.62 242	P	P	13 42 25.2	-0.7
BSSI	Bau Bau, Buton	61.18 271	P	P	13 42 29.6	-0.3
APSI	Ampapa	61.44 277	P	P	13 42 32.1	+0.5
WBSI	Waikabubak, Su	61.46 267	P	P	13 42 31.7	-0.1
BLSU	Ballidu	61.53 243	P	P	13 42 31.3	-0.6
MURI	Muriska	61.56 279	P	P	13 42 32.2	-0.2
BKSI	Bulukumba	61.73 272	P	P	13 42 33.4	-0.1
MUN	Mundaring	61.93 242	P	P	13 42 34.7	+0.1
BNSI	Bone	61.98 273	P	P	13 42 35.8	+0.7
KAPI	Kappang	62.17 272	P	P	13 42 36.7	+0.3
KAPI	Kappang	62.17 272	P	P	13 42 36.2	-0.2
MORW	Morawa	62.17 245	P	P	13 42 35.7	-0.5
SPSI	Sidrap Palu	62.41 273	P	P	13 42 37.4	-0.6
TTSI	Tana Toraja	62.61 274	P	P	13 42 40.4	+1.2
JHUJ	Hachijo jima 2	62.83 320	P	P	13 42 40.6	+0.3
JHUJ	Hachijo jima 2	62.86 320	P	P	13 42 40.5	0.0
TOLJ	Toilitoi	62.86 279	P	P	13 42 40.3	-0.6
SBA	Scott Base	63.16 184	P	P	13 42 43.2	+1.5
SBA	Scott Base	63.16 184	P	P	13 42 43.2	+1.5
SBA	Plampang	63.19 268	P	P	13 42 43.3	+0.2
VNDA	Vanda	63.20 185	P	P	13 42 42.5	+0.5
VNDA	Vanda	63.20 185	P	P	13 42 42.5	+0.5
MPSI	Mapaga	63.47 278	P	P	13 42 44.8	-0.1
TWSI	Taliwang, Sumb	64.07 268	P	P	13 42 48.3	-0.5
RCT	Roxas	64.63 291f	eP	P	13 42 52.8	+0.5
JYP	Yasato	64.75 323	P	P	13 42 53.0	+0.4
JSG	Sagara	64.88 321	P	P	13 42 54.0	+0.5
IGBI	Indepasar	65.73 267	P	P	13 42 59.8	+0.5
SRBI	Singaraja	65.83 268	P	P	13 42 59.9	0.0
JGF	Kuroka	66.01 321	P	P	13 43 00.0	-0.6

JGF	comp=Z,40nm,0.8s	IAMB	IAMB	13 43 01.6
INU	Inuyama	66.05 321	P	P
KBKI	Kotabaru	66.06 273	P	P
MJAR	Matsushiro Arr	66.13 322	P	P
MJAR	Matsushiro Arr	66.15 322	P	P
MJAR	Matsushiro Arr	66.13 322	P	P
MJAR	Matsushiro Arr	66.13 322	P	P
MJAR	Matsushiro Arr	66.13 322	P	P
MAJO	Matsushiro	66.13 322c	P	P
MYLDM	Lahad Datu	66.29 283	P	P
LQP	Lukban	66.71 291f	eP	P
JAGI	Jajag, Banyuwa	66.77 267	P	P
JMN	Monobe	67.00 317	P	P
JWT	Wachi	67.00 320	P	P
JWT	Wachi	67.00 320	P	P
JSD	Sado	67.12 323	P	P
KMMI	Kaliangert	67.27 269	P	P
BBKI	Banjar Baru	67.30 273	P	P
BLJI	Banyuglugur	67.47 268	P	P
GMJI	Gumukmas	67.49 267	P	P
ISJU	Suzama	67.99 314	P	P
SPMM	Sapulut	68.06 282	P	P
JHS	Saijoo	68.28 318	P	P
NIKH	Nikolski High	68.31 6	P	P
JNU	Nakase	68.63 315	P	P
CASY	Casey	68.86 204	P	P
ASAJ	Asahikawa	69.21 331	P	P
UNV	Unasaka Valle	69.42 7	P	P
SKR	Severo-Kuril's	69.47 343	eP	P
SKR	Severo-Kuril's	69.47 343	eP	P
PCJR	Pacitan	69.69 267	P	P
WOJI	Wonogiri, Jawa	70.02 267	P	P
PBKI	Pangkalan Bun	70.55 273	P	P
PET	Petropavlovsk	70.91 345	eP	P
PET	Petropavlovsk	70.91 345	eP	P
PEA0B	Petropavlovsk	71.23 345	P	P
PETK	Petropavlovsk	71.23 345	P	P
PETK	Petropavlovsk	71.23 345	P	P
YSS	Yuzh-Sakhalins	71.29 333	eP	P
YSS	Yuzh-Sakhalins	71.29 333	eP	P
SSLB	Suangleung	71.31 302	P	P
SSLB	Suangleung	71.31 302	P	P
TPUB	Ta-pu	71.36 301	P	P
TPUB	Ta-pu	71.36 301	P	P
SBUM	Sibu	71.43 278	P	P
SBUM	Sibu	71.43 278	P	P
CHNA	Chernabura Isl	71.43 11	P	P
STKI	Sintang	71.47 275	P	P
SDPT	Sand Point	71.77 10	P	P
TEY	Ternei	72.84 328f	eP	P
TEY	Ternei	72.84 328f	eP	P
TJN	Taëjon	72.87 316	eP	P
CHGN	Chignik	73.04 11	P	P
CHGN	Chignik	73.04 11	P	P
CHGN	Chignik	73.04 11	P	P
KRSR	Korea Array	73.11 318	P	P
CHIR	Chirikof Islan	73.15 13	P	P
LEM	Lembang	73.44 267	P	P
VLA	Vladivostok	74.11 324c	P	P
VLA	Vladivostok	74.11 324c	P	P
SII	Sitkinak Islan	74.15 13	P	P
PKM	Mpherson Peak	74.16 46	P	P
HOPS	Hopland Field	74.23 41	P	P
TYV	Tymovskoe	74.33 55	eP	P
TYV	Tymovskoe	74.33 55	eP	P
USRK	Ussuriysk Ar.	74.74 325	P	P
QSPA	Sou Pole Qui	74.85 180	P	P
OHAK	Old Harbor	74.95 13	P	P
ARVC	Arvin	74.97 47	P	P
002D	Mt. Diablo Mer	75.09 40	P	P
YES	Vestal, Richgr	75.16 46	P	P
CGJI	Cibinong	75.35 267	P	P
MURC	Murrieta	75.36 49	P	P
EDW2	Edwards Air Fo	75.43 47	P	P
ISA	Isabella, Lake	75.49 46	P	P
MONP2	Monument Peak	75.50 40	P	P
N02D	Trinity Center	75.60 40	P	P
KDAK	Kodiak Island	75.62 14	P	P
KDAK	Kodiak Island	75.62 14	P	P
KDAK	Kodiak Island	75.62 14	P	P
KDAK	Kodiak Island	75.62 14	P	P
IKP	In-Ka-Pah, Jac	75.70 50	P	P
LOZE	Cave Junction	75.74 38	P	P
M02C	Callahan	75.75 39	P	P
O03E	Paynes Creek	75.78 41	P	P
BBRC	Big Bear Solar	75.89 48	P	P
PFO	Pinyon Flats O	75.91 49	P	P
TPFO	Pinon Flats	75.91 49	P	P
LRMC	Laurel Mtn Rad	75.95 47	P	P

K02D	Willamette Mer	76.02 38	P	P	13 44 01.5	+1.5
PPBI	Pangkal Pinang	76.03 272	P	P	13 44 01.4	+0.8
YBH	Yreka Blue Hor	76.03 39	P	P	13 44 01.6	+1.5
YBH	Yreka Blue Hor	76.03 39	P	P	13 44 01.6	+1.5
YBH	Yreka Blue Hor	76.03 39	P	P	13 44 01.6	+1.5
SWSC	Sam W. Stewart	76.07 50	P	P	13 44 01.6	+1.3
RRX	Edison Barstow	76.14 48	P	P	13 44 01.9	+1.1
J01E	Myrtle Point	76.14 37	P	P	13 44 01.8	+1.3
CWC	Cottonwood Cre	76.17 46	P	P	13 44 02.4	+1.3
MLAC	Mammoth, Mammo	76.27 44	P	P	13 44 03.2	+1.6
MDJ	Mudanjiang	76.34 324	P	P	13 44 02.7	+1.1
MDJ	Mudanjiang	76.34 324	P	P	13 44 02.7	+1.1
TIN	Tinemaha, 4s	76.38 45	P	P	13 44 03.6	+1.5
MPMC	Manual Prospec	76.38 46	P	P	13 44 03.8	+1.5
BELC	Belle Mtn. Jos	76.43 49	P	P	13 44 03.8	+1.2
Q19K	Cape Douglas,	76.44 13	P	P	13 44 02.0	+0.2
GSC	Goldstone, Bar	76.49 47	P	P	13 43 03.7	+0.9
PNTR	Pine Nut	76.53 43	P	P	13 44 04.7	+1.6
PNTR	Pine Nut	76.53 43	P	P	13 44 04.7	+1.6
P18K	Big Mountain,	76.54 12	P	P	13 44 02.5	+0.1
P18K	Big Mountain,	76.54 12	P	P	13 44 02.6	+0.1
L04D	Klamath Falls	76.56 39	P			

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like OBN VRH, VYHS Vyhne, and many others.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VYHS Vyhne, VYHS Vyhne, and many others.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MOTA, OBKA Obir, and many others.

IDC 09 13:33:13.7:1.7.4.0.7S:129.50E,h0km,mb3.8/1,mb1.3.9/4,mb1m3.1/47,mbtm3.8/4,ML3.6/3 Error ellipse: s-maj=51.12km s-min=25.5km az=91.0, Band Sea

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

BLWY iS Sn 13.41 33.8 -6.1

TAP 09 13:45:12.6,24:76N:122:32E,h7km,1km,ML2.9,C
JMA 09 13:45:13.2,0.1,24:84N:122:33E,h42km,3km,ML2.4
ISC 09 13:45:13.4,1.1,24:79N:0:03:122:33E:0:02,h19km,3km,
n36,c0571/67,Taiwan region

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

DJA 09 13:46:00.3,1.3,4'S:13*12'9E, h10km, M3.3/6,
MLV3.3/6
IDC 09 13:46:05.0,1.7,4'21S:130:59E,h0km,mb3.4/1,
mb1.3/6.4,mb1m3.2/55,mbtmp3.4/4,ML3.5/2,Error
ellipse: s-maj=79.4km s-min=23.9km az=87.0
ISC 09 13:46:03.6,1.3,4.09S:0:10:129:29E:0:08,h35km,n7,
c0539/7,Banda Sea

TAP 09 13:46:25.0,24:79N:122:31E,h10km,ML2.8,C
JMA 09 13:46:26.4,0.1,24:78N:122:34E,h41km,4km
ISC 09 13:46:25.3,1.1,24:82N:0:03:122:37E:0:02,h20km,4km,
n62,c0542/119,Taiwan region

Main table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their parameters.

Table with columns: TYC, Yuchr, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their parameters.

IDC 09 13:48:31.3,1.3,4'09S:129:52E,h0km,mb3.9/2,
mb1.3/9.6,mb1m3.5/51,mbtmp3.8/6,ML3.4/4,Error
ellipse: s-maj=44.3km s-min=21.8km az=89.0
NEIC 09 13:48:34.1,2.0,4'05S:0:06:129:55E:0:09,h10km,1km,
mb4.1/13,Error ellipse: s-maj=18.0km s-min=5.6km
az=299.0
DJA 09 13:48:34.7,2.7,4'S:12*13'0E, h17km,23km, M3.4/4,
MLV3.4/4
ISC 09 13:48:36.6,0.7,4'07S:0:07:129:51E:0:05,h36km,n28,
c1548/29,mb4.0/4,Banda Sea

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

IDC 09 13:51:43.8,1.3,4'11S:129:52E,h0km,mb3.9/5,
mb1.4/0.8,mb1m3.7/40,mbtmp3.8/8,ML3.5/3,Error
ellipse: s-maj=37.0km s-min=22.6km az=90.0
DJA 09 13:51:47.5,1.4,4'S:15*12'9E, h55km,35km, M3.7/6,
MLV3.7/6
ISC 09 13:51:48.3,1.0,4'21S:0:09:129:46E:0:07,h36km,n13,
c0597/14,mb3.9/5,Banda Sea

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

9d 14h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SCM Sheep Creek Mo, NEY Neytrino, TOLK Toolik Lake Re, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DUG Dugway, Tooele, BW06 Boulder Array, PDAR Pinedale Array, etc.

500

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes NEIC 09 14:16:34.2, 2.1, 4.05S; 07:129.6E; 0.1, 10km, 1km, etc.

MKAR Makanchi Array 65.86 326 P P 14 34 41.1 +0.7

IDC 09 14:25:39.6:1.8, 4.06S:129.11E, h0km, mb3.0/2, mb1 3.3/4, mb1mx2.8/5.1, mbtmp3.2/4, ML2.7/2, Error ellipse: s-maj=50.2km s-min=27.0km az=93.0, Banda Sea

IDC 09 14:26:46.2:1.8, 4.06S:128.99E, h0km, mb3.2/2, mb1 3.6/4, mb1mx3.2/5.0, mbtmp3.4/4, ML3.0/2, Error ellipse: s-maj=58.1km s-min=28.6km az=81.0, Banda Sea

IDC 09 14:26:55.8:0.9, 16.83S:174.94E, h0km, mb4.1/9, mb1 4.4/10, mb1mx3.8/5.0, mbtmp4.0/10, ML3.5/1, MS4.2/6, Ms1 4.2/6, ms1mx3.7/4.7, Error ellipse: s-maj=43.9km s-min=19.5km az=161.0

IDC 09 14:27:00.9:0.8, 17.05S:175.0E:0.1, h35km, n27, r1911/11, mb4.0/9, MS4.2/7, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include MSVF Nonsavu, DZM Mont Dzumac, RAO Raoul Island, HNR Honiara, URZ Urewera, RAR Rarotonga, PMG Port Moresby, STKA Stephens Creek, PPT2 Papeete, PPT Papeete, TBI Tubuai, H1S12 WAKE ISLAND Hy 36.18 347 T, H1S13 WAKE ISLAND Hy 36.19 347 T, H1S11 WAKE ISLAND Hy 36.20 347 T, H1H11 WAKE ISLAND Hy 37.33 347 T, H1H13 WAKE ISLAND Hy 37.33 347 T, H1H12 WAKE ISLAND Hy 37.34 347 T, WRA Warrungarra Arr 38.65 259 P, ASAR Alice Springs 39.04 253 P, TAOE Nuku Hiva Isla 44.34 85 eLR, CMAR Chiang Mai Arr 82.70 292 P, NVAR Mina Array Bea 83.22 47 P, ILAR Eielson Array 86.52 15 P, SONM Songo Array 88.83 321 P, TXAR Lajitas Array 90.86 60 P, PDAR Pinedale Array 91.08 45 P, GERES GERES Array B 144.76 339 PKP

IDC 09 14:27:27.6:1.6, 4.14S:129.19E, h0km, mb3.5/1, mb1 3.8/4, mb1mx3.1/4.8, mbtmp3.6/4, ML3.4/3, Error ellipse: s-maj=57.4km s-min=27.5km az=81.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include SIJU Sorong, SIJU Sorong, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, CMAR Chiang Mai Arr, NVAR Mina Array Bea, ILAR Eielson Array, SONM Songo Array, TXAR Lajitas Array, PDAR Pinedale Array, GERES GERES Array B

IDC 09 14:29:22.2:1.7, 4.26S:129.64E, h0km, mb3.5/1, mb1 3.3/4, mb1mx3.0/4.8, mbtmp3.2/4, ML2.6/2, Error ellipse: s-maj=53.6km s-min=26.0km az=90.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include SIJU Sorong, SIJU Sorong, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, CMAR Chiang Mai Arr, NVAR Mina Array Bea, ILAR Eielson Array, SONM Songo Array, TXAR Lajitas Array, PDAR Pinedale Array, GERES GERES Array B

IDC 09 14:30:38.5:1.6, 4.17S:129.59E, h0km, mb3.5/1, mb1 3.6/4, mb1mx2.9/4.9, mbtmp3.4/4, ML3.2/3, Error ellipse: s-maj=62.3km s-min=27.5km az=82.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include SIJU Sorong, SIJU Sorong, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, CMAR Chiang Mai Arr, NVAR Mina Array Bea, ILAR Eielson Array, SONM Songo Array, TXAR Lajitas Array, PDAR Pinedale Array, GERES GERES Array B

DJA 09 14:31:47.9:0.8, 4.1S:102.9E, h10km, M3.9/3, mb5.0/2, mb5.3/1, ML3.3/4, Mw(MB)4.8/7, IDC 09 14:31:50.6:4.2, 4.14S:129.60E, h35km, 40km, mb3.8/5, mb1 3.9/10, mb1mx3.4/5.0, mbtmp3.9/10, ML3.7/5, Error

ellipse: s-maj=36.9km s-min=19.9km az=102.0, ISC 09 14:31:50.7:0.8, 4.12S:102.07E:0.08, h36km, n16, r1517/17, mb4.2/5, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include MSAI Masohi, AAI Ambon, FAKI Fak Fak, SIJU Sorong, SIJU Sorong, SWI Sorong, LBMI Labuha, SANI Sanana, BATI Baumata, FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, KRSR Korea Array, MKAR Makanchi Array, ZALV Zalesovo Beam, SEY Seymchan

IDC 09 14:36:40.4:1.4, 4.18S:129.45E, h0km, mb3.9/2, mb1 3.7/5, mb1mx3.1/4.6, mbtmp3.6/5, ML3.2/3, MS4.1/1, Ms4.1/1, ms1mx3.1/3.9, Error ellipse: s-maj=55.9km s-min=25.6km az=78.0

DJA 09 14:36:45.3:2.9, 4.1S:13.2E, h25km, 28km, M3.1/3, ML3.3/3, IDC 09 14:36:45.7:1.0, 4.07S:108.129.48E:0.06, h36km, n12, r168/13, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include MSAI Masohi, AAI Ambon, FAKI Fak Fak, SIJU Sorong, SIJU Sorong, SWI Sorong, LBMI Labuha, SANI Sanana, FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam

IDC 09 14:38:45.0:1.8, 4.08S:129.60E, h0km, mb3.6/1, mb1 3.5/4, mb1mx2.9/4.4, mbtmp3.4/4, ML3.3/3, Error ellipse: s-maj=58.0km s-min=28.3km az=84.0, Banda Sea

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

IDC 09 14:41:30.9:1.8, 4.11S:129.48E, h0km, mb3.2/1, mb1 3.3/4, mb1mx2.8/4.4, mbtmp3.1/4, ML3.0/3, Error ellipse: s-maj=58.1km s-min=28.3km az=84.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include SIJU Sorong, SIJU Sorong, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array

IDC 09 14:44:08.0:0.7, 16.73S:174.95E, h0km, mb4.2/15, mb1 4.5/16, mb1mx4.2/4.1, mbtmp4.2/16, ML5.0/1, MS4.4/7, Ms4.4/7, ms1mx4.1/2.9, Error ellipse: s-maj=23.6km s-min=17.3km az=152.0

NEIC 09 14:44:11.5:2.1, 16.8S:0.1:1.75:17E:0.08, h11km, 4km, mb4.8/19, Error ellipse: s-maj=16.5km s-min=11.3km az=168.0

GMCT 09 14:44:14.5:0.4, 16.70S:0.02:1.75:07E:0.02, h12km, MW5.2/82, Moment Tensor Solution, s,c,3; s2,c2,c10; Duration: 1s0 Moment tensor: Scale 10^16Nm; Mn:0.40e.45; Mb:0.74e.41; Mpp:4.34e.33; Mm:0.45e.122; Mm:0.39e.31; Mpp:1.95e.19; Best double couple: Mb:0.0940x10^16 Np1:253.00000, 876.00000; 2.00000, NP2:162.00000, 868.00000, 1.166.00000; Principal axes: T=29324, P12:12.0000, Azm:16.0000; N:0.2820, P1g:75.0000, Azm:334.0000; P: -8.2350, P1g:9.0000, Azm:208.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 09 14:44:14.4:0.4, 16.73S:0.08:1.75:07E:0.09, h35km, n74, r1525/60, mb4.6/24, MS4.5/7, 1C, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, DZM Mont Dzumac, DZM Mont Dzumac, ONTC Owen Toro, RAO Raoul Island, HNR Honiara, OUZ Omahuta, URZ Urewera, URZ Urewera, URZ Urewera, RAR Rarotonga, THZ Tophease, LTZ Lake Taylor

LTZ Lake Taylor Iamb Iamb 14 50 14.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include PPT2 Papeete, PPT Papeete, STKA Stephens Creek, STKA Stephens Creek, TBI Tubuai, H1S12 WAKE ISLAND Hy 35.95 346 T, H1S13 WAKE ISLAND Hy 35.96 346 T, H1S11 WAKE ISLAND Hy 35.97 346 T, JAYAPA Jayapura, H1J1 WAKE ISLAND Hy 36.59 289 LR, H1H11 WAKE ISLAND Hy 37.09 347 T, H1H13 WAKE ISLAND Hy 37.09 347 T, H1H12 WAKE ISLAND Hy 37.11 347 T, WBO Warrungarra Arr 38.66 259 P, WRAB Tennant Creek 38.69 259 P, WRA Warrungarra Arr 38.70 259 P, WRA Warrungarra Arr 38.70 259 P, AS31 Alice Springs 39.12 253 P, ASAR Alice Springs 39.12 253 P, ASAR Alice Springs 39.12 253 P, ASAR Alice Springs 39.12 253 P, TAOE Nuku Hiva Isla 44.31 86 eLR, FITZ Fitzroy Crossi 47.05 261 P, VANDA Vanda 61.07 183 P, SBA Scott Base 61.28 182 P, CASY Casey 64.63 204 P, KRSR Korea Array 69.78 322 P, PETK Petropavlovsk 71.15 349 P, QSPA South Pole Qui 73.18 180 P, KLR Kuludur 76.05 332 P, CM31 Chiang Mai Arr 82.62 292 P, CMAR Chiang Mai Arr 82.62 292 P, CHTO Chiang Mai 82.74 292 P, NVAR Mina Array Bea 83.04 47 P, RND Reindeer 84.67 15 P, IL31 Eielson Array 86.29 15 P, ILAR Eielson Array 86.29 15 P, Q16A Castle Valley 88.30 49 P, HUIJ Hansel Valley 88.32 45 P, SONM Songo Array 88.65 321 P, SYO Syowa Base 88.81 1951 eP, TXAR Lajitas Array 90.73 60 P, PDAR Pinedale Array 90.90 45 P, SNA3 Sanae 91.81 181 P, VNA3 Neumayer Olymp 92.19 178 P, VNA2 Neumayer Watz 92.55 179 P, VNA1 Neumayer-Stat 92.81 179 P, YKA Yellowknife Arr 95.96 26 P, KHC Kasperske Hory 144.34 339 ePKP, CKRC Cesky Krumlov 145.34 338 ePKP, GERES GERES Array B 144.54 339 PKP, ARSA Arzberg 145.18 335 eP, SOKA Soboth 145.84 335 eP, MYKA Mykka 146.43 337 eP, WATA Walderalm 146.57 339 eP, WTTA Wattenberg 146.61 339 eP, MOTA Moosalm 146.72 340 eP, MOTA Moosalm 146.72 340 eP, ABTA Abfattersberg 146.75 338 eP, FETA Feichten 147.12 340 eP, DAVA Darnul 147.16 341 eP, IDC 09 14:45:45.9:1.7, 4.10S:129.21E, h0km, mb3.4/1, mb1 3.3/4, mb1mx3.0/3.9, mbtmp3.2/4, ML2.8/3, Error ellipse: s-maj=56.6km s-min=28.3km az=83.0, Banda Sea

IDC 09 14:47:44.9:0.6, 4.4S:16.29E, h10km, M3.8/7, mb3.9/1, ML3.7/7, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include MSAI Masohi, AAI Ambon, FAKI Fak Fak, SWI Sorong, SANI Sanana, SWEI Soe, VAO 09 14:49:53.1:0.3, 10.68S:43.86W, h0km, mbr3.8, IDC 09 14:49:53.2:1.6, 10.87S:43.78W, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.5/2.5, mbtmp3.6/3, ML3.9/1, Error ellipse: s-maj=55.0km s-min=21.3km az=136.0, IDC 09 14:49:54.4:0.8, 10.74S:0.07:43.85W:0.08, h10km, n28, r191/31, Brazil

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like COLA, PRGR, H24K, POKR, HDA, M24K, ILAR, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like MNC, BOS, JETT, NACGM, STEJ, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like BGNE, CBKS, AMTX, TXAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like PAGZ, DCPH, SNPH, etc.

DJA 09 15:12:37.2:0.8, 4.5:9.9:12.9E, h10km, M4.4/8, mb4.9/2, 0.0:1.1/6
NEIC 09 15:12:38.8:2.3:98S:0.06:129.56E:0.07, h10km, 1km, mb4.4/31, Error ellipse: s-maj=12.2km s-min=10.4km

az=117.0
IDC 09 15:12:41.5:1.9, 4.07S:129.72E, h41km, 18km, mb4.0/12,
mb1 4.1/17, mb1mx3.9/36, mbtmp4.2/17, ML4.0/5, Error
ellipse: s-maj=20.6km s-min=11.5km az=104.0

ISC 09 15:12:41.0:0.5, 4.09S:129.55E:0.06, h36km, n68,
a152/69, mb4.4/23, Banda Sea

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

EAf 09 15:12:47.1:0.9, 25.67S:29.42E, h10km, MD3.8
BUL 09 15:12:47.2:1.2, 25.88S:29.40E, h10km, MD4.1, South Africa

ISC 09 15:20:25.3:0.9, 4.12S:129.49E:0.07, h36km, n9,
a233/11, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ISC 09 15:20:25.3.

IDC 09 15:23:05.3:1.8, 4.07S:129.34E, h0km, mb3.4/1,
mb1 3.3/4, mb1mx2.9/41, mbtmp3.2/4, ML2.9/2, Error
ellipse: s-maj=56.9km s-min=29.3km az=84.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for IDC 09 15:23:05.3.

IDC 09 15:25:25.7:3.8, 4.02S:129.72E, h70km, 48km, mb3.4/3,
mb1 3.7/6, mb1mx3.1/45, mbtmp3.8/6, ML3.8/3, Error
ellipse: s-maj=56.9km s-min=18.5km az=92.0

ISC 09 15:25:21.8:0.9, 4.23S:129.60E:0.2, h36km, n7,
a194/83, mb3.8/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ISC 09 15:25:21.8.

DJA 09 15:30:14.0:1.4, 4.1S:13.130E:1, h10km, M4.4/8, mb4.9/1,
MLV4.2/8

NEIC 09 15:30:23.1:2.2, 4.02S:129.59E:0.08, h28km, 1km,
mb4.4/21, Error ellipse: s-maj=11.5km s-min=10.3km
az=120.0

IDC 09 15:30:23.8:1.7, 4.08S:129.66E, h46km, 15km, mb4.0/12,
mb1 4.0/17, mb1mx3.7/50, mbtmp4.2/17, ML3.7/5, Error
ellipse: s-maj=24.8km s-min=12.7km az=118.0

ISC 09 15:30:23.1:0.5, 4.04S:129.51E:0.07, h36km, n56,
a161/56, mb4.4/21, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ISC 09 15:30:23.1.

comp=2.4, 9nm, 0.8s, baz=216, slow=4.1, SNR=12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for comp=2.4.

INET 09 15:36:03.6, 10.66N:87.36W, h15km, ML3.7, MW3.8, Off
coast of Costa Rica

DJA 09 15:39:37.5:0.7, 4.1S:129.12E:1, h10km, M4.0/7, MLV4.0/7
NEIC 09 15:39:37.1:1.9, 4.20S:108.129E:0.1, h10km, 1km,
mb4.1/16, Error ellipse: s-maj=18.5km s-min=12.7km
az=93.0

IDC 09 15:39:39.2:2.4, 4.34S:129.76E, h44km, 27km, mb3.7/5,
mb1 3.9/10, mb1mx3.6/36, mbtmp4.0/10, ML3.4/5, Error
ellipse: s-maj=36.3km s-min=20.2km az=98.0

ISC 09 15:39:39.4:0.5, 4.16S:102.06E:0.29, h36km, n52,
a197/54, mb4.1/9, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ISC 09 15:39:39.4.

9d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ESDC, EBAD, EBAD, MESJ, MORF, PFAV, PTEO, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI, SIJI, KNRA, FITZ, WRAB, WRA, WB2, COEN, etc.

512

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WB2, COEN, PSAO, AS31, etc.

IDC 09 16:42:45.4-0.9, 4.20S: 129.62E, h0km, mb4.1/9, mb1 4.2/13, mb1mx4.0/34, mbtmp4.1/13, ML3.7/4, Error ellipse: s-maj=29.9km s-min=18.1km az=95.0

NEIC 09 16:42:47.9-2.1, 4.21S: 129.60E-0.08, h10km, mb4.4/21, Error ellipse: s-maj=13.3km s-min=8.6km az=269.0

DJA 09 16:42:48.7-2.6, 4.3S: 18.12E, h13km, 1.1km, M3.8/6, MLV3.8/6

IDC 09 16:42:50.6-0.5, 4.21S: 129.50E-0.06, h36km, n49, s105/51, mb4.2/18, Banda Sea

IDC 09 16:46:25.9-2.9, 3.90S: 129.88E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.4/30, mbtmp3.9/3, Error ellipse: s-maj=15.1km s-min=3.2km az=66.0

NEIC 09 16:46:25.7-1.1, 4.06S: 129.130E-0.1, h10km, mb4.1/5, Error ellipse: s-maj=26.6km s-min=10.0km az=119.0

IDC 09 16:46:28.3-0.8, 4.08S: 129.130E-0.1, h35km, n13, s173/13, mb4.0/4, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI, MTN, AS31, ASAR, etc.

IDC 09 16:46:52.5-1.7, 4.26S: 129.31E, h0km, mb3.8/1, mb1 4.2/4, mb1mx3.5/32, mbtmp4.0/4, ML3.9/3, MS3.5/1, Ms1 3.5/1, ms1mx2.8/29, Error ellipse: s-maj=60.0km s-min=27.9km az=83.0

NEIC 09 16:46:56.0-1.4, 4.35S: 0.1, 129.4E: 0.1, h25km, mb4.0/8, Error ellipse: s-maj=20.6km s-min=17.2km az=104.0

IDC 09 16:46:56.7-0.8, 4.36S: 129.4E: 0.1, h35km, n17, s089/17, mb4.1/3, Banda Sea

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

IDC 09 16:47:32.9-1.1, 4.15S: 129.53E, h0km, mb4.0/7, mb1 4.2/11, mb1mx3.9/30, mbtmp4.0/11, ML3.8/4, MS3.5/1, Ms1 3.5/1, ms1mx2.8/28, Error ellipse: s-maj=35.6km s-min=20.5km az=89.0

NEIC 09 16:47:34.4-1.9, 4.16S: 129.52E: 0.08, h10km, mb4.3/12, Error ellipse: s-maj=13.4km s-min=12.5km az=246.0

IDC 09 16:47:37.2-0.6, 4.24S: 129.58E: 0.09, h36km, n32, s083/32, mb4.0/10, Banda Sea

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

IDC 09 16:50:45.8-1.7, 4.03S: 129.48E, h0km, mb3.9/2, mb1 4.0/4, mb1mx3.5/27, mbtmp3.9/4, ML3.9/2, Error ellipse: s-maj=39.7km s-min=28.5km az=92.0

NEIC 09 16:50:47.4-0.3, 4.00S: 129.51E: 0.09, h10km, mb4.2/7, Error ellipse: s-maj=17.1km s-min=7.3km az=239.0

IDC 09 16:50:50.0-0.7, 4.09S: 129.52E: 0.09, h36km, n15, s068/16, mb4.1/6, Banda Sea

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

IDC 09 16:51:49.5-1.8, 4.12S: 129.29E, h0km, mb3.7/1, mb1 4.1/4, mb1mx3.5/28, mbtmp3.9/4, ML3.9/3, Error ellipse: s-maj=59.6km s-min=28.5km az=83.0

NEIC 09 16:51:50.4-1.5, 4.15S: 129.5E: 0.1, h6km, mb4.0/7, Error ellipse: s-maj=18.4km s-min=16.9km az=160.0

IDC 09 16:51:53.8-0.9, 4.20S: 129.5E: 0.1, h36km, n14, s096/16, mb3.9/4, Banda Sea

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

IDC 09 16:58:23.8-1.5, 4.01S: 129.77E, h0km, mb3.7/1, mb1 3.6/5, mb1mx3.2/29, mbtmp3.5/5, ML3.1/4, Error ellipse: s-maj=49.8km s-min=22.4km az=92.0

IDC 09 16:58:25.2-1.1, 4.05S: 129.8E: 0.2, h10km, n5, s050/6, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:10:31.21.5, 4.24S; 129.67E, h0km, mb3.8/2, mb1.4/6, mb1mx3.7/31, mbtmp4.0/6, ML3.9/4, Error ellipse: s-maj=49.7km s-min=23.8km az=94.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:10:44.01.11.0, 4.93S; 129.80E, h0km, mb4.1/4, mb1.4/2.5, mb1mx3.7/27, mbtmp4.1/5, ML3.9/1, Error ellipse: s-maj=238.1km s-min=47.1km az=147.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:16:49.41.1.5, 4.12S; 129.38E, h0km, mb3.5/2, mb1.3/6.5, mb1mx3.4/28, mbtmp3.4/5, ML3.1/3, Error ellipse: s-maj=48.4km s-min=25.9km az=73.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:18:11.1.4.4, 5.74S; 146.98E, h172km, 55km, mb3.0/3, mb1.3/1.5, mb1mx2.8/28, mbtmp3.5/5, Error ellipse: s-maj=81.9km s-min=35.3km az=118.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:22:19.1.1.5, 4.21S; 129.55E, h0km, mb3.7/2, mb1.3/6.5, mb1mx3.0/41, mbtmp3.5/5, ML3.0/3, Error ellipse: s-maj=59.3km s-min=26.2km az=78.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:23:27.8.1.0, 4.19S; 129.50E, h0km, mb4.0/6, mb1.3/9/10, mb1mx3.5/43, mbtmp3.8/10, ML3.4/4, Error ellipse: s-maj=44.3km s-min=18.6km az=73.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:25:36.8.1.3, 4.06S; 129.44E, h0km, mb3.9/4, mb1.3/8.8, mb1mx3.5/46, mbtmp3.7/8, ML3.1/4, Error ellipse: s-maj=44.6km s-min=22.9km az=77.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for FAKI Fak Fak 2.85 64 Pn, SIJI Sorong 3.65 26 Pn, SIJI Sorong 3.71 23 Op.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:26:17.4.1.1, 4.06S; 129.46E, h0km, mb3.7/6, mb1.3/7.7, mb1mx3.2/47, mbtmp3.6/7, ML3.5/2, Error ellipse: s-maj=111.0km s-min=26.3km az=69.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:28:43.9.1.5, 4.40S; 129.23E, h0km, mb3.6/2, mb1.3/5.5, mb1mx3.0/51, mbtmp3.4/5, ML3.0/2, Error ellipse: s-maj=57.6km s-min=27.9km az=78.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:29:50.0.1.2, 4.26S; 129.53E, h0km, mb3.7/6, mb1.3/9/10, mb1mx3.4/52, mbtmp3.7/10, ML3.6/4, Error ellipse: s-maj=48.3km s-min=22.0km az=79.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:34:19.1.1.8, 4.08S; 129.63E, h0km, mb3.0/1, mb1.3/3/4, mb1mx3.0/52, mbtmp3.1/4, ML3.1/2, Error ellipse: s-maj=51.0km s-min=25.7km az=91.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:35:54.0.1.2, 3.87S; 129.37E, h0km, mb3.4/2, mb1.3/5/5, mb1mx3.0/50, mbtmp3.4/5, ML3.1/3, MS3.4/1, Ms1.3/4/1, ms1mx2.6/23, Error ellipse: s-maj=55.1km s-min=26.4km az=79.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IDC 09 17:43:26.4.1.4, 4.28S; 129.50E, h0km, mb3.8/2, mb1.3/7.6, mb1mx3.4/41, mbtmp3.5/6, ML3.1/4, Error ellipse: s-maj=45.0km s-min=23.2km az=79.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for FITZ Fitzroy Crossi 14.22 196 Pn, WRA Warramunga Arr 16.16 164 Pn, ASAR Alice Springs 19.64 168 Pn.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NOU 09 17:47:08.9, 15.29S; 177.58W, h414km, mb4.5/64, Fiji Islands Region, IDC 09 17:47:09.0, 15.15S; 177.75W, h413km, 13km, mb3.9/16, mb1.4/0.18, mb1mx3.7/38, mbtmp4.7/18, Error ellipse: s-maj=20.2km s-min=10.7km az=152.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NIUE Niue 8.33 118 Pn, NIUE Niue 40.32 220 Pn, NIUE Devils Point 13.76 258 Pn.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for OZU Ouhatua 21.34 200 P, URZ Urewera 23.35 190 P, URZ Urewera 23.35 190 P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for OZU Ouhatua 21.34 200 P, URZ Urewera 23.35 190 P, URZ Urewera 23.35 190 P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for OZU Ouhatua 21.34 200 P, URZ Urewera 23.35 190 P, URZ Urewera 23.35 190 P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for OZU Ouhatua 21.34 200 P, URZ Urewera 23.35 190 P, URZ Urewera 23.35 190 P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBOO Buckleboe, WR0 Warramunga Arr, WB0 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, BR1R Keskin Array B, GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISC 09 18:10:21.6, 0.6, 6.83N, 0.03, 73.10W, etc.

Table with columns: ABKAR, Akbulak array, 79.98 321, P, P, 18 47 09.1 -0.4, 18 47 10.3, etc.

IDC 09 18:40:12.3:4.6, 5.88S:103.51'E, h0km, mb3.4/5, mb1 3.5/5, mb1mx3.0/44, mbtmp3.4/5, Error ellipse: s-maj=198.0km s-min=25.0km az=53.0

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

IDC 09 18:43:43.2:0.7, 9.5S:6.12'E, h93km, gkm, M3.7/9, mb3.9/2, mB5.0/2, MLV3.6/9, Mw(mB)4.3/2, Timor region

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

IDC 09 18:51:30.6:1.4, 4.17S:129.56E, h0km, mb3.7/2, mb1 3.8/5, mb1mx3.3/40, mbtmp3.6/5, ML3.3/3, Error ellipse: s-maj=39.2km s-min=23.8km az=83.0

IDC 09 18:51:33.3:1.1, 4.19S:129.47E:0.07, h36km, n11, c1544/12, Banda Sea

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

IDC 09 18:52:57.5:0.9, 16.87S:175.06E, h0km, mb4.2/10, mb1 4.3/11, mb1mx4.7/33, mbtmp4.1/11, ML4.3/1, MS3.6/12, Ms1 3.0/12, ms1mx3.0/42, Error ellipse: s-maj=39.0km s-min=18.0km az=162.0

IDC 09 18:53:02.5:0.7, 17.0S:0.2:175.2E:0.1, h35km, n20, c1933/13, mb4.2/10, MS3.5/11, Fiji Islands region

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

TXAR 1.3nm,0.8s,baz=230,slow=5.1,SNR=15 Lajitas Array 90.78 60 P P 19 06 05.0 +2.4

GERES GERES Array B 144.83339 PKP PKPdf 19 12 36.4 +0.4

IDC 09 18:59:13.5:2.7, 4.08S:129.88E, h0km, mb3.1/1, mb1 3.2/3, mb1mx3.1/32, mbtmp3.0/3, ML2.9/2, Error ellipse: s-maj=181.7km s-min=31.9km az=70.0, Banda Sea

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

IDC 09 19:03:38.7:2.1, 4.22S:129.29E, h0km, mb3.7/1, mb1 3.7/3, mb1mx3.4/25, mbtmp3.5/3, ML3.2/2, MS3.7/1, Ms1 3.7/1, ms1mx2.7/31, Error ellipse: s-maj=170.9km s-min=26.4km az=69.0

DJA 09 19:03:41.1:1.3, 4.2S:14.13'E, h10km, M3.4/7, IDC 09 19:03:40.0:1.0, 4.27S:0.09:129.49E:0.07, h10km, n11, c1939/10, Banda Sea

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

IDC 09 19:04:16.5:2.2, 3.88S:129.75E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.4/31, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=169.2km s-min=27.4km az=70.0, Seram

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

SOME 09 19:17:33.5, 38.28N:72.85E, h10km, MS4.9 IDC 09 19:17:34.6:0.5, 38.08N:72.91E, h0km, mb4.5/35, mb1 4.6/43, mb1mx4.5/38, mbtmp4.6/43, ML4.1/8, MS4.1/31, Ms1 4.1/31, ms1mx3.9/54, Error ellipse: s-maj=10.2km s-min=9.6km az=174.0

MOS 09 19:17:36.7:1.4, 38.18N:72.89E, h13km, mb5.2/41, MS4.4/8, Error ellipse: s-maj=4.3km s-min=3.0km az=90.3

KRNET 09 19:17:36.5:0.1, 38.29N:72.85E, mb5.4, NNC 09 19:17:37.5:2.5, 38.14N:73.14E, h0km, mb5.3, mpv5.0, Error ellipse: s-maj=20.2km s-min=15.9km az=159.0

NEIC 09 19:17:38.3:1.6, 38.37N:0.05:72.86E:0.07, h10km, 1km, mb5.0/139, Error ellipse: s-maj=11.1km s-min=6.4km az=230.0

BUI 09 19:17:39.6:0.0, 38.24N:73.12E, h7km, mB4.9/32, mb4.6/51, ML4.8/4, Ms4.6/46, Ms7.4/40

BGR 09 19:17:52.6:0.0, 38.23N:72.15E, h33km, mb4.8 IDC 09 19:17:39.6:0.1, 38.23N:72.93E:0.01, h13km, 2km, h13km:pp-P, n829, c1999/883, m5.0/183, MS4.3/42, 72C-73D, Tajikistan

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

Table with columns: EKS2, Erkin-Say, 4.48, 8 ePN, Pn, 19 18 47.5 +1.3, etc.

Table with columns: ILAR, comp-Z, LR, LR, 20 05 22.3, and various station names like Elison Array, KTH, L19K, L20K, etc.

Table with columns: YKA, Yellowknife Arr, 79.44 4 P, P, 19 29 42.5 -1.6, and various station names like Yellowknife Arr, Yellowknife Arr, BOSA, etc.

Table with columns: FAKI, Fak Fak, 2.94 64 P, Pn, 19 32 40.7 0.0, and various station names like Fak Fak, Sorong, SIJI, etc.

IDC 09 19:26:04.3:1.5, 4.10S:129.46E, h0km, mb3.8/3, mb1 4.1/6, mb1mx3.5/44, mbtmp3.9/6, ML3.8/3, Error ellipse: s-maj=46.1km s-min=25.3km az=82.0

DJA 09 19:26:06.5:0.7, 4.10S:133.0E, h10km, MS.8/6, MLv3.8/6

ISC 09 19:26:09.8:0.4, 4.07S:129.61E:0.06, h36km, n20, s=129/22, mb3.3/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station names like BNDI, MSAI, etc.

IDC 09 19:30:38.5:1.6, 4.07S:129.32E, h0km, mb3.4/1, mb1 3.4/4, mb1mx2.8/45, mbtmp3.2/4, ML3.1/3, Error ellipse: s-maj=57.1km s-min=27.5km az=82.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station names like SIJI, WRA, etc.

IDC 09 19:31:50.5:0.6, 4.33S:129.65E, h0km, mb4.3/15, mb1 4.4/19, mb1mx1.1/43, mbtmp4.3/19, ML4.0/4, MS3.7/10, Ms1 3.7/10, ms1mx3.4/38, Error ellipse: s-maj=28.0km s-min=13.2km az=76.0

NEIC 09 19:31:53.9:1.8, 4.16S:129.66E:0.06, h14km, 1km, mb4.7/41, Error ellipse: s-maj=9.3km s-min=8.7km az=82.0

DJA 09 19:31:54.7:0.2, 4.13S:133.0E, h10km, M4.5/32, mb4.7/32, mb5.1/17, MLv4.7/16, Mw(mb)4.4/17, MwMwp5.1/1, Mwmp5.3/1

ISC 09 19:31:56.5:0.4, 4.23S:129.61E:0.05, h36km, n136, s=186/144, mb4.6/38, MS3.8/7, 1C, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station names like BNDI, MSAI, etc.

Table with columns: MAJO, MAT, JYT, KSAR, KRSR, KSRS, KS19, JSD, JSD, JMM, BJT, BJI, BJI, LZH, LZH, LZH, LZH, HHC, HHC, HHC, CN2, CN2, CN2, USRK, USRK, LSA, LSA, GTA, GTA, GTA, GTA, KLR, HYB, ULN, ULN, SONM, SONM, NIUE, NIUE, WMQ, WMQ, WMQ, MK31, MK31, MKAR, MKAR, MKAR, YAK, YAK, ZAAO, ZAAO, ZALV, ZALV, ZALV, KURK, BRVK, BRVK, TIXI, TIXI, TIXI, MAW, MAW, NRIK, NRIK, ABKAR, ABKAR, ILAR, INK, SNA, AKASG, AKASG, TXAR, TORD, CPUP, LPAZ

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MSVF Nonsavu 2.76 110 Pn Pn 19 34 50.8 -1.4
MSVF 5.3nm,0.3s,baz=190,slow=23,SNR=19
MSVF 2.1nm,0.3s,baz=255,slow=19,SNR=4.7

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

Table with columns: AFI, HNR, URZ, URZ, URZ, PPT2, PPT, TBI, H11S2, H11S3, H11S1, WRA, WRA, WRA, ASAR, TAOE, FITZ, PETK, SEY, CMAR, CMAR, IL31, IL31, ILAR, SONM, TXAR, PDAR, PLCA, GERES

Code Station Name Az AzZ Phase ID Time Res h m s ISC
FITZ Fitzroy Crossi 14.14 196 Pn Pn 19 41 56.5 +0.1
WRA Warrungarra Arr 16.12 162 Pn Pn 19 42 22.9 +0.1
ASAR Alice Springs 19.60 168 P P 19 43 04.5 -0.1

NNC 09 19:40:15.18.9.37.50M:72.73E,h0km,mb4.1,mpv3.6,
5C-3D, Error ellipse: s-maj=75.0km s-min=48.1km
az=148.0, Tajikistan
Code Station Name Az AzZ Phase ID Time Res h m s ISC

Code Station Name Az AzZ Phase ID Time Res h m s ISC
SIJL Sorong 4.02 35 Pn Pn 19 45 22.1 +0.1
WRA Warrungarra Arr 16.49 162 Pn Pn 19 48 12.8 +0.8
ASAR Alice Springs 19.60 168 P P 19 48 52.2 -0.3

Code Station Name Az AzZ Phase ID Time Res h m s ISC
SIJL Sorong 3.63 24 Pn Pn 19 47 18.7 +0.7
SIJL 3.3nm,0.3s,baz=229,slow=19,SNR=12
SIJL 3.1nm,0.3s,baz=241,slow=23,SNR=1.7

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

Code Station Name Az AzZ Phase ID Time Res h m s ISC
FITZ Fitzroy Crossi 14.09 193 Pn Pn 19 55 50.6 +0.8
WRA Warrungarra Arr 16.45 162 Pn Pn 19 56 21.6 +0.3
ASAR Alice Springs 19.60 168 P P 19 57 01.4 -0.4

IDC 09 20:01:26.9.1.3.4:28S:129.25E,h0km,mb3.6/4,
mb1 3.6/7,mb1mx3.4/48,mbtmp3.5/7,ML3.1/3,MS2.9/1,
Ms1 2.9/1,ms1mx2.4/38, Error ellipse: s-maj=45.7km
s-min=25.0km az=73.0

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

IDC 09 20:03:59.4.0.8.16:72S:175.15E,h0km,mb3.9/8,
mb1 4.2/9,mb1mx3.8/35,mbtmp3.9/8,ML5.0/1,MS3.6/5,
Ms1 3.5/5,ms1mx3.2/35, Error ellipse: s-maj=28.2km
s-min=19.6km az=175.0

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

IDC 09 20:04:00.8.0.7.16:8S:0.2x175.22E.0.08,h10km,n17,
az=171.73,mb4.0/9,MS3.5/5,Fiji Islands region

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

IDC 09 20:04:25.3.1.3.4:13S:129.42E,h0km,mb3.9/4,
mb1 3.8/7,mb1mx3.5/42,mbtmp3.7/7,ML3.2/3, Error
ellipse: s-maj=37.3km s-min=23.7km az=81.0

IDC 09 20:04:25.3.1.3.4:19S:0.1N:129.5E.0.2,h36km,n7,
az=192.08,mb3.9/4,Banda Sea

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

IDC 09 20:10:42.8.1.2.4:23S:129.40E,h0km,mb3.7/5,
mb1 3.9/9,mb1mx3.6/42,mbtmp3.9/8,ML3.7/4, Error
ellipse: s-maj=35.9km s-min=22.2km az=88.0

9d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRVK Borovoye, TIXI Tiksi, NRIK Noril'sk, etc.

IDC 09 20:28:54.6:1.4, 4.11'S: 129.35'E, h0km, mb3.7/2, mb1 3.5/5, mb1mx3.2/42, mbtmp3.8/8, ML3.5/5, Error ellipse: s-maj=43.9km s-min=25.2km az=88.0

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

IDC 09 20:29:16.8:1.4, 4.03'S: 129.51'E, h0km, mb4.1/3, mb1 4.0/8, mb1mx3.6/44, mbtmp3.8/8, ML3.5/5, Error ellipse: s-maj=31.1km s-min=22.0km az=98.0

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

IDC 09 20:47:52.5:1.6, 4.08'S: 129.33'E, h0km, mb3.5/1, mb1 3.5/4, mb1mx3.2/43, mbtmp3.3/4, ML3.2/3, Error ellipse: s-maj=53.7km s-min=26.7km az=81.0, Banda Sea

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

FUNV 09 20:49:43.8: 8.51N: 71.48W, h5km, MW3.7, ISC 09 20:49:43.6: 1.2, 8.251N: 0.03: 71.44W: 0.02, h9km±10km, n26, ±188/52, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOCV Socops, SDV Santo Domingo, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DABV Barichara, SMLC San Martin de, etc.

NEIC 09 20:51:28.8:2.6, 21.9S: 0.2: 173.69W: 0.08, h10km, 1km, mb4.5/9, Error ellipse: s-maj=30.3km s-min=12.9km az=177.0

IDC 09 20:51:31.6: 1.7, 21.52S: 174.51W, h0km, mb4.3/10, mb1 4.4/10, mb1mx4.0/40, mbtmp4.3/10, MS3.7/5, Ms1 3.7/5, ms1mx3.3/37, Error ellipse: s-maj=61.8km s-min=24.1km az=145.0

ISC 09 20:51:31.6: 1.7, 21.52S: 174.51W: 0.07, h10km, n41, ±203/29, mb4.5/4, MS3.5/4, Tonga Islands

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

524

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

Table with columns: EDH, WTK, WTK, CHN4, CHN4, TPUB, TPUB, STYH, WTP, WSF, TWK, TWG, SNST, SGST, SLGT, SLGT, PHUB. Includes station names, codes, and coordinates.

IDC 09 21:02:06.1±0.9, 4.1'S; 129.63E, h0km, mb4.2/7, mb1 4.2/12, mb1mx3.0/32, mbtmp4.1/12, ML3.8/5, MS3.1/5, Ms1 3.1/5, ms1mx2.8/33, Error ellipse: s-maj=28.4km s-min=18.0km az=84.0°

NEIC 09 21:02:08.8±1.8, 4.05S; 0.07; 129.66E; 0.07, h10km, 1km, mb4.4/24, Error ellipse: s-maj=12.5km s-min=11.7km az=129.0°

DJA 09 21:02:09.0±0.7, 4.3'S; 129.9E, h10km, M4.0/6, MLv4.0/6, ISA 09 21:02:11.8±0.5, 4.09S; 0.05; 129.51E; 0.05, h36km, n66, ±1923/63, mb4.3/16, Banda Sea

Main table for station 525, listing station names, codes, coordinates, and various parameters like Time, Res, and ISC.

comp=Z,0.5nm,0.6sb,ba=81,slow=2.6,SNR=3.8 TORO Torodi Ar. Bea 127.71 283 PKIKP 21 21 15.4 +0.4

Table for station 2015 DEC, listing station names like MJAR, GUMO, WRA, MKAR, ASAR and their coordinates.

NNC 09 21:07:04.1±1.0, 38.54N; 73.14E, h0km, mb3.6, mpv3.1, 1C-3D, Error ellipse: s-maj=89.2km s-min=61.6km az=167.0°, Tajikistan-Xinjiang border region

Table for station 2015 DEC, listing station names like AAK, TKM2, KK07, KK09 and their coordinates.

IDC 09 21:22:19.8±6.4, 22.43S; 178.69W, h636km, 75km, mb3.0/4, mb1 3.2/6, mb1mx2.9/30, mbtmp4.2/6, Error ellipse: s-maj=176.3km s-min=27.7km az=67.0°

ISC 09 21:22:22.6±1.8, 22.27S; 0.1; 179.4W; 0.2, h600km, n7, ±1502/8, mb3.9/4, South of Fiji Islands

Table for station 2015 DEC, listing station names like MSVF, RAO, URZ, CTA, STKA, ASAR, WRA and their coordinates.

IDC 09 21:22:35.2±1.1, 4.27S; 130.30E, h0km, mb3.3/1, mb1 3.5/3, mb1mx3.2/49, mbtmp3.3/3, ML3.0/2, Error ellipse: s-maj=163.6km s-min=12.4km az=71.0°, Banda Sea

Table for station 2015 DEC, listing station names like WRA, ASAR, MKAR and their coordinates.

IDC 09 21:29:53.2±4.0, 36.30N; 71.10E, h125km, 31km, mb3.5/6, mb1 3.4/12, mb1mx3.1/63, mbtmp3.7/12, Error ellipse: s-maj=31.9km s-min=21.2km az=174.0°

NNC 09 21:29:58.9±2.4, 36.72N; 70.84E, h122km, 41km, mb3.2, mpv3.9, Error ellipse: s-maj=19.3km s-min=18.1km az=172.0°

ISC 09 21:29:56.4±1.2, 36.55N; 0.1; 70.98E; 0.10, h150km, n24, ±113/28, mb3.9/6, 3C-4D, Hindu Kush region

Main table for station 2015 DEC, listing station names like AML, UCH, EK2S, KK08, AAK, AAK, AAK, AAK, USP, TKM2, GEYT, MKAR, AB31, KURB, BVAR, AKTO, AKTO, ZALV, BELG, FINES, YAK, NB2, NOA, WRA and their coordinates.

0.2nm,0.5sb,ba=122,slow=7.0,SNR=6.1 KURBB Kurchatov Arra 70.120 328 P 21 44 09.7 -0.2

FUNV 09 21:41:13.2, 8.44N; 71.44W, h5km, MW3.5, ISC 09 21:41:12.4±1.3, 8.52N; 0.04; 71.41W; 0.03, h4km, ±11km, n24, ±112/48, Venezuela

Main table for station 9d 21h, listing station names like SOCV, SOCV, SOCV, SOCV, SDV, CAPV, CAPV, TORV, TORV, PAMP, PAMP, MCQV, MCQV, OCAC, OCAC, TAMC, TAMC, DABV, DABV, BARC, BARC, SIQV, SIQV, SMLC, SMLC, BRRC, BRRC, BRRC, CRJC, CRJC, MAPV, MAPV, URIC, URIC, ZARC, ZARC, PTBC, PTBC, MONV, MONV, SPBC, SPBC, SJC, SJC, SJCC, SJCC, BENV, BENV, BIRV, BIRV and their coordinates.

IDC 09 21:41:53.0±1.1, 2.80S; 129.55E, h0km, mb3.9/5, mb1 4.1/8, mb1mx3.7/41, mbtmp4.0/8, ML3.8/3, MS3.2/1, Ms1 3.2/1, ms1mx2.5/33, Error ellipse: s-maj=30.8km s-min=18.8km az=83.0°

DJA 09 21:41:54.1±0.4, 3.3'S; 129.9E, h10km, M4.2/8, mb4.6/6, mb4.9/2, MLV3.9/8, Mw(mb)4.2/2

NEIC 09 21:41:57.1±1.1, 2.86S; 0.07; 129.61E; 0.07, h32km, 6km, mb4.1/12, Error ellipse: s-maj=11.1km s-min=9.2km az=112.0°

ISC 09 21:41:56.6±0.6, 2.92S; 0.05; 129.50E; 0.06, h28km, n39, ±1827/40, mb4.0/9, Seram

Main table for station 9d 21h, listing station names like MSAI, MSAI, SIJI, SIJI, SWI, FAKI, FAKI, FAKI, FAKI, SANN, SANN, SANN, SANN, APSI, MRSI, BSSI, TOL2, BKSI, MPSI, KNRA, FITZ, JAGI, JAGI, COEN, COEN, WBO, WRA, WRA, ASAR, ASAR, STKA, STKA, GSI, CMAR, MK31, MK31, MKAR, MKAR, MKAR, MKAR, ZALV, ZALV, KURK, KURK, VNSA, VNSA, SBA, SBA, ABKAR, ABKAR and their coordinates.

ISC 09 21:45:29.4±0.8, 35.34N; 44.77E, h17km, 191km, ML3.4, TEH 09 21:45:30.2, 35.30N; 44.75E, h12km, ML3.3, ISC 09 21:45:30.3±1.0, 35.27N; 0.04; 44.63E; 0.07, h10km, n23, ±0561/28, Iraq

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WCI Wyandotte Cave, N47A Urbana, TOLK Toolik Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEIC 09 22:11:41.5, 1.4, 5.17N, 0.06, 126.83E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR comp=Z, 2.1nm, 0.3s, baz=344, etc.

9d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WCI Wyandotte Cave, N47A Urbana, etc.

NEIC 09 22:11:41.5, 1.4, 5.17N, 0.06, 126.83E, 0.09, h138km, 5km, mb4, 7.93, Error ellipse: s-maj=13.8km s-min=7.6km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPSI Sidrap Palu, BNSI Bone, KAPI Kappang, etc.

comp=Z, 2.1nm, 0.3s, baz=344, slow=7.1, SNR=37

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR comp=Z, 1.6nm, 0.7s, baz=357, etc.

JMA 09 22:02:53.3, 0.3, 31.21N, 128.71E, h17km, M2.6, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JSJ Shimokoshima, JFU Fukue jima 2, etc.

ISN 09 22:08:43.5, 1.6, 35.37N, 44.94E, h20km, 319km, ML3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YHNB Yeheng, KNRA Kunurra, etc.

comp=Z, 2.5nm, 1.3s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBOO Buceklee, SHL Shilong, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NRIK, AKASG, AKKB, SORM, etc.

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like 344A, HKT, WBMS, etc.

10d Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like USHA Ushuaia, MG01 Puerto Williams, ITAB Itab, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BIRV Bironogo, JTS Las Juntas de, URIC Uribia, etc.

536

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like JCT Junction City, JCT Junction City, JCT Junction City, etc.

537				2015 DEC				10d 0h										
AMTX	Amarillo	75.26 336	P	P	00 21 15.9 +0.6	ACCN	comp=Z,24nm,1.1s	IAMB	IAMB	00 21 37.7	P17A	comp=Z,28nm,1.4s	IAMB	IAMB	00 22 06.2			
P60A	Greenville	75.33 358	P	P	00 21 16.8 +1.4	GLA	GLamis	78.90 325	P	P	00 21 36.8 +1.0	MPMC	Manual Prospec	82.61 325	P	P	00 21 57.0 +1.2	
MCWV	Mont Chateau	75.39 355	P	P	00 21 17.0 +1.2	GLA	comp=Z,29nm,1.6s	78.90 325	P	P	00 21 36.8 +1.0	SPMN	Marine on St.	82.65 346	P	P	00 21 55.4 -0.2	
121A	Cookes Peak, D	75.40 330	P	P	00 21 16.6 +0.3	GLA	GLamis	78.90 325	P	P	00 21 36.9 +1.0	SPMN					00 22 06.6	
121A	Cookes Peak, D	75.40 330	P	P	00 21 17.0 +0.7	N35A	Tabor	79.10 343	P	IAMB	00 21 36.6 -0.1	FURC	comp=Z,14nm,0.7s	Furnace Creek	82.66 326	P	P	00 21 56.8 +1.1
CCM	Cathedral Cave	75.44 345	P	P	00 21 16.4 +0.3	N35A					00 21 38.6 -0.1	ISA	Isabelle Lake	82.75 324	P	P	00 21 58.1 +1.7	
CCM	comp=Z,53nm,0.9s	75.44 345	P	P	00 21 16.4 +0.3	SDCO	Great Sand Dun	79.15 334	P	P	00 21 37.3 -0.1	PKM	Mpsherson Peak	82.78 323	P	P	00 21 57.7 +1.0	
CCM	Cathedral Cave	75.44 345	P	P	00 21 15.7 -0.4	SDCO	Great Sand Dun	79.15 334	P	P	00 21 38.9 +1.5	QRZ	Quartz Range	82.81 224	P	P	00 21 56.7 -0.1	
S39A	Bolivar	75.54 344	P	P	00 21 17.3 +0.5	IKP	In+P+H, Jac	79.17 324	P	P	00 21 38.3 +1.0	VES	Vestal, Richgr	83.19 324	P	P	00 21 59.6 +1.1	
P52A	Corning	75.57 353	P	IAMB	00 21 16.9 0.0	SWSC	Sam W. Stewart	79.26 325	P	P	00 21 39.1 +1.4	CWC	Cottonwood Cre	83.20 325	P	P	00 22 00.1 +1.2	
P52A	Corning	75.57 353	P	P	00 21 28.3	KSCO	Kaye Shedlock'	79.33 337	P	P	00 21 38.2 +0.1	SUSD	Miller	83.30 342	P	P	00 21 59.2 +0.3	
P49A	Miami Univ. Ec	75.78 351	P	P	00 21 17.6 -0.5	KSCO	Kaye Shedlock'	79.33 337	P	P	00 21 39.2 +1.0	NLU	North Lily Min	83.55 331	P	P	00 22 01.1 +0.5	
P49A	Miami Univ. Ec	75.78 351	P	IAMB	00 21 29.1	WUAZ	Wupatki	79.46 329	P	P	00 21 39.9 +0.9	NLU					00 22 14.9	
P49A	Miami Univ. Ec	75.78 351	P	P	00 21 17.8 -0.3	WUAZ	Wupatki	79.46 329	P	P	00 21 40.0 +1.3	R11A	Troy Canyon, C	83.65 328	P	P	00 22 02.4 +1.3	
P48A	Milroy	75.80 350	P	P	00 21 18.1 -0.2	MONP2	Monument Peak	79.52 324	P	P	00 21 40.8 +1.4	TIN	Tinemaha, Big	83.77 325	P	P	00 22 02.4 +0.8	
P48A	Milroy	75.80 350	P	IAMB	00 21 29.1	TSUM	Tsumeb	79.53 106	P	IAMB	00 21 40.2 +0.4	JLU	Jadanelle	83.86 332	P	P	00 22 02.6 +0.4	
O56A	Blue Knob Stat	75.91 356	P	P	00 21 19.2 +0.3	TSUM	Tsumeb	79.53 106	IAMS_20	IAMS_20	00 52 57.8	K22A	comp=Z,39nm,1.4s	Casper	83.89 336	P	P	00 22 02.3 +0.1
O52A	Adamsville	76.02 353	P	IAMB	00 21 19.8 +0.3	SCIA	State Center	79.55 345	P	P	00 21 39.6 +0.6	K22A	Casper	83.89 336	P	P	00 22 02.9 +0.7	
O52A	Adamsville	76.02 353	P	IAMB	00 21 30.8	S22A	JUR Ranch, Cre	79.63 333	P	P	00 21 41.1 +1.1	F33A	5 Mile Ranch,	83.97 344	P	P	00 22 01.8 -0.5	
O53A	New Philadelph	76.09 354	P	P	00 21 20.2 +0.3	PDMCI	Parker Dam,Lak	79.63 326	P	P	00 21 41.1 +1.4	F33A					00 22 14.1	
KAN01	Argonia South	76.16 340	P	IAMB	00 21 20.9 +0.5	BC3	Big Cuckawall	79.69 325	P	P	00 21 41.3 +1.1	DUG	Dugway, Tooele	84.05 331	P	P	00 22 04.4 +1.4	
KAN01	Argonia South	76.16 340	P	IAMB	00 21 33.1	LBNH	Lisbon	79.72 1	P	P	00 21 41.3 +1.3	TPH	Topnah	84.14 326	P	P	00 22 03.2 -0.4	
LIC	Lamto	76.17 72	eP	P	00 21 21.9 +1.0	LBNH	Lisbon	79.72 1	P	P	00 21 41.3 +1.3	TPH	comp=Z,119nm,1.2s	Topnah	84.14 326	P	P	00 22 03.2 -0.4
SSPA	Standing Stone	76.24 356	P	P	00 21 21.2 +0.5	LBNH	Lisbon	79.72 1	P	P	00 21 41.4 +1.5	RSSD	Black Hills	84.42 338	P	P	00 22 04.9 0.0	
SSPA	Standing Stone	76.24 356	P	P	00 21 21.3 +0.6	LBNH	Lisbon	79.72 1	P	P	00 21 41.4 +1.5	RSSD	Black Hills	84.42 338	P	P	00 22 05.4 +0.5	
ACSO	Alum Creek Sta	76.26 352	P	P	00 21 20.5 -0.3	MVCO	Mesa Verde	79.78 332	P	P	00 21 41.5 +0.7	RSSD	Black Hills	84.42 338	P	P	00 22 06.1 +0.5	
ACSO	Alum Creek Sta	76.26 352	P	IAMB	00 21 22.2	MVCO	Mesa Verde	79.78 332	P	P	00 21 41.4 +0.7	MLAC	Mammoth, Mammo	84.52 325	P	P	00 22 06.1 +0.5	
ACSO	Alum Creek Sta	76.26 352	P	P	00 21 21.4 +0.7	JFWS	Jewell Farm	79.94 347	P	P	00 21 41.0 -0.2	HWUT	Hardware Ranch	84.77 332	P	P	00 22 06.9 +0.2	
ACSO	Alum Creek Sta	76.26 352	P	P	00 21 21.4 +0.7	JFWS	Jewell Farm	79.94 347	P	P	00 21 41.0 -0.2	HWUT	Hardware Ranch	84.77 332	P	IAMS_20	00 54 28.7	
BNM	Barren Site	76.37 332	P	P	00 21 22.7 +0.8	JFWS	Jewell Farm	79.94 347	P	IAMB	00 21 50.8	SPUT	comp=Z,1um,20.0s	South Promonto	84.85 331	P	P	00 22 07.7 +0.5
O49A	Covington	76.37 331	P	IAMB	00 21 21.7 +0.3	JFWS	Jewell Farm	79.94 347	P	P	00 21 41.6 +0.4	SPUT	comp=Z,24nm,1.1s	South Promonto	84.85 331	P	IAMB	00 22 20.8
O49A	Covington	76.37 331	P	IAMB	00 21 23.2	JFWS	Jewell Farm	79.94 347	P	P	00 21 41.6 +0.4	SPUT	comp=Z,24nm,1.1s	South Promonto	84.85 331	P	IAMB	00 22 20.8
N59A	State Game Lan	76.43 358	P	P	00 21 22.7 +0.8	JFWS	Jewell Farm	79.94 347	P	P	00 21 43.2 +1.6	NV11	Mina Array Sit	84.86 326	P	IAMB	00 22 07.8 +0.6	
N59A	State Game Lan	76.43 358	P	P	00 21 22.7 +0.8	JFWS	Jewell Farm	79.94 347	P	P	00 21 43.2 +1.6	NV11	Mina Array Sit	84.86 326	P	IAMB	00 22 40.8	
TIC	Tomoudi	76.44 71	eP	P	00 21 23.7 +1.2	JFWS	Jewell Farm	79.94 347	P	P	00 21 43.2 +1.6	NV11	Mina Array Sit	84.86 326	P	IAMB	00 22 40.8	
TUC	Tucson	76.46 328	P	P	00 21 22.7 +0.5	IRM	Iron Mountain	79.96 326	P	P	00 21 42.4 +0.3	NV11	Mina Array Sit	84.86 326	P	IAMB	00 22 40.8	
TUC	Tucson	76.46 328	P	P	00 21 22.7 +0.5	IRM	Iron Mountain	79.96 326	P	P	00 21 42.4 +0.3	NV11	Mina Array Sit	84.86 326	P	IAMB	00 22 40.8	
TUC	Tucson	76.46 328	P	P	00 21 23.5 +1.3	BOSA	Boshof	79.97 118	P	P	00 21 42.2 +0.1	NV11	Mina Array Sit	84.86 326	P	IAMB	00 22 40.8	
TUC	Tucson	76.46 328	P	P	00 21 23.5 +1.3	BOSA	Boshof	79.97 118	P	IAMB	00 21 45.8	NV11	Mina Array Sit	84.86 326	P	IAMB	00 22 40.8	
KIC	Kosan Boka	76.47 72	eP	P	00 21 23.8 +1.1	BOSA	Boshof	79.97 118	P	IAMB	00 21 45.8	NV11	Mina Array Sit	84.86 326	P	IAMB	00 22 40.8	
KIC	Kosan Boka	76.47 72	eP	P	00 21 23.8 +1.1	BOSA	Boshof	79.97 118	P	IAMB	00 21 45.8	NV11	Mina Array Sit	84.86 326	P	IAMB	00 22 40.8	
PAL	Palisades	76.48 359	P	P	00 21 21.6 -0.4	LONY	Lake Ozonia	80.11 359	P	P	00 21 42.5 +0.4	NVAR	Mina Array Bea	84.92 326	P	P	00 22 08.1 +0.4	
PAL	Palisades	76.48 359	P	P	00 21 21.6 -0.4	LONY	Lake Ozonia	80.11 359	P	P	00 21 42.8 +0.7	NVAR	Mina Array Bea	84.92 326	P	P	00 22 08.1 +0.4	
LENM	Lemitar	76.51 332	P	P	00 21 23.7 +1.1	LONY	Lake Ozonia	80.11 359	P	P	00 21 42.8 +0.7	EVNM	Ely	85.03 334	P	P	00 22 08.2 +0.6	
ODNJ	Ogdensburg	76.57 359	P	IAMB	00 21 23.3 +0.8	TPFO	Pion Flats	80.12 324	P	P	00 21 43.9 +1.4	EVNM	Ely	85.03 334	P	P	00 22 08.2 +0.6	
ODNJ	Ogdensburg	76.57 359	P	IAMB	00 22 25.6	TPFO	Pion Flats	80.12 324	P	P	00 21 43.9 +1.4	BW06	Bowling Array	85.03 334	P	P	00 22 08.2 +0.1	
DBIC	Dimbokro	76.58 72	P	P	00 21 24.0 +0.7	Q24A	Divide	80.12 335	P	P	00 21 43.6 +0.9	PD31	Pinedale Array	85.03 334	P	P	00 22 08.2 +0.1	
DBIC	Dimbokro	76.58 72	P	P	00 21 24.0 +0.7	Q24A	Divide	80.12 335	P	P	00 21 43.6 +0.9	PDAR	Pinedale Array	85.03 334	P	P	00 22 08.7 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 08.1 +0.1	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 08.1 +0.1	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro	76.58 72	P	P	00 21 23.9 +0.7	PFO	Pinyon Flats O	80.12 324	LR	LR	00 51 05.3	PDAR	Pinedale Array	85.03 334	P	P	00 22 10.3 +0.6	
DBIC	Dimbokro</																	

Table with columns: LANU, Lannavaara, 0.71 71 eP, Pg, 00 24 22.9 -0.4, etc. Includes stations like DUNU, MASU, SALU, KIF, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KUA, RATU, NIKU, etc.

IDC 10 00:25:03.6:2.1, 23:79Sx179:90W, h510km, 18km, mb3.6/4, mb1 3.7/6, mb1mx3.0/45, mbtmp4.4/6, Error ellipse: s-maj=38.5km s-min=23.5km az=155.0

NEIC 10 00:25:04.2:1.0, 23:83S:0:1x179:90W:0:1, h510km, 12km, mb4.1/14, Error ellipse: s-maj=23.6km s-min=15.0km az=193.0

ISC 10 00:25:04.0:0.8, 23:85S:0:1x179:90W:0:1, h518km, n27, o#91/29, mb4.1/12, South of Fiji Islands

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

IDC 10 00:29:20.6:7.9, 4:53S: 103:22E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.0/35, mbtmp3.3/3, Error ellipse: s-maj=412.9km s-min=30.7km az=51.0

DJA 10 00:29:28.4:1.3, 5:56S: 10:37E, h32km, 29km, M3.4/10, MLv3.4/10

ISC 10 00:29:27.6:1.3, 5:01S: 0:09x102:93E:0:09, h59km, n14, o#84/14, mb3.5/3, Southern Sumatra

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LWLI, LHSI, MDSI, etc.

IDC 10 00:32:11.7:2.3, 0:80N: 127:16E, h0km, mb3.3/3, mb1 3.5/3, mb1mx2.9/36, mbtmp3.3/3, M53.5/1, M51 3.5/1, ms1mx2.9/13, Error ellipse: s-maj=171.9km s-min=28.5km az=66.0, Halmahera

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, ASAJ, MKAR.

WEL 10 00:35:29.0:1.5, 39:58S: 17:9E, h23km, 7km, M2.1/5, ML2.5/8, MLv2.1/5, Error ellipse: s-maj=0.0km s-min=0.0km az=141.9, Off east coast of North Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CNGZ, PUZ, TWGZ, etc.

IDC 10 00:37:29.9:1.3, 31:26S: 71:28W, h0km, mb4.1/4, mb1 4.1/8, mb1mx3.9/31, mbtmp4.0/8, ML4.0/4, Error ellipse: s-maj=35.5km s-min=30.2km az=130.0

SJA 10 00:37:34.5:0.9, 30:95S: 71:57W, h25km, 3km, ML4.2, MW4.1

GUC 10 00:37:37.5:0.9, 30:98S: 71:33W, h59km, 4km, ML4.3

NEIC 10 00:37:38.1:1.3, 30:99S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CO06, CO07, CO08, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CO03, CO04, CO05, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like RTLS, ACOO, ROCH, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PEL, MT02, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PEL, MT02, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LWLI, LHSI, MDSI, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PEL, MT02, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PEL, MT02, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PEL, MT02, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ARCO, MT09, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BO01, BO02, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like GO03, GO04, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like APPL, AC02, etc.

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

ISC 10 00:37:50.7:0.7, 30:98S: 0:03x71:36W:0:03, h48km, 7km, n19, o#234/146, mb4.9/3, 3C-4D, Near coast of central Chile

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

Table with columns: SWI, SANI, WRA, ASAR, CMAR, MKAR, ZALV, ILAR, TORO. Includes station names, coordinates, and various parameters like SNR, elevation, and beam size.

IDC 10 01:43:21.42.8, 13:32N:88.06W, h0km, mb3.6/6, mb1 4.0/8, mb1mx3.7/33, mbtm3.6/8, ML3.5/2, MS2.5/2, Ms1 2.5/2, ms1mx2.5/4.1, Error ellipse: s-maj=80.1km s-min=40.1km az=26.0

INET 10 01:43:31.1, 13:00N:89.19W, h15km, MW3.9, SNET 10 01:43:31.1, 13:05N:89.20W, h44km, 12km, ML4.3, UCR 10 01:43:32.0, 13:05N:89.20W, h43km, 12km, ML4.2, mb4.1(10)

NEIC 10 01:43:32.8, 1.8, 13:09N:0.07-89.22W:0.09, h54km, 8km, mb4.1/9, Md4.3(SNET), Error ellipse: s-maj=15.1km s-min=7.4km az=54.0

GCG 10 01:43:33.4, 0.3, 13:10N:89.20W, h41km, 210km, MD4.0, ISC 10 01:43:32.0, 13:13N:0.06-89.15W:0.03, h57km, 6km, n99, c1509/152, mb4.0/11, 3C-8D, El Salvador

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists numerous stations including Alcaldia de L, Centro de Oper, Escuela Especi, Serv Nac Est T, etc.

Table with columns: YSM, RTR, RTR, UNIC, UNIC, CNRM, CNRM, CNRM, SLOZ, SLOZ. Includes station names like San Miguel, El Retiro, Universidad Ca, etc.

LCND La Caada 1.24 82 eP Pn 01 43 53.7 +0.3

MTOS MTO3 1.28 351 Pn Pn 01 43 56.4 +0.4

ESQI Esquipulas 1.43 353 Pn Pn 01 43 57.1 +0.9

APG El Apazote 2.26 326 LR LR 01 44 40.7

STG3 Santiago 3, 2.83 304 eS Pn 01 44 16.6 +1.4

CMIG comp=Z, 1.0nm, 0.3s, baz=143, slow=20, SNR=1.7

TXAR Lajitas Array 21.01 322 P P 01 48 12.3 +0.1

TX31 Lajitas Ar. Si 21.01 322 P P 01 48 12.2 +0.1

X34A Smith Ranch, M 22.78 341 P P 01 48 31.1 +1.0

R40A Maddies Store 25.21 354 P Iamb Iamb 01 48 51.5 -1.2

PDAR Pinedale Array 34.40 333 P P 01 50 14.7 +0.3

YKA comp=Z, 0.2nm, 0.5s, baz=161, slow=3.6, SNR=4.5

ILAR Eielson Array 64.73 336 P P 01 54 01.4 -2.9

FUNV 10 01:44:51.4, 8.43N:71.41W, h5km, MW3.3, ISC 10 01:44:50.9, 1.1, 8.48N:0.04-71.41W:0.02, h11km, 10km, n19, c1993/37, C, Venezuela

Main station list table for the second section with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Soco, Santo Domingo, Capacho, Pamplona, etc.

IDC 10 01:52:38.0, 1.6, 4.23S:129.63E, h0km, mb3.4/1, mb1 4.1/4, mb1mx3.7/32, mbtm3.9/4, ML3.6/3, Error ellipse: s-maj=52.1km s-min=24.5km az=90.0

DJA 10 01:52:40.5, 0.8, 4.9S:7.129E, h10km, M3.6/7, ISC 10 01:52:39.8, 0.9, 4.26S:0.07-129.48E:0.06, h10km, n15, c2510/16, Banda Sea

Main station list table for the third section with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like MSAI, AAI, FAKI, etc.

Table with columns: SANI, WRA, PCJI, WJI, UGM, YOGI, ASAR, CMJI, MKAR. Includes station names like Sanana, Warramunga Arr, Pacitan, etc.

IDC 10 01:56:48.3, 0.6, 4.15S:129.59E, h0km, mb4.2/9, mb1 4.4/12, mb1mx4.2/28, mbtm4.2/12, ML4.1/3, Error ellipse: s-maj=33.4km s-min=14.8km az=69.0

NEIC 10 01:56:52.4, 1.2, 4.05S:0.06-129.68E:0.10, h23km, 5km, mb4.2/11, Error ellipse: s-maj=14.6km s-min=7.7km

DJA 10 01:56:53.1, 0.4, 4.3S:7.130E, h10km, M4.4/9, mb4.5/5, mb5.0/2, MLV4.3/9, MW(mB)4.4/2

ISC 10 01:56:53.0, 4.0, 5.40S:0.05-129.64E:0.05, h36km, n68, c1599/72, Banda Sea

Main station list table for the fourth section with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists numerous stations including BNDI, MSAI, AAI, FAKI, etc.

IDC 10 02:04:16.3, 0.8, 4.15S:129.47E, h0km, mb3.8/1, mb1 3.7/4, mb1mx3.3/36, mbtm3.5/4, ML3.2/3, Error ellipse: s-maj=58.6km s-min=27.0km az=81.0, Banda Sea

IDC 10 02:47:33.0, 2.6, 11.41N-86.63W, h0km, mb4.3/14, mb1 4.5/15, mb1mx4.2/34, mbtmp4.3/15, ML3.6/2, MS3.9/12, Ms1 3.9/12, ms1mx3.6/43, Error ellipse: s-maj=28.9km s-min=12.7km az=49.0
 NEIC 10 02:47:36.6, 1.6, 11.21N-0.05:86.79W-0.06, h18km, mb4km, mb4.7/200, Error ellipse: s-maj=10.0km s-min=4.0km az=54.0
 INET 10 02:47:37.3, 1.1, 11.15N-86.91W, h15km, MWV.6
 UCR 10 02:47:38.0, 2.1, 11.13N-86.80W, h10km, MWV.9, mb4.7(NVIC)
 ISC 10 02:47:37.2, 1.3, 11.26N-0.05:86.78W-0.06, h28km, mb4km, n350, 13/13/303, mb4.7/106, MS4.0/11, 1C-9D, Near coast of Nicaragua

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
							h	ISC
HZTE	Horizontes, Gu	1.28	115	Op	P	Sb	02 47 59.9	-0.8
HZTE		1.41	110	Op	P	Pb	02 48 01.5	-0.4
GB1A	Borinquen Arri	1.42	108	Op	P	Pb	02 48 02.4	-0.7
CRIN	San Cristobal	1.46	349	Op	P	Pb	02 48 03.0	-0.8
BUAI	Buenos Aires	1.47	105	Op	P	Pb	02 48 22.2	+0.3
BOAC	BOAC BROADBAN	1.60	42	Op	P	Pb	02 48 03.2	-0.6
CUI	Cuipilapa	1.69	111	Op	P	Pb	02 48 05.7	-0.5
ACON	Acopya	1.72	66	Op	P	Pb	02 48 30.8	+2.2
DUNO	Dulce Nombre,	1.72	133	Op	P	Pb	02 48 06.8	-1.3
MATN	Matagalpa	1.86	27	Op	P	Pn	02 48 04.2	-1.1
JTS	Las Juntas de	2.03	118	Op	P	Pn	02 48 08.3	+1.1
CAO2	Cobano, Puntar	2.27	133	Op	P	Pn	02 48 09.9	+0.2
COVE	Coope Vega, Sa	2.39	103	Op	P	Pb	02 48 18.4	-1.2
COVE	Coope Vega, Sa	2.39	103	Op	P	Pb	02 48 15.9	+1.4
JESP	Las Esperanzas	2.60	69	Op	P	Pn	02 48 19.7	+2.4
JACO	JACO, Garabito	2.62	127	Op	P	Pn	02 48 19.2	+1.5
TGUH	Teguigalpa, Un	2.82	300	Op	P	Pn	02 48 22.6	+2.0
HDC	Heredia	2.90	115	Op	P	Pn	02 48 21.5	-0.2
EDPN	Palmar Norte	3.99	125	Op	P	Pn	02 48 37.9	+1.5
MT03	Montecristo	4.01	321	Op	P	Pn	02 48 40.4	+3.4
EDBA	Buenos Aires	4.03	121	Op	P	Pn	02 48 39.3	+2.2
ESQI	Esquipulas	4.12	323	Op	P	Pn	02 48 40.8	+2.3
CDITO	Canos	4.68	124	Op	P	Pn	02 48 47.1	+1.0
BRUZ	Volcan	4.71	121	Op	P	Pn	02 48 47.7	+1.1
APT	El Apazote	5.17	316	Op	P	Pn	02 48 52.9	-0.1
PEFF	Flores	6.37	332	Op	P	Pn	02 49 10.8	+1.5
COIG	Comitan	7.21	314	Op	P	Pn	02 49 22.7	+1.7
CMIG	Matias Romero	9.77	307	Op	P	Pn	02 49 26.3	+0.5
SJCC	San Jacinto, C	11.48	96	Op	P	Pn	02 50 20.4	+1.0
SOR	Soroa	12.02	17	Op	P	Pn	02 50 27.6	+0.9
TGUC	Tiapa	13.02	300	Op	P	Pn	02 50 42.0	+2.0
ROSC	El Rosal	13.88	116	Op	P	Pn	02 50 55.4	+2.9
ROSC		1.2nm, 0.3s, baz=60, slow=20, SNR=1.7		LR			02 56 12.1	
ROSC	El Rosal	13.88	116	Op	P	Pn	02 51 00.1	-0.4
SDV	Santo Domingo	16.07	97	Op	P	Pn	02 51 21.3	-0.2
BAUV	El Baul	18.59	95	Op	P	Pn	02 51 52.9	+0.2
ZAIG	Zacatecas	18.93	309	Op	P	Pn	02 51 56.9	-0.2
BRAL	Brewton	19.81	359	Op	P	Pn	02 52 07.2	-0.1
ATAH	Atahualpa	20.09	155	Op	P	LR	02 58 58.7	
352A	Blakely	20.19	5	Op	P	I	02 52 09.1	-0.6
352A		1.3nm, 0.3s, baz=128, slow=10, SNR=12		I			02 52 28.3	
441A	DeRidder	20.29	344	Op	P	Pn	02 52 10.8	+0.1
TIGA	Tifton	20.30	8	Op	P	Pn	02 52 12.4	-0.6
TIGA		1.2nm, 0.3s, baz=189, SNR=9.7		I			02 52 12.9	-0.1
HKT	Hockley	20.42	337	Op	P	I	02 52 12.7	+0.6
HKT		1.2nm, 0.3s, baz=144		I			02 52 22.1	
344A	Westbrook Farm	20.43	350	Op	P	I	02 52 13.0	+0.7
344A		1.3nm, 0.3s, baz=144		I			02 52 18.4	
250A	Grady	20.62	1	Op	P	I	02 52 13.8	-0.6
250A		1.2nm, 0.3s, baz=144		I			02 52 17.6	
833A	Chaparral WMA,	20.68	327	Op	P	P	02 52 15.3	+0.2
833A		1.2nm, 0.3s, baz=143		I			02 52 20.6	+0.6
VBMS	Vicksburg	21.14	351	Op	P	I	02 52 20.6	+0.6
VBMS		1.2nm, 0.3s, baz=143		I			02 52 24.4	
VBMS	Vicksburg	21.14	351	Op	P	I	02 52 20.1	+0.1
146A	Union	21.38	355	Op	P	I	02 52 22.8	+0.1
146A		1.2nm, 0.3s, baz=170		I			02 52 26.9	
152A	Waverly Hall	21.39	5	Op	P	I	02 52 23.2	+0.5
152A		1.2nm, 0.3s, baz=144		I			02 52 28.0	
154A	Montrose	21.52	8	Op	P	I	02 52 25.0	+0.9
154A		1.2nm, 0.3s, baz=144		I			02 52 42.0	
NATX	Nacogdoches	21.66	342	Op	P	I	02 52 26.2	+0.6
NATX		1.2nm, 0.3s, baz=144		I			02 52 29.3	
NATX	Nacogdoches	21.66	342	Op	P	I	02 52 25.4	-0.2
NATX		1.2nm, 0.3s, baz=144		I			02 52 29.3	
PLCV	Puerto La Cruz	21.78	91	Op	P	I	02 52 27.7	+0.6
PLCV		1.2nm, 0.3s, baz=144		I			02 52 27.7	+0.6
435B	Jarrell	21.83	91	Op	P	I	02 52 27.7	+0.1
435B		1.2nm, 0.3s, baz=144		I			02 52 33.3	
435B	Jarrell	21.86	334	Op	P	I	02 52 27.9	+0.1
435B		1.2nm, 0.3s, baz=144		I			02 52 35.8	+0.8
247A	Carrollton	21.87	357	Op	P	I	02 52 28.7	+0.9
251A	Franklin	22.00	4	Op	P	I	02 52 29.1	-0.1
251A		1.2nm, 0.3s, baz=144		I			02 52 33.1	
GOGA	Godfrey	22.26	7	Op	P	I	02 52 32.8	+0.8
GOGA		1.2nm, 0.3s, baz=144		I			02 52 35.3	
GOGA	Godfrey	22.26	7	Op	P	I	02 52 32.3	+0.3
237A	Washetta, Mont	22.26	339	Op	P	I	02 52 33.0	+1.0
237A		1.2nm, 0.3s, baz=144		I			02 52 40.1	
Y49A	Blount Mountain	22.50	1	Op	P	I	02 52 35.0	+0.4
Y49A		1.2nm, 0.3s, baz=144		I			02 52 37.2	
NHSC	New Hope	22.57	15	Op	P	I	02 52 37.0	+1.7
Z1A	Richland Creek	22.58	347	Op	P	I	02 52 35.3	-0.2
JCT	Junction City	22.63	330	Op	P	I	02 52 36.3	+0.3
JCT	Junction City	22.63	330	Op	P	I	02 52 35.6	-0.4
Y52A	Liburn	22.64	6	Op	P	I	02 52 36.8	+0.8
Y52A		1.2nm, 0.3s, baz=144		I			02 52 40.1	
Y45A	Yeager Farm, C	22.64	354	Op	P	I	02 52 36.9	+0.8
Y45A		1.2nm, 0.3s, baz=144		I			02 52 39.0	
WHYT	Lake Whitney,	22.86	336	Op	P	I	02 52 37.6	-0.9
WHYT		1.2nm, 0.3s, baz=144		I			02 52 44.0	
X48A	Hartselle	23.09	359	Op	P	I	02 52 40.6	-0.1
Z38A	Mt. Pleasant	23.16	342	Op	P	I	02 52 41.4	0.0
FPAL	Fort Payne	23.20	2	Op	P	I	02 52 42.5	+0.6
HODGE	Hodges	23.23	10	Op	P	I	02 52 43.0	+0.9
X51A	Calhoun	23.27	4	Op	P	I	02 52 42.1	-0.4
X51A		1.2nm, 0.3s, baz=144		I			02 52 44.8	
JSC	Jenkinsville	23.46	12	Op	P	I	02 52 44.9	+0.4
CZ6B	Cruzeiro do Su	23.49	143	Op	P	I	02 52 44.4	+0.5
CZ5B	Cruzeiro do Su	23.49	143	Op	P	I	02 52 44.4	+0.5
PLAL	Pickwick Lake	23.64	357	Op	P	I	02 52 46.0	-0.2
PLAL		1.2nm, 0.3s, baz=144		I			02 52 47.3	
X40A	Basin Creek Fa	23.77	348	Op	P	I	02 52 47.2	-0.3
X40A		1.2nm, 0.3s, baz=144		I			02 52 48.1	
X40A	Basin Creek Fa	23.77	348	Op	P	I	02 52 46.3	-1.1
X40A		1.2nm, 0.3s, baz=144		I			02 52 48.3	0.0
SWET	Sewanee	23.86	2	Op	P	I	02 52 50.0	0.0
SWET		1.2nm, 0.3s, baz=144		I			02 52 50.0	0.0
W52A	Murphy	23.87	6	Op	P	I	02 52 48.8	+0.5
W52A		1.2nm, 0.3s, baz=144		I			02 52 50.0	0.0

W50A	Signal Mountai	23.87	3	Op	P	I	02 52 48.8	+0.5
W50A		1.2nm, 0.3s, baz=144		I			02 52 50.4	
BG3	Lake Jocassee	23.88	8	Op	P	I	02 52 49.3	+0.8
PAULJ	Pauline	23.89	10	Op	P	I	02 52 49.4	+0.9
W45A	Hickory Valley	23.89	355	Op	P	I	02 52 47.9	-0.7
W45A		1.2nm, 0.3s, baz=144		I			02 52 49.1	
TX31	Lajitas Ar. Si	23.91	321	Op	P	I	02 52 49.1	+0.2
TX31		1.2nm, 0.3s, baz=144		I			02 53 01.7	
TX32	Lajitas Array	23.91	321	Op	P	I	02 52 48.8	-0.1
TXAR	Lajitas Array	23.91	321	Op	P	I	02 52 49.0	+0.1
TXAR		1.2nm, 0.3s, baz=144		I			02 52 32.9	+1.6
TXAR		1.2nm, 0.3s, baz=144		I			03 00 13.8	+5.9
TXAR	Lajitas Array	23.91	321	Op	P	I	02 52 48.9	+0.1
Z35A	Percharven, San	23.98	338	Op	P	I	02 52 49.7	+0.3
Z35A		1.2nm, 0.3s, baz=144		I			02 52 51.5	
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 49.4	-0.1
MIAR		1.2nm, 0.3s, baz=144		I			02 52 58.3	
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 48.6	-0.9
MIAR		1.2nm, 0.3s, baz=144		I			02 52 51.7	+0.6
CPCT	Cooper Cave	24.17	4	Op	P	I	02 52 54.0	0.0
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 48.9	+0.1
Z35A	Percharven, San	23.98	338	Op	P	I	02 52 49.7	+0.3
Z35A		1.2nm, 0.3s, baz=144		I			02 52 51.5	
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 49.4	-0.1
MIAR		1.2nm, 0.3s, baz=144		I			02 52 58.3	
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 48.6	-0.9
MIAR		1.2nm, 0.3s, baz=144		I			02 52 51.7	+0.6
CPCT	Cooper Cave	24.17	4	Op	P	I	02 52 54.0	0.0
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 48.9	+0.1
Z35A	Percharven, San	23.98	338	Op	P	I	02 52 49.7	+0.3
Z35A		1.2nm, 0.3s, baz=144		I			02 52 51.5	
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 49.4	-0.1
MIAR		1.2nm, 0.3s, baz=144		I			02 52 58.3	
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 48.6	-0.9
MIAR		1.2nm, 0.3s, baz=144		I			02 52 51.7	+0.6
CPCT	Cooper Cave	24.17	4	Op	P	I	02 52 54.0	0.0
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 48.9	+0.1
Z35A	Percharven, San	23.98	338	Op	P	I	02 52 49.7	+0.3
Z35A		1.2nm, 0.3s, baz=144		I			02 52 51.5	
MIAR	Mount Ida	24.00	346	Op	P	I	02 52 49.4	-0.1
MIAR		1.2nm, 0.3s, baz=144		I			02 52 58.3	

ASAR Alice Springs 19.96 168 P P 03 53 44.5 0.0
MKAR Makanchi Array 65.52 326 P P 03 59 55.7 -0.1

JMA 10 03:56:04.1_0.2, 42.83N, 146.80E, h50km, mb4.1, M3.7
NIED 10 03:56:04.2, 42.83N, 146.80E, h50km, MW3.6, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14 Nm;

SKHL 10 03:56:05.2_0.4, 42.80N, 146.80E, h34km, mb4.6/4
ISC 10 03:56:03.9_2.3, 42.84N, 146.75E, 0.07, h19km, 3km,

Code Station Name Delta AZ Phase ID Time Res
NEM2 Nemuro 0.90 306 P P 03 56 21.2 -0.3
NEM2 Nemuro-Hokkai 0.91 306 i P Sg 03 56 37.7 +0.3
NMR NMR 0.91 306 i P Sg 03 56 37.7 +0.3

IDC 10 03:56:33.6_1.4, 2.09N, 92.46E, h0km, mb4.1/6, mb1 4/2/9,
mb1 mx3.7/44, mbtmp4.1/9, ML4.1/2, MS3.0/2, MS1 3/0/2,

NEIC 10 03:56:39.5_0.8, 2.26N, 0.08, 92.55E, 0.09, h30km, 6km,
mb4.0/6, Error ellipse: s-maj=15.3km s-min=9.6km

ISC 10 03:56:39.2_1.0, 2.22N, 0.1, 92.61E, 0.08, h35km, n34,
c135/30, mb4.2/7, MS3.1/3, Off west coast of northern

Code Station Name Delta AZ Phase ID Time Res
GSI Gunungsitoli 5.05 100 Op ISC h m s ISC
LHMI Lhok Sumawe 5.25 55 Pn Pn 03 57 58.0 +2.7
PSI Prapat 6.33 85 Pn Pn 03 58 12.2 +2.0

IDC 10 04:05:50.9_3.6, 13.67N, 92.33W, h0km, mb3.5/3,
mb1 3.8/6, mb1 mx3.6/36, mbtmp3.5/6, ML3.6/3, Error
ellipse: s-maj=73.3km s-min=32.3km az=0

ISC 10 04:05:58.1_2.7, 14.00N, 0.09, 92.29W, 0.06, h32km, 19km,
n43, c093/52, mb3.3/1, D, Near coast of Chiapas

Code Station Name Delta AZ Phase ID Time Res
RTAL Retalhuleu 0.72 53 Op ISC h m s ISC
RTAL STG3 Santiago 0.72 53 Op ISC h m s ISC
STG3 HUEH Huehuetenango 1.94 42 eP Sg 04 06 21.8 -0.6

IDC 10 04:12:38.5_2.3, 4.11S, 129.53E, h0km, mb3.7/2,
mb1 3.6/4, mb1 mx3.4/42, mbtmp3.5/4, ML2.9/1, MS3.6/3,

ISC 10 04:16:28.4_4.7, 3.43S, 131.95E, h0km, mb4.0/4,
mb1 4.0/5, mb1 mx3.6/41, mbtmp3.9/5, ML3.0/1, Error
ellipse: s-maj=35.4km s-min=25.1km az=74.0

IDC 10 04:16:38.0_0.9, 4.22S, 130.99, 129.32E, 0.07, h35km, n12,
c219/14, mb4.3/3, Banda Sea

Code Station Name Delta AZ Phase ID Time Res
MSAI Masohi 0.95 335 Op ISC h m s ISC
MSAI AAI Ambon 1.24 295 P S Sg 04 16 54.6 -2.7
AAI FAK Fak Fak 3.19 66 P Pn 04 17 28.9 +3.1

IDC 10 04:42:28.3_0.1, 39.07N, 73.36E, h1km, mb3.5
NINC 10 04:42:33.2_3.1, 39.12N, 73.47E, h0km, mb3.9,
mpv3.5, Error ellipse: s-maj=22.5km s-min=13.9km

BTK Batken 2.00 295f Pn 04 43 07.9 0.0
GAR Garm 2.24 265f Pn 04 43 37.4 -0.8
GAR Terek-Say 2.78 327f Pn 04 43 18.6 0.0
AML Almayashu 2.93 8f Pn 04 43 50.4 -0.4

INET 10 04:49:10.7, 13.06N, 89.65W, h35km, MW3.7
INET 10 04:49:11.4, 1.0, 13.16N, 89.64W, h39km, 14km, ML3.2

Code Station Name Delta AZ Phase ID Time Res
LALI Alcaldia de L 0.43 40 eP Sg 04 49 21.5 -0.4
LALI Alcaldia de L 0.43 40 eP Sg 04 49 21.5 -0.4

IDC 10 04:49:12.1_3.8, 13.15N, 89.87W, h64km, 7km, MD3.5
ISC 10 04:49:12.1_3.8, 13.15N, 89.87W, h64km, 7km, MD3.5

IDC 10 04:49:12.1_3.8, 13.15N, 89.87W, h64km, 7km, MD3.5
ISC 10 04:49:12.1_3.8, 13.15N, 89.87W, h64km, 7km, MD3.5

Code Station Name Delta AZ Phase ID Time Res
LALI Alcaldia de L 0.43 40 eP Sg 04 49 21.5 -0.4
LALI Alcaldia de L 0.43 40 eP Sg 04 49 21.5 -0.4
LALI Alcaldia de L 0.43 40 eP Sg 04 49 21.5 -0.4

IDC 10 04:56:51.2_1.6, 4.24S, 129.56E, h0km, mb3.6/1,
mb1 4.0/4, mb1 mx3.5/35, mbtmp3.8/4, ML3.5/3, MS3.5/1,

Code Station Name Delta AZ Phase ID Time Res
MSAI Masohi 1.01 330 P S Sg 04 57 12.6 -0.6
MSAI Masohi 1.01 330 P S Sg 04 57 12.6 -0.6

10d 04:57:46.3-2.7, 4.02S:129.73E, h0km, mb3.6/1, mb1.3/9/16, mb1mx3.3/31, mbtmp3.7/3, ML3.5/2, Error ellipse: s-maj=175.9km s-min=31.9km az=69.0, Banda Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	16.45 16Z	Op	h m s	ISC
ASAR	Alce Springs	19.95 169 P	Pn	05 01 20.0	0.0
MKAR	Makanchi Array	65.60 326 P	P	05 08 32.2	0.0

SJA 10 05:00:17.6-0.5, 23.86S:66.89W, h208km, 4km, ML4.3, MW4.2

VAO 10 05:00:18.3-0.3, 23.79S:66.79W, h191km, mb4.3

NEIC 10 05:00:18.4-1.3, 23.84S:0.06-66.83W, 0.08, h190km, 6km, mb4.3/33, Error ellipse: s-maj=11.7km s-min=7.7km az=60.0

10d 05:00:18.0-1.0, 23.81S:66.71W, h184km, 9km, mb3.6/10, mb1.3/9/16, mb1mx3.8/24, mbtmp4.2/16, MS2.8/1, Ms1.2/8/1, ms1mx3.2/18, Error ellipse: s-maj=17.3km s-min=12.3km az=23.0

GUC 10 05:00:18.0-1.0, 23.71S:67.27W, h244km, 5km, ML4.9

ISC 10 05:00:18.3-0.3, 23.82S:0.04-66.99W, 0.04, h195km, 6km, 1162, 0.11/189, mb4.2/21, 13C, Juiuy Province

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
HJA	Humahuaca	1.50 66 eP	Pn	05 00 52.9	+0.9
SLA	San Lorenzo	1.56 126 eP	Pn	05 01 11.7	+1.0
SLA	San Lorenzo	1.56 126 eS	Pn	05 01 19.2	+0.4
AZAP	Zapla	1.73 104 eP	Pn	05 00 54.5	+0.5
YJA	Yavi	2.07 38 eP	Pn	05 00 59.2	+1.4
YJA	Yavi	2.07 38 eS	Pn	05 01 30.2	+1.9
LVC	Limon Verde	2.20 303 eP	Pn	05 01 00.3	+1.2
LVC	Limon Verde	2.20 303 eS	Pn	05 01 31.8	+1.1
LVC	Limon Verde	2.20 303 eP	Pn	05 01 00.3	+1.2
LVC	Limon Verde	2.20 303 eS	Pn	05 01 30.7	+1.2
LVC	Limon Verde	2.20 303 eP	Pn	05 01 31.6	+0.9
LVC	Limon Verde	2.20 303 eS	Pn	05 01 35.2	
ASTB	Santa Barbara	2.25 94 eP	Pn	05 00 59.7	+0.4
FSA	Cafayeta	2.43 160 eP	Pn	05 01 09.7	+1.1
FSA	Cafayeta	2.43 160 eS	Pn	05 01 49.0	+1.4
PB15	IPOC Station P	2.44 284 eP	Pn	05 01 02.5	+1.0
PB15	IPOC Station P	2.44 284 eS	Pn	05 01 35.4	+0.4
PB15	IPOC Station P	2.44 284 eP	Pn	05 01 02.5	+1.0
PB15	IPOC Station P	2.44 284 eS	Pn	05 01 35.3	+0.4
PB06	IPOC Station P	2.69 294 eP	Pn	05 01 05.4	+1.1
PB06	IPOC Station P	2.69 294 eS	Pn	05 01 39.8	-0.4
PB06	IPOC Station P	2.69 294 eP	Pn	05 01 05.2	+0.9
PB06	IPOC Station P	2.69 294 eS	Pn	05 01 39.6	-0.5
PB06	IPOC Station P	2.69 294 eP	Pn	05 01 05.2	+0.9
PB06	IPOC Station P	2.69 294 eS	Pn	05 01 40.4	+0.2
PB09	IPOC Station P	2.95 312 eP	Pn	05 01 08.7	+1.4
PB09	IPOC Station P	2.95 312 eS	Pn	05 01 45.6	+0.1
PB09	IPOC Station P	2.95 312 eP	Pn	05 01 08.6	+1.2
PB09	IPOC Station P	2.95 312 eS	Pn	05 01 45.1	+0.4
PB09	IPOC Station P	2.95 312 eP	Pn	05 01 45.9	+0.3
PB09	IPOC Station P	2.95 312 eS	Pn	05 01 49.4	
PB03	IPOC Station P	3.16 303 eP	Pn	05 01 10.5	+0.7
PB03	IPOC Station P	3.16 303 eS	Pn	05 01 48.7	-1.4
PB05	IPOC Station P	3.18 287 eP	Pn	05 01 10.3	+0.2
PB05	IPOC Station P	3.18 287 eS	Pn	05 01 48.5	-1.9
AHML	Horcio Molle	3.28 155 eP	Pn	05 01 11.2	+0.1
AHML	Horcio Molle	3.28 155 eS	Pn	05 01 50.5	-2.0
PB14	IPOC Station P	3.30 255 eP	Pn	05 01 11.6	-0.1
PB14	IPOC Station P	3.30 255 eS	Pn	05 01 52.0	+0.4
PB14	IPOC Station P	3.30 255 eP	Pn	05 01 52.2	+0.9
PB14	IPOC Station P	3.30 255 eS	Pn	05 01 55.5	
PB04	IPOC Station P	3.33 296 eP	Pn	05 01 12.2	+0.2
PB04	IPOC Station P	3.33 296 eS	Pn	05 01 52.1	-1.6
PB04	IPOC Station P	3.33 296 eP	Pn	05 01 12.6	+0.6
PB10	IPOC Station P	3.36 274 eP	Pn	05 01 12.7	+0.6
PB10	IPOC Station P	3.36 274 eS	Pn	05 01 52.0	-2.2
PB10	IPOC Station P	3.36 274 eP	Pn	05 01 12.6	+0.5
PB10	IPOC Station P	3.36 274 eS	Pn	05 01 12.8	+0.6
PB10	IPOC Station P	3.36 274 eP	Pn	05 01 53.4	+0.8
PB10	IPOC Station P	3.36 274 eS	Pn	05 01 54.7	
PB07	IPOC Station P	3.45 306 eP	Pn	05 01 13.9	+0.5
PB07	IPOC Station P	3.45 306 eS	Pn	05 01 54.5	-1.9
AC02	Maricunga	3.62 213 Pn	Pn	05 01 16.3	+0.6
AC01	IPOC Station P	3.65 319 eP	Pn	05 01 16.0	+0.3
PB01	IPOC Station P	3.65 319 eS	Pn	05 01 59.1	-1.6
PB02	IPOC Station P	3.72 311 eP	Pn	05 01 16.7	+0.1
PB02	IPOC Station P	3.72 311 eS	Pn	05 01 59.2	-1.5
PB08	IPOC Station P	4.21 330 eP	Pn	05 01 24.1	+1.0
PB08	IPOC Station P	4.21 330 eS	Pn	05 02 13.7	-0.1
PB08	IPOC Station P	4.21 330 eP	Pn	05 01 23.8	+0.8
PATCX	Punta Patache	4.24 314 eP	Pn	05 01 22.5	-0.6
PATCX	Punta Patache	4.24 314 eS	Pn	05 02 11.1	-2.8
TA01	Diego Aracena	4.44 316 eP	Pn	05 01 22.2	-0.9
TA01	Diego Aracena	4.44 316 eS	Pn	05 01 25.0	-0.5
TA01	Diego Aracena	4.44 316 eP	Pn	05 02 15.3	-2.9
TA01	Diego Aracena	4.44 316 eS	Pn	05 01 25.3	-0.2
HMB3	Humberstone	4.48 321 eP	Pn	05 01 25.2	-1.0
HMB3	Humberstone	4.48 321 eS	Pn	05 01 56.2	-3.1
PB11	IPOC Station P	4.78 327 Pn	Pn	05 01 29.1	-0.9
GO03	Copiap	4.82 218 Pn	Pn	05 01 28.7	-1.6
AC04	Llanos de Chal	5.76 220 Pn	Pn	05 01 41.4	-1.0
PB16	IPOC Station P	5.97 335 Pn	Pn	05 01 45.9	+0.1
PB12	IPOC Station P	6.08 328 Pn	Pn	05 01 46.7	-0.1
LC0	Las Campanas	6.19 213 Pn	Pn	05 01 46.3	-2.0
CO05	La Serena	7.21 212 Pn	Pn	05 02 01.1	-0.1
GO04	Tololo Observa	7.22 208 Pn	Pn	05 02 01.3	-0.3
LPZA	La Paz	7.58 351 Pn	Pn	05 02 07.5	+0.8
LPZA	La Paz	7.58 351 eP	Pn	05 03 32.5	-0.2
LPZA	La Paz	7.58 351 eP	Pn	05 02 06.7	-0.1
LPZA	La Paz	7.58 351 eS	Pn	05 02 07.9	+1.1
CPUP	Villa Florida	9.03 108 Pn	Pn	05 02 23.4	-1.6
CPUP	Villa Florida	9.03 108 eP	Pn	05 02 59.4	
CPUP	Villa Florida	9.03 108 eS	Pn	05 02 23.9	-1.1
CPUP	Villa Florida	9.03 108 eP	Pn	05 02 23.3	-1.7
VA03	San Esteban	9.15 35 eP	Pn	05 02 23.0	-1.1
SIV	San Ignacio	9.52 36 Pn	Pn	05 02 30.0	-1.6
SIV	San Ignacio	9.52 36 eP	Pn	05 04 03.0	-1.5
MT02	Curacav	10.12 201 Pn	Pn	05 02 38.4	-0.7
IT0B	Itaqi	10.88 125 eP	Pn	05 02 47.6	-1.4
PTLB	Pontes e Lacer	11.08 43 eP	Pn	05 02 50.5	-1.1
PTLB	Pontes e Lacer	11.08 43 eP	Pn	05 02 50.7	-0.9
PP1B	Ponte de Pedra	12.83 63 eP	Pn	05 03 12.8	-1.1
SALV	Santo Antonio	13.15 35 eP	Pn	05 03 17.1	-0.9
CP5B	Capacava Do Su	13.62 122 eP	Pn	05 03 23.0	-1.3
ETMB	Extrema	13.94 3 eP	Pn	05 03 27.3	-0.5
ETMB	Extrema	13.94 3 eP	Pn	05 03 27.8	+0.1
PLTB	Pedras Altas	14.18 127 eP	Pn	05 03 29.3	-1.3
PLTB	Pedras Altas	14.18 127 eP	Pn	05 03 29.5	-1.1
PCMB	Pacaembu	14.89 94 eP	Pn	05 03 35.0	-0.4
TRQA	Tornquist	14.81 165 eP	Pn	05 03 38.1	-0.3
TRQA	Tornquist	14.81 165 eP	Pn	05 03 36.5	-1.7
CNBL	Canela	15.36 114 eP	Pn	05 03 44.3	-1.0
PRDB	Porto dos Gac	15.52 40 eP	Pn	05 03 46.9	-0.4
LC01	Cunco	15.62 195 P	P	05 03 49.0	+0.7

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
LC01	comp=Z,14nm,1.1s				
ITRB	Kurama	15.90 78 eP	P	05 03 51.1	-0.5
FRTB	Fartura	15.90 92 eP	P	05 03 50.9	-0.7
ARA3	Araruama, MT	16.26 63 eP	Pn	05 03 56.6	-0.3
TU01	Guararu-PR	16.26 63 eP	Pn	05 03 56.6	-0.2
TER01	Tubarao-SC	16.63 110 eP	P	05 03 59.3	-0.2
CLDB	Colider	16.66 41 eP	P	05 03 59.4	-0.6
PLCA	Paso Flores	17.14 189 eP	P	05 04 06.0	+0.9
PLCA	Paso Flores	17.14 189 eP	P	05 04 05.2	0.0
PLCA	Paso Flores	17.14 189 eP	P	05 04 14.2	
BB19B	Bededouro	17.20 84 eP	Pn	05 04 06.6	-0.8
LL04	Puerto Octay	17.66 194 P	P	05 04 11.2	+0.6
LL04	Puerto Octay	17.66 194 P	P	05 04 11.8	
RCLB	Rio Claro- Sao	17.87 89 eP	P	05 04 12.5	-0.8
PEI01	Ihanhaem-SP	17.93 96 eP	P	05 04 13.4	-0.4
VAO	Vailinhos	18.32 91 eP	P	05 04 17.9	-0.2
LL05	Los Muermos	18.38 196 P	P	05 04 19.5	+1.0
IPMB	Ipameri, GO	18.39 75 eP	P	05 04 18.8	-0.2
SANB	Serra Nova Duda	18.93 54 eP	P	05 04 24.0	-0.7
PARB	Paraibuna	19.51 93 eP	P	05 04 30.8	-0.2
BDFB	Brasilia	19.54 69 eP	P	05 04 31.1	-0.2
BDFB	Brasilia	19.54 69 eP	P	05 04 31.4	+0.1
NPGB	Novo Progresso	20.02 35 eP	P	05 04 34.0	-2.4
GO07	Miladeo Hill	20.04 195 P	P	05 04 36.6	+0.2
GSCB	Bom Sucesso	20.65 87 eP	P	05 04 42.2	-0.5
MAN01	Angra dos Reis	21.00 92 eP	P	05 04 47.2	-0.5
PEXB	Peixe	21.15 60 eP	P	05 04 47.0	-1.4
MACA	Manacapuru-AM	21.39 17 eP	P	05 04 49.6	-1.4
MACA	Manacapuru-AM	21.39 17 eP	P	05 04 49.7	-1.2
VACO1	Vassouras-RJ	21.64 91 eP	P	05 04 53.5	+0.1
COV0	Coyhaique	22.11 190 P	P	05 04 58.1	+0.3
COV0	Coyhaique	22.11 190 P	P	05 05 02.4	
ITTB	Itaituba	22.13 31 eP	P	05 04 56.7	-1.7
DIAM	Diamantina, MG	22.35 80 eP	P	05 04 59.8	-0.8
DUB01	Frriburgo-RJ	22.65 91 eP	P	05 05 02.7	-0.2
MC01	Montes Claros	22.65 76 eP	P	05 05 01.2	-1.5
JANB	Januaria	22.99 72 eP	P	05 05 05.0	-1.2
CAM01	Campos-RJ	23.34 90 eP	P	05 05 08.5	-0.8
SMTB	Santa Maria do	23.71 54 eP	P	05 05 11.8	-1.0
SDBA	SAO DESIDERIO	23.75 65 eP	P	05 05 11.8	-1.3
PTGA	Porto Alegre	24.08 17 eP	P	05 05 14.0	-0.5
PRPB	Parauapebas	24.03 46 eP	P	05 05 14.0	-1.6
ALF01	Guarapari-ES	24.43 88 eP	P	05 05 18.5	-0.7
SJMB	Sao Joao De Ma	24.48 83 eP	P	05 05 19.5	-0.3
GSFB	Guara de F	24.76 93 eP	P	05 05 19.1	-1.0
MALB	Monte Alegre	25.03 87 eP	P	05 05 24.2	-0.5
RIB01	Linhares ES	25.04 85 eP	P	05 05 23.3	-1.5
NANO1	Guarapari, ES	25.70 82 eP	P	05 05 29.4	-1.3
GU04	Guaratinga, BA	26.40 79 eP	P	05 05 36.2	-0.8
BOAV					

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PB01, PB08, PATCX, TA01, TA02, PB09, PB07, PB04, PB03, PB06, PB12, PB16, PB15, PB10, PB14, LPAZ, LPZA, LPAC, GO03, SIV, ETMB, CZSB, SALV, PP1B, ITQB, PDRB, TRCB, PTGB, TBGT, PCMB, CPBS, ARAG, ITRB, TRQA, TRQA, NPGB, SNDB, MACA, MACA, BB19B, TDR1, IPMB, PLCA, PLCA, RCLB, BDFB, ITTB, PTGA, MALB, SMTB, DIAM, M001, JANB, BOAV, BOAV, SDBA, MCPB, GDU01, TXAR, SNA4, SNA4, DBIC, TORO, TORO, TORO, H1S2, H1S1, H1S3, H1S3, H1N2, H1N1.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ZAAO, KURK, KURB, KURB, MAKZ, MAKZ, BNDI, MSAI, AAI, FAKI, FAKI, SIJI, SWI, LBMI, SANI, SANI, KNRA, WRA, WRA, QIS, MBWA, PSA00, ASAR, ASAR, MTSU, WRKA, CTAO, STKA, SONM, MKAR, ANF, NEIC, PAS, ISC, BBRC, CFSC, RSCB, RRX, RRX, GVDA, HEC, HEC, BFSC, MURC, MURC, BELC, BELC, PFO, PFO, PFO, GSC, GSC, GSC, MWC, MWC, GMRC, GMRC, GVRG, EDW2, EDW2, PASC, PASC, PASC.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DECC, BC3, FMP, FMP, LRMC, LRMC, TUQ, TUQ, IRM, IRM, 109C, 109C, 109C, 109C, OSO, OSO, OSO, OSO, CIS, CIS, SWSC, SWSC, BAR, BAR, SHOC, SHOC, IKP, IKP, MPMC, MPMC, ARVC, ARVC, GWY, NEE2, ISA, ISA, GLA, GLA, GLA, GLA, CCUT, CCUT, DECC, BC3, FMP, LRMC, TUQ, IRM, 109C, OSO, CIS, SWSC, BAR, SHOC, IKP, MPMC, ARVC, GWY, NEE2, ISA, GLA, CCUT, DECC, BC3, FMP, LRMC, TUQ, IRM, 109C, OSO, CIS, SWSC, BAR, SHOC, IKP, MPMC, ARVC, GWY, NEE2, ISA, GLA, CCUT.

Table with columns: ASAR, comp, LR, LR, 08 48 03.1, 08 34 36.5 +0.7, 08 35 38.2 -0.2, 08 49 37.1, 08 35 54.0 -1.2, 08 50 28.0, 08 36 17.7, 08 35 57.2 -0.4, 08 36 02.9 +0.7, 09 19 55.8, 09 20 03.9, 09 20 01.6, 09 20 42.4, 09 20 40.9, 09 20 43.7, 09 37 31.4 +0.8, 08 37 51.2 +1.5, 08 38 40.0 +0.5, 08 39 05.7 -0.5, 08 39 05.7 -0.5, 08 39 05.7 -0.5, 08 39 08.5 +0.2, 08 41 17.7 -0.4, 08 41 37.9, 08 41 37.8 -0.6, 08 42 08.4 -1.1

IDC 10 08:43:27.6:3.0,36.42N;70.62E,h205km,26km,mb3.5/9, mb1 3.5/15,mb1mx3.2/55,mbtmp4.1/15, Error ellipse: s-maj=22.1km s-min=17.3km az=178.0
NEIC 10 08:43:27.7:2.8,36.50N;0.06:70.32E;0.09,h204km,4km, mb4.3/9, Error ellipse: s-maj=9.9km s-min=8.2km az=88.0
NNC 10 08:43:32.5:3.6,37.02N;70.07E,h182km,51km,mb3.5, mpv4.4, Error ellipse: s-maj=32.6km s-min=21.0km az=33.0
ISC 10 08:43:26.8:0.6,3648N;0.05:70.35E;0.06,h204km,n75, az=20/85,mb3.8/8,3C-7D,Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KBL, ChGR, GARM, CEP, DRK, BTX, CHCP, NIL, THW, TAS, AML, DHRM, UCH, KK02, AAK, AAK, AAK, AAK, AAK, KBK, CHMS, BOOM, USP, TKM2, TKM2, SMLA, SMLA, SMLA, NDI, NDI, KUDL, KUDL, AYAN, GEYT, SONA, MAKZ, PYUN, MK31, MKAR, DANN, KOLN, BHPL, GKN, AB31, AB31, ABKAR, ABKAR, DMN, KURBB, KKN, KURK, KURK, PKIN, PKI, GUN

Table with columns: AKTO, AKTO, AKTO, BVAR, BRVK, BRVK, RAMM, TAPN, ODAN, ZAAO, ZAAO, ZALV, ZALV, SHL, ARU, ARU, NRIK, NRIK, NRIK, NRIK, FINES, KEV, ARCES, ARCES, ARCES, TORO, WRA, ASAR, KRNET, SOME, ISC

KRNET 10 08:45:04.7:0.1,42.41N;78.38E,h15km,mb2.7
SOME 10 08:45:05.0,42.47N;78.35E,h10km
ISC 10 08:45:04.1:0.1,42.43N;0.03:78.38E;0.03,h16km,6km, n19,az=86/38,12C,Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, PRZ, SATY, SATY, ANVS, ANVS, ZHN, ZHN, TARG, TARG, UZB, UZB, KDJ, KDJ, KURS, KURS, TNSS, TNSS, MDOK, MDOK, KOTS, KOTS, IZV, IZV, ULHL, ULHL, ULHL, ULHL, KTMS, KTMS, KTBS, KTBS, BOOM, ARXS, ARXS, DJR, DJR, KRBS, KRBS, KRBS

ISC 10 08:45:32.9:2.4,1.53N;126.54E,h0km,mb3.2/3, mb1 3.4/3,mb1mx3.3/33,mbtmp3.8/7,ML3.6/1,MS3.2/4, Ms1 3.2/4,ms1mx2.9/40, Error ellipse: s-maj=136.0km s-min=19.8km az=146.0
ISC 10 08:45:10.9:2.0,15.55S;0.7:173.5W;0.5,h10km,n16, az=152/8,mb3.9/6,Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA, WRA, ASAR, MKAR, IDC, IDC, AFI, AFI, AFI, GTO, DRS, KTO, KAKU, KNRA, KNUR, DAV, FITZ, WBO, WRAB, WRAB, WRA

Table with columns: MSVF, DZM, HNR, H11S2, H11S3, H11S1, H11N3, H11N1, H11N2, STKA, WRA, ASAR, NVAR, PDAR, ILAR

IDC 10 08:57:09.0:2.7,3.92S;130.28E,h0km,mb3.7/1, mb1 4.0/3,mb1mx3.6/41,mbtmp3.8/3,ML3.4/2, Error ellipse: s-maj=185.5km s-min=28.8km az=71.0
DJA 10 08:57:11.6:1.0,4.5S;6.12E,az=114km,7km,ML4.0/8, mb4.6/1,MLV3.7/8
ISC 10 08:57:14.2:1.1,4.21S;0.09:129.42E;0.07,h35km,n9, az=194/11,Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MSAI, MSAI, AAI, AAI, FAKI, FAKI, LBMI, LBMI, WRA, ASAR, MKAR

ISC 10 09:07:45.4:1.0,48.39N;0.05:18.11E;0.04,h10km,n8, az=85/12,Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JAVC, JAVC, KOLL, KOLL, VYHS, VYHS, MODS, MODS, MORC, MORC, VRAC, VRAC, KRUC, KRUC

IDC 10 09:08:08.8:1.4,4.15S;129.43E,h0km,mb4.0/2, mb1 3.9/5,mb1mx3.6/41,mbtmp3.8/5,ML3.3/3,MS3.0/1, Ms1 3.0/1,ms1mx2.3/35, Error ellipse: s-maj=54.1km s-min=25.8km az=80.0
DJA 10 09:08:12.9:1.0,4.5S;7.12E,az=226km,9km,M3.7/6, MLV3.7/6
ISC 10 09:08:13.3:1.0,4.12S;0.08:129.41E;0.06,h36km,n11, az=150/13,Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MSAI, MSAI, AAI, AAI, FAKI, FAKI, SIJI, SIJI, SWI, SWI, LBMI, LBMI, SANI, SANI, WRA, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB, SIJI

IDC 10 09:19:51.5:0.8,4.17S;129.39E,h0km,mb4.1/7, mb1 4.3/10,mb1mx3.7/47,mbtmp4.2/10,ML4.0/3,MS3.2/3, Ms1 3.2/3,ms1mx2.7/37, Error ellipse: s-maj=39.1km s-min=17.7km az=70.0
DJA 10 09:19:54.4:0.3,4.3S;3.12E,az=110km,ML4.1/2,mb4.3/4, MLV4.1/2
NEIC 10 09:19:54.4:3.0,4.15S;0.08:129.39E;0.08,h10km,1km, mb4.0/13, Error ellipse: s-maj=14.6km s-min=12.8km az=236.0
ISC 10 09:19:56.8:0.6,4.15S;0.06:129.40E;0.05,h36km,n48, az=132/48,MB4.0/7,Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, BNDI, MSAI, MSAI, AAI, AAI, FAKI, FAKI, FAKI, SIJI, SIJI, SWI, LBMI, SANI, SANI, KMPI, SOEI, GTO, DRS, KTO, KAKU, KNRA, KNUR, DAV, FITZ, WBO, WRAB, WRAB, WRA

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTAO Charters Tower, MEEK Maekatharra, BJT Beijiatu, etc.

KRNET 10 10:04:18.6:0.1,38.88N:73.18E,h7km,mb4.0
NNC 10 10:04:25.3:0.3,39.09N:73.30E,h0km,mb4.4,mpv3.9,
Error ellipse: s-maj=23.4km s-min=13.8km az=169.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SFK Sufi-Kurgan, DRK Karamyk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TRKS baz=30, AML Almayashu, UCH Uchtor, etc.

KRNET 10 10:16:02.0:0.1,39.24N:73.14E,h21km,mb2.8
NNC 10 10:16:03.5:0.1,39.03N:73.15E,h0km,mb3.6,mpv3.3,
Error ellipse: s-maj=40.6km s-min=27.2km az=174.0

ISC 10 10:16:05.2:0.2,39.55N:071.7302E,0.06,h10km,n8,
c1869/14,12C-4D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SFK Sufi-Kurgan, DRK Karamyk, etc.

TUL 10 10:16:19.4:0.9,36.48N:0.02,98.75W:0.02,h3km,6km,
ML2,7,mb, Lq2,4.14(NE/C), Error ellipse: s-maj=3.1km
s-min=1.6km az=140.0

NEIC 10 10:16:19.9:1.3,36.47N:0.02,98.72W:0.02,h3km,6km,
Error ellipse: s-maj=3.1km s-min=2.2km az=145.0,
Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like U32A Winter Ranch, OK032 Salt Plains WL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAN09, KAN13 South Haven SW, BCOK Bluff Creek, etc.

IDC 10 10:24:14.5:2.3,6'03S:130'47E,h118km,23km,mb3.8/4,
mb1 3.9/9,mb1mx3.6/35,mbtmp4.2/9, Error ellipse:
s-maj=25.7km s-min=16.3km az=83.0

DJA 10 10:24:26.5:0.4,5'33.11'E, h156km,10km,M4.5/11,
mb4.5/5,mb4.5/4,MLV4.4/1,MW(mB)4.9/1,
ISC 10 10:24:15.7:0.7,5.98S:0.06,130.67E:0.07,h150km,n28,
c2523/30,mb3.9/4,Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BNDI Bandanaira, MSAI Masoni, FAKI Fak Fak, etc.

DJA 10 10:25:54.0:0.7,2'S:8'13.0"E,h41km,12km,M4.5/5,
mb6.1/4,mb6.6/1,MLV3.6/5,MW(mB)6.4/1,Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SWI Sorong, LBMI Labuha, TNG Tangerang, etc.

SOME 10 10:35:36.8,43.65N-69.63E
KRNET 10 10:35:37.5:0.1,43.71N:69.58E,mb3.0
NNC 10 10:35:39.0:1.6,43.68N:69.83E,h0km,mb3.9,mpv3.3,
Error ellipse: s-maj=8.6km s-min=5.3km az=136.0,
Suspected Mining explosion.

ISC 10 10:35:41.9:1.8,43.55N:07.69,82E:0.08,h0km,n16,
c1816/23,11C-3D,Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRLS Boroday, BRLS Boroday, KK02 Karatay Array, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like SNZO, BFZ, QRZ, ARGC, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like WRAB, WRAB, WRAB, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like SPMN, Q24A, IKP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TDK, MDOK, TKM2, etc.

IDC 10 13:46:47.2±2.5, 39°46N-52°33E, h0km, mb3.6/2, mb1 3.7/6, mb1mx3.4/44, mbtmp3.7/6, ML3.8/4, Error ellipse: s-maj=37.1km s-min=26.9km az=26.0

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

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

MAN 10 13:52:17.7, 9.85N-123.96E, h10km, mb4.0, ML2.7, MS2.3, Negros

IDC 10 13:57:31.7±1.1, 24°75N-141°38E, h189km, 11km, mb3.2/9, mb1 3.4/12, mb1mx3.1/48, mbtmp3.8/12, Error ellipse: s-maj=22.6km s-min=12.2km az=91.0

ISC 10 13:57:32.7±0.8, 24.78N-109.141E, 0.2, h200km, n13, 0567/16, mb3.4/10, Volcano Islands region

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

BUL 10 14:01:26.9±1.1, 22.04S-25.33E, h10km, MD4.3, Botswana

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

SKHL 10 14:17:46.5±0.4, 46°50N-141°70E, h8km, 2km, mb4.1/5, JMA 10 14:17:46.1±0.2, 46°72N-141°53E, h13km, M2.6

ISC 10 14:17:46.9±1.5, 46.61N-10.06E-141°16E, 0.1, h11km, n5, 0819/7, Sakhalin Island

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

IDC 10 14:20:33.7±2.8, 7°50S-148°02E, h150km, 29km, mb3.2/6, mb1 3.4/8, mb1mx3.3/26, mbtmp3.6/6, Error ellipse: s-maj=64.3km s-min=25.3km az=124.0

ISC 10 14:20:34.2±1.5, 7.45S-0.1, 148.0E-0.3, h150km, n9, 2504/10, mb3.6/6, Eastern New Guinea region

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

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

IDC 10 14:34:51.2±0.9, 16°93S-175°18E, h0km, mb4.1/7, mb1 4.4/8, mb1mx4.1/26, mbtmp4.1/8, ML4.8/1, MS4.0/5, Ms1 4.0/5, ms1mx3.5/31, Error ellipse: s-maj=29.5km s-min=22.5km az=167.0

NEIC 10 14:34:54.6±0.9, 17.0S-0.1, 175.21E-0.09, h18km, 4km, mb4.3/7, Error ellipse: s-maj=16.2km s-min=11.9km az=164.0

ISC 10 14:34:56.3±0.7, 17.0S-0.1, 175.18E-0.10, h35km, n27, 0597/19, mb4.2/12, MS4.0/4, Phoenix Islands region

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

IDC 10 14:39:59.5±6.0, 7.66S-148°89E, h146km, 34km, mb2.4/1, mb1 2.8/3, mb1mx2.3/47, mbtmp3.1/3, Error ellipse: s-maj=132.7km s-min=55.4km az=122.0, Eastern New Guinea region

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

IDC 10 14:44:31.7±1.3, 30°41S-177°44W, h0km, mb4.7/5, mb1 4.8/6, mb1mx4.1/35, mbtmp4.6/6, ML3.7/1, MS3.5/1, Ms1 3.5/1, ms1mx3.0/27, Error ellipse: s-maj=32.2km s-min=24.1km az=101.0

NEIC 10 14:44:34.8±1.0, 30°38S-0°07E-177°7W-0.2, h10km, 2km, mb4.7/10, Error ellipse: s-maj=29.3km s-min=11.2km az=94.0

ISC 10 14:44:34.2±0.8, 30.42S-0°04E-177°3W-0.2, h10km, n60, 1947/60, mb4.7/10, 1-C-1D, Kermadec Islands

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

Table with columns: STKA, Stephens Creek, 34.67 257 P, P, 14 51 26.5 +2.4, etc.

10d 14:45:06.6: 1.3, 17.01S: 175.17E, h0km, mb4.0/5, mb1 4.3/5, mb1mx3.7/40, mbtmp4.0/5, ML4.3/1, MS4.0/12, Ms1 4.0/12, ms1mx3.8/28, Error ellipse: s-maj=49.6km s-min=27.0km az=179.0

GCMT 10 14:45:33.0: 0.3, 16.72S: 0'02: 175.17E: 0'02: h17km, 2km, Mw4.7, Moment Tensor Solution. s11, c14: 0.73, c97: Duration: 0 Moment tensor: Scale 1016Nm; Mr: 0.30, 13; Mw: 1.32±.13; Ms: 1.02±.11; Mb: 0.08±.28; Mb: 1.84±.09; Mw: 0.22±.29; Best double couple: M2: 19600x1016 Np1±106.00000°, 684.00000°, -15.00000°. NP2: 0±196.00000°, 685.00000°, -174.00000°. Principal axes: T: 2.3310, Plg1.0000°, Azm331.0000°; N: -0.2700, Plg82.0000°, Azm235.0000°; P: -0.2620, Plg8.0000°, Azm61.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

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

10d 14:48:05.0: 0.6, 44.88N: 100.40E, h0km, mb3.9/19, mb1 4.0/25, mb1mx3.9/63, mbtmp3.9/25, ML3.1/5, MS4.0/25, Ms1 4.0/25, ms1mx3.9/46, Error ellipse: s-maj=14.4km s-min=12.6km az=7.0

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

Main table with columns: STA, Name, Az, Phase ID, Time, Res, etc.

Table with columns: STA, Name, Az, Phase ID, Time, Res, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like PPR Puerto Princes, PSA00 Pilbara Seismi, AS31 Alice Springs, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like HNR Honiara, SISI Saibi, KULM Kulim, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like OUZ Omahuta, DGT Dogotuki, JKA Kamikawa-asahi, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like XAN, NJ2, PMG, STKA, etc.

Table with columns: DRGR, BZS, SIRR, KOLS, FINES, etc. Includes station codes and names like WRA, ASAR, CMAR, MKAR, etc.

Table with columns: PB06, LVC, LVC, LVC, LVC, etc. Includes station codes and names like IPOC Station P, Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like U38A, HHAR, KSU1, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like QUOK, OK034, etc.

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

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

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

11d 1h

2015 DEC

580

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TPB, LCH, QSM, ICU, W12A, DSP, MPMC, TPMC, TUQ, TIN, CWC, POCOA, CCLUT, MLNR, GSC, PSUT, PSUT, LCMT, SPR3, SPR3, NV11, NV11, SZCU, SZCU, NVAR, ROCR, LHV, HEC, HEC, MLAC, GMRC, GMRC, KNB, KNB, RYN, RYN, KVN, KVN, ISA, ISA, PKCU, PKCU, U15A, U15A, TCRU, TCRU, TCRU, IRM, MVU, MVU, YERR, YERR, BMN, BMN, BMN, PNTR, PNTR, ELK, ELK, PFO, VCNR, VCNR, CMB, DUG, DUG, DUG, WUAZ, NLU, TMUT, TMUT, TMUT, GLA, GLA, GLA, BGU, BGU, BGU, X16A, SRU, SRU, SRU, X18A, Snowflake.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BCIY, ICI, HLID, HLID, MCMT, EM1, PLID, DLMT, LRM, CMI, BOZ, BOZ, BMO, BMO, MSO, MSO, YMR, YMR, YHH, YHH, FXWY, FXWY, FLWY, FLWY, FLWY, HRV, LOHW, LOHW, LOHW, AHID, JOBA, JOBA, ELK, JLU, JLU, JLU, BCIY, HLID, HLID, HLID, ICI, MCMT, EM1, PLID, PLID, DLMT, DLMT, MFID, MFID, MFID, LRM, CMI, QLMT, BMO, BMO, BMO, BOZ, MCID, MSO, MSO, YMR, F10A, YHH, YHH, FXWY, YPP, ECR, YNR, YNR, YNR, FLWY, TPWV, TPWV, TPWV, H17A, MOOW, YUF, REDW, REDW, REDW, SNOW, HRY, LOHW, AHID, AHID, YMP, YMP, YMP, JOBA, JOBA, JOBA, JTMT, JTMT, G08A, G08A, G08A, SPUT, SPUT, SPUT.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GCMT, HWUT, RLMT, RLMT, RLMT, I07A, I07A, I07A, BGU, BGU, WVOR, WVOR, ELK, ELK, E08A, E08A, E08A, BW06, PD31, D08A, D08A, D08A, F07A, F07A, F07A, NEW, NEW, C09A, CTU, CTU, DUG, DUG, WALA, WALA, WALA, BMN, BMN, BMN, EGMT, NLU, NLU, MOD, BOBA, RDMU, RDMU, RDMU, SPR3, TMUT, PAHR, PAHR, SRU, KVN, R11A, RYN, NV11, NVAR, TPH, PRN, PRN, RSSD, RSSD, LCMT, LCH, KAN06, IDC, DJA, ISC, AAI, AAI, SIJL, SIJL, SWI, SWI, WARA, WARA, MKAR, KURBB, IDC, MOS, AZER, DRS, ISC, GALA, SIZA, SIZA, G08A, G08A, G08A, G08A, G08A, KSMR, KSMR, KSMR.

Table of station data for the 11d 2h period, including call signs, frequencies, and coordinates.

Table of station data for the 2015 DEC period, including call signs, frequencies, and coordinates.

Table of station data for the 582 period, including call signs, frequencies, and coordinates.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and various station codes. Includes stations like MOTA Moosalm, WTTA Wattenberg, RETA Reutte, WATA Walderalm, BALST Balsthal, UBR Ubersherr, etc.

MOS 11 03:20:46.9-1.0, 4.78S:103.07E, h48km, mb5.8/75, M54.3/6, Error ellipse: s-maj=7.6km s-min=4.2km az=116.1
BGR 11 03:20:47.5-0.0, 4.56S:104.32E, h57km, mb5.2
BUJ 11 03:20:47.0-0.0, 5.00S:102.90E, h54km, mb5.3/40, mb5.6/75, M54.2/40, M57.4/42
DJA 11 03:20:48.7-0.2, 5.52S:101.36E, h66km, 3km, M5.1/46, mb5.4/46, mb5.5/35, MLV5.6/28, Mw(mB)5.0/35, Mw(mP)4.8/4, Mw(mP)5.1/4

moment-rate function
KLM 11 03:20:51.5, 5.07S:102.89E, h90km, mb5.4
NEIC 11 03:20:52.5, 16S:102.97E, h50km, Moment Tensor
Solution. Duration: 8s0 Moment tensor: Scale 10^16Nm
M4.30; M5a-2.23; M5b-2.07; M5c2.08; M5d-1.16; M5e-1.06;
Fault plane solution: M4.890000x10^16 NP1:
e=312.00000, s32.00000, t103.00000. NP2:
e=326.00000, s59.00000, t82.00000. Principal axes: T
4.9301, Plg74.0000, Azm15.0000; N -0.9915,
Plg7.0000, Azm130.0000; P -4.8386, Plg14.0000,
Azm222.0000

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and various station codes. Includes stations like LWLI Liwa, LHSL Lahat, MDSI Maura Dua, KSI Kapahiang, KASJ Kota Agung, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and various station codes. Includes stations like BNSI Bone, KKM Kota Kinabalu, BSSI Bau Bau, DLV Mapaga, BASI Baing Sumba, MYLDM Lahad Datu, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like FFC Flin Flon, CMB Columbia Colle, and many others.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like SLBS Sierra La Lagu, BDFB Brasilia, and many others.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like FITZ Fitzroy Crossi, ILAR Eielson Array, and many others.

589

2015 DEC

11d 3h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KK09, TNSS, AAA, MDOK, BRLS, KRBS, KOTS, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BSCQ, F63A, LESO, PKME, MNTQ, F64A, H62A, FRNY, LBNH, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KBK, DZA, CHMS, USP, SGDS, BTK, IUG, etc.

NEIC 11 03:45:09.5:1.5, 46:86N:0:02:71:23W:0:04, h18km, 5km, Error ellipse: s-maj=4.3km s-min=2.6km az=133.0

IDC 11 03:50:17.3:2.9, 41:44N:73:00E, h0km, mb4.0/3, mb1 3.8/7, mb1mx3.5/45, mbtmt3.7/7, ML3.1/4, Error ellipse: s-maj=44.5km s-min=12.1km az=160.0

USU 11 03:50:20.1:0.1, 41:56N:73:02E, h19km, mb3.9, SOME 11 03:50:20.5, 41:52N:73:02E, h19km, mb3.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like QCQC, BCLQ, A11, LMQ, DPO, A61, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like AML, SALK, ANR, OHH, MRKS, EKS2, UCH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TAS, KRBS, KSH, IZV, KDJ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TARG Taragay, KOTS Kotrybulak, KUU Kurty, SATY Saty, KURS Kuram, KKOR Karatay, IUG Iuzhny, BTLS Baital, UZB Uzynbulak, BRLS Borolday, BLB Baldybastay, PDGK Podgornoye, DJR Jarkent, MKAR Makanchi Array, and various Banda Sea stations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi, SNAAS Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, TXAR Lajitas Array, MSAI Masohi, AAI Ambon, FAKI Fak Fak, SIJI Sorong, SWI Sorong, SANI Sanana, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai, MKAR Makanchi Array, MRKS Merke, MRKS Taraz, MRKS Merke, AAK A-Archa, AAK A-Archa, IUG Iuzhny, IUG Iuzhny, IUG Iuzhny, DZA Taraz, CHM Chikment, CHM Chikment, TKM2 Tokmak 2, KST Kasteek, KST Kasteek, KST Kasteek, KK07 Karatay Array, KK07 Karatay Array, SGDS Sogdiny, SGDS Sogdiny, DGS Degeres, DGS Degeres, DGS Degeres, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, CEP Cherat, CEP Cherat, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, MDOK Medeo, MDOK Medeo, MDOK Medeo, KOTS Kotrybulak, KOTS Kotrybulak, KOTS Kotrybulak, KOTS Kotrybulak.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOTS Karatobe, KOTS Karatobe, KUU Kurty, KUU Kurty, THW Thamme Wali, BTLS Baital, ARXS Arharly, ARXS Arharly, ARXS Arharly, BLB Baldybastay, BLB Baldybastay, MKAR Makanchi Array, GEYT Alikeb, KURBS Kurchatov Arra, AB31 Akbulak array, BVAR Borovoye Array, AKTO Aktubynsk, AKTO Aktubynsk, ZALV Zalesovo Beam, WSAR Wadi Sarin, ARU Arti, BELG Belogomoye, BELG Belogomoye, TLY Talaya, KIROV Kirvo, SONM Songino Array, BRTR Keskin Array B, AKASG Malin Array B, FINES Fines Array B, ARCES ARCES Array B, HFS Haglors, TIXI Tikisi, NOA NORSAR Array B, NOA NORSAR Array B, SIJI Sorong, SFJD Keskinussaq, TORD Torodi Ar. Bea, INK Inuvik, YKA Yellowknife Ar, WRA Warramunga Arr, IDC 11 06:45:30.0, IDC 11 06:45:30.0, NEIC 11 06:45:31.9, IDC 11 06:45:31.4, H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, H10N4 ASCENSION HYDR, H10N5 ASCENSION HYDR, H10S2 ASCENSION HYDR, LIC Lamto, TIC Toumudi, KIC Kosan Boka, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, KOWA Kowa, KOWA Kowa, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, BDFB Brasilia, MDT Midelt, MDT Midelt, BOAV Boa Vista, BOAV Boa Vista, ESDC Sonseca Array, ESDC Sonseca Array, SIV San Ignacio, CPUP Villa Florida, ETMB Extrema, ETMB Extrema, BAUV El Baul, LPAZ La Paz, LPAZ La Paz, BOSA Boshof.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ROTU Roteberg, ROTU Roteberg, FALU Falun, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KEF Keuruu, LANU Lannavaara, TRO Tromsø, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PB03, PB03, PB10, etc.

comp=Z,8.7nm,0.8s N38A Joe's South For comp=Z,15nm,0.8s 5.87 41 Iamb_Lg 07 59 33.1

IDC 11 08:01:14.9.2.9, 3.282S, 130.12E, h0km, mb3.3/2, mb1 3.5/3, mb1mx3.3/3, mbtmp3.3/3, ML2.8/1, Error ellipse: s-maj=201.8km s-min=30.1km az=70.0, Seram

IDC 11 08:05:01.4.47.0, 16.36S, 171.08W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.8/3, mbtmp4.1/3, Error ellipse: s-maj=927.8km s-min=190.0km az=80.0, Samoa Islands region

IDC 11 08:19:05.6.8.5, 31.46S, 179.74W, h334km, 96km, mb2.8/3, mb1 3.1/4, mb1mx2.7/28, mbtmp3.7/4, Error ellipse: s-maj=103.6km s-min=37.6km az=177.0

IDC 11 08:19:03.4.1.0, 31.57S, 0.08, 179.2W, 0.1, h350km, n49, az=253/72, mb2.7/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

TUL 11 08:22:40.5.0.7, 35.99N, 0.02, 96.80W, 0.02, h5km, 4km, s-min=2.3km az=151.0

NEIC 11 08:22:40.4.0.6, 35.99N, 0.02, 96.79W, 0.02, h6km, 1km, Error ellipse: s-maj=3.0km s-min=2.4km az=146.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OK031 S. Brethren Rd, OK030 Coxy Creek RV, etc.

comp=Z,8.7nm,1.0s ABTX Abilene, Hawle 4.11 216 Iamb_Lg 08 24 58.5

NOU 11 08:29:47.9, 19.01S, 168.88E, h106km, mb4.7/49, Vanuatu Islands

IDC 11 08:29:47.2.2.5, 19.02S, 168.85E, h114km, 23km, mb4.1/8, mb1 4.3/10, mb1mx3.8/32, mbtmp4.5/10, MS2.8/1, Ms1 2.8/1, ms1mx2.4/36, Error ellipse: s-maj=27.8km s-min=16.4km az=159.0

IDC 11 08:29:47.2.0.5, 19.00S, 0.05, 168.83E, 0.07, h100km, n117, r1929/116, mb4.5/30, 1D, Vanuatu Islands

MSVF Nonsavu 8.85 83 Pn 08 31 55.4 +3.1

CTAO Charters Tower 21.30 263 P 08 34 27.2 +1.3

CTAO Charters Tower 21.30 263 P 08 34 27.2 +1.3

CTAO Charters Tower 21.30 263 P 08 34 27.2 +1.3

CTAO Charters Tower 21.30 263 P 08 34 27.2 +1.3

CTAO Charters Tower 21.30 263 P 08 34 27.2 +1.3

CTAO Charters Tower 21.30 263 P 08 34 27.2 +1.3

CTAO Charters Tower 21.30 263 P 08 34 27.2 +1.3

XAN comp=Z,8.0nm,1.4s pmax pmax

CMAR comp=Z,330nm,4.4s 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,1.4nm,0.3s, baz=134, slow=4.9, SNR=6.8 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,3.3nm,0.8s, baz=54, slow=2.6, SNR=9.4 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,4.2nm,0.5s 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,2.0nm,0.4s, baz=104, slow=3.9, SNR=7.4 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,1.1nm,0.7s 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,1.1nm,0.7s 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,1.1nm,0.7s 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,1.1nm,0.7s 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,1.1nm,0.7s 78.05 294 P 08 41 34.9 -0.5

CMAR comp=Z,1.1nm,0.7s 78.05 294 P 08 41 34.9 -0.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations like MOVZ Moawhango, WATZ Wairara, etc.

11d 10:29:26.79,2.23,61S;177.42W,h88km,82km,mb3.7/3,mb1.0/4,mb1mx3.6/21,mbtpm4.1/4,ML4.7/2,Error ellipse: s-maj=86.2km s-min=39.9km az=175.0

11d 10:29:29.1,1.7,23.9S;0.1:177.28W;0.06,1.11km,9km,mb4.3/18,Error ellipse: s-maj=14.8km s-min=7.8km az=165.0

11d 10:29:28.2,0.23,97S;0.07:177.3W;0.1,1h100km,n28,e+151/31,mb4.2/12, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like MSVF Nonsavu, NIUE Niue, MARCN Mire, Loyalty, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like DRK Karamyk, GAR Garm, BTK Batken, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like BRLS Borolady, DGS Degeres, NIL Nilore, etc.

IL31	Iamb	Iamb	11 23 36.1
ILAR	comp=Z,6.3nm,0.6s	86.14 13 P	11 23 35.0 -1.5
ILAR	comp=Z,3.9nm,0.4s,baz=220,slow=4.9,SNR=40	PP	11 27 01.6 -6.7
ANMO	Albuquerque	86.23 51 P	11 23 38.0 +0.2
ANMO	Albuquerque	86.23 51 P	11 23 38.4 +0.5
POKR	Poker Flat Res	86.33 13 P	11 23 35.8 -1.6
N31M	Braeburn, Yuko	86.34 19 P	11 23 37.6 +0.1
P33M	Teslin, Yukon	86.35 21 P	11 23 37.9 +0.2
MCMT	McKenzie Canyo	86.42 40 P	11 23 38.9 +0.4
XAN	Xi'an	86.46 307 P	11 23 39.8 +1.0
AHID	Auburn Hatcher	86.52 43 P	11 23 39.6 +0.6
J26L	Joseph Creek	86.66 14 P	11 23 38.9 -0.1
M50	Missoula	86.77 38 P	11 23 40.3 +0.3
M50	Missoula	86.77 38 P	11 23 40.5 +0.5
DLMT	Dillon	86.84 40 P	11 23 40.9 +0.5
DLMT	Dillon	86.84 40 P	11 23 41.6
M30M	Minto, Yukon	86.88 18 P	11 23 39.8 -0.3
TPAW	Teton Pass	86.96 42 P	11 23 41.9 +0.8
REDW	Red Top Meadow	86.96 42 P	11 23 41.7 +0.6
FWXY	Fox Creek	86.98 42 P	11 23 41.9 +0.7
SNOW	Snow King Moun	87.07 42 P	11 23 42.6 +0.9
S22A	4UR Ranch, Cre	87.16 49 P	11 23 42.6 +0.3
LRM	White River Cj	87.16 40 P	11 23 42.2 +0.2
O20A	White River Cj	87.21 46 P	11 23 42.4 +0.6
O20A	White River Cj	87.21 46 P	11 23 44.0
LOHW	White River Cj	87.21 46 P	11 23 42.8 +0.5
O20A	White River Cj	87.24 42 P	11 23 43.1 +0.7
LOHW	White River Cj	87.24 42 P	11 23 43.5
QLMT	Earthquake Lak	87.30 41 P	11 23 43.9 +1.2
M31M	Dry Creek, Y	87.32 19 P	11 23 41.6 -0.5
DAWY	Dawson	87.34 16 P	11 23 41.9 -0.3
FLWY	Flagg Ranch	87.40 42 P	11 23 44.1 +1.0
EGAK	Eagle	87.47 15 P	11 23 42.5 -0.2
EGAK	Eagle	87.47 15 P	11 23 42.2 -0.4
HHC	Hu-ho-hao-te	87.50 314 eP	11 23 43.2 -0.3
HHC	Hu-ho-hao-te	87.50 314 eP	11 23 43.2 -0.3
YMR	Madison River	87.51 41 P	11 23 44.9 +1.2
BW06	Boulder Array	87.52 43 P	11 23 43.8 0.0
BW06	Boulder Array	87.52 43 P	11 23 44.8
BW06	Boulder Array	87.52 43 P	11 23 43.5 -0.2
PD31	Pinedale Array	87.52 43 P	11 23 44.1 +0.4
PD31	Pinedale Array	87.52 43 P	11 23 44.8
PDAR	Pinedale Array	87.52 43 P	11 23 43.8 0.0
PDAR	Pinedale Array	87.52 43 P	11 23 44.8
PDAR	Pinedale Array	87.52 43 P	11 23 43.6 -0.2
BOZ	Bozeman (W)	87.55 40 P	11 23 44.2 +0.5
BOZ	Bozeman (W)	87.55 40 P	11 23 45.4
H17A	Grant Village	87.63 42 P	11 23 46.5 +2.2
H17A	Grant Village	87.63 42 P	11 23 47.1
H17A	Grant Village	87.63 42 P	11 23 45.9 +1.7
YHH	Holmes Hill	87.64 41 P	11 23 45.1 +0.7
FARO	Faro, Yukon	87.67 19 P	11 23 43.3 -0.4
COLD	Coldfoot	87.68 11 P	11 23 43.3 -0.3
COLD	Coldfoot	87.68 11 P	11 23 44.2
COLD	Coldfoot	87.68 11 P	11 23 43.5 -0.1
WTLY	Watson Lake, Y	87.69 22 P	11 23 44.3 +0.4
MAYO	Mayo, Yukon	87.93 18 P	11 23 45.1 +0.2
MAYO	Mayo, Yukon	87.93 18 P	11 23 45.2
HRY	Holter Researc	87.97 39 P	11 23 46.4 +0.7
MMPY	Sheldon Lake	88.61 20 P	11 23 47.8 -0.3
MSTX	Muleshoe	88.62 54 P	11 23 49.5 +0.6
MSTX	Muleshoe	88.62 54 P	11 23 49.7 +0.7
T25A	Trinidad	88.65 50 P	11 23 58.2 +9.0
I29M	Idaho Springs	88.66 16 P	11 23 47.1 -1.2
RLMT	Red Lodge	88.79 41 P	11 23 49.7 +0.1
RLMT	Red Lodge	88.79 41 P	11 23 51.5
Q24A	Divide	88.86 48 P	11 23 51.1 +0.8
ISCO	Idaho Springs	88.89 47 P	11 23 51.1 +0.8
SYO	Syowa Base	88.90 1931 eP	11 25 55.8 +1.4
BMAR	Burnt Mountain	88.92 12 P	11 23 49.5 +0.1
CMAR	Chiang Mai Arr	89.02 290 P	11 23 52.1 +1.1
CMAR	Chiang Mai Arr	89.02 290 P	11 23 51.7 +0.7
TOLK	Toolik Lake Re	89.05 10 P	11 23 49.5 -0.6
N23A	Red Feather La	89.12 46 P	11 23 51.9 +0.6
CHTO	Chiang Mai	89.14 290 P	11 23 51.9 +0.3
K22A	Casper	89.47 45 P	11 23 53.1 +0.4
K22A	Casper	89.47 45 P	11 23 54.0
K22A	Casper	89.47 45 P	11 23 53.3 +0.5
JCT	Junction City	89.64 58 P	11 23 54.5 +0.8
JCT	Junction City	89.64 58 P	11 23 55.0
JCT	Junction City	89.64 58 P	11 23 54.3 +0.7
AMTX	Amarillo	89.80 53 P	11 23 54.9 +0.5
EGMT	Eggleton	89.83 39 P	11 23 54.4 +0.4
EPYK	Eagle Plains	89.86 16 P	11 23 54.2 +0.4
EPYK	Eagle Plains	89.86 16 P	11 23 55.2
EPYK	Eagle Plains	89.86 16 P	11 23 52.9 -0.9
SNA4	Sanae	90.32 179 P	11 23 56.4 +0.3
SNA4	Sanae	90.32 179 P	11 23 56.9 +0.8
VNA3	Neumayer Olymp	90.46 176 P	11 23 57.5 +0.8
A21K	Barrow	90.53 7 P	11 23 56.1 -0.6
ABTX	Ablene, Hawle	90.54 56 P	11 23 58.3 +0.5
ABTX	Ablene, Hawle	90.54 56 P	11 23 58.5 +0.7
VNA2	Neumayer-Watz	90.90 177 P	11 23 59.5 +0.8
LZH	Lanzhou	91.09 308 P	11 24 01.5 +1.1

LZH	LZH	LZH	11 26 08.3 +2.0
LZH	LZH	LZH	11 27 05.3 +1.2
VNA1	Neumayer-Stat	91.13 177 P	11 24 01.3 +1.6
LAO	LASA Array	91.39 41 P	11 24 02.7 +1.3
LAO	LASA Array	91.39 41 P	11 24 02.4 +1.0
WRGLY	Wrigley	91.66 22 P	11 24 02.9 +0.7
RSSD	Black Hills	91.73 44 P	11 24 03.0 -0.2
RSSD	Black Hills	91.73 44 P	11 24 04.0
RSSD	Black Hills	91.73 44 P	11 24 03.6 +0.4
INK	Inuvik	92.14 15 P	11 24 03.4 -0.9
INK	Inuvik	92.14 15 P	11 24 03.3 -0.9
R32A	Long Quarter,	93.31 51 P	11 24 11.2 +0.8
DGMT	Dagmar	93.38 40 P	11 24 11.3 +0.9
DGMT	Dagmar	93.38 40 P	11 24 10.8 +0.4
SONM	Songino Array	93.79 319 P	11 24 11.3 -1.1
YKA	Yellowknife Ar	94.56 25 P	11 24 14.6 -0.9
BGNE	Belgrade	94.75 48 P	11 24 17.8 +1.0
KSU1	Kansas State U	95.09 51 P	11 24 19.2 +0.8
KSU1	Kansas State U	95.09 51 P	11 24 19.6 +1.2
ECSO	EROS Data Cent	96.59 46 P	11 24 24.8 -0.2
A36M	Sachs Harbour	96.73 15 P	11 24 24.9 -0.1
A36M	Sachs Harbour	96.73 15 P	11 24 26.1
A36M	Sachs Harbour	96.73 15 P	11 24 25.2 +0.2
MKAR	Makanchi Array	109.36 314 PKIKP	11 29 20.2 -1.4
SFJD	Kangerlussuaq	120.93 21 PKP	11 29 43.0 0.0
SFJD	Kangerlussuaq	120.93 21 PKP	11 29 43.4 +0.2
ARCES	ARCCESS Array B	126.59 350 PKP	11 29 53.5 -0.4
FINES	FINESS Array B	133.47 344 SKPbc	11 32 41.8 -0.1
AKASG	Malin Array Be	140.82 332 PKHkP	11 30 14.5
AKASG	Malin Array Be	140.82 332 PKHkP	11 30 14.5
AKASG	Malin Array Be	140.82 332 PKHkP	11 30 20.9 -0.1
AKASG	Malin Array Be	140.82 332 PKHkP	11 30 20.9 -0.1
BNN	Bunyan	143.87 312 PKPbc	11 30 26.5 +0.1
LODK	Lowhar	143.87 312 PKPbc	11 30 27.3 +0.2
BURB	Buocovina Ar. S	144.86 332 PKPbc	11 30 28.8 -2.5
BR13	Keskin Array S	145.01 315 PKP	11 30 27.4 -1.5
BRTR	Keskin Array S	145.01 315 PKP	11 30 29.1 +0.3
FLTG	Flechtingen	145.10 350 ePKP	11 30 35.1 +2.6
OSTC	Ostas	145.67 343 ePKP	11 30 32.2 +0.4
OSTC	Ostas	145.67 343 ePKP	11 30 38.0
CLL	Collim	145.74 347 ePKPbc	11 30 31.0 -0.3
CLL	Collim	145.74 347 ePKPbc	11 30 37.5
CLL	Collim	145.74 347 ePKPbc	11 33 17.0 +1.4
CLL	Collim	145.74 347 ePKPbc	11 30 37.6 +3.6
CLL	Collim	145.74 347 ePKPbc	11 30 31.2 -0.1
DPC	Dobruska-Polom	145.82 343 ePKP	11 30 31.5 -0.1
DPC	Dobruska-Polom	145.82 343 ePKP	11 30 38.2
MBAR	Mbarara	145.83 240 PKPbc	11 30 33.4 +0.5
BRG	Bergjieshobel	145.94 346 ePKP	11 30 38.3 +3.9
BRG	Bergjieshobel	145.94 346 ePKP	11 30 40.6
KRLC	Kraliky	145.94 343 ePKP	11 30 32.3 +0.3
KRLC	Kraliky	145.94 343 ePKP	11 30 38.4
FRE	Freiberg	146.03 347 ePKPbc	11 30 38.9 +4.4
PRU	Pruhonice	146.62 345 ePKP	11 30 33.9 +0.2
PRU	Pruhonice	146.62 345 ePKP	11 30 40.0
YVNH	Yyhne	146.69 339 ePKP	11 30 40.6 +3.7
TANN	Tannenbergstah	146.70 347 ePKPbc	11 30 40.5 +3.5
WERD	Werda	146.70 348 ePKPbc	11 30 40.4 +3.5
GUNZ	Gunzen	146.77 347 ePKPbc	11 30 40.9 +3.6
WERN	Wernitzgruen	146.84 347 ePKPbc	11 30 41.1 +3.6
MANZ	Manzenberg	147.18 348 ePKPbc	11 30 41.8 +2.9
ROTZ	Rotzenmuhle	147.37 347 ePKPbc	11 30 42.3 +2.7
GRF	Grafenberg Arr	147.63 348 ePKPbc	11 30 43.0 +2.3
KHC	Kasperske Hory	147.65 345 ePKP	11 30 36.8 +0.3
KHC	Kasperske Hory	147.65 345 ePKP	11 30 43.2 +0.2
CKRC	Cesky Krumlov	147.76 344 ePKP	11 30 44.3
CKRC	Cesky Krumlov	147.76 344 ePKP	11 30 43.6 +1.7
GERES	GERESS Array S	147.89 345 ePKPbc	11 30 37.1 -0.1
GERES	GERESS Array S	147.89 345 ePKPbc	11 30 44.7 +1.7
CONA	Conrad Obscur	148.14 342 eP	11 30 46.3 -0.8
RJOB	Jochberg	149.14 345 ePKPbc	11 30 40.8 -0.1
ZAPS	Zavoje	149.33 329 eP	11 30 47.2 -1.0
BFO	Black Forest	149.44 351 ePKPbc	11 30 41.8 -0.2
BFO	Black Forest	149.44 351 ePKPbc	11 30 47.2 -1.0
BFO	Black Forest	149.44 351 ePKPbc	11 30 34.8 -0.2
BFO	Black Forest	149.44 351 ePKPbc	11 30 41.2 +0.9
BFO	Black Forest	149.44 351 ePKPbc	11 30 40.4 -0.8
BOVS	Bovan	149.50 331 eP	11 30 47.0 -1.7
BOVS	Botho	149.51 342 eP	11 30 47.9 -1.3
KBA	Koelbrennsper	149.62 344 eP	11 30 41.7 -0.1
GRUS	Gruz	149.76 332 eP	11 30 48.0 -2.0
WATA	Walderalm	149.80 347 eP	11 30 49.4 -0.5
OBKA	Oblir	149.81 342 eP	11 30 48.4 -1.5
RETA	Reutte	149.83 348 eP	11 30 48.2 -2.0
WTTA	Wattenberg	149.86 346 eP	11 30 48.4 -1.9
MOTA	Moosalm	149.90 347 eP	11 30 41.8 -0.4
DIVS	Divibare	149.91 333 eP	11 30 41.4 -0.9
DIVS	Divibare	149.91 333 eP	11 30 47.7 -2.8
BOSS	Bosilegrad	149.98 328 eP	11 30 48.7 -2.0
SQTA	Sanik Tundra	149.99 347 eP	11 30 48.6 -2.1
BARS	Barje	150.07 329 eP	11 30 42.4 -0.2
SELS	Selova	150.09 331 eP	11 30 42.3 -0.3
ABTA	Abfaltersbach	150.14 345 eP	11 30 48.4 -2.8
DAVA	Damuzets	150.20 349 eP	11 30 50.0 -1.6
IVAS	Ivanjica	150.25 332 eP	11 30 42.3 -0.7
FETA	Feichten	150.28 347 eP	11 30 49.4 -2.6
SJES	Sjenica	150.58 332 eP	11 30 44.2 -0.1
DAVOX	Davos/Dischmat	150.68 348 ePKPbc	11 30 42.2 -1.9
DAVOX	Davos/Dischmat	150.68 348 ePKPbc	11 30 50.7 -3.0
ESDC	Sonsecq Array	150.84 12 PKPbc	11 31 24.2 -1.0
TORD	Torodi Ar. Bea	174.99 181 PKPbc	11 32 40.2 +0.5
TORD	Torodi Ar. Bea	174.99 181 PKPbc	11 32 40.9 +0.5

NEIC 11 11:18:25.7.2.1, 18.0S:0.1x178.4W:0.1, h570km, 6km, mb4.6/73, Error ellipse: s-maj=16.7km s-min=15.1km az=142.0

BUI 11 11:18:26.0x.0, 18.00S:178.50W, h594km, mB5.0/13, mb4.6/25

IDC 11 11:18:29.2x.0, 17.87S:178.65W, h615km, 8km, mb3.9/22, mb1 4.1/12, mb1mx3.9/41, mbtmp4.8/24, Error ellipse: s-maj=20.9km s-min=8.9km az=148.0

ISC 11 11:18:25.5-0.3, 18.07S:0.07x178.38W:0.06, h579km, n410, e190/427, mb4.6/22, 11-C26D, Fiji Islands region

Code	Station Name	Lat	Lon	Phase ID	Time	Res
MSVF	Nonsavu	3.42 275 P	13.24 253 P	ISC	11 19 49.5 +3.9	
MSVF	Nonsavu	3.42 275 P	13.24 253 P	S	11 20 57.3 +6.5	
MSVF	Nonsavu	3.42 275 P	13.24 253 P	S	11 19 49.1 +3.4	
AFI	Afiatalu	7.58 58 P	15.99 0.3s,baz=247,slow=3.4,SNR=18	P	11 20 20.1 -0.1	
NIUE	Niue	8.07 98 P	15.99 0.3s,baz=247,slow=3.4,SNR=18	P	11 20 26.0 +1.2	
LILOC	Lifonc LIFOU	13.83 256 P	15.99 0.3s,baz=247,slow=3.4,SNR=18	P	11 21 22.1 -0.8	
PINNC	Pines Island, N	14.04 249 P	15.99 0.3s,baz=247,slow=3.4,SNR=18	P	11 21 25.2 +0.2	
SANUV	Sarautout	14.06 279 P	15.99 0.3s,baz=247,slow=3.4,SNR=18	P	11 21 25.4 +0.1	
OUENC	Ouen Island, N	14.53 250 P	15.99 0.3s,baz=247,slow=3.4,SNR=18	P	11 21 29.9 +0.1	
DZM	Mont Dzumac	14.81 252 P	15.99 0.3s,baz=247,slow=3.4,SNR=18	P	11 21 32.3 -0.3	
DZM	Mont Dzumac	14.81 252 P	15.99 0.3s,baz=247,slow=3.4,SNR=18	P	11 21 32.5 -0.1	
ONTNC	Ouen Toro	14.85 251 P	15.99 0.3s,baz=247,slow=3.4,SNR=18	P	11 21 33.1 +0.2	
OUZ						

11d 11h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like M02C Callahan, SWSC Sam W. Stewart, KDAC Kodiak Island, etc.

2015 DEC

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like J20K Nowinta River, 121A Cooke Peak, CHUM Lake Minchumina, etc.

602

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like JCT Junction City, AMTX Amarillo, A21K Barrow, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IGT Igomunita, EFP Epalio, DRO Drossia, etc.

IDC 11 12:33:16.4,2.5,36.88N;139.51E,h0km,mb3.3/2, mb1 3.6/2, mb1mx2.754, mbtmp3.9/2, Error ellipse: s-maj=39.8km s-min=15.4km az=179.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAG Ashikaga, JKT Katashina, JKT Shioa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ La Paz, LPUP Villa Florida, TORO Torodi Ar. Bea, etc.

ATH 11 12:41:41.4, 38.69N-20.62E, h11km, 1km, ML3.3/8, Error ellipse: s-maj=1.7km s-min=0.8km az=308.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DRAG Dragano-Lefkad, DRAG Lefkada island, NYDR Nydri-Lefkada, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSDA Pessada-Kefalo, IGT Igomunita, VTN Vitonika, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAKA Lakka, TRIZ Trizonia, MAK Makarska, etc.

KRNET 11 12:57:09.3,0.1,40.30N;73.11E,h17km,mb2.9 ISU 11 12:57:09,40.10N;73.00E,h5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OHH Osh, SFK Sufi-Kurgan, SALK Salom-Alik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGDS Sogindy, CHM Chiment, KST Kastele, etc.

GUC 11 13:01:32.3,0.6,18.01S;70.65W,h14km,2km,ML3.7, 1C-10, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AP01 Chacalluta, PB12 IPOC Station P, PB16 IPOC Station P, etc.

NEIC 11 13:02:40.9,2.2,4.06S;0.06E,129.52E;0.05,h10km,1km, mb4.9/75, Error ellipse: s-maj=10.0km s-min=8.2km az=147.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNDI, MSAI, AAI, FAKI, SAUI, TMTI, etc.

Table with columns: CHTO, Chiang Mai, 37.73 308, P, Iamb, P, Iamb. Includes stations like JMN, SANVU, JHS, MAJO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAW, GEYT, NRK, ABKAR, OPO, etc.

IASPEI 11 13:17:15.9-0.9, 36.54N-0.02-89.61W-0.02, h15km, 4km Error ellipse: s-maj=3.3km s-min=2.8km az=114.4, GT5 selection from ISC bulletin GT5 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <S>Seism. Res. Let., >80-80, 465-472, 2009 ANF 11 13:17:15.6-0.5, 36.52N-89.60W, h7km, 3km, ML2.7/9, Error ellipse: s-maj=3.1km s-min=2.8km az=60.0 NEIC 11 13:17:16.4-0.9, 36.532N-0.009-89.600W, h10km, 3km, Error ellipse: s-maj=1.3km s-min=0.7km az=190.0 SLM 11 13:17:16.1-1.6, 36.533N-0.010-89.60W-0.02, h8km, 5km, Md2.5/21, mb_Lg2.3/16(NEIC), Error ellipse: s-maj=2.1km s-min=1.4km az=82.0 ISC 11 13:17:16.3-0.8, 36.54N-0.02-89.60W-0.02, h14km, 4km, m69, <072/84, New Madrid region, Missouri

ABTX	Abilene, Hawle	14.80	10	Pn	14 52 50.7	-1.5
ABTX	Abilene, Hawle	14.80	10	P	14 52 52.0	+0.3
121A	Cookes Peak, D	15.13	344	Pn	14 52 57.3	+0.6
121A	Cookes Peak, D	15.13	344	Pn	14 52 59.1	+2.4
TGUH	Tegucigalpa, Un	15.41	103	Pn	14 52 57.9	-2.5
TGUH	Tegucigalpa, Un	15.41	103	Iamb	14 53 21.9	
NAXH	Nacogdoches	15.51	27	P	14 53 01.3	-0.2
MSTX	Muleshoe	15.87	360	P	14 53 06.1	-0.2
TUC	Tucson	15.95	335	P	14 53 08.9	+1.6
LENM	Lemitar	16.50	348	P	14 53 14.5	+0.2
214A	Organ Pipe Nat	16.57	329	P	14 53 16.9	+1.9
AMTX	Amarillo	16.81	3	P	14 53 17.6	-0.6
X34A	Smith Ranch, M	17.08	14	Pn	14 53 21.3	-0.1
X34A	Smith Ranch, M	17.08	14	Iamb	14 53 39.1	
ANMO	Albuquerque	17.16	350	Pn	14 53 22.2	-0.4
ANMO	Albuquerque	17.16	350	LR	15 00 30.6	
ANMO	Albuquerque	17.16	350	LR	14 53 23.7	-0.2
W18A	Petrified Fore	18.11	341	P	14 53 35.1	+0.8
MIAR	Mount Ida	18.38	25	P	14 53 35.5	-1.6
GLA	Glamis	18.47	326	P	14 53 40.9	+2.3
X40A	Basin Creek Fa	18.64	26	P	14 53 37.5	-2.4
TUL1	Leonard	18.85	18	P	14 53 40.4	-1.9
TUL1	Leonard	18.85	18	Iamb	14 53 50.7	
TUL1	Leonard	18.85	18	P	14 53 39.8	-2.5
W39A	Magazine	18.87	23	P	14 53 41.1	-1.4
SWSC	Sam W. Stewart	18.92	324	P	14 53 45.4	+1.5
PDMCI	Parker Dam, Lak	19.13	330	P	14 53 46.6	+1.3
OK03Z	Salt Plains WL	19.13	11	P	14 53 43.9	-1.4
MONPZ	Monument Peak	19.23	323	P	14 53 48.7	+0.8
BC3	Big Chockwall	19.27	326	P	14 53 48.4	+1.4
W18B	Gary Hativity, V	19.47	27	P	14 53 47.6	-1.4
IRM	Iron Mountain	19.50	328	P	14 53 51.3	+1.9
WHAR	Wooley Hollow	19.55	26	P	14 53 48.6	-1.4
T35A	Sooner Cattle	19.61	15	P	14 53 48.2	-2.3
T35A	Sooner Cattle	19.61	15	Iamb	14 54 00.8	
KAN06	Argonia West S	19.63	12	P	14 53 49.1	-1.7
KAN06	Argonia West S	19.63	12	Iamb	14 53 58.2	
MVCO	Mesa Verde	19.76	346	P	14 53 53.9	+1.4
SDCO	Great Sand Dun	19.79	354	P	14 53 51.9	-1.0
BELO	Belle Mtn. Jos	19.82	326	P	14 53 54.4	+1.3
S22A	4UR Ranch, Cre	19.96	351	P	14 53 54.5	-0.3
MURC	Murieta	20.19	323	P	14 53 59.1	+2.1
U40A	Yellville	20.25	24	P	14 53 55.8	-1.7
GMRC	Granite Mounta	20.26	328	P	14 53 59.1	+1.3
LCAR	Lake Charles	20.70	27	P	14 53 59.7	-2.7
CBKS	Cedar Bluff	20.88	7	P	14 54 02.9	-1.5
KNB	Kamat	20.88	337	P	14 54 05.1	+0.5
KSCO	Kaye Shedlock	20.91	0	P	14 54 03.8	-1.0
BFSC	Mount Baldy Ra	20.91	323	P	14 54 07.7	+0.1
GSC	Goldstone, Bar	21.25	327	P	14 54 09.7	+1.2
EDW2	Edwards Air Fo	21.57	324	P	14 54 13.0	+1.1
MTPU	Mount Pierson	21.57	339	P	14 54 13.1	+0.9
KSU1	Kansas State U	21.67	13	P	14 54 10.7	-2.1
ISCO	Idaho Springs	21.83	354	P	14 54 13.0	-1.9
R40A	Maddies Statio	22.18	22	P	14 54 15.8	-2.4
R40A	Maddies Statio	22.18	22	Iamb	14 54 24.9	
MPMC	Manual Prospec	22.18	327	P	14 54 21.2	+2.6
WWT	Waverly	22.35	33	P	14 54 17.0	-3.2
WWT	Waverly	22.35	33	P	14 54 16.9	-3.2
CCM	Cathedral Cave	22.36	24	P	14 54 17.7	-2.5
ISA	Isabella, Lake	22.41	325	P	14 54 23.6	+2.6
P18A	Preston Nutter	22.48	345	P	14 54 21.1	-0.8
O20A	White River Ci	22.53	349	P	14 54 22.1	-0.2
PKM	McPherson Peak	22.63	321	P	14 54 24.9	+1.5
CWC	Cottonwood Cre	22.78	327	P	14 54 26.3	+1.4
VES	Vestal, Richgr	22.88	324	P	14 54 28.6	+2.9
N23A	Red Feather La	22.95	354	P	14 54 25.5	-1.2
W50A	Signal Mountai	23.09	39	P	14 54 24.9	-3.0
W50A	Signal Mountai	23.09	39	Iamb	14 54 33.1	
GOGA	Godfrey	23.11	45	P	14 54 24.9	-3.2
GOGA	Godfrey	23.11	45	P	14 54 25.2	-3.0
R11A	Troy Canyon, C	23.13	334	P	14 54 29.1	+0.6
SPR3	Spring Creek 3	23.19	337	P	14 54 29.4	+0.2
P40A	Paris	23.36	21	P	14 54 27.9	-2.6
P40A	Paris	23.36	21	Iamb	14 54 49.4	
BGNE	Belgrade	23.63	9	P	14 54 32.6	-0.6
DUG	Dugway, Tooele	23.73	341	P	14 54 33.7	-0.6
TKL	Tuckaleechee C	24.33	40	P	14 54 36.9	-2.7
TKL	Tuckaleechee C	24.33	40	LR	15 05 30.8	
TKL	Tuckaleechee C	24.33	40	P	14 54 36.0	-3.6
TKL	Tuckaleechee C	24.33	40	Iamb	14 54 56.4	
NV11	Mina Array Sit	24.36	330	P	14 54 40.9	+0.8
BG3	Lake Jocassee	24.43	42	P	14 54 37.7	-2.9
BG3	Lake Jocassee	24.43	42	Iamb	14 55 03.0	
NVAR	Mina Array Bea	24.43	329	P	14 54 41.6	+0.8
WCI	Wyandotte Cave	24.75	32	P	14 54 40.8	-2.6
K22A	Casper	24.75	353	P	14 54 42.5	-1.1
KVN	Kaiserville	24.83	331	P	14 54 45.2	+0.8
KVN	Kaiserville	24.83	331	Iamb	14 54 48.0	
V53A	Saluda	24.93	41	P	14 54 43.9	-1.3
V53A	Saluda	24.93	41	Iamb	14 54 53.5	
TZTN	Tazewell	25.05	39	P	14 54 44.2	-0.2
ELK	Elko	25.05	337	P	14 54 46.2	-0.2
ELK	Elko	25.05	337	PcP	14 58 20.8	+0.3
ELK	Elko	25.05	337	LR	15 05 32.6	
ELK	Elko	25.05	337	P	14 54 46.2	-0.2
BW06	Boulder Array	25.32	348	P	14 54 47.6	-1.3
PDAR	Pinedale Array	25.32	348	P	14 54 48.0	-0.8
PDAR	Pinedale Array	25.32	348	PcP	14 58 21.1	0.0
PDAR	Pinedale Array	25.32	348	LR	15 05 42.9	
KMSC	Kings Mountain	25.56	44	Iamb	14 54 48.0	-2.9
KMSC	Kings Mountain	25.56	44	Iamb	14 54 58.7	
PNTR	Pine Nut	25.58	329	P	14 54 51.9	+0.6
PNTR	Pine Nut	25.58	329	Iamb	14 54 54.1	
SS1A	Beattyville	25.77	37	P	14 54 49.7	-3.1
SS1A	Beattyville	25.77	37	Iamb	14 55 05.2	
SFIN	Lafayette	26.05	28	P	14 54 52.8	-2.4
ECSD	EROS Data Cent	26.14	10	P	14 54 52.8	-3.3
JFWS	Jewell Farm	26.99	21	P	14 55 00.7	-3.0
HLID	Hatley	27.29	341	P	14 55 05.0	-1.6
RLMT	Red Lodge	27.55	350	P	14 55 07.2	-1.8
BOZ	Bozeman (W)	28.46	347	P	14 55 16.3	-0.7
BOZ	Bozeman (W)	28.46	347	P	14 55 16.0	-1.0
LRM	Limekiln Ridge	28.86	346	P	14 55 19.5	-1.1
EGMT	Eagleton	30.45	351	P	14 55 34.0	-0.6
I05D	Terrebonne, OR	30.52	333	P	14 55 35.6	+0.6
AGMN	Agassiz Nation	30.71	9	P	14 55 34.5	-2.2
J01E	Myr Point	30.80	329	P	14 55 38.3	+0.8
EYMN	Ely	31.23	15	P	14 55 38.9	-2.4
F05D	White Salmon	31.82	335	P	14 55 47.6	+1.2
ULM	Lac du Bonnet	32.62	8	P	14 55 50.5	-2.9
ULM	Lac du Bonnet	32.62	8	LR	15 09 43.6	
ULM	Lac du Bonnet	32.62	8	P	14 55 50.8	-2.6
ULM	Lac du Bonnet	32.62	8	Iamb	14 55 52.2	
E04D	Cineba	32.81	334	P	14 55 56.4	+1.2
YKA	Yellowknife Ar	45.18	352	P	14 57 36.4	-1.9
YKA	Yellowknife Ar	45.18	352	P	14 57 36.8	-1.5
ETMB	Extrema	45.48	355	P	14 57 39.0	-2.3
ETMB	Extrema	45.48	355	P	14 57 40.6	-0.7
TAOE	Nuku Hiva Isla	45.56	237	eS	15 04 25.9	+4.0
TAOE	Nuku Hiva Isla	45.56	237	LR	15 10 31.5	
TAOE	Nuku Hiva Isla	45.56	237	eT	15 46 11.1	
SCHO	Schefferville	45.84	28	P	14 57 41.0	-2.7
SCHO	Schefferville	45.84	28	LR	15 18 49.0	
SCHO	Schefferville	45.84	28	Iamb	14 57 41.5	-2.2
SCHO	Schefferville	45.84	28	Iamb	14 57 50.4	
P33M	Teslin, Yukon	47.33	340	P	14 57 55.3	0.0
WRGLY	Wrigley	47.36	347	P	14 57 54.5	-0.9
LPAZ	La Paz	48.24	133	P	14 58 04.2	+0.7
LPAZ	La Paz	48.24	133	LR	15 16 26.6	
LPAZ	La Paz	48.24	133	P	14 58 03.5	0.0
LPAZ	La Paz	48.24	133	P	14 58 07.7	+0.5
FARO	Faro, Yukon	49.04	342	P	14 58 08.9	+0.4
N31M	Braun, Yuku	49.25	340	P	14 58 10.7	+0.6
M31M	Drury Creek, Y	49.34	341	P	14 58 10.9	+0.2
HYT	Haites Junctio	49.36	338	P	14 58 12.3	+1.3
YUKA	Talbot Ar	50.12	338	P	14 58 18.4	+1.5
M30M	Minto, Yukon	50.37	340	P	14 58 18.8	+0.2
MAYO	Mayo, Yukon	50.84	342	P	14 58 22.3	+0.2
YUK3	Moose Creek	51.05	338	P	14 58 24.0	+0.1
PB09	IPOC Station P	51.42	139	P	14 58 29.4	+2.3
ITTB	Itaituba	51.44	111	eP	14 58 26.9	-0.4
MALB	Monte Alegre	51.67	107	eP	14 58 29.2	+0.2
M27K	Edge Creek, AK	51.94	338	P	14 58 31.1	+0.6
VILB	Vilhena	52.08	123	eP	14 58 31.3	-0.7
VILB	Vilhena	52.08	123	P	14 58 32.2	+0.2
LVC	Limon Verde	52.23	139	eP	14 58 33.5	+0.1
LVC	Limon Verde	52.23	139	P	14 58 35.2	+1.8
LVC	Limon Verde	52.23	139	Iamb	14 58 37.3	
DAWY	Dawson	52.26	341	P	14 58 32.5	-0.2
M26K	Nabesna, AK	52.37	338	P	14 58 33.7	+0.2
BCAR	Beaver Creek A	52.37	339	P	14 58 33.8	+0.3
L27K	Beaver Creek,	52.38	339	P	14 58 34.0	+0.3
N25K	Chitina, Valde	52.47	338	P	14 58 35.5	+0.8
L26K	Log Cabin Wild	52.49	336	P	14 58 37.9	+0.5
NPGB	Novo Progresso	53.02	114	eP	14 58 38.1	-0.9
MCBP	Macapa, Ar	53.09	105	eP	14 58 39.9	+0.4
EPYK	Eagle Plains	53.15	344	P	14 58 38.8	-0.4
PAX	Paxson	53.62	337	P	14 58 42.8	-0.1
SCRK	Screek	53.71	339	P	14 58 44.3	+0.8
INK	Inuvik	53.87	346	P	14 58 43.4	-1.0
J26L	Joseph Creek	53.90	340	P	14 58 45.5	+0.6
WAT6	Susitna Watana	54.24	336	P	14 58 47.3	-0.2
PMR	Palmer	54.25	335	P	14 58 47.3	-0.2
PTLB	Pontes e Lacer	54.36	125	eP	14 58 48.9	+0.0
PTLB	Pontes e Lacer	54.36	125	P	14 58 49.6	+0.2
PTLB	Pontes e Lacer	54.36	125	Iamb	14 58 49.6	
DHY	Desh, Highway	54.39	337	P	14 58 48.6	+0.1
CLDB	Colider	54.54	118	eP	14 58 49.2	-1.0
WAT1	Susitna Watana	54.69	336	P	14 58 50.3	-0.2
HDA	Harding Lake	55.01	338	P	14 58 52.6	-0.2
ILAR	Eielson Array	55.20	339	P	14 58 54.1	-0.1
ILAR	Eielson Array	55.20	339	LR	15 24 23.1	
VAH	Vaihoo	55.20	236</			

609

Table with columns: SHO, 70nm, 0.2s, AMB, AMB, 15 55 04.2, etc.

IDC 11 16:16:54.9.7.8, 27.715N-179.41W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.5/30, mbtmp3.3/2, Error ellipse: s-maj=372.0km s-min=115.2km az=163.0, Kermadec Islands region

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

IDC 11 16:21:20.7.2.0, 37.41N-134.91E, h364km, 28km, mb2.4/1, mb1 2.9/4, mb1mx2.3/49, mbtmp3.5/4, Error ellipse: s-maj=61.6km s-min=27.2km az=173.0

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

IDC 11 16:34:07.0.8.4, 10.88N-87.53W, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.7/39, mbtmp3.6/6, ML3.3/2, Error ellipse: s-maj=167.3km s-min=45.0km az=10.0

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

IDC 11 16:34:07.0.8.4, 10.88N-87.53W, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.7/39, mbtmp3.6/6, ML3.3/2, Error ellipse: s-maj=167.3km s-min=45.0km az=10.0

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

TIR 11 16:53:54.4, 41.112N-20.11E, h17km, 1km, MD3.4, M3.5, PDG 11 16:53:54.5, 0.4, 41.13N-20.04E, h17km, MD3.5/1, ML3.3/12, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0

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

IDC 11 16:53:54.5, 0.4, 41.12N-20.11E, h10km, 1km, ML3.1/7, Error ellipse: s-maj=1.4km s-min=0.6km az=329.0

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

2015 DEC

Table with columns: KBN, comp=N, 5.2nm, 0.6s, baz=132, VLO, Virola, 0.76 212, P, Pn, 16 54 10.3 0.0, etc.

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

IDC 11 16:54:56.6, 41.12N-20.12E, h5km, 1km, Md2.5, M2.6, Albania

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

IDC 11 17:22:45.7, 2.5, 1.04S-23.39W, h0km, mb3.7/1, mb1 3.7/1, mb1mx2.3/27, mbtmp3.9/1, MS3.2/3, MS1.3/2/3, ms1mx2.9/30, Error ellipse: s-maj=69.9km s-min=56.5km az=156.0

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

IDC 11 17:22:46.8, 2.4, 1.15S-0.3, 23.5W-0.3, h13km, n10, e0906/6, MS3.2/3, Central Mid-Atlantic Ridge

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

IDC 11 17:23:55.5, 5.1, 31.08N-128.66E, h3km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 1014Nm, M=0.13; Mw=0.77; Mo=0.90; Mn=0.50; Ms=1.55; Mv=0.74; Fault plane solution: M1.94000x1014 Np1; phi=282.00000; delta=77.00000; lambda=17.00000; NP2: phi=16.00000, delta=0.00000, lambda=166.00000

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

JMA 11 17:23:55.5, 0.2, 31.08N-128.66E, h3km, 2km, M3.5, Northwest of Ryukyu Islands

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

IDC 11 17:50:04.4, 0.9, 47.29N-153.84E, h0km, mb3.7/12, mb1 3.9/13, mb1mx3.7/47, mbtmp3.7/13, ML2.7/1, MS2.7/2, Ms1 2.7/2, ms1mx2.4/43, Error ellipse: s-maj=27.2km s-min=21.7km az=100.0

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

IDC 11 17:50:04.4, 0.9, 47.29N-153.84E, h0km, mb3.7/12, mb1 3.9/13, mb1mx3.7/47, mbtmp3.7/13, ML2.7/1, MS2.7/2, Ms1 2.7/2, ms1mx2.4/43, Error ellipse: s-maj=27.2km s-min=21.7km az=100.0

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

11d 17h

Table with columns: DUGI, MORH, PLIT, Plitvice, 4.96 321, Sn, Sn, 16 55 54.7 -2.6, etc.

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

IDC 11 17:22:45.7, 2.5, 1.04S-23.39W, h0km, mb3.7/1, mb1 3.7/1, mb1mx2.3/27, mbtmp3.9/1, MS3.2/3, MS1.3/2/3, ms1mx2.9/30, Error ellipse: s-maj=69.9km s-min=56.5km az=156.0

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

IDC 11 17:22:46.8, 2.4, 1.15S-0.3, 23.5W-0.3, h13km, n10, e0906/6, MS3.2/3, Central Mid-Atlantic Ridge

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

IDC 11 17:23:55.5, 5.1, 31.08N-128.66E, h3km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 1014Nm, M=0.13; Mw=0.77; Mo=0.90; Mn=0.50; Ms=1.55; Mv=0.74; Fault plane solution: M1.94000x1014 Np1; phi=282.00000; delta=77.00000; lambda=17.00000; NP2: phi=16.00000, delta=0.00000, lambda=166.00000

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

JMA 11 17:23:55.5, 0.2, 31.08N-128.66E, h3km, 2km, M3.5, Northwest of Ryukyu Islands

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

IDC 11 17:50:04.4, 0.9, 47.29N-153.84E, h0km, mb3.7/12, mb1 3.9/13, mb1mx3.7/47, mbtmp3.7/13, ML2.7/1, MS2.7/2, Ms1 2.7/2, ms1mx2.4/43, Error ellipse: s-maj=27.2km s-min=21.7km az=100.0

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

IDC 11 17:50:04.4, 0.9, 47.29N-153.84E, h0km, mb3.7/12, mb1 3.9/13, mb1mx3.7/47, mbtmp3.7/13, ML2.7/1, MS2.7/2, Ms1 2.7/2, ms1mx2.4/43, Error ellipse: s-maj=27.2km s-min=21.7km az=100.0

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

IDC 11 17:50:04.4, 0.9, 47.29N-153.84E, h0km, mb3.7/12, mb1 3.9/13, mb1mx3.7/47, mbtmp3.7/13, ML2.7/1, MS2.7/2, Ms1 2.7/2, ms1mx2.4/43, Error ellipse: s-maj=27.2km s-min=21.7km az=100.0

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

11d 18h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like H11N1, H11N3, H11S1, etc.

IDC 11 18:11:09.0, 1.6, 4.09S, 129.44E, h0km, mb3.5/1, mb1 3.4/4, mb1mx2.9/39, mbtmp3.3/4, ML3.1/3, Error ellipse: s-maj=57.4km s-min=26.8km az=82.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like MSAI, AAI, FAKI, etc.

MAN 11 18:11:10.9, 16.57N, 119.73E, h48km, mb5.5, ML4.5, MS4.7

BUI 11 18:11:11.9, 0.0, 16.65N, 119.67E, h2km, mb4.8/17, mb4.6/37, ML4.2/2, MS4.4/20, MS7.4/21

NEIC 11 18:11:12.5, 2.2, 16.58N, 119.72E, 0.08, h56km, 5km, mb4.9/129, Error ellipse: s-maj=11.0km s-min=8.4km az=80.0

IDC 11 18:11:12.2, 2.3, 16.47N, 119.94E, h69km, 21km, mb4.2/29, mb1 4.4/29, mb1mx4.1/43, mbtmp4.6/29, MS3.8/3.4, Ms1 3.8/3.4, ms1mx3.7/53, Error ellipse: s-maj=14.5km s-min=9.2km az=75.0

ISC 11 18:11:12.9, 0.8, 16.51N, 119.76E, 0.04, h70km, 7km, n305, 0.15/300, mb4.9/129, 27C-31D, Fault plane solution: NP1: 194.84963, 678.76052, -1.109.94898

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TGAY, LUBP, PGP, etc.

2015 DEC

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like SPSI, BBKI, CD2, etc.

610

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like KNRA, KUN, GUN, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SANVU, GEYT, ARU, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like N25K, L26K, GLB, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TKM2, TNSS, AAK, etc.

11d 19h

ellipse: s-maj=18.0km s-min=16.8km az=64.0
NIC 11 18:54:25.3.0.0.35:00N-33.06E,h10km,43km,MJ3.7/8
GIL 11 18:54:25.6.0.0.35:13N-33.06E,h20km,MD3.0/6,
Mm3.3/3
DDA 11 18:54:25.3.35:16N-33.05E,h5km,2km,MW3.7
NEIC 11 18:54:26.5.2.6.35:13N-0.05:33.20E,0.06,h12km,9km,
mb4.0/12,MD3.6(NIC),Error ellipse: s-maj=8.3km
s-min=5.7km az=128.0
ISC 11 18:54:25.2.0.8.35:11N-0.02:33.09E,0.02,h12km,6km,
n134,n187/159,mb3.9/8,4C-2D,Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various stations like LEF, AKDN, CSS, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various stations like NATI, KONT, KORU, etc.

11d 19:03:27.9.1.17:17S-174.88E,h0km,mb3.8/5
mb1.4/1.6,mb1mx3.8/6,mbtm3.7/6,ML4.0/1,MS3.4/9,
Mst1.3/3.9,ms1mx3.0/33,Error ellipse: s-maj=61.1km
s-min=24.1km az=169.0
ISC 11 19:03:32.8.0.9.17:35.04:175.0E:0.1,h35km,n113,
i1477f,mb3.8/5,MS3.7/Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various stations like MSVF, DZM, RAO, etc.

612

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various stations like CMAR, ILAR, TXAR, etc.

615

Table with columns: FSK, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Fiskardo, Ioumenitsa, Riolos of Patr, etc.

IDC 11 20:27.11.2.4.2.3.60S.130.80E, h0km, mb3.3/2, mb1 3.4/3, mb1mp3.3/2, mb1mp3.3/3, ML2.7/1, Error ellipse: s-maj=313.3km s-min=29.9km az=72.0, Seram

2015 DEC

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

IDC 11 20:27.11.2.4.2.3.60S.130.80E, h0km, mb3.3/2, mb1 3.4/3, mb1mp3.3/2, mb1mp3.3/3, ML2.7/1, Error ellipse: s-maj=313.3km s-min=29.9km az=72.0, Seram

11d 21h

Table with columns: HDC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Heredia, Volcan Turrial, Rio Macho, etc.

NNC 11 21:03:17.0.7.9.3854N.74.77E, h0km, mb3.6, mpv3.2, 3C-2D, Error ellipse: s-maj=60.1km s-min=42.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ala-Archa, Tokmak 2, Karatay Array, etc.

RNSC 11 21:21:56.3.1.1.6.81N.73.13W, h148km, 4km, ML3.4, MW3.7, 2C-3D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Barichara, Barranca, Sant, Pamplona, Colo, La Rusia, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like SJI Sorong, KMBO Kilima Mbogo, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like mb4.3/12.ML4.4(GUC), Error ellipse: s-maj=9.4km, VAO 11 22:07:37.6-0.7, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like GUA01 Guaratinga, NBIT Itapeva, GDU01 Guandu, etc.

11d 22:07:36.0-2.5, 19.65S:69.07W, h0km, 21km, mb4.1/7, mb1.4/1.0, mb1mx3.8/4.0, mbtmp4.4/1.0, Error ellipse: s-maj=28.9km s-min=15.9km az=116.0

NEIC 11 22:07:37.4-1.6, 19.80S:0.04-69.30W, 0.07, h107km, 9km, mb4.3/NEIC

11d 22:08:49.9-2.1, 6.09S:151.57E, h0km, mb4.0/5, mb1.4/3.5, mb1mx3.7/4.6, mbtmp4.1/5, MS3.3/1, Ms1 3.3/1, ms1mx2.6/23, Error ellipse: s-maj=107.1km s-min=25.6km az=122.0

11d 22:08:55.8-2.3, 6.25S:0.0-151.57E, h41km, n7, e0946/6, mb4.0/5, New Britain region

11d 22:09:32.6-6.6, 30.04N:95.87E, h10km, 87km, ML4.0, mb4.3/NEIC

11d 22:09:35.0-9.0, 29.52N:95.59E, h7km, mb4.4/9, mb4.3/23, ML4.3/5, Ms3.8/8, Ms7.3/6.6

11d 22:09:36.4-0.7, 29.75N:95.78E, h0km, mb4.0/15, mb1.4/1.8, mb1mx3.8/6.3, mbtmp4.0/1.8, ML4.0/3, MS2.8/1, Ms1 2.8/1, ms1mx2.5/30, Error ellipse: s-maj=25.4km s-min=14.4km az=57.0

11d 22:09:38.8-1.3, 29.73N:95.78E, h30km, mb4.3/7, Error ellipse: s-maj=11.0km s-min=6.4km az=114.9

11d 22:09:40.2-1.5, 29.63N:0.09-95.75E, 0.10, h25km, 5km, mb4.3/35, ML4.0(BU), Error ellipse: s-maj=13.8km s-min=11.0km az=215.5

11d 22:09:37.6-4.4, 29.54N:0.04-95.74E, 0.05, h10km, n103, e125/105, mb4.2/31, 3C-5D, Eastern Xizang-India border region

11d 22:09:37.6-4.4, 29.54N:0.04-95.74E, 0.05, h10km, n103, e125/105, mb4.2/31, 3C-5D, Eastern Xizang-India border region

11d 22:09:37.6-4.4, 29.54N:0.04-95.74E, 0.05, h10km, n103, e125/105, mb4.2/31, 3C-5D, Eastern Xizang-India border region

11d 22:09:37.6-4.4, 29.54N:0.04-95.74E, 0.05, h10km, n103, e125/105, mb4.2/31, 3C-5D, Eastern Xizang-India border region

BP02	IPOC Station P	1.80 142	fP	Pn	23 14 31.1	-0.7
BP02			eS	Sn	23 14 52.6	-1.0
BP02	comp=E,3um,0.5s		IAML		23 15 08.2	
BP02	IPOC Station P	1.80 142	eP	Pn	23 14 31.0	-0.8
BP02			eS	Sn	23 14 57.0	-0.4
BP02	comp=Z,2um,0.6s		IAML		23 15 08.0	
BP08	IPOC Station P	1.82 98	fP	Pn	23 14 31.9	-0.6
BP08			eS	Sn	23 14 55.4	+0.7
BP08	comp=N,1um,0.5s		IAML		23 14 59.0	
BP08	IPOC Station P	1.82 98	eP	Pn	23 14 31.6	-0.9
BP08			eP	Pn	23 14 32.0	-0.4
BP08			eS	Sn	23 14 52.1	-2.0
BP08			IAML		23 14 58.5	
BP08	comp=Z,726nm,0.5s					
BP01	IPOC Station P	1.88 128	fP	Pn	23 14 32.5	-0.4
BP01			eS	Sn	23 14 55.9	+0.3
BP01	comp=E,1um,0.7s		IAML		23 15 05.8	
BP01	IPOC Station P	1.88 128	eP	Pn	23 14 32.6	-0.4
BP01			eP	Pn	23 14 32.0	-0.9
BP01			eS	Sn	23 14 52.1	+0.1
BP01			IAML		23 15 05.9	
BP01	comp=Z,672nm,0.6s					
BP07	IPOC Station P	2.13 149	fP	Pn	23 14 35.8	-0.8
BP07			eS	Sn	23 15 00.9	-1.2
BP07	comp=E,599nm,0.4s		IAML		23 15 17.2	
BP07	IPOC Station P	2.13 149	eP	Pn	23 14 35.4	-1.1
BP07			eP	Pn	23 14 35.7	-0.8
BP07			eS	Sn	23 15 03.8	+1.7
BP07			IAML		23 15 18.5	
BP16	IPOC Station P	2.15 44	fP	Pn	23 14 36.7	-0.3
BP16			eS	Sn	23 15 04.3	+1.3
BP16	comp=N,1um,0.6s		IAML		23 15 15.1	
BP16	IPOC Station P	2.15 44	eP	Pn	23 14 36.6	-0.5
BP16			eS	Sb	23 14 36.9	-0.2
BP16			IAML		23 15 06.8	-1.1
BP16	comp=Z,933nm,0.8s				23 15 10.0	
BP03	IPOC Station P	2.47 150	fP	Pn	23 14 40.4	-0.8
BP03			eS	Sn	23 15 09.5	-1.0
BP03	IPOC Station P	2.47 150	eP	Pn	23 14 40.3	-0.9
BP03			eS	Sn	23 15 12.3	+1.8
BP03	comp=Z,310nm,0.7s		IAML		23 15 24.3	
BP09	IPOC Station P	2.55 138	fP	Pn	23 14 42.8	+0.5
BP09			eS	Sn	23 15 12.8	+0.4
BP09	comp=E,749nm,0.6s		IAML		23 15 31.8	
BP09	IPOC Station P	2.55 138	eP	Pn	23 14 42.7	+0.5
BP09			eS	Sb	23 15 15.3	-3.9
BP09			IAML		23 15 30.3	
BP09	comp=Z,943nm,0.8s				23 15 30.3	
BP04	IPOC Station P	2.58 161	fP	Pn	23 14 41.4	-1.2
BP04			eS	Sn	23 15 10.8	-2.2
BP04	comp=N,326nm,0.6s		IAML		23 15 38.6	
BP04	IPOC Station P	2.58 161	eP	Pn	23 14 40.7	-1.9
BP04			eS	Sn	23 14 41.3	-1.3
BP04			IAML		23 15 12.0	-1.0
BP04	comp=Z,548nm,0.9s				23 15 36.1	
BP18	Visiviri	2.75 34	eP	Pn	23 14 47.1	+1.8
BP18			eS	Sb	23 15 24.4	+0.5
BP18	IPOC Station P	2.05 165	eP	Pn	23 14 47.6	-1.5
BP05			eS	Sn	23 15 20.8	-3.9
BP05	comp=E,193nm,0.5s		IAML		23 15 56.0	
BP05	IPOC Station P	3.05 165	eP	Pn	23 14 47.8	-1.4
BP05			eS	Sn	23 15 26.0	+1.3
BP05	comp=Z,121nm,0.8s		IAML		23 15 52.0	
BP06	IPOC Station P	3.13 154	fP	Pn	23 14 49.1	-1.1
BP06			eS	Sn	23 15 45.9	+0.7
BP06	comp=N,223nm,0.5s		IAML		23 15 45.9	
BP06	IPOC Station P	3.13 154	eP	Pn	23 14 49.3	-0.9
BP06			eS	Sn	23 14 49.0	-1.1
BP06			IAML		23 15 28.3	+1.7
BP06	comp=Z,283nm,1.0s				23 15 46.3	
LVC	Limon Verde	3.37 144	P	Pn	23 14 54.8	+1.0
LVC	comp=Z,2.7nm,0.3s,baz=16,slow=8.7,SNR=70					
LVC	Limon Verde	3.37 144	Pn	Pn	23 15 53.5	+0.6
LVC			Pn	Pn	23 14 53.8	0.0
LVC			eS	Sb	23 14 54.0	+0.2
LVC			eS	Sb	23 15 46.3	+3.3
BP15	IPOC Station P	3.62 156	eP	Pn	23 14 57.4	+0.3
BP15			eS	Sn	23 14 56.3	-0.7
BP15	IPOC Station P	3.62 156	eP	Pn	23 15 43.3	+4.5
BP15			eS	Sn	23 14 56.2	-0.8
BP10	IPOC Station P	3.63 172	eP	Pn	23 14 55.7	-1.3
BP10			eS	Sn	23 15 38.7	-0.1
BP10	La Paz	4.55 38	P	Pn	23 15 12.6	+2.4
LPAZ	comp=Z,1.9nm,0.3s,baz=245,slow=7.6,SNR=23					
LPAZ	comp=Z,1.09nm,18.8s,baz=252,slow=33					
LPAZ	La Paz	4.55 38	Pn	Pn	23 15 13.3	+3.1
BP14	IPOC Station P	4.75 173	Pn	Pn	23 15 12.7	0.0
SLA	San Lorenzo	7.05 134	eP	Pn	23 15 44.0	-0.1
AC02	Maricunga	7.14 166	eP	Pn	23 15 45.1	-0.5
AC02	Maricunga	7.14 166	eP	Pn	23 15 45.4	-0.1
NNA	Nana	9.62 324	LR	LR	23 19 53.0	
SIV	San Ignacio	10.28 69	P	Pn	23 16 29.3	+0.9
SIV	comp=Z,1.3nm,0.3s,baz=270,slow=7.5,SNR=15					
SIV	comp=Z,232nm,18.2s,baz=278,slow=41					
ETMB	Extrema	11.07 26	Pn	Pn	23 16 39.8	+0.8
PTLB	Pontes e Lacer	12.21 71	Pn	Pn	23 16 55.1	+0.4
VILB	Vilhena	12.51 58	Pn	Pn	23 16 58.8	0.0
CPUP	Villa Florida	14.17 119	LR	LR	23 23 56.7	
H03N1	Juan Fernandez	15.19 206	T	T	23 33 22.3	
H03N2	Juan Fernandez	15.20 26	T	T	23 33 19.3	
H03N3	Juan Fernandez	15.21 206	T	T	23 33 26.6	
H03N3	Juan Fernandez	15.21 206	T	T	23 33 26.6	
PLCA	Paso Flores	20.77 179	P	Pn	23 18 43.0	-0.9
PLCA	comp=Z,2.9nm,1.1s,baz=312,slow=14,SNR=1.8					
PTGA	Pitinga	21.95 31	P	Pn	23 18 52.2	-1.7
BDFB	Brasilia	22.36 83	LR	LR	23 28 41.6	
BDFB	comp=Z,2.3nm,0.3s,baz=201,slow=9.8,SNR=7.0					
BOAV	Boa Vista	24.46 26	P	Pn	23 19 19.1	-0.1
BOAV	comp=Z,4.5nm,0.8s		Iamb	Iamb	23 19 20.2	
ZARC	Zaragoza, Cauc	27.47 352	P	Pn	23 19 46.1	-0.3
BAUV	El Baul	28.81 6	P	Pn	23 19 58.2	-0.2
BAUV	comp=Z,12nm,1.0s		Iamb	Iamb	23 20 16.9	
SJCC	San Jacinto, C	29.88 352	P	Pn	23 20 07.3	-0.9
MDPC	Montagnes des	30.75 38	LR	LR	23 33 18.5	
RPN	Rapa Nui	35.71 251	LR	LR	23 32 14.5	
RPN	comp=Z,2.6nm,20.1s,baz=100,slow=38					
TORD	Tordi Ar. Bea	78.75 72	P	Pn	23 26 02.3	-0.7
YKA	Yellowknife Ar	89.02 341	P	Pn	23 26 55.0	+0.7
H11S2	WAKE ISLAND H	125.64 279	T	T	01 52 26.8	
H11S1	WAKE ISLAND H	125.65 279	T	T	01 52 27.3	
H11S3	WAKE ISLAND H	125.66 279	T	T	01 52 27.2	
MKAR	Makanchi Array	145.36 3	PKPbc	PKPbc	23 33 39.1	+1.0
MKAR	comp=Z,1.4nm,1.0s,baz=331,slow=3.1,SNR=2.1					
KSH	Kashi	145.61 48	PKPbc	PKPbc	23 33 40.4	+1.4
KSH	comp=Z,1.3nm,0.6s,baz=134,slow=4.4,SNR=2.4					
SONM	Songino Array	152.05 4	PKPbc	PKPbc	23 33 49.8	-1.0
SONM	comp=Z,0.5nm,0.7s,baz=359,slow=0.3,SNR=4.2					

WEL 11 23:17:00; 42.76S; 174.13E; h27km, ML4.4, Mw4.4.
 Moment Tensor Solution: s6 Moment tensor: Scale 10¹⁵
 Nm; Mn=2.18; Mw=2.88; Ms=0.70; Mo=1.42; Mx=0.94;
 My=2.76; Fault plane solution: M4.14000x10¹⁵ NP1;
 N1=105.00000°; S34.00000°; λ=33.00000°. NP2:
 N2=223.00000°; S72.00000°; λ=119.00000°. Principal axes:
 T 394.3700, P1g22.0000°, Azm232.0000°; N 39.6000,
 P1g28.0000°, Azm232.0000°; P -433.9700, P1g53.0000°,
 Azm97.0000°;
 IDC 11 23:17:12; 0.0, 8.2; 60Sx174.10E, h0km, mb4.0/8,
 mb1 4.2/0, mb1mx4.0/38, mbmp4.1/9, ML4.2/1, MS3.6/9,
 Mx1 3.6/9, ms1mx4.0/22, Error ellipse: s-maj=26.9km
 s-min=21.3km az=62.0
 NEIC 11 23:17:14.7; 1.2; 42.78S; 174.13E; 0.06, h18km, 6km,
 mb4.2/5, Error ellipse: s-maj=6.3km s-min=5.9km
 az=157.0
 WEL 11 23:17:15.4; 0.8; 43.54S; 17.4E; h26km, 5km, M4.3/24,
 ML4.6/24, MLv4.3/24, Error ellipse: s-maj=0.0km
 s-min=0.0km az=128.9
 ISC 11 23:17:14.8; 0.6; 42.76S; 0.04x174.14E; 0.04, h21km, 4km,
 n226, s19/224, mb4.1/10, MS3.6/10, Off east coast of
 South Island

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
KHZ	Kahutara	0.56	307	P	Pb	23 17 26.3	+0.3
KHZ	Kahutara	0.56	307	P	Sb	23 17 33.5	-0.1
KHZ	Kahutara	0.56	307	P	Pb	23 17 26.5	+0.5
GWZ	Greta Valley S	0.84	255	P	Sb	23 17 31.4	-0.1
CMWZ	Cape Campbell	1.01	3	P	Pb	23 17 34.7	+1.0
CMWZ	Cape Campbell	1.01	3	Pn	Pb	23 17 34.6	+0.9
BSWZ	Blackbirch Sta	1.06	349	P	Pb	23 17 34.7	+0.3
BSWZ	Blackbirch Sta	1.06	349	P	Sb	23 17 48.1	-0.5
BSWZ	Blackbirch Sta	1.06	349	P	Pb	23 17 34.6	+0.2
AMCZ	Amberley	1.17	249	P	Pb	23 17 49.0	-0.1
OKCZ	Okains Bay	1.25	219	P	Pb	23 17 34.7	+0.3
OKCZ	Okains Bay	1.25	219	P	Sb	23 17 53.0	-0.3
TUWZ	Tuamarina	1.33	354	P	Pn	23 17 38.2	-0.1
TUWZ	Tuamarina	1.33	354	P	Pb	23 17 38.1	-0.1
THZ	Topohouse	1.35	317	P	Pn	23 17 38.2	-0.3
THZ	Topohouse	1.35	317	Pn	Pn	23 17 38.2	-0.3
LTZ	Lake Taylor	1.38	268	P	Pn	23 17 38.6	-0.3
LTZ	Lake Taylor	1.38	268	Pn	Pn	23 17 38.5	-0.3
AKCZ	Akaroa Harbour	1.43	219	P	Pn	23 17 39.7	+0.1
AKCZ	Akaroa Harbour	1.43	219	P	Sb	23 17 56.9	-0.9
MOZ	McQueen's Vall	1.44	228	P	Sb	23 17 56.1	-1.9
MOZ	McQueen's Vall	1.44	228	Pn	Pn	23 17 39.2	-0.5
PLWZ	Paliser	1.45	25	Pn	Pn	23 17 40.2	+0.4
PLWZ	Paliser	1.45	25	Pn	Pn	23 17 40.0	+0.2
BHW	Baring Head	1.45	22	P	Pb	23 17 56.8	-1.4
BHW	Baring Head	1.45	22	Pn	Pn	23 17 40.8	+0.2
BHW	Baring Head	1.45	22	Pn	Pn	23 17 41.7	+0.6
SNZO	South Karori	1.50	16	Pn	Pn	23 17 40.8	+0.3
WEL	Wellington	1.54	18	P	Pn	23 17 41.7	+0.6
TOW	Tory Channel	1.55	4	P	Pn	23 17 41.2	+0.0
MSWZ	Motukia Station	1.57	32	P	Pn	23 17 42.1	+0.2
MSWZ	Motukia Station	1.57	32	Pn	Pn	23 17 41.5	0.0
NSNZ	Nelson	1.64	339	P	Pn	23 17 42.2	-0.2
NSNZ	Nelson	1.64	339	P	Pn	23 17 42.0	-0.4
ONX	Oxford	1.65	249	P	Pn	23 17 42.0	-0.5
ONX	Oxford	1.65	249	P	Sb	23 18 00.5	-2.6
PAWZ	Paruawai Farm	1.67	35	Pn	Pn	23 17 43.2	+0.3
RACZ	Rakaia	1.76	236	P	Pn	23 17 43.8	-0.2
TRWZ	Traveller	1.78	41	P	Pn	23 17 44.7	+0.4
CAW	Cannon Point	1.79	23	P	Pn	23 17 44.8	+0.4
CAW	Cannon Point	1.79	23	Pn	Pn	23 18 03.0	+1.5
MOZ	Mount Morrison	1.89	33	Pn	Pn	23 17 45.8	0.0
DUWZ	D'Urville Isla	1.96	355	P	Pn	23 17 47.0	+0.2
KIW	Kapiti Island	1.98	17	P	Pn	23 17 47.6	+0.5
INZ	Inchbonnie	1.99	270	P	Pn	23 17 47.4	+0.2
DSZ	Dennistown Nort	2.01	299	P	P		

12d Oh

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

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

12d 23:46:54.0, 20.7, 37.71N, 19.78E, h0km, mb3.9/3, mb1 3.9/3, mb1mx3.4/31, mbmtmp3.9/3, Error ellipse: s-maj=514.7km s-min=70.7km az=43.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FSK, NYDR, KEF4, etc.

2015 DEC

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

12d 11 23:52:45.5, 0.8, 4.38S, 129.54E, h0km, mb3.9/6, mb1 4.0/10, mb1mx3.7/34, mbmtmp3.9/10, ML2.6/3, MS3.0/3, M51 3.0/3, ms1mx2.5/38, Error ellipse: s-maj=34.8km s-min=12.4km az=75.0

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

620

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

12d 12 00:03:25.5, 1.0, 6.36S, 150.68E, h0km, mb4.1/7, mb1 4.4/8, mb1mx3.9/34, mbmtmp4.1/8, ML1.9/1, MS3.2/4, ML1 3.1/4, ms1mx2.8/39, Error ellipse: s-maj=46.6km s-min=18.1km az=127.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KEF3, KEF4, DMLN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FSK, NYDR, KEF4, etc.

12d 12 00:58.2, 0.5, 9.5S, 111.5E, h67km, mb3.8/13, mb4.1/3, ML3.7/13, South of Bali

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ATAH, SALV, H03N1, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ZALV, MKAR, MJAR, SONM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AKTO, KAPPANG, WARRAMUNGA, etc.

Table with columns: STYH, ALS, VWDT, SLGT, TPUB, SSSLB, CHN1, CHN5, CHNS, CHNS. Includes station names like Alishan, WVDT, Luigui, Ta-pu, Suanglung, Nanshi, Tsauling, and Kuril Islands.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, KDRTR Khodutka, MIPR Malaya Ipe'l'ka, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like J01E Myrtle Point, K02D Willamette Mer, I02E Swisshome, L02E Cave Junction, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CROK Carrier, OK029 Liberty Lake, KAN14 Manchester OK, etc.

Table with columns: T35B, W35A, TUL1, X37A, U38A, CBK5, HHAR, AMTX, Z38A, S39A, MIAR, U40A, X40A, MGMO, WHAR, FCAR, P38A, R40A, N35A, L34A. Includes station names like Sooner Cattle, Tecumseh, Leonard, Clayton, Kansas State U, Cedar Bluff, Hobbs Magazine, Amarillo, Mt. Pleasant, Bolivar, Mount Ida, Yellowville, Basin Creek Fa, Mountain Grove, Woody Hollow, Ozark Folk Cen, Dawn, Maddies Statio, Tabor, Lake Charles, Cathedral Cave, Paris, Joes South For, Harrisburg, Svendsen Farm.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JNW Jan Mayen West, JMC Jan Mayen, JNE Jan Mayen East, JMI Jan Mayen, DBG Daneborg, DAG Danmarks Havn.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, NEIC 12 02:59:46.2, IDC 12 02:59:46.5, IDC 12 02:59:47.6, TINTI Ternate, TOLPI Tolitoli, KAP1 Kappang, WRO Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, KJAR Wonju Array, STKA Stephens Creek, SOMNI Sogingo Array, SOMNI Sogingo Array, MK31 Makanchi Array, MKUR Makanchi Array, KURK Kurchatov, ABKAR Akbulak array, IDC 12 03:29:39.4.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IUG luzhnyay, MRKS Merke, MRKS Merke, DZA Taraz, DZA Taraz, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Karatay Array, BRLS Boroday, BRLS Boroday, KST Kastek, KST Kastek, DGS Degereburg, DGS Degereburg, DGS Degereburg, MTBS Maitube, MTBS Maitube, MTBS Maitube, TNSJ Tian-Shan, TNSJ Tian-Shan, TNSJ Tian-Shan, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, KUUR Kurty, KUUR Kurty, KUUR Kurty, BTLS Baital, BTLS Baital, BTLS Baital, AB31 Akbulak array, AB31 Akbulak array, BVAR Borovoye Array, AKTO Aktyubinsk, AKTO Aktyubinsk, ZALV Zalesovo Beam, AKASO Malin Array Be, FINES FINES Array B, ARCES ARCES Array B, NOA NORFAR Array B, IDC 12 03:47:45.0, MSVF Nonsuvsu, DZM Mont Dzumac, DZM Mont Dzumac.

12d 4h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like URZ Urewera, PPT2 Papeete, HNR Haniere, etc.

SJA 12 03:48:06.4, 0.2, 5:53S x 71.06W, h14km, ML4.3, MW3.9

NEIC 12 03:48:12.9, 1.8, 2:53S x 0.05:70.5W:0.1, h67km, 9km, Error ellipse: s-maj=7.6km s-min=7.4km az=87.0

GUC 12 03:48:13.0, 0.6, 2:54S x 70.48W, h58km, 28km, ML4.3

IDC 12 03:48:14.0, 0.9, 2:52:25S x 69:39W, h58km, 5km, mb3.8/3, mb1.3/8.4, mb1mx3.5/25, mbtmp4.1/4, MS3.0/4, Ms1.3/0.4, ms1mx2.8/22, Error ellipse: s-maj=37.6km s-min=13.2km az=107.0

ISC 12 03:48:13.0, 0.7, 2:55:65S x 0:03:70.52W:0.06, h60km, 7km, n87, c218/105, mb4.1/1.3, 3C-3D, Near coast of northern Chile

Main table for Chile stations, listing station names, coordinates, and seismic data.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like AACL Choya, ACCO Cerro Coronel, CO06 Fray Jorge, etc.

DJA 12 03:52:41.1, 1.0, 4:56:12E x 121.9E, h28km, 7km, M4.3/8, mb5.0/1, MLV4.0/8

IDC 12 03:52:43.6, 5.8, 4:05S x 129:52E, h62km, 70km, mb3.7/2, mb1.4/0.4, mb1mx3.5/29, mbtmp4.0/4, ML4.1/2, MS2.6/3, Ms1.2/7.3, ms1mx2.3/36, Error ellipse: s-maj=66.0km s-min=22.0km az=86.0

ISC 12 03:52:40.6, 0.9, 4:07S x 129:24E:0.06, h35km, n14, c191/115, Banda Sea

Main table for Banda Sea stations, listing station names, coordinates, and seismic data.

626

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like ASAR 0.1mm, 0.3s, baz=346, slow=20, SNR=6.0, MKAR Makanchi Array, etc.

IDC 12 04:23:52.5, 1.2, 1:01:21N x 125:78E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.4/29, mbtmp3.5/4, Error ellipse: s-maj=70.6km s-min=25.0km az=74.0

MAN 12 04:24:00.7, 1:04:10N x 126:03E, h15km, mb4.6, ML3.5, MS3.4

ISC 12 04:23:59.9, 1.2, 1:01:10N x 126:24E:0.10, h54km, n10, c197/113, mb3.3/4, 2C-4D, Philippine Islands region

Main table for Philippine Islands region stations, listing station names, coordinates, and seismic data.

627

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Las Campanas, Farellones, MT01, MT09, MT09, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like VNA3, VNA2, SNA, GSPA, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like CMAR, SONMI, KRSR, MKAR, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like PETK, MJAR, KRSR, etc.

2015 DEC

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like MRKS, MKRS, MKRS, IUG, etc.

KRNET 12 05:30:50.4, 0.1, 39.78N:72.46E, h16km, mb3.0

NNC 12 05:30:58.3, 2.6, 40.17N:72.56E, h10km, mb3.7, mpv3.3

Error ellipse: s-maj=20.1km s-min=10.1km az=178.0

ISC 12 05:40:48.1, 3.9, 39.87N:74.46E:0.04, h9km, n12km, n18, n108/29, 17C-SD, Kyrgyzstan

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like DRK, OHH, OHF, SFK, etc.

ISC 12 05:41:32.0, 1.6, 0.48N:123.66E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.1/46, mbtpp3.5/4, ML3.8/1, Error ellipse: s-maj=128.6km s-min=23.3km az=65.0

DJA 12 05:41:51.3, 0.5, 0.7S:12.3E, h156km, 7km, M3.6/9, MLV3.6/9

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like GTOI, KMSI, MRSI, etc.

12d 5h

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like TTSI, FITZ, WRA, ASAR, MKAR, etc.

DJA 12 05:44:36.9, 0.9, 4.5S:6.12E, h14km, 5km, M3.9/7, MLV3.9/7

IDC 12 05:44:40.8, 3.3, 4.04S:129.54E, h55km, 35km, mb3.9/4, mb1 4.0/7, mb1mx3.6/43, mbtpp4.1/7, ML4.1/3, Error ellipse: s-maj=38.5km s-min=17.6km az=93.0

ISC 12 05:44:38.5, 0.7, 4.13S:0.06E:129.37E:0.05, h36km, n29, n194/735, mb4.2/4, Banda Sea

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like BNDI, MASOH, MSAI, etc.

FUNV 12 05:46:44.5, 1.1, 76N:17.82W, h14km, MWV3.0

RSNC 12 05:46:44.9, 0.7, 11.82N:71.75W, h61km, 4km, ML3.7, MW3.4

ISC 12 05:46:45.3, 1.5, 11.71N:0.07E:71.82W:0.03, h63km, n11km, n50, n156/95, Near coast of Venezuela

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like URIC, CRJC, DABV, etc.

12d 8h

2.8m,0.5s
AB31 Akbulak array 12.76 322 Pn Pn 08 01 37.1 +0.6

BEO 12 08:00:39.6:0.9,41'80"N-15'10'E,h0km,ML3,0/5
ROM 12 08:00:41.1:0.4,42'42"N,0.02,15'23"E,0.03,h9km,
ML2,9/25,Error ellipse: s-maj=3.2km s-min=1.2km
az=35.0

ISC 12 08:00:41.0:1.1,42'28"N,0.02,15'23"E,0.02,h17km,g9km,
n71,r1573/93,5C-2D,Adriatic Sea

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

2015 DEC

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for December 2015.

IDC 12 08:09:59.0:1.8,71'69"N,1'30"W,h0km,mb3.5/1,mb1 3.7/6,
mb1 3.5/4,mb1mx3.7/6,ML3.0/4,MS3.2/8,Ms1 3.2/8,
ms1mx2.8/4,Error ellipse: s-maj=29.0km s-min=25.8km
az=153.0

BER 12 08:10:01.4:1.9,71'83"N,1'70"W,h10km,ML2.4,
Confirmed Earthquake

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for December 2015.

630

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for December 2015.

NEIC 12 08:15:21.6:1.6,4'64"S,0'07.143'26"E,0.09,h102km,8km,
mb4.0/7,Error ellipse: s-maj=13.3km s-min=9.9km
az=104.0

IDC 12 08:15:21.2:2.1,4'68"S,143'30"E,h103km,22km,mb3.5/4,
mb1 3.7/7,mb1mx3.3/27,mbtm3.9/7,MS2.4/2,Ms1 2.4/2,
ms1mx2.2/4,Error ellipse: s-maj=24.0km s-min=16.7km
az=55.0

ISC 12 08:15:21.4:0.8,4'65"S,0'09.143'29"E,0.09,h103km,n26,
c1524/27,mb4.0/5,New Guinea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for December 2015.

IDC 12 08:28:54.5:3.7,38'07"N,72'78"E,h0km,mb3 4/1,
mb1 3.5/4,mb1mx3.2/67,mbtm3.5/4,ML3.2/3,MS3.8/1,
Ms1 3.8/1,ms1mx2.7/23,Error ellipse: s-maj=79.6km
s-min=34.3km az=156.0

NNC 12 08:29:01.2:1.5,38'56"N,73'01"E,h0km,g6km,mb4.4,
mp4.0,Error ellipse: s-maj=10.1km s-min=7.1km az=3.0

ISC 12 08:28:55.8:1.7,38'1N,0.1x72.78E,0.07,h10km,n25,
c1528/26,5C-7D,Tajikistan

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for December 2015.

12d 8h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like CEY, OSSC, LJU, TESRA, KEST, etc.

2015 DEC

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like baz=146, CLL, COLL, CLLL, etc.

632

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MIB, OSL, MESJ, PNCL, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values for stations like NRK, DGZ, WMQ, etc.

ISK 12 09:10:00.9, 37.87N, 26.83E, h9km, ML3.1/17
DDA 12 09:10:00.8, 37.88N, 26.84E, h8km, 2km, ML2.7
ISC 12 09:10:01.0, 1.0, 37.86N, 0.02, 26.82E, 0.03, h13km, gkm, n34, c0549/48, Dodecanese Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values for stations like DGB, GCAM, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values for stations like ZEDA, GOMA, AKHS, etc.

IDC 12 09:30:06.1, 1.0, 39.00N, 73.50E, h0km, mb3.6/13, mb1.3, 8/20, mb1mx3.7, 48, mbmp3.7/20, ML3.3/7, MS2.9/2, Ms1.2/2, ms1mx2.4/48, Error ellipse: s-maj=17.3km s-min=15.8km az=176.0
KRNET 12 09:30:07.9, 0.1, 39.18N, 73.52E, h15km, mb4.5
SOME 12 09:30:09.3, 39.42N, 73.05E, h10km
NCC 12 09:30:12.0, 0.9, 39.39N, 73.46E, h0km, mb4.7, mpv4.5, Error ellipse: s-maj=7.0km s-min=3.9km az=177.0
ISC 12 09:30:05.7, 1.4, 38.94N, 0.04, 73.45E, 0.03, h1km, gkm, n105, c2554/136, mb3.6/12, 32C-19D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values for stations like SFK, DRK, OHH, SALK, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values for stations like KDJ, TKM2, etc.

Table with columns: WJS, Zhushan, 1.50 241 eP, Pn, 09 52 25.7 +1.5, etc. Includes stations like WJS, WCHH, FULB, YUK, ALS, CHKT, CHNS, ELDTW, WDLH, JKRIS, WRL, EDH, JJI, TPUB, LONT, JISG.

SKHL 12 09:55:11.3:0.2,52.00N:151.10E,h514km,11km,mb4.6/7, msha4.5/3

MOS 12 09:55:12.1:0.9,52.01N:151.75E,h517km,mb4.4/6, Error ellipse: s-maj=11.9km s-min=8.8km az=52.7

IDC 12 09:55:13.0:1.3,52.02N:151.06E,h513km,16km, mb3.0/15,mb1.3/20,mb1mx3.0/50,mbtmp3.9/20, Error ellipse: s-maj=14.4km s-min=10.5km az=150.0

NEIC 12 09:55:13.1:1.3,51.94N:10.151.7E,0.2,h510km,7km, mb4.4/32, Error ellipse: s-maj=18.8km s-min=8.3km az=133.0

KRSC 12 09:55:14.2:2.5,51.95N:152.27E,h510km,36km,ML4.4

ISC 12 09:55:11.9:0.4,52.01N:0.07:151.70E,0.06,h500km, n146,0188/160,mb3.9/30,Sea of Okhotsk

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, APC Apacha, PEAOB Petropavlovsk, etc.

Main station list table with columns: MKZ Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc. Includes stations like MKZ, KUR, KBT, KBT, KBT, etc.

Table with columns: Y59A Loris, NWAO Narrogin (SRO), NWAO Narrogin (SRO), 89.81 208 P, 10 07 15.4 -0.9

IDC 12 09:55:31.4:2.8,4.00S:130.13E,h0km,mb3.7/1, mb1.3/6.3,mb1mx3.4/23,mbtmp3.4/3,ML3.0/2, Error ellipse: s-maj=207.0km s-min=29.1km az=70.0,Banda Sea

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

IDC 12 10:00:58.3:2.2,5.99N:126.23E,h0km,mb3.4/3, mb1.3/6.3,mb1mx3.1/45,mbtmp3.9/8,ML3.5/1,Ms1.3/0.1, ms1mx2.2/25, Error ellipse: s-maj=173.9km s-min=27.6km az=65.0

ISC 12 10:01:09.8:1.4,5.5N:0.2:126.1E,0.4,h100km,n5, 01807,mb3.4/3,1C-1D,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DMPH Davao City-Mi, KCP Kidapawan, WARR Warramunga Arr, ASAR Alice Springs, ASAR Makanchi Array.

IDC 12 10:09:00.4:2.3,31.66S:71.79W,h0km,mb4.2/4, mb1.3/9.8,mb1mx3.8/32,mbtmp3.9/8,ML3.5/4,MS3.1/2, Ms1.3/1.2,ms1mx2.7/22, Error ellipse: s-maj=75.7km s-min=23.3km az=100.0

NEIC 12 10:09:01.6:1.1,31.68S:0.04:72.08W,0.08,h10km,1km, mb4.1/8,ML3.9(GUC), Error ellipse: s-maj=11.7km s-min=5.7km az=283.0

GUC 12 10:09:01.6:0.7,31.67S:72.10W,h32km,3km,ML3.9

ISC 12 10:09:00.3:1.7,31.69S:0.03:72.11W,0.08,h7km,10km, n54,0067/56,mb4.2/6,3C-1D,Off coast of central Chile

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO06 Fray Jorge, VA06 Catapilco, VA01 Torpederas, etc.

ZALV PKPab PKPab 10 29 05.9 -0.4
MOS 12:10:11.33.9-1.2.52.46N;152.92E,h513km,mb4.1/1,Error ellipse: s-maj=15.8km s-min=10.3km az=52.8

SKHL 12:10:11.33.0-2.52.30N;152.80E,h526km,9km,mb4.5/10, msh4.6/6

IDC 12:10:11.34.9-0.9.52.51N;152.78E,h500km,12km,mb2.9/9, mb1.3.2/14,mb1mx2.9/47,mbtmp4.0/14,Error ellipse:

s-maj=23.5km s-min=12.7km az=155.0

KRSC 12:10:11.36.4-2.52.31N;153.69E,h509km,29km,ML4.5

ISC 12:10:11.33.8-0.6.52.34N;0.07-153.06E;0.07,h500km,n77, z=252/102,mb3.4/9,Northeast of Kuril Islands

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

Table with columns: ILAR, Eielson Array, 32.36 44 P P, 10 17 22.0 +1.2, 10 18 01.0 +1.1, 10 18 01.0 +1.1, 10 18 19.5 -0.9, 10 18 59.9 -0.3, 10 19 16.1 +1.0, 10 19 58.5 -1.1, 10 20 43.0 -1.1, 10 21 03.6 +1.7, 10 21 09.3 -0.9

NEIC 12:10:14:00.5-1.5.25.1S;0.2-179.4W;0.1,h451km,13km, mb4.2/14,Error ellipse: s-maj=26.5km s-min=14.8km az=160.0

IDC 12:10:14:03.8-0.2.0.24;70S;179.80W,h472km,17km,mb3.4/8, mb1.3.5/10,mb1mx3.2/37,mbtmp4.2/10,Error ellipse:

s-maj=28.9km s-min=17.4km az=129.0

ISC 12:10:14:00.8-0.6.24.90S;0.09-179.55W;0.10,h450km, n34,r160/39,mb4.1/15,South of Fiji Islands

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

IDC 12:10:24:34.8-4.7.52.11N;178.35E,h130km,44km, mb3.2/12,mb1.1.4/14,mb1mx3.2/56,mbtmp3.6/14,Error ellipse: s-maj=30.5km s-min=14.1km az=174.0

NEIC 12:10:24:35.0-1.4.51.9N;0.1-178.35E;0.1,h136km,6km, Error ellipse: s-maj=21.4km s-min=11.0km az=175.0

AEIC 12:10:24:35.2-1.7.51.9N;0.1-178.5E;0.1,h138km,5km, ML3.1/22,Error ellipse: s-maj=17.7km s-min=10.8km az=168.0

ISC 12:10:24:35.6-0.7.51.9N;0.1-178.40E;0.06,h150km,n45, r123/49,mb3.5/13,Rat Islands

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

Table with columns: IMAR, Indian Mountain, 19.92 34 P P, 10 28 54.0 -1.3, 10 29 11.7 -0.7, 10 29 15.0 -2.2, 10 30 24.2 +0.1, 10 30 43.2 +0.1, 10 31 23.3 +0.3, 10 32 40.0 +2.2, 10 32 58.3 +0.3, 10 33 11.3 -0.7, 10 34 09.0 +1.1, 10 34 09.0 +0.3, 10 34 14.2 -0.4, 10 34 21.6 0.0, 10 34 29.8 +1.5, 10 35 57.9 +0.6, 10 36 36.2 +1.8

ATH 12:11:15:00.8,34.36N-25.28E,h26km,2km,ML3.9/10,Error ellipse: s-maj=3.8km s-min=1.4km az=355.0

ISK 12:11:15:01.0,34.48N-25.40E,h20km,ML4.0/4, M4.3, M4.5, m1.9.9/26,mb1mx3.7/60,mbtmp4.0/26,ML4.3/4,MS3.2/7, MS1.3/97,ms1mx2.8/42,Error ellipse: s-maj=19.3km s-min=13.2km az=167.0

NEIC 12:11:15:02.4-2.2.34.48N;0.09-25.30E;0.08,h36km,9km, Error ellipse: s-maj=13.8km s-min=8.4km az=198.0

THE 12:11:15:02.4,34.43N-25.30E,h4km,2km,ML3.8/7,Error ellipse: s-maj=2.2km s-min=0.7km az=96.0

NIC 12:11:15:03.6-0.0.34.23N;25.84E,h18km,1km,ML4.0/3

DDA 12:11:15:08.0,34.82N-25.54E,h70km,85km,ML4.1

ISC 12:11:15:01.8-0.7.34.36N;0.04-25.40E;0.03,h36km,1km, n234,r176/266,mb4.0/28,MS3.3/5,Crete

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, Bandwidth, SNR, and other technical details. Includes stations like APE Apeiranthos, KTHR Pythira, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Bandwidth, SNR, and other technical details. Includes stations like DOGA KONYA Doganhis, HNAT Natroun, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Bandwidth, SNR, and other technical details. Includes stations like BVAR Borovoye Array, AAK Ala-Archa, and many others.

IDC 12 11:31:56.6:3.5,43.78N:87.66E, h0km, mb3.9/1, mb1 3.5/4, mb1mx2.9/64, mbtmp3.4/4, ML2.9/3, IC-2D, Error ellipse: s-maj=49.1km s-min=32.6km az=47.0, Northern Xinjiang

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

IDC 12 11:34:26.5:1.1, 15.555N:97.15W, h0km, mb4.1/14, mb1 4.3/17, mb1mx4.1/40, mbtmp4.1/17, MS3.6/11, MS1 3.6/11, ms1mx3.4/28, Error ellipse: s-maj=22.9km s-min=14.5km az=1.0

MEX 12 11:34:30.8:2.2, 15.74N:97.25W, h10km, MD4.5, NEIC 12 11:34:36.1:1.9, 16.12N:100.09:0.1W:0.06, h36km:11km, mb4.5/52, MD4.5/19(MEX), Error ellipse: s-maj=13.8km s-min=5.6km az=204.0

ISC 12 11:34:30.3:1.1, 15.79N:100.05:97.17W:0.03, h16km:6km, n237, r156/247, mb4.4/23, MS3.6/10, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PEIG Puerto Escondi, HUIG Huatulco, and many others.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like UNM, AOV, BJVM, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like KSU1, ZARC, WUAZ, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like DAWY, BMRM, L27K, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like FORT, STKA, CMAR, etc.

MOS 12 11:48:24.2, 0.42, 56.1N, 36.12E, h41km, 613km, MPV3.7
CFUSG 12 11:48:25.2, 42.60N, 36.10E, h21km, MD3.0/4, Black Sea

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SNOP, DIKM, SAMS, etc.

ISC 12 11:48:25.4, 42.42N, 36.13E, h38km, MW3.4
ISK 12 11:48:25.4, 42.52N, 36.07E, h20km, ML3.6/14

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KVT, BOYA, HAVZ, etc.

YARM Yarimca-Ladik, 1.69 188 PN Pn 11 48 53.3 +0.7
KIZO Yukukizlik, 1.71 186 PN Pn 11 48 53.3 +0.7

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

TOKT Tokat, 2.30 172 PN Pn 11 49 02.2 +1.3
RSYD Resadiye-7K7S, 2.37 158 PN Pn 11 49 02.6 +0.7

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

ALU Alushta, 2.44 329 Pn Pn 11 49 03.1 +0.3
ALU Alushta, 2.44 329 Pn Pn 11 49 03.1 +0.3

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

COAL Corum-Alaca, 2.50 201 i P Pn 11 49 03.9 +0.2
COAL Corum-Alaca, 2.50 201 i P Pn 11 49 03.9 +0.2

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

SEV Sevastopol, 2.65 318 eP Pn 11 49 05.6 +0.1
SEV Sevastopol, 2.65 318 eP Pn 11 49 05.6 +0.1

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

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

BRTR Keskin Array B, 3.44 214 PN Pn 11 48 17.6 +0.9
BAYB BAYBURT, 3.42 104 Pn Pn 11 49 26.9 -0.7

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

ISC 12 12:13:54.8, 1.3, 48.91S, 0.2x124.84E, h0km, mb3.7/5,
mb1.3.9/5, mb1mx3.8/17, mbtmp3.7/5, MS3.6/5, Ms1.3.6/5,

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like H01W1, etc.

ASAR Alice Springs, 26.21 19 P P 11 29 30.9 -0.1
ASAR Alice Springs, 26.21 19 P P 11 29 30.9 -0.1

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

URZ Urewera, 38.61 94 LR LR 12 35 01.1
SNAAS SNAAS, 54.16 199 P Pn 11 22 30.9 0.0

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

NEIC 12 12:14:39.1, 1.9, 12.80S, 0.07x14.68W, 0.09, h10km, 1km,
mb4.8/27 Error ellipse: s-maj=15.3km s-min=12.0km

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like H10S2, etc.

ASCN Ascension, 4.89 3 Pn Pn 12 15 51.0 0.0
H10N1 ASCENSION HYDR 4.97 2 T T 12 21 15.6

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

DBIC Dimbokro, 21.69 27 eP P 12 19 28.3 -0.1
DBIC Dimbokro, 21.69 27 eP P 12 19 28.3 -0.1

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

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

ROSB Rosrio, 30.75 286 eP P 12 20 54.4 +0.2
VAO Valdivia, 32.30 247 eP P 12 21 07.9 +0.4

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

SMTB Santa Maria do, 32.58 274 eP P 12 21 10.4 +0.4
PILB Rio Claro- Sao, 32.65 248 eP P 12 21 11.8 +0.8

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

LSZ Lusaka, 41.57 99 P P 12 22 27.4 +0.8
LSZ Lusaka, 41.57 99 P P 12 22 27.4 +0.8

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

CPUP Villa Florida, 42.20 245 P P 12 22 31.6 +0.2
CPUP Villa Florida, 42.20 245 P P 12 22 31.6 +0.2

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

VILB Vilhena, 44.36 265 eP P 12 22 49.4 +0.6
SIV San Ignacio, 45.01 260 P P 12 22 54.8 +0.6

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

ETMB Extrema, 50.59 268 eP P 12 23 38.3 +0.8
ETMB Extrema, 50.59 268 eP P 12 23 38.3 +0.8

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

KMBO Kilima Mbogo, 52.70 82 P T 12 23 54.7 +1.1
KMBO Kilima Mbogo, 52.70 82 P T 12 23 54.7 +1.1

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

12d 13h

Table with columns: BRTR, Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Keskin Array B, Ar Rayn, Cerivenica-Dubn, etc.

Code Station Name Az AzZ Phase ID Time Res
WRA Warramunga Arr 14.24 157 Pn Pn 12 28 13.6 -1.0

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

IDC 12 12:24:51.4.2.0, 6.86S, 128.36E, h0km, mb3.5/1, mb1.4, 0.9, mb1mx3.6/27, mbtmp3.8/3, ML3.9/2, Error ellipse: s-maj=123.6km s-min=31.2km az=66.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like H10S2, H10S3, H10N1, etc.

2015 DEC

Table with columns: OK031, Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like S. Brethren Rd, QUOK, Bluff Creek, etc.

IDC 12 12:32:04.9.3.2, 13.14S, 141.21W, h0km, mb3.9/9, mb1.4, 0.9, mb1mx3.8/32 mbtmp4.0/9, MS3.7/13, Ms1.3, 7/13, ms1mx3.5/26, Error ellipse: s-maj=131.5km s-min=19.2km az=144.0

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

640

Table with columns: OGNE, Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Ogallala, O'Neill, State Center, etc.

NEIC 12 12:59:13.4.0.5, 51.8N, 0.2x178.5E, 0.2, h119km, 11km, ML3.5/2 (AEIC), Error ellipse: s-maj=29.4km s-min=15.8km az=109.0

AEIC 12 12:59:13.2.0.5, 51.7N, 0.2x178.6E, 0.2, h124km, 6km, Error ellipse: s-maj=26.0km s-min=15.7km az=168.0

IDC 12 12:59:15.0.4.6, 52.07N, 178.35E, h136km, 42km, mb3.3/14, mb1.3.5/15, mb1mx3.3/36, mbtmp3.8/15, MS3.3/1, Ms1.3.3/1, ms1mx2.4/32, Error ellipse: s-maj=25.3km s-min=14.0km az=165.0

ISC 12 12:59:12.2.0.6, 51.96N, 0.1x178.32E, 0.05, h113km, n45, s=128.42, mb3.6/14, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like CEAP, CERB, AMKA, GASF, etc.

WEL 12 13:06:43.7, 39.05S, 0.9x176.6E, h10km, 11km, M3.3/43, ML3.6/43, MLV3.3/43, Error ellipse: s-maj=0.0km s-min=0.0km az=74.5, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like KATZ, NTVZ, KRVZ, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HRRZ Handcock Road, KRHZ Kereru, HSRZ Hossack Road, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like OKCZ Okains Bay, LZB Fox Glacier, FOZ Lake Benmore, etc.

EAUF 12 13:35:36.3:1.4,25°27'S:30°89'E,h10km,MD3.6
BUL 12 13:35:28.5:10.0,24°08'S:33°47'E,h10km,MD3.8,
Mozambique

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MOPA Mopani, MOPA MOPA, CONG Changalane, etc.

DJA 12 13:36:05.2:1.9,9°S:12°x11°0E°,h206km,26km,M3.5/6,
MLV3.5/6
IDC 12 13:36:24.9:1.4,7°2'S:109°22'E,h0km,mb3.3/3,
mb1.3/4,mb1mx3.3/30,mbtmp3.3/3,Error ellipse:
s-maj=58.3km s-min=13.4km az=20.0

ISC 12 13:36:28.3:1.7,8:35:0.2:108:2:0.2,h50km,n6,c051/6,
mb2/9,3,Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CMJI Cimerak, LEM Lembang, LEM Lembang, etc.

DJA 12 14:10:02.0:2.0,3.4°S:3°12'9"E°,h10km,M4.3/9,mb4.5/6,
mb5.1/1,MLV4.3/9,MW(MB)4.5/1
IDC 12 14:10:05.2:1.8,4:12'S:129°73'E,h48km,17km,mb3.9/7,
mb1.4/0.1,mb1mx3.5/47,mbtmp4.2/10,ML4.5,MS3.0/4,
mb1.3/0.4,ms1mx2.6/35,Error ellipse: s-maj=2.7km
s-min=1.15km az=84.0

ISC 12 14:10:04.3:0.6,4:16'S:0°06':129°51'E:0.06,h36km,n34,
c1911/38,mb4.2/8,Banda Sea

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

PGC 12 13:15:19.4:20.0,48.89N:129.07W,h10km,MLSn3.0/14,
MW3.6/13,MW3.6/14,231km west of Tofino, Bc
Vancouver Island, Canada Region,Vancouver Island
region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KEMF NEPTUNE Canada, EDB Eliza Dome, PACB Port Alice, BC, etc.

WEL 12 13:23:00.5,44°S:2°17'E°,h15km,3km,M3.4/13,
ML3.5/14,MLV3.4/13,Error ellipse: s-maj=0.0km
s-min=0.0km az=119.6,South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MHCZ Mount Hutt, RPH Rata Peaks, ARZ Arundel, etc.

KRNET 12 14:29:34.7:0.1,42°27'N:72°40'E,h21km,mb3.0
SOME 12 14:29:35.2,42°28'N:72°43'E,h10km
NNC 12 14:29:36.7:0.5,42°52'N:72°40'E,h0km,mb3.8,mpv3.6,
Error ellipse: s-maj=7.9km s-min=1.8km az=0.0

KNET 12 14:29:36.9:0.4,42°31'N:72°57'E,h9km,2km,m2.5,Error
ellipse: s-maj=2.9km s-min=2.7km az=157.0
ISC 12 14:29:35.4:1.1,42°27'N:03°72'E:0.02,h5km,qkm,
n71,c1940/117,34C-31D,Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MNAS Manas, ARU Arti, TORD Torfdr. Bea, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MNAS baz=20, MRKS Merke, MRKS Merke, etc.

Table with columns: BTLs, Baital, 3.02 23 Pg, Pn, 14 30 25.6 +1.8, etc. Lists various stations and their associated data.

Table with columns: DMN, Daman, 22.48 338 eP, P, 14 34 51.6 +5.1, etc. Lists various stations and their associated data.

Table with columns: DZM, DZM, 12.82 158 P, Pn, 14 49 28.8 +3.3, etc. Lists various stations and their associated data.

IDC 12 14:34:51.0, 4.5, 4.11S; 129.75E; h49km, 51km, mb3.6/1, mb1 3.7/4, mb1mx3.4/30, mb1mp3.7/4, ML3.7/3, Error ellipse: s-maj=71.2km s-min=19.2km az=88.0

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

NEIC 12 14:46:27.1, 9.1015S; 0.09.161; 14E.0.10, h73km, 7km, mb4.8/57, Error ellipse: s-maj=16.0km s-min=9.9km az=51.0

IDC 12 14:46:28.0, 0.10; 205S; 161.12E, h86km, 3km, mb4.3/24, mb1 4.4/28, mb1mx2.4/46, mb1mp4.6/28, MS3.5/14, Ms1 3.5/14, ms1mx3.3/33, Error ellipse: s-maj=10.0km s-min=7.6km az=28.0

GCMT 12 14:46:28.0, 0.4, 10.07S; 0.03; 161.31E; 0.03, h87km, 5km, MW4.9/68, Moment Tensor Solution, s17, c19; s68, c87; Duration: 0 Moment tensor: Scale: 1019Nm; M0: 41E-15; Mw: 0.5; L: 14; Ms: 0.05; M: 1.5; t: 0.7; Mw: 0.3; 12; Mw: 0.09; 08; Best double couple: Mw: 2.55300; 1016 NP1: s=176.00000; a: 853.00000; A: 174.00000; NP2: s=269.00000; a: 885.00000; A: 338.00000; Principal axes: T: 2.3590, Plg2: 29.0000, Azm: 139.0000; N: 0.3870, Plg5: 0.0000, Azm2: 75.0000, P: -2.7460, Plg2: 2.0000, Azm3: 6.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-tensor function

ISC 12 14:46:25.9, 0.3, 10.19S; 0.05; 161.24E; 0.05, h67km, n175, s=1945/185, mb4.8/65, 1C-2D, Bougainville-Solomon Islands region

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

ASAR 12 14:49:48.0, 6.685N; 0.07; 94.48E; 0.08, h26km, n66, s=232/59, mb4.3/28, MS3.4/4, Nicobar Islands region

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

NEIC 12 14:49:45.9, 1.9, 6.78N; 0.09; 94.5E; 0.1, h10km, 1km, mb4.4/13, Error ellipse: s-maj=20.0km s-min=13.7km az=241.0

IDC 12 14:29:55.3, 2.9, 7.12N; 95.04E, h2km, 28km, mb3.5/13, mb1 3.7/15, mb1mx3.5/46, mb1mp3.8/15, MS3.7/3, Ms1 3.3/7, ms1mx3.0/38, Error ellipse: s-maj=33.4km s-min=12.4km az=61.0

DJA 12 14:29:56.1, 1.1, 7.7N; 6.9E; 1.4, h84km, 43km, M4.2/7, mb4.6/2, mb4.3/7, MLV4.1/6, Mw(Mw)3.8/2

ISC 12 14:29:48.0, 6.685N; 0.07; 94.48E; 0.08, h26km, n66, s=232/59, mb4.3/28, MS3.4/4, Nicobar Islands region

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

CN2	Changchun	62.81 332	eP	P	14 56 44.0 -0.5
CN2	comp=Z,2.0nm,0.6s				
PETK	Petrovavlovsk-	63.12 358	P	P	14 56 44.0 -0.6
PETK	comp=Z,1.3nm,0.7s,baz=77,slow=27,SNR=6				
KLR	Kul'dur	64.60 339	P	sP	14 57 08.5 -2.2
KLR	comp=Z,6.3nm,0.9s,baz=213,slow=7.8,SNR=3.4				
KLR	comp=Z,3.9nm,0.8s,baz=148,slow=6.2,SNR=1.0				14 57 18.8 -2.0
XAN	Xi'an	66.21 314	P	P	14 57 06.9 -0.7
XAN	comp=Z,3.1nm,0.7s,baz=143,slow=7.6,SNR=4.1				
VNDA	Vanda	67.31 180	P	Iamb	14 57 13.9 +0.7
VNDA	comp=Z,1.1nm,0.9s				14 57 14.7
CMAR	Chiang Mai Arr	67.72 295	LR	LR	15 26 56.7
CMAR	comp=Z,8.1nm,20.3s,baz=4.5,slow=36				
HHC	Hu-ho-hao-le	68.36 322	eP	P	14 57 20.3 -0.2
CD2	Chengde	68.59 309	P	P	14 57 22.1 0.0
LZH	Lanzhou	70.94 314	eP	P	14 57 37.9 +1.3
LZH	comp=Z,3.1nm,0.7s,baz=143,slow=7.6,SNR=4.1				14 57 58.0 +1.3
LZH	comp=Z,1.4nm,1.0s				14 58 09.4 +8.3
SEY	Seymchan	73.22 356	P	P	14 57 49.1 -0.3
SEY	comp=Z,3.5nm,0.7s,baz=142,slow=6.6,SNR=13				14 58 12.0 -2.1
SEY	comp=Z,4.1nm,1.0s,baz=154,slow=3.9,SNR=8.8				15 25 27.1
GTA	Goatari	75.31 315	P	P	14 58 03.0 +0.7
GTA	comp=Z,5.0nm,0.8s				14 58 02.9 +0.3
SOMM	Songino Array	75.40 325	P	P	14 58 24.0 +3.7
SOMM	comp=Z,2.1nm,0.7s,baz=142,slow=5.9,SNR=54				14 58 24.0 +3.7
SOMM	comp=Z,5.0nm,0.6s,baz=143,slow=6.0,SNR=4.5				14 58 02.7 +0.1
SOMM	comp=Z,1.0nm,0.8s				14 58 03.9
YAK	Yakutsk	76.09 345	P	P	14 58 05.9 -0.1
YAK	comp=Z,1.5nm,0.6s,baz=166,slow=0.6,SNR=18				14 58 28.3 -2.4
YAK	comp=Z,1.1nm,0.7s,baz=197,slow=0.6,SNR=4.3				15 29 08.3
YAK	comp=Z,6.2nm,21.9s,baz=96,slow=34				14 58 06.0 -0.1
YAK	comp=Z,1.5nm,0.6s,baz=166,slow=0.6,SNR=18				14 58 14.5 +0.6
KDKA	Kodiak Island	77.48 23	P	P	14 58 13.6 -0.4
KDKA	comp=Z,1.3nm,0.7s,baz=170,slow=1.5,SNR=12				14 58 27.6 +1.4
KDKA	comp=Z,1.3nm,0.7s,baz=170,slow=1.5,SNR=12				14 58 27.8 +1.3
M19K	Big River Lodg	79.73 20	P	P	14 58 32.5 +0.6
L19K	White Mountain	79.78 19	P	P	14 58 33.3
GSFA	South Pole Qui	79.81 180	P	P	14 58 32.9 +0.5
RC01	Rabbit Creek A	80.79 22	Iamb	Iamb	14 58 32.9
RC01	comp=Z,8.6nm,0.5s				14 58 32.9 +0.5
K20K	Telida	80.87 19	P	P	14 58 35.6 +0.8
PMR	Palmer	81.34 22	P	P	14 58 35.3 +0.3
I20K	Nowinta River	81.44 18	P	P	14 58 35.9 -1.0
CAST	Castle Rocks	81.55 19	P	P	14 58 38.1 -0.4
KTH	Kantishna Hill	82.03 20	Iamb	Iamb	14 58 39.3 -0.4
KTH	comp=Z,1.0nm,0.8s				14 58 39.3 -0.4
TRF	Thorofore Moun	82.17 20	P	P	14 58 42.1 +0.4
TRF	comp=Z,8.3nm,0.8s				14 58 42.9 +0.5
RND	Reindeer	82.62 20	P	P	14 58 46.4
RND	comp=Z,9.2nm,0.8s				14 58 42.5 -0.1
I21K	Tanana	82.81 18	P	P	14 58 43.0 +0.3
I21K	comp=Z,9.4nm,1.0s				14 58 43.5 +0.6
MCK	McKinley	82.81 20	P	P	14 58 45.5 +0.5
IMAR	Indian Mountai	82.85 17	P	P	14 58 45.5 +0.5
H21K	Melozitina Riv	82.89 17	P	P	14 58 47.4 -0.4
MLY	Manley	83.09 19	Iamb	Iamb	14 58 47.4 -0.4
GLB	Gilahina Butte	83.25 23	P	P	14 58 47.4 -0.4
GLB	comp=Z,8.2nm,0.7s				14 58 47.4 -0.4
WRH	Wood River Hill	83.57 20	P	P	14 58 47.4 -0.4
WRH	comp=Z,5.9nm,0.6s				14 58 47.4 -0.4
I23K	Minto, Yukon-K	83.60 19	P	P	14 58 47.4 -0.4
I23K	comp=Z,7.1nm,1.1s				14 58 47.4 -0.4
CCB	Clear Creek Bu	83.78 20	P	P	14 58 47.4 -0.4
CCB	comp=Z,5.6nm,0.6s				14 58 47.4 -0.4
MAW	Mawson	83.83 202	P	P	14 58 47.4 -0.4
MAW	comp=Z,3.3nm,0.8s,baz=121,slow=5.9,SNR=2.5				14 58 47.5 -0.3
MDM	Murphy Dome	83.84 19	P	P	14 58 49.4 +1.1
MDM	comp=Z,9.1nm,1.0s				14 58 47.4 -0.8
BARN	Barnard Glacier	83.89 24	P	P	14 58 49.6
HDA	Harding Lake	83.92 20	Iamb	Iamb	14 58 50.2 +0.6
HDA	comp=Z,1.2nm,0.8s				14 58 51.2
M26K	Nabesna, AK	84.12 23	P	P	14 58 50.2 +0.6
M26K	comp=Z,8.6nm,0.8s				14 58 46.7 -0.7
IL31	Eielson Array	84.17 20	P	P	14 58 49.1 -0.4
IL31	comp=Z,2.0nm,0.4s,baz=241,slow=4.9,SNR=74				14 59 12.0 +2.1
ILAR	Eielson Array	84.17 20	P	P	14 58 49.2 -0.3
ILAR	comp=Z,3.1nm,0.9s,baz=239,slow=5.9,SNR=5				14 58 49.8 -0.3
TIXI	Tiksi	84.45 350	P	P	14 59 13.7 -2.0
TIXI	comp=Z,2.2nm,0.5s,baz=142,slow=6.1,SNR=14				14 58 50.4 -0.4
TIXI	comp=Z,1.9nm,0.6s,baz=131,slow=1.0,SNR=2.9				14 59 17.5
TIXI	comp=Z,1.0nm,1.5s				14 58 51.9 +0.9
DOT	Dot Lake	84.46 21	P	P	14 58 52.6
DOT	comp=Z,9.4nm,0.7s				14 58 52.7 +1.1
M27K	Edge Creek, AK	84.53 23	P	P	14 59 17.0
M27K	comp=Z,1.1nm,0.8s				14 58 53.3 +1.1
SCRK	Sand Creek	84.68 21	Iamb	Iamb	14 58 53.9
SCRK	comp=Z,8.2nm,0.7s				14 58 54.9 +1.4
L27K	Beaver Creek,	84.94 23	P	P	14 59 21.7
L27K	comp=Z,9.9nm,1.4s				14 58 57.3 +1.2
WMQ	Urumqi	85.38 316	eP	P	14 58 57.3 +1.2
WMQ	comp=Z,1.4nm,0.7s				14 58 52.6
WMQ	comp=Z,1.2nm,0.4s				14 59 40.2 +3.2
TOLK	Took Lake Re	85.86 16	P	P	14 59 40.2 +3.2
EGAK	Eagle	86.15 21	P	P	14 59 41.0
EGAK	comp=Z,7.1nm,0.8s				14 59 14.7 +1.3
NVAR	Noril'sk	88.89 51	P	P	14 59 16.0 -1.7
NVAR	comp=Z,2.2nm,0.7s,baz=233,slow=7.4,SNR=8.9				14 59 41.6
MK31	Makanchi Array	89.29 318	P	P	14 59 16.9 -0.8
MK31	comp=Z,3.9nm,1.0s				14 59 10.6
MKAR	Makanchi Array	89.89 318	P	P	14 59 10.6
MKAR	comp=Z,0.6nm,0.4s,baz=93,slow=6.9,SNR=23				14 59 20.4 -3.2
ZALV	Zalesovo Beam	90.30 325	LR	LR	14 59 27.9 +0.4
ZALV	comp=Z,1.3nm,1.8s,baz=52,slow=5				14 59 29.3
SYO	Syowa Base	91.27 190	eX	P	14 59 29.3
NEW	Newport	92.01 41	P	P	14 59 29.3
NEW	comp=Z,4.1nm,0.7s				14 59 31.7 -1.2
KURBB	Kurchatov Arra	93.20 321	P	P	14 59 31.7 -1.2
KURBB	comp=Z,0.3nm,0.4s,baz=103,slow=3.1,SNR=5.2				14 59 53.8 +0.6
KURBB	comp=Z,1.8nm,0.8s,baz=107,slow=3.2,SNR=8.0				14 59 36.8
NRKI	Noril'sk	93.79 340	LR	LR	14 59 47.4 0.0
NRKI	comp=Z,5.4nm,22.0s,baz=92,slow=35				14 59 46.3 +0.3
PDAR	Pinedale Array	96.25 48	P	P	14 59 46.3 +0.3
PDAR	comp=Z,0.5nm,0.8s,baz=174,slow=1.5,SNR=4.6				14 59 46.3 +0.3
YKA	Yellowknife Arr	96.27 28	P	P	14 59 46.3 +0.3
YKA	comp=Z,2.4nm,0.7s,baz=162,slow=4.9,SNR=15				15 00 10.2 -1.7
ARCES	ARCES Array B	114.36 344	PKiKp	PKiKp	15 04 57.0 -0.6
ARCES	comp=Z,3.9nm,1.0s,baz=331,slow=1.5,SNR=8.4				

BOSA Boshof 122.59 226 PKP PKPpdf 15 05 13.6 -1.2
 comp=Z,2.7nm,1.1s,baz=150,slow=3.0,SNR=3.7

CRVS Cervencia-Dubn 128.91 327 ePKP PKiKp 15 05 29.7 +3.0
 GEREES GEREES Array B 132.90 331 PKP PKPpdf 15 05 34.0 +0.3
 comp=Z,0.3nm,0.5s,baz=77,slow=3.0,SNR=2.4

ESDC Sonseca Array 147.82 338 PKPbC PKPbC 15 06 03.2 -0.6
 comp=Z,0.4nm,0.5s,baz=77,slow=3.0,SNR=3.4

SJA 12 15:08:54.4e.0.7,35:13Sx72:25W,h69km,2km,ML4.9, MW4.7
NEIC 12 15:08:58.2,2.1,35:01S:0:05:71:94W,0:0:09,h41km,4km, s-maj=10.6km s-min=6.7km az=111.0
GUC 12 15:08:58.4,0.6,35:08S:71:92W,h51km,3km,ML4.9
NEIC 12 15:08:58.35:01S:71:90W,h47km,Moment Tensor Solution. Moment tensor: Scale 10¹⁹Nm; Mrr7.41; Mss-0.84; Mss-6.57; Mss-0.79; Mss-5.45; Fault plane solution: Ms8.94000x10¹⁵ NP1:ps180.69000*, d63.91000*, d84.45000*. NP2:ps13.15000*, d26.64000*, d101.18000*. Principal axes: T 9.3259, Plg71.0000*, Azm79.0000*; N -0.8357, Plg75.0000*, Azm183.0000*; P 8.4903, Plg19.0000*; Azm275.0000*
VAO 12 15:08:59.0,0.6,35:00S:71:62W,h43km,mb4.8
MOS 12 15:08:00.0,1.1,34:38S:71:64W,h67km,mb5.2/6, Error ellipse: s-maj=15.8km s-min=8.0km az=83.8
IDC 12 15:09:01.4,2.6,34:37S:71:64W,h61km,2.2km,mb4.4/12, mb1 4.5/16, mb1mx3.2/8, mbmp4.6/16, ML4.6/4, MS3.6/11, Ms1 3.6/11, ms1mx3.5/22, Error ellipse: s-maj=22.2km s-min=12.9km az=84.0
**ISC 12 15:08:58.7,0.6,35:03S:0:04:71:89W,0:0:05,h46km,5km, n274, s1966/283, mb4.9026, MS3.7/11, 17C-19D, Fault plane solution: NP1:ps9.57799*, d49.37024*, d86.45079*. NP2:ps195.01907*, d40.75768*, d94.12679*. Principal axes: T P164.9143*, P P14.3111*, Azm102.0940*; N P162.6929*, Azm11.8908*; P P14.3111*, Azm102.0940*;
Central Chile**

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
GO05	Huala	0.04	302	eP	15 09 06.2 +0.4	Pn
GO05				sP	15 09 11.8 +0.9	Pn
GO05	comp=E,99mu,0.4s			IAML	15 09 13.0	
GO05	Huala	0.04	302	Pn	15 09 06.4 +0.5	Pn
GO05				Sn	15 09 11.5 +0.6	Pn
GO05	Huala	0.04	302	eP	15 09 06.2 +0.4	Pn
GO05				sP	15 09 14.4 +3.5	Pn
BO01	Tunca	0.92	46	eP	15 09 27.0 -0.3	Pn
BO01				sP	15 09 27.0 -0.3	Pn
BO01	Tunca	0.92	46	Pn	15 09 15.0 -0.2	Pn
BO01				Sn	15 09 25.1 -2.3	Pn
BO01	Tunca	0.92	46	eP	15 09 15.2 0.0	Pn
BO01				sP	15 09 26.8 -0.6	Pn
BO01				IAML	15 09 27.8	
BO02	Sierra Bellavi	0.94	76	Pn	15 09 15.4 -0.2	Pn
MT01	Popeta	1.28	25	eP	15 09 20.6 +0.5	Pn
MT01				sP	15 09 37.5 +1.5	Pn
MT01	comp=E,31mu,0.2s			IAML	15 09 41.2	
MT01	Popeta	1.28	25	Pn	15 09 20.0 -0.1	Pn
MT01	Popeta	1.28	25	eP	15 09 20.6 +0.5	Pn
MT01				sP	15 09 39.6 +3.6	Pn
MT01				IAML	15 09 41.0	
VA05	Santo Domingo	1.39	10	Pn	15 09 21.7 +0.1	Pn
VA05				sP	15 09 39.5 +0.8	Pn
VA05				IAML	15 09 49.1	
VA05	Santo Domingo	1.39	10	Pn	15 09 21.7 +0.1	Pn
MT09	Talagante	1.46	31	eP	15 09 23.5 +0.8	Pn
MT09				sP	15 09 42.0 +1.3	Pn
MT09	comp=N,46mu,0.3s			IAML	15 09 44.8	
MT09	Talagante	1.46	31	Pn	15 09 22.9 +0.2	Pn
BO04	La Punta	1.48	46	eP	15 09 23.3 +0.4	Pn
BO04				sP	15 09 42.4 +1.2	Pn
BO04						

Table with columns: Code, Station Name, Az, El, P, Res, and various other parameters. Includes stations like Cascavel-CE, Santo Domingo, El Baul, Pedro Velho, Birongo, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and various other parameters. Includes stations like WAKE ISLAND Hy26.33 270 T, Kislovodsk, Klimovskoe, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and various other parameters. Includes stations like MAKA Ulcinj, Selova, Lastovo, Mrkonjic Grad, etc.

AEIC 12:15:13.51.6:1.4.51.9N:0.1x178:4E:0.1, h127km, 4km, Error ellipse: s-maj=16.3km s-min=10.5km az=171.0

BUI 12 15:13:51.9.0.0.52:00N:178:40E, h123km, mB4.9/16, mB4.6/37
 MOS 12 15:13:51.4.1.0.52:06N:178:41E, h129km, mB4.5/26, Error ellipse: s-maj=6.6km s-min=4.9km az=133.8
 GCMT 12 15:13:52.0.4.52:10N:03:178:51E:0:04, h116km,4km,MW4.9/79,Moment Tensor Solution, s19,c20; s79,c104; Duration: 0 Moment tensor: Scale 10¹⁶Nm; M₁-1.62z-12; M₂-0.82z-14; M₃-2.44z-11; M₄-1.22z-10; M₅-0.52z-16; M₆-0.61z-09; Best double couple: M₂:59000:0:1016 NP1:302:00000:344:00000:1-39:00000: NP2:302:00000:366:00000:1-127:00000: NP3:302:00000:388:00000:1-127:00000: P: N-0.1890, Pz183.0000; Azm340.0000; P -25120, P1g55.0000, Azm184.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
 NEIC 12 15:13:52.1.4.52:01N:0:10:178:40E:0:09, h124km,5km,mB4.8/131,ML4.6/39(AEIC) Error ellipse: s-maj=14.4km s-min=7.4km az=190.0
 IDC 12 15:13:53.1.0.52:10N:178:35E, h128km,3km, mB4.1/49, mB1.4/252, mB1mx1.2/71, mBtmp4.5/52, MS3.0/10, Ms1.3/6/10, ms1mx3.1/55, Error ellipse: s-maj=9.7km s-min=6.5km az=158.0

ISC 12 15:13:52.4.0.62:08N:0:05:178:28E:0:03, h124km,3km, h124km:pP, n577, r13:32/565, mB4.7/153,22c-11D, Rat Islands

Code	Station Name	Lat	Lon	Phase	ID	ISC	Time	Res
		°N	°E				h m s	ISC
CEAP	Semis' Anvil P	0.81	95	Pn			15 14 12.8	-0.2
CERB	Semis' Carbu	0.85	99	S			15 14 13.1	-0.2
CERR	Semis' Cerber	0.85	99	S			15 14 23.9	0.0
CERRA	Semis' Rgd' T	0.88	101	Pn			15 14 12.9	-0.7
AMKA	Amchitka	0.94	137	Pn			15 14 28.3	-2.3
AMKA	Amchitka	0.94	137	Pn			15 14 12.5	-1.7
GASW	Gareloi South	1.80	98	Pn			15 14 22.6	-0.9
GANO	Gareloi North	1.82	97	Pn			15 14 23.3	-0.9
GALLA	Gareloi Lava P	1.85	99	Pn			15 14 23.3	-0.9
GAEA	Gareloi East	1.86	98	Pn			15 14 23.8	-0.5
TASE	Tanaga Southea	2.29	95	Pn			15 14 28.8	-0.8
TAFP	Tanaga Falls P	2.32	93	Pn			15 14 28.9	-1.1
TAFP	Tanaga Falls P	2.32	93	Pn			15 14 57.6	-1.2
TAFI	Tanaga Flats	2.39	96	Pn			15 14 30.0	-0.5
TAPA	Tanaga Point A	2.43	95	Pn			15 14 30.5	-0.9
KIMD	Kanaga Island	2.79	95	Pn			15 14 34.8	-1.3
KICM	Kanaga Island	2.80	91	Pn			15 14 35.5	-0.7
KIKV	Kanaga Island	2.82	92	Pn			15 14 35.7	-0.7
KIKW	Kanaga Island	2.83	93	Pn			15 14 35.2	-1.4
KIKK	Adak	3.12	92	P			15 15 16.1	
ADK	Adak	3.12	92	Pn			15 14 38.8	-1.5
ADK	Adak	3.12	92	Pn			15 14 39.2	-1.1
GSCK	Great Sitkin C	3.43	89	Pn			15 14 43.3	-1.1
GSTR	Great Sitkin T	3.49	87	Pn			15 14 43.9	-1.3
GSMY	Great Sitkin M	3.50	88	Pn			15 14 44.3	-1.0
GSMY	Great Sitkin M	3.50	88	S			15 15 26.0	-0.2
KOKL	Mount Kiluichef	4.63	84	Pn			15 15 00.0	-0.4
ATKA	Atka Island	4.64	85	Pn			15 14 59.3	-1.1
ATKA	Atka Island	4.64	85	Pn			15 15 00.0	-0.4
KORF	Korovin Flat P	4.70	85	Pn			15 14 19.5	+0.2
KOSE	Korovin Southe	4.72	84	Pn			15 15 01.6	-0.1
NIKH	Nikolski High	7.90	78	Pn			15 15 44.7	+0.4
NIKH	Nikolski High	7.90	78	P			15 15 44.2	-0.1
BKI	Bering	7.96	298	Pn			15 15 45.9	+0.8
BKI	Bering	7.96	298	S			15 17 08.5	-4.8
OKCE	Okmok Cone E	8.34	75	Pn			15 15 51.5	+1.2
SPIA	Saint Paul Isl	8.39	48	Pn			15 15 52.9	+2.1
SPIA	Saint Paul Isl	8.39	48	P			15 15 52.5	+1.7
OKTU	Okmok Mt. Tuli	8.41	76	Pn			15 15 52.9	+1.6
MSW	Makushin Switc	9.20	73	Pn			15 16 02.9	+1.1
MNAT	Makushin Natee	9.25	73	Pn			15 16 03.7	+1.1
UNV	Unalaska Valle	9.35	73	Pn			15 16 04.3	+0.3
UNV	Unalaska Valle	9.35	73	P			15 16 04.2	+0.3
UNV	Unalaska Valle	9.35	73	P			15 16 04.4	+0.5
AKLA	Akutan Long Va	9.71	71	Pn			15 16 10.5	+1.8
AKSA	Akutan Strait	9.86	72	Pn			15 16 12.9	+2.2
KBTR	Krutobergovo	9.97	301	P			15 16 11.7	-0.4
MIYS	Mys Kozlova	10.21	49	Pn			15 16 14.9	+0.5
TILK	Tilichiki	10.75	326	S			15 16 24.2	+1.6
TILK	Mys Shipunski	11.16	282	S			15 16 17.8	-0.3
SPN	Mys Shipunski	11.16	282	S			15 16 28.4	+0.3
SPN	Mys Shipunski	11.16	282	S			15 16 28.6	-0.2
OSSR	Ossora	11.18	316	Pn			15 16 30.4	+2.0
TUMR	Tumrok	11.22	294	Pn			15 16 26.1	+2.7
TUMR	Tumrok	11.22	294	S			15 16 24.5	-8.0
KMNR	Kamenistaya	11.25	296	Pn			15 16 29.4	-0.1
FALS	False Pass	11.26	68	Pn			15 16 30.0	+0.6
FALS	False Pass	11.26	68	P			15 16 30.0	+0.6
FALS	False Pass	11.26	68	P			15 16 27.9	-1.5
KAL	Karymskiy	11.50	287	Pn			15 16 33.2	+0.5
NLC	Nalytchevo	11.56	283	Pn			15 16 34.7	+1.2
NLC	Nalytchevo	11.56	283	S			15 16 35.3	-5.3
SDLR	Sedlovina	11.84	283	Pn			15 16 37.7	+0.5
SMAR	Somma	11.88	283	Pn			15 16 34.4	+0.4
PWR	Koryakskii	11.91	284	Pn			15 16 39.3	+1.0
AVH	Avacha	11.92	283	Pn			15 16 39.3	+1.0
DALK	Daliny	11.92	282	Pn			15 16 38.4	+0.2
KOK	Koryaka	11.98	284	Pn			15 16 40.2	+1.1
PET	Petrovavlovsk	11.98	282	Pn			15 16 39.5	+0.5
PET	Petrovavlovsk	11.98	282	Pn			15 16 47.0	-3.8
PET	Petrovavlovsk	11.98	282	P			15 16 41.3	+2.3
RUS	Russkaya	12.12	279	P			15 16 42.3	+1.5
RUS	Russkaya	12.12	279	S			15 16 48.2	-5.9
ESO	Esso	12.14	296	Pn			15 16 41.6	+0.5
KRMR	Karymskiy	12.31	281	Pn			15 16 43.9	+0.6
MTVR	Mutnovka	12.31	280	Pn			15 16 44.8	+1.3
MTVR	Mutnovka	12.31	280	S			15 16 53.5	-5.6
GNL	Ganally	12.39	286	Pn			15 16 44.8	+0.4
KDTR	Khodutka, Kamc	12.47	277	Pn			15 16 46.3	+0.9
KDTR	Khodutka, Kamc	12.47	277	S			15 16 55.5	-7.0
ASAK	Asacha	12.50	279	Pn			15 16 46.8	+1.0
PEAOB	Petrovavlovsk	12.55	283	Pn			15 16 46.6	+0.1
PEAOB	Petrovavlovsk	12.55	283	Pn			15 16 47.9	+1.4
PETK	Petrovavlovsk	12.55	283	Pn			15 16 46.8	+0.3
PETK	Petrovavlovsk	12.55	283	Pn			15 16 47.4	+0.9
APC	Apacha	12.89	282	Pn			15 16 53.5	+2.6
SDPT	Sand Point	12.99	67	Pn			15 16 49.9	-2.1
SDPT	Sand Point	12.99	67	Pn			15 16 50.0	-2.1
MIPR	Malaya Ipe'ka	13.21	279	Pn			15 16 56.4	+1.4
PAU	Pauzhetka	13.31	276	Pn			15 16 57.6	+1.4
CHNA	Chernabura Isl	13.46	69	Pn			15 16 55.5	-2.7
CNBA	Chernabura Isl	13.46	69	Pn			15 16 55.2	-2.9
SKR	Severo-Kuril's	13.91	273	Pn			15 17 06.7	-1.3
SKR	Severo-Kuril's	13.91	273	S			15 19 31.4	-5.8
TNA	Tinikity	15.23	22	Pn			15 17 20.1	-0.5
CHIR	Chirikof Islan	15.77	66	Pn			15 17 25.8	-1.5
CHIR	Chirikof Islan	15.77	66	Pn			15 17 26.0	-1.4
P18K	Big Mountain,	16.53	53	P			15 17 37.3	+0.2
P18K	Big Mountain,	16.53	53	Iamb			15 17 42.0	
P18K	Big Mountain,	16.53	53	P			15 17 37.5	+0.4
SII	Sitkinak Islan	16.62	63	Pn			15 17 35.3	-2.5
SII	Sitkinak Islan	16.62	63	Iamb			15 17 46.9	
SII	Sitkinak Islan	16.62	63	Pn			15 17 36.5	-1.3
O18K	Koktuh Hills	16.66	52	P			15 17 40.2	+1.7
O18K	Koktuh Hills	16.66	52	P			15 17 39.2	+0.7
BILL	Bilibino	17.04	345	Pn			15 17 45.2	+2.5
BILL	Bilibino	17.04	345	Pmax			15 17 45.2	+2.5
MA2	Magadan	17.08	307	I			15 17 44.6	+1.2
O19K	Port Alsworth	17.19	51	Pn			15 17 45.3	+0.7
O19K	Port Alsworth	17.19	51	P			15 17 44.3	-0.4
O19K	Port Alsworth	17.19	51	P			15 17 44.4	-0.3

N19K	Bonanza Creek	17.29	49	P	Pn		15 17 47.3	+1.4
TTA	Tatalina	17.43	41	P	Pmax		15 17 48.7	+1.0
TTA	Tatalina	17.43	41	Iamb			15 17 48.7	+1.0
TTA	Tatalina	17.43	41	P	Pn		15 17 50.5	
SEY	Seymchan	17.51	318	P	Pn		15 17 49.2	+0.7
SEY	Seymchan	17.51	318	P	ScP		15 25 43.3	-1.1
P19K	Oil Pt	17.53	53	P	P		15 17 47.2	-1.5
KDAK	Kodiak Island	17.60	60	P	P		15 17 47.1	-1.7
KDAK	Kodiak Island	17.60	60	I	P		15 17 46.9	-1.9
KDAK	Kodiak Island	17.60	60	Iamb			15 17 47.0	-1.7
KDAK	Kodiak Island	17.60	60	Iamb			15 17 49.1	
KDAK	Kodiak Island	17.60	60	P	P		15 17 47.1	-1.7
L19K	White Mountain	17.61	44	Pn	Iamb		15 17 50.3	+0.6
L19K	White Mountain	17.61	44	Iamb			15 17 54.2	
L19K	White Mountain	17.61	44	P	Pn		15 17 50.1	+0.4
M19K	Big River Lodge	17.70	46	P	Pn		15 17 49.7	-0.3
O20K	Slope Mountain	17.98	52	P	P		15 17 52.9	-0.1
GCSA	Galena City Sc	18.01	36	P	Pn		15 17 54.2	-0.2
L20K	Farwell, AK	18.14	44	P	P		15 17 55.3	+0.5
HOM	Home	18.37	54	P	P		15 17 57.7	+0.4
K20K	Telida	18.41	41	P	P		15 17 58.0	+0.3
SPU	Mount Spurr	18.53	49	P	Pn		15 18 00.3	-0.4
CNPM	China Pool	18.55	54	P	P		15 17 59.2	-0.1
J20K	Novinta River	18.75	39	P	Iamb		15 18 02.7	-0.5
J20K	Novinta River	18.75	39	P	P		15 18 02.6	-0.5
J20K	Novinta River	18.75	39	P	P		15 18 02.6	-0.5
BRLE	Bradley Lake S	18.77	54	P	P		15 18 01.1	-0.5
BRSE	Bradley Lake S	18.84	54	P	P		15 18 01.7	-0.6
CAPN	Captain Cook N	18.85	51	P	P		15 18 02.4	-0.0
PPLA	Purkeypile	19.02	44	P	Pn		15 18 05.4	-0.1
PPLA	Purkeypile	19.02	44	P	P		15 18 05.4	+1.0
CAST	Castle Rocks	19.26	42	P	Pn		15 18 08.4	-0.8
CHUM	Lake Minchum	19.35	41	P	Pn		15 18 09.6	-0.6
O22K	Cooper Landing	19.48	52	P	P		15 18 10.3	+1.0
O22K	Cooper Landing	19.48	52	P	P		15 18 08.9	-0.3
SEW	Seward	19.54	53	P	P		15 18 08.5	-1.4
SEW	Seward	19.54	53	P	P		15 18 08.6	-1.4
M22K	Willow	19.58	48	P	P		15 18 09.6	-0.7
RC01	Rabbit Creek A	19.60	50					

12d 15h

Table with columns: MDJ, Location, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like Mudanjiang, WAKE ISLAND Hy 33.49 200, WAKE ISLAND Hy 33.50 200, etc.

2015 DEC

Table with columns: CWC, Location, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like Cottonwood Cre, Isabella, Lake, Troy Canyon, C, Nanjing, North Greenlan, etc.

646

Table with columns: CBKS, Location, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like Cedar Bluff, Chengdu, WAKE ISLAND Hy 33.50 200, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Sunshine Farm, Standing Stone, Karatay Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OBKA Obir, WBO Warramunga Arr, WR0 Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Time, Res, and other parameters. Includes stations like YULI Yuli, TWF1 Yuli, YULB Yu-Ii, etc.

ADC 12 15:24:13.4 ± 12.0, 2'42Sx 101'65E, h146km, 122km, mb3.7/13, mb1 3.8/13, mb1mx3.3/49, mbtmp4.1/13, Error ellipse: s-maj=40.0km s-min=17.7km az=59.0

12d 15h

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ECL Taimali, NACB Ninganchiao, NACB Ninganchiao, ET LH Xiulin Townshi, etc.

2015 DEC

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like NTY Taoyuan, PHUB Peng-hu, PHUB, TIPB Shuangxi, PNG Penghu, TAP Taipei, etc.

648

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like LZH, GTA Gaotai, GTA, GTA, GTA, etc.

DJA 12 15:46:47.4, 0.7, 3.1, N.5, 12, 8E, h151km, 5km, M4, 1/13, mb4.3/6, mb4.5/2, MLv4, 1/13, Mw(mb)3.6/2, IDC 12 15:46:49.1, 2.8, 2.67N: 128.36E, h171km, 30km, mb3.5/10, mb1.3, 5/11, mb1mx3.3/52, mbtmp3.9/11, Error ellipse: s-maj=10.6km s-min=12.8km az=75.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like TNTI Ternate, SGTI Sangihe, LRMi Labuan, SWI Sorong, SIJI Sorong, etc.

BLOK	Sg	Sg	17 40 51.5 0.0
QUOK	Pg	Pg	17 40 49.4 +0.3
QUOK	Pg	Pg	17 40 55.2 +0.4
OK031	Pg	Pg	17 40 51.6 +0.5
OK031	Pg	Pg	17 40 58.4 +0.6
OK034	Pg	Pg	17 40 51.7 +0.4
OK034	Pg	Pg	17 40 58.9 +0.5
OK030	Pg	Pg	17 40 52.3 +0.4
OK030	Pg	Pg	17 40 59.8 +0.2
KAN13	Pg	Pg	17 40 53.3 +0.3
KAN13	Pg	Pg	17 41 02.1 +0.8
CROK	Pg	Pg	17 40 54.4 +0.4
CROK	Pg	Pg	17 41 03.5 +0.6
OK029	Pg	Pg	17 40 54.4 +0.4
OK029	Pg	Pg	17 41 04.2 -0.8
T35A	Pg	Pg	17 40 54.1 +0.1
T35A	Pg	Pg	17 41 02.9 -0.1
T35B	Pg	Pg	17 40 54.0 0.0
T35B	S	Sg	17 41 03.0 -0.1
GC02	Pg	Pg	17 40 54.7 +0.2
GC02	Pg	Pg	17 41 04.4 +0.6
OK005	Pg	Pg	17 40 56.1 +0.4
OK005	Pg	Pg	17 41 06.8 +0.9
KAN17	Pg	Pg	17 40 56.1 +0.4
KAN17	Pg	Pg	17 41 06.7 +0.5
KAN10	Pg	Pg	17 40 56.7 +0.3
KAN10	Pg	Pg	17 40 57.0 +0.1
KAN14	Pg	Pg	17 41 07.9 0.0
BCOK	Pg	Pg	17 40 57.6 +0.2
BCOK	Pg	Pg	17 41 09.4 +0.7
OK025	Pg	Pg	17 40 57.8 +0.3
OK025	Pg	Pg	17 41 09.3 +0.6
KAN01	Pg	Pg	17 40 57.6 +0.1
KAN01	Pg	Pg	17 41 08.9 +0.1
OK001	Pg	Pg	17 40 58.0 +0.3
OK001	Pg	Pg	17 41 10.4 -0.1
OK009	Pg	Pg	17 40 58.0 +0.2
KAN05	Pg	Pg	17 40 57.8 -0.1
KAN05	Pg	Pg	17 41 10.0 +0.5
OK032	Pg	Pg	17 40 58.9 +0.1
OK032	Pg	Pg	17 41 10.3 -0.5
KAN06	Pg	Pg	17 40 59.7 -0.2
KAN06	Pg	Pg	17 41 13.1 +0.3
OK011	Pg	Pg	17 40 60.0 -0.3
KAN10	Pg	Pg	17 41 00.3 -0.3
KAN10	Pg	Pg	17 41 01.0 -0.1
KAN10	Pg	Pg	17 41 13.6 -0.3
KAN08	Pg	Pg	17 41 10.5 -0.1
KAN08	Pg	Pg	17 41 14.6 -0.2
OKCFA	Pg	Pg	17 41 00.9 0.0
OKCFA	Pg	Pg	17 41 14.9 +0.4
OKCFA	Pg	Pg	17 41 00.9 0.0
OKCFA	S	Sb	17 41 15.4 +0.1
OKCFA	Pg	Pg	17 41 01.1 0.0
OK656	Pg	Pg	17 41 01.3 -0.3
KAN16	Pg	Pg	17 41 15.5 -0.1
KAN16	Pg	Pg	17 41 10.1 -0.1
KAN12	Pg	Pg	17 41 15.8 -0.4
FNO	Pg	Pg	17 41 03.3 -0.4
FNO	Pg	Pg	17 41 19.4 +0.2
TUL1	Pg	Pg	17 41 03.3 -0.6
TUL1	Pg	Pg	17 41 03.2 -0.1
TUL1	Pg	Pg	17 41 03.3 -0.6
TUL1	S	Sg	17 41 19.6 +0.1
W35A	Pn	Pn	17 41 04.5 -0.9
W35A	Pn	Pn	17 41 21.8 -0.7
U32A	Pn	Pn	17 41 08.6 +0.4
U32A	Pn	Pn	17 41 28.4 +0.2
U32A	Pn	Pn	17 41 30.4
U32A	Pn	Pn	17 41 08.7 +0.4
U32A	Pn	Pn	17 41 29.3 +0.2
X34A	Pb	Pb	17 41 15.4 -0.7
X34A	Pb	Pb	17 41 43.8
U38A	Pn	Pn	17 41 18.3 +0.3
U38A	Pn	Pn	17 41 19.1 +1.1
X37A	Pn	Pn	17 41 19.4 -0.3
X37A	Pn	Pn	17 41 59.7
X37A	Pn	Pn	17 41 20.9 +1.2
X37A	S	Sb	17 41 50.9 -1.5
R32A	Pn	Pn	17 41 19.0 -0.8
R32A	Pn	Pn	17 41 54.9
R32A	S	Sn	17 41 50.2 +1.3
LOOK	Pn	Pn	17 41 20.8 -0.3
HHAR	Pn	Pn	17 41 23.0 0.0
HHAR	Pn	Pn	17 41 24.5 +1.4
KSU1	Pn	Pn	17 41 25.5 +1.0
KSU1	Pn	Pn	17 41 25.8 +1.2
W39A	Pn	Pn	17 41 29.4 +0.7
W39A	Pn	Pn	17 42 23.8
Z35A	Pn	Pn	17 41 29.1 -1.1
CBKS	Pn	Pn	17 41 29.9 -0.9
S39A	Pn	Pn	17 41 31.8 -1.1
S39A	Pn	Pn	17 41 33.8 +0.9
U40A	Pn	Pn	17 41 34.6 -0.5
U40A	Pn	Pn	17 42 29.2
U40A	Pn	Pn	17 41 35.6 +0.6
U40A	Pn	Pn	17 41 35.6 +0.6
MIAR	Pn	Pn	17 41 35.3 +0.1
MIAR	Pn	Pn	17 42 37.7
MIAR	Pn	Pn	17 41 36.0 +0.9
Z38A	Pn	Pn	17 41 35.7 -1.7
MGMO	Pn	Pn	17 41 43.4 +1.2
X40A	Pn	Pn	17 41 41.5 -1.2
X40A	Pn	Pn	17 42 42.2
X40A	Pn	Pn	17 41 43.6 +1.0
X40A	Pn	Pn	17 41 43.6 +1.0
AMTX	Pn	Pn	17 41 41.9 -0.9
AMTX	Pn	Pn	17 42 47.7
FCAR	Pn	Pn	17 41 42.0 -1.8
FCAR	Pn	Pn	17 42 52.9
WHAR	Pn	Pn	17 41 43.3 -0.6
WHAR	Pn	Pn	17 42 50.8
W41B	Pn	Pn	17 41 45.3 +0.5
P38A	Pn	Pn	17 41 44.6 -1.6
P38A	Pn	Pn	17 42 58.2
W41B	Pn	Pn	17 41 45.4 -1.1
WLAR	Pn	Pn	17 43 03.2
R40A	Pn	Pn	17 41 46.8 +0.2
R40A	Pn	Pn	17 42 54.9
R40A	Pn	Pn	17 41 47.2 +0.6
N33A	Pn	Pn	17 41 47.3 +0.6
N33A	Pn	Pn	17 43 00.4
ABTX	Pn	Pn	17 41 46.8 -0.3
ABTX	Pn	Pn	17 43 01.4
WHTX	Pn	Pn	17 41 45.7 -2.9

237A	Washetta, Mont	4.56 166	Pn	Pn	17 41 51.0 +0.8
237A	Washetta, Mont	4.56 166	Pn	Pn	17 43 14.9
237A	Washetta, Mont	4.56 166	Pn	Pn	17 41 51.0 +0.8
N35A	Washetta, Mont	4.57 14	P	Pn	17 41 51.1 +0.8
Z41A	Richland Creek	4.77 130	P	Pn	17 41 53.7 +0.6
Z41A	Richland Creek	4.77 130	P	Pn	17 41 53.7 +0.6
LCAR	Lake Charles	4.85 93	Pn	Pn	17 41 54.9 +0.8
LCAR	Lake Charles	4.85 93	Pn	Pn	17 43 10.7
CCM	Cathedral Cave	4.97 69	Pn	Pn	17 41 56.4 +0.6
BGNE	Belgrade	5.03 351	I Amb_Lg	Pn	17 41 55.2 -1.4
BGNE	Belgrade	5.03 351	P	Pn	17 41 57.2 +0.6
KSCO	Kaye Shedlock	5.06 302	I Amb_Lg	Pn	17 41 58.3 +1.1
KSCO	Kaye Shedlock	5.06 302	I Amb_Lg	Pn	17 43 34.2
CCAR	Cane Creek	5.06 118	Pn	Pn	17 41 55.2 -1.9
CCAR	Cane Creek	5.06 118	I Amb_Lg	Pn	17 43 28.1
P40A	Paris	5.07 51	I Amb_Lg	Pn	17 41 55.2 -2.0
P40A	Paris	5.07 51	I Amb_Lg	Pn	17 43 29.8
NATX	Neogoches	5.10 156	Pn	Pn	17 41 58.8 +1.2
N38A	Joos South For	5.31 34	I Amb_Lg	Pn	17 42 01.6 +1.0
N38A	Joos South For	5.31 34	I Amb_Lg	Pn	17 43 29.8
HBAR	Harrisburg	5.33 98	Pn	Pn	17 41 59.1 -1.6
HBAR	Harrisburg	5.33 98	Pn	Pn	17 42 09.6 -1.8
PBMO	Poplar Bluff	5.40 84	I Amb_Lg	Pn	17 43 34.0
L34A	Svensden Farm,	5.55 6	Pn	Pn	17 42 01.4 -2.5
FVM	French Village	5.57 72	I Amb_Lg	Pn	17 42 04.0 -0.2
FVM	French Village	5.57 72	I Amb_Lg	Pn	17 43 38.2
LPAR	Lepanto	5.60 97	Pn	Pn	17 42 02.5 -2.0
LPAR	Lepanto	5.60 97	I Amb_Lg	Pn	17 43 43.8
GN5B	Jarell	5.65 184	I Amb_Lg	Pn	17 43 48.7
GN5B	Jarell	5.65 184	I Amb_Lg	Pn	17 43 48.7
AN3R	Gosnell	5.77 93	I Amb_Lg	Pn	17 43 48.7
AN3R	Gosnell	5.77 93	I Amb_Lg	Pn	17 43 48.7
T25A	Trinidad	5.88 279	Pn	Pn	17 42 08.3 -0.2
T25A	Trinidad	5.88 279	I Amb_Lg	Pn	17 43 52.7
SLM	Saint Louis	5.90 66	Pn	Pn	17 42 06.5 -2.2
OGNE	Ogallala	5.91 321	I Amb_Lg	Pn	17 42 09.0 +0.2
OGNE	Ogallala	5.91 321	I Amb_Lg	Pn	17 43 59.3
143A	Socs Landing,	6.02 127	I Amb_Lg	Pn	17 44 05.2
143A	Socs Landing,	6.02 127	I Amb_Lg	Pn	17 44 05.2
HENH	Henderson Moun	6.17 85	Pn	Pn	17 42 09.5 -2.9
LNKT	Lenox	6.18 91	Pn	Pn	17 42 13.6 -0.1
SCIA	State Center	6.25 28	Pn	Pn	17 42 14.4 +0.2
K31A	O'Neill	6.30 349	I Amb_Lg	Pn	17 44 05.3
JCT	Junction City	6.35 201	I Amb_Lg	Pn	17 42 14.6 -0.2
JCT	Junction City	6.35 201	I Amb_Lg	Pn	17 44 06.2
HICK	Hickman	6.37 87	Pn	Pn	17 42 14.7 -0.4
S44A	Carbondale	6.42 76	Pn	Pn	17 42 15.9 +0.1
S44A	Carbondale	6.42 76	I Amb_Lg	Pn	17 44 04.3
SIUC	Southern Illin	6.46 76	Pn	Pn	17 42 16.6 +0.3
N41A	Harden Midland	6.51 47	Pn	Pn	17 42 17.7 +0.7
W45A	Hickory Valley	6.58 99	I Amb_Lg	Pn	17 44 06.0
W45A	Hickory Valley	6.58 99	I Amb_Lg	Pn	17 44 06.0
UTMT	University of	6.67 88	I Amb_Lg	Pn	17 44 18.8
UTMT	University of	6.67 88	I Amb_Lg	Pn	17 44 18.8
Y45A	Yeager Farm, C	6.73 110	Pn	Pn	17 42 19.4 -0.5
Y45A	Yeager Farm, C	6.73 110	I Amb_Lg	Pn	17 44 27.4
P43A	Skaggs, Pawnee	6.80 60	Pn	Pn	17 42 20.4 -0.7
SDCO	Great Sand Dun	6.81 284	Pn	Pn	17 42 21.9 +0.5
Q44A	Meyer Farm, Va	6.89 67	Pn	Pn	17 42 21.5 -0.7
K38A	Parkersburg	7.06 27	Pn	Pn	17 42 21.8 -2.8
L40A	Anamosa	7.25 37	I Amb_Lg	Pn	17 42 25.5 -1.7
L40A	Anamosa	7.25 37	I Amb_Lg	Pn	17 44 30.6
ECSDD	EROS Data Cent	7.30 3	P	Pn	17 42 26.6 -1.2
ECSDD	EROS Data Cent	7.30 3	P	Pn	17 42 28.4 +0.6
HDIL	Hopedale	7.39 54	Pn	Pn	17 42 27.7 -1.4
ISCO	Idaho Springs	7.48 299	Pn	Pn	17 42 31.6 +1.0
WVT	Waverly	7.52 90	Pn	Pn	17 42 28.7 -2.2
146A	Union	7.67 117	I Amb_Lg	Pn	17 45 01.3
ANMO	Albuquerque	7.73 262	Pn	Pn	17 42 37.9 +3.9
ANMO	Albuquerque	7.73 262	Pg	Pg	17 43 04.8 -3.9
ANMO	Albuquerque	7.73 262	Pn	Pn	17 42 33.6 -0.3
O44A	Mansfield	7.76 59	Pn	Pn	17 42 33.0 -1.2
O44A	Mansfield	7.76 59	I Amb_Lg	Pn	17 44 51.9
L42A	Oliver, Polo	8.03 44	I Amb_Lg	Pn	17 45 05.7
T47A	Sharon Grove	8.07 83	Pn	Pn	17 42 37.7 -0.7
I37A	Lemond, Waseca	8.09 20	Pn	Pn	17 42 37.3 -1.4
I37A	Lemond, Waseca	8.09 20	I Amb_Lg	Pn	17 45 07.8
BND	Barren Site	8.09 256	Pn	Pn	17 42 39.0 0.0
SUSD	Miller	8.12 351	I Amb_Lg	Pn	17 42 37.7 -1.3
SUSD	Miller	8.12 351	I Amb_Lg	Pn	17 45 07.0
Z47A	Carrollton	8.12 111	I Amb_Lg	Pn	17 45 13.4
MNTX	Cornudas Mount	8.31 238	Pn	Pn	17 42 41.2 -0.6
JFWS	Jewell Farm	8.37 37	Pn	Pn	17 42 40.6 -1.8
JFWS	Jewell Farm	8.37 37	I Amb_Lg	Pn	17 45 11.3
P46A	Rosedale	8.45 65	I Amb_Lg	Pn	17 45 17.6
M44A	Midewin, Midew	8.64 52	I Amb_Lg	Pn	17 45 10.7
M44A	Midewin, Midew	8.64 52	I Amb_Lg	Pn	17 45 10.7
BLO	Bloomington	8.83 69	Pn	Pn	17 42 48.6 -0.3
I40A	Norwalk	8.96 32	I Amb_Lg	Pn	17 45 27.4
TXAR	Lajas Array	8.96 220	Pn	Pn	17 42 52.1 +1.3
TXAR	Lajas Array	8.96 220	Pg	Pg	17 43 22.4 -1.0
TXAR	Lajas Array	8.96 220	Pn	Pn	17 45 19.9
K43A	Burlington	9.23 45	I Amb_Lg	Pn	17 45 49.5
RSSD	Black Hills	9.31 328	I Amb_Lg	Pn	17 45 38.8
H2A	Draeger Farm,	9.37 38	I Amb_Lg	Pn	17 45 47.5
H2A	Draeger Farm,	9.37 38	I Amb_Lg	Pn	17 45 47.5
PDAR	Pinedale Array	11.47 307	Pn	Pn	17 43 33.5 +8.2
PDAR	Pinedale Array	11.47 307	I Amb_Lg	Pn	17 46 43.2
ILAR	Eielson Array	40.75 330	P	P	17 48 23.6 +1.5
ILAR	Eielson Array	40.75 330	P	P	17 48 23.6 +1.5

PB03	I/S	S	17 46 09.1 -1.0
PB03	I/S	S	17 46 09.7
PB05	eP	Pn	17 45 32.9 +1.1
PB05	eP	Pn	17 46 12.7 +0.7
PB04	eP	Pn	17 46 14.0 +1.2
PB04	eP	Pn	17 46 13.9 -0.6
PB04	I/S	S	17 46 16.5
PB07	eP	Pn	17 45 34.3 +1.0
PB07	eP	Pn	17 46 14.2 -1.1
PB07	I/S	S	17 46 15.2
PB01</			

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like NGRZ, CKHX, DUWZ, etc.

DDA 12 18:11:00.0,39.01N,29.50E,h10km,1km,ML1.6 Turkey

Table listing stations for DDA 12 18:11:00.0,39.01N,29.50E,h10km,1km,ML1.6 Turkey, including station names like Gediz, Uak-Merkez, etc.

ISK 12 18:11:34.9,38.38N,27.94E,h1km,ML2.2/5,Turkey

Table listing stations for ISK 12 18:11:34.9,38.38N,27.94E,h1km,ML2.2/5,Turkey, including station names like Zeytinkoy-Aydi, AKS, etc.

ITC 12 18:15:11.9,1.4,37.64N,16.36E,h0km,mb4.0/4, mb1.4/0.8, mb1mx3.0/3.1, mbtmp3.9/8, ML3.7/4, MS2.7/1, Ms1.2/7.1, ms1mx2.1/4.7, Error ellipse: s-maj=34.6km s-min=18.4km az=171.0

ROM 12 18:15:13.5,0.2,37.432N,0.008,16.30E,0.01, h25km,1km,ML3.5/6/3, Error ellipse: s-maj=1.2km s-min=0.5km az=302.0

THE 12 18:15:19.1,37.64N,16.65E,h31km,47km,ML3.4/5, Error ellipse: s-maj=47.5km s-min=1.7km az=0.0

ISC 12 18:15:14.1,1.0,37.50N,0.003,16.28E,0.03,h33km,9km, n171,01998/210,mb4.0/4,10C-24D,Ionian Sea

Table listing stations for ITC, ROM, THE, and ISC, including station names like SOI, GMB, CEL, etc.

Main table listing stations with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like HAGA, AIO, AIO, etc.

Table listing stations with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like IFIL, RESU, CSLB, etc.

655

Table with columns: SRN, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Sarande, IGT Igoumentasi, MSAG Monte S. Angel, etc.

12 18:17:50.8+0.7, 10.88N, 73.09W, h96km, 6km, mb3.4/6, mb1.3/7.10, mb1mx3.4/38, mbtmp4.0/10, MS2.9/1, Ms1.2/9.1, ms1mx2.5/21, Error ellipse: s-maj=18.2km s-min=14.7km az=86.0, RSNC 12 18:17:53.0+0.9, 10.65N, 73.24W, h88km, 4km, ML3.9, Mw4.0, Fault plane solution: N1P1, az=43.00000, s82.00000, lambda11.00000, ISC 12 18:17:50.8+0.6, 10.76N, 73.26W, h93km, 6km, ms7, az=57/101, mb3.5/6, 7C-6D, Northern Colombia

2015 DEC

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CVALL Valledupar, Ce, CRUC Cerrejon, Guaj, SMRC Santa Marta, etc.

12d 18h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WCS Beigang Elemen, WGS Toucheng, SGST Hengchun, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NWLT Wulai, WLCH Liqiu, NTC Toucheng, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 12 18:39:10.2,1.5,4,15S, MSAI Masohi, AAI Ambon, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ, AZZ, Phase ID, Time, Res, Code, Station Name, Δ, AZZ, Phase ID, Time, Res. Includes stations like TWB1, EGS, YJNG, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ, AZZ, Phase ID, Time, Res. Includes stations like JTK, FULB, ALS, CHNS, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ, AZZ, Phase ID, Time, Res. Includes stations like DANN, KOLN, AB31, etc.

12d 21h

Table with columns: MAT, Matsushiro, 3.84 233, P, Pn, 21 06 49.7 +1.5, etc. Lists various stations and their frequencies.

2015 DEC

Table with columns: ZALV, ZALV, comp=Z,0.6nm,0.4s,baz=122,slow=1.4,SNR=2.0, etc. Lists stations and their frequencies.

660

Table with columns: ILAR, Eielson Array, 80.02 26, P, P, 21 25 59.6 +14, etc. Lists stations and their frequencies.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WU-fen Shan, WFSB, WHF, WHF, NWLT, EHY, EHY, FUSS, YHNB, YHNB, NSK, YULB, YULB, CHGB, CHGB, VVWD, VVWD, CHKT, CHKT, FULB, FULB, YM01, YM01, EDH, EDH, SSLB, SSLB, WHP, WHP, WCS, WCS, SMLT, SMLT, LDUT, LDUT, LDUT, LDUT, LIOB, LIOB, NSTT, NSTT, ELOTW, ELOTW, LONT, LONT, ALS, ALS, WJS, WJS, WJS, WJS, WNT, WNT, CHN5, CHN5, STYH, STYH, TPUB, TPUB, CHN4, CHN4, CHN4, CHN4, WTP, WTP, ECL, ECL, ECL, ECL, SGLT, SGLT, CHN1, CHN1, CHN1, CHN1, TWK, TWK, MASBT, MASBT, MASBT, MASBT, SLIU, SLIU.

KRNET 12 23:02:55.7±0.1, 41.63N, 73.16E, h21km, mb3.9
NNC 12 23:02:55.8±0.9, 41.67N, 73.13E, h6km±5km, mb4.4,
mpv4.1, Error ellipse: s-maj=7.9km s-min=3.5km az=173.0
SOME 12 23:02:55.9, 41.68N, 73.18E, h10km
KNET 12 23:02:57.5±0.5, 41.69N, 73.26E, h16km±2km, ml3.3, Error
ellipse: s-maj=5.7km s-min=2.8km az=109.0
ISC 12 23:02:56.4±1.3, 41.61N, 0.02, 73.12E, 0.02, h3km±10km,
n86, c1568/138, 49C-26Z, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AML, AML, AML, AML, MNAS, MNAS, OHH, OHH, MRKS, MRKS, MRKS, MRKS, EKS2, EKS2, EKS2, EKS2.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UCH, UCH, UCH, UCH, AAK, AAK, AAK, AAK, TRKS, TRKS, SFK, SFK, FRU1, FRU1, KBK, KBK, CHMS, CHMS, CHMS, CHMS, DZA, DZA, DZA, DZA, USP, USP, USP, USP, TKM2, TKM2, TKM2, TKM2, BOOM, BOOM, BTK, BTK, DRK, DRK, IUG, IUG, ULHL, ULHL, ULHL, ULHL, KK02, KK02, KST, KST, KST, KST, DGS, DGS, DGS, DGS, CHM, CHM, KRBS, KRBS, KRBS, KRBS, BRLS, BRLS, BRLS, BRLS, TAS, TAS, MTBS, MTBS, MTBS, MTBS, KSH, KSH, KSH, KSH, KDJ, KDJ, TDNS, TDNS, TDNS, TDNS.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TNSS, KNDC, KNDC, KUU, KUU, KUU, KUU, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK, BTLS, BTLS, BTLS, BTLS, ANVS, ANVS, PRZ, PRZ, KURS, KURS, KURS, KURS, SATY, SATY, SATY, SATY, ARXS, ARXS, ARXS, ARXS, UZB, UZB, UZB, UZB, BLB, BLB, SHLS, SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, PDGK, TDK, TDK, TDK, TDK, KTMS, KTMS, KAPS, KAPS, OTUK, OTUK, OTUK, OTUK, MAKZ, MAKZ, MAKZ, MAKZ, KURBB, KURBB, AB31, AB31.

12 23:30:31.7±0.6, 0.58N, 25.01W, h0km, mb4.4/2.0,
mb1 4.6/2.0, mb1mx4.3/43, mbtmp4.5/20, MS4.1/8,
Ms1 4.1/8, ms1mx3.7/29, Error ellipse: s-maj=19.6km
s-min=14.8km az=117.0
NEIC 12 23:30:34.4±1.4, 0.7N, 0.1±25.06W, 0.1, h10km, 1km,
mb4.9/30, Error ellipse: s-maj=19.8km s-min=16.6km
bz=349.0
GCMT 12 23:30:38.4±0.5, 1.16N, 0.05±25.07W, 0.03, h20km, 1km,
MW5.0/63, Moment Tensor Solution. s21,c24; s63,c83;
Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-4.00±.38;
Mss 1.16±.20; Mss 2.84±.23; Mss 2.53±.45; Mss 0.24±.13;
Mss 1.31±.33; Best double couple: M=4.30100x10^16
NP1: 0.5, 0.00000°, 831.00000°, -120.00000°. NP2:
0.218, 0.00000°, 864.00000°, -74.00000°. Principal axes:
T 3.4100, P1g71.0000, Azm296.0000, N 1.7820,
P1g15.0000, Azm31.0000, P -5.1920, P1g67.0000,
Azm159.0000; nsta1 refers to surface waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular

moment-rate function
ISC 12 23:30:33.0, 0.3, 0.63N, 0.08:24'39W, 0.06, h10km, m176,
c089/177, m0.4, 8/65, MS4.0/8, 5C-7D, Central

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

Table with columns: OSA3, New Philadelph, 64.38 315, P, P, 23 41 09.6 -0.3. Lists seismic events with station names, magnitudes, and times.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations and their associated data points, including specific event details like 'ISC 12 23:32:24.8-0.7, 52.7S, 0.1:18'2E, 0.2, h10km, n28, c050/22, mb4.27, MS3.0/3, Southwest of Africa'.

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

IDC 13 01:17:03.4,5,0.2,57S, 139.36E, h0km, mb3 1/2, mb1 3/3, mb1mx3.2/29, mb1mx3.1/3, ML3.1/1, Error ellipse: s-maj=198.0km s-min=32.0km az=88.0, Near north coast of Irian Jaya

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

SJA 13 01:17:36.7,0.8,31.68S,72.45W, h20km, gkm, ML4.0, MW4.1

IDC 13 01:17:39.5,1.6,31.67S,71.75W, h0km, mb4.2/4, mb1 4.0/8, mb1mx3.9/24, mb1mx3.9/8, ML6.3/4, MS3.1/2, Ms1 3.1/2, ms1mx2.9/19, Error ellipse: s-maj=58.0km s-min=22.1km az=103.0

NEIC 13 01:17:39.9,1.7,31.69S,0.04,72.1W,0.1, h10km,7km, mb4.1/4, ML4.0(GUC), Error ellipse: s-maj=17.2km s-min=5.8km az=91.0

GUC 13 01:17:41.0,0.6,31.70S,72.12W, h48km, 4km, ML4.0 ISC 13 01:17:37.9,1.4,31.74S,0.02,72.11W,0.05, h3km,9km, n80, r162/110, mb4.3,8C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for VA06 Catapilco, CO06 Fray Jorge, VA01 Torpederas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CO03 El Pedregal, ROCH El Roble, VA03 San Esteban.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for VA03 San Esteban, MT02 Curacav, PEL Peidehue.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for VA03 San Esteban, MT02 Curacav, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, SONM Sorong Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MKAR Makanchi Array, IDC 13 01:19:46.9,1.4,41.4S,129.36E, h0km, mb3.2/1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 13 01:19:51.4,1.0,41.9S,129.7E,0.2, h36km, n6, r072/7, Banda Sea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SIJI Sorong, SIJI Limon Verde, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, SONM Sorong Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MKAR Makanchi Array, IDC 13 01:47:05.0,0.8,3.49N,127.52E, h0km, mb5.1/43.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 13 01:47:05.0,0.8,3.49N,127.52E, h0km, mb5.1/43, MOS 13 01:47:05.0,0.8,3.50N,127.49E, h27km, mb5.6/56.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NEIC 13 01:47:05.4,2.5,3.48N,0.04,127.42E,0.07, h10km,1km, BUJ 13 01:47:07.1,0.0,3.27N,127.39E, h58km, mb5.4/57.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GCMT 13 01:47:08.4,0.2,3.56N,0.01,127.53E,0.01, h20km,1km, AROD Rodeo, AROD Rodeo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BO01 Tunca, ACCO Cerro Coronel, ASAL Salagasta.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ARCO Cerro Arco, ZON Zonda, LCO Las Campanas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AAGR Sierra Bellavi, BO02 Sierra Bellavi, GO05 Huala.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GO05 Huala, AC04 Llanos de Chal, AC04 Llanos de Chal.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for RFA Valle Fertil, AVFE Valle Fertil, RFA San Rafael.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GO03 Copiapu, VCA Winchina, AC02 Maricunga.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for HO3N1 Juan Fernandez, HO3N2 Juan Fernandez, HO3S3 Juan Fernandez.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for HO3S1 Juan Fernandez, HO3S2 Juan Fernandez, LC01 Curco.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for PLCA Pano Flores, PLCA Pano Flores, LVC Limon Verde.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LVC Limon Verde, CPUP Villa Florida, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LPAZ La Paz, SIV San Ignacio, ETMB Extrema.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ETMB Extrema, BDFB Brasilia, SNAA Sanae.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SNAA Sanae, DBIC Dimbokro, WORD Torodi Ar. Bea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WORD Torodi Ar. Bea, ZALV Zalesovo Beam, IDC 13 01:19:46.9,1.4,41.4S,129.36E, h0km, mb3.2/1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 13 01:19:51.4,1.0,41.9S,129.7E,0.2, h36km, n6, r072/7, Banda Sea, SIJI Sorong.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SIJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, SONM Sorong Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SONM Sorong Array, MKAR Makanchi Array, IDC 13 01:47:05.0,0.8,3.49N,127.52E, h0km, mb5.1/43.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 13 01:47:05.0,0.8,3.49N,127.52E, h0km, mb5.1/43, MOS 13 01:47:05.0,0.8,3.50N,127.49E, h27km, mb5.6/56.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MOS 13 01:47:05.0,0.8,3.50N,127.49E, h27km, mb5.6/56, BUJ 13 01:47:07.1,0.0,3.27N,127.39E, h58km, mb5.4/57.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BUJ 13 01:47:07.1,0.0,3.27N,127.39E, h58km, mb5.4/57, GCMT 13 01:47:08.4,0.2,3.56N,0.01,127.53E,0.01, h20km,1km.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GCMT 13 01:47:08.4,0.2,3.56N,0.01,127.53E,0.01, h20km,1km, AROD Rodeo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for h47km:pp-P, n596, r174/617, mb5.4/167, MS4.8/39, 42C-32D, Talud Islands.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SGSI Sangihe, TNTI Ternate, TNTI Ternate.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DAV Davao City (W), DAV Davao City (W), LBMI Labuha.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for KCP Kidapawan, KMSI Cibinong, BUKP Bukit.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BUKP Bukit, GTOI Gorontalo, SANI Sanana.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SANI Sanana, SWI Sorong, SIJI Sorong.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SIJI Sorong, ZCP Zamboanga City, MSAI Masohi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MSAI Masohi, TOL2 Tolitoli, TOL2 Tolitoli.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TOL2 Tolitoli, AAI Ambon, APSI Ampana.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for APSI Ampana, LLP Lupa-Lupa, CNOP Candoni, Negro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CNOP Candoni, Negro, FAKI Fak Fak, FAKI Fak Fak.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for FAKI Fak Fak, MPMI Mapaka, MPMI Mapaka.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MPMI Mapaka, MYLD Lahad Datu, MYLD Lahad Datu.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MYLD Lahad Datu, JPM San Jose, Anti, RCP Roxas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for RCP Roxas, BAKI Baki, TTSI Tana Toraja.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TTSI Tana Toraja, SRPI Serui, Papua, SRPI Serui, Papua.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SRPI Serui, Papua, SPSI Sidrap Palu, SPSI Sidrap Palu.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SPSI Sidrap Palu, BNSI Bone, BNSI Bone.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BNSI Bone, SMKI Samarinda, SMKI Samarinda.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SMKI Samarinda, BKSI Bulukumba, BKSI Bulukumba.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like TPI Tanjungpandan, MANU Manu Island, TPUB Ta-pu, etc.

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

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like CD2 comp=Z,2um,23.0s, PBA Port Blair, LCRK Leigh Creek, etc.

13d 1h

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASF, BNN, KIBK, GHJA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CPUP, PAMC, PTLCL, etc.

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

13d 1h

2015 DEC

674

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TYV, JSS, JAB, JRB, ERM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MA2, MA2, MA2, MA2, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSCWO, KSWJU, KSRK, etc.

HANB	Haenam	23.04 248	P	P	01 57 19.0 +1.7
DL2	Dalian	23.90 262	↑P	P	01 57 25.8 +0.5
DL2			sP	sP	01 57 46.4 +1.9
DL2			S	S	02 01 37.1 -0.5
DL2			sS	sS	02 01 55.5 -4.1
DL2	comp=Z,200nm,1.0s		pmx	pmx	
DL2	comp=Z,1µm,3.9s		LR	LR	
DL2	comp=Z,1µm,17.4s		LR	LR	
DL2	comp=Z,1µm,18.9s		LR	LR	
DL2	comp=Z,1µm,17.3s		LR	LR	
SP1A	Saint Paul Isl	24.93 51	P	P	01 57 35.0 +0.5
GAMB	Gambell	26.13 36	P	P	01 57 47.0 +1.7
GAMB	Gambell	26.13 36	P	P	01 57 46.3 +1.0
UNV	Unalaska Valle	26.83 59	P	P	01 57 52.5 +0.8
BJI	Beijing	27.13 269	P	P	01 57 56.8 +2.3
BJI			pP	pwP	01 58 11.3 +0.6
BJI			sP	sP	01 58 15.9 +1.9
BJI			PcP	PcP	02 01 13.8 -0.1
BJI			S	S	02 02 33.6 +4.8
BJI	comp=Z,200nm,0.8s		LR	LR	
BJI	comp=Z,2µm,14.1s		LR	LR	
BJI	comp=Z,3µm,17.9s		LR	LR	
BJT	Baijiatou	27.14 269	P	P	01 57 55.5 +0.8
BJT			pmx	pmx	
BJT	comp=Z,116nm,0.7s		MLR	MLR	
BJT	Baijiatou	27.14 269	P	P	01 57 55.5 +0.8
TIXI	Tiksi	27.50 344	P	P	01 57 56.5 -1.0
TIXI	comp=Z,6.9nm,0.5s,baz=131,slow=6.3,SNR=20		LR	LR	02 09 30.7
TIXI	comp=Z,2µm,19.2s,baz=131,slow=6.3,SNR=20		LR	LR	
TIXI	Tiksi	27.50 344	cP	P	01 57 54.7 -2.8
TIXI			pmx	pmx	
TIXI	comp=Z,50nm,1.0s		MLR	MLR	
TIXI	comp=Z,2µm,18.0s		MLR	MLR	
JOW	Kunigami	27.57 233	P	P	01 57 58.1 -0.5
JOW	comp=Z,29nm,0.9s,baz=63,slow=5.9,SNR=6.0		P	P	01 57 59.2 +0.6
JOW	Kunigami	27.57 233	P	P	01 57 59.8
JOW			IAMB	IAMB	
JOW	comp=Z,75nm,1.1s		IAMB	IAMB	
JOW	Kunigami	27.57 233	P	P	01 58 00.1 +1.5
TNA	Tin City	28.33 34	P	P	01 58 05.3 +0.3
TNA	Tin City	28.33 34	P	P	01 58 05.9 +0.8
TIA	Taian	28.35 261	↑P	P	01 58 06.0 +0.5
TIA			pmx	pmx	
TIA	comp=Z,68nm,1.0s		pmx	pmx	
ANM	Nome	29.00 37	P	P	01 58 11.3 +0.3
H112	WAKE ISLAND Hy	29.27 152	T	T	02 29 39.7
H111	WAKE ISLAND Hy	29.28 152	T	T	02 29 44.1
H113	WAKE ISLAND Hy	29.28 152	T	T	02 29 40.2
NJ2	Nanjing	29.62 253	↑P	P	01 58 16.3 -0.5
NJ2			pP	pP	01 58 29.9 -0.2
NJ2			sP	sP	01 59 14.2 +0.4
NJ2			PP	PnPn	02 03 07.9 -0.3
NJ2			S	S	
NJ2	comp=Z,45nm,0.9s		pmx	pmx	
NJ2	comp=Z,1µm,14.1s		LR	LR	
NJ2	comp=Z,2µm,13.5s		LR	LR	
NJ2	comp=Z,2µm,16.3s		LR	LR	
HHC	Hu-ho-hao-te	29.95 274	eP	P	01 58 20.2 +0.4
HHC			S	S	02 03 10.8 -2.7
HHC			sS	sS	02 03 37.2 +1.3
HHC			SS	SSn	02 04 46.9 -2.3
HHC	comp=Z,220nm,1.0s		pmx	pmx	
HHC	comp=Z,390nm,7.4s		LR	LR	
HHC	comp=Z,2µm,16.2s		LR	LR	
HHC	comp=Z,2µm,17.9s		LR	LR	
HHC	comp=Z,3µm,16.2s		LR	LR	
SDPT	Sand Point	30.28 56	P	P	01 58 22.3 -0.1
H11S1	WAKE ISLAND Hy	30.35 153	T	T	02 30 19.7
H11S3	WAKE ISLAND Hy	30.36 153	T	T	02 30 19.2
H11S2	WAKE ISLAND Hy	30.37 153	T	T	02 30 19.9
ULN	Ulanbaatar	30.61 289	cP	P	01 58 24.7 -0.9
ULN			pmx	pmx	
ULN	comp=Z,141nm,0.8s		MLR	MLR	
ULN	comp=Z,3µm,18.0s		MLR	MLR	
ULN	Ulanbaatar	30.61 289	P	P	01 58 27.0 +1.4
ULN	Ulanbaatar	30.61 289	eP	P	01 58 24.7 -0.9
ULN	Ulanbaatar	30.61 289	P	P	01 58 25.5 -0.2
ULN	Ulanbaatar	30.61 289	eP	P	01 58 29.0 +1.8
ULN	Ulanbaatar	30.61 289	eP	P	02 03 24.9 -1.8
ULN			pmx	pmx	
ULN	comp=Z,89nm,0.6s		LR	LR	
ULN	comp=Z,820nm,13.0s		LR	LR	
ULN	comp=Z,710nm,13.7s		LR	LR	
ULN	comp=Z,2µm,19.3s		LR	LR	
SOMM	Songino Array	31.05 289	P	P	01 58 28.6 -0.8
SOMM	comp=Z,22nm,0.8s,baz=79,slow=7.7,SNR=12		PcP	PcP	02 01 24.4 +0.6
SOMM	comp=Z,8.2nm,0.8s,baz=88,slow=3.1,SNR=4.2		ScP	ScP	02 05 03.5 +1.7
SOMM	comp=Z,2.6nm,0.7s,baz=97,slow=2.2,SNR=5.5		LR	LR	02 12 02.4
SOMM	comp=Z,3µm,18.9s,baz=124,slow=38		LR	LR	
SOMM	Songino Array	31.05 289	P	P	01 58 28.5 -1.0
SOMM			IAMB	IAMB	01 58 37.8
TLY	Talaya	31.93 297	eP	P	01 58 36.7 -0.3
TLY			eS	S	01 59 59.9
TLY			S	S	02 03 49.7 +5.7
TLY			pmx	pmx	
TLY	comp=Z,77nm,0.8s		MLR	MLR	
TLY	comp=Z,9µm,15.0s		MLR	MLR	
TLY	Talaya	31.93 297	P	P	01 58 36.6 -0.4
TLY	Talaya	31.93 297	P	P	01 58 37.2 +0.2
TLY	Talaya	31.93 297	P	P	01 58 44.4 -0.6
TLY			IAMB	IAMB	01 58 39.2
ZAK	Zakamensk	32.42 295	eP	P	01 58 39.8 -1.6
TTA	Tatalina	32.75 41	P	P	01 58 44.3 +0.2
TTA			pmx	pmx	
TTA	comp=Z,15nm,0.9s		P	P	01 58 44.3 +0.2
TTA	Tatalina	32.75 41	P	P	01 58 44.6 +0.5
P18K	Big Mountain	32.98 48	P	P	01 58 46.0 -0.2
YHNB	Yeheng	33.18 240	P	P	01 58 49.0 +0.7
YHNB			IAMB	IAMB	01 58 58.7
L19K	White Mountain	33.23 43	P	P	01 58 48.6 +0.3
N19K	Bonanza Creek	33.36 45	P	P	01 58 50.1 +0.6
M19K	Big River Lodg	33.43 43	P	P	01 58 50.6 +0.6
O19K	Port Alsworth	33.44 46	P	P	01 58 50.1 +0.1

WHN	Wuhan	33.56 255	↑P	P	01 58 51.9 +0.5
WHN			pmx	pmx	
L20K	Farewell, AK	33.70 42	P	P	01 58 52.8 +0.4
J20K	Nowinta River	33.70 39	IAMB	IAMB	01 59 02.2
J20K	Nowinta River	33.70 39	P	P	01 58 52.4 +0.1
P19K	Oil Pt	34.00 47	P	P	01 58 55.2 +0.2
IMAR	Indian Mountai	34.08 36	P	P	01 58 55.6 0.0
SSLB	Suansung	34.10 239	IAMB	IAMB	01 59 01.1
YULB	Yu-li	34.20 238	IAMB	IAMB	01 59 06.5
A21K	Barrow	34.28 26	P	P	01 58 57.6 +0.5
A21K	Barrow	34.28 26	P	P	01 58 57.4 +0.2
O20K	Slope Mountain	34.29 47	P	P	01 58 57.7 +0.1
H21K	Melozitna River	34.42 37	IAMB	IAMB	01 59 04.4
H21K	Melozitna River	34.42 37	P	P	01 58 58.9 +0.3
KDAK	Kodiak Island	34.45 51	P	P	01 58 58.2 -0.7
KDAK			pmx	pmx	
KDAK	Kodiak Island	34.45 51	P	P	01 58 58.2 -0.7
KDAK			IAMB	IAMB	01 59 03.6
KDAK	Kodiak Island	34.45 51	P	P	01 58 58.3 -0.5
CHUM	Lake Minchumin	34.48 40	P	P	01 58 59.6 +0.6
PPLA	Purkeypile	34.49 42	IAMB	IAMB	01 59 02.1
PPLA	Purkeypile	34.49 42	P	P	01 59 00.1 +0.7
CAST	Castle Rocks	34.56 41	P	P	01 59 01.0 +1.2
TPUB	Ta-pu	34.66 239	P	P	01 59 01.6 +0.6
TPUB	Ta-pu	34.66 239	P	P	01 59 02.3 +1.2
I21K	Tanana	34.72 38	IAMB	IAMB	01 59 07.8
I21K	Tanana	34.72 38	P	P	01 59 01.4 +0.3
TWG	Pinlang	34.77 238	P	P	01 59 01.9 0.0
BPAW	Bear Paw Mtn.	35.08 40	IAMB	IAMB	01 59 14.3
BPAW	Bear Paw Mtn.	35.08 40	P	P	01 59 04.8 +0.6
KTH	Kantishna Hill	35.09 40	IAMB	IAMB	01 59 14.8
XAN	XAN	35.16 265	P	P	01 59 05.9 +0.6
XAN	XAN		pP	pwP	01 59 20.6 -0.9
XAN	XAN		PP	PP	02 00 25.9 +0.2
XAN	XAN		S	S	02 04 31.8 -2.5
XAN			pmx	pmx	
XAN	comp=Z,200nm,0.7s		pmx	pmx	
XAN	comp=Z,550nm,3.7s		LR	LR	
XAN	comp=Z,1µm,15.7s		LR	LR	
XAN	comp=Z,1µm,13.7s		LR	LR	
MLY	Many	35.23 38	P	P	01 59 06.3 +0.8
BRSE	Bradley Lake S	35.25 47	P	P	01 59 05.1 -0.6
TRF	Thorofare Moun	35.37 41	IAMB	IAMB	01 59 17.4
TRF	Thorofare Moun	35.37 41	P	P	01 59 07.3 +0.4
CUT	Chulitna	35.38 42	P	P	01 59 06.4 -0.3
COLD	Coldfoot	35.64 34	IAMB	IAMB	01 59 14.5
COLD	Coldfoot	35.64 34	P	P	01 59 09.6 +0.6
RC01	Rabbit Creek A	35.67 45	P	P	01 59 09.0 -0.3
O22K	Cooper Landing	35.71 46	P	P	01 59 09.3 -0.4
I23K	Minto, Yukon-K	35.82 38	IAMB	IAMB	01 59 12.8
I23K	Minto, Yukon-K	35.82 38	P	P	01 59 11.2 +0.7
NEA2	Nenana	35.93 39	P	P	01 59 11.8 +0.3
NEA2			IAMB	IAMB	01 59 16.8
NEA2	Nenana	35.93 39	P	P	01 59 11.9 +0.3
PMR	Palmer	35.94 44	P	P	01 59 11.2 -0.4
MCK	McKinley	35.98 40	IAMB	IAMB	01 59 29.0
MCK	McKinley	35.98 40	P	P	01 59 12.0 +0.1
R7D	Reindeer	36.01 41	IAMB	IAMB	01 59 13.4
TOLK	Toolik Lake Re	36.04 32	P	P	01 59 12.8 +0.4
TOLK	Toolik Lake Re	36.04 32	IAMB	IAMB	01 59 25.1
TOLK	Toolik Lake Re	36.04 32	P	P	01 59 13.0 +0.6
WAT1	Susitna Watana	36.16 42	P	P	01 59 13.1 -0.5
KNK	Knik Glacier	36.27 44	IAMB	IAMB	01 59 15.7
KNK	Knik Glacier	36.27 44	P	P	01 59 14.3 -0.1
SML	Murphy Dome	36.30 38	IAMB	IAMB	01 59 24.6
SML	Sawmill	36.30 43	P	P	01 59 15.0 +0.2
WRH	Wood River Hill	36.35 39	IAMB	IAMB	01 59 29.7
PWL	Port Wells	36.37 45	IAMB	IAMB	01 59 19.8
PWL	Port Wells	36.37 45	P	P	01 59 15.0 -0.3
TCOL	CIGO, UAF Yank	36.45 38	IAMB	IAMB	01 59 22.6
TCOL	CIGO, UAF Yank	36.45 38	P	P	01 59 16.7 +0.7
COLA	College	36.45 38	iP	P	01 59 14.9 -1.0
COLA			pmx	pmx	
COLA	College	36.45 38	P	P	01 59 15.9 0.0
COLA			IAMB	IAMB	01 59 22.6
COLA	College	36.45 38	P	P	01 59 16.5 +0.6
H24K	Noodor Dome	36.47 37	IAMB	IAMB	01 59 22.5
H24K	Noodor Dome	36.47 37	P	P	01 59 17.2 +1.1
CCB	Clear Creek Bu	36.47 39	IAMB	IAMB	01 59 24.6
WATB	Susitna Watana	36.54 42	P	P	01 59 16.6 -0.3
POKR	Poker Plat Res	36.63 38	IAMB	IAMB	01 59 27.9
POKR	Poker Plat Res	36.63 38	P	P	01 59 18.4 +0.9
DHY	Denali Highway	36.69 41	IAMB	IAMB	01 59 19.4
DHY	Denali Highway	36.69 41	P	P	01 59 18.0 -0.2
SCM	Sheep Creek M	36.78 43	IAMB	IAMB	01 59 35.3
SCM	Sheep Creek M	36.78 43	P	P	01 59 19.0 +0.1
HDA	Harding Lake	36.84 39	IAMB	IAMB	01 59 28.5
HDA	Harding Lake	36.84 39	P	P	01 59 18.9 -0.4
IL31	Eielson Array	36.87 38	P	P	01 59 19.8 +0.3
IL31			IAMB	IAMB	01 59 25.6
ILAR	Eielson Array	36.87 38	P	P	01 59 19.2 -0.2
ILAR	comp=Z,31nm,1.1s		LR	LR	02 16 59.2
ILAR	comp=Z,6.7nm,0.9s,baz=259,slow=7.1,SNR=42		LR	LR	
ILAR	comp=Z,518nm,18.7s,baz=293,slow=40		LR	LR	

GLI	Glacier Island	36.97 45	P	P	01 59 20.0 -0.4
M24K	Tolsona, Glenn	37.30 43	IAMB	IAMB	01 59 43.5
M24K	Tolsona, Glenn	37.30 43	P	P	01 59 22.6 -0.7
PRP	Porcupine Dome	37.44 37	IAMB	IAMB	01 59 37.4

Table with columns for call sign, frequency, power, and other technical details. Includes entries like QLP Quilpie, GPK Gorka Klasztor, RETH Rethen/Aller, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like OKC Ostrava-Krasne, SLCR Slobozia Conac, NRDL Niedersch Rie, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like FAO Al Faqa, MFR Murfatlar, PGR Poganele, etc.

AAM	Ann Arbor	78.36	39	I	Amb	02 04 12.1
AAM	Ann Arbor	78.36	39	P	P	02 04 11.1 0.0
MULG	Mulgata	78.36	196	P	P	02 04 12.1 +1.1
COPA	Copacanea	78.38	324	J	P	02 04 10.9 -0.3
UMR	Umm Al-Rimmam	78.39	301	eP	P	02 04 11.7 +0.2
GRF	Grafenberg Arr	78.39	336	eP	P	02 04 11.7 +0.5
GRFO	Grafenberg	78.39	336	P	P	02 04 11.7 +0.5
GRFO	Grafenberg	78.39	336	P	P	02 04 11.7 +0.5
WET	Wetzell	78.40	334	eP	P	02 04 11.8 +0.5
K5OA	Casco	78.42	38	I	Amb	02 04 12.2
GE2C	GERESS Array S	78.42	334	eP	P	02 04 11.5 0.0
GE2C	GERESS Array S	78.42	334	I	Amb	02 04 12.4
GERES	GERESS Array B	78.42	334	P	P	02 04 11.3 -0.2
GERE	GERESS Array B	78.42	334	LR	LR	02 04 44.5
GERES	GERESS Array B	78.42	334	P	P	02 04 11.2 -0.3
MIB	Mutribah	78.43	301	eP	P	02 04 12.0 +0.3
ANTO	Ankara	78.43	317	P	P	02 04 12.9 +0.7
ANTO	Ankara	78.43	317	P	P	02 04 12.9 +0.7
SOP	Sopron	78.53	311	eP	P	02 04 11.9 -0.1
CWF	Charnwood Fore	78.53	344	eP	P	02 04 10.6 -1.2
BZS	Buzias	78.53	327	I	P	02 04 11.8 -0.2
BZS	Buzias	78.53	327	I	P	02 04 11.8 -0.2
CONA	Conrad Observa	78.53	332	eP	P	02 04 12.7 +0.6
N47A	Urbana	78.60	41	I	Amb	02 04 12.7
Q44A	Meyer Farm, Va	78.61	44	I	Amb	02 04 13.4
MPLH	Masyarpolny	78.65	331	eP	P	02 04 12.8 +0.2
U40A	Yellville	78.67	48	I	Amb	02 04 13.5
U40A	Yellville	78.67	48	P	P	02 04 12.3 -0.6
TNS	Tanus Mts	78.67	337	eP	P	02 04 13.0 +0.2
UMZA	Um Al Zommoil	78.72	291	P	P	02 04 14.0 +0.7
ZIMR	Zimri	78.72	324	I	P	02 04 13.4 +0.4
SRE	Strehaia	78.74	326	eP	P	02 04 13.1 0.0
SRE	Strehaia	78.74	326	eP	P	02 04 13.1 0.0
AHRW	Bad Neuenahr-A	78.74	338	eP	P	02 04 13.4 +0.4
STKA	Stephens Creek	78.76	190	P	P	02 04 13.8 +0.6
STKA	Stephens Creek	78.76	190	LR	LR	02 04 13.8 +0.6
TIH	Tihany	78.77	330	P	P	02 04 13.8 +0.5
MZWR	Madrinet Zayed	78.79	293	P	P	02 04 14.0 +0.3
MDUB	Mudurnu	78.79	318	P	P	02 04 14.0 +0.3
VLAD	Vladia	78.82	325	J	P	02 04 13.2 -0.4
BEBN	Eben Emael	78.85	339	eP	P	02 04 13.5 -0.2
HERR	Herculanum	78.86	326	I	P	02 04 13.3 -0.5
RST	Umm Al-Ruwaisa	78.86	301	eP	P	02 04 14.1 0.0
QRN	Al-Qurain	78.86	300	eP	P	02 04 14.2 +0.1
P46A	Rosedale	78.91	43	I	Amb	02 04 14.9
BANR	Banric	78.91	327	eP	P	02 04 14.3 +0.3
BTNL	Ternell	78.94	339	eP	P	02 04 14.5 +0.4
KHOR	Al-Khor Airpor	78.94	295	P	P	02 04 15.1 +0.6
MEM	Membach	78.94	309	eP	P	02 04 14.1 0.0
W39A	Magazin	79.07	50	P	P	02 04 14.7 -0.4
MORH	Mirgy, Hungar	79.10	329	I	P	02 04 14.3 -0.8
SHMA	Al-Shehemia	79.11	296	eP	P	02 04 16.0 +0.5
MOIA	Moln	79.12	333	eP	P	02 04 15.4 +0.2
UCC	Uccle	79.16	340	eP	P	02 04 15.4 +0.1
PUNC	Pungthina	79.17	326	I	P	02 04 15.1 -0.4
BHOJ	Houvezeg	79.18	339	eP	P	02 04 15.7 +0.2
OLIL	Olney	79.18	44	I	Amb	02 04 16.8
MDVR	Moldavia	79.21	327	I	P	02 04 15.6 -0.2
NAIL	Baleisti	79.22	325	I	P	02 04 16.6 +0.8
B94A	Columbus Grove	79.24	40	I	Amb	02 04 16.7
ARSA	Arzberg	79.25	332	I	P	02 04 16.0 +0.1
GHWR	Ruweis	79.28	293	P	P	02 04 16.5 +0.1
SAKB	Bahrain	79.29	296	P	P	02 04 16.7 +0.3
BCLA	Clavier	79.29	339	eP	P	02 04 16.4 +0.4
JCT	Junction City	79.29	57	I	Amb	02 04 32.8
JCT	Junction City	79.29	57	P	P	02 04 16.5 0.0
M50A	Fremont	79.35	39	I	Amb	02 04 17.1
BGES	Gesves	79.38	340	bP	P	02 04 16.3 -0.2
KOVH	Kovagototos	79.40	330	eP	P	02 04 15.9 -0.9
S44A	Cardonate	79.44	45	I	Amb	02 04 18.1
SIUC	Southern Illin	79.44	45	I	Amb	02 04 18.1
SNF	Senefe	79.45	340	eP	P	02 04 17.1 +0.2
WHXL	Lake Whitney,	79.50	54	P	P	02 04 17.5 0.0
BMRD	Maredsous	79.53	340	eP	P	02 04 17.1 -0.3
KUBS	Kucevo	79.53	327	I	P	02 04 16.3 -1.2
RCHB	Rochefort	79.55	339	eP	P	02 04 17.2 -0.3
PBMO	Poplar Bluff	79.57	47	I	Amb	02 04 19.0
FRGS	Fruska Gora	79.59	328	I	P	02 04 17.5 -0.3
FRGS	Fruska Gora	79.59	328	I	P	02 04 17.3 -0.5
FRGS	Fruska Gora	79.59	328	I	P	02 04 17.4 -0.4
BORA	Eskisehir	79.60	319	I	Amb	02 04 18.0 -0.1
EDRB	Edirne	79.64	322	P	P	02 04 18.9 +0.8
J54A	Appleton	79.65	35	I	Amb	02 04 18.8
MIAR	Mount Airy	79.68	50	P	P	02 04 18.4 -0.1
RJOB	Jochberg	79.68	334	eP	P	02 04 18.9 +0.6
KOGS	Kog	79.72	331	eP	P	02 04 18.0 -0.4
FUR	Furstenfeldbru	79.73	335	eP	P	02 04 19.1 +0.5
D02A	Dourbes	79.76	340	bP	P	02 04 18.4 -0.3
TRNA	Turany	79.77	295	P	P	02 04 19.2 +0.1
WHAR	Woody Hollow	79.78	49	I	Amb	02 04 19.3
WLF	Walferdange	79.78	339	eP	P	02 04 19.4 +0.7
WLF	Walferdange	79.78	339	P	P	02 04 19.1 +0.3
STU	Stuttgart	79.80	336	eP	P	02 04 19.0 +0.2
MEDO	Medina	79.81	35	I	Amb	02 04 18.6
ZAGS	Zajecar	79.83	326	I	P	02 04 17.5 -1.6
V515	Svaljainac	79.83	327	I	P	02 04 17.7 -0.4
P48A	Milroy	79.86	42	I	Amb	02 04 19.9
W41B	Wary Mavity, V	79.89	49	P	P	02 04 19.1 -0.5
SOKA	Soboth	79.92	332	eP	P	02 04 19.7 0.0

PERS	Pernice	79.92	332	I	P	02 04 19.8 +0.1
SLWR	Sila	79.95	294	P	P	02 04 20.4 +0.4
M52A	Chesterland	79.97	38	I	Amb	02 04 20.9
J55A	Hilton	79.98	35	I	Amb	02 04 20.2
PARMO	Parma	80.00	46	P	P	02 04 20.1 0.0
N51A	Ashland	80.04	39	I	Amb	02 04 20.9
LONV	Laker Ozonia	80.06	32	P	P	02 04 20.0 -0.4
ERPA	Erie	80.06	37	I	Amb	02 04 20.8
ERPA	Erie	80.06	37	P	P	02 04 20.1 -0.3
KBA	Koelnbreinsper	80.10	333	eP	P	02 04 20.9 +0.2
X40A	Basin Creek Fa	80.11	50	I	Amb	02 04 22.0
X40A	Basin Creek Fa	80.11	50	P	P	02 04 20.5 -0.3
P49A	Miami Univ. Ec	80.12	41	I	Amb	02 04 21.4
P49A	Miami Univ. Ec	80.12	41	P	P	02 04 20.2 -0.6
ZAPS	Zavoj	80.13	325	I	P	02 04 20.1 -0.7
FORT	Forrest	80.17	201	P	P	02 04 21.6 +0.7
FORT	Forrest	80.17	201	I	Amb	02 04 23.1
FORT	Forrest	80.17	201	P	P	02 04 22.3 +1.4
TRUS	Trudelj	80.17	327	I	P	02 04 20.7 -0.3
BOVS	Bovan	80.18	326	I	P	02 04 20.4 -0.6
BOVS	Bovan	80.18	326	I	P	02 04 19.8 -1.2
TEKS	Tekeris	80.22	328	I	P	02 04 19.4 -1.8
TEKS	Tekeris	80.22	328	I	P	02 04 20.3 -0.9
OBKA	Obir	80.22	332	I	P	02 04 20.9 -0.4
435B	Jarell	80.33	55	P	P	02 04 22.2 +0.1
ACSO	Alum Creek Sta	80.33	40	I	Amb	02 04 22.6
ACSO	Alum Creek Sta	80.33	40	P	P	02 04 21.6 -0.3
M53A	WI Miller and	80.34	38	I	Amb	02 04 22.9
M53A	WI Miller and	80.34	38	P	P	02 04 21.8 -0.2
GRUS	Grumit Univ	80.34	327	I	P	02 04 21.7 -0.2
ZAG	Zagreb	80.35	331	I	P	02 04 21.6 -0.3
WVNY	West Valley, N	80.39	36	I	Amb	02 04 22.8
MMNY	Mr. Morris Dam	80.39	35	I	Amb	02 04 21.9
MYKA	Terra Mystica	80.40	333	I	P	02 04 21.8 -0.5
WATA	Walderalm	80.41	334	eP	P	02 04 22.6 +0.2
DIVS	Divibare	80.43	327	I	P	02 04 21.9 -0.6
DIVS	Divibare	80.43	327	I	P	02 04 22.1 -0.4
BFO	Black Forest	80.44	337	P	P	02 04 22.3 0.0
BFO	Black Forest	80.44	337	P	P	02 04 22.4 +0.1
BFO	Black Forest	80.44	337	P	P	02 04 22.3 0.0
WCI	Wyandotte Cave	80.44	43	P	P	02 04 22.0 -0.5
WCI	Wyandotte Cave	80.44	43	P	P	02 04 21.9 -0.5
WCI	Wyandotte Cave	80.44	43	P	P	02 04 23.6
WCI	Wyandotte Cave	80.44	43	P	P	02 04 22.4 -0.1
VTS	Vitosh	80.44	325	I	P	02 04 22.9 +0.3
VTS	Vitosh	80.44	325	I	P	02 04 22.9 +0.3
WTTA	Wattenberg	80.45	334	eP	P	02 04 23.1 +0.4
RETA	Reutte	80.51	335	I	P	02 04 23.0 +0.1
CRES	Cresnevi	80.53	331	I	P	02 04 22.4 -0.5
UBR	Ueberuh	80.53	335	eP	P	02 04 23.0 +0.1
MOTA	Moosalm	80.54	335	I	P	02 04 23.1 0.0
BATG	Bathurst New B	80.55	26	I	Amb	02 04 23.9
J57A	Williamstown	80.56	34	I	Amb	02 04 24.2
WLAR	White Oak Lake	80.58	50	I	Amb	02 04 24.1
SQTA	Sankt Quirin	80.62	334	eP	P	02 04 23.7 +0.2
LJU	Ljubljana	80.64	332	I	P	02 04 22.9 -0.6
LJU	Ljubljana	80.64	332	I	P	02 04 22.9 -0.6
ABTA	Abtaltersbach	80.65	333	I	P	02 04 23.1 -0.5
ZOU	Zouplian	80.68	333	I	Amb	02 04 29.0
M54A	Oil Creek Stat	80.70	37	I	Amb	02 04 24.7
M54A	Oil Creek Stat	80.70	37	P	P	02 04 23.5 -0.4
ALN	Alexandroupoli	80.72	322	P	P	02 04 24.6 +0.7
ALN	Alexandroupoli	80.72	322	P	P	02 04 24.1 +0.2
ALN	Alexandroupoli	80.72	322	P	P	02 04 24.1 +0.2
RDO	Rodopi	80.73	322	I	P	02 04 24.8 +0.8
SELS	Selva	80.76	326	I	P	02 04 22.8 -1.4
N53A	Nesvizh	80.79	38	I	Amb	02 04 25.2
Enez	Enez	80.81	322	P	P	02 04 25.1 +0.7
IVAS	Ivanjica	80.82	327	I	P	02 04 23.8 -0.7
BARS	Barje	80.83	326	I	P	02 04 16.3 -8.3
BARS	Barje	80.83	326	I	P	02 04 23.7 -0.9
BOSS	Bosilegrad	80.84	325	I	P	02 04 24.4 -0.2
BBLs	Lazi&263;i	80.85	328	I	P	02 04 24.6 -0.1
BBLs	Lazi&263;i	80.85	328	I	P	02 04 24.8 -0.1
ECH	Echery	80.85	337	P	P	02 04 24.2 -0.4
ECH	Echery	80.85	337	P	P	02 04 24.2 -0.4
J58A	Remsen	80.88	33	I	Amb	02 04 24.9
BOJS	Bojan	80.88	331	I	P	02 04 24.3 -0.4
BLY	Banja Luka	80.88	330	I	P	02 04 23.9 -0.8
P51A	Williamsport	80.91	40	I	Amb	02 04 25.4
R42A	Adamsville	80.92	42	I	Amb	02 04 25.6
O52A	Adamsville	80.93	39	I	Amb	02 04 25.8
K57A	Scipio Center	80.94	34	I	Amb	02 04 25.3
CEY	Cerknica	80.94	332	I	P	02 04 24.4 -0.7
FETA	Feichten	80.94	335	eP	P	02 04 25.5 +0.2
DAVA	Daruvas	80.95				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANI, KNRA, FITZ, WRAB, WRA, QIS, ASAR, WRKA, WROK, XMI, INKA, MULG, MKAR.

IDC 13 03:00:24.4-1.1, 27.31N:84.64E, h0km, mb3.9/3, mb1.4/0.4, mb1mx3.150, mbtmp3.8/4, ML3.9/1, Error ellipse: s-maj=32.4km s-min=14.3km az=82.0,

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

NEIC 13 03:11:40.3±2.0, 24.6S:02°179.9W±0.2, h482km±14km, mb4.3/15, Error ellipse: s-maj=29.8km s-min=25.9km az=85.0,

IDC 13 03:11:42.8-3.8, 24.45S:179.94E, h502km±11km, mb3.6/8, mb1.3/8.9, mb1mx3.3/25, mbtmp4.5/9, Error ellipse: s-maj=51.6km s-min=26.0km az=143.0,

ISC 13 03:11:43.8-1.1, 24.75S:02°179.9E±0.2, h517km±n28, az=096/29, mb4.3/14, South of Fiji Islands

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, DZM, BFZ, ARMA, EIDS, CTA, CTAO, TOO, STKA, STKA, PMG, PMG, COEN, COEN, BBOO, AS31, ASAR, ASAR, ASAR, WRO, WRO, WB2, WB2, WBO, WBO, WRA, WRA, WRA, WRA, KFOR, KFOR, KSRS, KSRS, CMAR, CMAR, AKASG, AKASG, BRTR, BRTR.

NNC 13 03:24:52.4-6.1, 38.64N:73°16E, h0km, mb4.0, mpv3.6, 5D, Error ellipse: s-maj=45.1km s-min=28.8km az=172.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK, AAK, IUG, IUG, IUG, IUG, KK08, KK08, DGS, DGS, BRLS, BRLS, KUU, KUU, AB31, AB31.

IDC 13 03:31:14.5±3.6, 37°52N:72°74E, h0km, mb4.0/1, mb1.3/6.9, mb1mx3.0/59, mbtmp3.5/6, ML3.1/5, MS3.0/1, Ms1.3/0.1, ms1mx2.3/44, Error ellipse: s-maj=46.7km s-min=18.0km az=167.0,

NNC 13 03:31:20.7±3.8, 38°11N:72°56E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=27.6km s-min=20.1km az=170.0,

ISC 13 03:31:19.0±2.4, 37.9N:02°72.39E±0.09, h10km±n17, az=171/19, 5C-2D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IUG, IUG, MRKS, MRKS, AAK, AAK, AAK, AAK, AAK, AAK, KK08, KK08.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK08, BRLS, BRLS, TKM2, TKM2, DGS, DGS, KRBS, KRBS, KUU, KUU, MKAR, MKAR, AB31, AB31, BVAR, BVAR, ZALV, ZALV, TLY, TLY, FINES, FINES.

DJA 13 03:37:57.9±0.4, 9°S:6°11'9E±, h1199km±6km, MA.0/11, mb4.2/4, MLV3.9/11,

IDC 13 03:37:58.6±3.4, 8°45S:119°42E, h155km±31km, mb3.2/4, mb1.3/2.8, mb1mx2.8/43, mbtmp3.7/8, Error ellipse: s-maj=58.0km s-min=14.9km az=59.0,

ISC 13 03:37:57.0±0.8, 8.67S:008°19'23E±0.07, h150km±n20, az=195/24, mb3.8/3, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WBSI, WBSI, PLAI, PLAI, BASH, BASH, TWSI, TWSI, EDFI, EDFI, KAPI, KAPI, IGBI, IGBI, BATI, BATI, BATI, BATI, BATI, BATI, GMIJ, GMIJ, PCJI, PCJI, UGM, UGM, FITZ, FITZ, FITZ, FITZ, WRA, WRA, WRA, WRA, ASAR, ASAR, SONM, SONM, MKAR, MKAR, ZALV, ZALV.

MDD 13 03:46:31.6±0.5, 27.75N:18°19W, h32km±3km, mbLg3.2/17.7C, Error ellipse: s-maj=5.6km s-min=3.9km az=167.0, PRXIMO TT-model: canary, Canary Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CORC, CORC, CTAD, CTAD, CJUL, CJUL, CTAN, CTAN, CHIE, CHIE, CRST, CRST, CTIG, CTIG, EHIG, EHIG, TBT, TBT, EGOM, EGOM, EGOM, EGOM, CRAJ, CRAJ, MACI, MACI, CGUI, CGUI, EBAJ, EBAJ, GGC, GGC, EOSO, EOSO, EGIN, EGIN, CFTV, CFTV.

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

MDD 13 03:47:12.0±1.1, 27.74N:18°21W, h33km±7km, mbLg2.8/6, Error ellipse: s-maj=15.7km s-min=8.9km az=174.0, PRXIMO TT-model: canary, Canary Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CORC, CORC, CTAD, CTAD, CJUL, CJUL, CTAN, CTAN, CHIE, CHIE, CRST, CRST, CTIG, CTIG, EHIG, EHIG.

CNMR 13 03:57:00.4, 36°13N:0°56W, h0km, ml2.5, MDD 13 03:57:01.7±2.1, 36°12N:0°35W, h0km, mbLg1.7/5, Error ellipse: s-maj=19.9km s-min=11.0km az=152.0, PRXIMO ISC 13 03:57:00.1±1.4, 36°16N:0°05'34W±0.07, h10km±n13, az=150/25, Western Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CART, CART, ENJ, ENJ, EMUR, EMUR, EBER, EBER, GOG, GOG, AFON, AFON, JBK, JBK, SESP, SESP, ETOB, ETOB, EQES, EQES, ELGU, ELGU, EIBI, EIBI, AKLM, AKLM.

IDC 13 04:24:27.1±1.8, 43°15N:82°21E, h0km, mb4.0/4, mb1.3/8.9, mb1mx3.5/55, mbtmp3.7/9, ML3.1/5, Error ellipse: s-maj=27.1km s-min=15.9km az=126.0,

NEIC 13 04:24:31.8±1.3, 43°33N:0°09'82.4E±0.1, h10km±2km, mb4.3/6, Error ellipse: s-maj=20.1km s-min=9.5km az=127.0,

SOME 13 04:24:33.1, 43°42N:81°97E, h10km, NNC 13 04:24:34.6±1.0, 43°58N:81°94E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=9.7km s-min=3.9km az=137.0,

ISC 13 04:24:30.7±1.5, 43°41N:0°05'82.2E±0.05, h8km±9km, az=177, az=22/105, mb4.2/6, 11C-6D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KTMS, KTMS, PDGK, PDGK, PDGK, PDGK, SHLS, SHLS, SHLS, SHLS, UZB, UZB, UZB, UZB, ZHN, ZHN, ZHN, ZHN, BLB, BLB, SATY, SATY, SATY, SATY.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SATY, KURS, TDK, ARXS, MK31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIL, ABKAR, SONM, USA0B, RAYN, etc.

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

TUP	e	05 54 45.1	ZEA	comp=E,50nm,0.8s	pmax	pmax			
TUP	eS	05 55 27.1 +0.5	ZEA	comp=Z,80nm,0.8s	pmax	pmax			
TUP	e	05 55 48.3	ZEA	comp=E,100nm,1.2s	smax	smax			
TUP	pmax		ZEA	comp=E,2um,5.0s	MLR	MLR			
comp=Z,886nm,0.6s	smax		ZEA	comp=N,1um,3.0s	MLR	MLR			
comp=N,8um,0.9s	smax		ZEA	comp=Z,2um,6.0s	MLR	MLR			
BGT	ePn	05 54 30.2 -1.2	KNGR	Kungurtug, Tuv	9.67 249	ePn	Pn	05 55 38.4 +0.1	
BGT	ePb	05 54 42.7 -0.5	KNGR			e	Sb	05 55 52.4	
BGT	e	05 54 45.4	KNGR			eSg	Sb	05 55 43.9 +3.0	
BGT	e	05 54 49.9	KNGR			eSg	Smax	05 55 05.4	
comp=N,306nm,1.0s	e		KZLR	Kyzyl Yakutsk	10.85 260	eSg	Sg	05 58 52.2	
comp=N,2um,1.1s	eSg	05 55 23.7 -3.2	YAK	comp=Z,0.1nm,0.3s,baz=57,slow=3.7,SNR=5.5	11.71 46	e	Lg	05 57 19.9 -7.1	
KHNR	ePn	05 54 35.8 +1.5	YAK	comp=Z,0.1nm,0.3s,baz=270,slow=16,SNR=6.7	11.71 46	eS	Lg	05 58 03.7 -2.3	
KHNR	ePb	05 54 49.0 +2.1	YAK	comp=Z,70nm,20.6s,baz=258,slow=33		e	LR	05 59 21.5	
KHNR	eSg	05 55 30.9 -1.3	YAK	comp=Z,0.1nm,0.3s,baz=259,slow=4.5,SNR=5.1		eS	LR	05 59 50.5	
KHNR	eSg	05 55 55.3 -4.6	YAK	comp=Z,211nm,14.0s		e	MLR		
KHNR	e	05 54 35.6 -1.1	YAK	Yakutsk	11.71 46	eS	Pn	05 56 03.0 -2.9	
LSTR	e	05 54 44.4	YAK			eS	Pn	05 56 30.4 -0.7	
LSTR	ePb	05 54 49.8 0.0	YAK	comp=Z,2.0nm,0.3s,baz=307,slow=14,SNR=26		e	Sb	05 59 02.3 +0.9	
LSTR	ePmax	05 54 56.9	YAK	comp=Z,1.2nm,0.3s,baz=259,slow=4.5,SNR=5.1		e	Lg	06 00 22.4	
comp=N,204nm,1.4s	e	05 55 16.8	YAK	comp=Z,3.6nm,0.3s,baz=42,slow=20,SNR=8.5		e	LR	06 02 20.4	
LSTR	eSg	05 55 55.8 +3.8	YAK	comp=Z,262nm,19.6s,baz=336,slow=40		e	Pn	05 56 30.7 -0.4	
LSTR	e	05 56 02.5	YAK	Kul'dur	13.54 107	eP	Pn	05 56 42.1 +2.7	
comp=N,2um,1.4s	eSg	05 54 51.2 +0.6	YAK	Hu-ho-hao-te	14.14 181	e	S	05 59 21.1 +4.9	
IRK	ePmax	05 54 58.5	YAK	comp=Z,13nm,0.8s		e	Pmax		
IRK	e	05 55 33.6 -4.1	YAK	comp=Z,120nm,4.4s		e	Pmax		
comp=N,701nm,0.7s	eSg	05 55 48.7	YAK	comp=Z,3um,7.2s		e	LR		
IRK	e	05 55 57.7 +4.2	YAK	comp=Z,750nm,6.8s		e	LR		
IRK	e	05 56 15.3	YAK	comp=Z,3um,7.2s		e	LR		
IRK	e	05 54 36.3 -2.0	YAK	Changchun	14.27 136	eS	Pn	05 56 40.5 -0.5	
KPC	ePn	05 54 52.2 +0.5	YAK	comp=Z,10.0nm,0.7s		eS	Pn	05 59 20.0 +0.8	
KPC	ePmax	05 55 03.3	YAK	comp=Z,100nm,8.2s		e	Pmax		
comp=N,394nm,1.1s	eSg	05 55 33.8 -5.5	YAK	comp=Z,2um,10.0s		e	Pmax		
KPC	eSg	05 55 59.6 +4.3	YAK	comp=Z,2um,10.0s		e	Pmax		
KPC	e	05 56 02.1	YAK	comp=Z,2um,10.0s		e	Pmax		
comp=N,10um,1.5s	e	05 54 36.3 -2.0	YAK	comp=Z,1um,10.0s		e	Pmax		
KPC	e	05 54 51.8	YAK	comp=Z,1um,10.0s		e	Pmax		
KPC	e	05 55 58.3	YAK	comp=Z,1um,10.0s		e	Pmax		
KPC	e	05 55 83.3	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=Z,394nm,1.1s	e	05 54 38.8 -1.2	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,10um,1.5s	e	05 54 42.5	YAK	comp=Z,1um,10.0s		e	Pmax		
IVK	e	05 54 47.2	YAK	comp=Z,1um,10.0s		e	Pmax		
IVK	e	05 54 54.3 +0.4	YAK	comp=Z,1um,10.0s		e	Pmax		
IVK	e	05 55 25.4	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,186nm,1.1s	e	05 55 39.1 -3.3	YAK	comp=Z,1um,10.0s		e	Pmax		
IVK	e	05 56 00.5	YAK	comp=Z,1um,10.0s		e	Pmax		
IVK	e	05 56 04.6 +5.6	YAK	comp=Z,1um,10.0s		e	Pmax		
IVK	e	05 55 10.6	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,2um,1.5s	e	05 54 44.8 -1.5	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 54 44.8 -1.5	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 55 15.7	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,0.6nm,0.3s,baz=149,slow=10,SNR=8.3	e	05 54 44.7 -1.5	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 55 02.5	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,1um,20.5s,baz=42,slow=39	e	05 54 44.7 -1.5	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 55 02.5 +0.9	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 55 07.8	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,155nm,0.9s	e	05 55 49.5 -4.1	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 56 13.1	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 56 18.7 +6.7	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 56 22.2	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,2um,1.2s	e	05 54 44.7 -1.5	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 55 03.8	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 56 16.5	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=Z,247nm,0.6s	e	05 54 44.6 -1.6	YAK	comp=Z,1um,10.0s		e	Pmax		
TLY	e	05 54 51.5 -1.4	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=E,1.0nm,0.4s	e	05 55 11.7 +1.8	YAK	comp=Z,1um,10.0s		e	Pmax		
ARS	e	05 55 16.3	YAK	comp=Z,1um,10.0s		e	Pmax		
ARS	e	05 56 01.0 -4.6	YAK	comp=Z,1um,10.0s		e	Pmax		
ARS	e	05 56 32.6 +6.6	YAK	comp=Z,1um,10.0s		e	Pmax		
ARS	e	05 56 37.2	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,11um,0.9s	e	05 54 59.9 -0.5	YAK	comp=Z,1um,10.0s		e	Pmax		
ZAK	ePn	05 55 21.1 +1.9	YAK	comp=Z,1um,10.0s		e	Pmax		
ZAK	ePb	05 55 58.6	YAK	comp=Z,1um,10.0s		e	Pmax		
ZAK	e	05 55 58.6	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,170nm,1.1s	e	05 56 14.4 -4.7	YAK	comp=Z,1um,10.0s		e	Pmax		
ZAK	e	05 56 49.4 +7.7	YAK	comp=Z,1um,10.0s		e	Pmax		
ZAK	e	05 57 12.9	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,2um,1.2s	e	05 55 00.1 -0.3	YAK	comp=Z,1um,10.0s		e	Pmax		
ZAK	e	05 55 22.4	YAK	comp=Z,1um,10.0s		e	Pmax		
ZAK	e	05 56 48.8	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=Z,169nm,0.3s	e	05 55 04.7 -0.4	YAK	comp=Z,1um,10.0s		e	Pmax		
ZAK	e	05 56 28.0 +2.9	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,2um,1.0s	e	05 55 36.6	YAK	comp=Z,1um,10.0s		e	Pmax		
MOY	e	05 55 62.8 -4.7	YAK	comp=Z,1um,10.0s		e	Pmax		
MOY	e	05 56 59.7 +8.1	YAK	comp=Z,1um,10.0s		e	Pmax		
MOY	e	05 57 14.6	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,3um,1.2s	e	05 55 06.0 +0.9	YAK	comp=Z,1um,10.0s		e	Pmax		
MOY	e	05 55 28.3	YAK	comp=Z,1um,10.0s		e	Pmax		
MOY	e	05 56 59.3	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=Z,371nm,1.1s	e	05 55 08.4 -0.1	YAK	comp=Z,1um,10.0s		e	Pmax		
MOY	e	05 55 22.1	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,3um,1.3s	e	05 56 28.5 -5.0	YAK	comp=Z,1um,10.0s		e	Pmax		
ORL	e	05 57 08.7 -1.1	YAK	comp=Z,1um,10.0s		e	Pmax		
ORL	e	05 57 15.2	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,585nm,1.2s	e	05 55 08.4 -0.1	YAK	comp=Z,1um,10.0s		e	Pmax		
ORL	e	05 55 32.3	YAK	comp=Z,1um,10.0s		e	Pmax		
ORL	e	05 57 07.2	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,585nm,1.0s	e	05 55 08.8 -0.2	YAK	comp=Z,1um,10.0s		e	Pmax		
ORL	e	05 55 33.2 +3.4	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,3um,1.3s	e	05 56 29.5 -4.8	YAK	comp=Z,1um,10.0s		e	Pmax		
HAIL	e	05 56 44.2	YAK	comp=Z,1um,10.0s		e	Pmax		
HAIL	e	05 57 09.4 +1.0	YAK	comp=Z,1um,10.0s		e	Pmax		
HAIL	e	05 55 09.4 +0.4	YAK	comp=Z,1um,10.0s		e	Pmax		
HAIL	e	05 55 09.3 +0.4	YAK	comp=Z,1um,10.0s		e	Pmax		
ULN	ePn	05 55 10.3 -1.1	YAK	comp=Z,1um,10.0s		e	Pmax		
ULN	ePb	05 55 36.0 +3.2	YAK	comp=Z,1um,10.0s		e	Pmax		
ULN	e	05 56 33.4 -5.3	YAK	comp=Z,1um,10.0s		e	Pmax		
ULN	e	05 57 14.5 +1.0	YAK	comp=Z,1um,10.0s		e	Pmax		
ULN	e	05 55 10.2 -1.1	YAK	comp=Z,1um,10.0s		e	Pmax		
ULN	e	05 55 10.3 -1.1	YAK	comp=Z,1um,10.0s		e	Pmax		
ULN	e	05 55 12.9 -1.2	YAK	comp=Z,1um,10.0s		e	Pmax		
SOMM	e	05 56 45.5 +2.1	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,18nm,0.3s,baz=14,slow=28,SNR=5.5	e	05 55 23.7	YAK	comp=Z,1um,10.0s		e	Pmax		
SOMM	e	05 55 12.6 -1.4	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,30nm,0.3s,baz=9.8,slow=27,SNR=10	e	05 55 33.5 +2.7	YAK	comp=Z,1um,10.0s		e	Pmax		
SOMM	e	05 57 14.3 +0.9	YAK	comp=Z,1um,10.0s		e	Pmax		
SOMM	e	05 55 33.5 +2.7	YAK	comp=Z,1um,10.0s		e	Pmax		
ZEA	e	05 57 14.3 +0.9	YAK	comp=Z,1um,10.0s		e	Pmax		
ZEA	e	05 57 14.3 +0.9	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=Z,100nm,1.0s	e	05 57 14.3 +0.9	YAK	comp=Z,1um,10.0s		e	Pmax		
comp=N,30nm,0.9s	e	05 57 14.3 +0.9	YAK	comp=Z,1um,10.0s		e	Pmax		

ZEA	comp=E,50nm,0.8s	pmax	pmax						
ZEA	comp=Z,80nm,0.8s	pmax	pmax						
ZEA	comp=E,100nm,1.2s	smax	smax						
ZEA	comp=E,2um,5.0s	MLR	MLR						
ZEA	comp=N,1um,3.0s	MLR	MLR						
ZEA	comp=Z,2um,6.0s	MLR	MLR						
KNGR	Kungurtug, Tuv	9.67 249	ePn	Pn	05 55 38.4 +0.1				
KNGR			e	Sb	05 55 52.4				
KNGR			eSg	Sb	05 55 43.9 +3.0				
KNGR			eSg	Smax	05 55 05.4				
KZLR	Kyzyl Yakutsk	10.85 260	eSg	Sg	05 58 52.2				
YAK									

Table with columns: SATY, Saty, 24.66 255 eP, P, 05 58 40.0 0.0, etc. Includes stations like SATY, ENH, OTUK, KUU, MDOK, MJAR, etc.

Table with columns: KLMR, Klimovskoe, 37.01 309 eP, P, 06 00 26.6 -1.7, etc. Includes stations like KLMR, CMAR, ARCES, GEYT, etc.

Table with columns: TRF, Thorofore Moun, 46.04 38 P, P, 06 01 42.7 +0.2, etc. Includes stations like TRF, N19K, CCB, WRH, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like J29M Klondike Camp, EYAK Cordova Ski Ar, M27K Edge Creek, AK, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CTI Castel Tesino, ECH Echery, ECH Echery, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like PAHR Pah Rah Range, BMM Battle Mountai, BMM Battle Mountai, etc.

42A 42A	Draeger Farm, comp=Z,21nm,0.8s	79.95	15	P	P	06 05 28.0 +0.1 06 05 31.4	P38A comp=Z,21nm,1.1s	IAMB	IAMB	06 05 49.4	T42A	IAMB	IAMB	06 05 04.8				
MPMC	Manual Prospec baz=33	79.98	39	P	P	06 05 26.8 -1.7	N47A Urbana	83.36	13	P	P	06 05 45.3 -0.7 06 05 49.0	O61A Milford baz=356	86.31	6	P	P	06 05 59.7 -1.2
MTPU	Mount Pierson	80.00	34	P	P	06 05 29.7 +0.9	comp=Z,18nm,1.1s	83.37	9	P	P	06 05 45.8 -0.3 06 05 44.5 -1.6	R53A Hurricane	86.32	11	P	P	06 06 01.1 +0.1
CCUT	Cedar City	80.06	35	P	P	06 05 29.5 +0.5	M53A WI Miller and baz=353	83.37	9	P	P	06 05 45.8 -0.3 06 05 44.5 -1.6	TUL1 Leonard baz=345	86.43	22	P	P	06 06 01.4 -0.2
SZCU	Shurtz Canyon	80.11	35	P	P	06 05 29.7 +0.5	R32A Long Quarter, Oil Creek Stat baz=353	83.37	24	P	P	06 05 46.5 +0.3 06 05 44.1 -2.1	121A Cokes Peak, D baz=338	86.46	33	P	P	06 06 01.4 -0.6
PKME	Peaks-Kenny Pk baz=359	80.13	1	P	P	06 05 27.7 -1.1	W18A Pettrified Fore	83.46	33	P	P	06 05 47.8 +0.9 06 05 52.1	MSTX Muleshoe	86.57	28	P	IAMB	06 06 03.0 +0.5
OGALLA	Ogallala baz=341	80.18	25	P	P	06 05 28.8 -0.6	W18A Pettrified Fore baz=338	83.46	33	P	P	06 05 46.3 -0.6	MSTX Muleshoe baz=341	86.57	28	P	P	06 06 01.7 -0.8
SADO	Sadowa	80.20	8	P	P	06 05 29.3 +0.1	N49A Columbus Grove	83.50	12	P	P	06 05 46.9 +0.2	U40A Yellville	86.61	20	P	IAMB	06 06 01.8 -0.6
ISCO	Idaho Springs	80.33	28	P	P	06 05 31.0 +0.5	M55A Midway U. Connecticut UCCT	83.54	3	P	IAMB	06 05 47.9 +0.9 06 05 51.6	U40A Yellville baz=346,SNR=6.1	86.61	20	P	P	06 06 01.5 -1.0
ISCO	Idaho Springs baz=339,SNR=6.7	80.33	28	P	P	06 05 29.4 -1.1	comp=Z,18nm,1.0s	83.55	35	P	P	06 05 48.2 +0.9 06 05 47.3 -0.4	PBMO Poplar Bluff PBMO	86.64	18	P	IAMB	06 06 02.6 0.0
SHRP	Sheep Range	80.40	37	P	P	06 05 31.7 +0.1	X16A Lo Mia Camp, P GLA	83.65	38	P	P	06 05 48.2 +0.9 06 05 47.3 -0.4	T45A Paducah Corbin Frederi baz=355	86.71	16	P	P	06 06 03.7 +0.8 06 06 02.6 -1.0
LRMC	Laurel Mtn Rd baz=334,SNR=5.1	80.43	39	P	P	06 05 30.2 -0.7	SFIN Lafayette	83.65	14	P	P	06 05 47.8 +0.3 06 05 47.1 -0.4	T47A T47A	86.78	15	P	IAMB	06 06 04.5 +0.2 06 06 08.0
K38A K38A	Parkersburg	80.53	18	P	IAMB	06 05 31.0 -0.1 06 05 32.0	O44A Mansfield	83.67	15	P	IAMB	06 05 47.4 -0.3 06 05 48.4	R58B Mineral	87.06	8	P	IAMB	06 06 04.7 +0.1 06 06 05.6
SMCO	Snowmass	80.53	30	P	IAMB	06 05 32.8 +1.1 06 05 36.2	P40A Paris	83.68	18	P	P	06 05 47.7 0.0	S57A SS7A	87.17	8	P	IAMB	06 06 05.6 +0.5 06 06 08.6
SHOC	Shoshone, Teco baz=33	80.56	38	P	P	06 05 30.1 -1.3	M57A Sunshine Farm, M57A	83.76	7	P	IAMB	06 05 48.5 +0.4 06 05 49.3	FCAR FCAR	87.20	19	P	IAMB	06 06 05.0 -0.3 06 06 06.0
DELO	Deloro Mine	80.56	7	P	IAMB	06 05 31.8 +0.6 06 05 32.6	N54A Moraine State N54A	83.91	9	P	P	06 05 48.8 0.0 06 05 48.5 -0.4	LCAR Lake Charles	87.20	18	P	IAMB	06 06 05.3 0.0 06 06 09.0
DELO	Deloro Mine	80.56	7	P	IAMB	06 05 31.8 +0.6 06 05 32.6	X18A Snowflake N53A N53A	83.93	34	P	IAMB	06 05 49.8 +0.5 06 05 49.3 +0.1 06 05 52.6	W39A W39A	87.54	21	P	IAMB	06 06 07.4 +0.4 06 06 08.2
AS31	Alice Springs	80.59	159	P	P	06 05 30.6 -0.9	P43A Skaggs, Pawnee TRNY TRNY	84.01	16	P	P	06 05 49.4 0.0 06 05 50.4 +0.5 06 05 53.7	W39A Magazine baz=346	87.54	21	P	IAMB	06 06 06.1 -0.9
ASAR	Alice Springs	80.59	159	P	P	06 05 30.6 -1.0	ODNJ Ogdensburg	84.16	5	P	IAMB	06 05 50.6 +0.5 06 05 51.4	U49A Red Boiling Sp U49A	87.64	14	P	IAMB	06 06 07.5 +0.1 06 06 11.2
LONY	Lake Ozonia	80.63	5	P	IAMB	06 05 32.3 +0.7 06 05 33.4	O49A Covington	84.21	12	P	P	06 05 50.1 0.0 06 05 51.1 +0.5 06 05 50.1 -0.6	WWT WWT	87.71	16	P	pmax	06 06 08.3 +0.5 06 06 08.3 +0.5
LONY	Lake Ozonia	80.63	5	P	IAMB	06 05 32.3 +0.7 06 05 33.4	N59A State Game Lan N59A	84.26	6	P	P	06 05 50.1 +0.4 06 05 54.3	WWT WWT	87.71	16	P	pmax	06 06 08.3 +0.5 06 06 08.3 +0.5
BGNE	Belgrade	80.65	22	P	IAMB	06 05 32.1 +0.3 06 05 32.9	PAL Palisades	84.27	4	P	IAMB	06 05 51.0 +0.4 06 05 54.3	WHAR Woolly Hollow W41B Gary Mavity, V baz=340	87.75	19	P	P	06 06 08.2 +0.2 06 06 07.1 -1.5
BGNE	Belgrade	80.65	22	P	IAMB	06 05 32.1 +0.3 06 05 32.9	PAL Palisades	84.27	4	P	IAMB	06 05 51.0 +0.4 06 05 54.3	TZTN Tzewell baz=351	87.90	12	P	P	06 06 08.1 -0.6
JFWS	Jewell Farm	80.69	16	P	pmax	06 05 31.8 -0.2 06 05 30.3 -1.7	N58A Sunbury	84.28	6	P	IAMB	06 05 50.1 -0.5 06 05 50.7 0.0 06 05 54.3	T60A LOOK LOOK	87.96	7	P	P	06 06 09.4 +0.5 06 06 10.2 +1.2 06 06 09.1 0.0
JFWS	Jewell Farm	80.69	16	P	pmax	06 05 31.8 -0.2 06 05 30.3 -1.7	N58A Sunbury	84.28	6	P	IAMB	06 05 50.1 -0.5 06 05 50.7 0.0 06 05 54.3	MNTX Cornudas Mount V48A	87.96	31	P	P	06 06 09.9 +0.9 06 06 10.5 +0.2 06 06 14.1
KNB	Kanab	80.72	35	P	pmax	06 05 33.3 +0.8	SSPA Standing Stone	84.40	7	P	IAMB	06 05 50.9 -0.4 06 05 54.7	X40A Basin Creek Fa baz=346	88.42	20	P	P	06 06 10.2 -1.0
KNB	Kanab	80.72	35	P	pmax	06 05 33.3 +0.8	SSPA Standing Stone	84.40	7	P	IAMB	06 05 50.9 -0.4 06 05 54.7	U54A Hickory Valley U54A	88.44	17	P	P	06 06 12.0 +0.8 06 06 11.8 +0.3 06 06 15.6
EDW2	Edwards Air Fo baz=334	80.85	39	P	P	06 05 33.0 -0.1	O53A New Philadelph O53A	84.50	10	P	IAMB	06 05 52.4 +0.5 06 05 55.3	V51A Loudon	88.53	13	P	IAMB	06 06 12.1 +0.5 06 06 12.9
GSC	Goldstone, Bar baz=334	80.91	38	P	P	06 05 32.9 -0.5	O53A New Philadelph baz=353	84.50	10	P	P	06 05 51.4 -0.4 06 05 52.9 +0.8 06 05 52.5 +0.2 06 05 52.3 0.0 06 05 53.4 +0.6	V51A Loudon	88.53	13	P	IAMB	06 06 12.1 +0.5 06 06 12.9
VT1	Waterbury	80.99	3	P	IAMB	06 05 34.6 +0.1 06 05 35.4	BRNJ O52A Adamsville	84.56	5	P	P	06 05 52.9 +0.8 06 05 52.5 +0.2 06 05 52.3 0.0 06 05 53.4 +0.6	Z35A Perseverance, San Sevierville	88.58	24	P	P	06 06 12.7 +0.7 06 06 12.1 +0.2 06 06 15.8
LBNH	Lisbon	81.11	3	P	P	06 05 32.4 -1.7	LUPA ANMO Albuquerque	84.61	31	P	pmax	06 05 52.3 0.0 06 05 56.3	U59A Littleton	88.67	8	P	IAMB	06 06 12.2 -0.1 06 06 16.3
SCIA	State Center	81.16	19	P	P	06 05 35.1 +0.6	ANMO Albuquerque	84.61	31	P	pmax	06 05 52.3 0.0 06 05 56.3	ABTX Abilene, Hawle baz=343	88.67	26	P	P	06 06 13.2 +0.7 06 06 11.8 -0.7
SCIA	State Center	81.16	19	P	P	06 05 35.1 +0.6	ANMO Albuquerque	84.61	31	P	pmax	06 05 52.3 0.0 06 05 56.3	TKL Tuckaleechee C	88.75	13	P	pmax	06 06 13.2 +0.5 06 06 13.2 +0.5
K43A Q24A	Burlington Divide	81.19	15	P	P	06 05 34.3 -0.3 06 05 33.6 -1.8	O56A Blue Knob Stat baz=354	84.72	8	P	P	06 05 53.6 +0.6 06 05 54.0	TKL Tuckaleechee C Taylorsville	88.85	13	P	IAMB	06 06 13.2 +0.5 06 06 13.8 +0.6 06 06 17.1
I63A I63A	Otisfield	81.33	2	P	IAMB	06 05 36.6 +1.2 06 05 37.5	P48A P48A	84.79	13	P	IAMB	06 05 52.5 -0.5 06 05 53.3 0.0 06 05 56.3	V53A Saluda	88.85	12	P	IAMB	06 06 13.6 +0.4 06 06 17.2
L40A	Anamos	81.36	17	P	P	06 05 35.4 -0.2	P49A Miami Univ. Ec baz=35	84.81	13	P	P	06 05 52.3 -1.1	CPCT Cooper Cave	88.85	13	P	IAMB	06 06 13.7 +0.4 06 06 16.9
U15A	North Rim	81.43	35	P	P	06 05 37.6 +1.2	Q44A Meyer Farm, Va Maddies Statio R40A	84.84	19	P	IAMB	06 05 53.7 +0.3 06 05 53.3 -0.3 06 05 56.7	W52A Murphy	89.28	13	P	IAMB	06 06 15.3 0.0 06 06 16.5
BFCSC	Mount Baldy Ra baz=334	81.55	40	P	P	06 05 35.9 -0.9	BLO Bloomington	84.92	14	P	pmax	06 05 53.9 -0.1 06 05 53.9 -0.1	X48A Hartselle	89.47	15	P	IAMB	06 06 16.0 -0.1 06 06 19.5
L42A N35A L44A	Oliver, Polo Tabor Lake County Fo baz=349	81.67 81.70 81.77	16 21 15	P P P	P	06 05 36.7 -0.5 06 05 38.0 +0.6 06 05 36.8 -0.9	BLO Bloomington	84.92	14	P	pmax	06 05 53.9 -0.1 06 05 53.9 -0.1	BG3 Lake Jocassee	89.50	12	P	IAMB	06 06 16.9 +0.6 06 06 20.2
GMRC	Granite Mounta baz=335	81.78	38	P	P	06 05 38.4 +0.3	P52A Corning	85.01	11	P	P	06 05 53.7 -0.8	KMCS Kings Mountain baz=353,SNR=7.0	89.54	11	P	P	06 06 19.6 +0.4 06 06 15.8 -0.6
J59A J59A	Plesco	81.79	5	P	IAMB	06 05 38.8 +0.9 06 05 39.5	P51A Williamsport	85.06	11	P	IAMB	06 05 54.4 -0.3 06 05 57.7	FPAL Fort Payne	89.60	14	P	P	06 06 17.2 +0.4 06 06 16.0 -0.8
BBRC	Big Bear Solar baz=334	81.80	39	P	P	06 05 37.7 -0.6	OLIL Olney	85.12	15	P	P	06 05 55.5 +0.6 06 05 55.1 -0.3	Z41A Richland Creek baz=346	89.62	20	P	P	06 06 17.4 +0.5 06 06 17.7 +0.7
KSCCO	Kaye Shedlock	81.86	26	P	IAMB	06 05 39.0 +0.6 06 05 39.9	S39A Bolivar	85.22	20	P	P	06 05 55.4 -0.2 06 05 57.7 +0.1 06 05 55.6 -0.1	W57A Gilead	89.67	10	P	IAMB	06 06 20.7
KSCCO	Kaye Shedlock	81.86	26	P	IAMB	06 05 39.0 +0.6 06 05 39.9	CCM Cathedral Cave	85.26	18	P	pmax	06 05 55.6 -0.1	X51A Calhoun	89.68	14	P	IAMB	06 06 17.7 +0.6 06 06 20.9
KSCCO	Kaye Shedlock	81.86	26	P	IAMB	06 05 39.0 +0.6 06 05 39.9	CCM Cathedral Cave	85.26	18	P	pmax	06 05 55.6 -0.1	CNNC Cliffs of the CNNC	89.76	8	P	P	06 06 18.3 +0.9 06 06 16.2 -1.3
S22A	4UR Ranch, Cre baz=339,SNR=5.8	81.90	30	P	P	06 05 38.6 -0.2	BNM Barren Site Greenville	85.31	31	P	P	06 05 55.6 -0.1 06 05 55.6 -0.1	BIRD Birdtown, Kers	90.12	10	P	IAMB	06 06 19.6 +0.4 06 06 23.1
MVCO	Mesa Verde	81.91	31	P	IAMB	06 05 39.1 +0.3 06 06 36.5	FVM French Village	85.47	17	P	pmax	06 05 57.5 +1.2 06 05 55.5 -0.8	STKA Stephens Creek	90.23	155	P	P	06 06 17.9 -1.4 06 06 20.6 +0.4
MVCO	Mesa Verde	81.91	31	P	IAMB	06 05 39.1 +0.3 06 06 36.5	FVM French Village	85.47	17	P	pmax	06 05 57.5 +1.2 06 05 55.5 -0.8	HODGE Hodges	90.34	12	P	IAMB	06 06 19.5 -0.1 06 06 23.8
MVCO	Mesa Verde	81.91	31	P	IAMB	06 05 39.1 +0.3 06 06 36.5	FVM French Village	85.47	17	P	pmax	06 05 57.5 +1.2 06 05 55.5 -0.8	JSC Jenkinsville	90.40	11	P	pmax	06 06 17.9 -1.4 06 06 20.6 +0.4
KMBO	Kilima Mbogo	82.07	257	P	pmax	06 05 39.6 -0.3</												

ONTNC	comp=Z,53nm,0.6s	I	Amb	I	Amb	06 49 24.1
ONTNC	Ouen Toro	38.42	117	P	P	06 49 22.5 +0.4
LIFNC	LIFOU	38.68	115	P	P	06 49 24.5 +0.2
LIFNC	LIFOU	38.68	115	P	P	06 49 25.1 +0.8
YATNC	Manie plateau,	38.73	117	P	P	06 49 26.3 +1.5
OUENC	Ouen Island, N	38.80	117	P	P	06 49 25.4 +0.2
OUENC	Ouen Island, S	38.80	117	P	P	06 49 26.2 +0.9
TAU	Tasmania Unive	39.03	160	P	P	06 49 27.5 +0.6
TAU	Tasmania Unive	39.03	160	P	P	06 49 27.1 +0.9
PINNC	Pines Island,	39.39	117	P	P	06 49 31.9 +1.7
PINNC	Pines Island,	39.39	117	P	P	06 49 31.9 +1.7
CM31	Chiang Mai Arr	39.58	310	I	Amb	06 49 32.8 +0.9
CMAR	comp=Z,61nm,1.1s	39.58	310	P	P	06 49 32.8 +0.9
CMAR	comp=Z,19nm,0.6s,baz=140,slow=7.4,SNR=120			P	P	06 51 39.2 +1.9
CMAR	comp=Z,2.0nm,0.3s,baz=154,slow=2.1,SNR=4.9			P	P	06 55 17.8 +0.7
CMAR	comp=Z,2.0nm,0.3s,baz=143,slow=3.0,SNR=5.6			P	P	07 06 53.0
CMAR	comp=Z,287nm,20.4s,baz=172,slow=36			P	P	06 49 32.5 +0.6
CMAR	Chiang Mai Arr	39.58	310	P	P	06 49 31.9 0.0
MARNC	Mare, Loyalty	39.58	115	P	P	06 49 33.0 +1.2
MARNC	Mare, Loyalty	39.58	115	P	P	06 49 33.0 +1.2
CHTO	Chiang Mai	39.79	310	P	P	06 49 34.2 +0.7
CHTO	Chiang Mai	39.79	310	P	P	06 49 34.2 +0.7
CHTO	Chiang Mai	39.79	310	P	P	06 49 34.3 +0.7
CHTO	Chiang Mai	39.79	310	P	P	06 49 34.3 +0.7
CHTO	Chiang Mai	39.79	310	P	P	06 49 34.1 +0.7
CHTO	Chiang Mai	39.79	310	P	P	06 49 35.4
CHTO	Chiang Mai	39.79	310	P	P	06 49 35.2 +1.6
JNU	Nakatsue	39.80	1	P	P	06 49 33.6 +0.2
JNU	Nakatsue	39.80	1	P	P	06 49 33.5 0.0
JNU	Nakatsue	39.80	1	I	Amb	06 50 04.0
GYA	Guiyang	40.08	327	P	P	06 49 36.0 0.0
GYA	Guiyang	40.08	327	P	P	06 50 12.3 +2.3
GYA	Guiyang	40.08	327	P	P	06 55 34.5 +0.8
GYA	Guiyang	40.08	327	P	P	06 58 35.9 -0.6
GYA	comp=Z,23nm,1.1s			P	P	06 49 37.1 +1.3
WHN	Wuhan	40.09	339	P	P	06 49 58.3 0.0
WHN	Wuhan	40.09	339	P	P	06 55 30.3 -4.3
NJ2	Nanjing	40.13	345	P	P	06 49 39.0 +2.9
NJ2	Nanjing	40.13	345	P	P	06 49 56.1 -2.6
NJ2	Nanjing	40.13	345	P	P	06 50 08.3 -1.6
KMI	Kunming	41.36	321	P	P	06 49 48.1 +1.4
KMI	Kunming	41.36	321	P	P	06 50 13.6 +1.0
KMI	Kunming	41.36	321	P	P	06 55 52.6 -1.6
KMI	comp=Z,36nm,0.5s			P	P	06 49 48.1 +1.4
KMI	comp=Z,280nm,5.8s			P	P	06 50 05.4 +0.7
KMI	comp=Z,410nm,15.2s			P	P	06 49 49.8 -0.3
KMI	comp=Z,220nm,16.2s			P	P	06 49 49.8 -0.3
KMI	comp=Z,560nm,21.3s			P	P	06 49 53.8 +0.2
JHS	Saiyo	41.77	4	P	P	06 49 50.4 +0.7
JHS	Saiyo	41.77	4	P	P	06 50 28.9
ENH	Enshi	41.81	333	P	P	06 49 49.8 -0.3
ENH	Enshi	41.81	333	P	P	06 49 49.8 -0.3
JWT	Wachi	42.26	7	P	P	06 49 53.8 +0.2
INU	Inuyama	42.54	9	P	P	06 49 56.4 +0.5
INU	Inuyama	42.54	9	P	P	06 49 59.0 +3.2
JGF	Kuroka	42.84	9	P	P	06 49 57.4 -1.0
TJN	Taejon	43.10	357	P	P	06 50 01.1 +0.8
TJN	Taejon	43.10	357	P	P	06 50 03.9 +3.6
MJAR	Matsushiro Arr	43.90	10	P	P	06 50 05.4 -1.4
MJAR	Matsushiro Arr	43.90	10	P	P	06 55 33.7 -0.2
MJAR	comp=Z,3.6nm,0.8s,baz=164,slow=3.8,SNR=4.6			P	P	06 50 05.8 -1.0
MAJO	Matsushiro	43.90	10	P	P	06 50 05.8 -1.0
MAJO	Matsushiro	43.90	10	P	P	06 50 06.3 -0.5
MAJO	Matsushiro	43.90	10	P	P	06 50 09.5 +2.7
MAJO	Matsushiro	43.90	10	P	P	06 50 05.9 -0.9
MAT	Matsushiro	43.90	10	P	P	06 56 26.4 -4.3
MJB9	Matsu-Tunnel	43.90	10	P	P	06 50 06.1 -0.7
MJB9	Matsu-Tunnel	43.90	10	P	P	06 50 09.0
JYT	Yasato	43.97	12	P	P	06 50 06.2 -1.1
JYT	Yasato	43.97	12	P	P	06 50 08.4
KSAR	Wonju Array Be	44.14	358	P	P	06 50 09.3 +0.7
KSAR	Wonju Array Be	44.14	358	P	P	06 50 09.3 +0.7
KSAR	Korea Array	44.15	358	P	P	06 50 09.7 +1.0
KSR5	comp=Z,5.5nm,0.7s,baz=173,slow=8.7,SNR=22			P	P	06 51 53.1 -0.5
KSR5	comp=Z,4.8nm,0.6s,baz=177,slow=3.2,SNR=8.8			P	P	06 55 34.8 0.0
KSR5	comp=Z,2.8nm,0.8s,baz=182,slow=4.2,SNR=5.8			P	P	07 06 28.7
KS19	Wonju Array Si	45.15	328	P	P	06 50 09.4 +0.3
CD2	Chengdu	45.15	328	P	P	06 50 16.5 +0.4
CD2	Chengdu	45.15	328	P	P	06 56 43.4 -5.7
CD2	comp=Z,60nm,0.7s			P	P	06 50 17.6 -0.3
CD2	comp=Z,890nm,12.9s			P	P	06 50 40.3 -0.8
CD2	comp=Z,720nm,7.9s			P	P	06 51 57.1 +1.0
CD2	comp=Z,860nm,20.1s			P	P	06 56 45.0 -6.0
XAN	Xi'an	45.29	335	P	P	07 00 05.1 +0.4
XAN	Xi'an	45.29	335	P	P	06 50 17.6 -0.3
XAN	Xi'an	45.29	335	P	P	06 50 40.3 -0.8
XAN	Xi'an	45.29	335	P	P	06 51 57.1 +1.0
XAN	Xi'an	45.29	335	P	P	06 56 45.0 -6.0
XAN	Xi'an	45.29	335	P	P	07 00 05.1 +0.4
XAN	comp=Z,65nm,0.8s			P	P	06 50 21.2 +0.4
JMM	Marumori	45.67	12	P	P	06 50 25.6
JMM	Marumori	45.67	12	P	P	06 50 21.2 +0.4
DL2	Dalian	46.20	351	P	P	06 50 24.4 -0.5
DL2	Dalian	46.20	351	P	P	06 57 03.3 -0.4
DL2	Dalian	46.20	351	P	P	06 57 43.9 +1.4
DL2	comp=Z,24nm,0.9s			P	P	06 50 24.4 -0.5
DL2	comp=Z,700nm,10.4s			P	P	06 57 03.3 -0.4
DL2	comp=Z,390nm,13.1s			P	P	06 57 43.9 +1.4
DL2	comp=Z,560nm,16.7s			P	P	06 50 24.4 -0.5
MSVF	Nonsavu	48.14	108	P	P	06 50 40.8 +0.3
MSVF	Nonsavu	48.14	108	P	P	06 50 40.8 +0.3
MSVF	Nonsavu	48.14	108	P	P	06 50 42.3
MSVF	Nonsavu	48.14	108	P	P	06 50 42.0 +1.5
MSVF	Nonsavu	48.14	108	P	P	06 50 42.2 +0.5
MSVF	Nonsavu	48.14	108	P	P	06 50 42.0 +1.5
BJT	Baijiatuu	48.36	346	P	P	06 50 42.2 +0.5
BJT	Baijiatuu	48.36	346	P	P	06 51 05.1
BJT	Baijiatuu	48.36	346	P	P	06 50 42.2 +0.5
BJT	Baijiatuu	48.36	346	P	P	06 51 05.1
BJI	Beijing	48.38	346	P	P	06 50 42.3 +0.5

BJI	Beijing	48.38	346	P	P	06 51 03.6 -1.4
BJI	Beijing	48.38	346	P	P	06 51 15.0 -1.0
BJI	Beijing	48.38	346	P	P	06 57 39.3 +4.7
OUZ	Omahuta	49.00	131	P	P	06 50 48.6 +1.9
OUZ	Omahuta	49.00	131	P	P	06 50 49.3
SHL	Shillong	49.05	313	P	P	06 50 46.9 -0.5
SHL	Shillong	49.05	313	P	P	06 50 46.9 -0.5
SHL	Shillong	49.05	313	P	P	06 50 46.9 -0.5
SHL	Shillong	49.05	313	P	P	06 52 11.4
LZH	Lanzhou	49.26	332	P	P	06 50 49.9 +1.1
LZH	Lanzhou	49.26	332	P	P	06 51 11.8 -0.4
LZH	Lanzhou	49.26	332	P	P	06 51 11.1 +3.9
LZH	Lanzhou	49.26	332	P	P	06 57 44.0 -3.4
LZH	Lanzhou	49.26	332	P	P	06 58 28.9 +2.3
LZH	comp=Z,78nm,1.0s			P	P	06 50 49.9 +1.1
LZH	comp=Z,340nm,4.3s			P	P	06 51 11.8 -0.4
LZH	comp=Z,340nm,13.6s			P	P	06 51 11.1 +3.9
LZH	comp=Z,540nm,14.6s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 58 28.9 +2.3
LZH	comp=Z,2.0nm,1.1s			P	P	06 50 49.9 +1.1
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.8 -0.4
LZH	comp=Z,2.0nm,1.1s			P	P	06 51 11.1 +3.9
LZH	comp=Z,2.0nm,1.1s			P	P	06 57 44.0 -3.4</

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like MAKZ Makanchi, MAZ Magadan, MA2 Magadan, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like MAW Mawson, WBK Wadi Bani Khal, WSAR Wadi Sarin, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like ARU Arti, ANM Nome, ANM Nome, etc.

13d 8h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like 053A New Philadelphia, LONY Lake Ozonia, N54A Moraine State, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWB1 baz=276, EGS baz=252, etc.

2015 DEC

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NDS baz=245, PCYT Pengchayiu, NWRT Kuei-sheng, etc.

692

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PGP Puerto Galera, LUPB Lubang, TGY Tagaytay City, etc.

IDC 13 07:05:21.6, 12.277N, 120.90E, h2km, mb4.2, ML3.1, MS2.8
ISC 13 07:05:22.6:1.0, 12.411N, 120.06E:0.1, h10km, n11,

0.063/13, mb3.5/3, 3C-4Z, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MYLDM Lahad Datu, TOLIZ Tolitoli, KKM Kota Kinabalu, etc.

IDC 13 07:42:27.8:1.6, 5.65N, 123.77E, h590km, 21km, mb3.3/1.0, mb1.3/4.10, mb1mx2.9/46, mbtmp4.3/10, Error ellipse:

s-maj=40.1km s-min=8.2km az=65.0
NEIC 13 07:42:27.2:0.9, 5.7N, 123.6E:0.2, h573km, 10km, mb4.1/23, Error ellipse: s-maj=27.0km s-min=14.5km az=56.0

ISC 13 07:42:28.4:0.5, 5.56N, 123.5E:0.1, h600km, n39, 0.1508/42, mb3.9/21, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WBO Warrunganga Arr, CHTO Chiang Mai, etc.

ASAR Alice Springs 37.96 161 P P 07 12 40.3 +0.4

ASAR Alice Springs 30.76 161 P P 07 47 57.2 +0.4

ASAR Alice Springs 54.26 326 P P 07 50 59.9 +0.6

ASAR Alice Springs 54.26 326 P P 07 50 59.8 +0.5

ASAR Alice Springs 54.26 326 P P 07 50 59.8 +0.5

ASAR Alice Springs 54.26 326 P P 07 50 59.8 +0.5

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ASAR Alice Springs 54.26 326 P P 07 50 59.8 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Estremoz, Porto Moniz, M, Marv???, Castelo Branco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Honshu, Awajishima-nag, Minabe, Kouya, Tanabenakahech, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Lord Howe Isla, Charters Tower, Mount Surprise, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Nuku Hiva Isla, Monobe, Matsuhiro Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DANN Dangsing, KOLN Koldanda, PYUN comp=Z,31nm,0.9s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JNU Nakatsue, JNU, KSRS Korea Arr, etc.

13d 12h

Table with columns: JNG, NSakai, MJAR, Matushiro, etc. Includes station names, coordinates, and various parameters like SNR and error ellipses.

NEIC 13 11:37:55.20.6, 20.55:0.2:177.3W:0.1, h468km, 15km, mb4.0/12, Error ellipse: s-maj=31.9km s-min=7.8km az=145.0

IDC 13 11:37:56.2.18.0, 20.38S:177.33W, h471km, 172km, mb3.1/4, mb1 3.3/4, mb1mx3.0/23, mbtmp3.9/4, Error ellipse: s-maj=169.2km s-min=55.0km az=131.0

ISC 13 11:37:53.5.1.1, 20.55:0.2:177.2W:0.2, h450km, n18, +071/19, mb3.9/10, Fiji Islands region

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

IDC 13 11:45:50.3.5.2, 42.2AS:131.40E, h0km, mb3.4/1, mb1 3.9/3, mb1mx3.3/23, mbtmp3.3/7, ML2.8/2, Error ellipse: s-maj=377.6km s-min=31.5km az=73.0, Banda Sea

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

IDC 13 12:01:39.9.1.1, 10.49S:66.43E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.6/36, mbtmp3.7/8, MS3.4/8, Ms1 3.4/8, ms1mx3.2/33, Error ellipse: s-maj=39.7km s-min=23.3km az=27.0

ISC 13 12:01:42.1.2.1, 10.55S:0.3:66.4E:0.2, h14km, n22, +055/14, mb3.9/13, MS3.5/8, Mid-Indian Ridge

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

NNC 13 12:05:10.8:6.4, 38.67N:73.03E, h0km, mb4.0, mpv3.5, 5C-1D, Error ellipse: s-maj=46.3km s-min=25.3km az=171.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like AAK, IUG, TKM2, etc.

2015 DEC

Table with columns: BRLS, DGS, DGS, KRBS, KRBS, KTBS, KTBS. Lists stations and their coordinates.

KRSC 13 12:07:20.3:2.1, 50.08N:156.01E, h238km, 19km, ML4.0, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Severo-Kuril's, SKR, KDTT, etc.

IDC 13 12:08:29.0.4.9, 30.63S:71.70W, h32km, 38km, mb3.8/4, mb1 3.9/7, mb1mx3.7/27, mbtmp3.9/7, ML4.1/3, Error ellipse: s-maj=39.7km s-min=20.3km az=127.0

GUC 13 12:08:29.0.7, 30.63S:71.61W, h32km, 2km, ML4.1, NEIC 13 12:08:30.2.1.7, 30.61S:0.02:71.6W:0.1, h33km, 6km, Error ellipse: s-maj=16.4km s-min=1.6km az=99.0

ISC 13 12:08:28.8:0.7, 30.62S:0.03:71.70W:0.06, h32km, 4km, n6, r1:18/69, mb4.0/4, 1C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Fray Jorge, Fray Jorge, La Serena, etc.

ISC 13 12:18:28.0:9.5, 43.6S:153.50E, h116km, 64km, mb3.3/2, mb1 3.8/3, mb1mx2.9/43, mbtmp3.9/3, MS2.7/1, Ms1 2.7/1, ms1mx3.6/113, Error ellipse: s-maj=130.2km s-min=59.0km az=122.0, New Ireland region

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

698

Table with columns: TORD, TORD, WRA, H11S2, H11S1, H11S3, KURBS, KURK, ZALV, ZALV. Lists stations and their coordinates.

WEL 13 12:15:49.2:0.6, 33.5S:87.179W:1.8, h268km, 8km, M4.1/24, MB4.8/24, ML4.9/31, ML4.7/23, MW(MB)4.0/24, Error ellipse: s-maj=0.0km s-min=0.0km az=110.8, Error ellipse of Kermadec Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Green Lake, Matakaoa Point, Waiomatatini S, etc.

IDC 13 12:25:02.6:0.9, 55.84N:113.51E, h0km, mb3.7/8, mb1 3.8/12, mb1mx3.4/45, mbtmp3.7/12, ML3.0/4, MS3.2/4, Ms1 3.3/4, ms1mx2.9/41, Error ellipse: s-maj=23.5km s-min=16.1km az=161.0

MOS 13 12:25:02.4:1.2, 55.88N:113.49E, h10km, mb4.1/3, Error ellipse: s-maj=11.5km s-min=8.1km az=57.8

BYKL 13 12:25:03.0:1.5, 55.92N:113.44E, h5km, 2km, ISC 13 12:25:01.8:1.0, 55.90N:102.1134E:0.02, h4km, 7km, n76, +256/136, mb3.8/9, 6C-4D, East of Lake Baykal

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

699

Table with columns for station name, frequency, and signal strength. Includes stations like YOA, KMO, NLYR, YLYR, BOD, NIZ, CRS, SYVR, MXMB, KHNR, CIT, TUP, OGRR, KELR, and TRG.

2015 DEC

Table with columns for station name, frequency, and signal strength. Includes stations like TRG, TYRAN, FOFONOVO, KABANSK, KHURAMSHA, BOLSHOYE, KHAPCHERANGA, LISTVYANKA, IRKUTSK, IVK, TALAYA, ARSHAN, HAILAR, ZAKAMENSK, ZEYA, MOY, and ORLIK.

13d 13h

Table with columns for station name, frequency, and signal strength. Includes stations like ULANBAATAR, SONM, YAK, KNGR, KUL'DUR, ZALV, ZALV, DGZ, TIXI, NRIK, SEY, KURK, MKAR, KURBB, BVAR, BRVK, WHN, CMAR, FINES, ILAR, WRA, WRA, ASAR, DZM, DZM, WRA, ASAR, ILAR, MKAR, ARCES, FINES, CMAR, H08S2, H08S3, H08S1, H01W2, H01W1, MKAR, ASAR, ZALV, NOU, EAF, BUL, and PINNC.

13d 14h

ISC 13 13:07:13.4:1.4, 34.18N:0.09:26.09E:0.04, h54km, 37km, n24, c054/31, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ZKR Zakros, GVD Gavidhos, IMMV Iera Moni Meta, etc.

AKMS 0.2nm, 0.3s AML AML 13 09 28.5

OSCC CSNet OBS 4 5.27 100 P Pn 13 08 30.1 +0.6

NEIC 13 13:35:05.3:1.2, 31.0S:0.1:179.9W:0.2, h366km, 9km, mb4.0/11, Error ellipse: s-maj=26.1km s-min=14.3km az=109.0

IDC 13 13:35:05.7:1.2, 30.97S:179.91W, h382km, 16km, mb2.6/2, hAZ 3.5/5, mb1mx3.221, mbtmp4.2/5, Error ellipse: s-maj=35.0km s-min=16.0km az=131.0

ISC 13 13:35:06.7:0.7, 31.07S:0.07:179.6W:0.1, h400km, n91, c203/103, mb3.8/8, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GLKZ Green Lake, RIZ Raoul Island, RAO Raoul Island, etc.

2015 DEC

ASAR Alice Springs 41.67 268 P P 13 42 17.0 -1.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WR0 Warramunga Arr, WRB2 Warramunga Arr, WRAB Tennant Creek, etc.

FUNY 13 13:44:47.2, 10.68N:70.44W, h2km, MW3.4

ISC 13 13:44:46.7:1.8, 10.68N:70.44W:0.03, h7km, 12km, n22, c1933/40, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CURV Curarigua, TORV Torococo, MONV Montecano, etc.

JMA 13 13:59:48.5, 36.78N:141.36E, h44km, 1km, M3.3

IDC 13 13:59:58.1:4.0, 36.47N:140.67E, h74km, 36km, mb3.1/5, mb1 3.4/5, mb1mx2.8/40, mbtmp3.5/5, Error ellipse: s-maj=39.1km s-min=22.7km az=90.0

ISC 13 13:59:48.1:2.1, 36.80N:0.05:141.41E:0.09, h16km, 10km, n21, c085/22, mb3.6/5, 4C, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ONAJ Iwakimizuishiy, JHO Hitachi, JFH Kawauchi, etc.

700

BEO 13 14:04:36.0:0.6, 41.63N:24.19E, h4km, 2km, ML2.3/8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RZN Rozhen, MMZ Musomiste, NVR Neurokopi, etc.

CFR Carcaliu 4.49 38 Pn Pn 14 05 41.2 -2.0
PLOS Plostina 4.50 22 Pn Pn 14 05 42.3 -1.1

IDC 13 14:10:53.14.5, 15.29Sx176.70W, h0km, mb3.74,
mb1 4.1/4, mb1mx3.8/30, mbmp3.7/4, MS3.3/5, Ms1 3.3/5,
ms1mx3.0/34, Error ellipse: s-maj=376.5km
s-min=26.8km az=151.0, Fiji Islands region

Code Station Name A° AZ° Phase ID Time Res
AFI Afiamalu 4.96 75 Pn Pn 14 11 57.7 -1.1
MSFV Nonsavu 5.59 244 LR LR 14 13 02.8
RAO Raoul Island 13.94 184 LR LR 14 18 39.1

NEIC 13 14:25:41.5, 1.8, 302Sx0.03, 72.29W, 0.05, h3km, 3km,
Error ellipse: s-maj=6.7km s-min=4.7km az=94.0
GUC 13 14:25:44.8, 0.6, 30.32Sx171.96W, h17km, 3km, ML3.9
ISC 13 14:25:42.4, 1.7, 30.31Sx170.07W, 0.07, h6km, 11km,
n42, r122/54, 1C-3D, Off coast of central Chile

Code Station Name A° AZ° Phase ID Time Res
MXZ Matakaoa Point 5.78 190 Op Pn 14 36 29.6 +1.2
WMGZ Waioamatatini S 6.02 189 S Pn 14 36 32.6 +1.6
HAZ Te Kaha 6.06 194 P S Pn 14 36 31.9 +0.4

PXZ Pawanui 8.44 194 P Pn 14 36 57.3 -1.3
PNHZ Pukenui 8.49 198 P Pn 14 36 58.3 -0.8
TSZ Takapari Road 8.69 199 P Pn 14 37 00.3 -1.2

NEIC 13 14:35:42.4, 2.0, 29.66Sx171.97W, 0.06, h10km, 1km,
mb4.3/11, ML4.2(GUC), Error ellipse: s-maj=9.4km
s-min=6.2km az=259.0
IDC 13 14:35:44.7, 0.8, 29.77Sx172.01W, h25km, 4km, mb4.1/5,
mb1 4.1/8, mb1mx3.9/25, mbmp4.2/8, ML3.9/3, MS3.6/3,
Ms1 3.6/3, ms1mx3.2/17, Error ellipse: s-maj=34.9km
s-min=19.2km az=130.0

Code Station Name A° AZ° Phase ID Time Res
CO05 La Serena 0.72 109 Op Pn 14 35 56.6 -0.2
CO05 La Serena 0.72 109 Op Pn 14 35 56.6 -0.2
CO05 Fray Jorge 1.04 162 Op Pn 14 36 01.9 -0.7

GUC 13 14:35:44.5, 0.6, 29.78Sx171.88W, h32km, 6km, ML4.2
ISC 13 14:35:42.8, 0.8, 29.68Sx170.04, 72.02W, 0.05, h15km, 4km,
n87, r124/91, mb4.3/8, 2C-3D, Off coast of central Chile

Code Station Name A° AZ° Phase ID Time Res
CO05 La Serena 0.72 109 Op Pn 14 35 56.6 -0.3
CO05 Fray Jorge 1.04 162 Op Pn 14 36 01.9 -0.7
CO06 Fray Jorge 1.04 162 Op Pn 14 36 01.9 -0.7

Code Station Name A° AZ° Phase ID Time Res
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7

Code Station Name A° AZ° Phase ID Time Res
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7

Code Station Name A° AZ° Phase ID Time Res
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7

Code Station Name A° AZ° Phase ID Time Res
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7

Code Station Name A° AZ° Phase ID Time Res
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7

Code Station Name A° AZ° Phase ID Time Res
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7
G003 Copiap 2.61 37 Pn Pn 14 36 22.8 -1.7

H1S1 WAKE ISLAND Hyt25.75 272 T T 17 13 41.0
H1S5 WAKE ISLAND Hyt25.75 272 T T 17 13 42.7
ZALV Zalesovo Beam 150.50 28 PKPbc PKIKP 14 55 34.3 +0.2

JMA 13 14:43:53.0, 0.6, 47.06Nx153.07E, h30km, M4.5
SKHL 13 14:43:55.8, 0.3, 46.90Nx153.00E, h81km, 4km, mb5.1/7,
mbv5.4/2, msha5.6/8
MOS 13 14:43:56.0, 1.2, 47.04Nx152.81E, h78km, mb4.6/10, Error
ellipse: s-maj=10.8km s-min=6.3km az=56.2

Code Station Name A° AZ° Phase ID Time Res
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5

Code Station Name A° AZ° Phase ID Time Res
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5

Code Station Name A° AZ° Phase ID Time Res
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5

Code Station Name A° AZ° Phase ID Time Res
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5

Code Station Name A° AZ° Phase ID Time Res
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5

Code Station Name A° AZ° Phase ID Time Res
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5

Code Station Name A° AZ° Phase ID Time Res
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5

Code Station Name A° AZ° Phase ID Time Res
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5
KUR Kuril'sk 3.90 245D Pn Pn 14 44 56.2 +3.5

13d 15h

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Petropavlovsk, Asahikawa, Kamakawa, etc.

2015 DEC

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Harding Lake, Eielson Array, Tolsona, etc.

702

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NORARS Array B, EROS Data Set, etc.

DJA 13 15:02:08.0, 0.3, 12'S; 3°11'8"E, h10km, M4.1/14, mb4.2/9, MLV4.0/14, South of Sumbawa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Waikabubak, Plampang, Taliwang, etc.

NNC 13 15:17:20.0, 3.1, 38°74'N; 73°05'E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=23.8km s-min=13.0km az=1.0

IDC 13 15:17:34.9, 37.0, 38°16'N; 75°04'E, h180km, 142km, mb3.5/1, mb1 3/0.3, mb1mx2.7/32, mbtmp3.5/3, ML2.7/2, MS3.1/2, Ms1 3/1.2, ms1mx2.6/25, Error ellipse: s-maj=58.7km s-min=11.4km az=160.0

ISC 13 15:16:7.2C, Tajikistan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IUG, MRKS, AAK, etc.

NEIC 13 15:17:49.1, 1.7, 42'SS; 0-07:129°44'E; 0.10, h10km, 1km, mb4.1/22, Error ellipse: s-maj=16.5km s-min=11.4km az=275.0

DJA 13 15:17:51.0, 0.8, 4'S; 4°12'9"E, h12km, 7km, M4.2/9, mb4.5/3, MLV4.0/9

IDC 13 15:17:51.3, 1.0, 4°18'S; 129°38'E, h26km, 5km, mb3.7/5, mb1 4.0/7, mb1mx3.8/26, mbtmp4.0/7, ML4.4/2, MS2.6/2, Ms1 2.6/2, ms1mx2.5/29, Error ellipse: s-maj=36.0km s-min=18.2km az=74.0

ISC 13 15:17:51.7, 0.5, 418S; 0°05:129°37'E; 0°05, h35km, n62, mb3.9/4, mb4.2/13, Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BNDI, MSAI, etc.

13d 17h

Table with columns: SUDU, SUDU, SUDU, NEHR, VRI, PLO, MLR, MLR, MLR, VTS, COVR, VOIR, ARR, DOPR, AKASG, VRAC, TORO, TORO, TORO. Includes station names, coordinates, and various parameters.

IDC 13 17:03.30.7.0.7.31.040.179.82W, h358km, 7km, mb2.9/2, mb1.3/3, mb1mx2.7/0.9, mbtmp3.9/3, Error ellipse: s-maj=26.4km s-min=13.7km az=127.0, WEL 13 17:06:41.2.38 S:52 x 17.8E:3.2, h14km, 37km, M2.5, M2.8/7, MLV2.5/6, Error ellipse: s-maj=0.1km s-min=0.0km az=174.5

ISC 13 17:03:32.8.0.6.31.30.0.07.179.2W.0.2, h400km, n80, c=253.9/98, mb3.5/3, Kermedec Islands region

Main table listing station names (RAO, MXZ, WMGZ, HAZ, PKGZ, PUZ, RUGZ, RWGZ, TWGZ, OPRZ, CNGZ, MWZ, MWZ, TKGZ, TKGZ, URZG, URZG, RAGZ, RAGZ, RIGZ, RIGZ, RTZ, RTZ, PRGZ, SNGZ, SNGZ, SHANNON, KNZ, KNZ, MHGZ, FAHZ, MTHZ, MTHZ, MTHZ, NMHZ, ARHZ, BKZ, BKZ, MCHZ, TMVZ, TMVZ, NMVZ, NGZ, TUVZ, BHZ, KAHZ, WNVZ, KRHZ, MOVZ, PKVZ, VRZ, PKZ, PNHZ, WPHZ, PRHZ, TSZ, DVHZ, PRWZ, MRZ, TIWZ, CPWZ, HOWZ, TMWZ, ITWZ, TRWZ, STKZ, ASAR, ASAR, ASAR, SNAZ, VNAZ, VNAZ, KURB, BVAR, ARCES, KBZ, FINES, NB2, NOA, HFS, HFS, MMAI, AKASG, AKASG, BRTR, BRTR, BRTR).

2015 DEC

comp=2.0,4nm,0.5s,baz=120,slow=7.2,SNR=5.9 TORO Torodi Arr Bea 161.91 183 PKPab 17 23 39.5 +3.7 comp=2.0,8nm,0.5s,baz=161,slow=3.7,SNR=5.4

PGC 13 17:12:42.5.63.0.48.28N.129.08W, h10km, MLSn3.3/19, Mw3.9/19, Mw3.9/19, 25km Wsw of Tolino, Bc Vancouver Island, Canada Region

IDC 13 17:14:23.2.1.4.48.34N.128.97W, h0km, mb3.7/7, mb1.3/9.11, mb1mx3.1/5.6, mbtmp3.7/11, ML3.4/3, MS3.9/30, Ms1.3/30, ms1mx3.8/4.7, Error ellipse: s-maj=26.7km s-min=17.3km az=44.0

GCMT 13 17:12:46.0.0.4.48.54N.0.04.128.95W.0.04, h21km, 1km, MW4.9/88, Moment Tensor Solution. s15,c17; s88,c105; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=2.20; 19; Mw=0.07; 11; Mw2.13; 13; Mw0.91; 26; Mw0.20; 08; Mw=0.83; 19. Best double couple: Mc2.47500x10^16 NP1=203.00000; 336.00000; -1.59.00000; NP2: 66.345.00000; 858.00000; -12.00000. Principal axes: T 2.2830, P1g10.0000; Azm91.0000; N 0.3800. P1g19.0000; Azm357.0000; P -2.6680, P1g69.0000; Azm208.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface wave location Triangular moment-rate function

ISC 13 17:12:45.7.1.1.48.53N.0.07.128.74W.0.07, h10km, n71, c=150.522, mb3.6/6, MS4.0/20, Vancouver Island region

Main table listing station names (KEMF, NC27, EDB, BPBC, PACB, MAYB, HOLB, WOSB, GDR, OZB, BTB, BTB, PBC, TFCB, NCRB, CBB, B927, B927, MGB, B926, CLRS, NLLB, SHB, GOBB, BBB, BBB, BBB, BBB, WBP, WSLR, BUTB, LLLB, SLEB, MNB, NEW, YBH, WALA, DLBK, ELKO, NVAR, PDAR, YKA, YKA, PFO, ILAR, ILAR, INK, ANMO, ANMO, ULM, ULM, SCHG, PETK, H1N2, H1N1, H1N1, H1N1, H1S2, H1S3, ARCES, ARCES, ROSC, USRK, MJAR, NOA, TLY, KRSR, SONM, SONM, KIRV, ZALV, ARU, BRG, BRG, GUMO, GERES, GERES, GERES, KURRB, KURRB, AKASG, AKASG).

706

MKAR Makanchi Array 81.29 339.41 LR 18 05 04.5 comp=2.80nm,18.9s,baz=16,slow=39 LPAZ La Paz 83.97 123 LR 18 04 04.7 comp=2.58nm,20.8s,baz=42,slow=37 CPUP Villa Florida 98.01 121 LR 18 16 55.3 comp=2.38nm,18.6s,baz=34,slow=39

IDC 13 17:18:23.0.8.6.20.56S.173.68W, h524km, 26km, mb3.5/5, mb1.3/5.7, mb1mx3.1/3.5, mbtmp4.4/7, Error ellipse: s-maj=151.3km s-min=50.5km az=103.0 ISC 13 17:15:8.6.5.2.1.0S.0.3x177.8W.0.7, h500km, n7, c=659.97, mb4.0/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF, DZM, CTA, STKA, ASAR, WRA, SJUI.

IDC 13 17:21:38.4.1.4.8.00S.126.01E, h0km, mb3.8/3, mb1.4/1.5, mb1mx3.5/3.4, mbtmp3.9/5, ML4.0/2, MS2.2/1, Ms1.2.2/1, ms1mx2.0/2.9, Error ellipse: s-maj=47.6km s-min=23.3km az=64.0

DJA 13 17:21:42.9.2.8.2.12'E.6.1, h10km, M4.1/14, mb4.2/12.8, MB4.7/4, MLV4.1/14, Mw(mb)4.0/4 ISC 13 17:21:44.7.0.8.8.22S.0.07.125.83E.0.07, h35km, n35, c=1537/36, mb3.7/3, Timor region

Main table listing station names (SOE, BATI, BATI, BATI, BATI, BASI, BSSI, MSAI, SANI, DRS, MTN, LBMI, KNRA, PLAI, PLAI, TWSI, WRA, WRA, WRA, QIS, OOD, MUL, INKA, LCRK, QLP, STKA, HMT, CMAR, MKAR).

SJA 13 17:31:03.8.0.7.30.52S.72.39W, h1km, ML5.0, MW4.6 IDC 13 17:31:06.7.0.6.30.68S.71.97W, h0km, mb4.5/6, mb1.4/6.9, mb1mx4.4/2.6, mbtmp4.5/9, ML4.1/3, MS3.9/15, Ms1.3.9/15, ms1mx3.8/2.5, Error ellipse: s-maj=24.4km s-min=18.5km az=127.0

GUC 13 17:31:06.4.0.7.30.59S.72.13W, h10km, 4km, ML5.2, MW4.8 NEIC 13 17:31:07.2.7.30.56S.0.05.72.08W.0.04, h10km, 1km, mb4.8/15, Mw4.8/15, Mw4.8(GUC), Error ellipse: s-maj=7.9km s-min=6.5km az=170.0

NEIC 13 17:31:07.7.30.56S.72.09W, h0km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=2.4; Mw=0.75; Mw=8.98; Mw2.31; Mw=0.89; Mw=4.02; Fault plane solution: Ms9.84000x10^15 NP1=169.29000; 558.97000; 1.72.16000; NP2=21.26000; 535.35000; 1.116.98000. Principal axes: T 9.7928, P1g70.0000; Azm39.0000; N 0.0984, P1g15.0000; Azm179.0000; P -8.9913, P1g12.0000; Azm272.0000

VAO 13 17:31:08.6.0.4.30.80S.102.72E, h10km, mb4.7 ISC 13 17:31:06.1.1.0.30.82S.0.02.72.10W.0.04, h3km, 5km, n219, c143/231, mb4.8/12, MS4.2/13, 8C-5D, Off coast of central Chile

Main table listing station names (Code, Station Name, Az, Az', Phase ID, Time, Res, ISC). Includes stations like CO06, CO06, CO05, CO05, CO05, CO04, CO03, CO03, CO03, CO03, LCO, LCO, LCO, LCO, AROD, AROD, VA01, VA01, VA03, VA03.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like San Esteban, El Roble, Cuesta del Vie, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Pontes e Lacer, Tuber-SC, Pampa, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Osenovka, Ala-Archa, Chumysh, etc.

BGR 13:20:09.07.9.0.0.37.34N:75.16E, h16km, mb5.0, Ms3.6
 SOME 13:20:09.10.28.38.30N:72.23E, h15km, MS4.2
 IDC 13:20:09.17.5.0.5.38.17N:73.06E, h0km, mb4.3/3.3,
 mb1.4,4/1,mb1mx4.3/62,mbtmp4.3/41,ML3.7/8,MS3.5/25,
 Ms1.5/25,ms1mx3.4/49,Error ellipse: s-maj=10.6km
 s-min=9.3km az=16.0
 MOS 13:20:09.17.6.1.4.38.25N:72.98E, h10km, mb4.8/30, Error
 ellipse: s-maj=5.9km s-min=4.0km az=88.0
 BUI 13:20:09.18.4.0.0.38.24N:72.89E, h8km, mb4.9/30,
 mb4.5/49,ML4.5/5,MS4.3/33,MS7.4/37
 NEIC 13:20:09.19.6.3.0.38.32N:0.05:73.02E,0.07,h10km,1km,
 mb4.8/34, Error ellipse: s-maj=10.4km s-min=8.3km
 az=120.0
 NNC 13:20:09.20.2.2.2.38.49N:72.69E, h0km, mb5.0, mpv4.6,
 Error ellipse: s-maj=19.1km s-min=12.3km az=158.0
 ISC 13:20:09.19.2.0.3.38.21N:0.003:72.95E,0.03,h10km,n382,
 e=27/399,mb4.6/93,MS3.7/27,45C-24D,Tajikistan

Code	Station Name	A°	AZ°	Phase ID	Time	Res
DRK	Karamyk	1.55	325	Op	Pn	
GAR	Garm	2.21	292	Pn	Pn	
BTk	Batken	2.48	319	PN	Pn	
BTK	Batken	2.48	319	Pn	Pn	
KSH	Kashi	2.70	60	Pg	Pn	
KSH				Sg	Sn	
KSH				smax	smax	
CHGR	Chuyansaron	3.01	280	Pn	Pn	
AML	Almayashu	3.96	8	P	Pn	
AML	Almayashu	3.96	8	i Pn	Pn	
UCH	Uchtor	4.19	16	P	Pn	
CEP	Cherat	4.46	191	P	Pb	
EKS2	Erkin-Say	4.49	8	P	Pn	
IUG	Iuzhnay	4.52	331	eP	Pn	
IUG				eS	Sn	
IUG	Iuzhnay	4.52	331	ePg	Pb	
IUG	Iuzhnay	4.52	331	Pg	Pn	
MRKS	Merke	4.54	3	eP	Pb	
MRKS				eS	Sb	
MRKS	Merke	4.54	3	Pg	Pn	
MRKS				Lg	Lg	
NIL	Nilore	4.55	177	PN	Pb	
NIL				Pb	Pb	
AAK	Ala-Archa	4.58	14	PN	Pn	
AAK				Sn	Sn	
AAK				LR	LR	
AAK	Ala-Archa	4.58	14	Pn	Pn	
AAK	Ala-Archa	4.58	14	iPN	Pn	
AAK				pmax	pmax	
AAK	Ala-Archa	4.58	14	iPn	Pn	
AAK				iPg	Pb	
AAK				iLg	Lg	
AAK	Ala-Archa	4.58	14	PN	Pn	
AAK	Karagaybulak	4.70	18	Pn	Pn	
ULHL	Ulahol	4.76	31	P	Pn	
FRU1	Bishkek	4.77	15	PN	Pn	
FRU1	Bishkek	4.77	15	Pn	Pn	
DZA	Taraz	4.84	346	eP	Pn	
DZA				eS	Sb	
DZA	Taraz	4.84	346	Pg	Pn	
DZA				Lg	Lg	
BOOM	Boomsokoye usch	4.85	27	PN	Pn	
BOOM	Boomsokoye usch	4.85	27	Pn	Pn	
CHMS	Chumysh	4.98	15	PN	Pn	
KDJ	Kajisay	5.08	38	PN	Pn	
KDJ	Kajisay	5.08	38	Pn	Pn	
TKM2	Tokmak 2	5.12	22	PN	Pn	
TKM2	Tokmak 2	5.12	22	iPn	Pn	
TKM2				iPg	Pb	
TKM2				iLg	Lg	
TARG	Taragay, Kyrgy	5.13	45	PN	Pn	
OSP	Ospenovka	5.19	13	P	Pn	
KKAR	Karatay Array	5.23	340	PN	Pn	
KK08	Karatay Array	5.24	340	iPN	Pn	
KK08				iLg	Lg	
KST	Kastek	5.35	24	eP	Pb	
KST				eS	Sb	
KST	Kastek	5.35	24	Pg	Pn	
KST				Lg	Lg	
BRLS	Borolday	5.37	335	eP	Pn	
BRLS				eS	Sn	
BRLS	Borolday	5.37	335	ePn	Pn	
BRLS				ePg	Pb	
BRLS	Borolday	5.37	335	ePN	Pn	
BRLS				eP	Pn	
BRLS	Borolday	5.37	335	Pg	Pn	
BRLS				Lg	Lg	
SGDS	SGodiny	5.39	13	ePg	Pb	
SGDS				eP	Pn	
SGDS	SGodiny	5.39	13	Pg	Pb	
SGDS				Lg	Lg	
DGS	Degeres	5.47	22	eP	Pb	
DGS				eS	Sb	
DGS	Degeres	5.47	22	eP	Pn	
DGS				Lg	Lg	
THW	Thame Wail	5.49	191	P	Pn	
MTBS	Maitube	5.58	27	eP	Pn	
MTBS				eS	Sg	
MTBS	Maitube	5.58	27	Pg	Pn	
MTBS				Lg	Lg	
MTBS	Maitube	5.58	27	Pg	Pn	
MTBS				Lg	Lg	
TNSS	Tian-Shan	5.70	31	eP	Pn	
TNSS				eS	Pb	

TNSS	Tian-Shan	5.70	31	ePn	Pn	
TNSS				ePg	Pb	
TNSS	Tian-Shan	5.70	31	Pg	Pb	
TNSS				Lg	Lg	
TNSS	Tian-Shan	5.70	31	Pg	Pb	
TNSS				Lg	Lg	
JMU	Jammu	5.71	163	eP	Sn	
JMU				eS	Pb	
MDOk	Medeo	5.85	31	eP	Pb	
MDOk				eS	Sg	
MDOk	Medeo	5.85	31	ePg	Pb	
MDOk				ePn	Pn	
MDOk	Medeo	5.85	31	iPn	Pn	
MDOk				iPg	Pb	
MDOk	Medeo	5.85	31	Pg	Pb	
MDOk				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS				Lg	Lg	
KRBS	Karabastau	5.86	20	eP	Pb	
KRBS				eS	Sb	
KRBS	Karabastau	5.86	20	Pg	Pb	
KRBS</						

13d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBZ, Khabaz, Gofitskoye, Kislodovsk Arr, etc.

2015 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MNK, VRI, TESR, WHN, etc.

710

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CLL, Collm, TIXI, etc.

14d 0h

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM Songino Array, SONM Songino Array, MK31 Makanchi Array, etc.

JMA 13 23:20:02.7-0.1, 26.67N;127.77E, h47km,2km, M3.4
JMA Feit 1 J1
NEIC 13 23:20:03.0-1.7, 26.68N;128.04E;0.08, h64km,5km,
mb4.2/20, Error ellipse: s-maj=11.5km s-min=10.6km
az=153.0

IDC 13 23:20:12.9-8.8, 26.58N;127.46E, h140km,82km,
mb3.4/14, mb1 3.6/14, mb1mx3.3/36, mbtmp3.8/14, MS2.4/1,
Ms1 2.4/1, ms1mx2.2/25, Error ellipse: s-maj=36.0km
s-min=15.5km az=65.0

ISC 13 23:20:19.0-7.0, 26.85N;127.85E;0.04, h54km,6km,
n53, r1543/62, mb4.1/24, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JNTH Nagatoyohara, JNTH Iheya, JIH Kunigami, etc.

ULN Ulanbaatar 26.73 328 P P 23 25 34.3 -2.1
SONM Songino Array 27.02 327 P P 23 25 41.0 +2.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR Eielson Array, GLI Glacier Island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR Eielson Array, GLI Glacier Island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR Eielson Array, GLI Glacier Island, etc.

2015 DEC

Ms1 3.2/4, ms1mx2.7/47, Error ellipse: s-maj=26.1km
s-min=16.7km az=72.0
NEIC 14 00:14:03.0-5.1, 19.84N;103.121;4E;0.2, h38km,12km,
mb4.0/7, Error ellipse: s-maj=20.6km s-min=3.7km
az=88.0

ISC 14 00:14:03.0-0.8, 19.86N;108.121;2E;0.1, h35km, n29,
r1507/31, mb3.9/15, MS3.4/3, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, TPUB Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, TPUB Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, TPUB Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, TPUB Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, TPUB Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, TPUB Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, TPUB Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, TPUB Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, TPUB Ta-pu, etc.

IDC 14 00:13:57.6-0.8, 19.76N;121.22E, h0km, mb3.7/12,
mb1 4.0/14, mb1mx3.8/44, mbtmp3.9/14, ML4.3/2, MS3.1/4,

714

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GNL Ganaly, DALK Dalny, etc.

IDC 14 00:39:13.2-1.4, 4.13S; 129.84E, h0km, mb3.7/2,
mb1 3.5/6, mb1mx3.3/39, mbtmp3.4/6, ML2.9/4, MS3.4/1,
Ms1 3.4/1, ms1mx2.5/34, Error ellipse: s-maj=49.3km
s-min=20.6km az=87.0

DJA 14 00:39:17.3-0.9, 4.56S; 129.9E, h141km,6km, M3.5/7,
ML3.5/7

ISC 14 00:39:18.4-0.9, 4.10S;0.07;129.52E;0.06, h36km, n11,
r178/14, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, etc.

IDC 14 00:13:57.6-0.8, 19.76N;121.22E, h0km, mb3.7/12,
mb1 4.0/14, mb1mx3.8/44, mbtmp3.9/14, ML4.3/2, MS3.1/4,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DION Dionis Attik, KLV Kalavryta, VAE Valguarnera, etc.

IDC 14 00:43:53.5±2.2, 8.17'S, 128.81'E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.2/34, mb1mp3.4/2, ML3.4/3, Error ellipse: s-maj=67.9km s-min=26.0km az=77.0, Timor Sea

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

NEIC 14 00:50:53.6±2.5, 7.41'S, 0.06°E, 103.41'E, h0km, mb3.4/1, mb4.5/16, Error ellipse: s-maj=12.5km s-min=5.8km az=214.0

IDC 14 00:50:53.8±1.1, 7.09'S, 103.59'E, h0km, mb4.0/13, mb1 4.1/14, mb1mx3.9/38, mb1mp4.1/14, ML3.9/1, MS3.0/5, MS1 3.0/5, ms1mx3.7/43, Error ellipse: s-maj=38.3km s-min=13.6km az=43.0

DJA 14 00:50:56.9±0.3, 7.3°S, 101.4°E, h45km, M4.7/18, mb5.2/3, mb5.5/1, MLv4.5/18, Mw(mb)5.0/13

ISC 14 00:50:54.1±0.5, 7.29'S, 106.03°E, h10km, n70, s±29.9/33, mb4.3/18, MS2.9/3, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KASI Kota Agung, CGJI Cibinong, LKLI Lihwa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM Songoing Array, GAR Garm, BOOM Boomcoke ushs, etc.

IDC 14 01:10:05.6±2.3, 3.99'N, 127.25'E, h0km, mb3.5/2, mb1 3.7/2, mb1mx2.9/37, mb1mp3.5/2, Error ellipse: s-maj=171.1km s-min=28.2km az=66.0, Talaud Islands

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

IDC 14 01:11:32.6±0.9, 4.7°N, 153.87'E, h0km, mb3.8/16, mb1 3.9/17, mb1mx3.8/39, mb1mp3.8/17, ML2.2/1, MS3.3/5, MS1 3.3/5, ms1mx3.0/51, Error ellipse: s-maj=24.2km s-min=17.8km az=128.0

NEIC 14 01:11:41.8±1.5, 4.7°N, 153.87'E, h56km, 11km, mb4.3/11, Error ellipse: s-maj=26.8km s-min=12.4km az=141.0

ISC 14 01:11:37.3±0.9, 4.71°N, 153.90°E, h27km, m52, s±1920/41, mb4.1/23, Kuril Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRTR Keskin Array, H03N2 Juan Fernandez, H03N1 Juan Fernandez, etc.

IDC 14 01:26:16.6±1.6, 36.63°N, 140.81'E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.1/45, mb1mp3.7/5, ML2.6/1, Error ellipse: s-maj=35.7km s-min=22.7km az=64.0

NEIC 14 01:26:20.6, 36.68°N, 140.65'E, h11km, MW3.5, Moment Tensor Solution, s3 Moment tensor, Scale 10^14Nm; Mn=1.89; Mo=4.4; Mw=1.45; Mo=0.74; Mo=0.70; Mo=0.24; Fault plane solution: M2, 0.000000x10^14 NP1: 0.319 0.00000; 0.55 0.00000; -1.106 0.00000; NP2: 0.166 0.00000; 0.38 0.00000; -1.63 0.00000; JMA 14 01:26:20.6, 36.68°N, 140.65'E, h11km, 1km, M3.6 Broadband fault plane solution: P waves, NP1: 0.166 0.00000; 0.31 0.00000; -1.67 0.00000; NP2: 0.319 0.00000; 0.62 0.00000; -1.103 0.00000; Principal axes: T P1g16.00000; Azm59.00000; N P1g12.00000; Azm326.00000; P P1g70.00000; Azm201.00000;

JMA Felt II, ISC 14 01:26:19.6±1.0, 36.68°N, 140.66°E, h17km, 5km, n24, 0.959/21, mb3.7/4, 8C, 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 JHO Hitachi, JHO Hitachi, JHYU Hitachinakayama, etc.

NEIC 14 01:34:00.6±2.6, 4.06°S, 129.54°E, h10km, 1km, mb5.2/98, Error ellipse: s-maj=10.6km s-min=9.2km az=95.0

GCMT 14 01:34:00.6±0.2, 4.08°S, 129.52°E, h12km, MW5.0/123, Moment Tensor Solution, s58, c79; s123, c189; Duration: 0 Moment tensor, Scale 10^16Nm; Mn=4.25; Mo=4.28; Mo=0.22; Mo=0.89; Mo=2.6; Mw=0.71; Mo=0.35; Mo=0.34; Best double couple; M4, 4.2800x10^16 NP1: 0.73 0.00000; 0.64 0.00000; 1.100 0.00000; NP2: 0.273 0.00000; 0.51 0.00000; 1.82 0.00000; Principal axes: T 4.3830, P1g2.00000; Azm138.00000; N 0.0880, P1g6.00000; Azm278.00000; P -4.4740, P1g5.00000; Azm0.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 14 01:34:00.4±0.3, 4.13°S, 129.40°E, h33km, mb5.3/48, MS4.3/4, Error ellipse: s-maj=12.6km s-min=5.6km az=117.0

IDC 14 01:34:03.0±2.5, 4.15°S, 129.49°E, h33km, 18km, mb4.6/27, mb1 4.7/32, mb1mx4.5/39, mb1mp4.8/32, ML4.1/5, MS4.3/8, MS1 4.3/8, ms1mx3.8/42, Error ellipse: s-maj=16.2km s-min=10.0km az=77.0

DJA 14 01:34:05.0±0.2, 4.2°S, 131.0°E, h43km, 2km, M5.0/67, mb5.5/53, mb5.1/67, MLv5.2/14, Mw(mb)5.0/53, Mw(mb)5.0/13, Mw(mb)5.0/13

KLM 14 01:34:07.4±0.5, 129.52°E, h49km, mb5.2, Error ellipse: s-maj=14.0km s-min=12.5km az=129.54, h36km, n477, ISC 14 01:34:07.6±0.2, 4.14°S, 129.54°E, h129.54, 0.04, h36km, n477, c1873/481, mb5.1/121, MS4.5/13, 90C-24D, Fault plane solution: NP1: 0.81 0.33987; 0.86 12.7877; 1.75 0.5167; NP2: 0.280 13095; 0.55 27509; -1.106 6343; Principal axes: T P1g7.8875; Azm225.3529; N P1g8.7477; Azm94.0090; P P1g9.6912; Azm2.5032; Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BNDI Bandansaira, MSAI Masohi, AAI Ambon, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VORD Divnogorie, EGAK Eagle, VSR Storozhevoje, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SOKA Soboth, MOA Molin, GERES GERESS Array B, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like P52A Corning, DBIC Dimbokro, O53A New Philadelphia, etc.

Additional information and notes at the bottom right, including a code table and a specific station report: IDC 14 02:05:25.4t.1.4.19S:129.46E, h0km, mb3.9/5, ...

Table with station names and coordinates: ASAR 0.0nm,0.3s,baz=351,slow=23,SNR=1.5, ASAR 0.2nm,0.3s,baz=7.4,slow=1.7,SNR=6.5, CMAR Chiang Mai Arr 37.55 308 P, MKAR Makanchi Array 65.58 326 P, ZALV Zalesovo Beam 68.82 334 P

IDC 14 02:42:41.1±43.0,58.06S:148.16E,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.5/19,mbtmp3.7/3,MS3.4/1,Ms1 3.4/1,ms1mx2.8/21,Error ellipse: s-maj=756.4km s-min=245.2km az=149.0,West of Macquarie Island

Table with station names and coordinates: STKA Stephens Creek 26.56 347 P, URZ Urewera 27.32 56 LR, H01W Cape Leeuwin H 32.37 301 T, H01W2 Cape Leeuwin H 32.37 301 T, H01W3 Cape Leeuwin H 32.39 301 T, ASAR Alice Springs 35.85 337 P, WRA Warrunganga Arr 39.39 339 P

RSNC 14 02:55:35.4±0.6,12.01N:72.82W,h31km,8km,ML3.5,1C, Near north coast of Colombia

Large table listing stations in Colombia: URIC Uribia, Colomb 0.86 111 i, URIC Cerrejon, Guaj 0.98 184 i, CVALL Valledupar, Ce 1.55 196 e, SMRC Santa Marta, M 1.62 239 e, LL6C La Loma 6 Bese 2.30 191 e, ARGC Ariguana, Magd 2.56 213 e, SJCC San Jacinto, C 1.33 228 e, SMLC San Martin de 3.42 201 e, SDV Santo Domingo, S 3.77 145 e, OCAC Ocana 3.78 188 e, SOCV Socops 4.17 152 e, PAMC Pamplona, Colo 4.64 179 e, ZARC Zaragoza, Cauc 4.92 204 e, BRRC Barranca, Sant 4.95 190 e, BARC Barichara 5.39 184 e, PTBC PUERTO BERRIO, 5.67 197 e, ELOV Elorza 5.96 146 e, RUSC La Rusia 6.08 183 e, HELC Santa Helena 6.37 205 e, SPBC San Pablo de B 6.44 191 e, NORC Norcasia 6.72 198 e, CBOC Ciudad Bolivar 6.87 208 e, GUY2C Guayana, Caldas 7.20 201 e, PLMC San Jos del P 7.85 206 e, ANIL Santa Ana 7.90 199 e, ORTC Ortega, Tolima 8.40 197 e, PRAC Prado 8.49 194 e

KMA 14 03:07:50.2±0.8,36.57N:128.55E,h0km,2km, Error ellipse: s-maj=14.9km s-min=1.1km az=17.0, South Korea

Table listing stations in South Korea: KSSAJ Sangju 0.35 242 P, YOCB Yeongcheon 0.68 151 P, KSVOC Yeongcheon 0.69 151 P, KSDAG Daegu 0.85 160 P, SMKB Mukjeong-gil 1.84 242 P

KMA 14 03:08:59.9±0.5,35.15N:126.59E,h0km, Error ellipse: s-maj=7.0km s-min=2.5km az=145.0, South Korea

Table listing stations in South Korea: GOCB Gochang-gun 0.20 2 P, KJSJU Jeongeup 0.45 39 P, ANMD Anmdo 0.50 294 P, SMKB Mukjeong-gil 0.54 357 P, KSJEO Jeonju 0.98 36 P, KSJEO Jeonju 0.98 36 P, HU2K Heuksan-myeon 1.04 244 P

HLW 14 03:15:01.0,36.27N:28.37E,h25km,12km,ML3,4 ISK 14 03:15:01.6,36.46N:28.40E,h57km,1km,ML2,7/13 DDA 14 03:15:01.3,36.44N:28.37E,h55km,1km,ML2,4 NIC 14 03:15:02.5,0.36,14N:28.57E,h23km,1km,ML3,3/3 ISC 14 03:15:01.5,1.2,36.38N:0.04,28.44E,0.04,h48km,11km, n53,±172/69,Dodecanese Islands

Large table listing stations in the Dodecanese Islands: ARG Arkhangelos 0.30 237 PG, TURN Turunc 0.42 339 i, DALY Dalyan (Mula) 0.47 22 PG, FETY Fethiye 0.58 64 PG, MULA Mugla, Merkez- 0.88 354 i, CAME Cameli-Denizli 0.90 51 PG, KSL Kastellorizon 0.95 104 P, AKAS Kas 0.95 98 i, CAEL Denizli, Camel 1.03 43 i, BDRM Kayabasi 1.05 311 P, MIBS Milas 1.06 330 PG, BODS Bodrum 1.13 307 PG, TAVA DENIZLI Tavass 1.15 19 i, ELL Elmali 1.24 72 P, GOLH Golhisar 1.24 46 P, AYDN Tasoluk 1.35 341 i, DDIM Aydin, Didim 1.44 319 i, AKUM Antalya-Kumlu 1.54 92 i, AYDB Zeytinlik-Aydi 1.62 345 PN, GCAM G?zelcami? 1.63 324 i, GCAM G?zelcami? 1.63 324 PN, KORT Korkuteli 1.66 67 PN, BRDR BURDUR-Merkez 1.85 44 i, BUCB Burdur, Bucak- 1.95 60 P, DGB zmir 2.08 324 i, PASA Karahalli, US 2.14 23 P, KULA Kula-Manisa 2.14 5 PN, ZKR Zakros 2.20 236 P, KZIL AFYON Kizioron 2.31 35 P, USAK Uak-Merkez 2.38 11 i, ZEVE Izmir, Urla-Ze 2.41 321 i, URLA Antalya-Kepez 2.46 324 i, AKHS Akhisar 2.54 349 i, KEPZ Antalya-Kepez 2.60 77 i, DEMI Demirci 2.67 5 i, ZEDA zmir-Bergama 2.80 338 i, SEDI Konya, Seydis 2.87 67 i, YKVC Isparta, Yalva 2.92 49 i, AKMS Akamas 3.45 112 P, ALFC Alefka 3.60 109 P, OSCI CSNet OBS 1 3.70 140 P, NATA Nata 3.73 114 P, CSS Mathiatis 4.23 108 P, ASGA Asgata 4.23 111 P, HSFA As Saff 4.23 111 P, GLL Jalalah 7.32 157 P, RYAN Fayoum 7.44 167 P, SUZ Suez 7.49 149 P, SWAZ 7.54 200 P, NBNS Bani Suef 8.01 162 P, NBNS 8.01 162 P, NBNS 8.01 162 P

IDC 14 03:22:00.1±1.6,4.11S:129.44E,h0km,mb3.5/1, mb1 3.3/4,mb1mx3.2/32,mbtmp3.2/4,ML2.9/2, Error ellipse: s-maj=57.8km s-min=28.1km az=82.0, Banda Sea

Table listing stations in Banda Sea: SIJI Sorong 3.70 30 P, WRA Warrunganga Arr 16.44 16 P, ASAR Alice Springs 19.85 168 P, MKAR Makanchi Array 65.52 326 P

IDC 14 03:44:52.2±1.1,1.94N:127.17E,h0km,mb4.0/6, mb1 4.1/7,mb1mx3.7/37,mbtmp4.0/7,ML3.9/1, Error ellipse: s-maj=92.0km s-min=16.0km az=69.0 DJA 14 03:45:04.7±1.2,N4.4x12.17E,±h28km,15km,M4.0/11, mb4.0/2,MLV4.0/11 NEIC 14 03:45:05.7±1.7,1.8N:0.1:126.93E:0.10,h106km,8km, mb4.2/17, Error ellipse: s-maj=18.3km s-min=10.8km az=221.0

ISC 14 03:45:04.1±0.7,1.92N:0.07:127.02E:0.07,h100km,n35, 1135/39,mb4.2/15,Malafra

Table listing stations in Malafra: TNTI Ternate 1.19 163 P, SGSI Sangihe 1.21 163 P, LBMI Labuha 2.58 169 P, KMSI Cibirong 3.32 246 P, SANI Sanana 4.07 195 P, CTOI Gorontalo 4.21 252 P, TOLIZ Tolitoli 6.29 283 P, FAKI Fak Fak 7.10 133 P, MPST Mapuga 7.29 258 P, KNRA Kunurra 17.56 174 P, FITZ Fitzroy Crossi 19.93 184 P, COEN Coen 22.47 135 P, WBO Warrunganga Arr 22.73 162 P, WRAB Tennant Creek 22.87 162 P, WRA Warrunganga Arr 22.88 162 P, WRA Warrunganga Arr 22.88 162 P, WR0 Warrunganga Arr 22.96 162 P, PSA00 Pilbara Seismic 24.38 196 P, ASAR Alice Springs 26.30 166 P, MORW Morawa 32.56 198 P, BBOO Buckleboob 35.58 167 P, STKA Stephens Creek 36.34 159 P, STKA Stephens Creek 36.34 159 P, ARMA Armidale 39.80 146 P, SONM Songino Array 49.10 342 P, SONM Songino Array 49.10 342 P, MK31 Makanchi Array 59.21 326 P, MKAR Makanchi Array 59.21 326 P, MKAR Makanchi Array 59.21 326 P, KURBB Kurchatov Arr 63.42 328 P, KURK Kurchatov 63.42 328 P, ABKAR Akhbar array 73.73 321 P, VNSA Vanda 81.60 173 P

GCG 14 04:04:25.7±0.5,13.21N:90.79W,h16km,8km,MD3.5 SNET 14 04:04:25.0±1.2,13.21N:90.68W,h12km,14km,ML3.2 ISC 14 04:04:25.4±2.9,13.2N:0.1:90.70W:0.10,h24km,n22, ±0.56/25,Near coast of Guatemala

Table listing stations in Guatemala: PCG Pacaya 1.24 4 eP, CEVE Cerro Verde 1.24 57 i, SLOZ Alcala de Sa 1.25 46 i, SBLS San Blas 1.25 57 i, RTR El Retiro 1.27 54 eP, SNJE San Jose 1.28 56 eP, FUG Fuego 3 1.30 354 eP, JAYA Jayaque - finc 1.31 67 eS, LALI Alcala de L 1.38 76 eP, CEDA San Andres 1.43 63 eS, NBG Las Nubes 1.47 13 eP, BOQS Boqueron 1.50 67 eP, UEES Universidad Ev 1.53 68 IAML, TACO Tacachico 1.54 58 eP, LFRS El Farco 1.66 77 eP, SJTE Alcala de S 1.71 74 eP, STG3 Santiaguillo 3 1.77 331 eP, MTO3 Montercito 1.80 46 iP, PAVA Las Pavas 1.80 72 eP, COEG Centro de Oper 1.83 75 eP, ESQI Esquiulas 1.92 43 eP, SCLA Alcala de Sa 1.99 74 eP

IDC 14 05:20:36.0±4.7,4.20S:129.32E,h0km,mb3.5/1, mb1 3.3/3,mb1mx3.3/22,mbtmp3.2/3,ML2.9/2, Error ellipse: s-maj=435.3km s-min=32.2km az=69.0, Banda Sea

Table listing stations in Banda Sea: WRA Warrunganga Arr 16.39 163 P, ASAR Alice Springs 19.85 168 P, MKAR Makanchi Array 65.53 326 P

IDC 14 06:01:36.2±1.0,35.41N:133.86E,h0km,mb3.6/5, mb1 3.7/9,mb1mx3.4/45,mbtmp3.6/9,ML3.0/4,MS3.1/9, Ms1 3.1/9,ms1mx3.0/44, Error ellipse: s-maj=20.5km s-min=15.2km az=136.0 JMA 14 06:01:37.2,35.45N:133.91E,h8km,1km,M4.2

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TWB1 Santiaio Chiao, TIBP Shuangxi, TWE Neicheng, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHN4 Tsauhsan, CHN4, TPUB, etc.

NOU 14 06:58:23.1, 30:31S: 175:29W, h32km, mb4.8/6, Kermadec Islands Region
IDC 14 06:58:54.2, 0.6, 31.735S: 177:81W, h0km, mb4.6/15, mb1 4.8/17, mb1mx4.6/34, mbtmp4.6/17, ML4.9/1, MS3.9/13, Ms1 3.9/13, ms1mx3.8/39, Error ellipse: s-maj=18.6km s-min=18.1km az=139.0
NEIC 14 06:58:53.0, 1.5, 31.805S: 0:06:177.8W: 0.1, h22km, 5km, mb4.9/26, Error ellipse: s-maj=18.6km s-min=9.1km az=98.0
GCMT 14 06:59:00.0, 0.4, 31.935S: 0:04:177.41W: 0.04, h30km, MW5.0/69, Moment Tensor Solution. s25.c26; s69.c81; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:3.69z:24; Mw:1.1z:16; Ms:2.58z:17; Mo:0.59z:20; Mo:0.4z:12; Ms:1.54z:18; Best double couple: Ms:3.59400x10^16 Np1:0.194.000000, d31.000000, l87.000000. NP2: 0.818.000000, d59.000000, l92.000000. Principal axes: T 4.0910, P1g76.0000, Azm293.0000; N -0.9960, P1g1.0000, Azm197.0000; P -3.0960, P1g14.0000
ns1a refers to body waves, cutoff=40s.
ns1a2 refers to surface waves, cutoff=50s. Triangular moment-tensor function

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Datong Townshi, Zhushan, Fulli, Nanshi, Tainan City, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Taipei, Pingtung, Beinan, Nanshi, Tainan City, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like H11S2 WAKE ISLAND, KURBB Kurchatov Arra, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Gaotai, Kirov, Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bear Paw Mtn, Castle Rocks, Eielson Array, etc.

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

WEL 14 14:16:10.6, 43°S, 174°E, h44km±13km, M3.5/38, ML3.1/18, MLV3.5/38, Error ellipse: s-maj=0.0km s-min=0.0km az=82.4, Off east coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kahutara, Greta Valley, Cape Campbell, etc.

IDC 14 14:22:46.1, 9.1, 31.64S, 177.83W, h0km, mb4.2/3, mb1.4/4, mb1mx3.9/26, mbtmp4.3/4, ML4.2/1, MS2.7/1, Ms1.2/7.1, ms1mx2.4/34, Error ellipse: s-maj=51.8km s-min=27.6km az=124.0

NEIC 14 14:22:47.2, 1.1, 31.6S, 0.1x:177.72W:0.05, h10km, 1km, mb4.5/18, Error ellipse: s-maj=18.6km s-min=7.2km az=178.0

ISC 14 14:22:50.5, 0.7, 31.68S, 0.07x177.8W:0.1, h35km, n37, a1921/37, mb4.4/12, Mercadec Islands region

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

NEIC 14 14:17:52.9, 1.2, 6.98S, 0.10x125.1E:0.1, h523km, 10km, mb4.2/21, Error ellipse: s-maj=21.7km s-min=10.1km az=57.0

IDC 14 14:17:52.9, 0.2, 7.05S, 125.15E, h524km, 3km, m3.0/6, mb1.3/2.1, mb1mx2.9/48, mbtmp4.0/11, Error ellipse: s-maj=7.1km s-min=3.6km az=60.0

DJA 14 14:17:54.3, 0.5, 7.7S, 142.12E, h501km, 7km, M3.9/10, mb4.2/3, mb3.7/9, MLV4.0/10, Mw(mB)3.2/3

ISC 14 14:17:53.6, 0.5, 7.14S, 0.07x125.06E:0.08, h543km, n69, a1946/71, mb3.8/10, Banda Sea

Table with columns: CTAO, Charters Tower, 22.73 136, P, P, 16 17 36.2 +0.4, 16 17 46.8. Includes stations like Oodnadatta, Forrest, Roma, Honiara, etc.

IDC 14 16:57:24.1, 6.4, 10S, 129.63E, h0km, mb3.6/1, mb1 3.5/5, mb1mx3.4/30, mbtmp3.4/5, ML3.2/4, Error ellipse: s-maj=50.8km, s-min=22.6km az=99.0, DJA 14 16:57:26.0, 7.4, S, 6.1x10^2, h10km, M3.3/7, MLV3.3/7, ISC 14 16:57:28.9, 1.0, 4.1S, 107.129, 50E, 0.06, h36km, n11, c1528/14, Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Masohi, Ambon, Fak Fak, Sorong, etc.

IDC 14 16:59:48.8, 9.4, 1.47S, 126.97E, h0km, mb3.6/2, mb1 3.5/3, mb1mx3.3/26, mbtmp3.3/3, ML3.3/1, Error ellipse: s-maj=157.8km, s-min=125.1km az=99.0, Southern Molucca Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, etc.

IDC 14 17:14:03.2, 3.2, 1.77S, 100.57E, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.6/32, mbtmp3.6/7, Error ellipse: s-maj=137.8km, s-min=18.0km az=57.0, DJA 14 17:14:09.0, 0.4, 2.3S, 101.0E, h57km, 11km, M3.7/12, mb3.6/1, MLV3.7/12, ISC 14 17:14:10.2, 0.8, 1.80S, 0.05x100.35E, 0.05, h56km, n21, c1536/21, mb3.7/6, Southern Sumatera

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Padang, Pulau Pagai, Kerinci, etc.

DJA 14 17:18:11.2, 0.6, 8.5S, 124.2E, h179km, 7km, M3.6/6, mb4.5/1, mb3.7/4, MLV3.5/6, MW(MB)3.7/1, Flores region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Soe, Baumata, Endau, etc.

IDC 14 17:46:14.2, 1.5, 5.62S, 147.45E, h207km, 19km, mb3.4/6, mb1 3.7/8, mb1mx3.4/27, mbtmp4.0/8, Error ellipse: s-maj=42.2km, s-min=11.2km az=114.0, NEIC 14 17:46:16.2, 0.8, 5.61S, 0.08x147.3E, 0.1, h202km, 9km, mb4.4/8, Error ellipse: s-maj=18.2km, s-min=10.8km az=106.0

ISC 14 17:46:13.9, 0.8, 5.64S, 0.07x147.2E, 0.1, h195km, n35, c1535/37, mb3.7/7, Eastern New Guinea region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Manus Island, Port Moresby, etc.

Table with columns: WBO, IAMB, IAMB, 17 50 24.9, 17 50 21.3 +1.1, 17 50 22.2 +0.9, 17 50 26.6. Includes stations like Warramunga Arr, Tennant Creek, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Fitzroy Crossi, etc.

KRNET 14 18:00:51.5, 0.1, 43.17N, 78.36E, h22km, mb2.2, NNC 14 18:00:53.5, 1.2, 43.18N, 78.47E, h5km, 6km, mb2.5, mpv2.7, Error ellipse: s-maj=6.1km, s-min=4.0km az=35.0, SOME 14 18:00:53.2, 4.3, 18N, 78.42E, h0km, ISC 14 18:00:52.4, 0.8, 43.12N, 0.03x78.32E, 0.03, h13km, 5km, n15, c208/28, 8c, Lake Issyk-Kul region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Saty, ZHN, KURS, etc.

INET 14 18:06:02.4, 10.98N, 87.01W, h14km, MW3.5, Off coast of Costa Rica

TUL 14 18:15:26.4, 0.8, 36.30N, 0.02x97.52W, 0.02, h5km, 6km, ML2.7, mb, LQ, 6/11 (NEIC), Error ellipse: s-maj=2.6km

NEIC 14 18:15:26.3, 0.8, 36.29N, 0.01x97.53W, 0.008, h4km, 6km, Error ellipse: s-maj=2.2km, s-min=0.7km az=165.0, Oklahoma

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CROK, BLOK, etc.

Table with columns: MIAR, U40A, U40A, 3.67 117, 3.78 88, Pn, Pn, 18 16 24.4 +0.6, 18 16 26.7 +1.3, 18 17 27.6. Includes stations like Mountain Grove, Maddies Station, etc.

ATH 14 18:47:27.7, 36.25N, 28.31E, h71km, 2km, ML2.6/5, Error ellipse: s-maj=3.6km, s-min=1.4km az=5.0, ISK 14 18:47:28.5, 36.20N, 28.28E, h63km, 2km, ML2.7/12, THE 14 18:47:29.5, 36.18N, 28.28E, h62km, 1km, ML2.5/4, Error ellipse: s-maj=2.4km, s-min=1.0km az=4.0, NIC 14 18:47:29.0, 35.96N, 28.40E, h43km, 5km, ML3.5/5, DDA 14 18:47:29.0, 36.35N, 28.34E, h60km, 2km, ML2.5, ISC 14 18:47:28.4, 1.2, 36.22N, 0.03x28.30E, 0.02, h70km, 6km, n64, c1516/97, 2D, Dodecanese Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Arkhangelos, Turunc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIVA, AKMS, IMMV, OSCI, ALFC, GVD, NATA, ANKY, KTHA, ASGA, CSS, VLI, OSC2.

IDC 14 19:06:21.126.0.28'88N.72'04E, h0km, mb3.4/0.1, mb1 3.7/3, mb1mx3.3/31, mbtmp3.7/3, ML3.4/2, Error ellipse: s-maj=42.1km s-min=69.0km az=178.0

NNC 14 19:07:34.8.3.4.36'41N.67'78E, h94km, mb3.4, mpv3.8, Error ellipse: s-maj=25.0km s-min=24.4km az=157.0

ISC 14 19:07:34.9.1.9.36'4N.0'1.69.90E.0'09, h100km, n8, e149/13, 8C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK02, AAK, TKM2, GEYT, MKAR, AB31, AKTO, ZALV.

IDC 14 19:07:57.5.1.2.29'43S.178'84W, h330km, 1.3km, mb3.4/3, mb1 3.6/4, mb1mx3.3/31, mbtmp3.4/2, Error ellipse: s-maj=45.4km s-min=25.0km az=112.0

ISC 14 19:07:58.3.1.0.29'43S.178'84W, h330km, n7, e161/9, mb3.5/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO, URZ, DZM, STKA, ASAR, WRA, FINES.

IDC 14 19:34:39.9.1.6.4.04S.129'49E, h0km, mb3.5/1, mb1 3.4/4, mb1mx3.0/39, mbtmp3.4/3, ML3.1/3, Error ellipse: s-maj=47.8km s-min=24.8km az=91.0, Banda Sea

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

IDC 14 19:35:12.2.54.0, 17'96S.178'37E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.3/34, mbtmp3.8/3, Error ellipse: s-maj=966.9km s-min=152.8km az=78.0, Fiji Islands

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

TUL 14 19:54:15.2.1.1.36'61N.0'010.97'94W, h0.2km, 5km, ML2.6, mb_Lg2.45(NEIC), Error ellipse: s-maj=2.1km s-min=1.3km az=112.0

NEIC 14 19:54:13.9.0.6.36'56N.0'02.97'99W, h0.4, h19km, 4km, Error ellipse: s-maj=5.4km s-min=3.0km az=104.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CROK, MKAR, JAG, JMK, JRY, JOD, JOK, JYM, JYN, MJAR, MJAR, MAJ, MAJ, MAT, MAT, MSD, JSD, JSD, JSG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAN10, KAN13, KAN01, KAN09, KAN16, KAN06, KAN12, U32A, OK029, BCKOK, OK033, QUOK, OK031, OK034, TSSA, W35A, TUL1, WMOK, R32A, X34A, L34A.

IDC 14 20:02:50.8.2.2.3.07N.127'85E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/45, mbtmp3.3/3, Error ellipse: s-maj=154.5km s-min=27.2km az=67.0, Talaud Islands

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

GUC 14 20:21:44.0.4.9.22'46S.68'60W, h105km, 5km, ML3.8, 3C-5D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC, LVC, PB09, PB09, PB09, PB06, PB15, PB03, PB03, PB07, PB07, PB04, PB04, PB05, PB05, PB05, PB01, PB01, PB02, PB02, PB10, PB10, PATCX, PATCX, PATCX, PB08, PB08, TA01, TA01, HMBC, HMBC, TA02, PB11, PB11, PB12, PB12, PB16, PB16.

IDC 14 20:32:53.9.0.8.36'28N.142'74E, h0km, mb3.9/16, mb1 4.0/22, mb1mx3.8/60, mbtmp4.0/22, ML4.0/5, MS2.9/4, Ms1 3.0/4, ms1mx2.7/48, Error ellipse: s-maj=17.6km s-min=15.2km az=104.0

NIED 14 20:32:58.8.36'41N.142'42E, h52km, MW4.0, Moment Tensor Solution, s3 Moment tensor, Scale 10^15Nm, Mw=0.93, Mw=0.09, Mw=1.03, Mw=0.06, Mw=0.39, Mw=0.25, Fault plane solution: N1.0700x10^15 NP1=16.0000; 352.0000, 188.0000; N1.20x199.0000, 638.0000, 192.0000

NEIC 14 20:32:58.1.1.9.36'40N.0'02.142'54E.0'07, h23km, 4km, mb4.6/13, Error ellipse: s-maj=9.2km s-min=7.0km az=143.0

JMA 14 20:32:58.7.0.2.36'41N.142'42E, h52km, M3.6, ISC 14 20:32:56.7.0.6.36'39N.0'005.142'56E.0'06, h15km, n8, e151/85, mb4.2/21, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CH0J, CH0J, ONAJ, JHYU, JHYU, JHYU, JFY, JFY, JFY, JFY, BSO1, BSO1, JAG, JMK, JRY, JOD, JOD, JOK, JYM, JYN, MJAR, MJAR, MAJ, MAJ, MAJ, MAJ, MAT, MAT, MSD, JSD, JSD, JSG.

IDC 14 20:35:26.9.6.2.36'95N.168'07E, h0km, mb3.8, mpv3.4, 3C-3D, Error ellipse: s-maj=52.7km s-min=48.6km az=121.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK02, AAK, AAK, TKM2, TKM2.

IDC 14 21:10:59.8.55.0, 17'44S.179'49E, h0km, mb4.2/3, mb1 4.4/3, mb1mx3.5/33, mbtmp4.2/3, Error ellipse: s-maj=987.5km s-min=147.9km az=77.0, Fiji Islands

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

BUI 14 21:11:58.3.0.0.52'95N.167'71W, h44km, mB5.1/43, mb4.8/66, Ms4.9/48, Ms7.4/748

MOS 14 21:11:59.4.1.1.52'92N.167'91W, h38km, mB5.1/33, Ms4.5/16, Error ellipse: s-maj=10.0km s-min=6.0km az=94.0

IDC 14 21:12:00.9.2.6.52'93N.168'01W, h34km, 18km, mb4.6/48, mb1 4.7/49, mb1mx4.6/72, mbtmp4.8/49, ML4.0/1, MS4.4/39, Ms1 4.4/39, ms1mx4.3/52, Error ellipse: s-maj=13.9km s-min=8.6km az=0.0

AEIC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK02, AAK, AAK, TKM2, TKM2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ, JGF, JMT, INU, JMT, JEW, JMN, JKA, ASAJ, ASAJ, ASAJ, JHS, JJC, JJC, JJC, YSS, USRK, USRK, KRSR, KRSR, KRSR, YLR, YAK, YAK, YAK, H11N2, H11N1, H11N3, SEY, XAN, XAN, XAN, H11S1, H11S3, H11S2, ENH, ENH, ULN, SONM, SOHM, LZH, LZH, LZH, CMAR, CMAR, CMAR, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, MKAR, KURK, KURK, KURK, KURB, ILAR, ILAR, KLU, BVAR, KKAR, INK, INK, WRA, WRA, WRA, WRA, ARU, ARU, ARU, ABKAR, ABKAR, ASAR, KIRV, YKA, TXAR, LPAZ.

IDC 14 21:10:59.8.55.0, 17'44S.179'49E, h0km, mb4.2/3, mb1 4.4/3, mb1mx3.5/33, mbtmp4.2/3, Error ellipse: s-maj=987.5km s-min=147.9km az=77.0, Fiji Islands

IDC 14 21:12:00.9.2.6.52'93N.168'01W, h34km, 18km, mb4.6/48, mb1 4.7/49, mb1mx4.6/72, mbtmp4.8/49, ML4.0/1, MS4.4/39, Ms1 4.4/39, ms1mx4.3/52, Error ellipse: s-maj=13.9km s-min=8.6km az=0.0

AEIC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

IDC 14 21:12:00.3.5.52'94N.0'06.168'11W, h0.7, h19km, 3km, Error ellipse: s-maj=10.0km s-min=7.3km az=2.4

14d 21h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK, 003E, GRNR, J08A, GDXM, etc.

2015 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TUQ, VLA, HEC, BBRC, MVU, MSU, etc.

740

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

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like MLR, Muntele Rosu, Ozalj, Svetla Marina, Puntijarka, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like KHC Kasperske Hory, KRLC Kralicky, SENIN Lac Senin/Sane, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like ABKAR Akbulak array, ARU Arti, TORO Torodi Ar, etc.

Technical notes and coordinates: IDC 14 21:20:59.3, 0.7, 5.57S; 153.366E, h0km, mb4.5/20, mb1 4.6/21, mb1mx4 5.38, mbtmp4.5/21, ML2.9/1, MS4.0/9, Ms1 4.0/9, ms1mx3 6/35, Error ellipse: s-maj=25.1km s-min=11.6km az=118.0, NEIC 14 21:21:02.5i, 2.3, 5.38S; 0.07x153.14E, 0.06, h13km, 3km, mb4.9/51, Error ellipse: s-maj=11.0km s-min=6.9km az=207.0, BUJ 14 21:21:02.1, 0.0, 5.14S; 153.48E, h22km, m-b5.9k, 1/23, mb4.6/36, MS4.7/5, MS7 4.3/6, DJA 14 21:21:03.5i, 1.6, 6.3S; 153.3E, h11km, 11km, M4/25, mb5.1/10, mb4.8/25, MLV5.2/4, MW(MB)4.5/10, ISC 14 21:21:05.9, 0.3, 5.54ZS; 0.05x153.17E, 0.06, h37km, n178, s=1531/167, mb4.7/58, MS3.8/10, 1D, New Ireland region

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

0-130.00000°, 8.36.00000°, λ-112.00000°

JMA 14 22:30:52.1-0.1, 2.630N, 127.45E, h24km, 2km, M3.6, Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like JAGN Aguni-jima, JIN Iheya, JNH Nagotoyohara, etc.

TUL 14 22:50:06.3-1.0, 3.667N, 0.0197E, 39W, 0.02, h6km, 7km, M2.7, mb, Lg2.412(NEIC), Error ellipse: s-maj=2.0km

NEIC 14 22:50:06.5-0.8, 36.56N, 0.0197E, 40W, 0.01, h6km, 7km, Error ellipse: s-maj=2.1km s-min=1.3km az=219.0, Oklahoma

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like BLOK Blackwell, KAN13 South Haven SW, CROK Carrier, etc.

IDC 14 22:56:11.6-0.4, 5.38S, 153.18E, h0km, mb4.6/23, mb1.4, 7.25, mb1mx4.6/27, mbtmp4.6/25, MS3.7/2, MS3.8/21, Ms1.3/21, ms10x3/30, Error ellipse: s-maj=15.5km

BUI 14 22:56:12.7-0.0, 5.20S, 153.05E, h5km, mb5.1/19, mb4.5/37, Ms4.6/4, Ms7.4/32

MOS 14 22:56:15.4-1.3, 5.45S, 153.07E, h39km, mb5.1/14, Error ellipse: s-maj=10.4km s-min=8.4km az=102.8

NEIC 14 22:56:17.2-2.7, 5.41S, 0.07E, 153.07E, 0.07, h38km, 2km, mb5.0/56, Error ellipse: s-maj=11.5km s-min=8.4km az=53.0

GCMT 14 22:56:18.2-0.3, 5.60S, 0.02E, 153.14E, 0.02, h26km, 1km, MW4.9/70, Moment Tensor Solution, s19, c19, s70, CAZ, Duration: 0, Moment Tensor: Scale: 1016Nm, Mw0.7=1.7, Mw=2.43, 12; Mw1.1=1.1; Mw0.62=2.3; Mw1.1=1.0; Mw=0.62=2.3; Best double couple: Mw2.52500x1016

DJA 14 22:56:20.0-0.8, 5.54S, 153.3E, h58km, 6km, M4.8/24, mb5.2/1, mb4.9/24, MLv5.2/3, Mw(MB)4.6/1

ISC 14 22:56:17.3-0.3, 5.45S, 0.04E, 153.07E, 0.05, h37km, n253, c1568/252, mb4.9/65, MS3.8/23, 9C-1D, New Ireland region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like RABL Rabaul, PMG Port Moresby, HNR Honiara, etc.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like EIDS Eidsvold, QIS Mount Isa, LIFNC LIFOU, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like JUNU Nakatsue, MJAR Matsushiro Arr, MAT Matsushiro, etc.

Table with columns: RND, Reindeer, 81.22 23 P, P, 23 08 26.9 -2.2, 23 09 31.9, 23 08 26.7 -3.1, 81.35 22 P, pmax, 23 08 26.7 -3.1, 81.35 22 P, P, 23 08 26.7 -3.1, 23 08 59.0, 81.39 21 P, P, 23 08 28.2 -1.7, 23 09 17.5, 81.62 23 P, P, 23 08 30.5 -0.9, 23 08 29.7 -1.7, 81.83 326 P, P, 23 08 30.7 -1.9, 81.83 326 P, P, 23 08 31.7 -0.8, 23 45 10.2, 23 08 30.2 -2.3, 23 08 30.2 -2.3, 23 08 34.2 -2.4, 23 40 19.4, 23 08 33.9 -2.7, 23 08 33.9 -2.7, 23 08 43.4 +1.4, 23 08 48.3 +2.1, 23 08 50.8 -1.9, 23 08 41.9 -0.3, 23 08 56.6, 23 08 46.8 +0.8, 23 08 45.4 -0.6, 23 08 59.4, 23 08 46.6 +0.2, 23 08 46.8 -0.6, 23 08 48.7 -0.2, 23 08 48.8 -0.2, 23 08 48.8 -0.2, 23 08 48.8 -0.2, 23 08 50.6 -0.2, 23 08 51.5 +0.8, 23 08 56.6 0.0, 23 08 56.9 +0.2, 23 08 56.5 -0.1, 23 08 59.4, 23 09 06.7 -0.9, 23 09 06.5 -1.2, 23 09 06.5 -1.2, 23 09 52.7, 23 09 11.5 -1.3, 23 09 11.1 -1.8, 23 09 30.6, 23 09 21.7 -2.4, 23 44 08.0, 23 09 26.2 -1.0, 23 09 28.8 +1.0, 23 09 37.7 -2.0, 23 48 53.9, 23 09 39.0 -2.2, 23 09 45.6, 23 10 21.1 +2.0, 23 27 48.5 +6.8, 23 50 44.9, 23 11 07.4 +5.4, 23 15 11.2 -4.3, 23 31 38.1 +1.0, 23 35 52.5, 23 11 07.4 +5.4, 00 01 56.0, 00 03 20.8, 00 03 25.8, 00 03 30.1, 23 11 07.4 +5.4, 23 11 07.4 +5.4, 23 14 51.9 -1.0, 23 15 46.9 -1.5, 23 22 02.8, 23 22 02.8, 23 25 17.1 -4.2, 23 31 38.1 +1.0, 23 35 52.5, 23 14 52.5 -0.6, 23 14 52.4 -0.4, 23 14 53.4 -1.3, 23 14 53.4 -1.3, 23 15 02.6 -0.2, 23 15 02.3 -0.5, 23 15 02.3 -0.5, 23 15 06.7 +2.8, 23 15 05.7 +1.8, 23 15 05.7 +1.8, 23 15 10.0 -0.1, 23 15 11.8 +0.8, 23 15 24.0, 23 15 11.8 +0.8, 23 15 13.9 +1.4, 23 15 24.0 -1.8, 23 15 13.9 +1.4, 23 15 14.0 +0.7, 23 15 14.0 +0.7, 23 15 13.5 -0.1, 23 15 12.8 -0.5

Table with columns: GERES, GERESS Array B, 124.74 328, PKPpdf, PKPpdf, 23 15 12.8 -0.5, 23 15 16.5 +0.1, 23 15 18.1 +0.6, 23 15 18.7 +0.8, 23 15 19.2 +1.3, 23 15 19.3 +1.0, 23 15 19.4 +1.1, 23 15 20.4 +1.2, 23 15 21.6 +1.9, 23 15 32.9 -0.7, 23 15 31.8 -0.4, 23 15 31.8 -0.4, 23 15 37.7 -0.8, 23 15 44.0 -2.3, 23 16 02.2 +1.4, 23 16 06.6 -0.2, 23 16 02.0 +1.2, 23 16 02.0 +1.2, 23 16 06.2 -0.5, 23 16 04.5 -2.2, 23 16 47.5 +2.7

THE 14 23:01:33.9, 38'52N-20'54E, h10km, 1km, ML2.7/9, Error ellipse: s-maj=1.6km s-min=0.4km az=74.0, ATH 14 23:01:33.6, 38'53N-20'56E, h14km, 1km, ML2.3/15, Error ellipse: s-maj=1.7km s-min=0.5km az=284.0, ISC 14 23:01:32.6, 0.8, 38'54N-0'02.20, 50E:0.03, h18km, 2km, n54, c126/89, Greece

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC, 0.10 151 P, S, 23 01 36.4 +0.2, 23 01 37.9 -0.7, 0.14 57 P, S, 23 01 37.0 +0.2, 23 01 39.4 -0.2, 0.14 57 P, S, 23 01 37.1 +0.2, 23 01 39.2 -0.4, 0.15 22 P, S, 23 01 37.5 +0.5, 23 01 40.4 +0.6, 0.15 22 P, S, 23 01 37.4 +0.5, 23 01 39.2 -0.4, 0.23 42 P, S, 23 01 38.4 +0.4, 23 01 41.8 +0.1, 0.23 42 P, S, 23 01 38.4 +0.4, 23 01 39.4 +0.6, 0.27 26 P, S, 23 01 39.4 +0.6, 23 01 43.0 0.0, 23 01 45.6, 0.29 192 P, S, 23 01 39.6 +0.6, 23 01 44.4 +1.1, 0.29 192 P, S, 23 01 39.7 +0.6, 23 01 44.8 +0.8, 0.31 23 P, S, 23 01 45.1 +0.8, 23 01 45.5 +1.7, 0.31 23 P, S, 23 01 40.1 +0.8, 23 01 45.3 +1.5, 23 01 50.5, 23 01 50.6, 0.35 189 P, S, 23 01 40.5 +0.6, 23 01 46.2 +1.3, 0.36 200 P, S, 23 01 40.3 +0.1, 23 01 45.6 +0.3, 0.36 200 P, S, 23 01 40.2 +0.1, 23 01 45.7 +0.3, 0.37 183 P, S, 23 01 45.5 +1.3, 23 01 46.9 +1.4, 23 01 46.9 +0.2, 23 01 46.0 +0.3, 0.37 169 P, S, 23 01 40.6 +0.2, 23 01 46.3 +0.6, 23 01 46.5, 23 01 47.5, 0.43 171 P, S, 23 01 41.7 +0.2, 23 01 48.2 +0.8, 0.43 171 P, S, 23 01 41.6 +0.2, 23 01 48.2 +0.8, 0.82 139 P, S, 23 01 48.8 +0.3, 23 01 49.0 -0.3, 23 02 01.8 +1.3, 0.87 162 P, S, 23 01 48.9 -0.3, 23 02 01.8 +1.3, 23 02 03.1, 23 02 04.8, 0.90 122 P, S, 23 01 50.1 +0.4, 23 02 03.2 +0.3, 0.90 122 P, S, 23 01 49.9 +0.1, 23 02 05.5, 23 02 13.7, 1.00 352 P, S, 23 01 52.9 +0.9, 23 02 09.0 +3.9, 1.00 352 P, S, 23 01 52.5 +0.8, 23 02 06.0 +0.6, 23 02 11.7, 23 02 15.2, 23 02 18.7, 1.11 96 P, S, 23 01 52.8 -0.5, 23 02 17.2, 23 02 19.3, 1.12 121 P, S, 23 01 53.7 +0.2, 23 02 13.4, 23 02 13.9, 1.15 14 P, S, 23 01 55.6 +0.8, 23 02 15.6, 23 02 16.8, 1.20 104 P, S, 23 01 54.6 +0.1, 23 02 25.1, 23 02 26.2, 1.25 98 P, S, 23 01 55.5 -0.1, 23 01 58.7 +1.1, 1.29 335 P, S, 23 01 58.5 -0.4, 23 02 26.4, 23 02 27.9

Table with columns: KLV, Kalavryta, Ach, 1.39 111 P, P, 23 01 57.7 +0.5, 1.51 171 P, AML, 23 02 00.5 +0.4, 23 02 31.6, 1.56 49 P, AML, 23 02 00.9 0.0, 23 02 31.0, 1.77 106 P, P, 23 02 04.8 +0.2, 2.20 98 P, P, 23 02 12.7 +0.8, 2.25 99 P, P, 23 02 13.0 +0.2, 2.74 99 P, P, 23 02 19.6 -1.5, 4.82 335 ePn, P, 23 02 44.7 +0.4, 5.04 328 ePn, S, 23 03 37.1 -2.5, 5.04 328 ePn, S, 23 03 37.4 +0.2, 5.42 332 ePn, S, 23 02 52.7 +0.1, 5.42 332 ePn, S, 23 03 50.8 -3.7, 5.56 328 ePn, S, 23 02 55.1 +0.7, 5.56 328 ePn, S, 23 03 54.9 -2.5, 5.63 334 ePn, S, 23 02 54.0 -0.1, 6.43 327 ePn, S, 23 03 55.1 -2.9, 6.43 327 ePn, S, 23 03 54.2 -0.8, 6.81 325 ePn, S, 23 04 16.7 +0.5, 6.81 325 ePn, S, 23 03 12.1 +0.4, 6.96 331 ePn, S, 23 03 24.2 +0.5, 6.96 331 ePn, S, 23 04 28.8 -3.5

IDC 14 23:09:52.1, 3.1, 3'60S:135'51E, h0km, mb3.3/2, mb1.3/5, mb1mx3.3/2, mb2mx3.6/4, ML3.9/2, Error ellipse: s-maj=99.7km s-min=28.2km az=72.0, NEIC 14 23:09:57.6: 1.5, 4.03S:0.04:133.78E:0.06, h10km, 2km, mb4.1/8, Error ellipse: s-maj=10.7km s-min=6.5km az=68.0, ISC 14 23:09:56.3±1.1, 4.04S:0.09:134.4E:0.2, h21km, n16, c293/16, mb4.0/4, Iran, Jarray phase ID

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC, 2.43 297 Op, P, 23 02 27.9 -7.5, 4.45 315 Pn, P, 23 11 57.6 +3.8, 9.33 200 Pn, S, 23 12 10.2 +0.5, 12.83 205 Pn, S, 23 12 56.7 -1.0, 13.61 139 Pn, P, 23 13 09.2 -2.3, 15.13 180 Pn, I, 23 13 37.4 +1.9, 15.13 180 Pn, I, 23 13 48.5, 15.81 180 Pn, P, 23 13 40.2 +2.4, 15.81 180 Pn, P, 23 13 40.7 +2.9, 23 01 39.4 -0.2, 23 01 39.4 -0.2, 23 01 39.6 +0.6, 23 01 44.4 +1.1, 23 01 44.8 +0.8, 23 01 45.1 +0.8, 23 01 45.5 +1.7, 23 01 40.1 +0.8, 23 01 45.3 +1.5, 23 01 50.5, 23 01 50.6, 23 01 40.5 +0.6, 23 01 46.2 +1.3, 23 01 40.3 +0.1, 23 01 45.6 +0.3, 23 01 40.2 +0.1, 23 01 45.7 +0.3, 23 01 45.5 +1.3, 23 01 46.9 +1.4, 23 01 46.9 +0.2, 23 01 46.0 +0.3, 23 01 40.6 +0.2, 23 01 46.3 +0.6, 23 01 46.5, 23 01 47.5, 23 01 41.7 +0.2, 23 01 48.2 +0.8, 23 01 41.6 +0.2, 23 01 48.2 +0.8, 23 01 48.8 +0.3, 23 01 49.0 -0.3, 23 02 01.8 +1.3, 23 02 04.8, 23 01 50.1 +0.4, 23 02 03.2 +0.3, 23 01 49.9 +0.1, 23 02 05.5, 23 02 13.7, 23 01 52.9 +0.9, 23 02 09.0 +3.9, 23 01 52.5 +0.8, 23 02 06.0 +0.6, 23 02 11.7, 23 02 15.2, 23 02 18.7, 23 01 52.8 -0.5, 23 02 17.2, 23 02 19.3, 23 01 53.7 +0.2, 23 02 13.4, 23 02 13.9, 23 01 55.6 +0.8, 23 02 15.6, 23 02 16.8, 23 01 54.6 +0.1, 23 02 25.1, 23 02 26.2, 23 01 55.5 -0.1, 23 01 58.7 +1.1, 23 01 58.5 -0.4, 23 02 26.4, 23 02 27.9

IDC 14 23:46:07.9, 3.0, 6'89S:129.30E, h109km, 38km, mb3.5/1, mb1.3/5, mb1mx3.1/2, mb2mx3.8/5, Error ellipse: s-maj=58.0km s-min=20.6km az=95.0, NEIC 14 23:46:11.3±2.5, 6.77S:0.06:129.81E:0.06, h167km, 13km, mb4.0/2, Error ellipse: s-maj=10.5km s-min=6.7km az=139.0, ISC 14 23:46:10.3±0.8, 6.78S:0.05:129.82E:0.07, h150km, n18, c1976/24, Banda Sea

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC, 1.90 129 Op, P, 23 46 47.2 +2.9, 4.54 32 Pn, S, 23 47 11.5 +1.2, 6.04 14 Pn, S, 23 47 19.0 +1.4, 6.04 14 Pn, S, 23 48 08.6 -1.5, 23 47 38.8 +1.1, 23 48 44.1 -1.9, 6.24 241 Sn, S, 23 47 40.1 +0.8, 6.24 241 Sn, S, 23 48 45.9 -3.0, 6.24 241 Sn, S, 23 47 41.8 +1.4, 8.90 187 Pn, S, 23 48 52.4 +1.7, 11.97 200 P, S, 23 48 15.4 -0.4, 11.97 200 P, S, 23 48 53.1 -3.1, 23 50 58.8 -1.0, 23 49 16.1 -1.8, 23 49 20.4 +0.7, 23 49 18.0 -1.8, 23 51 43.0 -1.0, 23 49 18.5 -1.3, 23 49 18.1 -1.8, 23 49 34.9 +0.7, 23 50 01.3 -0.1, 23 50 07.3, 17.25 167 P, P, 23 50 03.5 +1.3, 17.25 167 P, P, 23 50 10.9 -2.7, 17.25 167 P, P, 23 50 18.7 +0.3, 17.25 167 P, P, 23 50 05.0 -0.1, 17.25 167 P, P, 23 51 01.7, 67.94 327 P, P, 23 56 53.7 +0.8, 23 56 53.7 +0.8

FUNIV 14 23:54:01.6: 8.48N:71.46W, h5km, MB3.7, ISC 14 23:53:59.6: 0.8, 8.52N:0.03:71.42W:0.03, h10km, n14, c1979/27, Venezuela

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC, 1.13 231 Op, P, 23 54 20.5 -0.9, 1.53 50 eP, P, 23 54 28.8 -0.1, 1.53 50 eP, P, 23 54 34.1 -0.5, 2.45 18 eS, S, 23 54 58.4 0.0, 2.45 18 eS, S, 23 54 43.4 -0.4, 2.45 18 eS, S, 23 55 13.2 -0.9, 2.48 129 eP, S, 23 54 42.1 -2.2, 2.48 129 eP, S, 23 55 13.9 -1.0, 2.48 129 eP, S, 23 54 41.9 -2.4, 2.60 38 eS, S, 23 55 11.1 +0.6, 2.60 38 eS, S, 23 54 44.5 +1.8, 2.60 38 eS, S, 23 55 16.4 -1.9, 2.64 222 eP, S, 23 54 47.3 +0.2

VOBA	Vobarno	0.20	79	P	Pg	00 15 52.5	-0.2
VOBA				S	Sg	00 15 56.4	+0.9
CAPR	Capirolo	0.20	279	P	Pg	00 15 52.4	-0.3
CAPR				S	Sg	00 15 55.7	+0.1
CAPR	comp=N,7125um,0.4s			AML	AML		
CAPR	comp=N,7130um,0.4s			AML	AML		
CAPR	comp=N,4990um,0.3s			AML	AML		
SALO	Salr	0.21	87	P	Pg	00 15 52.8	-0.1
SALO				S	Sg	00 15 57.1	+1.3
SALO	comp=N,3505um,1.6s			AML	AML		
SALO	comp=N,4650um,0.4s			AML	AML		
SALO	comp=N,3390um,1.3s			AML	AML		
SALO	comp=N,4465um,1.5s			AML	AML		
BAGB	Bagolino	0.28	38	P	Pg	00 15 53.9	-0.3
BAGB				S	Sg	00 15 58.6	+0.7
ORZI	Orzinuovi	0.29	226	P	Pg	00 15 55.2	+1.0
ORZI				S	Sg		
ORZI	comp=N,6650um,0.7s			AML	AML		
ORZI	comp=N,6645um,0.7s			AML	AML		
ORZI	comp=N,6215um,0.9s			AML	AML		
GARGN	Gargnano BS	0.32	751	P	Pg	00 15 54.6	-0.3
GARGN				S	Sg	00 16 00.5	+1.3
MAGA	Magasa	0.33	59	P	Pg	00 15 54.8	-0.4
MAGA				S	Sg	00 16 00.4	+0.8
MAGA	comp=N,5320um,0.5s			AML	AML		
MAGA	comp=N,3755um,1.1s			AML	AML		
ZENB	San Zeno di Mo	0.36	85	P	Pg	00 15 55.1	-0.6
BALD	Monte Baldo	0.43	79	P	Pg	00 15 56.8	-0.1
BALD				S	Sg	00 16 03.7	+1.2
CTL8	Castelleone	0.46	225	P	Pg	00 15 58.9	+1.4
CTL8				S	Sg		
CTL8	comp=N,2275um,0.7s			AML	AML		
CTL8	comp=N,870um,0.7s			AML	AML		
CTL8	comp=N,1075um,0.3s			AML	AML		
CTL8	comp=N,2395um,1.1s			AML	AML		
CTL8	comp=N,2270um,0.7s			AML	AML		
CTL8	comp=N,1080um,0.3s			AML	AML		
CTL8	comp=N,871um,0.7s			AML	AML		
RONC	Roncone	0.47	37	P	Pg	00 15 57.6	-0.1
RONC				S	Sg	00 16 04.8	+0.9
MABI	Malga Bissina	0.49	24	P	Pg	00 15 58.0	-0.3
MABI				S	Sg	00 16 05.0	+0.3
MABI	comp=N,749um,0.3s			AML	AML		
MABI	comp=N,1370um,0.3s			AML	AML		
MABI	comp=N,750um,0.3s			AML	AML		
MERA	Mirate	0.57	277	P	Pg	00 15 58.9	-0.6
ROVR	Rover Verones	0.60	86	P	Pg	00 15 58.9	-0.3
ROVR				S	Sg	00 16 10.1	+0.1
ROVR	comp=N,798um,0.2s			AML	AML		
ROVR	comp=N,310um,0.2s			AML	AML		
MNTV	Mantova	0.61	138	P	Pg	00 16 01.6	+1.3
MNTV				S	Sg	00 16 11.1	+1.1
MNTV	comp=N,4070um,0.6s			AML	AML		
MNTV	comp=N,4170um,0.3s			AML	AML		
MARN	Marana (Italy)	0.69	871	P	Pg	00 16 01.6	-0.4
MARN				S	Sg	00 16 12.8	+0.1
GAGG	Gaggia	0.70	47	P	Pg	00 16 02.2	0.0
GAGG				S	Sg	00 16 12.9	-0.2
GAGG	comp=N,505um,1.2s			AML	AML		
GAGG	comp=N,506um,1.2s			AML	AML		
GAGG	comp=N,592um,0.3s			AML	AML		
MILN	Milano	0.71	260	P	Pg	00 16 02.2	0.0
DOSS	Dosso del Somm	0.73	68	P	Pg	00 16 02.2	-0.5
DOSS				S	Sg	00 16 13.9	0.0
DOSS	comp=N,1032um,1.2s			AML	AML		
DOSS	comp=N,798um,0.8s			AML	AML		
DOSS	comp=N,844um,0.4s			AML	AML		
DOSS	comp=N,1082um,1.2s			AML	AML		
DOSS	comp=N,1034um,1.2s			AML	AML		
OPPE	Oppeano	0.73	114	P	Pg	00 16 03.5	+0.9
OPPE				S	Sg		
OPPE	comp=N,2255um,0.4s			AML	AML		
OPPE	comp=N,2075um,0.5s			AML	AML		
SBPO	S.Benedetto Po	0.74	138	P	Pg	00 16 03.3	+0.4
GAZZ	Gazzone Veronese	0.79	128	P	Pg	00 16 04.1	+0.3
BERNI	Berninapass	0.82	350	P	Pg	00 16 04.2	-0.1
BERNI				S	Sg	00 16 15.3	+0.2
BERNI	comp=N,318um,0.5s			AML	AML		
BERNI	comp=N,322um,0.3s			AML	AML		
PRMA	PARMA	0.84	176	P	Pg	00 16 05.0	-0.6
PRMA				S	Sg	00 16 04.4	-1.2
PRMA	comp=N,706um,1.4s			AML	AML		
PRMA	comp=N,706um,1.4s			AML	AML		
NDIM	Novi di Modena	0.86	146	P	Pg	00 16 05.6	+0.4
BRMO	Bormio	0.88	7	P	Pg	00 16 05.1	-0.3
BRMO				S	Sg	00 16 16.5	-0.4
BRMO	comp=N,248um,1.3s			AML	AML		
BRMO	comp=N,376um,0.4s			AML	AML		
CARE	Lago del Cares	0.88	22	P	Pg	00 16 05.0	-0.6
CARE				S	Sg	00 16 04.4	-1.2
MUGIO	Muggio	0.88	291	P	Pg	00 16 18.1	+1.0
MUGIO				S	Sg		
MUGIO	comp=N,550um,0.4s			AML	AML		
MUGIO	comp=N,401um,0.3s			AML	AML		
PANI	Panarotta	0.90	60	P	Pg	00 16 05.7	-0.1
ZOVE	Zovencedo	0.90	99	P	Pg	00 16 05.5	-0.5
CAVE	Cavezzo	0.92	143	P	Pg		
CAVE				S	Sg		
CAVE	comp=N,1865um,0.2s			AML	AML		
CAVE	comp=N,1660um,1.5s			AML	AML		
SERM	Sermide	0.96	128	P	Pg	00 16 07.5	+0.4
SERM				S	Sg		
SERM	comp=N,732um,0.8s			AML	AML		
SERM	comp=N,1220um,0.7s			AML	AML		
SERM	comp=N,1284um,0.4s			AML	AML		
SERM	comp=N,1952um,1.0s			AML	AML		
SERM	comp=N,1224um,0.7s			AML	AML		
SERM	comp=N,1952um,1.0s			AML	AML		
SANR	Sandri	0.97	87	P	Pg	00 16 07.3	0.0
OZOL	Ozolo	0.99	36	P	Pg	00 16 06.8	-0.7
BOB	Bobbio (Coli)	1.00	213	P	Pg	00 16 08.3	+0.5

NEVI	Neviano degli	1.02	176	P	Pb	00 16 09.8	+1.3
MOSI	Grossomontoni	1.04	13	P	Pb	00 16 08.0	-0.5
MOSI	comp=N,1210um,1.4s			AML	AML		
TEOL	Teolo	1.05	103	P	Pg	00 16 08.3	-0.4
TEOL				S	Sb	00 16 23.4	+0.6
TEOL	comp=N,1640um,0.6s			AML	AML		
VARE	Varese	1.05	285	P	Pg	00 16 08.5	-0.2
VARE				S	Sg		
VARE	comp=N,836um,0.4s			AML	AML		
VARE	comp=N,744um,0.8s			AML	AML		
VARE	comp=N,836um,0.4s			AML	AML		
VARE	comp=N,744um,0.8s			AML	AML		
RAVA	Ravarino	1.06	143	P	Pg		
RAVA				S	Sg		
RAVA	comp=N,2265um,1.2s			AML	AML		
RAVA	comp=N,2270um,1.2s			AML	AML		
CTI	Castel Tesino	1.09	66	P	Pg	00 16 08.9	-0.6
CTI				S	Sg		
CTI	comp=N,1760um,0.5s			AML	AML		
CTI	comp=N,1885um,0.5s			AML	AML		
APPI	Appiano	1.12	38	P	Pg	00 16 09.3	-0.8
APPI				S	Sg		
APPI	comp=N,2930um,0.3s			AML	AML		
APPI	comp=N,2810um,0.4s			AML	AML		
APPI	comp=N,2925um,0.3s			AML	AML		
GRAM	Graiana	1.12	186	P	Pg	00 16 11.1	+1.0
GRAM				S	Sg	00 16 10.9	+0.8
CGRP	Cima Grappa	1.14	76	P	Pg	00 16 09.9	-0.6
CGRP				S	Sg		
CGRP	comp=N,540um,0.4s			AML	AML		
CGRP	comp=N,844um,0.5s			AML	AML		
FERRA	Ferrara-Casagi	1.17	127	P	Pg	00 16 11.4	+0.4
BOSI	Botzano	1.17	40	P	Pg		
BOSI				S	Sg		
BOSI	comp=N,1910um,1.3s			AML	AML		
BOSI	comp=N,987um,0.8s			AML	AML		
KOSI	Kohlern	1.18	43	P	Pg		
KOSI				S	Sg		
KOSI	comp=N,896um,0.9s			AML	AML		
GORR	Corretto	1.20	214	P	Pg	00 16 12.4	+0.9
GORR				S	Sg	00 16 12.4	+0.9
DAVOX	Davos/Dischmat	1.20	349	P	Pg		
DAVOX				S	Sg		
DAVOX	comp=N,203um,0.3s			AML	AML		
FIU	Minerbio Fiu	1.32	137	P	Pg		
FIU				S	Sg		
FIU	comp=N,1195um,0.5s			AML	AML		
ZCCA	Zocca	1.36	157	P	Pg		
ZCCA				S	Sg		
ZCCA	comp=N,1275um,0.3s			AML	AML		
ZCCA	comp=N,1016um,0.4s			AML	AML		
ZCCA	comp=N,874um,0.4s			AML	AML		
ZCCA	comp=N,782um,0.4s			AML	AML		
ZCCA	comp=N,948um,0.4s			AML	AML		
VARN	Col Varnada, M	1.37	73	P	Pn	00 16 13.9	-0.1
VARN				S	Sg		
VARN	comp=N,506um,0.3s			AML	AML		
VARN	comp=N,846um,0.3s			AML	AML		
FUSIO	Fusio	1.38	309	P	Pn	00 16 13.2	-1.0
FUSIO				S	Sg		
FUSIO	comp=N,472um,1.2s			AML	AML		
FUSIO	comp=N,318um,0.6s			AML	AML		
FUSIO	comp=N,318um,0.6s			AML	AML		
FUSIO	comp=N,472um,1.2s			AML	AML		
MSSA	Maissana	1.38	201	P	Pg		
MSSA				S	Sg		
MSSA	comp=N,196um,						

15d 0h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SVeta Marina, Kirzharten, and various regional stations.

2015 DEC

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sextfontaines, Conrad Observa, and various regional stations.

750

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ullung-do Bore, Hanyang, and various regional stations.

BUJ 15:00:20.28:3.0,0.25:53N:142:14E,h62km,mB5.4/73, mb4.9/68,Ms5.4/88,Mz7.5/181
MOS 15:00:20.29:1.2,25:54N:141:67E,h45km,mb5.1/45, MS5.0/17,Error ellipse: s-maj=8.6km s-min=4.4km az=116.1
IDC 15:00:20.32:6.15,25:63N:141:27E,h44km,13km,mb4.3/30, mb1.4/432,mb1mx4.2/51,mbtmp4.5/32,ML2.8/2,MS4.7/38, Ms1.4/73,ms1mx4.7/42,Error ellipse: s-maj=13.1km s-min=8.9km az=114.0
NEIC 15:00:20.33:5.2,1.25:72N:0:07:141:95E:0:09,h56km,5km, mb5.1/137,Error ellipse: s-maj=12.1km s-min=10.1km az=120.0
GCMT 15:00:20.36:5.0,1.25:48N:0:01:141:27E:0:01,h12km, MW5.2/134,Moment Tensor Solution: s66,c85; s134,c212; Duration: 1s2 Moment tensor: Scale 10^17 Nm; Mn:0.84±0.1; Mw:0.47±0.1; Mo:0.36±0.1; Mo:0.23±0.4; Mo:0.28±0.1; Mo:0.1±0.4; Best double couple: Mo:0.8100±0.10^17 NP1:0.227.00000±.836.00000±.k84.00000±. NP2:0.54.00000±.854.00000±.194.00000±. Principal axes: T 0.8810, P1g81.0000±, Azm342.0000±; N -0.1410, P1g3.0000±, Azm232.0000±; P -0.7400, P1g9.0000±, Azm141.0000±; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
ISC 15:00:20.34:2.0,4.25:82N:0:04:141:38E:0:04,h70km,3km, h70km:pp-P,n435,-c263/453,mb5.1/158,17C-6D,
Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like MNK, MNSK, TBI, TAOE, AKASG, etc.

Station coordinates and metadata:
IDC 15 00:21:00.8-4.5, 36.40N-71.48E, h76km, 41km, mb3.6/10, mb1.3/7.15, mb1mx3.3/6.0, mbtpm3.9/15, ML2.6/5, Error ellipse: s-maj=28.5km s-min=22.7km az=12.0
NEIC 15 00:21:03.4-1.6, 36.53N-0.05-71.19E-0.07, h86km, 8km, mb4.1/13, Error ellipse: s-maj=8.8km s-min=7.5km az=109.0
NNC 15 00:21:03.3-3.6, 37.02N-71.02E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=29.3km s-min=21.6km az=179.0
ISC 15 00:21:02.9-0.6, 36.58N-0.06-71.20E-0.06, h100km, n69, -2540/69, mb3.8/14, 6C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like GAR, CHGR, DRK, NIL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like USP, TKM2, GEYT, GYA0B, etc.

TAP 15 00:26:27.6, 25.23N-122.31E, h218km, ML4.1, C
JMA 15 00:26:29.3-0.2, 25.13N-122.22E, h200km, 2km, ML4.2
IDC 15 00:26:44.9-21.0, 25.68N-122.79E, h408km, 309km, mb2.8/6, mb1.3/0.7, mb1mx2.8/5.1, mbtpm3.6/7, Error ellipse: s-maj=22.3km s-min=15.7km az=59.0
ISC 15 00:26:28.3-0.8, 25.23N-122.25E-0.03, h208km, 5km, n117, -0e66/207, mb3.3/6, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like TWP1, TWP2, TWP3, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like TATO, NDS, TWS1, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Hateruma jima, Suanglung, Kuro-shima, Ruisui, Hungye, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Warramunga Arr, ASAR Alice Springs, Chiang Mai Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ninganchiao, Tawu, Xulin Townshi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WDLH Douliu, TIPB Shuangxi, WWF Wufeng, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like W35A Tecumseh, X34A Smith Ranch, KSU1 Kansas State U, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TSCST Constanta Port, DEVR Zonguldak/Devr, IZI Iznik, etc.

15d 1h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like LEHL, CFR, BALB, AUKIR, etc.

2015 DEC

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MLR, LEOM, VASR, etc.

756

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SIRR, TRUS, IVANJICA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKD5, KBA, CIMO, KNDS, ABTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IPEC, KSP, CHVC, OSTAS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BS04, JRY, JAG, MJAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SARAOUITOU, DEVILS POINT, RANTAPU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GRAND BE, MORNE LA CROIX, MORNE LENARD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PORT MORESBY, WARRAMUNGA ARR, ALICE SPRINGS, etc.

IDC 15 05:51:20.9:0.9, 13.89N:58.36W, h0km, mb4.0/10, mb1.4, 3/13, mb1mx4.0/43, mbtmp4.0/13, ML4.0/3, MS3.4/4, Ms1.3, 4/4, mx1mx3.0/31, Error ellipse: s-maj=26.4km s-min=17.0km az=117.0

TRN 15 05:51:25.7:1.9, 13.97N:58.54W, h93km, MD4.1, NEIC 15 05:51:25.4:2.0, 13.91N:0.07:58.39W:0.08, h27km, 5km, mb4.2/7, Error ellipse: s-maj=12.3km s-min=9.3km az=224.0

ISC 15 05:51:24.8:1.7, 13.93N:0.04:58.39W:0.06, h30km, 12km, n81, c147/97, mb4.2/11, MS3.5/3, North Atlantic Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAINT PHILIP, GUN HILL, GUADELOUPE/MAR, etc.

IDC 15 05:53:21.5:1.3, 5.78S:146.94E, h0km, mb3.6/3, mb1.3/9.5, mb1mx3.3/46, mbtmp3.7/5, ML3.1/2, MS2.8/2, Ms1.2, 8/2, mx1mx2.5/44, Error ellipse: s-maj=61.3km s-min=23.4km az=105.0

ISC 15 05:53:31.1:1.3, 6.05S:0.1:146.8E:0.3, h78km, n6, c243/8, mb3.6/3, Eastern New Guinea region

IDC 15 06:10:00.8:3.4, 53.76N:90.96E, h0km, mb1.3/4.3, mb1mx3.0/18.6, mbtmp3.4/3, ML3.0/3, Error ellipse: s-maj=28.5km s-min=24.4km az=40.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO BEAM, KURBCHATOV ARR, TORODI ARR, etc.

IDC 15 06:49:45.6:4.8, 19.04S:175.50W, h0km, mb4.0/5, mb1.4/2.5, mb1mx3.7/34, mbtmp4.0/5, Error ellipse: s-maj=198.7km s-min=39.0km az=140.0, Tonga Islands

ISC 15 06:54:39.0:2.4, 19.6N:0.1:166.05W:0.04, h14km, n46, c057/46, 12C, Puerto Rico region

NEIC 15 06:54:37.7:1.1, 19.76N:0.04:66.08W:0.06, h26km, 13km, Error ellipse: s-maj=8.0km s-min=6.2km az=69.0

RSRP 15 06:54:39.3, 19.60N:66.04W, h97km, 1km, MD3.8/9, Error ellipse: s-maj=198.7km s-min=39.0km az=140.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STEPHENS CREEK, WARRAMUNGA ARR, FITZROY CROSSI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR15 Kurchatov Arra, KUR16 Kurchatov Arra, KUR17 Kurchatov Arra, etc.

NNC 15 07:20:32.4.2.5, 54°24'N-87°27'E, h0km, mb3.6, mpv3.3, 7C-4D, Error ellipse: s-maj=23.0km s-min=12.5km az=9.0, Suspected Mining explosion., Southwestern Siberia

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

NEIC 15 07:38:10.9.2.6, 9°64'S-0°07'112°86'E, h43km, 7km, mb4.6/32, Error ellipse: s-maj=11.3km s-min=4.8km az=147.0

BUI 15 07:38:11.0.0.0, 9°70'S-112°90'E, h63km, mb5.1/18, mb4.7/36, Ms4.6/4, Ms7.4/15

DJA 15 07:38:13.0.0.3, 10°53'N-113°31'E, h50km, 4km, M4.9/28, mb5.5/8, mb4.8/28, MLV4.8/24, Mw(m)5.0/8

IDC 15 07:38:14.8.2.1, 9°34'S-113°09'E, h75km, 18km, mb4.1/16, mb1.4/219, mb1mx3.8/39, mbmp4.4/19, MS3.5/16, Ms1.3/16, ms1mx3.3/37, Error ellipse: s-maj=18.7km s-min=10.0km az=35.0

ISC 15 07:138, mb4.7/38, MS3.6/13, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GMJI Gumukmas, GMJI Jajag, JAGI Jajag, Banyuwa, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BASI Baing, Sumba, CGJI Cibirong, KAPI Kappang, KAPI Kappang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songoing Array, SONM Songoing Array, WMQ Urumqi, etc.

IDC 15 07:39:32.3.1.0, 13°01'N-143°90'E, h149km, 8km, mb3.5/9, mb1.3/6.9, mb1mx3.2/42, mbtmp3.9/9, Error ellipse: s-maj=25.2km s-min=17.8km az=118.0

ISC 15 07:39:32.3.0.8, 23°02'-22°143'30"E, 0.1, h105km, n14, c089/12, mb3.8/9, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, GUMO Guam, H11N1 WAKE ISLAND Hy, etc.

IDC 15 07:43:23.2.0.9, 16°S-113°40'E, h0km, mb3.9/6, mb1.3/9.7, mb1mx3.6/33, mbtmp3.9/7, ML3.6/1, Error ellipse: s-maj=95.0km s-min=15.1km az=47.0

DJA 15 07:43:27.0.4.9, 9°54'N-113°31'E, h10km, M4.0/12, MLV4.0/12

NEIC 15 07:43:29.1.2.1, 9°64'S-0°08'112°94'E, h53km, 10km, mb4.3/4, Error ellipse: s-maj=13.0km s-min=8.4km az=146.0

ISC 15 07:43:27.8.0.7, 9°65'S-0°07'112°91'E, h36km, n32, c1969/37, mb4.2/7, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GMJI Gumukmas, GMJI Jajag, JAGI Jajag, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JEM Ermo, ERM Ermo, JNBK Urakawa-nobuka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEP Cherat, BTK Batken, NTH Nilore, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOA NORSAR Array B, ESDC Sonseca Array, TUMC Suroyo Array, etc.

Summary text for the first section: IDC 15 09:34:45 7.4, 3.6, 23N: 71.72E, h110km, 29km, mb3.8/11, mb1.3/8.17, mb1mx3.5, 5.6, mbtmp4.1/17, Error ellipse: s-maj=40.7km s-min=16.8km az=151.0

Summary text for the second section: IDC 15 09:34:55 1.3, 3.3, 3.7, 17N: 71.05E, h0km, mb4.4, mpv4.2, Error ellipse: s-maj=25.9km s-min=18.5km az=168.0

Summary text for the third section: NEIC 15 09:34:56 4.1, 1.4, 3.6, 72N: 0.07, 71.4E: 0.1, h177km, 7km, mb4.0/15, Error ellipse: s-maj=12.5km s-min=10.2km az=102.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAR Garm, DRK Chuyangaron, CHR Karamyk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRB Tannant Creek, WB2 Warramunga Arr, etc.

NIED 15 09:41:17.4, 37.83N, 142.71E, h55km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mw: 7.4, Mb: 6.3, Ms: 1.37, Me: 7.4, Mw: 0.30, Mw: 1.05; Fault plane solution: M1: 74.000°/101.4 NP1: 35.00000°, 57.4.00000°, 118.00000°. NP2: 153.00000°, 832.00000°, 132.00000°.

JMA 15 09:41:17.3, 0.1, 37.83N, 142.71E, h55km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JIKH Ishinomakikobu, JIO Ouri, JKM Kesennumotomoy, etc.

SNET 15 09:44:36.0, 9.0, 13.63N, 90.59W, h70km, 21km, ML2.9

GCG 15 09:44:40.9, 0.3, 13.95N, 90.62W, h63km, 10km, MD3.4

ISC 15 09:44:37.1, 2.5, 13.55N, 02.9057W, 0.09, h50km, n11, c058/13, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PCG Pacaya, SLOZ Alcaidia de Sa, FUG Fuego 3, etc.

TUL 15 09:57:48.8, 1.2, 36.213N, 0.006:97:55W, 0.02, h6km, 7km, ML3.2, mb_Lg2.9(50)(NEIC), Error ellipse: s-maj=2.5km s-min=0.5km az=69.0

ANF 15 09:57:48.4, 0.3, 36.213N, 97.56W, h4km, ML3.6/9, Error ellipse: s-maj=3.6km s-min=2.9km az=162.0

NEIC 15 09:57:48.9, 9.9, 36.217N, 0.006:97:56W, 0.02, h3km, 7km, Error ellipse: s-maj=3.6km s-min=2.9km az=69.0

ISC 15 09:57:48.9, 1.0, 36.222N, 0.02:97:56W, 0.02, h9km, 10km, n86, c082/110, Oklahoma

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like OK029 Liberty Lake, CROK Carrier, BCOK Bluff Creek, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like OK025 Westminster Rd, GC02 Grant County #, OK001 Jones High Sch, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Q44A Meyer Farm, Va, ANMO AEROSURQUE, ECSD EROS Data Cent, etc.

MAN 15 10:00:22.6, 10.02N, 126.05E, h16km, mb4.3, ML3.1, MS2.8, Philippine Islands region

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

ISK 15 10:15:41.7, 35.87N, 31.18E, h8km, ML2.7/15

NIC 15 10:15:43.8, 0.0, 36.16N, 31.27E, h54km, 16km, M12.9/2

DDA 15 10:15:44.8, 36.14N, 31.26E, h8km, 2km, ML2.2

ISC 15 10:15:41.9, 1.6, 35.96N, 0.05:31.19E, 0.03, h1km, 13km, n32, c116/45, Cyprus region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AKUM Antalya-Kumluc, AKUM Kemer-ANTALYA, AKEM Kemer-ANTALYA, etc.

NEIC 15 10:20:24.1, 1.9, 14.17S, 0.08:74:7W, 0.1, h72km, 6km, mb4.2/19, Error ellipse: s-maj=15.8km s-min=10.5km az=50.0

IDC 15 10:20:24.6, 1.4, 14.20S, 74:77W, h92km, 12km, mb3.7/8, mb 3.9/14, mb1mx3.8/3, mbtmp.0/14, MS2.6/1, Ms1 2.6/1, ms1mx2.4/28, Error ellipse: s-maj=28.3km s-min=10.6km az=44.0

VAO 15 10:20:27.5, 0.7, 13.91S, 74:65W, h100km, mb4.2

ISC 15 10:20:25.5, 0.5, 14.20S, 0.06:74:70W, 0.07, h98km, n104, c157/104, mb4.2/14, Central Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NNA Nana, NNA Nana, PB12 IPOC Station P, etc.

Table with columns: KDU, WRA, COEN, QIS, PSA00, AS31, ASAR, ASAR, ASAR, WRKA, CTAO, OOD, IPH, CMAR, CHTO, USRK, SONM, MK31, MKAR, MKAR, MKAR, ZAAO, ZAAO, ZALV, ZALV, ZALV, KURBB, KURK, BVAR, ABKAR, AKTO, TORDI, etc. Includes station names, coordinates, and various parameters.

IDC 15 11:00:58.5-1.4, 4'12S; 129.43E, h0km, mb3.9/2, mb1 3.7/5, mb1mx3.3/47, mbtmp3.6/5, ML2.9/3, Error ellipse: s-maj=52.3km s-min=25.5km az=79.0

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

IDC 15 11:02:25.4-1.7, 24.91Sx157.67W, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.7/24, mbtmp3.8/3, MS3.7/7, Ms1 3.8/7, ms1mx3.8/20, Error ellipse: s-maj=56.6km s-min=45.6km az=19.0, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAOE, TBI, PPT2, PPT, H03N2, H03N3, H03N1, PLCA, LPZ, CPUP, NVAR, Vnda, MDP, H11S2, H11S1, H11S3, YKA, H11N3, H11N1, H11N2, PMG, ZALV, CMAR, BVAR, KURBB, etc.

IDC 15 11:03:31.7-1.1, 4'23S; 129.44E, h0km, mb3.9/6, mb1 4.1/9, mb1mx3.7/50, mbtmp3.9/9, ML3.6/3, MS3.0/2, Ms1 3.0/2, ms1mx2.5/27, Error ellipse: s-maj=47.2km s-min=22.3km az=73.0

NEIC 15 11:03:34.1-1.6, 4'13S; 0.04; 129.55E; 0.09, h1(km), 1km, mb4.1/7, Error ellipse: s-maj=15.3km s-min=4.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MASAI, AAI, FAKI, SIJU, SWI, TNTI, BATI, MTN, WRA, COEN, PSA00, AS31, ASAR, ASAR, ASAR, CMAR, ASAJ, SONM, MK31, ZALV, ZALV, Vnda, BVAR, ABKAR, etc.

IDC 15 11:06:10.6-5.5, 6'33S; 150.51E, h58km, 47km, mb3.6/8, mb1 3.8/9, mb1mx3.4/43, mbtmp3.9/9, ML1.8/1, MS1.1/1, Ms1 3.1/1, ms1mx2.5/23, Error ellipse: s-maj=48.5km s-min=27.9km az=115.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG, WRA, DZM, ASAR, STKA, FITZ, SONM, MKAR, ILAR, INK, TORDI, etc.

IDC 15 11:09:45.8-1.3, 4'19S; 129.30E, h0km, mb3.6/3, mb1 3.8/6, mb1mx3.2/54, mbtmp3.7/6, ML3.4/3, Error ellipse: s-maj=53.3km s-min=24.6km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI, AAI, FAKI, SIJU, SWI, WRA, ASAR, SONM, MKAR, KURBB, etc.

IDC 15 11:09:58.8-4.30, 0.4678N; 65.91E, h0km, Error ellipse: s-maj=182.5km s-min=136.4km az=155.0, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I31KZ, I46R, I34M, I18DK, etc.

EAF 15 11:19:27.4-2.8, 25.96S; 29.51E, h10km, MD3.5 BUL 15 11:19:27.4-2.3, 25.97S; 29.36E, h10km, MD3.6, South Africa

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

Table with columns: MSNA, MATP, MATP, MATP, BLWY, BLWY, BLWY, etc. Includes station names and coordinates.

TEH 15 11:24:09.8, 32.81N; 47.76E, h8km, ML3.0 ISN 15 11:24:10.0, 0.0, 0.5, 32.80N; 47.73E, h14km, 3km, ML2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DHL1, DHL1, IKFM, IDOB, IDOB, IDOB, IDOB, IDOB, IDOB, etc.

ILIN 15 11:27:02.9, 2.5, 51.49N; 174.58W, h22km, 15km, mb4.5/36, mb1 4.8/38, mb1mx4.4/56, mbtmp4.6/38, ML4.1/2, MS3.8/23, Ms1 3.8/23, ms1mx3.8/33, Error ellipse: s-maj=16.0km s-min=9.7km az=170.0

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

MOS 15 11:27:03.8, 0.9, 51.53N; 174.56W, h14km, mb5.0/32, Error ellipse: s-maj=8.9km s-min=5.9km az=101.6

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

NEIC 15 11:27:06.7, 1.9, 51.54N; 0.07; 174.62W; 0.10, h48km, 5km, mb4.6/144, ML4.5/22(AEIC), Error ellipse: s-maj=9.9km s-min=9.9km az=182.0

BGR 15 11:27:22.0, 0.0, 51.75N; 176.68W, h7km, mb5.0 ISN 15 11:27:05.0, 0.4, 51.49N; 0.07; 174.58W; 0.04, h38km, n622, n1909/616, mb4.8/154, MS4.1/30, 41C-21D, Andreon Islands

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

AKV 15 11:28:32.8, 2.8, 51.53N; 174.56W, h14km, mb5.0/32, Error ellipse: s-maj=8.9km s-min=5.9km az=101.6

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

15d 11h

FALS	False Pass	7.51	59	Pn	Pn	11 28 51.8	0.0
FALP	False Pass	7.51	59	P	P	11 28 52.2	+0.4
SDPT	Sand Point	9.26	60	Pn	Pn	11 29 17.8	+1.9
GAMB	Gambell	12.42	6	Pn	Pn	11 30 05.0	+6.0
SII	Sittling Island	13.00	59	Pn	Pn	11 30 07.0	0.0
P18K	Big Mountain	13.50	47	Pn	Pn	11 30 16.6	+2.8
P18K	Big Mountain	13.50	47	Pn	Pn	11 30 14.5	+0.7
ANM	Nome	13.97	17	P	Pn	11 30 19.4	-0.7
Q19K	Cape Douglas	14.04	50	Pn	Pn	11 30 21.0	-0.2
Q19K	Cape Douglas	14.04	50	Pn	Pn	11 30 20.9	-0.2
KDAK	Kodiak Island	14.17	55	Pn	Pn	11 30 20.4	-2.5
KDAK	0.8nm, 0.3s, baz=184, slow=23, SNR=1.8	14.17	55	Pn	Pn	11 30 21.8	-1.1
Q19K	Port Alsworth	14.28	45	Pn	Pn	11 30 25.9	+1.6
Q19K	Port Alsworth	14.28	45	Pn	Pn	11 30 23.7	-0.7
N19K	Bonanza Creek	14.52	42	Pn	Pn	11 30 28.8	+1.1
N19K	Bonanza Creek	14.52	42	Pn	Pn	11 30 28.0	+0.3
TNA	Tin City	14.52	11	Pn	Pn	11 30 30.8	+3.2
TNA	Tin City	14.52	11	Pn	Pn	11 30 28.8	+1.2
P19K	Oil Pt	14.53	47	Pn	Pn	11 30 28.4	+0.7
O20K	Slope Mountain	14.99	46	Pn	Pn	11 30 35.9	+2.0
M19K	Big River Lodg	15.15	39	P	P	11 30 39.6	-1.0
M19K	comp=Z,24nm,0.8s	15.15	39	P	P	11 30 36.4	-1.0
M19K	Big River Lodg	15.15	39	P	P	11 30 38.1	+2.1
TTA	Tatalina	15.18	34	P	P	11 30 40.5	-0.5
TTA	comp=Z,23nm,1.0s	15.18	34	P	P	11 30 40.5	-0.5
TTA	Tatalina	15.18	34	P	P	11 30 40.0	-1.0
HTA	comp=Z,229,SNR=9.3	15.27	49	Pn	Pn	11 30 39.0	+1.5
HTA	Home	15.27	49	Pn	Pn	11 30 39.0	+1.5
CNPM	China Poot	15.41	49	Pn	Pn	11 30 38.2	-1.2
CNPM	comp=Z,62nm,1.2s	15.41	49	Pn	Pn	11 30 37.2	-1.2
BRKM	Bradley Lake	15.66	49	Pn	Pn	11 30 41.1	-1.6
BRKM	comp=Z,26nm,0.8s	15.66	49	Pn	Pn	11 30 58.3	-1.6
L20K	Farewell, AK	15.68	37	P	Pn	11 30 43.1	+0.3
BRSE	Bradley Lake S	15.72	49	Pn	Pn	11 30 42.9	-0.6
SPU	Mount Spurr	15.73	43	P	Pn	11 30 45.4	+1.8
K20K	Telida	16.13	35	P	P	11 30 51.4	-0.1
K20K	Telida	16.13	35	P	P	11 30 50.7	-0.8
GCSA	Galena City Sc	16.16	28	P	Pn	11 30 51.6	-0.1
SUA	Susitna One	16.42	43	Pn	Pn	11 30 52.4	-0.1
SUA	Susitna One	16.42	43	Pn	Pn	11 30 52.2	-0.2
PET	Petropavlovsk	16.43	286	eP	Pn	11 30 51.0	-1.5
PET	comp=Z,600nm,19.0s	16.43	286	eP	Pn	11 33 50.5	-3.0
PET	comp=Z,600nm,18.0s	16.46	49	Pn	Pn	11 30 51.3	-1.5
SEW	Seward	16.46	49	Pn	Pn	11 30 51.1	-1.7
SEW	comp=Z,249	16.46	49	Pn	Pn	11 30 51.1	-1.7
O22K	Cooper Landing	16.47	47	Pn	Pn	11 30 52.4	-0.5
O22K	Cooper Landing	16.47	47	Pn	Pn	11 30 52.4	-0.5
PPLA	Purkeypile	16.56	38	P	P	11 30 56.9	+0.5
PPLA	comp=Z,31nm,0.8s	16.56	38	P	P	11 31 04.7	+0.5
J20K	Purkeypile	16.56	38	P	Pn	11 30 54.4	+0.2
J20K	comp=Z,23	16.56	38	P	Pn	11 30 54.4	+0.2
PPLA	Nowinta River	16.62	32	P	Pn	11 30 57.0	+0.1
J20K	Nowinta River	16.62	32	P	Pn	11 30 56.1	+1.2
RC01	Rabbit Creek A	16.70	45	Pn	Pn	11 30 55.6	-0.3
RC01	Rabbit Creek A	16.70	45	Pn	Pn	11 30 56.5	+0.7
M22K	Willow	16.82	43	P	P	11 30 58.4	-0.7
CAST	Castle Rocks	16.89	36	P	Pn	11 31 00.2	+0.3
CAST	Castle Rocks	16.89	36	P	Pn	11 30 55.9	-2.3
PEA0B	Petropavlovsk	17.00	286	eP	P	11 31 00.5	-0.6
PEA0B	Petropavlovsk	17.00	286	eP	P	11 31 00.6	-0.6
PEA0B	comp=Z,76nm,1.4s	17.00	286	eP	P	11 31 20.8	-0.6
PETK	Petropavlovsk	17.00	286	Pn	Pn	11 31 00.0	-1.1
PETK	comp=Z,1.1nm,0.3s,baz=91,slow=14,SNR=22	17.00	286	Pn	Pn	11 31 01.2	+0.1
CUT	Chulitna	17.06	41	P	P	11 31 02.2	+0.4
CUT	comp=Z,48nm,1.2s	17.06	41	P	P	11 31 29.1	+0.4
CUT	Chulitna	17.06	41	P	P	11 31 01.4	-0.3
CHUM	Lake Minchumin	17.08	34	P	Pn	11 31 02.5	+0.6
PMR	Palmer	17.18	44	P	P	11 31 01.4	-0.3
PMR	comp=Z,8.0nm,0.6s	17.18	44	P	P	11 31 01.4	-0.3
PMR	Palmer	17.18	44	P	Pn	11 31 00.7	-1.0
PWL	Port Wells	17.25	47	Pn	Pn	11 31 01.7	-1.0
PWL	comp=Z,26nm,0.7s	17.25	47	Pn	Pn	11 31 21.9	-1.0
PWL	Port Wells	17.25	47	Pn	Pn	11 31 00.5	-2.2
GHO	Glory Hole Cre	17.34	44	P	Pn	11 31 03.0	-0.9
KTH	Kantishna Hill	17.40	37	P	Pn	11 31 06.5	+1.0
KTH	comp=Z,30nm,0.8s	17.40	37	P	Pn	11 31 24.6	+1.0
KNK	Knik Glacier	17.40	45	Pn	Pn	11 31 03.5	-1.1
KNK	Knik Glacier	17.40	45	Pn	Pn	11 31 03.2	-1.4
TRF	Thorofare Moun	17.58	38	P	Pn	11 31 09.1	+1.4
TRF	Thorofare Moun	17.58	38	P	Pn	11 31 07.3	+0.4
SML	Sawmill	17.61	44	P	Pn	11 31 06.9	-0.4
SML	Sawmill	17.61	44	P	Pn	11 31 06.3	-0.9
BPAW	Bear Paw Mtn.	17.68	35	P	P	11 31 10.0	+1.4
BPAW	comp=Z,32nm,0.9s	17.68	35	P	P	11 31 27.1	+1.4
BPAW	Bear Paw Mtn.	17.68	35	P	P	11 31 08.7	0.0
GLI	Glacier Island	17.82	48	Pn	Pn	11 31 08.9	-0.8
GLI	Glacier Island	17.82	48	Pn	Pn	11 31 08.2	-1.6
WAT1	Susitna Watana	17.96	41	P	Pn	11 31 10.8	-0.8
IMAR	Indian Mountai	17.97	28	P	P	11 31 13.3	+1.5
I21K	Tanana	17.98	32	P	P	11 31 13.5	+1.6
I21K	Tanana	17.98	32	P	P	11 31 13.0	+1.1
H21K	Melozitna Rive	18.03	30	Pn	Pn	11 31 14.7	+2.4
H21K	comp=Z,48nm,1.2s	18.03	30	Pn	Pn	11 31 29.8	+2.4
H21K	Melozitna Rive	18.03	30	Pn	Pn	11 31 13.4	+1.1
SCM	Sheep Creek Mo	18.06	44	P	P	11 31 11.8	-1.1
SCM	comp=Z,35nm,0.7s	18.06	44	P	P	11 31 11.8	-1.1
SCM	Sheep Creek Mo	18.06	44	P	P	11 31 11.8	-1.1
SCM	comp=Z,34nm,0.7s	18.06	44	P	P	11 31 11.7	-1.1
FID	Port Fidalgo	18.07	48	Pn	Pn	11 31 10.7	-2.2
FID	comp=Z,28nm,0.6s	18.07	48	Pn	Pn	11 31 14.1	-2.2
RND	Reindeer	18.12	39	P	P	11 31 12.6	-0.9
RND	comp=Z,19nm,0.7s	18.12	39	P	P	11 31 12.6	-0.9
RND	Reindeer	18.12	39	P	P	11 31 12.6	-0.9
WAT6	Susitna Watana	18.19	42	P	P	11 31 13.5	-0.9
WAT6	comp=Z,25nm,0.5s	18.19	42	P	P	11 31 13.5	-0.9

2015 DEC

MCK	McKinley	18.25	38	P	P	11 31 14.9	0.0
MCK	comp=Z,32nm,0.9s	18.25	38	P	P	11 31 14.9	0.0
MCK	McKinley	18.25	38	P	P	11 31 14.9	0.0
MCK	comp=Z,32nm,0.9s	18.25	38	P	P	11 31 14.9	0.0
MCK	McKinley	18.25	38	P	P	11 31 14.5	-0.4
MCK	baz=240,SNR=9.1	18.25	38	P	P	11 31 14.5	-0.4
BWN	Browne	18.28	36	P	Pn	11 31 16.5	+1.2
BWN	comp=Z,58nm,0.9s	18.28	36	P	Pn	11 31 36.0	+1.2
MLY	Manley	18.31	33	P	Pn	11 31 17.1	+1.4
MLY	comp=Z,31nm,0.9s	18.31	33	P	Pn	11 31 17.1	+1.4
MLY	Manley	18.31	33	P	Pn	11 31 16.1	+0.4
MLY	baz=234,SNR=12	18.31	33	P	Pn	11 31 16.1	+0.4
EYAK	Cordova Ski Ar	18.35	49	P	P	11 31 14.4	-1.6
EYAK	comp=Z,53nm,1.4s	18.35	49	P	P	11 31 19.0	-1.6
EYAK	Cordova Ski Ar	18.35	49	P	P	11 31 15.0	-0.9
EYAK	baz=253	18.35	49	P	P	11 31 15.0	-0.9
SKR	Severo-Kuril's	18.38	279	eP	Pn	11 31 31.1	+1.5
SKR	comp=Z,82nm,1.2s	18.38	279	eP	Pn	11 31 31.1	+1.5
SKR	Severo-Kuril's	18.38	279	eP	Pn	11 31 31.1	+1.5
SKR	comp=Z,300nm,15.0s	18.38	279	eP	Pn	11 31 31.1	+1.5
SKR	comp=Z,200nm,16.0s	18.52	47	P	P	11 31 17.8	-0.1
DIV	Divide	18.52	47	P	P	11 31 18.5	+0.1
DHY	Denali Highway	18.56	41	P	P	11 31 18.5	+0.1
DHY	Denali Highway	18.56	41	P	P	11 31 18.1	-0.3
KLU	Klutina	18.57	46	P	P	11 31 17.6	-0.8
KLU	comp=Z,19nm,0.6s	18.57	46	P	P	11 31 36.4	-0.8
KLU	Klutina	18.57	46	P	P	11 31 16.9	-1.5
KLU	klutina	18.57	46	P	P	11 31 16.9	-1.5
NEA2	Nenana	18.65	36	P	P	11 31 19.6	+0.4
NEA2	baz=237,SNR=9.4	18.65	36	P	P	11 31 19.6	+0.4
M24K	Tolsona, Glenn	18.67	44	P	P	11 31 19.8	+0.3
M24K	comp=Z,38nm,0.6s	18.67	44	P	P	11 31 22.3	+0.3
M24K	Tolsona, Glenn	18.67	44	P	P	11 31 18.9	-0.7
M24K	baz=248	18.67	44	P	P	11 31 18.9	-0.7
RAGM	Ragged Mountai	18.82	50	P	P	11 31 21.0	-0.1
RAGM	comp=Z,43nm,1.1s	18.82	50	P	P	11 31 45.6	-0.1
RAGM	Ragged Mountai	18.82	50	P	P	11 31 21.0	-0.1
RAGM	comp=Z,43nm,1.1s	18.82	50	P	P	11 31 45.6	-0.1
KAIM	Kayak Island	18.83	52	P	Pn	11 31 23.3	+0.3
I23K	Minto, Yukon-K	18.85	34	P	Pn	11 31 22.7	+0.4
I23K	I23K	18.85	34	P	Pn	11 31 26.0	+0.4

MAJO	baz=297	36.42	265d	eP	P	11 34 06.7	+0.9
MAJO	comp=Z,23nm,1.1s				Pmax		
MAT	Matsushiro	36.42	265	P	P	11 34 06.4	+0.6
MJAR	Matsushiro Arr	36.42	265	P	P	11 34 05.8	0.0
MJAR	comp=Z,2.8nm,0.6s,baz=42,slow=7.3,SNR=5.2				LR		
MJAR	comp=Z,101nm,21.9s,baz=50,slow=33				LR	11 47 12.3	
MJAR	Matsushiro Arr	36.42	265	P	P	11 34 05.6	-0.2
K05A	Summer Lake	36.83	82	P	P	11 34 11.6	+2.2
O02D	Mt. Diablo Mer	37.08	87	P	P	11 34 13.2	+1.7
MDJ	Mudanjiang	37.15	282	P	P	11 34 11.8	-0.1
MDJ	comp=Z,29nm,1.0s				Pmax		
MDJ	comp=Z,170nm,3.5s				Pmax		
MDJ	Mudanjiang	37.15	282	P	P	11 34 11.3	-0.6
O03E	Paynes Creek	37.62	86	P	P	11 34 16.0	-0.1
MOD	Modoc Plateau	37.65	83	P	P	11 34 17.1	+0.8
MOD	comp=Z,19nm,1.4s				IAMB		
BMO	Blue Mountains	37.91	77	P	P	11 34 18.8	+0.4
BMO	comp=Z,8.0nm,1.4s				IAMB		
BMO	Blue Mountains	37.91	77	P	P	11 34 18.8	+0.4
BMO	comp=Z,8.2nm,1.4s				IAMB		
JTMT	Jette	38.28	71	P	P	11 34 23.8	+2.2
JTMT	comp=Z,8.6nm,1.1s				IAMB		
MSO	Missoula	38.93	72	P	P	11 34 27.8	+0.8
MSO	comp=Z,13nm,1.2s				IAMB		
BOD	Missoula	38.93	72	P	P	11 34 27.3	+0.3
BOD	baz=300				eP		
BOD	Bodaibo	40.02	308	eP	Pmax	11 34 34.8	-1.0
CN2	Changchun	40.11	283	eP	S	11 34 36.3	-0.4
CN2	comp=Z,10.0nm,0.8s				Pmax		
CN2	comp=Z,100nm,3.0s				Pmax		
CN2	comp=Z,200nm,17.0s				LR		
CN2	comp=Z,200nm,12.0s				LR		
HRV	Holter Researc	40.24	71	P	P	11 34 38.4	+0.5
HLID	Hailey	40.35	77	P	P	11 34 39.6	+0.7
HLID	Hailey	40.35	77	P	P	11 34 39.0	0.0
BCYI	Bear Canyon	40.56	75	P	P	11 34 41.7	+0.9
MCMT	McKenzie Canyo	40.62	74	P	P	11 34 42.0	+0.8
EGMT	Eagleton	40.80	68	P	P	11 34 43.3	+0.8
EGMT	comp=Z,13nm,0.9s				IAMB		
NVAR	Minna Array Bay	40.91	86	P	P	11 34 43.1	-0.6
NVAR	comp=Z,0.8nm,0.6s,baz=294,slow=6.8,SNR=6.6				ScP		
NV11	Minna Array Sit	41.00	86	P	P	11 34 43.0	+1.0
ELK	Elko	41.44	81	P	P	11 34 49.2	+1.2
ELK	comp=Z,7.0nm,0.7s				Pmax		
ELK	Elko	41.44	81	P	P	11 34 49.1	+1.2
YHL	Hebgen Lake	41.61	73	P	P	11 34 49.1	-0.4
YHL	comp=Z,24nm,1.5s				IAMB		
YHH	Holmes Hill	41.84	73	P	P	11 34 51.9	+0.6
YHH	comp=Z,19nm,1.3s				IAMB		
KSR5	Korea Array	42.27	274	P	P	11 34 55.2	+0.7
KSR5	comp=Z,8.7nm,0.8s,baz=55,slow=7.8,SNR=17				LR		
KSRS	comp=Z,68nm,19.5s,baz=51,slow=36				LR	11 52 19.5	
KS19	Wonju Array S1	42.28	274	P	P	11 34 57.2	+2.6
KSAR	Wonju Array Be	42.31	274	P	P	11 34 55.8	+1.0
KSAR	Wonju Array Be	42.31	274	P	P	11 34 55.8	+1.0
RLMT	Red Lodge	42.60	72	P	P	11 34 56.0	-1.4
R11A	Troy Canyon, C	42.65	84	P	P	11 34 58.6	+0.7
R11A	Troy Canyon, C	42.65	84	P	P	11 34 58.0	+0.1
DUG	Dugway, Tooele	43.26	80	P	P	11 35 03.1	+0.4
BW06	Boulder Array	43.74	75	P	P	11 35 07.2	+0.5
BW06	comp=Z,16nm,1.2s				IAMB		
BW06	Boulder Array	43.74	75	P	P	11 35 06.0	-0.7
PD31	Pinedale Array	43.74	75	P	P	11 35 07.2	+0.5
PD31	comp=Z,16nm,1.2s				IAMB		
PDAR	Pinedale Array	43.74	75	P	P	11 35 07.0	+0.4
PDAR	comp=Z,6.5nm,0.8s,baz=315,slow=3.2,SNR=36				LR		
DGMT	Dagmar	43.76	65	P	P	11 35 06.4	-0.1
DGMT	baz=302				LR	11 53 10.7	
GSC	Goldstone, Bar	43.80	88	P	P	11 35 07.2	+0.1
TULEG	Thule	44.04	19	P	P	11 35 08.7	+0.4
RDMU	Red Mountain	45.02	77	P	P	11 35 18.0	+1.1
NR1K	Noril'sk	45.64	331	eP	P	11 35 21.1	-0.1
NR1K	comp=Z,9.5nm,0.4s,baz=78,slow=10,SNR=5.0				PcP		
NR1K	comp=Z,5.9nm,0.7s,baz=97,slow=2.9,SNR=4.9				PcP		
NR1K	Noril'sk	45.64	331	eP	P	11 35 21.4	+0.3
NR1K	comp=Z,6.0nm,1.0s				Pmax		
O20A	White River Ci	46.09	77	P	P	11 35 24.9	-0.5
RSSD	Black Hills	46.26	70	P	P	11 35 26.9	+0.3
RSSD	comp=Z,5.0nm,0.7s				Pmax		
RSSD	Black Hills	46.26	70	P	P	11 35 26.7	+0.3
RSSD	comp=Z,4.6nm,0.7s				IAMB		
RSSD	Black Hills	46.26	70	P	P	11 35 25.9	-0.7
MDND	Maddock	46.69	63	P	P	11 35 28.9	-0.8
WUJZ	Wupatki	47.05	84	P	P	11 35 33.3	+0.4
ULM	Lac du Bonnet	47.39	59	P	P	11 35 35.2	+0.1
ULM	comp=Z,7.0nm,0.5s,baz=298,slow=8.0,SNR=8.8				P		
ULM	Lac du Bonnet	47.39	59	P	P	11 35 35.2	+0.1
BJI	Beijing	47.92	285	P	Pmax	11 35 40.3	+1.0
TLY	Talaya	48.21	304	P	P	11 35 41.9	+0.4
TLY	comp=Z,7.0nm,0.5s,baz=27,slow=5.2,SNR=9.9				P		
TLY	Talaya	48.21	304	P	Pmax	11 35 42.3	+0.8
TLY	comp=Z,39nm,1.1s				Pmax		
TLY	comp=Z,229nm,11.0s				MLR		
AGMN	Talaya	48.21	304	P	P	11 35 42.1	+0.6
AGMN	Agassiz Nation	48.50	61	P	P	11 35 43.8	0.0
AGMN	Agassiz Nation	48.50	61	P	P	11 35 42.6	-1.1
214A	Organ Pipe Nat	48.51	89	P	P	11 35 43.4	-0.7
214A	Organ Pipe Nat	48.51	89	P	P	11 35 43.4	-0.7
ULN	Ulanbaatar	48.56	298d	eP	P	11 35 44.7	+0.3
ULN	comp=Z,7.0nm,1.0s				Pmax		
ULN	Ulanbaatar	48.56	298	P	P	11 35 44.9	+0.5
ULN	comp=Z,5.2nm,0.8s				IAMB		
Q24A	Divide	48.70	76	P	P	11 35 45.2	-0.5
Q24A	baz=308				P		
S0NM	Songino Array	48.94	299	P	P	11 35 47.3	+0.1
S0NM	comp=Z,5.6nm,0.9s,baz=49,slow=8.2,SNR=29				PcP		
S0NM	Songino Array	48.94	299	P	P	11 37 09.7	-1.3
S0NM	comp=Z,4.4nm,0.7s,baz=56,slow=2.3,SNR=8.7				PcP		
S0NM	comp=Z,4.4nm,0.7s,baz=56,slow=2.3,SNR=8.7				ScP		

S0NM	comp=Z,0.7nm,0.9s,baz=37,slow=3.6,SNR=3.4				LR	11 57 47.1	
S0NM	comp=Z,2.235nm,19.1s,baz=38,slow=38				LR		
S0NM	Songino Array	48.94	299	P	P	11 35 47.4	+0.1
S0NM	comp=Z,4.2nm,0.8s				IAMB		
UPNV	Upernavik	48.98	20	iP	P	11 35 46.2	-0.8
UPNV	comp=Z,13nm,0.5s				IAMB		
SUSD	Miller	49.02	67	P	P	11 35 46.4	-1.4
SUSD	baz=307,SNR=5.2				P		
ZAK	Zakamensk	49.14	303	eP	P	11 35 48.3	-0.4
ZAK	comp=Z,16nm,1.1s				Pmax		
ZAK	Zak				Pmax		
TUC	Tucson	49.54	87	P	P	11 35 51.7	-0.2
TUC	baz=312				P		
MOY	Mondy	49.58	305	eP	P	11 35 52.0	-0.1
MOY	comp=Z,2.22nm,2.4s				Pmax		
TIA	Tai'an	49.76	280	IP	Pmax	11 35 54.0	+0.5
TIA	comp=Z,19nm,1.0s				Pmax		
GUMO	Guam	49.90	236	LR	LR	11 56 00.6	
GUMO	comp=Z,43nm,19.0s,baz=102,slow=35				LR		
HHC	Hu-ho-hao-te	50.18	288	eP	P	11 35 56.6	-0.2
HHC	comp=Z,9.0nm,0.8s				Pmax		
HHC	comp=Z,170nm,6.9s				LR		
HHC	comp=Z,190nm,16.2s				LR		
HHC	comp=Z,220nm,16.2s				LR		
HHC	comp=Z,150nm,16.2s				LR		
KSCO	Kaye Shedlock	50.19	75	P	P	11 35 56.5	-0.5
KSCO	baz=309				P		
T25A	Trinidad	50.31	78	P	P	11 35 57.6	-0.3
T25A	baz=310				P		
SPA0	Spitsbergen Ar	50.43	357	eP	P	11 35 58.3	+0.2
ANMO	Albuquerque	50.47	811	eP	P	11 35 59.7	+0.5
ANMO	Albuquerque	50.47	81	P	P	11 35 58.9	-0.3
Y22D	IRIS PASSCALI I	50.76	82	P	P	11 36 01.2	-0.1
Y22D	baz=311				P		
ECSD	EROS Data Cent	50.79	66	P	P	11 36 00.5	-0.8
ECSD	EROS Data Cent	50.79	66	P	P	11 36 00.7	-0.6
DAG	Danmarks Havn	51.10	7	iP	IAMB	11 36 01.5	-1.6
DAG	comp=Z,2.0nm,0.9s				IAMB		
BGNE	Belgrade	51.35	69	P	P	11 36 04.3	-1.2
BGNE	baz=308				P		
NJ2	Nanjing	51.44	275	eP	P	11 36 06.1	-0.1
NJ2	comp=Z,10.0nm,0.5s				Pmax		
TYM	Taiyuan	51.65	285	eP	P	11 36 09.6	+1.8
TYM	Marine on St.	52.02	63	P	P	11 36 09.7	-0.7
TYM	baz=310				P		
CBKS	Cedar Bluff	52.05	73	P	P	11 36 10.5	-0.3
CBKS	baz=310				P		
SUMG	Summit	52.53	15	iP	IAMB	11 36 14.0	-0.3
SUMG	comp=Z,3.7nm,0.5s				IAMB		
DBG	Daneborg	53.31	8	iP	IAMB	11 36 17.4	-2.1
DBG	comp=Z,3.3nm,0.8s				IAMB		
MSTX	Muleshoe	53.40	80	P	P	11 36 21.1	+0.3
MSTX	baz=312				P		
KSU1	Kansas State U	53.73	71	P	P	11 36 22.2	-0.9
KSU1	baz=311				P		
ICESC	Greenland Ices	55.26	18	iP	IAMB	11 36 33.1	-1.0
ICESC	comp=Z,9.0nm,0.5s				IAMB		
WHN	Wuhan	55.28	277	P	P	11 36 36.1	+1.7
ZALV	Zalesovo Beam	55.84	315	P	P	11 36 38.0	-0.1
ZALV	comp=Z,1.2nm,0.4s,baz=32,slow=8.7,SNR=4.0				P		
ZALV	comp=Z,3.7nm,0.6s,baz=46,slow=4.9,SNR=10				PcP		
ZALV	comp=Z,1.34nm,18.3s,baz=44,slow=38				LR	12 02 21.2	
ZALV	Zalesovo Beam	55.84	315	P	P	11 36 37.6	-0.5
SSLB	Sunglung	55.95	266	P	P	11 36 39.7	+0.3
TX31	Lajitas Ar. Si	56.02	84	P	P	11 36 40.0	+0.2
TX31	Lajitas Array	56.02	84	P	P	11 36 39.7	-0.1
TXAR	comp=Z,2.2nm,0.6s,baz=300,slow=5.3,SNR=14				ScP		
TXAR	comp=Z,0.3nm,0.8s,baz=288,slow=3.7,SNR=3.0				P		
P40A	Paris	56.17	67	P	P	11 36 39.7	-0.6
XAN	Xi'an	56.22	284	P	P	11 36 41.8	+0.6
XAN	comp=Z,31nm,1.0s				Pmax		
XAN	comp=Z,170nm,3.7s				Pmax		
XAN	comp=Z,250nm,19.9s				LR		
XAN	comp=Z,220nm,20.1s				LR		
XAN	comp=Z,200nm,19.2s				LR		
HDIL	Hopedale	57.00	65	P	P	11 36 46.1	-0.5
DGZ	Jazzator, Alta	57.52	310c</				

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZEA, P18K, MAW, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RND, CRQE, M02C, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PRP, PALK, M02C, etc.

Table with columns: DBIC, Dimbokro, 168.12 222, PKP, PKPdf, 13 49 39.0 -1.4, etc.

IDC 15 13:35:06.2, 9.1, 35.27N, 70.63E, h75km, 5.1km, mb3.9/1, mb1 3.7/7, mb1mx3.1/66, mbmtb3.9/7, ML3.6, MS3.4/1, Ms1 3.4/1, ms1mx2.5/46, Error ellipse: s-maj=128.7km s-min=34.2km az=162.0

NNC 15 13:35:14.9, 13.0, 36.57N, 69.55E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=115.3km s-min=87.6km az=161.0

ISC 15 13:35:12.5, 1.0, 35.95N, 0.008, 70.22E, 0.07, h124km, n25, z=257/29, 3C-2D, Hindu Kush region

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

NCEDC 15 13:49:19.6, 1.6, 36.24N, 0.03, 120.81W, 0.03, h6km, 5.6km, ML3.0/23, ML2.9/34(NEIC), Error ellipse: s-maj=5.6km s-min=1.7km az=222.0

ANF 15 13:49:19.9, 1.4, 36.18N, 120.74W, h5km, ML3.0/12, Error ellipse: s-maj=15.5km s-min=7.2km az=121.0

NEIC 15 13:49:19.7, 1.4, 36.21N, 0.02, 120.86W, 0.03, h14km, 4km, Error ellipse: s-maj=4.1km s-min=1.6km az=48.0

ISC 15 13:49:19.3, 0.9, 36.22N, 0.03, 120.85W, 0.03, h8km, 6km, n61, c=64/72, Central California

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

Table with columns: MLAC, tungsten Hills, 2.16 58, Pn, 13 50 22.9 +0.5, etc.

NEIC 15 14:04:42.6, 1.2, 17.89S, 0.10, 173.33W, 0.09, h124km, 11km, mb4.7/15, Error ellipse: s-maj=14.3km s-min=12.2km az=198.0

IDC 15 14:04:42.6, 1.7, 17.82S, 173.50W, h124km, 18km, mb3.6/6, mb1 3.9/7, mb1mx3.6/36, mbmtb4.2/9, MS3.3/3, ms1mx3.0/26, Error ellipse: s-maj=25.1km s-min=14.8km az=131.0

ISC 15 14:04:41.1, 0.6, 17.96S, 0.07, 173.45W, 0.06, h100km, n41, c=165/30, mb4.7/14, Tonga Islands

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

Table with columns: ILAR, Eielson Array, 84.95 11, P, 14 17 03.5 -1.1

SOME 15 14:16:41.6, 43.67N, 69.75E, NNC 15 14:16:42.6, 0.4, 43.63N, 69.71E, h0km, mb3.5, mpv3.2, 12C-8D, Error ellipse: s-maj=4.0km s-min=1.8km az=53.0, Suspected Mining explosion, Central Kazakhstan

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

IDC 15 14:19:00.8, 1.1, 25.43N, 142.02E, h0km, mb3.3/5, mb1 3.9/7, mb1mx3.4/43, mbmtb3.5/7, ML3.3/1, Error ellipse: s-maj=44.6km s-min=18.0km az=93.0

ISC 15 14:19:02.3, 1.1, 25.49N, 0.09, 142.02E, 0.2, h10km, n14, c=1915/9, mb3.4/5, Volcano Islands region

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

TAP 15 14:50:34.0, 24.04N, 122.63E, h19km, 1km, ML3.4, D JMA 15 14:50:34.5, 0.2, 24.04N, 122.62E, h24km, 3km, M2.9

ISC 15 14:50:33.9, 1.0, 24.03N, 122.62E, 0.02, h16km, 9km, n122, c=97/72, Taiwan region

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

15d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like ESL, TWE, TWB1, ENTT, ENTF, EDGH, NDAT, TIPB, NNSB, NNS, NGS, WHF, NNLW, FUSS, ECBN, JKRS, NWF, WFSB, EHY, YHNB, NSK, CHGB, OWD, TWA, TWT, TDCB, NHDH, YULB, EYUL, VVDT, TWF1, TATO, JIU, FULB, CHKT, YM08, WPL, ANP, TWS1, SSLB, DPDB, WHP, WCS, NJD, SMLT, LIOB, ECST, NNS, EDH, NCUH, YUC, YUS, JISG, WHYT, ELDTW, TWQ1, NSY, ALS, NMLH, WJS, WWF, LONT, WNT, WNT1, TCU, CHNS, WDJ, TWGBT, WCHH, STYH, STYT, WGK, WDLH, TPUB, CHN4, JTJ, WTP, CHN2, WRL.

2015 DEC

Table with columns: WTK, Tuku, 2.07 261 eP, Pb, 14 51 09.8 -1.4. Lists various stations like CHY, SLGT, ECL, SGST, CHN1, TWK, SNST, SSD, TSMG, ICHU, MASBT, EAST, SLIU, SCZT, JMJ, HEN, TWKBT, TWK1, PHUB, PTMZ, LYJJ, XPSS, KNM, KNMB, DZM, WRA, ASAR, ILAR, ESCA, ESCA, SAOF, RORO, TURF, ELIF, CANO, GBOS, MVIF, SP1F, ENR, ENR, CALF, ISO, FRF, FRF, FRF, PCP, LMR, LMR, PZZ, PZZ, SURF, SURF, PGF, OGAG, MBDF, MBDF, SMRF, SMRF, SMRF, ORIF, ORIF, ORIF, ORIF, LPG, LPG, LPG, LPL, LPL, LPL, VIVF, VIVF, VIVF, VIVF.

778

Table with columns: LASF, Ste Croix, 3.01 281 ePn, Pn, 14 59 26.4 -0.6. Lists various stations like MSVF, STKA, ASAR, WRA, BSO1, BSO3, JMKM, JMKN, JOD2, JHJ2, JHJ, JHJ, JAG, JRY, JFT, JFT, JYJ, MJAR, MAT, MAT, JCJ, ASAJ, ASAJ, ASAJ, H1S1, H1S3, H1S2, SONM, CMAR, MKAR, ILAR, WRA, ASAR, ENJ, ENJ, EALB, EALB, EBER, EBER, EBER, CART, CART, CART, CART, EMEL, EMEL, EMEL, GOG, TAF, TAF, EMUR, EMUR, EZAR, EZAR, OKGL, OKGL, ELGU, ELGU, EQES, EQES, SESP, SESP, SESP, SESP, JBK, JBK, PALE, PALE, PALE, ETOB, ETOB, AFON, AFON, AFON, AFON, EMIJ, EMIJ, EADA, EADA, EADA, EADA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10N3 ASCENSION HYDR9.27, PB16 IPOC Station P, SMTB Santa Maria do, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOAV Boa Vista, TORO Torodi Arr, SONM Songoi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCRK Leigh Creek, NAPP Napperby, TWOA Tennyson Woods, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, SNAA Snaa, QSPA South Pole Qui, etc.

15d 20h

TIPB	Shuangxi baz=313	0.68 313	P	Pn	19 37 09.5 -0.5
TIPB			S	Sn	19 37 19.3 -0.7
ENTT	Nioudou baz=280	0.75 280	P	Pn	19 37 11.0 +0.2
ENTT			eS	Sn	19 37 21.4 0.0
ETL	Fush Village baz=242	0.77 243	eP	Pn	19 37 11.0 -0.1
ETL			eP	Sn	19 37 21.5 -0.4
NWF	Wu-fen Shan baz=317	0.78 316	P	Pn	19 37 10.9 -0.4
NWF			S	Sn	19 37 21.7 -0.5
NACB	Ninganchiao baz=244	0.79 245	eP	Pn	19 37 10.6 -0.7
NACB			eS	Sn	19 37 22.0 -0.3
NDT	Datong Townshi baz=276	0.79 277	P	Pn	19 37 11.8 +0.4
NDT			S	Sn	19 37 22.6 +0.2
TWD	Chiawan baz=237	0.83 239	P	Pn	19 37 11.3 -0.5
TWD			S	Sn	19 37 22.6 -0.6
NWL	Wulai baz=288	0.84 289	P	Pn	19 37 12.0 0.0
NWL			S	Sn	19 37 23.6 0.0
TWA	Mucha baz=303	0.86 303	P	Pn	19 37 11.9 -0.4
TWA			eS	Sn	19 37 24.1 +0.1
ETLH	Xiulin Townshi baz=249	0.87 250	eP	Pn	19 37 12.1 -0.4
ETLH			S	Sn	19 37 23.6 -0.7
HWA	Hwaiien baz=231	0.88 233	eP	Pn	19 37 12.7 +0.1
HWA			eS	Sn	19 37 24.7 +0.3
NHHD	Xindian Distri baz=300	0.90 301	P	Pn	19 37 12.3 -0.4
NHHD			S	Sn	19 37 24.4 -0.5
NNSB	Datong baz=264	0.91 265	P	Pn	19 37 12.7 -0.4
NNSB			eS	Sn	19 37 25.4 +0.1
NNS	Nan Shan baz=265	0.92 266	P	Pn	19 37 12.9 -0.3
NNS			eS	Sn	19 37 24.8 -0.7
YHNB	Yeheng baz=280	0.92 280	P	Pn	19 37 13.4 +0.1
YHNB			S	Sn	19 37 25.8 +0.2
NSK	Sanguang baz=280	0.94 281	P	Pn	19 37 13.5 +0.1
NSK			S	Sn	19 37 26.2 +0.2
TAP	Taipei baz=304	0.95 304	eP	Pn	19 37 13.6 +0.1
TAP			eS	Sn	19 37 25.8 -0.3
YM01	YM01 baz=311	0.97 311	eP	Pn	19 37 13.1 -0.7
YM01			eS	Sn	19 37 26.0 -0.6
ANP	Anpu baz=311	1.03 311	eP	Pn	19 37 14.8 +0.1
ANP			eS	Sn	19 37 28.2 +0.1
TWY	Chenhua baz=318	1.04 318	eP	Pn	19 37 14.9 +0.3
TWY			eS	Sn	19 37 28.4 +0.2
TWS1	Kuangyinshan baz=304	1.05 304	eP	Pn	19 37 14.6 -0.3
TWS1			eS	Sn	19 37 28.6 +0.1
FUSS	Fushou baz=255	1.06 256	eP	Pn	19 37 15.1 -0.1
FUSS			eS	Sn	19 37 28.9 -0.3
NTST	Danshui baz=308	1.07 308	eP	Pn	19 37 14.8 -0.2
NTST			eS	Sn	19 37 28.5 -0.4
WHF	Hehuan Shan baz=249	1.07 251	eP	Pn	19 37 15.4 -0.2
WHF			eS	Sn	19 37 29.1 -0.6
ESL	Shilin baz=230	1.10 231	P	Pn	19 37 14.6 -0.9
ESL			eS	Sn	19 37 29.4 -0.4
TWT	Tachien baz=256	1.12 257	eP	Pn	19 37 16.2 +0.3
TWT			eS	Sn	19 37 30.7 +0.3
TDCB	Techi baz=256	1.14 257	P	Pn	19 37 16.2 +0.1
TDCB			S	Sn	19 37 30.6 -0.2
NCUH	Zhongli baz=293	1.18 293	eP	Pn	19 37 16.8 +0.3
NCUH			eS	Sn	19 37 31.8 +0.3
CHGB	Renai baz=247	1.18 248	P	Pn	19 37 16.9 +0.1
CHGB			eS	Sn	19 37 31.7 -0.3
EGFH	Guangfu baz=225	1.20 226	eP	Pn	19 37 17.0 +0.2
EGFH			eS	Sn	19 37 32.5 +0.3
OWD	Renai baz=242	1.23 244	eP	Pn	19 37 17.4 +0.1
OWD			eS	Sn	19 37 32.3 -0.6
LI0B	Emei baz=276	1.25 277	eP	Pn	19 37 17.6 +0.1
LI0B			eS	Sn	19 37 33.7 +0.4
IRIF	Iriomote-Funau baz=275	1.25 98	P	Pn	19 37 17.0 -0.5
IRIF			eS	Sn	19 37 33.1 -0.1
NSTT	Nanjiang baz=275	1.26 276	eP	Pn	19 37 17.8 +0.2
NSTT			eS	Sn	19 37 33.5 0.0
WHP	Taichung City baz=259	1.32 260	eP	Pn	19 37 18.9 +0.3
WHP			eS	Sn	19 37 35.0 -0.1
HGSD	Ruisui baz=219	1.33 221	eP	Pn	19 37 18.9 +0.2
HGSD			eS	Sn	19 37 35.5 +0.2
VWDT	VWDT baz=235	1.35 237	eP	Pn	19 37 18.8 -0.1
VWDT			eS	Sn	19 37 35.2 -0.6
EHY	Hungye baz=222	1.39 224	eP	Pn	19 37 19.7 +0.3
EHY			eS	Sn	19 37 36.7 +0.1
WCS	Beigang Elemen baz=251	1.41 252	eP	Pn	19 37 20.0 +0.3
WCS			eS	Sn	19 37 37.3 +0.2
NMLH	Miaoili baz=271	1.44 272	eP	Pn	19 37 20.5 +0.3
NMLH			eS	Sn	19 37 38.3 +0.3
TWQ1	Liyutan baz=263	1.47 264	eP	Pn	19 37 20.6 +0.1
TWQ1			eS	Sn	19 37 38.6 0.0
SSLB	Suanglung baz=240	1.48 241	eP	Pn	19 37 20.9 +0.2
SSLB			eS	Sn	19 37 38.9 -0.1
SMLT	Sun Moon Lake baz=244	1.48 246	eP	Pn	19 37 21.0 +0.2

2015 DEC

SMLT	baz=244		eS	Sn	19 37 39.1 0.0
YULB	Yu-yi baz=220	1.48 222	eP	Pn	19 37 20.9 +0.2
YULB			eS	Sn	19 37 38.9 -0.2
EYUL	Yuli baz=219	1.50 220	eS	Sn	19 37 39.4 -0.2
TYC	Yuch baz=245	1.51 247	eP	Pn	19 37 21.2 +0.2
TYC			eS	Sn	19 37 39.6 0.0
JKRS	Kuro-shima baz=256	1.51 100	P	Pn	19 37 21.1 0.0
JKRS			eS	Sn	19 37 21.9 +0.2
TCU	Taichung baz=256	1.59 257	eP	Pn	19 37 22.4 +0.3
TCU			eS	Sn	19 37 41.6 +0.1
WHYT	Xinyi Township baz=239	1.61 240	eP	Pn	19 37 22.8 +0.3
WHYT			eS	Sn	19 37 42.1 0.0
JJU	Ishigaki jima baz=215	1.62 95	P	Pn	19 37 21.9 -0.6
JJU			S	Sn	19 37 41.4 -0.8
FULB	Fuli baz=216	1.64 217	eS	Sn	19 37 42.6 -0.1
WJS	Zhushan baz=245	1.65 246	eP	Pn	19 37 23.4 +0.4
WJS			eS	Sn	19 37 43.2 +0.1
WNT	Mingjing baz=247	1.67 248	eP	Pn	19 37 23.6 +0.4
WNT			eS	Sn	19 37 43.1 -0.3
ALS	Alishan baz=234	1.75 236	eP	Pn	19 37 25.0 +0.5
ALS			eS	Sn	19 37 45.4 -0.4
JISG	Ishigakijima baz=215	1.77 87	P	Pn	19 37 24.0 -0.5
JISG			eS	Sn	19 37 45.0 -0.8
CHNS	Tsauling baz=239	1.80 240	eP	Pn	19 37 25.6 +0.5
CHNS			eS	Sn	19 37 46.9 +0.2
ELDTW	Lidau baz=222	1.81 224	eP	Pn	19 37 25.3 +0.1
ELDTW			eS	Sn	19 37 46.7 -0.3
EDH	Donghe baz=212	1.81 213	eS	Sn	19 37 47.0 -0.1
WDLH	Douli baz=243	1.87 244	eP	Pn	19 37 26.3 +0.4
WDLH			eS	Sn	19 37 48.3 0.0
WRL	Guolierin Hig baz=251	1.92 252	eP	Pn	19 37 27.0 +0.4
WRL			eS	Sn	19 37 49.4 -0.3
LONT	Longtian baz=215	1.96 216	eS	Sn	19 37 50.8 +0.2
STYH	Taoyuan baz=227	1.98 228	eP	Pn	19 37 27.9 +0.5
STYH			eS	Sn	19 37 51.0 -0.1
WTK	Tuku baz=245	1.99 246	eP	Pn	19 37 28.1 +0.5
WTK			eS	Sn	19 37 51.1 -0.2
TPUB	Ta-pu baz=232	2.00 233	eP	Pn	19 37 28.2 +0.4
TPUB			eS	Sn	19 37 51.6 0.0
WTP	Ta-pu baz=231	2.04 232	eP	Pn	19 37 28.8 +0.4
WTP			eS	Sn	19 37 52.4 -0.4
CHY	Chiayi baz=240	2.05 241	eP	Pn	19 37 28.7 +0.3
CHY			eS	Sn	19 37 52.7 0.0
TWGBT	Beinan baz=214	2.06 215	eP	Pn	19 37 29.1 +0.5
TWGBT			eS	Sn	19 37 53.0 -0.1
TWG	Pinlang baz=214	2.06 216	eS	Sn	19 37 53.2 +0.1
JTJ	Tainan baz=232	2.12 86	P	Pn	19 37 29.5 +0.1
JTJ			eP	Pn	19 37 29.8 +0.3
TKW	Hsiyung baz=293	2.12 235	eP	Pn	19 37 54.3 -0.4
TKW			eS	Sn	19 37 54.3 -0.4
CHN1	Nanshi baz=231	2.14 232	eP	Pn	19 37 30.1 +0.4
CHN1			eS	Sn	19 37 54.8 -0.4
SNST	Tainan City baz=232	2.14 234	eS	Sn	19 37 54.9 -0.2
WSF	Szhu baz=245	2.15 247	eP	Pn	19 37 30.0 +0.3
WSF			eS	Sn	19 37 54.7 -0.5
SGST	Jiashian baz=228	2.17 230	eP	Pn	19 37 30.3 +0.3
SGST			eS	Sn	19 37 55.5 -0.3
SLGT	Lugui baz=225	2.19 227	eP	Pn	19 37 30.7 +0.4
SLGT			eS	Sn	19 37 56.0 -0.2
ICHU	Yijiu baz=238	2.23 240	eS	Sn	19 37 56.8 -0.4
ECL	Taimali baz=213	2.31 215	eS	Sn	19 37 58.9 -0.2
SSD	Sandimen baz=221	2.37 223	eP	Pn	19 37 32.7 -0.1
SSD			eS	Sn	19 38 00.0 -0.7
MASBT	Mashibuluo baz=219	2.47 221	eP	Pn	19 37 34.9 +0.7
MASBT			eS	Sn	19 38 02.9 -0.4
EAST	Anshuo baz=212	2.54 214	eP	Pn	19 37 35.3 +0.2
EAST			eS	Sn	19 38 03.8 -1.0
MATB	Ma-tsu baz=306	2.74 307	eP	Pn	19 37 38.6 +0.7
MATB			eS	Sn	19 38 09.4 -0.4
PHUB	Peng-hu baz=248	2.75 249	eS	Sn	19 38 09.0 -0.9
PTMZ	Houxiangcun baz=280	3.01 281	eP	Pn	19 37 42.3 +0.8
PTMZ			eS	Sn	19 38 15.5 -0.8
XPSS	Dashihi baz=321	3.12 321	eP	Pn	19 37 43.8 +0.8
XPSS			eS	Sn	19 38 18.7 -0.3
LYJJ	Jianjiangzhen baz=310	3.12 311	eP	Pn	19 37 43.9 +0.9
LYJJ			eS	Sn	19 38 18.5 -0.6
KNMB	Chin-men Tao baz=269	3.63 370	eP	Pn	19 37 50.8 +0.7
KNMB			eS	Sn	19 38 30.4 -1.3

IDC 15 19:47:30.4±1.6,8°44N-71°31W, h0km, mb3.3/1, mb1 3.8/3, mb1mx3.4/31, mbtmp3.7/3, ML2.8/2, Error ellipse: s-maj=42.3km s-min=26.4km az=147.0
 FUNV 15 19:47:33.0±1.1,8°49N-71°43W, h5km, MW3.8
 ISC 15 19:47:33.0±1.1,8°49N-0°03.71°37W±0.02, h11km, gkm, n2±1519/51, 1C-1D Venezuela
 Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

786

PAMC			eS	Sb	19 48 28.6 +1.2
PAMC			i	Pn	19 48 30.8
MCQV	Machiques comp=Z,220nm,0.4s	1.94 324	eP	Pn	19 48 06.2 +0.4
MCQV			eS	Pn	19 48 29.9 -0.2
OCAC	Ocana	1.95 263	eP	Pn	19 48 06.5 +0.4
OCAC			eS	Pn	19 48 31.0 +0.4
OCAC			i	Pn	19 48 34.0
TAMC	Tame, Arauca comp=Z,2µm,0.3s	2.08 192	eP	Pn	19 48 10.4 -0.4
TAMC			eS	Pg	19 48 39.7 -0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Fray Jorge, El Pedregal, La Serena, Tololo Observa, etc.

Table with columns: AC02, Maricunga, Az, Phase ID, Time, Res. Rows include stations like Maricunga, RFA, Panimavida, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like South Haven SW, Blackwell, Liberty Lake, etc.

IDC 15:20:54:1.0,6.5,4,19.585x179.29W,h627km,40km, mb2.6/3,mbj=1.94,mb1x2.7/26,mbtm3.5/4, Error ellipse: s-maj=195.5km s-min=28.8km az=152.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Nonsavu, Warramunga Arr, Alice Springs, etc.

KRNET 15:21:06:14.1±0.1,40.73N;77.93E,mb3.9 SOME 15:21:06:14.6,40.72N;78.03E,h5km IDC 15:21:06:16.4±2.9,40.88N;77.99E,h0km,mb3.1/1, mb1.3/1.5,mb1x2.7/70,mbtm3.1/5,ML2.5/4, Error ellipse: s-maj=30.5km s-min=15.6km az=178.0, NNC 15:21:06:19.0,1.4,40.88N;78.08E,h0km,mb4.3,mpv4.0, Error ellipse: s-maj=10.1km s-min=7.4km az=158.0, IDC 15:21:06:18.1±0.1,40.85N;0.077-77.94E,0.03,h10km,n75, @152/108.33C-9D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Kajsay, Przhival'sk, Ulhlh, etc.

15d 21h

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

2015 DEC

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

788

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUVIX, YUCAX, POT2, UABX, etc.

JMA 15 21:53:57.4-0.1, 30.85N:131.43E, h33km, 2km, M3.9
JMA Felt J1
NEIC 15 21:53:57.4-1.4, 30.84N:0.06:131.36E:0.07, h32km, 5km,
mb4.5/29, Error ellipse: s-maj=9.2km s-min=8.4km
bz=81.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JTN, JTN, JTSR, JMSR, etc.

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

BUI 15 22:07:17.5-0.0, 42.81N:146.88E, h43km, mb4.9/19,
mb4.6/38, Ms4.2/8, Ms7.3/9.9
NIED 15 22:07:19.3, 42.86N:146.54E, h43km, MW4.3, Moment
Tensor Solution, s3 Moment tensor: Scale 10^19Nm;
Mr2.43; Mw=1.11; Mw=1.32; Mw0.68; Mw=1.27; Mw=1.09;
Fault plane solution: Ms2.78000x10^15 NP1:ps38.00000*,
850.00000*, 189.00000*. NP2:ps228.00000*, 832.00000*,
189.00000*
JMA 15 22:07:19.2-0.1, 42.85N:146.54E, h43km, 2km, M4.3
JMA Felt J1,
SKHL 15 22:07:19.5-0.1, 42.80N:146.60E, h51km, 4km, mb5.3/6
MOS 15 22:07:20.6-0.9, 42.94N:146.41E, h46km, mb4.9/18, Error
ellipse: s-maj=9.0km s-min=5.3km az=115.4
NEIC 15 22:07:20.8-1.2, 42.83N:0.07:146.5E:0.1, h33km, 3km,
mb4.6/35, Error ellipse: s-maj=13.0km s-min=8.1km
az=126.0
IDC 15 22:07:24.6-2.2, 42.92N:146.47E, h68km, 18km, mb3.9/18,
mb1.4/0.24, mb1mx3.8/5.3, mbtmp4.1/24, Ms3.7/13,
Ms1.3/7.3, ms1mx3.4/4.3, Error ellipse: s-maj=17.3km
s-min=17.0km az=152.0
ISC 15 22:07:20.3-1.3, 42.89N:0.05:146.45E:0.04, h29km, 8km,
n192, e1902/210, mb4.6/58, Ms3.8/14, 12C-9D, Off
southeast coast of Hokkaido
Code Station Name Az Az' Phase ID Time Res ISC
NEM2 Nemuro 2 0.70 313 Op P ISC
h m s ISC
NEM2 Nemuro 2 0.70 313 Op P 22 07 33.8 -0.2
NEM2 Nemuro 2 0.70 313 Op P 22 07 44.5 +0.4
NMR Nemuro-Hokkai 0.71 313 ePn P 22 07 32.9 -1.3
NMR Nemuro-Hokkai 0.71 313 eS P 22 07 44.6 +0.2
NMR Nemuro-Hokkai 0.71 313 eS P 22 07 33.9 -0.3
NMR Nemuro-Hokkai 0.71 313 eS P 22 07 44.7 +0.3
JKHN Kishirohama 0.96 282 eP P 22 07 37.5 -0.2
JKHN Kishirohama 0.96 282 eS P 22 07 51.4 +0.6
SHO Shikotan 1.02 16 ePn P 22 07 38.1 -0.5
SHO Shikotan 1.02 16 eS P 22 07 51.7 -0.3
SHO Shikotan 1.02 16 eS Pmax pmax
SHO comp=Z,778nm,0.6s 1.02 16 eS Pmax pmax
SHO comp=E,431nm,0.7s 1.02 16 eS Pmax pmax
SHO comp=N,431nm,0.6s 1.02 16 eS Pmax pmax
SHO comp=N,12um,0.4s 1.02 16 eS smax smax
SHO comp=N,10um,0.4s 1.02 16 eS smax smax
SHO Shikotan 1.02 16 eP AMB Pn 22 07 38.1 -0.5
SHO Shikotan 1.02 16 eP AMB Pn 22 07 39.0
SHO comp=E,780nm,0.4s 1.02 16 eS A Sn 22 07 51.4 -0.6
SHO Shikotan 1.02 16 eS A Sn 22 07 52.0
SHO comp=E,12um,0.4s 1.02 16 eS A A 22 07 52.0
SHO comp=E,10um,0.4s 1.02 16 eS A A 22 07 52.0
GLVR Golovino 1.09 322 ePn P 22 07 39.3 -0.2
GLVR Golovino 1.09 322 eS P 22 07 54.6 +0.3
GLVR comp=Z,1um,0.3s 1.09 322 eS Pmax pmax
GLVR comp=E,222nm,0.4s 1.09 322 eS Pmax pmax
GLVR comp=N,174nm,0.3s 1.09 322 eS smax smax
GLVR comp=N,778nm,0.6s 1.09 322 eS smax smax
GLVR comp=N,5um,0.2s 1.09 322 eS smax smax
GLVR comp=E,7um,0.2s 1.09 322 eP AMB Pn 22 07 39.5 0.0
GLVR Golovino 1.09 322 eP AMB Pn 22 07 39.8
GLVR comp=E,1um,0.3s 1.09 322 eS A S 22 07 54.6 +0.3
GLVR comp=E,5um,0.3s 1.09 322 eS A A 22 07 58.0
GLVR comp=E,7um,0.3s 1.09 322 eS A A 22 07 58.0

15d 22h

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like AKK, GRPR, Tuman, Yuzh-Kuril'sk, etc.

2015 DEC

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like BJI, BJT, BJT, BJT, BJT, etc.

790

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like RES, RES, RES, CHGR, YKA, YKA, etc.

PGC 15 22:34:02.9, 9.9, 49.18N, 129.32W, h10km, MLN3.0/31, Mw3.6/31, Mw3.6/31, 217km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region
IDC 15 22:34:03.6, 1.9, 49.32N, 129.13W, h0km, mb4.2/1, m1 3.8/1.0, m1mx3.4/59, mbtmp3.6/10, ML3.3/9, MS3.6/1, Ms1 3.6/1, ms1mx2.7/45, Error ellipse: s-maj=32.3km s-min=11.6km az=68.0
ISC 15 22:34:03.7, 2.3, 49.32N, 129.18W, 0.07, h6km, 14km, n69, c173/74, Vancouver Island region
Code Station Name Az Az'z Phase ID h s Time Res
BPBC Brooks Peninsula 1.24 47 Of Pg ISC h s ISC 22 34 26.1 -1.3

KEMF	NEPTUNE Canada	1.37	178	P	Pg	22 34 18.0	-12
EDB	Eliza Dome	1.45	67	Pn	Pn	22 34 28.6	-1.8
HOLB	Holberg	1.48	27	Pn	Pn	22 34 29.3	-1.7
PORT	Port Alice, BC	1.56	44	Sn	Sn	22 34 30.1	-1.8
PACB				Sn	Sn	22 34 51.6	-0.9
MAYB	Maynard	1.69	49	Pn	Pn	22 34 52.6	-1.3
PHC	Port Hardy	1.79	38	Pn	Pn	22 34 34.0	-1.1
PHC				Sn	Sn	22 34 57.3	-0.8
WOSS	Woss	1.89	63	Pn	Pn	22 34 35.6	-1.0
TLCB	Telegraph Cove	1.95	50	Pn	Pn	22 34 36.7	-0.6
TLCB				Sn	Sn	22 35 01.7	-0.4
TOFB	Gold River	2.10	76	Pn	Pn	22 34 37.1	-1.9
TOFB	Tofino	2.15	93	Pn	Pn	22 34 36.5	-3.5
TOFB				Sn	Sn	22 35 04.1	-2.9
NCRB	Newcastle Ridg	2.29	61	Pn	Pn	22 34 42.0	-0.1
SPLB	Strathcona Par	2.36	75	Pn	Pn	22 34 42.1	-0.9
SPLB				Sn	Sn	22 35 12.7	-1.3
BTB	Buttle Lake	2.39	85	Pn	Pn	22 34 42.1	-1.5
BTB				Sn	Sn	22 35 12.3	-1.0
B012	Ucluelet	2.42	98	Pn	Pn	22 34 39.7	-4.1
OZB	Mount Ozzard	2.44	97	Pn	Pn	22 34 41.0	-3.2
OZB				Sn	Sn	22 35 10.5	-3.9
CSB	Campbell River	2.58	72	Pn	Pn	22 34 45.6	-0.3
BFSB	Bamfield	2.70	99	Pn	Pn	22 34 41.4	-6.2
BFSB				Sn	Sn	22 35 16.6	-4.0
B928	Bamfield	2.70	99	Pn	Pn	22 34 44.8	-2.8
B928				Sn	Sn	22 35 16.5	-4.0
BBB	Bella Bella	2.95	13	Pn	Pn	22 34 50.4	-0.6
BBB				Sn	Sn	22 35 25.2	-1.4
BBB	7.5nm, 0.3s, baz=75, slow=17, SNR=8.0						
BBB	Bella Bella	2.95	13	Pn	Pn	22 34 49.9	-1.1
BBB				Sn	Sn	22 35 27.2	-1.4
MGB	Mount Grey	2.96	94	Pn	Pn	22 35 49.0	-2.4
MGB				Sn	Sn	22 35 24.7	-2.5
TXB	Texada	3.11	81	Pn	Pn	22 34 52.7	-0.6
OCF	Olym-Cheeka Pk	3.18	107	Pn	Pn	22 34 52.2	-2.0
PFBF	Port Renfrew	3.21	102	Pn	Pn	22 34 52.7	-2.0
PFBF				Sn	Sn	22 35 00.8	-2.4
B926	Mesachie Lake	3.35	97	Pn	Pn	22 34 55.4	-1.2
B926				Sn	Sn	22 35 34.4	-2.3
CLRS	Cowichan Lake	3.35	97	Pn	Pn	22 34 54.7	-1.9
CLRS				Sn	Sn	22 35 35.1	-1.7
NLWB	Nanaimo Lost L	3.40	90	Pn	Pn	22 35 36.5	-0.9
NLWB				Sn	Sn	22 35 38.5	-0.7
SHB	Sechart	3.47	83	Pn	Pn	22 34 58.4	+0.1
OBC	Olympics-Boni	3.61	109	Pn	Pn	22 34 58.7	-1.6
OBC				Sn	Sn	22 35 41.8	-1.5
BUTB	Butedale	3.78	7	Pn	Pn	22 35 01.1	-1.4
BUTB				Sn	Sn	22 35 47.2	-1.4
STWB	Striped Peak	3.83	106	Pn	Pn	22 35 45.2	-3.3
B009	North Saanich	3.83	98	Pn	Pn	22 35 02.1	-1.0
B010	North Saanich	3.83	98	Pn	Pn	22 35 02.0	-1.1
B010				Sn	Sn	22 35 47.1	-1.3
B010				Sn	Sn	22 35 02.0	-1.2
PGC	Sidney	3.83	98	Pn	Pn	22 35 01.9	-1.3
PGC				Sn	Sn	22 35 02.9	-0.4
B011	North Saanich	3.83	98	Pn	Pn	22 35 04.8	-0.6
SNB	Bowen Island	3.84	86	Pn	Pn	22 35 04.2	-1.9
SNB	Saturna Island	3.99	96	Pn	Pn	22 35 08.2	-0.7
BNKB	Banks Island	4.04	354	Pn	Pn	22 35 08.2	-0.3
WLSR	Whistler	4.14	76	Pn	Pn	22 35 11.1	-2.1
HNEY	Honey	4.32	88	Pn	Pn	22 36 02.7	-3.8
GRNB	Grenville Isla	4.56	354	Pn	Pn	22 35 14.5	-0.1
GRNB				Sn	Sn	22 35 17.6	-0.1
VDB	Vedder Mountai	4.65	91	Pn	Pn	22 35 14.5	-0.1
AOSA	Maple Falls	4.67	91	Pn	Pn	22 35 15.6	-0.2
CMW	Cultus Mountai	4.74	98	Pn	Pn	22 35 18.5	+1.8
UBRB	Upper Baezaeko	4.80	40	Pn	Pn	22 35 17.6	-0.1
LLLB	Lilloet	4.88	72	Pn	Pn	22 35 18.5	+0.3
JCWB	Jim Creek	4.92	100	Pn	Pn	22 35 20.6	+0.4
HOPB	Hop	5.07	86	Pn	Pn	22 35 20.6	-0.5
RPW	Rockport	5.13	97	Pn	Pn	22 35 20.6	-0.5
GPW	Glacier Peak	5.45	104	Pn	Pn	22 35 28.0	+0.9
FMW	Mount Fremont	5.56	113	Pn	Pn	22 35 33.0	+0.4
FSJB	Fort St James	5.97	29	Pn	Pn	22 35 33.8	+1.2
FSB	Fort Saint Jam	5.97	28	Pn	Pn	22 35 36.0	-0.5
PNT	Penticon	6.25	86	Pn	Pn	22 35 53.7	+1.0
MNB	Mounoet Dainar	8.03	93	Pn	Pn	22 36 00.3	-0.6
NEWP	Newport	8.03	93	Pn	Pn	22 36 14.2	+2.2
YBH	Yreka Blue Hor	8.84	147	Pn	Pn	22 36 17.1	+1.8
YBH				Sn	Sn	22 36 18.0	+1.8
NBCS	North BC 5	9.08	23	Pn	Pn	22 36 17.1	+1.8
DLBC	Dease Lake	9.15	37	Pn	Pn	22 36 18.0	+1.8
DLBC				LR	LR	22 39 37.1	
NVAR	Mina River Bea	13.40	140	Pn	Pn	22 37 16.2	+1.7
PDAR	Pinedale Array	15.10	108	Pn	Pn	22 37 41.8	+4.1
YKA	Yellowknife Ar	15.47	72	Pn	Pn	22 37 40.7	-1.5
ILAR	Eielson Array	18.13	335	Pn	Pn	22 38 17.5	-0.1
INK	Inuvik	19.17	355	P	P	22 38 29.3	+1.8
ULM	Lac du Bonnet	21.43	75	P	P	22 38 53.9	+1.7
H112	WAKE ISLAND Hy	58.35	264	T	T	23 46 54.7	
H112				LR	LR	23 47 00.6	
H111	WAKE ISLAND Hy	58.37	264	T	T	23 47 01.5	
H111				LR	LR	23 47 01.5	

comp=Z,16nm,20.1s, baz=70, slow=37							
MJAR	Matsushiro Arr	3.81	233	Pn	Pn	22 42 33.4	+0.9
MAJO	Matsushiro	3.81	233	Pn	Pn	22 42 34.1	+1.6
MAJO	Matsushiro	3.81	233	P	P	22 42 34.2	+1.7
MAT	MAT	4.94	230	Sn	Sn	22 43 21.3	+5.3
JGT	Kuroka	4.94	230	eS	eS	22 43 21.3	+5.3
JKA	Kamikawa-asahi	5.23	5	Pn	Pn	22 42 51.7	-0.3
ASAJ	Asahikawa	5.23	5	P	P	22 42 52.9	+0.9
ASAJ				Sn	Sn	22 43 48.5	-2.4
ASAJ	1.2nm, 0.3s, baz=212, slow=25, SNR=4.3			LR	LR	22 45 09.0	
ASAJ	comp=Z,5.7nm,21.1s, baz=164, slow=40						
JHJ	Hachijo jima 2	6.04	198	Pn	Pn	22 44 04.3	+1.1
JHJ				S	S	22 44 07.2	-3.7
JHJ	4.6nm, 0.3s, baz=252, slow=21, SNR=1.8						
JWT	Wachi	6.38	238	Pn	Pn	22 43 10.4	+2.7
JMN	Monobe	8.33	234	Pn	Pn	22 43 36.5	+1.9
USAOB	Ussuriysk Arra	9.17	309	Pn	Pn	22 43 48.1	+2.2
USURK	Ussuriysk Ar.	9.17	309	Pn	Pn	22 43 46.3	+0.4
USURK				LR	LR	22 46 58.2	
USURK	comp=Z,7.2nm,21.4s, baz=353, slow=35						
USURK	Ussuriysk Arr	9.17	309	Pn	Pn	22 43 47.8	+1.9
KSRS	Korea Array	11.16	267	Pn	Pn	22 44 13.8	+0.6
KSRS				LR	LR	22 48 00.2	
KSRS	comp=Z,5.4nm,20.0s, baz=64, slow=34						
KLR	Kul'dur	12.66	328	LR	LR	22 49 23.3	
MA2	Magadan	21.43	12	P	P	22 46 19.6	-0.5
SEY	Seymour	24.87	11	P	P	22 46 55.3	+1.2
SONM	Songino Array	27.16	301	P	P	22 47 15.1	0.0
SONM				P	P	22 47 14.4	-0.6
ENH	Enshi	27.99	282	Iamb	Iamb	22 47 23.0	+0.5
ENH				Iamb	Iamb	22 47 25.9	
H112	WAKE ISLAND Hy	28.78	124	T	T	23 17 53.5	
H111	WAKE ISLAND Hy	28.79	125	T	T	23 17 54.7	
H113	WAKE ISLAND Hy	28.80	124	T	T	23 17 54.9	
H111	WAKE ISLAND Hy	29.56	126	T	T	23 18 54.2	
H113	WAKE ISLAND Hy	29.56	126	T	T	23 19 00.2	
H112	WAKE ISLAND Hy	29.57	126	T	T	23 19 01.3	
ZAAO	Zalesovo Array	41.01	311	P	P	22 49 14.1	-0.2
ZALV	Zalesovo Beam	41.01	311	P	P	22 49 14.2	-0.1
ZALV				PcP	PcP	22 51 11.8	-1.7
ZALV	comp=Z,0.4nm,0.3s, baz=67, slow=3.7, SNR=2.7						
CMR	Chiang Mai Arr	42.42	254	P	P	22 49 26.5	+0.1
MK31	Makanchi Array	43.53	301	Iamb	Iamb	22 49 34.9	-0.1
MK31				Iamb	Iamb	22 49 35.7	
MKAR	Makanchi Array	43.53	301	P	P	22 49 34.9	-0.1
MKAR				P	P	22 49 34.8	-0.3
MAKZ	Makanchi	43.74	301	P	P	22 49 36.6	0.0
MAKZ				Iamb	Iamb	22 49 37.4	
KURK	Kurchatov	45.15	307	Iamb	Iamb	22 49 47.3	-0.5
KURK				Iamb	Iamb	22 49 48.3	
ILAR	Eielson Array	47.68	33	P	P	22 50 08.2	+2.7
BMAR	Burnt Mountain	48.49	30	P	P	22 50 15.9	+2.1
BOVK	Boymoye usch	49.06	297	P	P	22 50 18.0	-0.7
BRVK	Borovyoe	49.72	311	P	P	22 50 23.3	0.0
BRVK				Iamb	Iamb	22 50 24.7	
AAK	Ala-Archa	50.01	297	P	P	22 50 24.8	-1.1
IAK	Inak	50.01	297	P	P	22 50 44.3	+0.2
IAK				P	P	22 50 44.3	+0.2
KKAR	Karatay Array	52.59	299	P	P	22 50 44.3	-0.7
ARU	Arti	55.27	318	P	P	22 51 03.6	-0.7
CHGR	Chuyangang	55.28	294	P	P	22 51 04.6	-0.2
DLBC	Dease Lake	56.89	39	LR	LR	23 16 49.2	
ABKAR	Abkuk array	57.09	309	P	P	22 51 16.9	-0.5
ABKAR	Abkuk array	57.09	309	P	P	22 51 16.9	-0.5
ABKAR				Iamb	Iamb	22 51 17.6	
WB0	Warramunga Arr	58.79	188	P	P	22 51 29.1	-0.5
WB0				Iamb	Iamb	22 51 39.5	
WRA	Warramunga Arr	58.97	188	P	P	22 51 30.2	-0.6
WRA				P	P	22 51 30.3	-0.5
ASAR	Alice Springs	62.70	188	P	P	22 51 56.0	-0.1
FIAT	Finlay Array	67.37	332	P	P	22 52 25.6	-0.4
FINES	FINES Array B	67.37	332	P	P	22 52 25.6	-0.3
NOA	NORSAR Array B	72.64	337	P	P	22 52 58.0	-0.4
AKASE	Malin Array Be	73.93	322	P	P	22 53 00.1	-1.1
KWP	Kalwaria Pacla	76.87	324	P	P	22 53 23.5	+0.5
BUR08	Bucovina Ar. S	77.11	322	P	P	22 53 24.5	0.0
BUR08				Iamb	Iamb	22 53 28.1	
BUR08				P	P	22 53 24.4	-0.2
BUR08				P	P	22 53 47.5	-0.2
BUR08				P	P	22 53 47.5	-0.2

T35B				S	Sg	22 56 42.9	-0.1
KAN12	Harper NE Stat	1.13	342	Pg	Pg	22 56 29.3	-0.6
U32A	Winter Ranch,	1.18	278	Pg	Pg	22 56 29.9	-0.9
U32A	Winter Ranch,	1.18	278	Pg	Pg	22 56 30.0	-0.7
W35A	Teumseh	1.20	152	Pg	Pg	22 56 29.8	-1.3
TUL1	Leonard	1.46	102	Pn			

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like WMQ, KAPI, HHC, AAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like MSAI, AAI, FAJI, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like DARE, PERV, AKDM, etc.

Bottom section containing additional call signs and technical data, including 'IDC 16 04:58:30.2.1.6, 4.14S: 129.48E, h0km, mb3.7/1...' and 'IDC 16 06:59:22.9.2.7, 30.8S: 101.177W, h0.4, h35km, n8...'.

0.6mm,0.3s,baz=110,slow=8.1,SNR=29
FINES FINESS Array B 145.630 PKPbc PKPab 07 18 57.6 +0.1

NNC 16:07:08:39.5:0.3,50.02N:78.71E,h0km,mb3.6,mpv3.3,
Error ellipse: s-maj=3.2km s-min=1.6km az=73.0,
Suspected Mining explosion.
IDC 16:07:08:41.1:0.9,50.06N:78.73E,h0km,mb1.2,8/3,
mb1mx2.744,mbtmp2.8/3,ML2.6/3,Error ellipse:
s-maj=12.4km s-min=6.1km az=60.0

ISC 16:07:08:40.7:0.9,50.19N:0.04:78.87E:0.04,h0km,n28,
+152/39,15C-13D,Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR07, KUR14, KUR16, etc.

IDC 16:07:12:02:8.4:9.5334N:90.42E,h0km,mb1.2,9/3,
mb1mx2.8/49,mbtmp2.9/3,ML2.6/3,Error ellipse:
s-maj=50.8km s-min=27.7km az=43.0,Southwestern
Siberia

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

OTT 16:07:19:00:7.0:3.67:60N:55:80W,h18km,ML3.8/1,
Offshore western Greenland. 351km east from
Qikiqtarjuaq, Nu Davis Strait.
DNK 16:07:19:02:6:2.0:67:59N:56:06W,h37km,37km,ML2.2
ISC 16:07:19:02:6:2.0:67:59N:56:06W,55.95W,0.05,h10km,n12,
+25/35,14,Davis Strait

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

Table with columns: DY2G, Dye2, 3.95 102, P, Pn, 07 20 02.0 +3.2, etc.

OTT 16:07:20:13.4:0.2,67.49N:55:83W,h18km,ML3.8/1,
Offshore western Greenland. 350km east from
Qikiqtarjuaq, Nu Davis Strait.
DNK 16:07:20:14.0:0.3,67.78N:56:17W,h37km,6km,ML2.4
ISC 16:07:20:07:3:1.0,67.82N:0.08:56.23W:0.06,h10km,n10,
+25/54,14,Davis Strait

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

FUNV 16:07:30:41.0:10.72N:70:40W,h8km,MW3.9
ISC 16:07:30:39.3:1.8,10.70N:0.04:70.41W:0.03,h7km,15km,
n21,+154/40,Venezuela

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

IDC 16:07:38:55.4:8.4,16:27S:173:15W,h0km,mb3.5/3,
mb1.3/74,mb1mx3.1/45,mbtmp3.4/4,ML3.0/1,Error
ellipse: s-maj=347.8km s-min=26.4km az=137.0,Tonga
Islands

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

IDC 16:07:42:24.4:5.4,51:88N:178:53E,h98km,49km,mb3.4/10,
mb1.3/712,mb1mx3.4/71,mbtmp3.8/12,Error ellipse:
s-maj=32.9km s-min=13.1km az=178.0
NEIC 16:07:42:25.4:2.7,51:88N:0.2:178.5E:0.1,h103km,9km,
mb4.0/18,Error ellipse: s-maj=27.7km s-min=9.9km
az=181.0

ISC 16:07:42:25.6:0.9,51:88N:0.2:178.46E:0.07,h113km,n38,
+1910/33,mb3.6/10,Rat Islands

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

Table with columns: KDAA, Kodiak Island, 17.66 59, Iamb, Iamb, 07 46 26.2, etc.

IDC 16:07:44:47.3:7.96,0.52:20N:34:09E,h0km,Error ellipse:
s-maj=328.7km s-min=103.3km az=26.0,Baltic
States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I43RU, DUBNA, etc.

NEIC 16:07:51:18.6:2.6,6:09N:0:07:126:0E:0.1,h80km,4km,
mb4.4/16,Error ellipse: s-maj=20.3km s-min=8.7km
az=71.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I43RU, I31KZ, etc.

IDC 16:07:51:23.0:9.5:86N:125:78E,h133km,5km,mb3.9/21,
mb1.4/0.21,mb1mx3.7/58,mbtmp4.3/21,MS2.8/1,
Ms1.2.8/1,ms1mx2.1/40,Error ellipse: s-maj=26.7km
s-min=11.9km az=74.0

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

DJA 16:07:51:23.5:1.5,6:N:14:12:6E:1,h129km,15km,M4.6/8,
mb4.9/7,mb4.7/6,MLV4.8/8,MW(m)6.2/7
ISC 16:07:51:22.5:0.8,5:90N:0.04:125.90E:0.08,h127km,6km,
n66,+184172,mb4.3/28,3C-2D,Mindanao

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

MPSI Papagaia 8.15 228 P Pn 07 53 21.6 +3.5
MTN Mantao Dam 19.34 164 P Pn 07 55 39.4 -1.1
KNRA Kununura 21.63 173 P Pn 07 56 03.8 -1.1
KNRA Kununura 21.63 173 Iamb Iamb 07 56 14.1

FITZ Fitzroy Creek 23.85 181 P Pn 07 56 23.7 -0.5
COEN Coen 26.14 139 P Pn 07 56 41.7 -3.3
WBO Warramunga Arr 26.84 162 P Pn 07 56 53.9 +2.6

WRA Warramunga Arr 26.99 162 P Pn 07 56 53.0 +0.3
WRA Warramunga Arr 26.99 162 P Pn 07 56 54.9 +2.2
WB2 Warramunga Arr 27.00 162 P Pn 07 56 53.7 +1.1

PSA00 Pilbara Seismi 27.94 192 P Pn 07 57 01.5 +0.4
PSA00 Pilbara Seismi 27.94 192 Iamb Iamb 07 57 30.2

CMAR Chiang Mai Arr 29.10 298 P Pn 07 57 12.5 +1.0
BB00 Buckleboob 39.69 167 P Pn 07 58 43.5 +1.1
STKA Stephens Creek 40.44 159 P Pn 07 58 48.3 -0.3

STKA Stephens Creek 40.44 159 P Pn 07 58 48.3 -0.3
STKA Stephens Creek 40.44 159 P Pn 07 58 48.3 -0.3
KLR Kuldur 43.46 6 P Pn 07 59 13.9 +1.0

SONM Songino Array 44.99 341 P Pn 07 59 24.8 -0.5
SONM Songino Array 44.99 341 P Pn 07 59 24.8 -0.5
SONM Songino Array 44.99 341 P Pn 07 59 24.8 -0.5

PETK Petropavlovsk 53.76 23 P Pn 08 00 32.9 +1.3
MKAR Makanchi Array 55.31 325 P Pn 08 00 43.3 +0.3
MKAR Makanchi Array 55.31 325 P Pn 08 01 41.9 -0.2

ZALV Zalesovo Beam 58.29 333 P Pn 08 01 03.4 -0.4
KURBB Kurchatov Arra 59.48 327 P Pn 08 01 12.0 -0.1
KURK Kurchatov 59.48 327 P Pn 08 01 11.6 -0.4

KKAR Karatay Array 61.09 316 P Pn 08 01 22.1 -1.1
BVAR Borovoye Array 65.06 327 P Pn 08 01 48.8 -0.4

Table with columns: ZEA, MJAR, TIXI, etc. containing station names, coordinates, and status information.

Table with columns: MOBC, NC89, B9AB, etc. containing station names, coordinates, and status information.

Table with columns: ANMO, ECTS, AMRX, etc. containing station names, coordinates, and status information.

PGC 16 08:22:30.6; 0.7; 50.54N; 130.35W, h10km, MLSn3.4/37, Mw4.5, 207km west of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 16 08:22:33.0; 1.5; 50.65N; 129.05W, h0km, mb3.8/3, mb1.4/1.0, mb1mx3.6/47, mbtmp3.8/10, ML3.7/6, MS3.4/6, Ms1.3/4.6, ms1mx3.0/55, Error ellipse: s-maj=21.6km s-min=9.8km az=71.0

NEIC 16 08:22:36.2; 3.0; 50.66N; 108.129; BWL; 0.2, h29km, 10km, Error ellipse: s-maj=17.5km s-min=9.4km az=68.0

NEIC 16 08:22:38.0; 5.0; 50.54N; 130.35W, h14km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mrr:0.5; Mtt:0.8; Mss:0.4; Mtr:1.0; Mtr:1.8; Mtr:0.82; Fault plane solution: M=6.80000e+10; N=1.2330000e+10; P=0.8900000e+10; N=12.00000e+10; P=0.7800000e+10; Azm:99.00000e+10; N=590.00000e+10; Azm:240.00000e+10; P=7.1104. P1:7.00000e+10; Azm:0.00000e+10

ISC 16 08:22:32.8; 2.5; 50.61N; 0.05; 130.11W; 0.06, h14km, 16km, n139, s159, 139, M0.4/0.7, MS3.3/4, Vancouver Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations in the Vancouver Island region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations in the BC region.

TAP 16 08:39:23.7; 22.15N; 121.11E, h34km, ML3.5, C, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations in the Taiwan region.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TWGBT Beinan, TSMG Majia, WLCH Liugu, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LIOB Emei, YHNB Yeheng, NSK Sanguang, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like MKAR, MAKZ Makanchi, KAPS, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAN17 Caldwell West, LOOK Love County, X37A Clayton, etc.

IGL 16 09:47:37.7, 39°50'N, 127°55'W, h2km, ML2.5
MDD 16 09:47:38.5, 1.6, 39°49'N, 127°50'W, h0km, mb4.2/4, Error ellipse: s-maj=14.6km s-min=9.1km az=91.0, PRXIMO
INMG 16 09:47:40.5, 1.1, 39°46'N, 13°12'W, h10km, ML2.5, Error ellipse: s-maj=6.4km s-min=3.2km az=88.0
ISC 16 09:47:33.2, 2.5, 39°46'N, 0.04, 12.9W, 0.1, h10km, n57, e258/102, North Atlantic Ocean

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SLEB Watts Point, WPB Watts Point, WPB Watts Point, etc.

16 09:48:17.4, 0.0, 50°87'N, 121°10'W, h0km, mb3.5/1, mb1 3.6/8, mb1mx3.5/39 mbt3.4/8, ML2.9, 75.3/3.1, Ms1 3.3/1, ms1mx2.6/35, Error ellipse: s-maj=15.2km s-min=9.4km az=49.0
PGC 16 09:48:17.6, 0.0, 50°83'N, 121°10'W, h5km, ML3.4/37, 51km Wnw of Kamloops, BC British Columbia, Canada
ANF 16 09:48:17.1, 1.0, 50°89'N, 121°05'W, h5km, ML4.1/8, Error ellipse: s-maj=9.4km s-min=7.1km az=155.0
NEIC 16 09:48:18.9, 1.6, 50°83'N, 0.04, 121°09'W, 0.06, h15km, 6km, Error ellipse: s-maj=6.9km s-min=3.8km az=138.0
ISC 16 09:48:16.7, 0.6, 50°96'N, 0.02, 121°08'W, 0.02, h10km, n181, e197/247, British Columbia

mb4.6/35, Error ellipse: s-maj=8.5km s-min=7.0km az=48.0
IDC 16 10:23:49.2,6.7,7.5S,107.31E,h87km,17km,mb3.8/13,
mb1 3.8/13,mb1mx3.6/56,mbtmp4.1/13,MS3/7,
Ms1 3.3/7,ms1mx3.0/42, Error ellipse: s-maj=5.0km
s-min=12.7km az=52.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CNJI Cibinong, LEM Lembar, UGM Wanaagama, etc.

Table with columns: ZALV, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, BVAR Borovoye Array, BRVK Borovoye, etc.

Table with columns: YHNB, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YHNB Yeheng, NSK Sanguang, NSK Sanguang, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WJS, WHYT, WHYT, WKRS, YULB, YULB, YULB, etc.

THR 16 10:46:31.6±0.3, 27.05N:52.75E, h28km,4km, ML3.3
IDC 16 10:46:31.2±1.0, 27.05N:53.03E, h0km, mb3.9/10,
mb1.4/0/12, mb1mx2.3/7.53, mbtmp3.9/12, ML4.1/1, Error
ellipse: s-maj=23.4km s-min=20.3km az=156.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LMD1, GHIR, GHIR, GHIR, etc.

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

MOS 16 11:02:10.8±0.7, 50.18N:157.99E, h47km, rmb3.9/1, Error
ellipse: s-maj=22.9km s-min=4.4km az=85.2
MOS Fall (1) at Severo-Kuril'sk
KRSC 16 11:02:12.9±2.1, 50.145N:158.36E, h52km,33km, ML4.3
IDC 16 11:02:16.3±4.1, 50.145N:157.28E, h83km,38km, mb3.6/4,
mb1.3/7.7, mb1mx3.3/38, mbtmp3.7/7, MS2.8/1, M5.2.8/1,
mb1mx2.3/33, Error ellipse: s-maj=39.3km s-min=20.5km
az=144.0

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

THR 16 10:46:31.6±0.3, 27.05N:52.75E, h28km,4km, ML3.3
IDC 16 10:46:31.2±1.0, 27.05N:53.03E, h0km, mb3.9/10,
mb1.4/0/12, mb1mx2.3/7.53, mbtmp3.9/12, ML4.1/1, Error
ellipse: s-maj=23.4km s-min=20.3km az=156.0

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H11S2, H11S2, H11S2, H11S2, etc.

EAF 16 11:12:43.1±0.9, 21.86S:34.07E, h13km,11km, MD3.8
BUL 16 11:12:43.2±0.6, 21.86S:34.06E, h13km,11km, MD4.1

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

NIC 16 11:24:01.1±0.0, 36.17N:31.32E, h60km,4km, ML3/4
DDA 16 11:24:02.4, 36.17N:31.17E, h38km,1km, MW3.1
ISC 16 11:24:02.1, 36.05N:31.13E, 0.05, h61km,26km,
M18, 0.89029, Turkey

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

IDC 16 11:29:53.9±1.4, 30.75S:177.82W, h0km, mb4.5/3,
mb1.4/6.4, mb1mx4.0/28, mbtmp4.4/4, ML3.6/1, MS3.1/4,
Ms1.3/1/4, ms1mx2.8/30, Error ellipse: s-maj=39.5km
s-min=22.9km az=117.0

NEIC 16 11:29:56.3±2.0, 30.61S:0.07E, 177.8W, 0.2, h10km,1km,
mb4.6/10, Error ellipse: s-maj=28.3km s-min=11.9km
az=97.0

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

16D 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PXZ Pawanui, PNHZ Pukenui, TSZ Takapari Road, etc.

SOME 16 11:38:57.9,38.62N,73.52E,h15km
NNC 16 11:39:02.2,1.0,38.80N,73.41E,h0km,mb4.0,mpv3.6,
Error ellipse: s-maj=7.5km s-min=4.6km az=171.0

ISC 16 11:39:05.6,2.1,38.9N,0.1,73.28E,0.05,h10km,n2,
e=185/40,5C-4D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRKS Merke, AAK Ala-Archa, TKM2 Tokmak 2, etc.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRBS Karabastau, MDOK Medeo, KUUS Kurly, etc.

UPP 16 11:42:47.8,0.2,56.21N,15.45E,h0km,ML2.5,Explosion
DNK 16 11:42:48.3,1.7,56.22N,15.54E,h15km,18km,ML2.2
BER 16 11:42:48.6,2.0,56.19N,15.49E,h0km,19km,ML1.6,
ML2.2(DNK)

ISC 16 11:42:47.0,0.9,56.23N,0.0,15.38E,0.03,h0km,n18,
e=05/28,25,Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLEU Blekinge, VJXU Vaexsjoe, DEL Delary, etc.

IDC 16 11:53:19.2,2.0,20.88S,178.64W,h601km,20km,mb3.2/6,
mb1 3.5/9,mb1mx3.2/26,mbtmp4.2/9, Error ellipse:
s-maj=81.6km s-min=18.2km az=149.0

NEIC 16 11:53:20.0,0.9,20.9S,0.1,178.74W,0.1,h611km,8km,
mb4.4/25, Error ellipse: s-maj=20.0km s-min=17.5km
az=95.0

ISC 16 11:53:17.9,0.7,20.9S,0.1,178.6W,0.1,h579km,n42,
e=136/42,mb4.3/19, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, MSVF Nonsavu, AFI Afiamalu, etc.

806

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSA00 Pilbara Seismi, QSPA South Pole Qui, etc.

NIC 16 11:53:40.7,0.0,34.54N,34.08E,h14km,ML2.6/6
GII 16 11:53:41.5,0.0,34.73N,34.24E,h30km,2km,ML2.3/3
DDA 16 11:53:41.7,34.68N,33.56E,h6km,3km,MLW3.3
ISK 16 11:53:47.7,35.06N,33.73E,h9km,ML2.2/10
ISC 16 11:53:40.1,1.4,34.63N,0.0,34.16E,0.04,h15km,11km,
n36,e115/54,1C,Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PARAL Paralimni, MVOU Mavrovouni, AKIN Akincilar, etc.

NNC 16 12:25:08.7,1.8,43.23N,80.24E,h2km,7km,mb2.6,
mpv2.6, Error ellipse: s-maj=17.3km s-min=10.5km
az=24.0

SOME 16 12:25:08.9,43.17N,80.25E,h15km
ISC 16 12:25:10.2,1.9,43.1N,0.1,79.96E,0.06,h10km,n8,
e=24/116,2C,Lake Issyk-Kul region

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

Table with columns: SATY, Saty, 2.5nm,0.3s, 1.14 270 eP, Pn, 12 25 33.8 +1.4

TUL 16 12:38:28.3:1.9,351.82N:0101:97.40W:0.02,h5km,4km, ML2.5,mb,Log2.23(NEIC), Error ellipse: s-maj=2.1km s-min=1.4km az=130.0

NEIC 16 12:38:28.2:0.8,35.84N:0101:97.43W:0.01,h7km,4km, Error ellipse: s-maj=2.3km s-min=0.9km az=143.0, Oklahoma

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

IDC 16 12:50:19.9:8.6,25.74N:125.05E,h0km,mb3.5/3, mb1 3.7/3, mb1mx3.4/4.1, mbtmp3.5/3, MS2.3/1, Ms1 2.3/1, ms1mx2.2/32, Error ellipse: s-maj=503.5km s-min=26.9km az=62.0

JMA 16 12:50:19.0:0.1,241.82N:125.38E,h49km,1km,M3.3, JMA 16 12:50:19.2:1.7,243.9N:012.1,245.0E:0.1,h47km,0km,qn13, o=31/18,mb3.5/3,Southwestern Ryukyu Islands

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

SKHL 16 13:12:31.7:0.3,42.80N:146.60E,h51km,3km,mb5.1/4 NIED 16 13:12:31.5,42.86N:146.56E,h45km,MW4.0,Moment Tensor Solution. s3 Moment tensor: Scale 1019Nm; Mn:1.24, Mw:0.61, Mxx:0.63, Mxy:0.17, Myx:0.63, Myz:0.44; Fault plane solution: M1:3300x10^15 NP:36.00000, 85.00000, 181.00000; NP2:232.00000, 836.00000, 1.03.00000

JMA 16 13:12:31.4:0.2,42.86N:146.56E,h45km,3km,M3.9 MOS 16 13:12:33.2:1.7,42.94N:146.38E,h47km,mb4.5/9, Error ellipse: s-maj=12.6km s-min=7.0km az=108.9 NEIC 16 13:12:35.6:1.0,42.94N:01:146.4E:0.1,h51km,10km, mb4.4/9, Error ellipse: s-maj=17.9km s-min=13.5km az=151.0

IDC 16 13:12:37.6:3.1,43.03N:146.37E,h68km,26km,mb3.7/13, mb1 3.8/16, mb1mx3.6/38, mbtmp3.9/16, MS3.1/9, Ms1 3.1/9, ms1mx2.9/42, Error ellipse: s-maj=29.4km s-min=17.4km az=169.0

ISC 16 13:12:33.2:1.7,42.94N:016:146.46E:0.04,h31km,10km, n88,r1818N,mb4.2/21,MS3.3/6,4C-2D, Off southeast coast of Hokkaido

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

Table with columns: GLVR, comp=E,1.0m,0.2s, smax, smax

Table with columns: GLVR, comp=N,2.0m,0.4s, 1.05 319 i P, Pn, 13 12 51.8 0.0

Table with columns: GLVR, comp=N,610nm,0.4s, eS, Sb, 13 13 07.1 +0.8

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: GRPR, Tuman, 1.16 335 i P, Pn, 13 12 53.0 -0.3

Table with columns: ARU, Arti, 54.59 317 d P, P, 13 21 57.6 -0.6

Table with columns: ARU, Arti, 54.59 317 e P, P, 13 21 57.6 -0.6

Table with columns: ARU, Arti, 54.59 317 e P, P, 13 21 57.6 -0.6

Table with columns: ARU, Arti, 54.59 317 e P, P, 13 21 57.6 -0.6

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Table with columns: ARU, Arti, 54.59 317 e P, P, 13 21 57.6 -0.6

Table with columns: ARU, Arti, 54.59 317 e P, P, 13 21 57.6 -0.6

Table with columns: ARU, Arti, 54.59 317 e P, P, 13 21 57.6 -0.6

16d 13h

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like SSSLB Suanglung, WJS Zhushan, SMLT Sun Moon Lake, etc.

NDI 16 13:24:46.8±0.8, 34°41'N:82°59'E, h10km, ML4.3, mb4.1(NEIC)
IDC 16 13:24:49.2±0.7, 34°01'N:82°02'E, h0km, mb3.9/16, mb1.4/18, mb1mx2/6/47, mbtmp4.0/18, ML3.5/2, MS3.1/2, Ms1.3/1.2, ms1mx2/4/47, Error ellipse: s-maj=24.1km s-min=13.7km az=48.0
NEIC 16 13:24:51.7±2.2, 34°10'N:0°07'82.21'E±0.06, h10km±1km, mb4.1/8, Error ellipse: s-maj=12.3km s-min=6.2km az=151.0

ISC 16 13:24:53.0±0.5, 34°07'N:05°82.18'E±0.07, h28km, n44, az=148/48, mb4.0/14, Xizang

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like SMLA Simla, DHRM DHARAMISHALA, KSH Kashi, etc.

2015 DEC

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, BVAR Borovoye, etc.

IDC 16 13:27:48.2±1.4, 7°08'S:120°49'E, h586km±17km, mb2.7/3, s-maj=106.3km s-min=16.1km az=58.0
DJA 16 13:27:51.1±0.7, 7°5'±12'0E±, h555km±6km, M3.2/9, MLV3.2/9
ISC 16 13:27:48.0±0.9, 7°20'S:09°120'4E±0.1, h576km, n15, az=124/21, Flores Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like BSSI Bau Bau, BKSI Bulukumba, EDFI Ende, etc.

IDC 16 13:35:26.3±1.2, 38°02'N:72°62'E, h0km, mb3.9/11, mb1.4/0/16, mb1mx3.8/52, mbtmp3.9/16, ML3.2/5, MS3.0/5, Ms1.3/0.5, ms1mx2/6/46, Error ellipse: s-maj=22.8km s-min=18.6km az=140.0
NVC 16 13:35:33.5±1.6, 38°38'N:72°44'E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=13.2km s-min=9.6km az=164.0
ISC 16 13:35:26.7±0.8, 38°07'N:07°72'88E±0.08, h10km, n42, az=237/37, mb3.9/10, 7C-6D, Tajikistan

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like MRKS Merke, AAK Ala-Archa, AAK Ala-Archa, etc.

808

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like PDGK Podgornoye, MKAR Makanchi Array, GEYT Alibeck, etc.

IDC 16 13:44:04.2±2.1, 37°37'N:72°72'E, h0km, mb3.5/2, mb1.3/6/7, mb1mx3.4/48, mbtmp3.6/7, ML3.1/5, MS2.8/3, Ms1.2/8/3, ms1mx2.5/38, Error ellipse: s-maj=36.3km s-min=24.9km az=139.0
NVC 16 13:44:09.2±4.4, 38°30'N:72°52'E, h0km±1km, mb3.9, mpv3.5, Error ellipse: s-maj=14.2km s-min=11.6km az=48.0
ISC 16 13:44:06.2±1.6, 38°11'N:01°172'6E±0.1, h10km, n25, az=218/19, 6C-8D, Tajikistan

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like MRKS Merke, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SESP, OJGS, JBK, EGOR, PALE, PALE, MALAGA-LIMONER, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EVO, MORF, PNCL, PCBR, PTEO, PFVI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KST, DGS, DGS, KRBS, KK02, AB31, AKTO, etc.

NNC 16:14:44.46:4.7, 3.36:98N:70.21E, h0km, mb3.9, mpv3.5, 3C-2D, Error ellipse: s-maj=59.6km s-min=56.4km az=46.0, Hindu Kush region

NNC 16:15:08:58.4:5.4, 38:57N:74.27E, h0km, mb3.8, mpv3.2, 3C-3D, Error ellipse: s-maj=41.4km s-min=27.5km az=145.0, Tajikistan-Xinjiang border region

JMA 16:15:14:07.6:0.1, 37:15N:142:33E, h18km, 3km, M3.6 IDC 16:15:14:08.0:1.1, 37:16N:142:30E, h0km, mb3.5/6, mb1 3.7/9, mb1mx3.3/49, mbmtpp3.6/9, ML2.9/3, Error ellipse: s-maj=26.8km s-min=20.8km az=110.0

ISC 16:15:14:08.5:0.8, 37:18N:105:42:28E, 0.06, h9km, n24, c1567:25, mb3.5/6, Off east coast of Honshu

IDC 16:15:15:29.4:1.4, 36:40N:69:29E, h0km, mb3.7/9, mb1 3.9/15, mb1mx3.6/55, mbmtpp3.8/15, ML3.7/6, MS4.4/2, mb1 4.4/20, mb1mx2.8/43, Error ellipse: s-maj=24.6km s-min=20.2km az=146.0

NNC 16:15:15:37.1:1.1, 36:6N:101:69:13E, 0.08, h43km, n31, c1596/32, mb3.7/8, 3C-1D, Hindu Kush region

msha.4.9/7
 IDC 16 15:17.14.1.1.5.47.54N:145.16E,h443km,18km,
 mb3.1/14,mb1.3.3/17,mb1mx3.1/42,mbtmp4.0/17,Error
 ellipse: s-maj=15.7km s-min=11.6km az=112.0
 ISC 16 15:17.13.3.0.6.47.30N:0.05.445E:0.08,h450km,n42,
 e178/53,mb3.5/14,Sea of Okhotsk

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
YSS	Yuzh-Sakhalins	1.86 260	Op P	15 18 13.5	+0.5
YSS			AMB P	15 18 14.8	
YSS			eS S	15 19 01.5	0.0
YSS			A A	15 19 02.0	
YSS	60nm,0.7s		A A	15 19 02.0	
KUR	Kuril'sk	2.67 140	eP P	15 18 16.2	-1.8
KUR			AMB P	15 18 18.2	
UGL	Uglegorsk	2.87 310	eP P	15 18 18.6	-0.6
UGL			AMB P	15 18 20.4	
JSE	Yozys	3.06 221	P P	15 18 22.0	+1.1
JWK	Keshov	3.15 232	P P	15 18 23.2	+1.7
YUK	Yuzh-Kuril'sk	3.28 175	eP P	15 18 22.8	+0.3
YUK			AMB P	15 18 25.3	
YUK			eS S	15 19 19.0	+0.3
YUK			A A	15 19 26.2	
YUK	90nm,0.5s		A A	15 19 26.2	
GRPR	Tuman	3.31 176	eP P	15 18 23.3	+0.5
GRPR			AMB P	15 18 24.0	
GRPR			eS S	15 19 19.5	+0.2
JRA	Rausu	3.37 184	P P	15 18 24.5	+1.3
JTKR	Abashiri-Toko	3.50 198	P P	15 18 25.3	+1.9
GLVR	Golovin'sk	3.58 179	eP P	15 18 23.3	+0.5
GLVR			AMB P	15 18 27.0	
GLVR			eS S	15 19 22.6	-0.2
GLVR			A A	15 19 28.0	
GLVR	30nm,0.2s		A A	15 19 28.0	
SHO	Shikotan	3.57 163	eP P	15 18 23.9	-1.0
SHO			AMB P	15 18 24.8	
SHO			eS S	15 19 19.9	-3.0
SHO			A A	15 19 21.4	
SHO	70nm,0.3s		A A	15 19 21.4	
SHO	110nm,0.3s		A A	15 18 27.6	+1.3
ASAJ	Asahikawa	3.75 213	P P	15 18 29.2	+1.4
JKK2	Kamakawa 2	3.91 210	P P	15 18 27.7	-0.9
NMR	Nemuro-Hokkai	3.94 177	eP P	15 19 26.9	-1.7
NMR			eS S	15 18 26.9	-1.1
NEM2	Nemuro 2	3.94 177	P P	15 19 26.1	-2.6
NEM2			eS S	15 18 26.5	-1.8
TYV	Tymovskoe	4.00 334	eP P	15 18 28.6	
TYV			AMB P	15 18 28.6	
TYV			eS S	15 19 25.8	-3.8
TYV			A A	15 19 37.5	
TYV	5.0nm,0.8s		A A	15 19 37.5	
JAR	Jaroslavl	4.17 197	P P	15 18 30.9	+0.8
JAK	Akkhuy	4.33 187	P P	15 18 31.2	-0.3
JAI	Jakutsk	4.41 218	P P	15 18 32.4	-2.7
JHR	Hokuryu	4.41 218	P P	15 18 31.9	+1.7
JFR	Furan	4.59 207	P P	15 18 35.5	+1.6
JCH	Churui	4.91 198	P P	15 18 36.3	-0.6
JCH			eS S	15 19 40.8	-4.1
JEW	Eniwo	5.27 214	P P	15 18 41.7	+1.3
JNBK	Urakawa-nobuka	5.45 212	P P	15 18 41.0	-0.3
JKB	Kayabe	6.37 202	P P	15 18 50.2	-0.1
JKB			eS S	15 20 05.4	-4.1
JOT	Oyata	6.70 210	eS S	15 20 13.3	-4.6
SEY	Seymchan	16.15 11	P P	15 20 36.1	-0.1
YAK	Yakutsk	17.27 334	P P	15 20 45.3	-2.7
ILAR	Eielson Array	39.40 39	P P	15 24 03.0	+0.7
MKAR	Makanchi Array	41.95 234	P P	15 24 22.6	-0.5
INK	Inuvik	43.99 32	P P	15 24 38.2	-0.4
YKA	Yellowknife Ar	53.55 35	P P	15 25 50.5	+0.5
FINES	FINES Array B	61.17 331	P P	15 26 41.6	-0.8
NB2	NORSAR Subarra	65.86 338	P P	15 27 12.0	-0.7
NOA	NORSAR Array B	65.86 338	P P	15 27 12.0	-0.7
KBZ	Khabaz	66.57 310	P P	15 27 17.4	+0.1
NVAR	Mina Array Be	68.02 322	P P	15 27 20.3	+1.6
WRA	Warramunga Arr	67.67 191	P P	15 27 26.4	+2.0
AKASG	Malin Array Be	68.02 322	P P	15 27 25.0	-1.1
PDAR	Pinedale Array	68.54 50	P P	15 27 31.0	+1.2
ASAR	Alice Springs	71.39 191	P P	15 27 49.8	+3.0
BRTR	Keskin Array B	74.25 312	P P	15 28 03.2	-0.2
TXAR	Lajitas Array	81.66 56	P P	15 28 45.8	+2.2

IDC 16 15:41:24.6:3.0,10.125x112.19E,h0km,mb3.4/3,
 mb1.3/6,mb1mx3.2/39,mbtmp3.5/4,ML3.5/1,Error
 ellipse: s-maj=162.2km s-min=24.9km az=46.0
 DJA 16 15:41:30.6:0.3,10.3'Sx11.3'E, h10km,ML3.9/8,mb4.2/4,
 MLV3.8/8

ISC 16 15:41:32.4:1.1,9.8Sx10.1:12.85E:0.09,h35km,n17,
 e148/17,mb3.2/3,South of Java

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
GMJI	Gumukmas	1.59 22	P P	15 41 57.1	-0.9
JAGI	Jajag, Banyuwa	1.81 45	P P	15 41 59.8	-1.3
BLJI	Banyuglugur	2.13 20	P P	15 42 06.1	+0.6
PCJI	Pacitan	2.27 313	P P	15 42 07.9	+0.5
ABJI	Asem Bagus	2.42 305	P P	15 42 10.4	+1.3
WOJI	Wonogiri, Jawa	2.70 315	P P	15 42 14.4	+1.1
SRBI	Singaraja	2.86 55	P P	15 42 16.5	+0.9
UGM	Wanagama	2.94 308	P P	15 42 18.0	+1.3
TWSI	Taliwang, Sumb	4.11 76	P P	15 42 34.3	+1.6
CMJI	Cimerak	4.77 238	P P	15 42 43.8	+2.0
PLAI	Plampang	4.95 30	P P	15 42 45.6	+1.3
CGJI	Cibinong	7.74 293	P P	15 43 24.8	+2.1
EDFI	Ende, Flores	8.78 84	P P	15 43 39.0	+2.0
FITZ	Fitzroy Crossi	14.92 125	Pn P	15 45 00.2	-0.7
FITZ			Sn	15 47 36.1	-8.9
WRA	Warramunga Arr	23.08 118	P P	15 46 35.6	+0.4
ASAR	Alice Springs	24.04 127	P P	15 46 48.5	+0.8
MKAR	Makanchi Array	62.56 337	P P	15 51 50.9	-1.9

IDC 16 15:53:14.4:2.2,5.48S:151.67E,h60km,19km,mb3.8/5,
 mb1.4/6,mb1mx3.6/34,mbtmp4.1/6,ML1.9/1,MS2.8/1,
 Ms1.2.8/1,ms1mx2.3/29,Error ellipse: s-maj=61.2km
 s-min=11.7km az=124.0

ISC 16 15:53:13.9:1.4,5.55S:0.2:151.7E:0.3,h57km,n8,
 e080/10,mb4.0/5,NW Britain region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
KRVT	Keravat (AS076)	1.22 13	P P	15 53 34.6	-0.2

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
KRVT			S	15 53 51.2	+0.9
PMG	P. Moresby	5.96 229	P P	15 54 40.8	+1.0
PMG			Pn	15 55 46.5	-0.5
PMG			LR	15 56 47.9	
WRA	Warramunga Arr	22.20 228	P P	15 58 05.1	-0.6
ASAR	Alice Springs	24.93 222	P P	15 58 32.9	+0.9
STKA	Stephens Creek	27.91 199	P P	15 58 58.5	-0.2
FITZ	Fitzroy Crossi	28.40 242	P P	15 59 02.3	-0.9
ILAR	Eielson Array	39.40 39	P P	16 05 33.9	+0.1
TORD	Tord Ar. Bea	149.51 287	PKPbc	16 12 57.4	-0.5

IDC 16 16:38:30.2:13.0,38.28N:72.26E,h0km,mb3.3/1,
 mb1.3/3,mb1mx3.2/30,mbtmp3.5/3,ML2.8/2,Error
 ellipse: s-maj=227.3km s-min=89.9km az=86.0
 SOME 16 16:38:41.8,38.82N:73.30E,h10km
 NNC 16 16:38:43.0,2.2,38.79N:73.28E,h0km,mb4.0,mpv3.6,
 Error ellipse: s-maj=16.1km s-min=11.4km az=179.0
 ISC 16 16:38:43.9:1.9,38.88N:0.10:73.23E:0.06,h10km,n25,
 e307/35,6C-5D,Tajikistan-Xinjiang border region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
AML	Almayashu	3.27 6	Op P	16 39 36.3	+0.8
UCH	Uchter	3.48 16	P P	16 39 40.1	+1.6
EKSZ	Erkin-Say	3.80 6	P P	16 39 47.3	-3.8
MRKS	Merke	3.86 360	eP P	16 39 53.9	+1.8
MRKS			eS S	16 40 46.1	-1.7
MRKS			Pg P	16 39 46.7	+3.3
MRKS			Lg L	16 40 46.9	
AAK	Ala-Archa	3.87 14	P P	16 39 45.7	+2.0
AAK			Pn	16 39 45.4	+1.7
AAK			Pg P	16 39 55.2	+2.8
AAK			Lg L	16 40 46.8	
ULHL	Ulhal	4.07 33	P P	16 39 56.8	+1.1
TKM2	Tokmak 2	4.41 23	P P	16 40 04.3	+2.6
TKM2			Lg L	16 41 04.7	
KST	Kastek	4.64 26	eP S	16 40 06.5	+1.0
KST			Sb S	16 41 07.6	+6.1
KST			Pg P	16 40 02.8	-2.7
KST			Lg L	16 41 14.4	
KK02	Karatay Array	4.69 335	Op Pn	16 39 56.2	+1.4
KK02			Sn	16 40 54.2	+4.9
DGS	Degeres	4.76 23	eP S	16 40 09.6	+2.1
DGS			eS S	16 41 12.6	-4.1
BRLS	Borolday	4.88 329	eP P	16 40 08.7	-0.7
BRLS			eS S	16 41 11.0	+2.9
KRBS	Karabastau	5.15 20	eP S	16 41 17.5	+3.4
KRBS			eS S	16 41 26.3	-2.9
KRBS			Lg L	16 40 12.4	-1.6
KRBS			Lg L	16 41 30.7	
MDOK	Medeo	5.16 33	Op P	16 40 18.1	+3.8
MDOK			Lg L	16 41 27.7	
KOTS	Kotrybulak	5.24 33	eP P	16 40 20.4	-3.9
KOTS			eS S	16 41 31.6	-0.6
KOTS			Pg P	16 40 17.0	+1.2
KOTS			Lg L	16 41 38.9	
KTBS	Karotobe	5.48 27	eP S	16 40 21.8	+2.1
KTBS			eS S	16 41 34.2	-5.6
KTBS			Pg P	16 40 16.1	-3.6
KTBS			Lg L	16 41 36.7	
PDGK	Podgomoye	6.49 45	Op Pn	16 40 20.6	+1.1
PDGK			Pb P	16 40 41.4	+4.5
PDGK			Lg L	16 42 09.1	
MKAR	Makanchi Array	10.33 37	Pn P	16 41 13.8	+1.7
ZALV	Zalesovo Beam	17.02 24	P P	16 42 40.2	-1.7
SONM	Songino Array	25.55 59	P P	16 44 09.5	-3.4

NNC 16 17:06:15.6:4.1,36.86N:71.00E,h0km,mb3.8,mpv3.5,
 3C-3D,Error ellipse: s-maj=37.4km s-min=34.4km
 az=109.0,Hindu Kush region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
KK02	Karatay Array	6.24 357	Op P	17 07 50.1	+1.0
KK02			Sn	17 09 01.8	+0.7
AAK	Ala-Archa	6.36 24	Op P	17 07 50.9	0.0
AAK			Sn	17 09 05.8	+1.5
TKM2	Tokmak 2	7.00 29	Op P	17 07 58.7	-1.0
AB31	Akbulak array	14.77 330	Op P	17 09 45.2	-0.5
DJA	DJA 16 17:12:54.1:0.3,8'S:5.1:13'E, h10km,ML4.2/18,mb4.4/6, MLV4.0/18,Jawa				
GMJI	Gumukmas	0.24 49	P P	17 12 58.6	-0.4
BLJI	Banyuglugur	0.76 26	P P	17 13 08.5	-0.2
JAGI	Jajag, Banyuwa	0.88 93	P P	17 13 09.8	-1.3
ABJI	Asem Bagus	1.15 57	P P	17 13 15.8	-0.3
DNP	Denpasar	1.94 97	P P	17 13 27.8	+0.6
SRBI	Singaraja	1.96 80	P P	17 13 27.5	0.0
PCJI	Pacitan	2.08 276	P P	17 13 29.3	+0.3
WOJI	Wonogiri, Jawa	2.39 284	P P	17 13 34.4	+1.1
UGM	Wanagama	2.76 281	P P	17 13 39.4	+1.0
TWSI	Taliwang, Sumb	3.59 95	P P	17 13 50.1	+0.2
KPJI	Karang Pucung	4.42 284	P P	17 14 01.8	+0.5
PLAI	Plampang	4.48 95	P P	17 14 03.7	+1.5
CMJI	Cimerak	4.81 277	P P	17 14 06.8	+0.2
WBSI	Waikabubak, Su	6.17 102	P P	17 14 24.4	-1.1
BKSI	Bulukumba	7.48 66	P P	17 14 43.8	+0.4
BSSI	Bau Bau, Buton	7.52 73	P P	17 14 44.5	+0.5

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
CGJI	Cibinong	7.72 283	P P	17 14 47.2	+0.6
BNSI	Bone	7.89 60	P P	17 14 49.1	+0.1
DDA	DDA 16 17:16:54.9,38.83N:37.81E,h7km,1km,ML1.2,Turkey				
HEKM	Malatya_Hekimh	0.13 69	Op P	17 16	

16d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CUPR Culebra, Puerto, STVI Saint Thomas, SDDR Presa de Sabán, etc.

UCR 16 18:34:35.01.2, 12.98N-88.93W, h52km, 15km, ML3.7
SNET 16 18:34:35.01.2, 12.98N-88.92W, h53km, 14km, ML3.7
INET 16 18:34:35.1, 13.04N-88.87W, h61km, ML2.3, MW2.5

Main table for 16d 18h section, listing station codes, names, coordinates, and time/resolution data.

IDC 16 18:40:59.3-1.6, 12.26'N-119.38'E, h0km, mb3.1/3, mb1 3.5/3, mb1mx3.2/40, mbtmp3.2/3, Error ellipse: s-maj=36.5km s-min=29.0km az=75.0

MAN 16 18:41:05.9, 14.26'N-120.47'E, h112km, mb4.0, ML2.8, MS2.4

Table for 16d 18h section, listing station codes, names, coordinates, and time/resolution data.

IDC 16 18:47:20.2-6.8, 20.81'S-177.10'W, h503km, 42km, mb3.4/5, mb1 3.6/6, mb1mx2.8/54, mbtmp4.1/3, Error ellipse: s-maj=117.0km s-min=80.3km az=133.0

IDC 16 18:47:23.5-5.8, 20.8AS-0.3-177.6W, h500km, n7, n0578/6, mb3.9/5, Fijil Islands region

Table for 16d 18h section, listing station codes, names, coordinates, and time/resolution data.

2015 DEC

0.5nm, 0.3s, baz=96, slow=1.7, SNR=8.2
AKASG Main Array Be 143.8, 31.1 PKP PKPab 19 05 55.5 -3.4

IDC 16 18:54:40.5-1.2, 8.92'S-110.71'E, h0km, mb4.3/10, mb1 4.4/12, mb1mx3.8/57, mbtmp4.2/12, ML3.8/2, MS3.1/3, MS1 3.1/3, ms1mx2.7/34, Error ellipse: s-maj=59.0km s-min=15.0km az=53.0
DJA 16 18:54:43.6-0.3, 9.54'S-111.0E, h10km, M4.5/20, mb4.7/11, mb5.2/5, MLV4.2/20, Mw(MB)4.6/5
NEIC 16 18:54:47.1, 7.91'S-110.4E:0.1, h51km, 7km, mb4.5/14, Error ellipse: s-maj=21.7km s-min=9.8km az=46.0

IDC 16 18:54:44.0-0.6, 9.36'S-110.71'E:0.06, h35km, n78, e201174, mb4.3/17, South of Jawa

Main table for 2015 DEC section, listing station codes, names, coordinates, and time/resolution data.

1812

IDC 16 18:55:54.2-0.4, 28.27'N-139.96'E, h420km, 4km, mb4.3/45, mb1 4.4/50, mb1mx4.2/66, mbtmp5.1/50, Error ellipse: s-maj=7.7km s-min=5.8km az=79.0

NEIC 16 18:55:53.1, 9.28'E:28.0, 139.7E:0.1, h428km, 4km, mb4.7/270, Error ellipse: s-maj=13.2km s-min=12.0km az=86.0

IDC 16 18:55:53.0-3.2, 30.0N:0.04+139.76E:0.04, h417km, 3km, h418km, pp-P, n857, e1222962, mb4.7/238, 89C-124D, Fault plane solution: NP1: 355.47083, 043.86870, 7.41, 49.141; NP2: 0.117, 99370, 062, 66946, 7.125, 75655; Principal axes: T P1: 10.6684, Azm: 232.8567; N P1: 131.270; Azm: 336.2870; P P1: 55.558; Azm: 339.4285; Bonin Islands region

Main table for 1812 section, listing station codes, names, coordinates, and time/resolution data.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Ulaanbaatar, Magadan, Sogingio Array, etc.

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MCK, WAT1, KNK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like RLMT Red Lodge, VLDR Vladesti, REDW Red Top Meadow, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like HUMR Humele, SRU San Rafael Swe, CSS Mathias, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MOA Mollin, KPL Plockton, TUC Tucson, etc.

16d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA3, VNA1, CZSB, ESPZ, BOAY, MG05, ETMB, COYV, LL02, LL04, LPAZ, LPAZ, LPAZ, LPAC, PB01, BO02, VA03, AC02, PTLB, CPUP.

TRN 16:09:44.1, 11.373N:62.077W, h91km, MD3.3
FUNV 16:09:46.0, 11.344N:62.117W, h24km, MW3.4
ISC 16:09:43.4, 1.5, 11.373N:0.05:62.08W:0.05, h97km, 15km, n16, c816/26, Windward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRGR, GRHS, TRN, TRN, GCMP, GCMP, CRUV, CRUV, TOSP, TOSP, SVB, SVV, SSV, MCLT, MCLT, PCRV, MPOM, MPOM, PRGV, PARIAGU, BIRV, BIRV, MERV, BAUV, BAUV.

ISC 16:19:25:08.9:6.2, 20.07S:177.84W, h525km, 4.4km, mb2.7/3, mb1 2.8/4, mb1mx2.4/45, mbtmp3.6/4, Error ellipse: s-maj=136.1km s-min=44.9km az=143.0, Fiji Islands region

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

ISC 16:19:29:34.2:2.2, 1.93N:127.25E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.5/42, mbtmp3.7/3, Error ellipse: s-maj=181.0km s-min=24.8km az=67.0, Halmahera Islands region

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

ATH 16:19:39:30.0, 38.72N:22.74E, h26km, 5km, ML1.8/1, Error ellipse: s-maj=5.4km s-min=1.0km az=82.0, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LKR, LKR, LKR, ATAL, ATAL, AGG, ANX, ANX, EFP, EFP.

NAO 16:19:39:45.4, 10.0, 73.74N:8.30E, ML2.5
BER 16:19:39:48.3, 2.9, 73.72N:9.07E, h10km, ML1.9, ML2.5(NAO), Confirmed Earthquake
ISC 16:19:39:43.8:1.1, 73.565N:8.59E:0.09, h10km, n14, c2506/16, Greenland Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HSPB, HSPB, BRBA, BRBA, BRBB, BRBB, SPA0, SPA0, KBS, KBS, KBS, LOF, LOF, ARA0, ARA0, ARA0, SCO, SCO.

THE 16:19:39:44.1, 38.53N:20.57E, h12km, 1km, ML1.6/8, Error ellipse: s-maj=2.3km s-min=0.6km az=98.0, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station FSK.

2015 DEC

Table with columns: FSK, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FSK, EVGI, EVGI, DRAG, DRAG, NYDR, NYDR, NYDR, DMLN, DMLN, VLS, VLS, KEF3, KEF3, PSDA, PSDA.

IDC 16:20:17:34.2:1.7, 7.87S:127.95E, h0km, mb3.9/2, mb1 3.6/4, mb1mx3.4/25, mbtmp3.5/4, ML3.1/2, Error ellipse: s-maj=219.3km s-min=30.5km az=65.0, Banda Sea

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

TAP 16:20:18:12.1, 24.61'N:122.35'E, h14km, 1km, ML3.2, C
JMA 16:20:18:13.5:0.1, 24.55'N:122.32'E, h36km, 4km, M2.7
ISC 16:20:18:12.1:1.0, 24.64'N:122.37'E:0.02, h15km, 8km, n71, c0964/101, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EGGS, TWC, TWC, TWC, NTC, JYNG, JYNG, EWUT, ILA, ILA, NDS, TIPB, ENA, ENA, YOJ, YOJ, TWE, TWE, NWF, NWF, ENT, ENT, NDT, NDT, TWA, TWA, NNLW, NNLW, ETL, ETL, NHDH, NHDH, NACB, NACB, NACB, TAP, TAP, TAP, TWD, TWD, YHNB, YHNB, YHNB, ETLH, ETLH, NSK, NSK, NSK, NNSB, NNSB, NNS, NNS, ANP, ANP, TWS1, TWS1, NTST, NTST, FUSS, FUSS, WHF, WHF, TWT, TWT, TDCB, TDCB, ESHL, ESHL, LIOB, LIOB, LIOB.

ISC 16:20:23:32.0:0.8, 31'S:16'18'0"E:4'5, h296km, 26km, M4.4/5, mb4.6/4, ML4.8/11, MLv4.5/Mw(MB)3.8/4, Error ellipse: s-maj=0.1km s-min=0.0km az=109.3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLKZ, GLKZ, MXZ, RUGZ, RUGZ, PUZ, PUZ, MWZ, MWZ, URZ, URZ, CNZG, CNZG, MUGZ, MUGZ, BKZ, BKZ, OTVZ, OTVZ, KWHZ, KWHZ, SNVZ, SNVZ, KRHZ, KRHZ, KAHZ, KAHZ, PNHZ, PNHZ, PRHZ, PRHZ, BFZ, BFZ.

NEIC 16:20:27:31.9:1.1, 45.71N:0.05:26.56E:0.06, h152km, 5km, Error ellipse: s-maj=7.0km s-min=5.8km az=144.0
SIGU 16:20:27:32.0, 45.67N:26.57E, h148km, mb3.8
BUC 16:20:27:33.0:0.2, 45.65N:26.55E, h140km, 1km, m4, 1/60, Error ellipse: s-maj=1.4km s-min=1.1km az=0.0
SOF 16:20:27:33.5, 45.70N:26.47E, h100km, MD3.9
IDC 16:20:27:34.6:3.3, 46.13N:26.06E, h172km, 37km, mb3.0/5, mb1 3.1/8, mb1mx2.9/32, mbtmp3.5/8, Error ellipse: s-maj=44.9km s-min=17.2km az=145.0
BEO 16:20:27:38.9:1.3, 45.56N:26.08E, h85km, ML3.2/12
ISC 16:20:27:32.3:0.7, 45.70N:0.02:26.55E:0.02, h149km, 4km, n165, c095/249, mb3.3/6, 69C-67D, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLOR, PLOR, PLOR, BISR, BISR, VRI, VRI, VRI, COVR, COVR, COVR, NEHR, NEHR, NEHR, GREH, GREH, MLR, MLR, MLR, ISR, ISR, OZUR, OZUR, GHRH, GHRH, GHRH, SECR, SECR.

816

Table with columns: NSTT, NSTT, IRIF, IRIF, IRIF, OWD, OWD, WHP, WHP, WHP, WWD, WWD, HGSD, HGSD, HATJ, HATJ, HATJ, NMLH, NMLH, NMLH, WCL, WCL, WCL, EHY, EHY, SMLT, SMLT, SMLT, SSSL, SSSL, YKRS, YKRS, YKRS, TYC, TYC, YULB, YULB, JIJ, JIJ, JIJ, WHYT, WHYT, WJS, WJS, WJS, FULB, FULB, JISG, JISG, ALS, ALS, CHNS, CHNS, ELDTW, ELDTW, WDLH, WDLH, WDLH, EDH, EDH, EDH, WRL, WRL, STYH, STYH, TPUB, TPUB, WTP, WTP, SSD, SSD, TSMG, TSMG, MASBT, MASBT, SCZT, SCZT.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YULB, JIJ, JIJ, WHYT, WHYT, WJS, WJS, WJS, FULB, FULB, JISG, JISG, ALS, ALS, CHNS, CHNS, ELDTW, ELDTW, WDLH, WDLH, WDLH, EDH, EDH, EDH, WRL, WRL, STYH, STYH, TPUB, TPUB, WTP, WTP, SSD, SSD, TSMG, TSMG, MASBT, MASBT, SCZT, SCZT.

WEL 16:20:23:32.0:0.8, 31'S:16'18'0"E:4'5, h296km, 26km, M4.4/5, mb4.6/4, ML4.8/11, MLv4.5/Mw(MB)3.8/4, Error ellipse: s-maj=0.1km s-min=0.0km az=109.3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLKZ, GLKZ, MXZ, RUGZ, RUGZ, PUZ, PUZ, MWZ, MWZ, URZ, URZ, CNZG, CNZG, MUGZ, MUGZ, BKZ, BKZ, OTVZ, OTVZ, KWHZ, KWHZ, SNVZ, SNVZ, KRHZ, KRHZ, KAHZ, KAHZ, PNHZ, PNHZ, PRHZ, PRHZ, BFZ, BFZ.

NEIC 16:20:27:31.9:1.1, 45.71N:0.05:26.56E:0.06, h152km, 5km, Error ellipse: s-maj=7.0km s-min=5.8km az=144.0
SIGU 16:20:27:32.0, 45.67N:26.57E, h148km, mb3.8
BUC 16:20:27:33.0:0.2, 45.65N:26.55E, h140km, 1km, m4, 1/60, Error ellipse: s-maj=1.4km s-min=1.1km az=0.0
SOF 16:20:27:33.5, 45.70N:26.47E, h100km, MD3.9
IDC 16:20:27:34.6:3.3, 46.13N:26.06E, h172km, 37km, mb3.0/5, mb1 3.1/8, mb1mx2.9/32, mbtmp3.5/8, Error ellipse: s-maj=44.9km s-min=17.2km az=145.0
BEO 16:20:27:38.9:1.3, 45.56N:26.08E, h85km, ML3.2/12
ISC 16:20:27:32.3:0.7, 45.70N:0.02:26.55E:0.02, h149km, 4km, n165, c095/249, mb3.3/6, 69C-67D, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLOR, PLOR, PLOR, BISR, BISR, VRI, VRI, VRI, COVR, COVR, COVR, NEHR, NEHR, NEHR, GREH, GREH, MLR, MLR, MLR, ISR, ISR, OZUR, OZUR, GHRH, GHRH, GHRH, SECR, SECR.

16D 20h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like URZ Urewera, KARZ Kaharoa, TOZ Taharoa Road, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ARMA Armidale, RK1H Rockhampton Ha, NTLH Newcastle Har, etc.

818

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like FORT comp=Z,28nm,0.7s, IAMB IAMB, etc.

16d 20h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like P18A, JRM, N25K, ANMO, etc.

2015 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HDA, SDCO, YHH, KULM, etc.

820

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KAN14, KMI, R32A, etc.

USP	Ospenovka	118.19 309	P	PKPdf	20 57 18.4 -0.5
AML	Almayshu	118.76 308	P	PKPdf	20 57 20.2 -0.3
BRVK	Borovyev	120.47 321c	f/	PKPdf	20 57 22.7 -0.2
BRVK	comp-Z,4,0nm,1.0s			pmax	
BRVK	Borovyev	120.47 321	PKPdf	PKPdf	20 57 22.0 -1.0
BTK	Batken	120.90 305	PKIKP	PKPdf	20 57 23.3 -1.0
BTK	Batken	120.76 305	PKIKP	PKPdf	20 57 23.3 -1.0
KKAR	Karatay Array	121.10 309	PKIKP	PKPdf	20 57 23.2 -1.3
KKAR	Karatay Array	121.10 309	PKIKP	PKPdf	20 57 23.2 -1.3
GGAR	Garm	121.27 304	PKIKP	PKPdf	20 57 24.8 -0.3
VOI	Vohitsoka	121.97 227	PKIKP	PKPdf	20 57 27.1 +0.1
KBL	Kabul	122.15 289	PKIKP	PKPdf	20 57 26.8 -0.2
KBL	Kabul	122.15 289	PKIKP	PKPdf	20 57 26.8 -0.2
CHGR	Chuyangaron	122.17 304	PKIKP	PKPdf	20 57 26.3 -0.5
SVE	Sverdligor	125.04 326	ePKIKP	PKPdf	20 57 31.5 +0.1
SVE	comp-Z,14nm,1.1s			pmax	
ARU	Arti	126.25 326c	f/	PKIKP	20 57 34.0 +0.1
ARU	comp-Z,14nm,1.0s			pmax	
ARU	Arti	126.25 326	PKPdf	PKPdf	20 57 33.4 -0.5
ABKAR	Abkulak array	127.57 318	PKPdf	PKPdf	20 57 36.0 -0.7
HRA	Herat	127.76 309	PKIKP	PKPdf	20 57 37.0 -0.8
BOSA	Boshof	128.17 203	PKIKP	PKPdf	20 57 38.9 +0.2
ARCES	ARCCESS Array B	128.68 351	PKP	PKPdf	20 57 38.0 -0.2
ARCES	comp-Z,3.2nm,0.5s,baz=359,slow=1.2,SNR=32			PKPdf	
ARCES	ARCCESS Array B	128.68 351	PKP	PKPdf	20 58 03.1 -1.2
KIRV	Kirov	129.75 332c	f/	PKIKP	20 57 41.5 -0.3
KIRV	Alibek	129.83 303	PKP	PKPdf	20 57 43.1 -0.3
FINES	comp-Z,7.5nm,0.7s,baz=59,slow=25,SNR=4.1			PKPpre	20 57 47.4
FINES	FINES Array B	135.83 346	PKIKP	PKPpre	20 57 50.8 -1.0
FINES	comp-Z,3.2nm,0.5s,baz=40,slow=3.2,SNR=9.4			PKP	
FINES	comp-Z,3.2nm,0.5s,baz=39,slow=3.2,SNR=9.4			PKP	
OBN	Obninsk	137.46 334	f/	PKIKP	20 57 55.4 +0.4
OBN	comp-Z,8.0nm,1.1s			pmax	
LSZ	Lusaka	138.50 215	PKHKP	PKPpre	20 57 49.4
LSZ	Lusaka	138.50 215	PKHKP	PKPpre	20 57 49.4
NOA	NORAS Array B	138.52 356	PKIKP	PKPdf	20 57 57.8 +0.8
KVB	Khabaz	140.49 316	PKP	PKPdf	20 58 00.8 -0.1
KIV	Kislovodsk	140.53 316	ePKIKP	PKPdf	20 58 02.4 +1.2
KIV	comp-Z,3.0nm,1.0s			pmax	
KIBK	Kibzevi	140.99 239	PKIKP	PKPpre	20 57 56.6
NACGM	Naroch	141.25 340	iPKP	PKPdf	20 57 57.8 -0.2
KMBO	Kilima Mbogo	142.33 240	PKIKP	PKPpre	20 58 01.6
KMBO	comp-Z,2.6nm,0.6s,baz=12,SNR=5.8			PKPpre	
KMBO	Kilima Mbogo	142.33 240	PKIKP	PKPdf	20 58 03.5 -2.1
KMBO	Kilima Mbogo	142.33 240	PKIKP	PKPdf	20 58 03.5 -2.1
RAYN	Ray Rayn	142.42 283	PKHKP	PKPpre	20 58 00.0
RAYN	Ray Rayn	142.42 283	PKHKP	PKPpre	20 58 00.0
GIRO	Guroymak-BITLI	143.07 308	PKIKP	PKPab	20 58 02.9 -3.1
SIRT	Sirnak	143.11 307	PKIKP	PKPab	20 58 02.3 +0.0
KOPT	Kop Dag	143.64 312	PKIKP	PKPab	20 58 05.0 +0.2
AKASG	Malin Array Be	143.72 334	PKHKP	PKPpre	20 58 03.0
AKASG	comp-Z,4.6nm,0.7s,baz=39,slow=4.8,SNR=3.1			SKPbc	21 01 36.7 -2.7
AKASG	Malin Array Be	143.72 334	PKHKP	PKPpre	20 58 01.9
MARD	Mardin	144.42 307	PKPdf	PKPdf	20 58 06.9 -0.1
RGN	Rugen	144.70 352	ePKPbc	PKPdf	20 58 09.9 +1.8
RGN	comp-Z,7.1,slow=2.5			PKPbc	
SIM	Simferopol	145.26 323c	f/	PKIKP	20 58 08.6 -0.6
BSEG	Bad Segeberg	145.64 355	ePKPbc	PKPbc	20 58 10.2 +0.1
REL	Belsk	145.71 343	ePKPbc	PKPab	20 58 10.8 +0.0
SORM	Soroca	146.03 332	iPKP	PKPbc	20 58 11.4 -0.1
SORM	Soroca	146.03 332	iPKP	PKPbc	20 58 11.4 -0.1
LODK	Lodwar	146.39 245	PKIKP	PKPdf	20 58 12.7 +0.3
LVV	L'vov	146.43 338	ePKP2	PKPdf	20 58 11.9 +0.7
MILM	Milestii Mici	146.72 330	PKIKP	PKPbc	20 58 12.9 -0.7
MILM	Milestii Mici	146.72 330	PKIKP	PKPbc	20 58 12.9 -0.7
KWP	Kalwaria Pacia	147.05 339	PKIKP	PKPbc	20 58 14.5 0.0
KWP	Kalwaria Pacia	147.05 339	PKIKP	PKPbc	20 58 14.0 -0.5
KWP	Kalwaria Pacia	147.05 339	PKIKP	PKPbc	20 58 14.0 -0.5
GAZ	Gaziantep	147.13 309	PKIKP	PKPdf	20 58 13.3 +0.4
FLTG	Flechtingen	147.13 353	ePKPbc	PKPbc	20 58 14.5 0.0
FLTG	comp-Z,7.1,slow=2.5			PKPbc	
BNN	Bunyan	147.40 312	PKPab	PKPbc	20 58 16.2 +0.3
VASR	Vaslui	147.40 331	iPKP	PKPbc	20 58 16.1 +0.6
OJC	Ojcow	147.44 342	ePKPab	PKPbc	20 58 15.3 -0.2
OJC	Ojcow	147.44 342	ePKPab	PKPbc	20 58 14.8 -0.7
CLZ	Clausthal	147.70 354	ePKPbc	PKPbc	20 58 16.5 +0.2
ILGA	Ilgaz	147.73 317	PKIKP	PKPbc	20 58 17.7 +0.7
KSP	Kiszak	147.74 347	ePKPab	PKPbc	20 58 16.7 +0.4
BURB	Bucovina Ar. S	147.76 334	PKPdf	PKPdf	20 58 14.0 +0.3
BURB	Bucovina Array	147.76 334	PKIKP	PKPbc	20 58 17.0 +0.9
BURB	Bucovina Array	147.76 334	PKIKP	PKPbc	20 58 17.0 +0.9
BURB	Bucovina Array	147.76 334	PKIKP	PKPdf	20 58 12.6 -1.1
KOLS	Kolonische sedl	147.79 339	ePKP	PKPbc	20 58 17.1 +0.6
MBAR	Mbarara	147.81 234c	f/	PKPbc	20 58 19.0 +1.2
MBAR	Mbarara	147.81 234	f/	PKPbc	20 58 18.4 +0.6
VLDR	Vladesti	147.85 329	PKIKP	PKPbc	20 58 17.6 +0.9
CLL	Collm	147.90 351	f/	PKP2	20 58 16.8 +0.1
CLL	comp-Z,28nm,0.6s			pmax	
CLL	Collm	147.90 351	f/	PKPbc	20 58 16.8 +0.1
CLL	comp-Z,18nm,0.8s			pmax	
CLL	Collm	147.90 351	f/	PKPbc	20 58 16.8 +0.1
CLL	comp-Z,28nm,0.6s			PKIKP	20 58 18.9 +0.4
CLL	comp-Z,18nm,0.8s			ePKPbc	20 58 30.0 -2.9
CLL	Collm	147.90 351	f/	PKPbc	20 58 43.8
CLL	Collm	147.90 351	f/	PKPbc	20 58 16.8 +0.1
CLL	comp-Z,7.1,slow=2.5			PKPbc	20 58 16.3 -0.4
VARL	Varlez	147.92 330	iPKP	PKPbc	20 58 17.9 +1.0
NIE	Niedzica	148.01 341	ePKPab	PKIKP	20 58 18.3 -0.6
GHRR	Gharr	148.01 330	iPKP	PKPbc	20 58 18.0 +0.9
SCTR	Scanteiesti	148.01 329	iPKP	PKIKP	20 58 18.2 -0.7
TESR	Tescani	148.02 332	PKIKP	PKPbc	20 58 18.3 -0.3
OSTC	Ostias	148.03 347	ePKP	PKPbc	20 58 17.6 +0.5
CHVC	Chvalec	148.03 347	ePKP	PKPbc	20 58 17.6 +0.5
UZH	Uzhgorod	148.04 338	ePKP2	PKPbc	20 58 16.0 -1.1
CRVS	Cervencia-Dubn	148.09 340	ePKP	PKPbc	20 58 16.9 -0.4
BRG	Berggiesshübel	148.17 349	ePKP	PKPbc	20 58 17.7 +0.2
BRG	comp-Z,12nm,0.6s			Amp	
BRG	Berggiesshübel	148.17 349	P	PKIKP	20 58 19.9 +0.7
BRG	comp-Z,12nm,0.7s			Amp	
BRG	Berggiesshübel	148.17 349	P	PKIKP	20 58 20.6
BRG	comp-Z,12nm,0.7s			sPKPab	20 58 44.9 -1.1
BRG	Berggiesshübel	148.17 349	P	PKIKP	20 58 49.0
SLCR	Slobozia Conac	148.18 329	iPKP	PKIKP	20 58 18.6 -0.7
DPC	Dobruska-Polom	148.20 346	ePKP2	PKPbc	20 58 18.1 +0.5
DPC	Dobruska-Polom	148.20 346	ePKP2	PKPbc	20 58 18.1 +0.5
DPC	Dobruska-Polom	148.20 346	ePKP2	PKPbc	20 58 18.1 +0.5
DPC	Dobruska-Polom	148.20 346	ePKP2	PKPbc	20 58 18.1 +0.5
IZVR	Izvoarele	148.22 329	iPKP	PKPbc	20 58 18.1 +0.4
FBE	Freiberg	148.22 350	ePKPbc	PKPbc	20 58 18.7 +0.7
FBE	comp-Z,7.1,slow=2.5			PKPbc	20 58 18.5
OKC	Ostrava-Krasne	148.23 344	ePKP2	PKPbc	20 58 18.2 +0.6
OKC	Ostrava-Krasne	148.23 344	ePKP2	PKPbc	20 58 18.2 +0.6
CFR	Caracul	148.30 328	iPKP	PKPbc	20 58 17.8 -0.1
CFR	Caracul	148.30 328	iPKP	PKPbc	20 58 17.8 -0.1
KRLC	Kraliky	148.35 346	ePKP2	PKPbc	20 58 18.2 +0.2
KRLC	Kraliky	148.35 346	ePKP2	PKPbc	20 58 18.2 +0.2
KRLC	Kraliky	148.35 346	ePKP2	PKPbc	20 58 18.2 +0.2
KRLC	Kraliky	148.35 346	ePKP2	PKPbc	20 58 18.2 +0.2
TRPA	Tarpa	148.38 338	iPKP	PKPbc	20 58 18.6 +0.5
PVCC	Panska Ves	148.39 346	ePKP2	PKPbc	20 58 18.7 +0.7
PVCC	Panska Ves	148.39 346	ePKP2	PKPbc	20 58 18.7 +0.7
PVCC	Panska Ves	148.39 346	ePKP2	PKPbc	20 58 18.7 +0.7
TPGR	Topolog	148.39 328	iPKP	PKPbc	20 58 18.7 +0.5
BMR	Baia Mare	148.41 336	iPKP	PKPbc	20 58 17.6 -0.6
MORC	Moravsky Berou	148.44 345	iPKP	PKPbc	20 58 18.1 -0.2
MORC	Moravsky Berou	148.44 345	iPKP	PKPbc	20 58 18.4 +0.1
MORC	Moravsky Berou	148.44 345	iPKP	PKPbc	20 58 18.1 -0.2
MORC	Moravsky Berou	148.44 345	iPKP	PKPbc	20 58 18.1 -0.2
MORC	Moravsky Berou	148.44 345	iPKP	PKPbc	20 58 17.5 -0.7
VRI	Vrincioiaia	148.47 331	iPKP	PKPbc	20 58 18.9 +0.5
VRI	Vrincioiaia	148.47 331	iPKP	PKPbc	20 58 18.9 +0.5

BR131	Keskin Array S	148.47 315	PKIKP	PKPdf	20 58 16.6 -1.4
BR131	Keskin Array S	148.47 315	PKIKP	PKPdf	20 58 16.6 -1.4
BRTR	Keskin Array B	148.47 315	PKPbc	PKPbc	20 58 18.2 -0.5
BRTR	comp-Z,17nm,0.8s,baz=225,slow=0.2,SNR=25			PKPbc	20 58 14.1 -1.1
LANS	Liptovsky Array B	148.47 315	ePKP	PKPbc	20 58 19.0 +0.6
PLOR	Plostina	148.52 331	iPKP	PKPbc	20 58 18.2 -0.3
PLOR	Plostina	148.52 331	iPKP	PKPbc	20 58 19.0 +0.5
ALOR	ARCALIA	148.55 335	iPKP	PKIKP	20 58 19.5 -0.6
ALOR	ARCALIA	148.55 335	iPKP	PKIKP	20 58 19.5 -0.6
COVR	Voineasa-Covas	148.73 331	iPKP	PKPbc	20 58 19.2 +0.1
MOXA	Moxa	148.74 352	ePKPbc	PKPbc	20 58 19.0 0.0
HARR	Harsova	148.75 328	iPKP	PKPbc	20 58 19.7 +0.6
UBBA	Unterreibzbach	148.75 354	ePKPbc	PKPbc	20 58 18.8 0.0
TLBR	Topalu	148.80 328	iPKP	PKPbc	20 58 19.4 +0.1
PLN	Plauen	148.82 351	ePKPbc	PKPbc	20 58 19.4 +0.2
WERD	Werdau	148.84 351	ePKPbc	PKPbc	20 58 19.6 +0.4
TANN	Tannenbergestha	148.85 351	ePKPbc	PKPbc	20 58 19.6 +0.3
TANN	comp-Z,7.1,slow=2.5			PKPbc	
PRU	Pruhonice	148.91 348	ePKP2	PKPbc	20 58 19.5 +0.1
PRU	Pruhonice	148.91 348	ePKP2	PKPbc	20 58 19.5 +0.1
GUZN	Gunzen	148.92 351	ePKPbc	PKPbc	20 58 19.8 +0.4
GUZN	comp-Z,7.1,slow=2.5			PKPbc	
WERM	Wernitzgrün	148.99 351	ePKPbc	PKPbc	20 58 20.0 +0.4
WERM	comp-Z,7.1,slow=2.5			PKPbc	
DOPR	Doprsko	149.00 332	iPKP	PKPbc	20 58 20.2 +0.4
NEHR	Nehoiu	149.00 330	iPKP	PKPbc	20 58 19.7 -0.1
NKC	Novy Kostel	149.03 351	ePKP2	PKPbc	20 58 20.2 +0.5
NKC	Novy Kostel	149.03 351	ePKP2	PKPbc	20 58 20.2 +0.5
VRAC	Vranov	149.11 345	iPKP	PKPbc	20 58 19.5 -0.4
VRAC	Vranov	149.11 345	iPKP	PKPbc	20 58 19.5 -0.4
VRAC	Vranov	149.11 345	iPKP	PKPbc	20 58 19.5 -0.4
VRAC	Vranov	149.11 345	iPKP	PKPbc	20 58 19.5 -0.4
MLR	Muntele Rosu	149.11 331	iPKP2	PKPbc	20 58 20.5 +0.3
MLR	Muntele Rosu	149.11 331	iPKP2	PKPbc	20 58 20.5 +0.3
MLR	Muntele Rosu	149.11 331	iPKP2	PKPbc	20 58 19.8 -0.5
ISRA	Istrita	149.12 330	iPKP2	PKPbc	20 58 20.2 +0.1
CJR	Ciuj-Napoca	149.16 335	iPKP	PKIKP	20 58 21.4 0.0
CJR	Ciuj-Napoca	149.16 335	iPKP	PKIKP	20 58 21.4 0.0
MEM	Membach	149.19 359	dPKPab	PKIKP	20 58 22.4 +1.1
BTNL	Ternell	149.21 359	dPKIKP	PKIKP	20 58 20.1 -0.1
BTNL	Sart Tilman	149.22 360	dPKIKP	PKIKP	

16d 20h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like HKT Westbrock Farm, 833A Chaparral WMA, BIRV BIRV, 152A 152A, 154A Montrose, NATX NATX, 435B 435B, 251A Franklin, GOGA GOGA, GOGA GOGA, PCRV PCRV, PLCV Y49A, JCT JCT, Y45A Yeager Farm, Y52A Y52A, WHTX WHTX, CCAR WLAR, X48A X48A, JSC JSC, PLAL HPIG, W50A W50A, W52A W52A, TXAR TXAR, TXAR TXAR, TXAR TXAR, BG3 BG3, PAULI PAULI, Z35A Z35A, MIAR MIAR, MIAR MIAR, BIRD BIRD, CPCT CPCT, W41B Gary Mavity, CZSB ABTX, ABTX ABTX, KMSC KMSC, KMSC KMSC, WHAR WHAR, TKL TKL, TKL TKL, X37A X37A, LOOK V51A, V53A V53A, W57A W57A, W39A W39A, W39A W39A, V52A CLTN, WVT WVT, FCAR FCAR, LCAR LCAR, V55A V55A, X34A X34A, TZTN TZTN, TZTN TZTN.

2015 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PARMO Parma, W58A Windy Hill, W35A W35A, U40A U40A, U40A U40A, U54A U54A, PBMO PBMO, T47A T47A, T45A T45A, T50A T50A, TUL1 TUL1, TUL1 TUL1, T42A T42A, U38A U38A, OK025 OK025, OK030 OK030, BCOK BCOK, OK031 OK031, OK034 OK034, MGMO MGMO, OK029 OK029, QUOK QUOK, SIUC SIUC, S51A S51A, S51A S51A, BLA BLA, BLA BLA, T57A T57A, MNTX MNTX, MNTX MNTX, WCI WCI, MSTX MSTX, MSTX MSTX, S39A S39A, CCM CCM, CCM CCM, R49A R49A, R49A R49A, BLOK BLOK, BLOK BLOK, CROK CROK, CROK CROK, AMTX AMTX, AMTX AMTX, U32A U32A, R53A R53A, R40A R40A, R40A R40A, S57A S57A, OLIL OLIL, OLIL OLIL, OK032 OK032, R55A R55A, Q51A Q51A, P48A P48A, P48A P48A, Q54A Q54A, P49A P49A, P49A P49A, P53A P53A, P53A P53A, P52A P52A, P52A P52A, 121A 121A, O44A O44A, P38A P38A, SFIN SFIN, R32A R32A, R32A R32A, K51U K51U, K51U K51U, O52A O52A, O52A O52A, P57A P57A, HDIL HDIL, O53A O53A, O53A O53A, N47A N47A, N47A N47A, ANMO ANMO, ANMO ANMO, ANMO ANMO, N48A N48A, PTGA PTGA, ETMB ETMB, ETMB ETMB, MVL MVL.

822

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like T25A Trinidad, T25A Trinidad, MACA Manacapurum, MACA Manacapurum, N35A Tabor, M53A W Miller, M54A Oil Creek, M54A Oil Creek, N33A J Bar K, L40A Anamosa, L40A Anamosa, N59A State Game, N59A State Game, M57A Sunshine Farm, M57A Sunshine Farm, SDCO Great Sand, SDCO Great Sand, ERPA Erie, ERPA Erie, BGNE Belgrade, BGNE Belgrade, 214A Organ Pipe, SAML Samuel, SAML Samuel, L56A Greenwood, S22A 4UR Ranch, BINY Binghamton, BINY Binghamton, MVCO Mesa Verde, MVCO Mesa Verde, OGNE Ogallala, OGNE Ogallala, L59A Walton, L59A Walton, WUAZ Wupatki, K31A O'Neill, ISCO Idaho Springs, ISCO Idaho Springs, SMCO Snowmass, SMCO Snowmass, J56A Wolcott, J37A Lemond, Waseca, J57A Williamson, ECSD EROS Data, ECSD EROS Data, TRY Troy, TRY Troy, L61B Northampton, J58A Remsen, J58A Remsen, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, N23A Red Feather, SADO Sadova, SADO Sadova, SPMN Marine on St, SPMN Marine on St, BC3 Big Chuckawall, O20A White River, O20A White River, O20A White River, SUSD Miller, SUSD Miller, PB16 IPOC Station, SRU San Rafael, LONY Lake Ozonia, LONY Lake Ozonia, F36A Milaca, E43A Lone Tree, MTPU Mount Pierson, MTPU Mount Pierson, P18A Preston, P18A Preston, PFO Pinyon Flats, P17A Butcher Ranch, P17A Butcher Ranch, SZCU Shurtz Canyon, ITTB Itatuba, MSU Marysville, MVU Marysville, F33A 5 Mile Ranch, RDMU Red Mountain, E38A The Farm, TCRU Three Creeks, K22A Casper, RSSD Black Hills, RSSD Black Hills, WLU Jordanelle, JLB Vilhena, TPNV Topopah Spring, DUG Dugway, DUG Dugway, DUG Dugway.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like Novo Progresso, Spring Creek, Boulder Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like SAO DESIDERIO, PCMB Pacambu, IPMB Iperame, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like BBOO Buckleboo, AS31 Alice Springs, etc.

NINC 16:21:36.59;8.2.7.39;45N:75.78E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=19.3km s-min=11.5km az=153.0

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like ULHL Ulahol, UCH Uchtor, AML Anidashu, etc.

SNET 16:21:44.12;3.1.1.14;37N:90.43W, h13km, 999km, ML2.7 GCG 16:21:44.12;1.0.7.14;44N:90.49W, h9km, 6km, MD3.1

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like PCG Pacaya, NBG Las Nubes, FUG Fuego 3, etc.

GCG 16:20:46.01;5.0.4.14;45N:90.51W, h6km, 11km, MD3.5 SNET 16:20:46.01;8.1.1.14;31N:90.45W, h10km, ML3.1

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like TORO Torodi Ar, Bea, SONM Songino Array, etc.

NEIC 16:21:27.13;9.0.9.23;3T:0.3;179.9W;0.4, h510km, 34km, mb4, 1/10, Error ellipse: s-maj=66.7km s-min=23.5km

IDC 16:21:27.16;3.31.0.23;1S:179.9E; h537km, 277km, mb3.4/3, mb1 3.6/3, mb1mx3/0.22, mbtmp4.4/3, Error ellipse: s-maj=266.3km s-min=123.2km az=123.0

ISC 16:21:27.14;8.1.3.23;5S:0.1;179.8W;0.2, h550km, n19, 0f73/21, mb4.1/8, South of Fiji Islands

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like MSVF Nonsavu, THZ Tophouse, etc.

SOME 16:21:45;32.1, 37.57N;71.78E, h0km IDC 16:21:45;32.2;6.8, 36; 12N;70.16E, h158km, 59km, mb3.1/4, mb1 3.1/9, mb1mx2/9.57, mbtmp3.6/9, Error ellipse: s-maj=53.6km s-min=40.1km az=51.0

NINC 16:21:45;44.4;5.37;10N:70.18E, h166km, 66km, mb3.1, mpv4.0, Error ellipse: s-maj=40.5km s-min=27.1km az=20.0

ISC 16:21:45;42.1;2.0, 36;8N:0.1;70.5E;0.1, h200km, n29, 0f154/35, mb3.0/3, 5C-5D, Hindu Kush region

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like IUG Iuzhnyy, IUG Iuzhnyy, AML Almayusha, etc.

16Z 22h

Table with columns: DZA, Taraz, Time, Magnitude, Direction, Station Name, and other parameters. Includes entries for UCH, BRLLS, KK02, MRKS, EK52, AAK, AAK, AAK, AAK, KBK, CHMS, USP, TKM2, TKM2, TKM2, KST, KST, MDOK, MKAR, AB31, KURBB, BVAR, BVAR, AKTO, AKTO, ZALV, SONM, WRA, ASAR.

IDC 1622:01:29.5:0.5:3.43N:127.56E, h0km, mb4.5/28, mb1.4, 6/29, mb1mx4.4/55, mbtmp4.5/29, ML4.3/1, MS3.9/29, MS1.3/29, ms1mx3.8/45, Error ellipse: s-maj=20.9km s-min=11.0km az=85.0

NEIC 1622:01:32.0:1.4:3.43N:0.06:127.36E:0.08, h10km±1km, mb4.8/71, Error ellipse: s-maj=13.8km s-min=9.0km az=72.0

BUI 1622:01:33.0:0.0:3.15N:127.45E, h56km, mb5.0/36, mb4.6/63, Ms4.5/33, Ms7.4/34

GCMT 1622:01:36.0:0.3:3.60N:0.02:127.53E:0.02, h20km±1km, MW5.0/80, Moment Tensor Solution, s22:0.23, s80:c113; Duration: 0 Moment tensor: Scale 10^19Nm; M1: -0.96; 14; M2: 1.70; 10; M3: -0.73; 11; M4: -2.40; 31; M5: -1.80; 09; M6: -0.83; 23; Best double couple: Ms3.44/200/1016; NP1: 83.0/000/0; 340.0/000/0; 1-16.00000/0; NP2: 66.80/0000/0; 580.00000/0; 1-129.00000/0; Principal axes: T 3.4580, Plg25.0000, Azm199.0000; N -0.0350, Plg38.0000, Azm88.0000; P -3.4270, Plg42.0000, Azm313.0000; nsta2 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, body=50s. Triangular moment-rate function

DJA 1622:01:37.3:0.3:3.1N:2.127E, h59km±3km, M4.7/57, mb4.9/57, mb5.2/25, MLv5.0/17, Mw(mb)4.6/25, MwMwp4.6/1, Mwps.0/1

KLM 1622:01:37.3:5.52N:127.62E, h65km, mb4.8, ISC 1622:01:36.2:0.3:3.1N:0.04:127.41E:0.06, h45km, n208, N1456/197, mb4.7/72, MS3.9/33, 5D-2D, Talaud Islands

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

2015 DEC

Table with columns: Station Name, Time, Magnitude, Direction, Station Name, and other parameters. Lists various seismic stations and their associated data.

824

Table with columns: Station Name, Time, Magnitude, Direction, Station Name, and other parameters. Lists various seismic stations and their associated data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like Vanda, ONI, MLY, etc.

INET 16 22:08:25.0, 11.92N, 89.05W, h15km, MW3.3
UCR 16 22:08:28.4, 1.4, 11.87N, 88.89W, h34km, 23km, ML3.6, MW3.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like LFRS, PAVA, JAYA, etc.

DDA 16 22:15:09.1, 39.94N, 33.23E, h7km, 2km, MW3.6
CFUSG 16 22:15:09.3, 39.98N, 33.21E, h8km, mb2.62, MD3.1/2, Central Turkey Magtype MSH 2.4 from 2 stations

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like BRTR, BBAL, DELI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like KIRS, KIBS, BCAM, etc.

TUL 16 22:17:25.1, 1.2, 36.00N, 0.01, 97.30W, 0.02, h6km, 7km, ML2.7, mb, Lg2.5/17(NEIC), Error ellipse: s-maj=1.8km s-min=1.6km az=113.0

NEIC 16 22:17:25.4, 0.8, 36.01N, 0.01, 97.30W, 0.02, h4km, 7km, Error ellipse: s-maj=1.9km s-min=1.6km az=100.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like OK031, OK025, etc.

HVO 16 22:23:28.4, 0.3, 19.33N, 0.06, 155.12W, 0.04, h7km, 4km, ML3.9/38, ML3.8/46(NEIC), Error ellipse: s-maj=8.9km s-min=6.9km az=178.0

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

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

NEIC 16 22:26:13.0, 1.7, 20.97S, 0.05, 178.6W, 0.2, h589km, 6km, mb4, 4/31, Error ellipse: s-maj=21.1km s-min=6.3km az=78.0

IDC 16 22:26:14.3, 1.6, 21.08S, 178.77W, h605km, 1.4km, mb3, 4/6, mb 3.6/9, mb1mx3.3/2.3, mb1mx4.4/8, Error ellipse: s-maj=28.6km s-min=16.9km az=141.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like MSVF, MARNC, PINNC, etc.

17d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOCV Socops, TXAR Lajitas Array, PDAR Pinedale Array, YKA Yellowknife Arr, ILAR Eielson Array.

IDC 17 01:54:18.7-2.1, 19.165:71.61W, h0km, mb4.0/4, mb1 4.1/5, mb1mx3/8/18, mbtmp3.4/0.5, ML3.4/1, MS2.9/1, Ms1 3.0/1, ms1mx2/5/21, Error ellipse: s-maj=79.9km s-min=36.6km az=5.0

GUC 17 01:54:26.5-0.6, 18.50S:71.31W, h30km, 5km, ML3.7, ISC 17 01:54:21.5-2.5, 18.81S:06.7146W, 0.09, h11km, 14km, n29, r152/30, mb4.1/4, 3C-1D, Off coast of northern Chile

Main table for Chile stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB12 IPOC Station P, AP01 Chacalluta, TA02 Huaiquique, PB11 IPOC Station P, HMB3 Humbestone, TA01 Diego Aracena, PATCX Punta Patache, PB08 IPOC Station P, PB01 IPOC Station P, PB02 IPOC Station P, PB07 IPOC Station P, PB03 IPOC Station P, PB04 IPOC Station P, LPAZ La Paz, LPAZ comp=N, 1.3nm, 0.3s, baz=239, slow=5.9, SNR=37, H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, BDFB Brasilia, DBIC Dimbokro, TORD Torodi Arr, YKA Yellowknife Arr, H11S2 WAKE ISLAND Hy25.11 280 T, H11S1 WAKE ISLAND Hy25.12 280 T, H11S3 WAKE ISLAND Hy25.13 280 T, H11N3 WAKE ISLAND Hy25.13 281 T, H11N2 WAKE ISLAND Hy25.15 281 T, H11N1 WAKE ISLAND Hy25.15 281 T, MKAR Makanchi Array, SONM Songoiro Array.

TRN 17 02:10:01.8, 10.60N:62.40W, h65km, MD3.5, FUNV 17 02:10:01.6, 10.58N:62.43W, h28km, MW3.5, ISC 17 02:10:00.4, 1.3, 10.58N:0.05, 62.48W:0.04, h68km, 17km, n17, r150/27, 1D, Near coast of Venezuela

Table for Venezuela stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRUV Carupano, TRN Trinidad (W), GRGR Grenville, TOSP Speyside, GOMP Grenada, Carri, PRGV Puerto La Cruz, SYB Belmont, BIRV Bironog, MERV Las Mercedes, MPOM Morne Pois Mar, CACV CAICARA DEL OR, BENV Beln, BAUV El Baul, BAUV Sanarito, SOCV Socops.

WEL 17 02:17:38.4-1.1, 44.8Sx16.9E, h5km, M3.4/6, ML3.6/6, ML3.4/6, Error ellipse: s-maj=0.0km s-min=0.0km az=136.0, South Island

Table for South Island stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCZ Jackson Bay, MSZ Milford Sound, WKZ Wanaka, FOZ Fox Glacier, LBZ Lake Benmore, EAZ Earnslough, MLZ Mavora Lakes, GCSZ Gaunt Creek Bo, DCZ Deep Cove, ODZ Otahua Downs, TMZ Timarua, RPA Rata Peaks, ARZ Arundel, WUZ Waitaha Valley, TUV Tuapeka, SYZ Scrubby Hill, PYZ Puysegur Point, INZ Inchbonnie.

2015 DEC

Table with columns: APZ, LTZ, DSZ, TRZ, GHZ, QNZ, TCW, DUWZ, KHEZ, FWVZ, NGVZ, OTZ. Includes station names like The Paps, Lake Taylor, Denniston Nort, Tophouse, Quartz Range, Altona, Tory Channel, D'Urville Is, Kahui Hut, Far West T-bar, Ngauruhoe, Otutere.

IDC 17 02:34:57.4-5.4, 36.10N:70.50E, h174km, 54km, mb3.3/6, mb1 3.2/10, mb1mx2.8/62, mbtmp3.8/10, Error ellipse: s-maj=52.7km s-min=38.8km az=124.0, NNC 17 02:35:07.7-3.8, 37.01N:70.51E, h219km, 55km, mb2.9, mpv3.9, Error ellipse: s-maj=38.1km s-min=23.4km az=14.0

ISC 17 02:35:02.0-0.8, 36.54N:0.06:70.5E:0.1, h204km, n25, r149/30, mb3.5/6, 6C-1D, Hindu Kush region

Main table for New Zealand stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEP Cherat, THW Thamee Wali, AML Alamyashu, UCH Uchter, KK08 Kararay Array, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, USP Oskpenovka, TKM2 Tokmak 2, TKM2 Tokmak 2, MKAR Makanchi Array, AB31 Akbulak array, BVAR Boroyevoy Array, AKTO Aktyubinsk, AKTO Aktyubinsk, ZALV Zalesovoy Beam, ARU Aru, FINES FINESS Array B, ARCRES ARCRESS Array B, HFS Hofsors, NB2 NORAR Subarra, TORD Torodi Arr.

JMA 17 02:43:58.1, 1.36:20N:140.97E, h44km, 1km, M3.5, Broadband fault plane solution: P waves. NP1: phi=208.00000, delta=12.00000, lambda=134.00000, NP2: phi=344.00000, delta=81.00000, lambda=82.00000. Principal axes: T P1g53.0000, Azm244.0000, N P1g8.0000, Azm345.0000, P P1g36.0000, Azm81.0000; JMA Felt J1.

NIED 17 02:43:58.1, 36.20N:140.97E, h44km, MW3.6, Moment Tensor Solution. s3=0.57, M=0.71, M=0.86; Mw=18; Fault plane solution: M2.2, 5000x10^4 Np1; phi=44.0000, delta=89.0000, lambda=36.0000; NP2: phi=252.0000, delta=82.0000, lambda=178.0000

IDC 17 02:44:07.8-2.5, 35.75N:139.88E, h88km, 27km, mb3.2/3, mb1 3.5/4, mb1mx2.8/44, mbtmp3.6/4, MS2.7/1, Ms1 1mx2.1/25, Error ellipse: s-maj=49.5km s-min=21.5km az=91.0

ISC 17 02:43:58.1, 8.36:21N:0.04:140.98E:0.07, h38km, 2km, n22, r087/21, mb3.7/3, 7D, Near east coast of eastern Honshu

Main table for Honshu stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHYU Hitachinakayama, JHYU Hitachinakayama, JHO Hitachinorouch, CHOU Choshi, JHO Hitachi, JHO Hitachi, JYT Yasato, JYT Yasato, JSMT Sammumatsuo, JFK Kawasuchi, JAG Atsuhika, JFT Osaka, JFT Osaka, JMAT Matushiro Arr, MAT Matushiro, JHJ Hachijo jima 2, JHJ Chichijima, H11N2 WAKE ISLAND Hy 28.04 119 T, H11N1 WAKE ISLAND Hy 28.04 119 T, H11N3 WAKE ISLAND Hy 28.05 119 T, H11S1 WAKE ISLAND Hy 28.71 121 T, H11S3 WAKE ISLAND Hy 28.71 121 T, H11S2 WAKE ISLAND Hy 28.73 121 T, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs.

MAN 17 02:45:39.9, 18.31N:120.89E, h16km, mb4.3, ML3.1, MS2.9, Luzon

IDC 17 02:58:19.0-2.0, 6.51S:128.69E, h0km, mb3.6/1, mb1 3.4/3, mb1mx3.3/33, mbtmp3.2/3, ML3.0/2, Error ellipse: s-maj=115.6km s-min=32.0km az=67.0, Banda Sea

Table for Banda Sea stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station WRA Warramunga Arr.

828

Table with columns: WRA, ASAR, MKAR. Includes station names like Alice Springs, Makanchi Array.

KMA 17 02:59:18.3-0.7, 34.85N:128.74E, h29km, 3km, Error ellipse: s-maj=10.5km s-min=4.3km az=148.0, South Korea

Table for South Korea stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUJA Jangpyeong, KJBA Busan_acc, YKDB Yonjo, YKDB Yonjo, KKSUS Busan, EURB Uryeong-eup, MIYA Miryang-si, KSUS Ulsan, KOSAG Daegu, BOSB Boseong-gun, BOSB Boseong-gun, KSKWJ Gwangju, KSKWJ Gwangju, KSKWJ Gwangju, KSKWJ Gwangju, KSJEO Jeonju, KSJEU Jeongeup, KSBON Beoun.

JMA 17 03:03:13.1, 23.21N:121.61E, h39km, 2km, M3.4, TAP 17 03:03:14.5, 23.22N:121.55E, h38km, ML3.7, C, ISC 17 03:03:14.3, 1.0, 23.22N:0.02:121.61E:0.02, h33km, 2km, n122, r081/186, 8C-14D, Taiwan

Main table for Taiwan stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECBN Changbin, ECBN Changbin, CHKT Chengkung, CHKT Chengkung, CHKT Changbin, FULB Fuli, FULB Fuli, YULB Yuli, YULB Yuli, EDH Donghe, EDH Donghe, ECS Chishang, ECS Chishang, EHY Hungye, EHY Hungye, EGFH Guangfu, EGFH Guangfu, TEGC Jichi Village, TEGC Jichi Village, LONT Longtian, LONT Longtian, ELDTW Lidau, ELDTW Lidau, LDUT Ludao, LDUT Ludao, ESL Shilin, ESL Shilin, TTN Taitung, TTN Taitung, TWGBT Beitou, TWGBT Beitou, TEYL Yanliu Villag, TEYL Yanliu Villag, YUS Yu-Shan, YUS Yu-Shan, YUS Yu-Shan, VWDT VWDT, VWDT VWDT, ETM Tngmen, ETM Tngmen, HWA Hwaiien, HWA Hwaiien, STYH Taoyuan, STYH Taoyuan, STYH Taoyuan, ALS Allshan, ALS Allshan, SSSLB Suanglung, SSSLB Suanglung, OWD Renai, OWD Renai, WHYT Xin Township, WHYT Xin Township, TWD Chiawan, TWD Chiawan, TWD Chiawan, ECL Tainai, ECL Tainai, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, SMLT Sun Moon Lake, SMLT Sun Moon Lake.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SMLT, CHGB, CHNS, ETL, NACB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NSK, TWE, NMLH, NSTT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WBO, WRA, WRA, WRA, etc.

IDC 17 03:09:49.7.3.7.19.27S-177.71W, h595km, 35km, mb3.0/4, mb1.3/2.5, mb1mx2.5/39, mbtmp3.9/5, Error ellipse: s-maj=123.6km s-min=27.2km az=154.0, F107

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MSFV, STKA, WRA, etc.

NEIC 17 03:13:24.7.1.1.8.0S.0.1.158.7E.0.2, h40km, 7km, mb4.3/9, Error ellipse: s-maj=25.5km s-min=13.0km az=58.0

IDC 17 03:13:29.0.0.7.8.32S-158.86E, h87km, 7km, mb3.7/7, mb1.3/9.7, mb1mx3.5/4.1, mbtmp4.0/7, MS.0/2, Ms1.3.0/2, ms1mx2.5/29, Error ellipse: s-maj=18.8km s-min=8.4km az=44.0

ISC 17 03:13:26.0.0.7.8.09S.0.09.158.8E.0.1, h55km, n28km, 137/26, mb4.0/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HNR, HNR, HNR, etc.

NNC 17 03:21:17.5.5.1.38.17N-73.25E, h0km, mb3.5, mpv3.2, 5C-2D, Error ellipse: s-maj=40.8km s-min=30.8km az=166.0, Tajikistan-Xinjiang border region

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

plane solution: NP1:16:349.55820°, 848.41441°, 1.11.69468°; NP2:138.61997°, 845.97403°, 1.67.38488°; Principal axes: T Plg73.8964°, Azm30.0117°; Plg16.0510°, Azm154.7662°; P Plg1.2660°, Azm64.4019°; Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like Fray Jorge, El Pedregal, Tololo Observa, San Esteban, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like Vinchina, Tunca, Sierra Bellavi, Chepes, PUNTA DE LOS L, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like Waikabubak, Su, Plampang, Taliwang, Sumb, etc.

17d 6h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like WMQ Urumqi, KSH Kashi, MK31 Makanchi Array, etc.

IDC 17 05:12:52.91.0.37.81N:72.70E, h0km, mb3.79, mb1.3/8.15, mb1mx3.7/45, mbtmp3.7/15, ML3.0/6, MS2.7/1, Ms1.2/7.1, ms1mx2.1/45, Error ellipse: s-maj=20.8km s-min=18.1km az=98.0

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like AAK Ala-Archa, KAK Karatay Array, MKAR Makanchi Array, etc.

NOU 17 05:27:21.3, 13.77S, 167.09E, h173km, MLV4.7/8, Vanuatu Islands, Vanuatu Islands

MAN 17 05:33:32.8, 5.15N, 126.92E, h39km, mb4.5, ML3.4, MS3.2, IDC 17 05:33:40.5, 7.8, 6.17N, 127.33E, h284km, 76km, mb3.5/11, mb1.3/5.11, mb1mx3.2/51, mbtmp4.1/11, Error ellipse: s-maj=100.9km s-min=14.9km az=69.0

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KCP Kidapawan, DMPH Davao City-Mi, FITZ Fitzroy Crossi, etc.

DJA 17 05:38:47.8, 0.5, 8.5, S, 4.12, 9E, h164km, 13km, M4.2/7, mb4.4/5, mb4.8/5, MLV4.3/7, Mw(mB)4.0/5, IDC 17 05:38:51.2, 6.8, 7.85S, 129.05E, h179km, 72km, mb3.1/2, mb1.3/6, mb1mx3.3/32, mbtmp4.0/6, MS2.6/1, Ms1.2/6.1, ms1mx2.3/6, Error ellipse: s-maj=67.4km s-min=21.1km az=42.0

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like SAUI Saumlaki, MSAI Masohi, DRS Darwin Rock St, etc.

2015 DEC

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like EDFI Ende, Flores, KNRA Kununurra, FITZ Fitzroy Crossi, etc.

TUL 17 05:56:11.4, 1.5, 35.99N, 0.01, 97.23W, 0.01, h6km, 6km, ML3.1, mb, Lg2.7/41(NEIC), Error ellipse: s-maj=1.9km s-min=1.5km az=148.0

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like OK029 Liberty Lake, OK031 S. Brethren Rd, OK030 Cody Creek RV, etc.

KAN05 Bluff City Nor, KAN01 Argonut South, KAN10 Anthony SW Sta, KAN06 Argonia West S, KAN08 Anthony NE Sta, KAN16 Harper SW Sta, KAN12 Harper NE Sta, US2A Winter Ranch, US2A Winter Ranch, baz=104

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like U32A, X34A Smith Ranch, M, LOOK Love County, LOOK Clayton, X37A X37A, etc.

832

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like JCT Junction City, ISCO Idaho Springs, etc.

IDC 17 06:00:29.8, 0.8, 40.30N, 116.00W, h0km, mb1.3/7.4, mb1mx3.1/44, mbtmp3.2/4, ML3.4/4, Error ellipse: s-maj=24.7km s-min=4.0km az=138.0

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like ELK Elko, ELK Battle Mountai, ELK Elko, etc.

M51 3.1/3,ms1mx2.5/39,Error ellipse:s-maj=28.1km s-min=14.8km az=159.0 ISC 17 06:43:51.6,0.8,34.94N,009.26799E,0.04,h23km,n56, c137/56,mb3.9/12,Crete

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ZKR Zakros, ARG Arkhangelos, SIVA Sivas, etc.

SJA 17 06:55:49.9,0.7,30.29S,72.23W,h0km,ML4.3,MW3.9 VAO 17 06:55:52.7,1.1,30.60S,71.83W,h10km,mb4.2 IDC 17 06:55:53.4,1.1,30.31S,71.59W,h0km,mb4.1/5, mb1.4/1.0,mb1mx0.4/0.2,mbmp4.0/1.0,ML3.5/MS3.3/4, M51.3/3.4,ms1mx3.0/2.4,Error ellipse:s-maj=32.4km s-min=22.3km az=102.0 GUC 17 06:55:56.9,0.7,30.43S,71.60W,h30km,2km,ML4.6 NEIC 17 06:55:57.1,1.5,30.37S,0.05:71.70W,0.07,h26km,5km, Error ellipse:s-maj=9.2km s-min=6.7km az=90.0 NEIC 17 06:55:57.1,30.37S,71.69W,h31km,Moment Tensor Solution, Moment tensor: Scale 10^15Nm; Mrr:49; Mss:0.17; Mss-0.66; Mss-0.36; Mss-0.03; Mss-0.92; Fault plane solution: M1:16000-1015; M2:1522-47000; S1:378000; S1:31.50000; NP2:159.41000; S7:650000; 1.7730000; Principal axes: T 1.1104, P1g57.0000; Azm53.0000; N 0.0956, P1g12.0000; Azm163.0000; P -1.2060, P1g30.0000; Azm260.0000; ISC 17 06:55:56.0,0.5,30.37S,0.02:71.84W,0.04,h21km,2km,n149,c118/190,mb4.5/11,2C-3D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like CO06 Fray Jorge, CO06 Fray Jorge, CO06 La Serena, etc.

Table with columns: VA06, VA06, VA06, 2.24 168, eP, Pn, Sb. Lists stations like Catapilco, Llanos de Chal, AC04, etc.

Table with columns: AC02, AC02, AC02, 4.25 35, Pn, Pn, Pn. Lists stations like Maricunga, Maricunga, AC02, etc.

Table with columns: CPUP, Villa Florida, 13.40 76, Pn, Pn, 06 59 03.7 -0.8. Lists stations like Villa Florida, La Paz, LPBZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MSVF Nonavau, MSVF Nonavau, MARNC Mare, etc.

17d 9h

Table of astronomical observations for 17d 9h, listing station names, codes, and various parameters like Azimuth, Altitude, and Signal-to-Noise Ratio.

Table of astronomical observations for MEX 17 07:59:13.8-0.9, 20:85N-103:52W, listing station names, codes, and various parameters.

2015 DEC

Main table of astronomical observations for 2015 DEC, listing station names, codes, and various parameters.

Table of astronomical observations for IDC 17 08:23:14.4-37.2, listing station names, codes, and various parameters.

836

Table of astronomical observations for 836, listing station names, codes, and various parameters.

Table of astronomical observations for IDC 17 09:01:12.4-1.9, listing station names, codes, and various parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and various parameters. Includes stations like CPBS Cacapava Do Su, LPAZ La Paz, and TER01 Tubaro-SC.

MOS 17 12:44:00.4-0.9, 17.78N:120.60E, h64km, mb5.7/71, MS4.4/2, Error ellipse: s-maj=6.3km s-min=-3.7km az=117.4

MAN 17 12:44:01.8, 17.78N:120.51E, h60km, mb5.8, ML4.8, MS5.2

IDC 17 12:44:02.3-1.3, 17.59N:120.71E, h75km, 10km, mb4.9/60, Mb1.5/0.62, mb1mx4.1/5.4, mbtmp5.3/6.2, MS4.2/38, ms1.4/2.38, ms1mx4.1/5.4, Error ellipse: s-maj=8.9km s-min=7.0km az=67.0

BUI 17 12:44:02.6-0.0, 17.86N:120.59E, h68km, mb5.1/59, mb5.0/78, MS4.8/33, MS7.4/57

GCMT 17 12:44:03.1-1.1, 17.72N:120.56E, 0.01, h80km, 1km, MW5.3/130, Moment Tensor Solution: 112.1c173; s130.c251; Duration: 1s1 Moment tensor: Scale 10^17 Nm; Mn: 0.09±.02; Mw: 0.23±.02; Mo: 0.13±.02; Mo-: 0.10±.01; Ms: 0.33±.02; Mr: 1.20±.01; Best double couple: Mo1.25700±.017 NP1.2±.025.00000°, 81.00000°, λ-177.00000°. NP2.172.00000°, 88.00000°, λ-73.00000°. Principal axes: T 1.1840, Plg42.0000°, Azm246.0000°; N 0.1460, Plg17.0000°, Azm352.0000°; P -1.3300, Plg43.0000°, Azm98.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 17 12:44:03.1-2.4, 17.78N:120.56E, 0.08, h70km, 4km, mb5.4/256, Mw5.3 Error ellipse: s-maj=10.7km s-min=8.4km az=88.0

KLM 17 12:44:07.17, 62N:120.74E, h118km, mb5.5

NEIC 17 12:44:07.17, 78N:120.59E, h70km, Moment Tensor Solution. Duration: 8s0 Moment tensor: Scale 10^17 Nm; Mn: 0.11; Mw: 0.08; Mo: 0.03; Mr: 0.17; Ms: 0.20; Mo-: 1.30; Fault plane solution: Mo1.33000±.017 NP1. 0±.276.00000°, 89.00000°, λ-165.00000°. NP2. 0±.172.00000°, 88.00000°, λ-81.00000°. Principal axes: T 1.3196, Plg42.0000°, Azm254.0000°; N 0.0215, Plg8.0000°, Azm352.0000°; P -1.3411, Plg47.0000°, Azm91.0000°

BGR 17 12:44:07.1±.0, 18.41N:120.06E, h67km, 1km, mb5.1

ISC 17 12:44:03.0-3.3, 17.69N:120.57E, 0.03, h81km, 1km, h80km; p-P, n1089, e150/1132, mb5.3/320, 51C-26D, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and various parameters. Includes stations like SIPP Brgy, Tapao, TGY Tagaytay City, and KLM Luzon.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and various parameters. Includes stations like HKPS Hong Kong Po S, MCO Taipa Grande, and QIONGZHONG Qiongzong.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and various parameters. Includes stations like KSSAJ Sangju, KUSEU ULSEONG, and KSMGV Mungyeong.

Table with columns: INU, Inuyama, 22.88 37, Iamb, Iamb, 12 49 01.3, etc. Includes stations like KULM, KULM, KULM, HJH, HJH2, HJH2, IPH, IPH, IPH, FAKI, FAKI, FAKI, etc.

Table with columns: DBJI, Dramaga, 27.68 211, P, P, 12 49 45.5 +1.5, etc. Includes stations like SHL, Shillong, 27.75 291, P, *PP, etc.

Table with columns: ZAK, Zakamensk, 35.44 341, eP, P, 12 50 52.7 +0.9, etc. Includes stations like FITZ, Piuthan, 36.01 294, eP, P, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like ISR Istrita, A36M Sachs Harbour, BURAR Bucovina Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Florina, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like RJOB Jochberg, RJOB Castro, CADS Grafenberg Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CCM Cathedral Cave, U30A Yellville, M54A Oil Creek Stat, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HEL 17 13:05:22.5-0.7, 60.313N-25.24E, h0km, ML1.1, Explosion, Finland.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMA 17 13:00:20.3-0.1, 37.399N-129.03E, h1km, Error ellipse: s-maj=1.7km s-min=0.6km az=236.0, South Korea.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSTBA Taebaek, KSVOW Yeongwol, KSWJU Wonju, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM 1.0nm,0.3s,baz=115,slow=21,SNR=15.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NED 17 13:24:33.0, 37.71N:142.31E, h32km, MW3.9, Moment Tensor Solution.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISC 17 13:24:33.0, 37.71N:142.31E, h32km, MW3.9, Moment Tensor Solution.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JKH Ishinomakikobu, JIO Ouri, JMT Minamisomatoc, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H1N2 WAKE ISLAND Hy 27.98 123 T, H1N1 WAKE ISLAND Hy 27.99 123 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSAI Masohi, AAI Ambon, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NOU 17 13:42:32.9, 31.101S:177.200W, h45km, mb5.0/52, Kermadec Islands Region.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RIZ Raoul Island, MXZ Matakaoa Point, WMGZ Waionmatatini S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ 1.9nm,0.3s,baz=123,slow=23,SNR=16.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ 1.9nm,0.3s,baz=123,slow=23,SNR=16.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ 1.9nm,0.3s,baz=123,slow=23,SNR=16.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ 1.9nm,0.3s,baz=123,slow=23,SNR=16.

17d 14h

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

2015 DEC

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

846

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

Table with columns: Code, Station Name, Az, Alt, P, S, Res, Time, Res, ISC. Includes stations like Las Campanas, Catapilco, Rodeo, Torpederas, San Esteban, Cerro Coronei, Leonicito, Curacav, Peldehue, Usपालता, Rencá, Talagante, Copiapó, Salagasta, Las Melosas, Agreto, Vinchina, Huala, Maricunga, CERRRO LA CRUZ, Chepes, PUNTA DE LOS L, Panimavida, San Rafael, San Martín, Juan Fernández, Villa Florida, La Paz, San Ignacio, Extrema.

Table with columns: Code, Station Name, Az, Alt, P, S, Res, Time, Res, ISC. Includes stations like Brasilia, Boa Vista, Snaes, Lajitas Array, Torodi Ar, Bea, WAKE ISLAND, Zalesovo Beam, Snaes, Liberty Lake, Carrier, Blackwell, Oakdale Elemen, Brethren Rd, Westminster Rd, Grant County #, Jones High Sch, Cody Creek RV, Quoy, Norfolk Rfd, Salt Plains WL, Oklahoma City, Oklahoma City, South Haven SW, OKLAHOMA CITY, Manchester OK, Caldwell West, Caldwell North, Bluff City North, Argonia South, Franklin, Anthony SW Sta, Argonia West S, Anthony NE Sta, Harper SW Stat, Sooner Cattle, Sooner Cattle, Harper NE Stat, Winter Ranch, Winter Ranch, Tecumseh, Leonard, Leonard, Smith Ranch, M, Love County, Long Quarter, Clayton, Clayton, Gravette, Perchaven, San, Hobbs, Kansas State U, Kansas State U, Cedar Bluff, Magazine, Magazine, Amarillo, Mt. Pleasant, Mount Ida, Mount Ida, Bolivar, Bolivar, Yellville, Basin Creek Fa, Abilene, Hawle, Lake Whitney, Basin Creek Fa, Mountain Grove, Woolly Hollow, Wicketa Mountain.

Table with columns: Code, Station Name, Az, Alt, P, S, Res, Time, Res, ISC. Includes stations like Ozark Folk Cen, White Oak Lake, Washetta, Mont, Gary Hevity, J Bar K, Exete, Dawn, Maddies Statio, Maddies Statio, Muleshoe, Tabor, Kaye Shedlock, Lake Charles, Belgrade, Van Buren, Cathedral Cave, Jarrell, Paris, Trinidad, Joes South For, Poplar Bluff, Svendsen Farm, Ogallala, French Village, Junction City, Soes Landing, Great Sand Dunes, Halley, Carbondale, Southern Illin, Hickory Valley, Harden Midland, Yeager Farm, Skanes Pavee, Idaho Springs, EROS Data Cent, Anamosa, Pickwick Lake, Cornudas Mount, Mansfield, Lemond, Waseca, Lajitas Array, Lajitas Array, Casper, 5 Mile Ranch, Marine on St.

TUL 17 15:56:06.3, 1.2, 36.21N, 0.01, 97.55W, 0.02, h6km, 6km, ML3.4, mb_Lg3/3/86(NEIC), Error ellipse: s-maj=2.5km s-min=1.6km az=65.0

ANF 17 15:56:06.2, 0.3, 36.22N, 97.57W, h6km, ML3.8/12, Error ellipse: s-maj=3.1km s-min=2.9km az=143.0

NEIC 17 15:56:06.4, 1.3, 36.22N, 0.01, 97.54W, 0.02, h7km, 6km, Error ellipse: s-maj=2.6km s-min=1.6km az=66.0

ISC 17 15:56:06.2, 1.0, 36.21N, 0.02, 97.56W, 0.02, h11km, 9km, n109, o097/124, Oklahoma

Table with columns: Code, Station Name, Az, Alt, P, S, Res, Time, Res, ISC. Includes stations like Grant County #, Salt Plains WL, Manchester OK, Caldwell West, Harper SW Stat, Sooner Cattle, Sooner Cattle, Harper NE Stat, Winter Ranch, Winter Ranch, Tecumseh, Leonard, Leonard, Smith Ranch, M, Love County, Long Quarter, Clayton, Clayton, Gravette, Perchaven, San, Hobbs, Kansas State U, Kansas State U, Cedar Bluff, Magazine, Magazine, Amarillo, Mt. Pleasant, Mount Ida, Mount Ida, Bolivar, Bolivar, Yellville, Basin Creek Fa, Abilene, Hawle, Lake Whitney, Basin Creek Fa, Mountain Grove, Woolly Hollow, Wicketa Mountain.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Residual, Residual Error. Includes stations like Smith Ranch, Cedar Bluff, Kansas State U, etc.

NIC 17 16:08:43.3-0.0, 36.14N:30.60E, h4km, 2km, M13.6/5
ISK 17 16:08:43.6, 36.15N:30.54E, h23km, ML3.6/20
DDA 17 16:08:44.2, 36.15N:30.49E, h34km, MW3.8

IDC 17 16:08:44.8, 1.6, 36.14N:30.56E, h58km, 16km, mb3.5/8,
mb1 3.6/16, mb1mx3.4/59, mbtmp3.7/16, MS2.3/3,
Ms1 3.2/3, ms1mx2.5/31, Error ellipse: s-maj=15.0km
s-min=12.4km az=87.0

ISC 17 16:08:44.3-0.8, 36.16N:03.30E, h2km, 9km,
n100, c2618/129, mb3.8/3, 8C-3D, Turkey

Main table of station data for the left column, including stations like Antalya-Kumluc, Kemer-Antalya, Demre-Antalya, etc.

Main table of station data for the middle column, including stations like Isparta, Yalva, Konya-Merame, etc.

NNC 17 16:25:37.7-8.6, 37.60N:73.88E, h0km, mb4.4, mpv4.0,
Error ellipse: s-maj=70.0km s-min=46.3km az=142.0

IDC 17 16:25:48.0-1.0, 38.05N:74.64E, h0km, mb3.0/1,
mb1 3.9/18, mb1mx3.7/53, mbtmp3.7/18, ML3.2/7, MS3.0/1,
Ms1 3.0/1, ms1mx2.3/43, Error ellipse: s-maj=19.2km
s-min=15.9km az=156.0

ISC 17 16:25:59.2-0.7, 38.03N:00.73E, h0km, n33,
c336/22, mb3.5/11, 3C-4D, Tajikistan-Xinjiang border
region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Residual, Residual Error. Includes stations like Cherat, Ala-Archa, etc.

Main table of station data for the right column, including stations like Thame Wall, Karatay Array, etc.

IDC 17 16:42:51.5, 1.2, 8.29N:92.07E, h0km, mb3.8/7, mb1 3.9/9,
mb1mx3.5/60, mbtmp3.8/9, ML3.7/2, MS2.8/2, Ms1 2.8/2,
ms1mx2.4/31, Error ellipse: s-maj=37.6km s-min=18.8km
az=59.0

NEIC 17 16:42:57.0-0.9, 8.3N:0.1, 92.1E:0.1, h31km, 6km,
mb4.2/14, Error ellipse: s-maj=16.6km s-min=15.0km
az=119.0

ISC 17 16:42:55.4-0.9, 8.3N:0.1, 92.07E:0.1, h24km, n35,
c0559/29, mb4.0/14, Nicobar Islands region

Main table of station data for the right column, including stations like Port Blair, Diglipur, etc.

17d 18h

Table with columns: STKA, Stephens Creek, 34.42 249 P P, 17 04 56.0 +0.4

TUL 17 17:11:29.1a1.3, 36.50N, 0.02:98.72W, 0.04, h5km, 7km, ML2.9, mb, Lg2.6/18(NEIC), Error ellipse: s-maj=4.8km

NEIC 17 17:11:28.6-1.1, 36.49N, 0.03:98.72W, 0.03, h5km, 2km, Error ellipse: s-maj=4.5km s-min=4.2km az=105.0,

Oklahoma

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

IDC 17 17:45:10.8, 1.2, 4.14S, 129.37E, h0km, mb3.8/2, mb1 3.8/7, mb1mx3.7/4.1, mb1mx3.7/7, ML3.2/5, MS3.1/2, Ms1 3.2/2, ms1mx2.5/4.1, Error ellipse: s-maj=37.9km

DJA 17 17:45:13.2, 0.9, 4.4S, 129.9E, h11km, 7km, M3.8/9, mb4.8/1, mB5.4/1, MLV3.4/9, Mw(mB)4.8/1

ISC 17 17:45:15.3, 0.8, 4.10S, 0.06:129.42E, 0.06, h36km, n15, r19/19, Banda Sea

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

UPP 17 18:00:16.6, 0.1, 6.70E, 20:93E, h0km, ML2.0, Explosion HEL 17 18:00:17.3, 0.1, 6.70E, 20:93E, h0km, ML2.1, ML2.0(UPP), Explosion

IDC 17 18:00:17.5, 0.1, 6.70E, 21:06E, h0km, mb1 3.0/4, mb1mx2.8/48, mb1mx2.9/4, ML1.9/4, Error ellipse: s-maj=17.7km s-min=8.6km az=115.0

ISC 17 18:00:16.2, 0.8, 6.70E, 0.02:20.90E, 0.03, h0km, n42, r105/53, Sweden

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

2015 DEC

Table with columns: SALU, Salloluokta, 0.99 291 eP Pg, 18 00 35.3 +0.2

TOF comp=Z, 26nm, 0.2s

ARNF Rovaniemi 2.07 100 ePB Pn, 18 00 53.3 +1.1

ARCS ARCESS Array B 3.02 32 eP Pn, 18 01 05.8 +0.5

ARCS ARCESS Array B 3.02 32 Pn, 18 01 06.0 +0.7

ARCS Merijarvi 3.13 148 eP Pn, 18 01 43.9 +2.2

VRF Vario 3.44 74 eP Pn, 18 01 12.7 +1.8

MSF Maseelka 3.46 106 eP Pn, 18 01 12.9 +0.7

KEV Kevo 3.53 37 eP Pn, 18 01 16.9 +1.8

KU6 Riekkii 3.74 102 eP Pn, 18 01 17.4 +1.6

HUSU Husum 3.79 192 eP Pn, 18 01 48.6 +1.6

FINES FINES Array B 6.07 156 Pn Sn, 18 02 56.6 -0.4

FINES comp=Z, 0.1nm, 0.3s, baz=336, slow=17, SNR=1.1

NOA NORSAR Array B 7.37 220 Pn Pn, 18 02 05.3 +0.3

NOA comp=Z, 0.0nm, 0.3s, baz=9.4, slow=13, SNR=5.3

HFS Hagfors 7.65 208 Pn Pn, 18 02 09.0 +0.3

HFS comp=Z, 0.1nm, 0.3s, baz=27, slow=12, SNR=8.1

PRE 17 18:11:40.0, 1.1, 28.22S, 26.74E, h2km, ML2.9

EAF 17 18:11:45.5, 1.5, 28.21S, 26.69E, h10km, MD4.2

ISC 17 18:11:41.7, 1.6, 28.23S, 0.05:26.78E, 0.04, h12km, 12km, n21, r202/36, South Africa

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

POGA Pongola 4.45 80 eP Pn, 18 12 49.2 +0.2

POGA comp=Z, 31nm, 1.1s

SOE Somerset East 4.59 193 eP Pn, 18 12 51.9 +0.9

SOE comp=Z, 47nm, 5.0s

UPI Uppington 4.87 267 eP Pn, 18 12 55.5 +0.5

UPI comp=Z, 10nm, 1.4s

MOPA Mopani 6.27 43 eP Pn, 18 13 10.5 +0.9

MOPA comp=Z, 15nm, 0.7s

MOPA Mopani 6.27 43 iS Pn, 18 13 17.0 +3.0

MOPA comp=Z, 294nm, 0.5s

MOPA Messina 6.55 27 iS Pn, 18 13 23.1 +5.1

MSNA Messina 6.55 27 iS Pn, 18 14 31.5 -1.3

MSNA Messina 6.55 27 iS Pn, 18 14 31.5 -1.3

MATP Matopo 7.93 12 iP Pn, 18 13 39.9 +3.0

MATP Matopo 7.93 12 iP Pn, 18 13 39.9 +3.0

BLWY Bulawayo 8.23 12 iP Pn, 18 13 43.9 +2.8

BLWY Bulawayo 8.23 12 iS Pn, 18 15 09.5 -4.6

BLWY Bulawayo 8.23 12 iS Pn, 18 15 09.5 -4.6

IDC 17 18:11:54.6, 3.4, 7.00S, 155.37E, h68km, 35km, mb3.4/6, mb1 3.8/7, mb1mx3.2/40, mb1mx3.8/8, ML1.8/1, Error ellipse: s-maj=39.9km s-min=20.4km az=164.0

ISC 17 18:11:53.2, 0.9, 6.95E, 0.2:155.40E, 0.09, h50km, n11, r137/9, mb3.5/6, Bougainville-Solomon Islands region

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

HNR Honiara 8.15 120 P Op ISC, 18 13 09.0 +0.8

PMG Port Moresby 8.54 252 S Pn, 18 13 54.7 +0.4

PMG 0.6nm, 0.3s, baz=61, slow=23, SNR=2.0

WRA Warramunga Arr 24.23 235 P P, 18 17 03.9 -1.6

WRA comp=Z, 0.7s, baz=54, slow=9.3, SNR=7.2

ASR Alice Springs 26.57 229 P P, 18 17 24.4 -2.4

ASR 0.2nm, 0.4s, baz=57, slow=9.9, SNR=6.8

H1S3 WAKE ISLAND Hy 27.54 24 T, 18 46 04.2

H1S2 WAKE ISLAND Hy 27.54 24 T, 18 45 58.5

H1S1 WAKE ISLAND Hy 27.54 24 T, 18 45 58.5

CMAR Chiang Mai Arr 61.08 295 P P, 18 22 02.8 +0.2

CMAR 0.9nm, 0.7s, baz=115, slow=4.6, SNR=7.2

ILAR Eielson Array 83.10 21 P P, 18 24 12.6 -0.7

ILAR 0.2nm, 0.4s, baz=258, slow=4.5, SNR=1.9

MKAR Makanchi Array 83.56 319 P P, 18 24 16.6 +0.5

MKAR 0.9nm, 0.5s, baz=116, slow=3.4, SNR=1.7

INK Inuvik 89.44 21 P P, 18 24 44.2 -0.1

INK 0.9nm, 0.5s, baz=288, slow=4.3, SNR=4.4

NIED 17 18:11:58.5, 42.85N, 146.56E, h44km, MW4.4, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mn3.91; Mm-1.48; Mm-2.44; Mm-0.95; Mm-1.70; Mm-1.09;

850

Fault plane solution: M=4.08000x10^15 Np1.38.00000; 355.00000; 1.91.00000. NP2.26.00000; 335.00000; 1.88.00000. JMA 17 18:11:58.4, 0.2, 42.85N, 146.56E, h44km, 3km, M4.5 JMA Felt II J1. BUJ 17 18:11:58.9, 0.0, 42.92N, 146.39E, h38km, mB5.0/27, mb4.5/47, Ms4.1/12, Ms7.4/0/14 SKHL 17 18:11:59.4, 0.2, 42.80N, 146.60E, h53km, 6km, mb5.5/3, msh5.1/2 MOS 17 18:12:00.5, 0.8, 42.97N, 146.34E, h52km, mb5.0/17, Error ellipse: s-maj=5.0km s-min=5.8km az=115.2, NEIC 17 18:12:00.4, 1.6, 42.98N, 0.08:149.4E, 0.1, h33km, 5km, mb4.8/36, Error ellipse: s-maj=13.7km s-min=10.2km az=123.0 IDC 17 18:12:03.4, 2.3, 42.94N, 146.33E, h58km, 19km, mb4.0/19, mb1 4.1/25, mb1mx3.9/50, mb1mx4.2/25, ML3.5/5, MS3.5/18, Ms1 3.6/18, ms1mx3.3/40, Error ellipse: s-maj=18.1km s-min=13.3km az=155.0 ISC 17 18:12:01.1, 0.9, 42.92N, 0.05:146.40E, 0.04, h41km, 7km, n199, r114/209, mb4.6/66, MS3.8/18, 15C, 6D, southeast coast of Hokkaido

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

NEM2 Nemuro 2. 0.66 313 iS Pn, 18 12 13.2 -0.8

NEM2 comp=Z, 897nm, 0.4s, pmax, pmax

NEM2 Nemuro-Hokkai 0.67 313 iS Pn, 18 12 13.3 -0.8

NMR Nemuro-Hokkai 0.63 313 iS Pn, 18 12 23.9 +0.4

NMR Nemuro-Hokkai 0.63 313 iS Pn, 18 12 23.9 +0.4

JKHN Kushirohakanak 0.93 281 iS Pn, 18 12 17.0 -0.6

JKHN comp=N, 398nm, 0.4s, pmax, pmax

SHO Shikotan 1.00 18 iS Pn, 18 12 30.9 +1.2

SHO comp=N, 14um, 0.5s, A, A, 18 12 33.0

SHO comp=N, 14um, 0.5s, A, A, 18 12 33.0

SHO comp=N, 8um, 0.5s, 1.04 322 iS Pn, 18 12 18.7 -0.5

SHO comp=N, 8um, 0.5s, 1.04 322 iS Pn, 18 12 18.7 -0.5

SHO comp=N, 570nm, 0.3s, pmax, pmax

SHO comp=Z, 2um, 0.3s, pmax, pmax

SHO comp=E, 520nm, 0.2s, smax, smax

SHO comp=N, 11um, 0.3s, smax, smax

SHO comp=E, 12um, 0.3s, smax, smax

SHO comp=E, 16um, 1.4s, smax, smax

SHO comp=N, 25um, 1.6s, 1.04 322 iS Pn, 18 12 18.7 -0.5

SHO comp=N, 25um, 1.6s, 1.04 322 iS Pn, 18 12 18.7 -0.5

SHO comp=N, 2um, 0.3s, iS, A, 18 12 33.3 +0.7

SHO comp=N, 11um, 0.3s, A, A, 18 12 34.0

SHO comp=N, 12um, 0.3s, A, A, 18 12 34.0

SHO comp=N, 25um, 2.0s, A, A, 18 12 34.0

SHO comp=N, 16um, 2.0s, 1.15 276 eS Pn, 18 12 20.1 -0.6

SHO comp=N, 16um, 2.0s, 1.15 276 eS Pn, 18 12 20.1 -0.6

YUK Yuzh-Kuril'sk 1.19 341 iS Pn, 18 12 20.2 -1.0

YUK Yuzh-Kuril'sk 1.19 341 iS Pn, 18 12 20.2 -1.0

YUK comp=N, 4um, 1.0s, AMB, AMB, 18 12 21.3

YUK comp=N, 4um, 1.0s, AMB, AMB, 18 12 21.3

YUK comp=N, 4um, 0.5s, iS, A, 18 12 36.2 +0.1

YUK comp=N, 12um, 0.6s, A, A, 18 12 39.0

YUK comp=N, 6um, 0.6s, 1.25 274 iS Pn, 18 12 21.5 -0.6

YUK comp=N, 6um, 0.6s, 1.25 274 iS Pn, 18 12 21.5 -0.6

JNSB Nemuroshibetsu 1.33 311 eS Pn, 18 12 23.7 -0.2

JNSB Nemuroshibetsu 1.33 311 eS Pn, 18 12 23.7 -0.2

JRA JRA 1.38 318 eS Pn, 18 12 42.5 +1.6

JRA JRA 1.38 318 eS Pn, 18 12 42.5 +1.6

JNK JNK 1.20 299 iS Pn, 18 12 23.7 -0.4

JNK JNK 1.20 299 iS Pn, 18 12 23.7 -0.4

Misakicho 1.46 325 iS Pn, 18 12 25.0 +0.1

Misakicho 1.46 325 iS Pn, 18 12 25.0 +0.1

ONB Onobetsu 1.89 271 iS Pn, 18 12 30.2 -0.6

ONB Onobetsu 1.89 271 iS Pn, 18 12 30.2 -0.6

Ashorobuto 1.96 282 iS Pn, 18 12 31.8 -0.1

Ashorobuto 1.96 282 iS Pn, 18 12 31.8 -0.1

Abashiri-Toko 2.10 301 iS Pn, 18 12 34.4 +0.7

Abashiri-Toko 2.10 301 iS Pn, 18 12 34.4 +0.7

Churui 2.26 263 eS Pn, 18 13 01.1 +2.5

Churui 2.26 263 eS Pn, 18 13 01.1 +2.5

Muruseppu 2.47 297 iS Pn, 18 12 39.6 +0.8

Muruseppu 2.47 297 iS Pn, 18 12 39.6 +0.8

Kuril'sk 2.55 24 eP Pn, 18 12 40.8 +1.0

Kuril'sk 2.55 24 eP Pn, 18 12 40.8 +1.0

comp=Z, 294nm, 0.5s, pmax, pmax

comp=N, 401nm, 0.5s, smax, smax

comp=E, 719nm, 0.5s, smax, smax

comp=N, 290nm, 0.5s, 2.55 24 eP Pn, 18 12 39.8 +0.8

comp=N, 290nm, 0.5s, 2.55 24 eP Pn, 18 12 39.8 +0.8

comp=E, 830nm, 0.5s, A, A, 18 13 09.0 -0.6

comp=E, 830nm, 0.5s, A, A, 18 13 14.0

comp=E, 870nm, 0.5s, A, A, 18 13 20.4

comp=E, 4um, 5.0s, A, A, 18 13 20.4

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 41.0 +0.9

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 41.0 +0.9

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 41.1 +1.0

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 41.1 +1.0

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.2 +0.9

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 47.9 +1.6

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.1 +1.8

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.1 +1.8

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.1 +1.8

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.1 +1.8

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.1 +1.8

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.1 +1.8

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.1 +1.8

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.1 +1.8

comp=N, 1um, 5.0s, 2.56 251 iS Pn, 18 12 48.1 +1.8

Table with columns for station name, frequency, mode, and coordinates. Includes stations like TYV Tymoivskoe, MJAR Matsushiro Arr, and various other stations in the 851 region.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like GTA comp=Z,71nm,6.2s, CD2 Chengdu, and various other stations in the 2015 DEC region.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like VBR Novokhopovsk, VSR Storozhevo, and various other stations in the 17d 18h region.

IDC 17 18:40:10.1=13.0,46:70N:154:85E,h13km,mb3.7/3, mb1.3/8/4,mb1mx3.4/32,mbtmp3.7/4,ML2.5/1, Error ellipse = s-maj=305.2km s-min=52.3km az=138.0,East of Kuril Islands

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like PETK Petropavlovsk-6, H1N2 WAKE ISLAND Hy 28.65 156 T, and others.

NOU 17 18:40:17.8, 15:89S:166:56E, h13km, MLV4.7/13, Vanuatu Islands, Vanuatu Islands

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, DVP Devils Point, and others.

Table with columns: RTV, Repatapo, LIFNC, KOUNC, YATNO, DZM, CEVE, OUENC, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC

IDC 17 19:11:10.2:14.0,29:53N:137:99E, h583km,232km, mb2.8/5,mb1.3,1/6,mb1mx2.6/33,mbtmp3.8/6, Error ellipse: s-maj=247.9km s-min=15.1km az=102.0

ISC 17 19:11:04.7:1.2,29:49N:138:02E:0.4,h500km,n6, o#83/6,mb3.2/5,Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC

IDC 17 19:48:09.7:3.3,9:55S:112:85E, h0km, mb3.5/6, mb1.3/7,7,mb1mx3.2/34,mbtmp3.6/7,ML3.6/1, Error ellipse: s-maj=173.0km s-min=11.0km az=49.0

ISC 17 19:48:14.9:3.1,9:65S:107:113.0E:0.8,h35km,n7, c#13/7, mb3.5/6, South of Java

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC

GCG 17 19:49:15.5:3.1,17:08N:96:00W, h0km,996km,MD5.8 UCR 17 19:49:28.4:1.7,15:67N:95:46W, h6km,24km, mb6.6(NEIC)

MOS 17 19:49:51.8:1.0,15:89N:93:32W, h86km, mb6.5/24, Error ellipse: s-maj=6.6km s-min=4.2km az=90.8

NEIC 17 19:49:53.0:2.8,15:80N:93:05W, h86km, mb6.5/4, mb6.4/833, Mw6.6/5.60, Mw6.6, Mdg.6(SNET), Mdg.4/81(MEX), Error ellipse: s-maj=8.5km s-min=6.4km az=38.0

IDC 17 19:49:53.2:0.3,15:94N:93:19W, h87km,2km, mb5.5/46, mb1.5/6/48, mb1mx5.5/51, mbtmp5.9/48, MS5.9/32, Ms1.5/9/32, ms1mx5.7/39, Error ellipse: s-maj=9.4km s-min=4.6km az=56.0

BUI 17 19:49:53.0:0.0,15:85N:93:35W, h100km, mb6.2/68 INET 17 19:49:53.5,15:48N:93:72W, h15km, ML6.2

NEIC 17 19:49:54.5,15:89N:93:45W, h88km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=1.45; Mw=0.17; Ms=1.28; Mns=0.05; Mns=0.09; Mns=4.31; Fault plane solution: Mw=9.20000*10^18, N1P1=311.17000*, 0.84,08000*, N2=311.00000*, N2P2=173.84000*, 0.8,03000*, 1-47.61000*. Principal axes: T: 7.6562, Plg9.0000*, Azm46.0000*, N: 0.1169, Plg5.0000*, Azm312.0000*, P: -6.8731, Plg51.0000*, Azm215.0000*;

MEX 17 19:49:54.3:1.2,15:76N:93:70W, h91km,9km, MD6.6 SNET 17 19:49:54.1:0.8,15:80N:93:50W, h117km, MW6.4(NEIC) GCMT 17 19:49:55.0:0.1,15:84N:93:60W, h73km, MW6.6/164, Moment Tensor Solution. s164,c434; s156,c667; Duration: 47; Moment tensor: Scale 10^18Nm; Mr=3.292+0.03; Mw=0.482+0.03; Ms=2.812+0.03; Mns=7.92+0.03; Mns=2.392+0.03; Mns=5.22+0.03; Best double couple: Mw=9.89000*10^18, N1P1=311.00000*, 0.8,15.00000*, 1-55.00000*, N2P2=313.00000*, 0.78,00000*, 1-99.00000*. Principal axes: T: 9.0290, Plg9.0000*, Azm50.0000*, N: -0.6730, Plg9.0000*, Azm315.0000*, P: -8.3570, Plg57.0000*, Azm212.0000*; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 17 19:49:55.0,15:79N:93:33W, h90km, Moment Tensor Solution. Duration: 82; Moment tensor: Scale 10^18Nm; Mr=2.76; Mw=0.16; Ms=2.59; Mns=0.05; Mns=1.49; Mns=5.66; Fault plane solution: Mw=8.84000*10^18, N1P1=311.17000*, 0.84,08000*, N2=311.00000*, N2P2=173.84000*, 0.8,03000*, 1-47.61000*. Principal axes: T: 7.6562, Plg9.0000*, Azm46.0000*, N: 0.1169, Plg5.0000*, Azm312.0000*, P: -6.8731, Plg51.0000*, Azm215.0000*;

BGR 17 19:49:59.1:0.0,15:71N:91:59W, h104km, mb6.3, mB_BB7.0

ISC 17 19:49:52.7:0.2,15:75N:0:02E:93:46W:0:03,h92km,1km, h92km;pp-P,n2222,c2114/2539,mb6.3/546,646C-202D, Fault plane solution: NP1=309.2006137, 686.79294*, 7.9,05087*. NP2=205.27359*, 67.74261*, 1.4,235341*. Principal axes: T: Plg1.3839*, Azm56.7045* N: Plg7.0398*, Azm320.4578* P: Plg47.7501*, Azm222.6442*; Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC

Main table with columns: Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC

Table with columns: Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC

LP1G	La Paz	17.87	300	i	P	Pn	19 53 56.9	+1.5
LP1G							19 57 21.9	
GTBY	Guantanamo Bay	17.95	741	eP	P	Pn	19 53 57.6	+1.1
GTBY	Guantanamo Bay	17.95	74	iP	P	Pn	19 53 56.8	+0.4
GTBY	Guantanamo Bay	17.95	74	iP	P	Pn	19 53 57.8	+1.3
TIGA	Tifton	18.03	28	P	P	Pn	19 53 58.2	+0.9
TIGA	Tifton	18.03	28	P	P	Pn	19 53 58.2	+0.9
LCBC	Los crodabas,	18.05	110	eP	P	Pn	19 53 57.7	+0.1
247A	Carrollton	18.05	15	P	P	Pn	19 53 57.8	+0.4
CCAR	Cane Creek	18.15	5	P	P	Pn	19 53 59.2	+0.5
456A	Hilliard	18.22	33	P	P	Pn	19 54 00.7	+1.1
456A							19 54 24.0	
Y45A	Yeager Farm, C	18.38	10	P	P	Pn	19 54 01.8	+0.3
LOOK	Love County	18.47	350	P	P	Pn	19 54 02.7	+0.2
LOOK							19 54 45.8	
152A	Waverly Hill	18.62	24	P	P	Pn	19 54 03.7	-0.6
152A							19 54 31.3	
X40A	Basin Creek Fa	18.66	2	P	P	Pn	19 54 04.0	+0.6
X40A							19 54 40.8	
X40A	Basin Creek Fa	18.66	2	P	P	Pn	19 54 04.3	-0.5
MIAR	Mount Ida	18.71	360	P	P	Pn	19 54 04.7	+0.7
MIAR							19 54 04.7	+0.7
MIAR	Mount Ida	18.71	360	P	P	Pn	19 54 04.8	+0.7
MIAR	Mount Ida	18.71	360	P	P	Pn	19 54 04.7	+0.7
MIAR							19 54 37.6	
MIAR	Mount Ida	18.71	360	P	P	Pn	19 54 05.0	-0.4
SJCC	San Jacinto, C	18.75	1061	eP	P	Pn	19 54 04.6	0.0
SJCC	San Jacinto, C	18.75	106	P	P	Pn	19 54 04.4	-0.3
X37A	Clayton	18.84	355	P	P	Pn	19 54 06.4	-0.5
255A	Hazelhurst	18.96	30	P	P	Pn	19 54 08.3	0.0
255A							19 54 13.2	
DBBC	Dabeiba	19.00	1151	eP	P	Pn	19 54 08.2	+0.8
Z51A	Franklin	19.03	22	P	P	Pn	19 54 09.0	-0.1
PIZZ	Pizarro, Choco	19.11	1221	eP	P	Pn	19 54 11.6	+1.4
Y49A	Blount Mountain	19.12	18	I	Amb	Iamb	19 54 08.7	+0.2
Y49A							19 54 34.3	
X34A	Smith Ranch, M	19.18	349	I	Amb	Iamb	19 54 10.3	-0.6
X34A							19 54 47.1	
MNTX	Cornudas Mount	19.24	328	P	P	Pn	19 54 10.6	+0.8
MNTX	Cornudas Mount	19.24	328	P	P	Pn	19 54 11.4	-0.3
MNTX							19 57 42.0	-0.9
154A	Montrose	19.24	27	P	P	Pn	19 54 10.2	+0.4
UREC	San Jos de Ur	19.26	1121	eP	P	Pn	19 54 09.6	-0.5
W39A	Magazine	19.36	359	I	Amb	Iamb	19 54 12.0	+0.9
W39A							19 54 41.9	
W39A	Magazine	19.36	359	P	P	Pn	19 54 12.3	-0.8
W41B	Gary Mavity, V	19.37	3	P	P	S	19 54 11.9	+0.8
W41B							19 54 22.0	
WHAR	Woolly Hollow	19.49	3	P	P	S	19 54 12.9	+0.5
WHAR							19 54 22.0	
X48A	Hartselle	19.50	16	P	P	Pn	19 54 12.4	-0.1
X48A							19 54 38.9	
WMOK	Wichita Mounta	19.50	347	P	P	Pn	19 54 12.8	+0.2
WMOK							19 54 49.8	
WMOK	Wichita Mounta	19.50	347	P	P	Pn	19 54 12.8	+0.2
WMOK							19 54 49.8	
MET	Memphis-Engin	19.55	9	P	P	Pn	19 54 14.0	+0.9
MET							19 55 01.8	
W35A	Tecumseh	19.56	352	P	P	Pn	19 54 13.6	+0.4
ARGC	Ariguani, Magd	19.63	105	eP	P	Pn	19 54 14.2	0.0
W45A	Hickory Valley	19.70	10	P	P	Pn	19 54 15.1	+0.3
257A	Skidaway Islan	19.72	33	P	P	Pn	19 54 14.8	+0.8
257A							19 54 21.0	
CBOC	Ciudad Bolivar	19.74	1181	eP	P	Pn	19 54 17.2	-0.7
FNO	Franklin	19.74	350	P	P	Pn	19 54 15.9	+0.7
PLAL	Pickwick Lake	19.75	13	P	P	Pn	19 54 14.8	+0.5
PLAL							19 54 38.1	
GOGA	Godfrey	19.77	25	P	P	Pn	19 54 15.8	+0.3
GOGA							19 54 15.8	+0.3
GOGA	Godfrey	19.77	25	P	P	Pn	19 54 15.8	+0.3
GOGA							19 54 22.2	
GOGA	Godfrey	19.77	25	P	P	Pn	19 54 16.2	+0.6
GOGA							19 57 53.2	-0.2
HBAR	Harrisburg	19.88	7	P	P	Pn	19 54 17.2	+0.5
OKCSW	OKLAHOMA CITY	19.89	350	P	P	Pn	19 54 17.4	+0.5
OKCFA	Oklahoma City	19.91	350	P	P	Pn	19 54 17.4	+0.4
Y52A	Lilburn	19.93	23	P	P	Pn	19 54 17.6	+0.3
Y52A							19 54 26.8	
LPAR	Lepanto	19.97	8	P	P	Pn	19 54 18.1	+0.4
ZARC	Zaragoza, Cauc	19.97	112	eP	P	Pn	19 54 17.4	+0.5
ZARC	Zaragoza, Cauc	19.97	112	eP	P	Pn	19 54 17.2	-0.7
HEL	Santa Helena	19.99	1161	eP	P	Pn	19 54 19.1	+0.6
MSTX	Muleshoe	19.99	337	P	P	Pn	19 54 18.6	+0.5
MSTX							19 54 25.0	
MSTX	Muleshoe	19.99	337	P	P	Pn	19 54 18.8	+0.8
MSTX							19 57 53.6	-4.3
FPAL	Fort Paine	20.00	19	P	P	Pn	19 54 17.9	-0.1
FPAL							19 54 52.0	
PLMC	San Jos del P	20.02	1211	eP	P	Pn	19 54 19.4	+0.8
OK025	Westminster Rd	20.05	351	P	P	Pn	19 54 18.1	+0.1
TUMC	Tumaco	20.06	1321	eP	P	Pn	19 54 23.4	+1.9
TUMC	Tumaco	20.06	132	eP	P	Pn	19 54 21.2	-0.2
TUMC							19 54 28.4	
CTUMZ	Tumaco	20.07	132	eP	P	Pn	19 54 23.3	+1.9
FCAR	Ozark Folk Cen	20.09	3	P	P	Pn	19 54 19.2	+0.2
FCAR							19 54 43.8	
LLSC	La Loma 5 El P	20.15	105	eP	P	Pn	19 54 19.7	-0.1
GLVB	Guaymas	20.15	310	i	Amb	Iamb	19 54 21.0	+1.3
GUYB							19 58 08.9	
SMILC	San Martin de	20.16	1081	eP	P	Pn	19 54 19.1	-0.7
TUL1	Leonard	20.18	355	P	P	Pn	19 54 18.6	-1.3
TUL1	Leonard	20.18	355	P	P	Pn	19 54 19.5	-0.4
TUL1							19 57 56.7	-4.8
X51A	Calhoun	20.27	21	P	P	Pn	19 54 21.7	+0.8
X51A							19 54 57.0	
OK029	Liberty Lake	20.28	351	P	P	Pn	19 54 21.0	0.0
OK030	Cody Creek RV	20.31	352	P	P	Pn	19 54 20.8	-0.6
LCAR	Lake Charles	20.34	5	P	P	Pn	19 54 21.3	-0.3
LCAR							19 54 44.6	
OK031	S. Brethren Rd	20.34	352	P	P	Pn	19 54 21.2	-0.5
CVALL	Valledupar, Ce	20.35	1021	eP	P	Pn	19 54 22.1	+0.1
GNAR	Gosnell	20.36	8	P	P	Pn	19 54 22.9	+1.0
LL1C	La Loma 1 Cana	20.37	1051	eP	P	Pn	19 54 22.3	+1.0
OK034	N. Norfolk Rd.	20.39	352	P	P	Pn	19 54 21.5	-0.6
HALT	Halls	20.41	10	P	P	Pn	19 54 23.4	+1.0
AMTX	Amarillo	20.43	340	P	P	Pn	19 54 23.1	+0.3
AMTX							19 54 27.7	
AMTX	Amarillo	20.43	340	P	P	Pn	19 54 23.4	+0.6
AMTX							19 58 03.6	-2.9
HHAR	Hobbs	20.45	359	P	P	Pn	19 54 22.6	-0.3
HHAR							19 54 46.2	

YOTC	Yotoco, Valle	20.50	123	eP	P	Pn	19 54 26.1	-0.5
YOTC	Yotoco, Valle	20.50	123	eP	P	Pn	19 54 25.9	-0.8
SWET	Seewanee	20.52	18	P	P	Iamb	19 54 23.3	-0.4
SWET							19 54 57.5	
U40A	Yellville	20.53	1	P	P	Iamb	19 54 23.8	+0.1
U40A							19 54 46.7	
U40A	Yellville	20.53	1	P	P	Pn	19 54 24.2	+0.5
PEBM	Pemiscott Bayo	20.53	8	P	P	Pn	19 54 24.4	+0.7
QUOK	Quay	20.54	352	I	Amb	Iamb	19 54 23.2	-0.7
QUOK							19 54 57.8	
CRUC	Correjon, Guaj	20.56	1011	eP	P	Pn	19 54 23.8	-0.6
LL6C	La Loma 6 Bece	20.57	1041	eP	P	Pn	19 54 23.9	-0.5
LNXT	Lenox	20.57	9	P	P	Pn	19 54 25.3	+1.1
U58A	Gravette	20.62	358	P	P	Pn	19 54 24.2	-0.5
GUV2C	Guyana, Caldas	20.62	1191	eP	P	Pn	19 54 26.9	-1.5
W50A	Signal Mountai	20.70	19	P	P	Iamb	19 54 25.0	-0.6
W50A							19 54 59.3	
PTBC	PUERTO BERRIO,	20.76	1141	eP	P	Pn	19 54 25.6	-0.7
GLAT	Glass	20.77	10	P	P	Pn	19 54 26.3	+0.1
W48A	Smith Brothers	20.77	15	P	P	Pn	19 54 25.7	-0.8
HSIG		20.84	3121	e	P	Pn	19 54 28.6	+1.5
HSIG							19 58 09.3	
CNOCA	NORCASIA, CALD	20.86	117	eP	P	Pn	19 54 29.8	-1.1
NORC	Norcasia	20.87	1171	eP	P	Pn	19 54 28.4	+0.8
SRIG	Santa Rosalia	20.89	3071	e	P	Pn	19 54 29.0	+1.4
SRIG							19 57 49.9	
RGRS	Roger Stewar	20.89	33	P	P	Pn	19 54 28.8	+1.2
PENM	Penman	20.90	9	P	P	Pn	19 54 27.9	+0.3
WVT	Waverly	20.91	13	P	P	Pn	19 54 25.8	-2.0
WVT							19 54 50.9	
WVT	Waverly	20.91	13	P	P	Pn	19 54 26.8	-0.9
WVT							19 58 16.1	+0.4
UTMT	University of	20.91	10	P	P	Pn	19 54 28.4	+0.6
ANIL	Santa Ana	20.98	120	eP	P	Pn	19 54 31.1	-1.4
HODGE	Hodges	20.99	27	P	P	Iamb	19 54 28.3	-0.4
HODGE							19 54 54.6	
HICK	Hickory	21.05	10	P	P	Pn	19 54 29.2	-0.1
NHSC	New Hope	21.05	32	P	P	Pn	19 54 30.2	+0.8
NHSC	New Hope	21.05	32	P	P	Pn	19 54 30.7	+1.4
CROK	Carrier	21.06	350	I	Amb	Iamb	19 54 28.3	-1.1
CROK							19 54 52.8	
OCAC	OCACA	21.06	1081	eP	P	Pn	19 54 27.9	-1.9
OCAC							19 54 28.2	-1.5
W52A	Murphy	21.07	22	P	P	Iamb	19 54 29.0	-0.6
W52A							19 55 13.9	
PARMO	Parma	21.09	8	P	P	Pn	19 54 29.4	-0.2
POPC	Popayan, Colom	21.11	1271	eP	P	Pn	19 54 33.9	+3.5
PBMO	Poplar Bluff	21.11	7	P	P	Pn	19 54 29.2	-0.7
US2A	Winter Ranch,	21.13	348	I	Amb	Iamb	19 54 30.0	-0.2
US2A							19 55 06.0	

17d 19h

Table with columns for station ID, name, date, time, and various numerical values. Includes stations like Beattyville, Macarena, Meta, etc.

2015 DEC

Table with columns for station ID, name, date, time, and various numerical values. Includes stations like Mineral, State Center, SMC, etc.

854

Table with columns for station ID, name, date, time, and various numerical values. Includes stations like Moraine State, Chesterland, Ann Arbor, etc.

OSI		S	S	20 00 41.9 +6.3	
MPMC	Manual Prospec	29.45 318	P	P	19 55 49.6 +1.4
MPMC	baz=127,SNR=97		S	S	20 00 42.5 +6.6
SKI	Saint Kitts	29.48 83	eP	P	19 55 42.3 -6.0
I49A	Point Hope	29.52 16	eP	P	19 55 46.7 -1.6
I49A			pP	P	19 56 07.5 -2.0
I49A			IAMB	IAMB	19 56 23.3
DUG	comp-Z,911nm,1.2s	29.62 329	P	P	19 55 50.9 +1.4
DUG	Dugway, Tooele		S	S	20 00 42.5 +4.2
DUG	baz=140,SNR=53		S	S	19 55 50.7 +0.8
RSSD	Black Hills	29.67 345	P	P	19 55 51.1 +1.1
RSSD			pmax	pmax	19 55 50.7 +0.8
RSSD	comp-Z,176nm,0.8s	29.67 345	↑P	P	19 55 51.1 +1.1
RSSD	Black Hills	29.67 345	P	P	19 55 50.7 +0.8
RSSD	Black Hills	29.67 345	P	P	19 55 50.9 +0.9
RSSD	baz=159		S	S	20 00 42.1 +3.0
R11A	Troy Canyon, C	29.76 323	P	P	19 55 52.1 +1.2
R11A	baz=133,SNR=53		S	S	20 00 46.7 +6.0
BRNJ	Basking Ridge	29.77 30	IAMB	IAMB	19 56 15.1
ARVC	Arvin	29.80 315	P	P	19 55 52.6 +1.6
ARVC	baz=124,SNR=9.4		S	S	20 00 46.7 +5.6
ISA	Isabella, Lake	29.87 316	P	P	19 55 52.8 +1.2
ISA			pmax	pmax	19 55 52.8 +1.2
ISA	comp-Z,547nm,1.5s	29.87 316	P	P	19 55 52.8 +1.2
ISA	Isabella, Lake	29.87 316	P	P	19 55 53.4 +1.8
ISA	baz=125,SNR=20		S	S	20 00 48.1 +5.9
GLMI	Graying	29.93 13	P	P	19 55 50.2 -1.8
G45A	Suttons Bay	29.93 11	IAMB	IAMB	19 56 29.3
GRAC	comp-Z,2um,1.6s	29.95 319	P	P	19 55 54.2 +1.9
GRAC	Grapevine Rang		S	S	20 00 51.0 +7.6
GRAC	baz=128,SNR=30		S	S	20 00 51.0 +7.6
MMNY	Mt. Morris Dam	30.02 23	IAMB	IAMB	19 56 16.3
CWC	comp-Z,772nm,1.3s	30.07 318	P	P	19 55 54.9 +1.3
CWC	Cottonwood Cre		S	S	20 00 50.6 +5.2
CWC	baz=127		S	S	19 55 53.7 -0.3
CPNY	Central Park	30.15 30	P	P	19 56 14.6 -0.4
J54A	Appleton	30.21 22	pP	pP	19 55 53.2 -1.2
J54A			pP	pP	19 56 14.2 -1.3
J54A			IAMB	IAMB	19 56 57.9
BW06	Boulder Array	30.25 336	P	P	19 55 56.1 +1.0
BW06	baz=148,SNR=10		S	S	20 00 50.4 +2.1
PD31	Pinedale Array	30.25 336	↑P	P	19 55 59.0 +0.8
PD31			↑S	S	20 00 52.9 +4.5
PDAR	Pinedale Array	30.25 336	P	P	19 55 56.0 +0.8
PDAR	comp-Z,46nm,0.9s,baz=134,slow=8.6,SNR=153		PcP	PcP	19 58 55.2 +1.4
PDAR	comp-Z,38nm,1.0s,baz=125,slow=4.6,SNR=3.7		pPcP	pPcP	19 59 18.4
PDAR	comp-Z,136nm,1.2s,baz=174,slow=1.5,SNR=4.7		S	S	20 00 49.2 +0.8
PDAR	comp-Z,3.3nm,0.6s,baz=110,slow=34,SNR=1.5		PKPKP	PKPKP	20 06 26.6 +1.2
PDAR	comp-Z,5.1nm,0.8s,baz=132,slow=2.2,SNR=4.1		LR	LR	20 11 15.3
PDAR	comp-Z,14um,18.5s,baz=152,slow=42		P3K/Pbc	P3K/Pbc	20 27 48.1
PDAR	comp-Z,1.6nm,0.9s,baz=44,slow=4.5,SNR=6.8		S	S	19 56 21.0
LCH	Last Change Ra	30.27 320	IAMB	IAMB	19 56 19.5
TRNY	Table Rock, R	30.29 30	IAMB	IAMB	19 56 19.5
PAL	Palisades	30.34 30	IAMB	IAMB	19 55 54.4 -1.2
PAL	comp-Z,836nm,1.2s		P	P	19 56 19.7
BINY	Binghamton	30.34 26	IAMB	IAMB	19 55 54.7 -1.0
BINY	comp-Z,728nm,1.2s		S	S	20 00 53.1 +3.7
BINY	baz=215,SNR=12		S	S	19 55 56.6 +0.5
PKM	Mcpherson Peak	30.35 314	P	P	20 00 56.1 +6.1
PKM	baz=122,SNR=16		S	S	19 55 58.0 +2.0
YES	Vestal, Richgr	30.38 316	P	P	20 00 56.9 +6.9
YES	baz=124,SNR=10		S	S	19 55 47.6 -8.7
ANWB	Wilby Bob	30.38 82	eP	P	19 55 53.3 -3.0
ANWB	Wilby Bob	30.42 83	eP	P	19 55 51.7 -4.9
ANB	Bethesda, Anti	30.50 31	P	P	19 55 57.7 +0.7
N62A	Caumsett State		pP	pP	19 56 18.0 -0.1
N62A			IAMB	IAMB	19 56 21.1
J55A	comp-Z,848nm,1.1s	30.51 23	P	P	19 55 55.5 -1.6
TIN	Hilton Tinemaha, Big	30.53 319	P	P	19 55 59.7 +2.1
TIN	baz=127,SNR=22		S	S	20 00 59.1 +6.5
K57A	Scipio Center	30.56 25	IAMB	IAMB	19 56 21.2
TBTG	Tabatinga, AM	30.59 128	eP	P	19 55 59.8 +1.7
TBTG	Tabatinga, AM	30.59 128	eP	P	19 55 59.8 +1.7
TBTG	Tabatinga, AM	30.59 128	IAMB	IAMB	19 55 59.9 +1.7
TBTG			IAMB	IAMB	19 56 02.9
TDBA	Terre de Bas,	30.61 85	eP	P	19 55 51.7 -6.6
CBE	F, Capesier	30.62 85	eP	P	19 55 55.1 -3.4
L59A	Watton	30.74 27	IAMB	IAMB	19 56 23.4
WSP	Westport, CT	30.74 31	IAMB	IAMB	19 56 23.2
VOG	Valley Oaks Go	30.85 316	P	P	19 56 01.1 +1.0
VOG	baz=125		S	S	20 01 02.4 +5.1
DSLB	Salisbury	30.85 86	eP	P	19 55 55.0 -5.4
MDVC	Dominica, Viel	30.85 86	eP	P	19 55 57.4 -3.1
AHID	Auburn Hacler	30.88 34	IAMB	IAMB	19 56 24.1
J56A	Wolcott	30.88 24	IAMB	IAMB	19 56 24.1
BBSR	BB Station	30.90 52	↑P	P	19 56 00.5 -0.2
BBSR	BB Station	30.90 52	P	P	19 56 00.5 -0.2
MAGL	Barre de l'île	30.94 85	eP	P	19 55 58.7 -2.5
DLPL	La Plaine	31.03 86	eP	P	19 55 55.7 -6.3
DLPL	La Plaine	31.03 86	IAMB	IAMB	19 56 47.2
YLE	Yale	31.05 31	pP	pP	19 56 23.6 +0.6
YLE			IAMB	IAMB	19 56 26.1
GRHS	Sauteurs	31.06 92	eP	P	19 56 00.6 -1.7
GRGR	Grenville	31.06 93	eP	P	19 55 56.9 -5.5
GRGR	Grenville	31.06 93	↑P	P	19 56 01.2 -1.2
GRGR	Grenville	31.06 93	IAMB	IAMB	19 56 43.0
KSCT	Kent School, K	31.10 30	IAMB	IAMB	19 56 26.6
CZSB	comp-Z,1um,1.2s	31.10 137	IAMB	IAMB	19 56 10.3
PGAB	Antelope Grade	31.10 315	IAMB	IAMB	19 56 28.6
SVN	comp-Z,857nm,1.3s	31.15 87	IAMB	IAMB	19 56 53.0
SVN	Savane Anatole		S	S	19 56 00.3 -0.5
SVN	comp-Z,91nm,0.8s		S	S	19 56 00.3 -0.5
FDL	Fort de France	31.18 87	eP	P	19 56 00.5 -2.9
FDL	Fort de France	31.18 87	IAMB	IAMB	19 56 44.8
GCMP	Grenada, Carri	31.22 92	eP	P	19 55 55.7 -8.0
ELK	Elko	31.26 327	P	P	19 56 06.2 +2.1

ELK	comp-Z,42nm,0.7s,baz=137,slow=6.5,SNR=140		pP	pP	19 56 25.3 +0.1
ELK	comp-Z,132nm,1.0s,baz=152,slow=4.9,SNR=111		PcP	PcP	19 58 58.1 +1.6
ELK	comp-Z,43nm,1.0s,baz=273,slow=2.4,SNR=3.2		pPcP	pPcP	19 59 21.0
ELK	comp-Z,79nm,1.0s,baz=67,slow=1.3,SNR=4.0		S	S	20 01 05.8 +1.6
ELK	comp-Z,14nm,1.1s,baz=157,slow=10,SNR=2.0		LR	LR	20 09 52.7
MLAC	Mammoth, Mammo31.26 319		P	P	19 56 05.7 +1.6
MLAC	baz=127,SNR=8.9		S	S	20 01 10.0 +5.6
SVB	Belmont	31.27 90	eP	P	19 55 58.3 -5.8
SVB	Belmont	31.27 90	IAMB	IAMB	19 56 41.5
REDW	Red Top Meadow	31.27 335	IAMB	IAMB	19 56 37.3
BIM	Bigot	31.28 88	eP	P	19 56 00.5 -3.8
BIM	Bigot	31.28 88	IAMB	IAMB	19 56 02.4 -1.8
BIM			IAMB	IAMB	19 56 43.2
BIM	comp-Z,729nm,0.9s		PcP	PcP	19 58 58.4 +1.7
SNOW	Snow King Moun	31.31 335	IAMB	IAMB	19 56 08.7
J57A	Wilmetts	31.34 25	IAMB	IAMB	19 56 27.9
NV11	Mina Array Sit	31.34 321	IAMB	IAMB	19 56 31.8
SADO	Sadowa	31.36 20	P	P	19 56 02.7 -1.9
SADO	comp-Z,16nm,0.4s,baz=259,slow=7.7,SNR=20		PcP	PcP	19 58 56.9 +0.5
SADO	comp-Z,70nm,0.7s,baz=212,slow=5.3,SNR=1.7		↑P	↑P	19 56 02.4 -2.2
SADO	Sadowa	31.36 20	IAMB	IAMB	19 56 40.1
LOWH	Long Hollow	31.38 336	IAMB	IAMB	19 56 55.2
NVAR	Mina Array Bea	31.43 321	P	P	19 56 08.1 +2.5
NVAR	comp-Z,164nm,0.9s,baz=135,slow=9.0,SNR=570		pP	pP	19 56 28.5 +2.0
NVAR	comp-Z,260nm,0.9s,baz=133,slow=3.5,SNR=12		PcP	PcP	19 58 57.4 +0.4
NVAR	comp-Z,82nm,1.2s,baz=114,slow=2.5,SNR=2.8		pPcP	pPcP	19 59 21.6
NVAR	comp-Z,66nm,1.0s,baz=146,slow=2.7,SNR=4.6		S	S	20 01 09.6 +2.7
NVAR	comp-Z,1.4nm,0.7s,baz=222,slow=48,SNR=1.0		ScS	ScS	20 06 30.9 +1.0
NVAR	comp-Z,1.1nm,0.7s,baz=170,slow=2.1,SNR=5.1		LR	LR	20 10 09.3
NVAR	comp-Z,22um,18.6s,baz=132,slow=39		P3K/Pbc	P3K/Pbc	20 27 45.6
NVAR	comp-Z,3.9nm,0.8s,baz=293,slow=5.3,SNR=12		P3K/P	P3K/P	20 29 03.0
NVAR	comp-Z,2.2nm,0.9s,baz=326,slow=0.3,SNR=3.7		S	S	19 55 56.8 -8.8
SLBI	Saint Lucia, B	31.43 89	eP	P	19 56 07.4
D32A	Dogwood Acres,	31.43 355	IAMB	IAMB	19 56 40.5
LHV	Little Huntoon	31.44 320	IAMB	IAMB	19 55 59.6 -6.0
ILAM	let Lapin Mar	31.44 87	eP	P	19 56 41.1
ILAM	let Lapin Mar	31.44 87	IAMB	IAMB	19 56 42.8
E46A	Sault Ste Marie	31.47 12	IAMB	IAMB	19 56 29.1
D41A	Chassel	31.48 6	IAMB	IAMB	19 56 29.1
MPOM	Morne Pois Mar	31.49 88	eP	P	19 56 11.8 -4.3
MPOM	Morne Pois Mar	31.49 88	IAMB	IAMB	19 56 43.0
MCLT	Moule Chique	31.50 89	eP	P	19 55 59.6 -6.6
TRN	Trinidad (W)	31.50 95	eP	P	19 55 58.9 -8.1
DELO	Deloro Mine	31.56 22	IAMB	IAMB	19 56 33.7
PMPB	Monarch Peak	31.74 315	IAMB	IAMB	19 56 48.9
H17A	Grant Village	32.02 337	IAMB	IAMB	19 56 12.9 +2.2
H17A	Grant Village		S	S	20 01 19.9 +3.9
L61B	Northampton	32.03 30	P	P	19 56 09.1 -1.4
QUA2	baz=220,SNR=11	32.06 30	IAMB	IAMB	19 56 34.1
NNA	Nana	32.10 148	P	P	19 56 13.1 +1.7
NNA	comp-Z,125nm,1.1s,baz=318,slow=9.2,SNR=22		S	S	20 01 18.4 +1.2
NNA	comp-Z,4.7nm,0.3s,baz=222,slow=10,SNR=1.2		ScS	ScS	20 06 34.6 +1.1
NNA	comp-Z,4.5nm,0.3s,baz=205,slow=20,SNR=1.6		LR	LR	20 07 17.9
NNA	comp-Z,11um,18.5s,baz=328,slow=32		LR	LR	19 56 14.3 +2.9
NNA	comp-Z,449nm,1.3s		pmax	pmax	19 56 13.4 +2.0
NNA	Nana	32.10 148	↑P	P	19 56 13.2 +1.7
LKNW	Lake	32.10 337	IAMB	IAMB	19 56 51.0
YMP	Mirror Lake Pi	32.16 337	IAMB	IAMB	19 56 56.6
RLMT	Red Lodge	32.17 339	P	P	19 56 13.1 +1.1
RLMT	baz=150,SNR=135		S	S	20 01 19.6 +1.4
TOSP	Opeyaside	32.30 94	eP	P	19 56 05.1 -8.1
YNR	Norris Junctio	32.33 337	IAMB	IAMB	19 57 08.3
YERR	Yerrington	32.35 321	IAMB	IAMB	19 56 45.6
M65A	Gusby, Falmout	32.39 33	P	P	19 56 12.3 -1.3
YMR	Madison River	32.40 336	IAMB	IAMB	19 56 47.6
MDND	Madocul	32.41 352	P	P	19 56 13.8 +0.1
MDND	baz=169,SNR=250		S	S	20 01 17.4 -4.0
SAO	San Andreas Ge	32.48 315	↑P	P	19 56 15.5 +1.0
SAO	San Andreas Ge	32.48 315	IAMB	IAMB	19 56 39.7
AGMN	Agassiz Nation	32.52 357	IAMB	IAMB	19 56 16.3
AGMN	comp-Z,531nm,0.8s		P	P	19 56 14.0 -0.6
AGMN	baz=176,SNR=128		S	S	19 56 38.4
B35A	Bob, Littlefor	32.52 360	IAMB	IAMB	19 56 38.7
NCB	Newcomb	32.53 26	IAMB	IAMB	19 56 16.7 +0.9
LAO	LASA Array	32.63 344	P	P	19 56 27.5 +2.5
LAO	baz=157,SNR=40		S	S	19 56 45.5
PNTR	Pine Nut	32.63 321	IAMB	IAMB	19 56 40.1
WES	Weston	32.65 31	IAMB	IAMB	19 56 37.4 -0.1
BCX	Boston College	32.69 31	pP	pP	19 56 40.7
BCX			IAMB	IAMB	19 56 40.7
J61A	Chester	32.78 29	IAMB	IAMB	19 56 41.8
PAHR	Pah Rah Rang	32.88 322	IAMB	IAMB	19 56 44.4
LONY	Lake Ozonia	32.91 25	IAMB	IAMB	19 56 42.0
LONY	comp-Z,953nm,1.2s		P	P	19 56 16.9 -1.3
LONY	Lake Ozonia	32.91 25	eP	P	19 56 15.5 -3.0
BBGH	Gun Hill	32.91 90	eP	P	

17d 19h

Table with columns for call sign, frequency, power, and other technical details. Includes entries like NEW comp=Z,57nm,0.7s,baz=141,slow=8.8,SNR=24 and NEW comp=Z,193nm,0.9s,baz=150,slow=8.9,SNR=15.

2015 DEC

Table with columns for call sign, frequency, power, and other technical details. Includes entries like PB09 IPOC Station P 44.23 147 / P P and DRLN Deer Lake 44.40 33 / P P.

856

Table with columns for call sign, frequency, power, and other technical details. Includes entries like SKAG S S 20 06 33.1 +7.2 and PEL Peledhue comp=Z,2,234nm,0.8s 53.27 156 / Iamb Iamb.

M26K	Nabesna, AK	58.01 335	Iamb	Iamb	20 00 02.8
M26K	Nabesna, AK	58.01 335	P	P	19 59 38.0 +2.3
M26K	baz=120		S	S	20 07 36.3 +7.1
Q23K	Middleton Isla	58.07 331	P	P	19 59 38.9 +2.8
N25K	Chitina, Valde	58.28 334	Iamb	Iamb	20 00 03.0
N25K	Chitina, Valde	58.28 334	P	P	19 59 40.1 +2.5
N25K	baz=118,SNR=20		S	S	20 07 39.0 +6.2
EYAK	Cordova Ski Ar	58.29 333	P	P	19 59 39.9 +2.2
SFJD	Kangerlussuaq	58.29 18	P	P	19 59 37.4 -0.1
SFJD	comp=Z,36nm,0.7s,baz=192,slow=5.5,SNR=16		pP	pP	19 59 58.8 -1.7
SFJD	Kangerlussuaq	58.29 18	Iamb	Iamb	19 59 36.8 -0.8
SFJD	comp=Z,18nm,0.7s		Iamb	Iamb	19 59 39.3
SFJD	Kangerlussuaq	58.29 18	P	P	19 59 36.7 -0.8
SFJD	Kangerlussuaq	58.29 18	P	P	19 59 36.1 -1.4
INK	Inuvik	58.37 344	P	P	19 59 39.0 +0.9
INK	comp=Z,485nm,0.8s,baz=120,slow=7.6,SNR=832		pP	pP	19 59 59.6 -1.6
INK	comp=Z,594nm,1.0s,baz=131,slow=6.9,SNR=9.9		S	S	20 07 32.9 -0.5
INK	comp=Z,6.4nm,1.2s,baz=313,slow=29,SNR=1.0		LR	LR	20 29 10.9
INK	comp=Z,17um,18.1s,baz=128,slow=40		P4Kpbc	P4Kpbc	20 36 45.2
INK	comp=Z,3.8nm,1.1s,baz=127,slow=5.1,SNR=3.5		pP	pP	19 59 38.9 +0.9
INK	Inuvik	58.37 344	P	P	19 59 39.0 +0.9
INK	Inuvik	58.37 344	P	P	19 59 39.0 +0.9
INK	baz=133,SNR=563		S	S	20 07 34.7 +1.3
L26K	Log Cabin Wild	58.46 336	Iamb	Iamb	20 00 06.5
L26K	Log Cabin Wild	58.46 336	P	P	19 59 40.4 +1.5
L26K	baz=120,SNR=29		S	S	20 07 41.3 +6.4
L26K	baz=120		S	S	20 07 41.3 +6.4
LR03	Panguipulli	58.52 161	Iamb	Iamb	19 59 43.4
MC01	Montes Claros	58.54 121	eP	eP	19 59 41.0 +0.9
ITAB	Concordia	58.60 136	eP	eP	19 59 41.2 +0.9
KLU	Klutina	58.79 334	P	P	19 59 43.1 +1.9
KLU	baz=117,SNR=35		S	S	20 07 44.1 +4.8
RCLB	Rio Claro- Sao	58.84 129	eP	eP	19 59 43.3 +1.2
HARP	HAARP	58.89 335	P	P	19 59 43.4 +1.6
HARP	baz=118,SNR=21		S	S	20 07 46.7 +6.3
RES	Resolute Bay	58.94 360	P	P	19 59 41.7 -0.3
RES	comp=Z,342nm,0.7s,baz=184,slow=10.0,SNR=364		S	S	20 07 38.7 -2.0
RES	comp=Z,9.3nm,1.0s,baz=47,slow=21,SNR=1.7		ScS	ScS	20 09 21.9 -0.9
RES	comp=Z,5.8nm,0.9s,baz=74,slow=21,SNR=1.3		LR	LR	20 28 16.4
RES	comp=Z,5um,18.7s,baz=185,slow=39		PKP2bc	PKP2bc	20 29 29.2
RES	comp=Z,6.4nm,1.0s,baz=349,slow=6.8,SNR=4.1		P	P	19 59 41.6 -0.3
RES	Resolute Bay	58.94 360	Iamb	Iamb	19 59 44.1
RES	Resolute Bay	58.94 360	Iamb	Iamb	19 59 44.1
POHA	Pohakuloa	58.97 284	P	P	19 59 43.8 +0.4
POHA	Pohakuloa	58.97 284	P	P	19 59 43.4 0.0
POHA	Pohakuloa	58.97 284	P	P	19 59 43.8 +0.4
GLI	Glacier Island	59.03 333	Iamb	Iamb	20 00 11.0
GLI	comp=Z,646nm,1.4s		P	P	19 59 44.2 +1.4
GLI	Glacier Island	59.03 333	P	P	19 59 44.2 +1.4
GLI	baz=115,SNR=7.1		S	S	20 07 48.0 +5.7
MLOA	Mauna Loa Obsc	59.04 284	Iamb	Iamb	20 00 11.9
M24K	Tolsona, Glenn	59.17 334	P	P	19 59 46.2 +2.4
M24K	baz=117,SNR=14		S	S	20 07 48.7 +4.4
SCRK	Sand Creek	59.19 337	Iamb	Iamb	20 00 11.0
SCRK	comp=Z,568nm,1.3s		P	P	19 59 45.8 +1.8
SCRK	Sand Creek	59.19 337	P	P	20 07 49.1 +4.6
SCRK	baz=120,SNR=36		S	S	20 07 49.1 +4.6
A36M	Sachs Harbour	59.27 349	Iamb	Iamb	19 59 46.5
A36M	comp=Z,225nm,0.8s		P	P	19 59 44.5 +0.2
A36M	Sachs Harbour	59.27 349	P	P	20 07 45.3 +0.4
A36M	baz=144,SNR=104		S	S	20 07 45.3 +0.4
PAX	Paxson	59.28 335	Iamb	Iamb	20 00 11.2
PAX	comp=Z,445nm,1.0s		P	P	19 59 46.0 +1.3
PAX	Paxson	59.28 335	P	P	20 07 50.3 +4.6
PAX	baz=118,SNR=62		S	S	20 07 50.3 +4.6
J26L	Joseph Creek	59.30 337	P	P	19 59 46.0 +1.3
J26L	baz=121		S	S	20 07 51.2 +5.4
DY2G	Dye2	59.35 20	iP	iP	19 59 45.3 +0.1
DY2G	comp=Z,49nm,0.5s		Iamb	Iamb	19 59 47.0
RIDG	Independent Ri	59.41 336	P	P	19 59 46.9 +1.5
RIDG	baz=119,SNR=43		S	S	20 07 52.5 +5.3
SCM	Sheep Creek Mo	59.54 334	P	P	19 59 47.8 +1.4
SCM	baz=116,SNR=13		S	S	20 07 53.9 +4.9
PWL	Port Wells	59.57 332	Iamb	Iamb	20 00 16.0
PWL	comp=Z,714nm,1.4s		P	P	19 59 47.3 +0.8
PWL	Port Wells	59.57 332	P	P	20 07 53.6 +4.3
PWL	baz=114,SNR=11		S	S	20 07 53.6 +4.3
DIAM	Diamantina, MG	59.58 123	eP	eP	19 59 48.4 +1.0
ILULI	Ilulissat	59.60 16	iP	iP	19 59 46.1 -0.5
ILULI	comp=Z,55nm,0.8s		Iamb	Iamb	20 00 12.2
VAO	Valinhos	59.60 129	eP	eP	19 59 48.6 +1.1
SPB	Sao Paulo	59.61 130	eP	eP	19 59 48.4 +1.1
SPB	comp=Z,398nm,1.0s		Iamb	Iamb	20 00 12.8
LL04	Puerto Octay	59.66 162	Iamb	Iamb	19 59 50.9
KHLH	Kahului Aipor	59.67 285	Iamb	Iamb	20 00 14.1
SEW	Seward	59.78 331	Iamb	Iamb	20 00 12.9
SEW	comp=Z,571nm,1.0s		P	P	19 59 49.2 +1.3
SEW	Seward	59.78 331	P	P	20 07 55.0 +3.1
SEW	baz=112,SNR=11		S	S	20 07 55.0 +3.1
LL05	Los Muermos	59.80 163	Iamb	Iamb	19 59 56.0
KNK	Knik Glacier	59.85 333	P	P	19 59 49.3 +0.8
KNK	baz=114,SNR=14		S	S	20 07 56.9 +4.0
LL03	Petrohuc	59.87 162	Iamb	Iamb	19 59 54.1
CPSB	Cacapava Do Su	59.92 140	eP	eP	19 59 50.3 +1.0
SML	Sawmill	59.96 333	P	P	19 59 50.3 +1.1
SML	baz=114,SNR=16		S	S	20 07 57.9 +3.5
WAT6	Susitna Watana	60.04 334	P	P	19 59 51.0 +1.1
WAT6	baz=116,SNR=46		S	S	20 07 58.7 +3.1
O22K	Cooper Landing	60.05 332	P	P	19 59 50.9 +1.1
O22K	baz=112		S	S	20 07 59.3 +3.9
PLCA	Paso Flores	60.09 160	P	P	19 59 51.5 +1.1

PLCA	comp=Z,342nm,1.0s,baz=335,slow=7.1,SNR=6.5		pP	pP	20 00 14.0 +0.7
PLCA	comp=Z,3.1nm,0.9s,baz=309,slow=21,SNR=1.6		S	S	20 07 57.6 +1.1
PLCA	comp=Z,8um,18.1s,baz=340,slow=32		LR	LR	20 21 47.5
PLCA	comp=Z,1.9nm,0.9s,baz=117,slow=11,SNR=2.8		PKPPKP	P/P/df	20 29 13.3 +0.6
PLCA	comp=Z,11nm,1.0s,baz=96,slow=3.3,SNR=6.6		P	P	20 29 25.9
PLCA	Paso Flores	60.09 160	iP	iP	19 59 51.5 +1.1
PLCA	Paso Flores	60.09 160	eP	eP	19 59 51.8 +1.4
PLCA	Paso Flores	60.09 160	Iamb	Iamb	19 59 54.7
DHY	Denali Highway	60.10 335	Iamb	Iamb	20 00 17.7
DHY	Denali Highway	60.10 335	P	P	19 59 51.3 +1.0
DHY	baz=116,SNR=21		S	S	20 07 58.3 +2.0
PET01	Itanhaem-SP	60.14 131	eP	eP	20 09 52.2 +1.2
BSCB	Bom Sucesso	60.14 126	eP	eP	19 59 52.5 +1.4
PMR	Palmer	60.22 333	P	P	19 59 52.3 +1.4
PMR	baz=114,SNR=25		S	S	20 08 01.3 +3.8
BRSE	Bradley Lake S	60.25 331	P	P	20 09 52.8 +1.6
BRSE	baz=111,SNR=7.2		S	S	19 59 02.9 +4.8
RC01	Rabbit Creek A	60.29 332	P	P	19 59 52.6 +1.2
RC01	baz=113,SNR=24		S	S	20 08 02.6 +4.1
WAT1	Susitna Watana	60.48 334	P	P	19 59 53.7 +0.9
WAT1	baz=115		S	S	20 08 04.5 +3.5
KDAK	Kodiak Island	60.49 328	P	P	19 59 52.6 -0.2
KDAK	comp=Z,78nm,0.8s,baz=115,slow=2.3,SNR=18		pP	pP	20 00 16.1 +0.2
KDAK	Kodiak Island	60.49 328	P	P	19 59 53.2 +0.4
KDAK	comp=Z,1um,1.4s		iP	iP	19 59 54.2 +1.4
KDAK	Kodiak Island	60.49 328	iP	iP	20 00 16.6 +0.6
KDAK	Kodiak Island	60.49 328	iP	iP	20 00 17.1 -9.1
KDAK	Kodiak Island	60.49 328	P	P	19 59 53.2 +0.4
KDAK	Kodiak Island	60.49 328	P	P	19 59 53.7 +0.8
PRP	Porcupine Dome	60.53 338	P	P	19 59 54.1 +0.9
PRP	baz=119,SNR=54		S	S	20 08 05.4 +3.6
HDA	Harding Lake	60.54 336	P	P	19 59 53.9 +0.8
HDA	baz=117		S	S	20 08 04.9 +3.3
HDA	baz=117		S	S	20 08 04.9 +3.3
HOM	Homer	60.65 330	P	P	19 59 55.1 +1.3
HOM	baz=110		S	S	20 08 08.9 +5.8
NUUG	Nuugaatsiaq	60.67 14	iP	iP	19 59 53.9 0.0
NUUG	comp=Z,88nm,0.7s		Iamb	Iamb	19 59 56.9
ILAR	Eielson Array	60.68 337	P	P	19 59 54.8 +0.7
ILAR	comp=Z,69nm,0.7s,baz=127,slow=5.3,SNR=320		pP	pP	20 00 16.2 -1.2
ILAR	comp=Z,241nm,1.1s,baz=127,slow=2.1,SNR=15		pP	pP	20 08 04.0 +0.6
ILAR	comp=Z,1.4nm,0.9s,baz=339,slow=2.0,SNR=2.1		LR	LR	20 27 32.3
ILAR	comp=Z,8um,21.3s,baz=126,slow=37		PKPPKP	P/P/df	20 29 07.0 -7.2
OHAK	Old Harbor	60.68 327	P	P	19 59 55.7 +1.5
OHAK	baz=107,SNR=9.8		S	S	20 08 07.2 +3.3
M22K	Willow	60.72 333	P	P	19 59 55.4 +1.1
M22K	baz=113,SNR=13		S	S	20 08 07.2 +3.3
PLTB	Pedras Altas	60.77 141	eP	eP	19 59 56.2 +1.1
PLTB	Pedras Altas	60.77 141	Iamb	Iamb	20 00 00.9
GDU01	Guandui, BA	60.79 116	eP	eP	19 59 55.7 +0.1
PARB	Parabuna	60.81 129	eP	eP	19 59 57.0 +1.4
CAPN	Captain Cook N	60.81 332	P	P	19 59 55.6 +0.7
CAPN	baz=111,SNR=5.9		P	P	19 59 56.5 +0.9
CNELB	Canela	60.82 137	eP	eP	19 59 54.1 -1.6
UPNVN	Upernavik	60.95 12	iP	iP	20 00 00.8
UPNVN	comp=Z,30nm,0.8s		Iamb	Iamb	20 00 00.8
SII	Sitkinak Island	60.96 326	P	P	19 59 57.2 +1.1
SII	baz=106,SNR=7.9		P	P	19 59 57.7 +3.6
CCB	Clear Creek Bu	60.98 336	Iamb	Iamb	20 00 23.3
CCB	comp=Z,406nm,1.3s		P	P	19 59 57.6 +1.1
MCK	McKinley	61.02 335	P	P	20 08 10.9 +3.1
MCK	baz=115,SNR=44		S	S	20 08 10.9 +3.1
CUT	Chulitna	61.04 334	P	P	19 59 57.7 +1.3
CUT	baz=113,SNR=28		S	S	20 08 09.8 +1.9
CUT	baz=113		S	S	20 08 09.8 +1.9
POKR	Poker Plat Res	61.05 337	Iamb	Iamb	20 00 24.2
POKR	comp=Z,434nm,1.1s		P	P	20 09 57.7 +1.2
POKR	Poker Plat Res	61.05 337	P	P	19 59 57.7 +1.2
POKR	baz=117,SNR=52		S	S	20 08 11.0 +3.0
KIP	Kipapa	61.09 286	P	P	19 59 57.8 +0.2
KIP	comp=Z,1um,1.4s		pmax	pmax	19 59 57.8 +0.2
KIP	Kipapa	61.09 286	P	P	19 59 57.8 +0.2
KIP	Kipapa	61.09 286	P	P	19 59 58.5 +1.0
KIP	Kipapa	61.09 286	P	P	19 59 58.7 +1.2
COLA	College	61.09 337	iP	iP	19 59 57.5 +0.7
COLA	comp=Z,149nm,0.9s		pmax	pmax	19 59 57.4 +0.7
COLA	College	61.09 337	iP	iP	19 59 57.2 +0.4
COLA	College	61.09 337	Iamb	Iamb	20 00 23.4
COLA	comp=Z,456nm,1.1s		P	P	19 59 57.5 +0.7
COLA	baz=116		S	S	20 08 10.3 +1.7
TCOL	CIGO, UAF Yank	61.10 337	Iamb	Iamb	20 00 23.4
TCOL	comp=Z,55nm,0.5s		Iamb	Iamb	20 00 23.4
TCOL	CIGO, UAF Yank	61.10 337	P	P	19 59 57.5 +0.7
TCOL	baz=116,SNR=36		S	S	20 08 10.8 +2.2
O20K	Slope Mountain	61.26 331	P	P	19 59 58.7 +0.6
O20K	baz=116		S	S	20 08 15.7 +4.7
O20K	Slope Mountain	61.26 331	P	P	20 00 24.1
Q19K	Cape Douglas,	61.38 329	P	P	20 00 00.1 +1.2
Q19K	baz=108		S	S	20 08 17.3 +4.8
P19K	Oil Pt	61.41			

KMY	Karmoy	81.00	31	↑P	P	20 01 59.8	+2.6
AKN	Aaknes	81.01	28	↑P	P	20 01 57.6	+0.4
AKN				IvM	B	20 01 59.3	
AKN	comp-Z,5µm,2.3s			eS	S	20 12 03.1	+4.2
AKN				IVMs_BB	IVMs_BB	20 30 00.5	
HOPEN	Hopen	81.11	12	↑P	P	20 01 59.0	+1.5
HOPEN				IvM	B	20 01 59.5	
HOPEN	comp-Z,17µm,4.0s			eS	S	20 12 02.9	+3.5
HOPEN				IVMs_BB	IVMs_BB	20 38 17.2	
MOL	Molde	81.14	27	↑P	P	20 01 58.7	+0.9
MOL				IvM	B	20 02 02.3	
MOL	comp-Z,6µm,4.6s			eS	S	20 12 07.7	+7.6
MOL				IVMs_BB	IVMs_BB	20 30 07.7	
ODD1	Odda	81.49	30	eP	P	20 02 01.9	+2.1
ODD1				IvM	B	20 02 04.1	
ODD1	comp-Z,7µm,3.5s			eS	S	20 12 05.8	+1.9
BLSS	Blasjo	81.54	31	↑P	P	20 02 01.0	+0.9
BLSS				IvM	B	20 02 04.4	
BLSS				eS	S	20 12 05.9	+1.5
BLSS				IVMs_BB	IVMs_BB	20 29 47.1	
H10N3	ASCENSION HYDR81.60	101		P	P	20 02 02.3	+1.5
H10N2	ASCENSION HYDR81.61	101		P	P	20 02 02.3	+1.5
H10N1	ASCENSION HYDR81.62	101		P	P	20 02 02.4	+1.5
LOF	Lofoten	81.68	21	↑P	P	20 02 01.4	+0.8
LOF				IvM	B	20 02 02.6	
LOF	comp-Z,15µm,3.8s			eS	S	20 12 10.9	+5.4
LOF				IVMs_BB	IVMs_BB	20 31 30.4	
DOMB	Dombas	81.98	28	↑P	P	20 02 03.2	+0.9
DOMB				IvM	B	20 02 04.6	
DOMB	comp-Z,9µm,4.3s			eS	S	20 12 10.3	+1.5
DOMB				IVMs_BB	IVMs_BB	20 30 31.6	
JBK	JBK	82.01	57	P	P	20 02 02.0	-1.3
SKAR	Skarslia	82.06	29	↑P	P	20 02 03.4	+0.6
SKAR				IvM	B	20 02 06.8	
SKAR	comp-Z,7µm,5.0s			eS	S	20 12 11.9	+2.2
SKAR				IVMs_BB	IVMs_BB	20 30 07.6	
TBLU	Trondheim	82.11	26	↑P	P	20 02 04.2	+1.2
TBLU				IvM	B	20 02 05.5	
TBLU	comp-Z,7µm,2.3s			eS	S	20 12 11.2	+1.1
TBLU				IVMs_BB	IVMs_BB	20 30 32.3	
KONS	Konsvik	82.13	23	↑P	P	20 02 04.7	+1.7
STOK	Stokkvaagen	82.15	23	eP	P	20 02 06.5	+3.4
CLF	Chambon-Forêt	82.21	42	IvM	A	20 03 10.9	
SNART	Snatremo	82.23	32	iP	P	20 02 04.5	+0.8
SNART	Snatremo	82.23	32	eP	P	20 02 05.7	+2.0
SNART				eS	S	20 12 11.2	-0.2
STEI	Steigen	82.35	21	↑P	P	20 02 05.3	+1.3
STEI				IvM	B	20 02 06.4	
STEI	comp-Z,16µm,4.1s			eS	S	20 12 16.4	+4.1
STEI				IVMs_BB	IVMs_BB	20 32 58.8	
NSS	Namsos	82.39	25	↑P	P	20 02 05.4	+1.0
NSS				eS	S	20 12 18.3	+5.5
NSS				IVMs_BB	IVMs_BB	20 31 10.6	
CART	Cartagena	82.47	53	P	P	20 02 03.2	-2.1
FAUS	Fauske	82.58	22	↑P	P	20 02 06.4	+1.1
FAUS				IvM	B	20 02 07.5	
FAUS	comp-Z,11µm,3.3s			eS	S	20 12 16.4	+1.7
FAUS				IVMs_BB	IVMs_BB	20 31 56.5	
MOR8	Moi Rana	82.75	23	↑P	P	20 02 07.3	+1.1
MOR8				IvM	B	20 02 08.8	
MOR8	comp-Z,13µm,3.7s			eS	S	20 12 19.2	+2.8
MOR8				IVMs_BB	IVMs_BB	20 34 48.8	
TDR	Tendrarå	82.75	58	P	P	20 02 07.0	-0.2
UCC	Uccle	82.80	39	eP	P	20 02 05.3	-1.5
SNF	Senefte	82.83	40	dP	P	20 02 06.0	-0.9
TRO	Tromsø	82.86	19	↑P	P	20 02 08.4	+1.7
TRO				IvM	B	20 02 09.2	
TRO	comp-Z,18µm,2.3s			eS	S	20 12 18.8	+1.4
TRO				IVMs_BB	IVMs_BB	20 36 27.6	
HOMB	Homborsund	82.91	31	iP	P	20 02 09.0	+1.9
HOMB	Homborsund	82.91	31	↑P	P	20 02 08.0	+0.9
HOMB				IvM	B	20 02 09.4	
HOMB	comp-Z,8µm,3.3s			eS	S	20 12 20.5	+2.2
HOMB				IVMs_BB	IVMs_BB	20 30 21.8	
KONO	Kongsberg	83.00	30	eP	P	20 02 08.1	+0.5
KONO				pm	pm		
KONO	comp-Z,544nm,2.5s			iP	P	20 02 08.7	+1.1
KONO				IvM	B	20 02 10.0	
KONO				eS	S	20 12 22.2	+3.0
KONO				IVMs_BB	IVMs_BB	20 30 30.6	
KONO	comp-Z,9µm,39.4s			eS	S	20 02 07.5	-0.1
KONO				IvM	B	20 02 11.3	
NC204	NORSAR Array S	83.00	28	IvM	A	20 03 02.8	
NOB00	NORSAR Array S	83.09	28	IvM	A	20 03 00.1	
DOU	Dourbes	83.14	40	bP	P	20 02 07.7	-0.8
BMR	Maredsous	83.19	40	dP	P	20 02 08.5	-0.3
NAO01	NORSAR Array S	83.20	29	IvM	A	20 03 04.1	
NB2	NORSAR Subarra	83.28	28	P	P	20 02 09.5	+0.3
NB2	NORSAR Subarra	83.28	28	P	P	20 02 09.5	+0.3
NOA	NORSAR Array B	83.28	28	P	P	20 02 08.3	-0.8
NOA				PKKPbc	PKKPbc	20 20 29.2	-1.3
NOA	comp-Z,2.7nm,0.8s,baz=100,slow=3.8,SNR=6.0			P	P	20 28 31.2	-4.0
NOA	comp-Z,0.7nm,0.9s,baz=105,slow=2.6,SNR=2.3			LR	LR	20 36 40.9	
NC303	NORSAR Array S	83.29	28	IvM	A	20 02 12.6	
NB201	NORSAR Array S	83.32	28	IvM	A	20 02 14.9	
PMSA	Palmer Station	83.36	168	eP	P	20 02 10.6	+1.5
PMSA	Palmer Station	83.36	168	P	P	20 02 10.2	+1.0
JETT	Jettan, Norway	83.36	19	eP	P	20 02 12.3	+3.1
JETT				eS	S	20 12 23.7	+1.1
BGES	Gesves	83.36	40	dP	P	20 02 09.0	-0.7
OSL	Oslo	83.44	29	↑P	P	20 02 11.0	+1.1
OSL				IvM	B	20 12 23.4	-0.2
OSL				IVMs_BB	IVMs_BB	20 30 43.2	
BCLA	Clavier	83.48	40	kP	P	20 02 09.9	-0.4
NC405	NORSAR Array S	83.49	28	IvM	A	20 02 14.6	
RCHB	Rochefort	83.51	40	dP	P	20 02 09.6	-0.9
NC602	NORSAR Array S	83.54	29	↑P	P	20 02 11.4	+1.0
NC602				IvM	B	20 02 14.4	

NC602				eS	S	20 12 24.6	0.0
NC602				IVMs_BB	IVMs_BB	20 30 46.2	
BSTI	Sart Tilman	83.60	39	dP	P	20 02 10.6	-0.3
BEBN	Eben Emael	83.60	39	dP	P	20 02 10.3	-0.6
GOET	G??ttrup	83.67	32	iP	P	20 02 12.8	+1.7
GOET				IvM	B	20 02 16.2	
ODJA	Bouhanifia	83.69	55	P	P	20 02 14.0	+2.2
HAMF	Hammerfest	83.81	17	↑P	P	20 02 12.4	+0.9
HAMF				eS	S	20 12 24.7	-2.3
HAMF				IVMs_BB	IVMs_BB	20 31 11.5	
ESPZ	Base Esperanza	83.82	164	IvM	A	20 02 15.7	
MUD	Monsted U'gds	83.83	33	iP	P	20 02 13.5	+1.6
MUD				IvM	B	20 02 15.6	
MEM	Membach	83.86	39	dP	P	20 02 11.8	-0.4
BHOH	Houveigne	83.93	39	dP	P	20 02 12.2	-0.4
BTNL	Ternelle	83.94	39	dP	P	20 02 12.0	-0.7
STRU	Stroemstad	83.97	30	iP	P	20 02 14.2	+1.6
OJBR	Djebel Guires	84.36	55	P	P	20 02 15.0	+1.5
OKGL	Okf Gue	84.14	54	P	P	20 02 17.0	+3.0
WLF	Walferdange	84.23	40	dP	P	20 02 14.0	-0.1
WLF				eS	S	20 02 13.9	-0.2
OJGS	Basche	84.36	55	P	P	20 02 11.0	-4.2
BUG	Bochum-Universität	84.37	38	eP	P	20 02 14.4	-0.3
IBBN	Ibbenburen	84.38	37	eP	P	20 02 14.7	-0.2
KTK1	Kautokeino	84.50	19	↑P	P	20 02 16.0	+0.8
KTK1				IvM	B	20 02 16.8	
KTK1				eS	S	20 12 29.0	-5.1
KTK1				IVMs_BB	IVMs_BB	20 37 14.4	
AHRW	Bad Neuenahr-A	84.53	39	eP	P	20 02 15.6	0.0
TJOJ	Tjoern	84.54	31	iP	P	20 02 16.8	+1.3
HOPE	Hope Point	84.88	150	P	P	20 02 18.1	+1.0
HOPE				pm	pm		
HOPE	comp-Z,399nm,1.0s			eS	S	20 02 18.1	+1.0
HOPE				IvM	B	20 02 47.6	
ONAU	Onsala	84.92	32	iP	P	20 02 18.7	+1.3
ARAO	ARCESS Array S	84.92	181	iP	P	20 02 18.0	+0.7
ARCES	ARCESS Array B	84.92	18	P	P	20 02 17.7	+0.4
ARCES	comp-Z,224nm,0.7s,baz=289,slow=4.2,SNR=480			PKKPbc	PKKPbc	20 02 40.0	-1.8
ARCES	comp-Z,288nm,1.1s,baz=321,slow=13,SNR=1.9			PKKPbc	PKKPbc	20 02 26.1	-0.9
ARCES	comp-Z,6.4nm,0.9s,baz=106,slow=2.6,SNR=9.9			LR	LR	20 40 48.1	
ARCES	comp-Z,9µm,20.1s,baz=285,slow=36			IvM	A	20 02 22.0	
RETH	Rethem/Aller	85.17	37	eP	P	20 02 19.3	+0.6
RETH				eS	S	20 02 19.3	+0.6
RETH	comp-Z,1µm,1.8s,baz=290,slow=4.9			eX	eX	20 49 02.3	
KEV	Kevo	85.24	18	P	P	20 02 19.2	+0.4
KEV				pm	pm		
KEV	comp-Z,203nm,0.6s			IvM	B	20 02 19.1	+0.4
KEV				IvM	B	20 02 21.8	
BORU	Bore	85.26	31	iP	P	20 02 19.0	-0.1
BORG	Bad Segeberg	85.30	35	eP	P	20 02 19.7	+0.4
TNS	Tanus Mts	85.46	39	eP	P	20 02 20.2	-0.2
FABU	Falkenberg	85.47	32	iP	P	20 02 20.4	+0.2
ORCD	Orcadas	85.58	158	P	P	20 02 20.8	+0.4
ORCD				IvM	B	20 02 48.2	
KOWA	Kowa	85.63	76	P	P	20 02 20.6	-1.2
KOWA				eS	S	20 02 21.5	+0.3
NRDL	Niedersach Rie	85.67	37	eP	P	20 02 20.5	+0.3
NRDL				eX	eX	20 49 03.5	
SMAI	San Martin Ant	85.81	170	P	P	20 02 21.6	+0.2
COP	Copenhagen	85.81	33	iP	P	20 02 22.9	+1.0
COP				IvM	B	20 02 24.9	
GTGG	Gottlingen	85.92	38	eP	P	20 02 22.8	+0.2
BFO	Black Forest	86.01	41	P	P	20 02 21.9	-1.2
BFO				pm	pm		
BFO	comp-Z,133nm,1.1s			eP	P	20 02 22.2	-0.9
BFO				eS	S	20 02 21.9	-1.2
BFO				CLZ	CLZ	20 02 23.6	+0.3
CLZ	comp-Z,706nm,1.9s,baz=290,slow=4.9			eX	eX	20 49 07.4	
ASSE	Asse, Remlinge	86.13	37	eP	P	20 02 23.8	+0.4
UBBA	Unterziebach	86.20	38	eP	P	20 02 23.9	+0.1
UBBA				eX	eX	20 49 05.6	
DEL	Delary	86.26	32	iP	P	20 02 23.6	-0.5
LUNU	Lund	86.37	33	iP	P	20 02 25.2	+0.6
FLTG	Flechtingen	86.38	36	eP	P	20 02 24.5	-0.3
STU	Stuttgart	86.40	40	eP	P	20 02 24.5	-0.5
SEY	Seyman	86.43	30	eP	P	20 02 26.0	+0.5

JMA 17 21:31:37.3:0.3,47:32N:147:37E,h501km,M5.3
 JMA Feil II J1
 SKHL 17 21:31:38.7:0.4,47:70N:147:20E,h471km,10km,
 mb6.0/18,mbv5.7/5,ms5.9/6,msha6.2/15
 MOS 17 21:31:38.4:0.9,47:96N:146:90E,h450km,mb5.3/4.7,
 Error ellipse: s-maj=6.0km s-min=4.2km az=101.8
 IDC 17 21:31:39.4:0.5,47:94N:146:91E,h450km,4km,mb4.7/6.5,
 mb1.4/7.75,mb1mx4.7/8.3,mbimp5.5/7.5,Error ellipse:
 s-maj=5.4km s-min=5.0km az=142.0
 NEIC 17 21:31:39.6:1.7,47:97N:0:08:146:9E:0:1,h443km,4km,
 mb5.4/7.52,Error ellipse: s-maj=12.6km s-min=10.8km
 az=128.0
 BGR 17 21:31:51.0:0.0,49:23N:145:36E,h469km,mb5.7,
 mB_BB5.9
 ISC 17 21:39.3:0.3,47.97N:0.03:146.97E:0.03,h403km,2km,
 h443km:pP,n1762,c1929/1699,mb5.6/610,632C-187D,
 Fault plane solution: NP1:phi_144.24944°,delta_69.68125°,
 lambda_86.62464°. NP2:phi_330.91336°,delta_80.48828°,lambda_74.918°.
 Principal axes: T Plg75.0812°,Az44.9432°;N
 Plg2.9133°,Az45.9548°;P Plg14.6185°,
 Azm236.7154°; Northwest of Kuril Islands

Code	Station Name	Delta A	Delta Z	Phase ID	ISC	Op	h	m	s	ISC	Time	Res
KUR	Kuril'sk	2.74	167	i/P	P	AMB	21	32	43.4	-1.1		
KUR	comp=E,511nm,0.5s			pmax	pmax							
KUR	comp=Z,5um,0.5s			pmax	pmax							
KUR	comp=N,294nm,0.4s			pmax	pmax							
KUR	comp=Z,14um,1.4s			smax	smax							
KUR	comp=E,11um,3.2s			smax	smax							
KUR	comp=N,8um,2.1s			smax	smax							
KUR	comp=N,721nm,0.6s			smax	smax							
KUR	comp=E,182nm,0.3s	2.74	167	i/P	P	AMB	21	32	43.4	-1.1		
KUR	comp=E,5um,0.5s			AMB	AMB							
KUR	comp=E,14um,2.0s			i/S	A							
KUR	comp=E,8um,3.0s			A	A							
KUR	comp=E,11um,3.0s			A	A							
KUR	comp=E,720nm,0.6s			A	A							
KUR	comp=E,180nm,0.6s	3.02	253	e/PN	P							
YSS	Yuzh-Sakhalins	3.02	253	e/PN	P							
YSS	comp=Z,3um,0.9s			smax	smax							
YSS	comp=N,3um,1.2s			smax	smax							
YSS	comp=E,2um,1.4s			MLR	MLR							
YSS	comp=Z,2um,10.0s	3.02	253	e/P	P	AMB	21	32	47.6	+1.2		
YSS	Yuzh-Sakhalins	3.02	253	e/P	P	AMB	21	32	48.0			
YSS	comp=Z,3um,0.9s			AMB	AMB							
YSS	comp=Z,6um,4.0s			e/S	A							
YSS	comp=Z,3um,1.0s			A	A							
YSS	comp=Z,2um,1.0s			A	A							
YSS	comp=Z,19um,5.0s			AMS	AMS							
YSS	comp=Z,2um,10.0s	3.02	253	P	P							
YSS	Yuzh-Sakhalins	3.02	253	S	S							
YSS	Yuzh-Sakhalins	3.02	253	i/PN	P							
UGL	UGL	3.47	292	e/S	S							
UGL	comp=Z,2um,1.2s			pmax	pmax							
UGL	comp=Z,2um,1.0s			pmax	pmax							
UGL	comp=N,2um,0.8s			smax	smax							
UGL	comp=E,19um,4.9s			smax	smax							
UGL	comp=E,4um,1.5s			smax	smax							
UGL	comp=N,5um,4.0s			smax	smax							
UGL	Uglegorsk	3.47	292	i/P	P	AMB	21	32	51.1	+1.3		
UGL	comp=N,2um,2.0s			AMB	AMB							
UGL	comp=N,2um,1.0s			e/S	A							
UGL	comp=N,2um,0.8s			A	A							
UGL	comp=N,4um,0.8s			A	A							
UGL	comp=N,5um,5.0s			A	A							
UGL	comp=N,19um,5.0s	3.94	192	i/PN	P							
YUK	Yuzh-Kuril'sk	3.94	192	i/PN	P							
YUK	comp=Z,6um,1.2s			pmax	pmax							
YUK	comp=N,849nm,0.6s			pmax	pmax							
YUK	comp=Z,2um,0.6s			pmax	pmax							
YUK	comp=E,881nm,0.3s			smax	smax							
YUK	comp=N,10um,1.9s			smax	smax							
YUK	comp=E,8um,1.5s			smax	smax							
YUK	comp=N,3um,0.6s			smax	smax							
YUK	comp=E,4um,0.5s	3.94	192	i/P	P	AMB	21	32	52.1	-1.9		
YUK	comp=E,6um,2.0s			AMB	AMB							
YUK	comp=E,850nm,0.6s			AMB	AMB							
YUK	comp=E,880nm,0.6s			AMB	AMB							
YUK	comp=E,2um,0.6s			i/S	A							
YUK	comp=E,10um,2.0s			A	A							
YUK	comp=E,8um,2.0s			A	A							
YUK	comp=E,3um,0.6s			A	A							
YUK	comp=E,4um,0.6s	4.03	181	i/PN	P							
SHO	Shikotan	4.03	181	i/PN	P							
SHO	comp=N,2um,0.4s			pmax	pmax							
SHO	comp=Z,5um,0.4s			pmax	pmax							
SHO	comp=E,540nm,0.2s	4.03	181	i/P	P	AMB	21	32	50.7	-4.1		
SHO	comp=E,5um,0.4s			i/S	A							
SHO	comp=E,2um,0.5s			A	A							
SHO	comp=E,4um,0.5s	4.09	318	e/PN	P							
TYV	Tymovskoe	4.09	318	e/S	S							

TYV	comp=Z,200nm,2.4s			pmax	pmax							
TYV	comp=Z,239nm,1.8s			pmax	pmax							
TYV	comp=N,1um,0.1s			smax	smax							
TYV	comp=N,1um,1.1s			smax	smax							
TYV	comp=N,6um,2.8s			smax	smax							
TYV	comp=N,3um,2.8s			smax	smax							
TYV	Tymovskoe	4.09	318	e/P	P	AMB	21	32	56.8	+1.7		
TYV	comp=E,200nm,2.0s			AMB	AMB							
TYV	comp=E,240nm,0.8s			e/S	A							
TYV	comp=E,1um,1.0s			A	A							
TYV	comp=E,1um,1.0s			A	A							
TYV	comp=E,1um,1.0s			A	A							
TYV	comp=E,6um,3.0s			A	A							
JYA	comp=E,3um,3.0s	4.17	199	P	P							
Rausu	comp=E,3um,3.0s	4.17	199	P	P							
JSE	Soyaes	4.22	228	i/P	P							
JSE	Golovnino	4.28	194	i/PN	P							
GLVR	comp=Z,6um,0.5s			pmax	pmax							
GLVR	comp=E,414nm,0.6s			pmax	pmax							
GLVR	comp=E,12um,1.9s			smax	smax							
GLVR	comp=N,12um,1.6s			smax	smax							
GLVR	comp=N,8um,0.4s			smax	smax							
GLVR	comp=E,4um,0.3s	4.28	194	i/P	P	AMB	21	32	54.9	-2.1		
GLVR	comp=E,6um,0.5s			i/S	A							
GLVR	comp=E,12um,2.0s			A	A							
GLVR	comp=E,12um,2.0s			A	A							
GLVR	comp=E,8um,0.4s			A	A							
GLVR	comp=E,4um,0.4s			A	A							
JNSB	Nemuroshibetsu	4.35	199	P	P							
JWK2	Keihoku	4.35	235	P	P							
JWK2	Abashiri-Toko	4.47	210	i/P	P							
JTKR	Nemuro-Hokkai	4.61	191	i/PN	P							
JTKR	Nemuro-Hokkai	4.61	191	i/P	P							
NMR	Nemuro	4.62	191	i/S	S							
NMR	Nemuro	4.62	191	i/S	S							
NEM2	Nemuro 2	4.62	191	i/S	S							
NEJM	Rebuntou	4.76	241	i/P	P							
JRBN	Kamikawa-asahi	4.86	220	P	P							
JKA	Kamikawa-asahi	4.86	220	P	P							
JKA	Kamikawa-asahi	4.86	220	P	P							
JKA	Asahikawa	4.86	220	P	P							
ASAJ	Asahikawa	4.86	220	P	P							
ASAJ	Asahikawa	4.86	220	P	P							
ASAJ	Kushirohamanaka	4.98	195	P	P							
JKH	Kamakawa 2	4.99	218	i/P	P							
JKK2	Akkeshi	5.11	198	e/S	S							
AKK	Ashorobuto	5.12	207	i/P	P							
JAR	Agkeshi	5.16	199	i/P	P							
JAR	Yagishiri	5.19	230	P	P							
JAR	Onbets	5.46	205	i/P	P							
JHR	Hokuryu	5.54	223	P	P							
JHR	Furan	5.65	215	P	P							
JFR	Churui	5.87	207	P	P							
JCH	Urakawa-nobuka											

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like KIV, KISLOVODSK, KIBZ, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like RRX, TCRU, FABU, HOMB, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like BANOM, SHME, SIRT, DZM, etc.

17d 21h

2015 DEC

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like PSA00 Pihlbara Seismi, BSY Bisyra, ALNE Al Ain, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like WERD Werda, STFAR Stefanesti-Arg, G40A Rib Lake, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MOA Mollin, CWF Charwood, WME Myrdland Eilif, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like La Serena, El Roble, San Esteban, Curacav, Peidehue, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Washetta, Mt Pleasant, Wmorc Wichita Mounta, Jarrell, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Chvalec, Uptice, Moravsky, Cervenica-Dubs, etc.

IDC 17 22:55:13.8-1.4, 11°22'N-145°52'E, h0km, mb3.6/4, mb1.3/9.5, mb1mx3.3/4.5, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=56.4km s-min=29.1km az=98.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like GUMO, WRA, ZALV, ILAR, YKA.

IDC 17 22:56:11.6-0.8, 30°78'S-71°60'W, h0km, mb4.2/7, mb1.4/3.12, mb1mx1.1/2.7, mbtmp4.1/12, ML3.9/5, Error ellipse: s-maj=25.1km s-min=23.7km az=50.0

SJA 17 22:56:13.4-0.8, 30°56'S-71°82'W, h13km, 3km, ML4.3, MW4.1, GUC 17 22:56:16.9-0.6, 30°63'S-71°66'W, h41km, 1km, ML4.3, NEIC 17 22:56:17.9-1.4, 30°60'S-71°66'W, h33km, 7km, mb4.1/5, Mkw4.1/28, ML4.3(GUC), Error ellipse: s-maj=10.8km s-min=4.7km az=78.0

NEIC 17 22:56:18.306'S-71°62'W, h38km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr1.28; Mw0.32; Mw-1.60; Mw0.56; Mw0.20; Mw-0.30; Fault plane solution: M1:6100x10^15 NP1:152.77000°, 56.24000°, 162.17000°. NP2:16.30000°, 54.26000°, 124.93000°. Principal axes: T: 1.5488, P: 66.60000°, Azm: 9.0000°, N: 0.1204, P: 23.0000°, Azm: 169.0000°, P: 1.6692, P: 7.0000°, Azm: 262.0000°. ISC 17 22:56:16.8-0.7, 30°57'S-0°03'-71°79'W, h32km, 4km, h1.1, s1994/143, mb4.3/10, 3C-32, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Fray Jorge, La Serena, Tololo Observa, etc.

IDC 17 22:27:46.8-47.0, 27°37'S-177°60'W, h0km, mb3.8/3, mb1.3/9.5, mb1mx3.3/2.5, mbtmp3.8/3, Error ellipse: s-maj=86.9km s-min=170.1km az=93.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Stephens Creek, Alice Springs, Warramunga Arr, etc.

VIE 17 22:30:02.7-0.9, 50°22'N-18°89'E, h0km, mb2.2/3, ml2.2/2, ms3.5/1, Error ellipse: s-maj=7.7km s-min=5.3km az=174.0, 7 km WSW of Katowice Suspected Mining induced.

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Ojcow, Ostrava-Krasne, Moravsky, etc.

PRU 17 22:30:03.6-0.0, 50°22'N-18°90'E, h0km, ISC 17 22:30:02.7-0.9, 50°22'N-18°94'E-0°02', h0km, n23, 0°92/38, Poland

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Ojcow, Ostrava-Krasne, Moravsky, etc.

AROD Rodeo, AROD Cuesta del Vie, ACDOV, ACDOV, ACCO Cerro Coronel, VA03 San Esteban, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Rodeo, Cuesta del Vie, Cerro Coronel, San Esteban, etc.

ANF 17 22:29:55.8-0.3, 32°97'N-97°31'W, h5km, ML3.5/9, Error ellipse: s-maj=3.6km s-min=2.5km az=109.0, NEIC 17 22:29:55.7-1.1, 32°97'N-97°34'W, h0.2, h5km, 1km, mb_Lg3.0/5.7, Error ellipse: s-maj=4.3km s-min=2.8km az=22.0

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

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Vyhne, Vranov, Ostrava, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like Zonda, Renca, Cerro Valdivia, Santo Domingo, Copiap, Talagante, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like Papeete, Villa Florida, LPaz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GAZI Gazipasa, DALY Dalyan (Mula), KKB Karaman, Kazim, KIZD Kizilci, GEDZ Gediz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, ULM Lac du Bonnet, FINES FINESSE Array B, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANOY Anoyia, LSTV Lastovo, LSTV Lastovo, ZAVO Zavoj, etc.

IDC 18 01:17:25.3.1, 5:30S:130.55E, h52km, 39km, mb3.5/2, mb1 3.8/6, mb1mx3.4/32, mbtmp3.9/6, ML3.8/4, Error ellipse: s-maj=76.1km s-min=22.4km az=88.0

THE 18 01:34:48.4, 38:55N-20:45E, h11km, 1km, ML3.3/7, Error ellipse: s-maj=1.6km s-min=0.8km az=272.0

IDC 18 01:26:7.0, 8:52BS:106.130E:0.1, h100km, n14, c360/17, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, SAUI Saumlaki, FAKI Fak Fak, SIJI Sorong, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ABTA Abfattersbach, ABTA Abfattersbach, MOA Molin, etc.

IDC 18 01:23:33.8-1.7, 4:19S:129:33E, h0km, mb3.5/1, mb1 3.9/4, mb1mx3.4/43, mbtmp3.7/4, ML3.4/3, Error ellipse: s-maj=58.9km s-min=27.4km az=84.0, Banda Sea

THE 18 01:34:48.4, 38:55N-20:45E, h11km, 1km, ML3.3/7, Error ellipse: s-maj=1.6km s-min=0.8km az=272.0

IDC 18 02:00:19.13.5, 16:20S:132:02E, h0km, mb1 3.5/4, mb1mx3.1/29, mbtmp3.3/4, ML3.4/3, Error ellipse: s-maj=32.4km s-min=18.6km az=11.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VTN Vitineika, LTHK Lithakia, LTHK Lithakia, etc.

AUST 18 02:00:20.9-3.7, 16:29S:132:06E, h8km, 26km, Error ellipse: s-maj=11.3km s-min=9.5km az=64.0

IDC 18 01:33:25.7-1.0, 7:30N:154:32W, h0km, mb3.5/9, mb1 3.9/12, mb1mx3.6/55, mbtmp3.6/12, ML3.3/3, MS3.3/18, Ms1 3.3/18, ms1mx3.2/37, Error ellipse: s-maj=25.8km s-min=18.3km az=158.0

THE 18 01:34:48.4, 38:55N-20:45E, h11km, 1km, ML3.3/7, Error ellipse: s-maj=1.6km s-min=0.8km az=272.0

IDC 18 02:00:20.7-0.8, 16:25S:131:99E:0.05, h10km, n18, c25/20, Northern Territory

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UPNV Upernavik, NEEM North Greenland, SUMG Summit, TULEG Thule, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AUKAT Katherine High, AUKAT Katherine High, KNRA Kunurra, etc.

RSRP 18 02:00:32.9, 19:70N:65:58W, h33km, 13km, MD3.3/7, 7C-1D, Puerto Rico region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
FNO	Franklin	1.04	175	Pg	02 35 23.5	-0.5
KAN12	Winter Ranch	1.08	39	Pg	02 35 24.1	-0.7
U32A	Winter Ranch	1.20	275	Pg	02 35 25.6	-1.6
U32A	Winter Ranch	1.20	275	P	02 35 26.2	-1.1
W35A	Tecumseh	1.25	155	Pn	02 35 26.7	-1.4
TUL1	Leonard	1.45	105	Pn	02 35 30.3	-0.4
TUL1	Leonard	1.45	105	Pn	02 35 30.2	-0.4
TUL1	baz=286			S	02 35 50.0	+0.1
X34A	Smith Ranch, M	1.71	189	Pn	02 35 34.9	+0.7
LOOK	Love County	2.31	173	Pn	02 35 43.2	+0.7
R32A	Long Quarter	2.33	336	Pn	02 35 44.2	+1.3
R32A	Long Quarter	2.33	336	S	02 36 12.6	+0.8
X37A	Clayton	2.44	134	Pn	02 35 45.1	+0.8
X37A	Clayton	2.44	134	Pn	02 35 45.2	+0.9
U38A	Gravette	2.53	86	Pn	02 35 47.2	+1.6
HHAR	Hobbs	2.89	89	Pn	02 35 51.5	+1.0
KSU1	Kansas State U	2.90	14	Pn	02 35 52.0	+1.4
Z35A	Perchaven, San	2.96	176	Pn	02 35 51.9	+0.4
Z35A	Perchaven, San	2.96	176	Sn	02 36 29.3	+2.0
CBKS	Cedar Bluff	3.08	326	Pn	02 35 53.6	+0.5
W39A	Magazine	3.23	109	Pn	02 35 55.4	+0.3
W39A	Magazine	3.23	109	Iamb_Lg	02 36 59.2	
W39A	Magazine	3.23	109	P	02 35 55.8	+0.7
S39A	Bolivar	3.63	66	Pn	02 36 01.2	+0.5
S39A	Bolivar	3.63	66	Iamb_Lg	02 36 59.2	
S39A	Bolivar	3.63	66	P	02 36 00.9	+0.1
MIAR	Mount Ida	3.66	117	Pn	02 36 01.4	+0.4
MIAR	Mount Ida	3.66	117	Pn	02 36 01.8	+0.7
Z38A	Mt. Pleasant	3.67	145	Pn	02 36 01.2	0.0
Z38A	Mt. Pleasant	3.67	145	Iamb_Lg	02 37 08.2	
AMTX	Amarillo	3.67	249	Pn	02 36 02.0	+0.6
AMTX	Amarillo	3.67	249	Iamb_Lg	02 37 00.9	
U40A	Yellville	3.76	88	Pn	02 36 03.6	+1.0
ABTX	Abiene, Hawle	4.02	206	Pn	02 36 06.7	+0.1
X40A	Basin Creek Fa	4.22	114	Pn	02 36 08.5	-0.3
X40A	Basin Creek Fa	4.22	114	Iamb_Lg	02 37 22.9	
MGMO	Mountain Grove	4.30	77	Pn	02 36 09.7	-0.3
MGMO	Mountain Grove	4.30	77	Iamb_Lg	02 37 24.1	
WHAR	Woody Hollow	4.36	102	Pn	02 36 10.9	+0.2
FCAR	Ozark Folk Cen	4.38	94	Pn	02 36 12.3	+1.3
WLAR	White Oak Lake	4.45	124	Pn	02 36 13.1	+1.2
WLAR	White Oak Lake	4.45	124	Iamb_Lg	02 37 36.6	
Z37A	Washetta, Mont	4.51	161	Pn	02 36 11.3	-1.4
P38A	Dawn	4.58	42	Pn	02 36 14.1	+0.4
P38A	Dawn	4.58	42	Iamb_Lg	02 37 29.1	
R40A	Maddies Statio	4.63	63	Pn	02 36 14.3	-0.2
R40A	Maddies Statio	4.63	63	P	02 36 14.9	+0.4
N35A	Tabor	4.79	17	Pn	02 36 16.8	+0.2
K35A	Kaye Shedlock	4.88	305	Pn	02 36 18.5	+0.5
K35A	Kaye Shedlock	4.88	305	Iamb_Lg	02 37 48.7	
MSTX	Nacodoches	4.89	243	Pn	02 36 19.2	+1.0
NATX	Nacodoches	5.10	152	Iamb_Lg	02 37 57.2	
BGNE	Belgrade	5.13	355	Pn	02 36 21.3	-0.1
BGNE	Belgrade	5.13	355	Iamb_Lg	02 37 59.7	
LCAR	Lake Charles	5.15	91	Pn	02 36 21.4	-0.2
LCAR	Lake Charles	5.15	91	Iamb_Lg	02 37 51.6	
T42A	Van Buren	5.21	80	Pn	02 36 22.8	+0.3
T42A	Van Buren	5.21	80	Iamb_Lg	02 37 53.9	
CCAR	Cane Creek	5.27	115	Iamb_Lg	02 37 58.2	
CCM	Cathedral Cave	5.31	69	Pn	02 36 24.4	+0.6
CCM	Cathedral Cave	5.31	69	Iamb_Lg	02 37 51.6	
P40A	Paris	5.40	52	Pn	02 36 25.4	+0.4
P40A	Paris	5.40	52	Iamb_Lg	02 38 02.5	
T25A	Trinidad	5.61	281	Pn	02 36 26.6	-1.4
T25A	Trinidad	5.61	281	Iamb_Lg	02 38 04.3	
N38A	Joess South For	5.61	35	Pn	02 36 28.5	+0.7
N38A	Joess South For	5.61	35	Iamb_Lg	02 38 12.7	
N38A	Joess South For	5.61	35	Pn	02 38 05.9	
HBAR	Harrisburg	5.61	96	Iamb_Lg	02 38 09.5	
PBMO	Poplar Bluff	5.72	83	Iamb_Lg	02 38 09.5	
L34A	Svensden Farm,	5.74	9	Pn	02 36 29.5	-0.1
L34A	Svensden Farm,	5.74	9	Iamb_Lg	02 38 06.3	
OGNE	Ogallala	5.84	324	Pn	02 36 31.5	+0.4
OGNE	Ogallala	5.84	324	Iamb_Lg	02 38 18.1	
LPAR	Lepanto	5.89	95	Iamb_Lg	02 38 11.8	
FVM	French Village	5.91	71	Pn	02 36 32.9	+0.9
FVM	French Village	5.91	71	Sn	02 37 37.5	-2.4
FVM	French Village	5.91	71	Iamb_Lg	02 38 15.5	
JCT	Junction City	6.10	199	Pn	02 36 33.9	-0.8
JCT	Junction City	6.10	199	Iamb_Lg	02 38 19.8	
143A	Soes Landing,	6.18	124	Iamb_Lg	02 38 25.6	
K31A	O'Neill	6.40	352	Pn	02 36 38.9	+0.2
K31A	O'Neill	6.40	352	Iamb_Lg	02 38 35.7	
SDCO	Great Sand Duns	6.55	285	Pn	02 36 41.3	+0.1
S44A	Carbondale	6.76	76	Pn	02 36 44.2	+0.6
S44A	Carbondale	6.76	76	Iamb_Lg	02 38 38.1	
N41A	Harden Midland	6.83	48	Pn	02 36 45.1	+0.4
W45A	Hickory Valley	6.87	97	Iamb_Lg	02 38 40.7	
Q44A	Meyer Farm, Va	7.23	66	Pn	02 36 50.5	+0.4
ANMO	Albuquerque	7.41	262	Pn	02 36 52.4	-0.3
ECSD	EROS Data Cent	7.47	5	Pn	02 36 53.3	-0.1
ECSD	EROS Data Cent	7.47	5	Pn	02 36 52.2	-1.1
HDIL	Hopedale	7.73	54	Pn	02 36 56.6	-0.4
O44A	Manfield	8.10	59	Iamb_Lg	02 39 30.1	
L42A	Oliver, Polo	8.35	45	Iamb_Lg	02 39 29.7	
JFW5	Jewell Farm	8.67	38	Iamb_Lg	02 40 00.4	
K22A	Casper	9.42	315	Iamb_Lg	02 40 23.0	

ellipse: s-maj=132.3km s-min=13.1km az=68.0, Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	13.82	160	Op	02 46 59.2	-0.5
WRA	Warramunga Arr	13.82	160	Pn	02 49 20.6	-1.3
ASAR	Alice Springs	17.22	166	P	02 47 44.7	+0.2
MKAR	Makanchi Array	67.81	327	P	02 54 42.2	0.0

ISK 18 02:47:20.1, 34.90N:24.84E, h23km, ML3.5/21
 ATH 18 02:47:21.0, 34.93N:24.79E, h23km, ML3.2/6, Error
 ellipse: s-maj=3.7km s-min=1.2km az=6.0
 THE 18 02:47:21.7, 34.89N:24.83E, h28km, ML3.2/7, Error
 ellipse: s-maj=2.3km s-min=0.9km az=338.0
 DDA 18 02:47:24.0, 34.89N:25.24E, h47km, 466km, ML3.2
 ISC 18 02:47:21.5, 1.0, 34.90N:0.05:24.82E:0.03, h31km, gkm,
 n60, c150677, Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SIVA	Sivas	0.12	356	Op	02 47 26.5	-0.5
SIVA	Sivas	0.12	356	P	02 47 31.4	+0.6
SIVA	Sivas	0.12	356	P	02 47 26.6	-0.5
SIVA	Sivas	0.12	356	S	02 47 30.9	+0.2
SIVA	Sivas	0.12	356	AML	02 47 31.7	
SIVA	comp=E,51410µm,0.3s			AML	02 47 34.8	
TMKB	Timbaki Herakl	0.18	346	P	02 47 27.0	-0.6
TMKB	Timbaki Herakl	0.18	346	S	02 47 32.2	+0.5
IDI	Anoyia	0.39	8	P	02 47 29.5	-0.9
IDI	Anoyia	0.39	8	S	02 47 36.2	-0.2
IDI	Anoyia	0.39	8	P	02 47 29.5	-0.9
IDI	Anoyia	0.39	8	Sb	02 47 36.3	-0.1
IDI	Anoyia	0.39	8	AML	02 47 37.3	
IDI	comp=N,6926µm,0.6s			AML	02 47 37.6	
IDI	comp=E,6578µm,0.3s			AML	02 47 32.2	+0.3
KSTL	Kastelli Herak	0.45	27	P	02 47 40.5	+1.5
HRKL	Herakleio	0.47	29	P	02 47 31.2	-0.3
HRKL	Herakleio	0.47	29	S	02 47 39.4	-0.1
HRKL	Herakleio	0.47	29	PG	02 47 30.4	-1.1
PRNS	Prines Rethymn	0.53	331	P	02 47 32.3	-0.2
PRNS	Prines Rethymn	0.53	331	S	02 47 41.4	+0.4
GVDS	Gavdos	0.60	265	P	02 47 32.9	-0.7
GVDS	Gavdos	0.60	265	S	02 47 43.7	+1.0
GVDS	Gavdos	0.60	265	PG	02 47 32.9	-0.7
GVDS	Gavdos	0.60	265	SG	02 47 43.4	+0.7
GVDS	Gavdos	0.60	264	P	02 47 32.6	-1.1
GVDS	Gavdos	0.60	264	S	02 47 43.0	+0.2
GVDS	Gavdos	0.60	264	PG	02 47 32.6	-1.1
GVDS	Gavdos	0.60	264	SG	02 47 43.0	+0.2
VAM	Vamos	0.72	315	P	02 47 34.8	-0.8
VAM	Vamos	0.72	315	P	02 47 34.7	-0.9
VAM	Vamos	0.72	315	AML	02 47 49.3	
VAM	comp=N,4197µm,0.3s			AML	02 47 51.7	
NPS	Neapolis	0.74	61	P	02 47 35.8	-0.2
NPS	Neapolis	0.74	61	P	02 47 35.7	-0.2
NPS	Neapolis	0.74	61	S	02 47 46.8	+0.6
NPS	Neapolis	0.74	61	AML	02 47 48.8	
NPS	comp=E,4835µm,0.7s			AML	02 47 51.8	
IMMV	lera Moni Meta	0.89	309	P	02 47 37.7	-0.2
IMMV	lera Moni Meta	0.89	309	P	02 47 37.4	-0.5
IMMV	lera Moni Meta	0.89	309	AML	02 47 55.1	
IMMV	lera Moni Meta	0.89	309	AML	02 47 55.9	
IMMV	lera Moni Meta	0.89	309	PG	02 47 37.9	0.0
KNDR	Palaiochora Ch	0.99	290	P	02 47 39.8	+0.5
KNDR	Palaiochora Ch	0.99	290	PG	02 47 39.5	+0.2
RODP	Rodopos	1.09	307	Pn	02 47 40.7	0.0
ZKR	Zakros	1.17	79	P	02 47 43.3	+0.2
ZKR	Zakros	1.17	79	AML	02 48 07.7	
ZKR	Zakros	1.17	79	PN	02 47 41.9	+0.1
SANT	Santorini	1.56	19	Pn	02 47 47.4	+0.2
ANKY	Antikythira Is	1.57	308	P	02 47 49.0	-0.9
SNTS	Snea Kammeni, S	1.57	17	P	02 47 49.1	-0.9
MHLO	Agia Marina, M	1.82	349	P	02 47 57.7	+1.0
KTHA	Kythira Island	1.97	314	P	02 47 53.7	+0.9
APE	Apeiranthos	2.24	15	P	02 47 57.3	+0.8

comp=Z,1.1nm,0.8s,baz=28,slow=6.5,SNR=3.0

WRA Alice Springs 81.82 206 P P 04 16 43.1 +1.2

ASAR comp=Z,1.3nm,0.6s,baz=15,slow=5.5,SNR=10.0 P P 04 16 56.4 -1.0

ESDC comp=Z,1.8nm,0.8s,baz=9.3,slow=4.4,SNR=8.9 P P 04 16 58.4 -0.2

KEST comp=Z,2.0nm,0.8s,baz=10.4,slow=4.4,SNR=19.1 P P 04 17 06.4 -0.5

TUL 18 04:09:24.3:1.6,36.50N:0.02:98.73W:0.04,h7km,5km, ML3.6,mb,Lg3.271(NEIC),Error ellipse: s-maj=5.1km s-min=2.2km az=104.0

NEIC 18 04:09:25.0:1.1,39.49N:0.02:98.67W:0.04,h5km,1km, Error ellipse: s-maj=5.7km s-min=3.4km az=279.0

ANF 18 04:09:25.0:2.0,36.46N:98.68W,h5km,ML3.9/15,Error ellipse: s-maj=2.3km s-min=1.8km az=4.0

ISC 18 04:09:24.6:1.1,36.49N:0.03:98.68W:0.02,h3km,10km,n112,c069/112,Okahoma

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
U32A	Winter Ranch,	0.28	248	Op	04 09 29.6	-0.5
U32A	Winter Ranch,	0.28	248	Sg	04 09 29.6	-0.5
U32A	Winter Ranch,	0.28	248	P	04 09 29.6	-0.5
U32A	Winter Ranch,	0.28	248	S	04 09 33.8	0.0
KAN14	Manchester OK	0.74	51	Pg	04 09 38.7	-0.2
GC02	Grant County #	0.75	61	Pg	04 09 38.9	-0.2
KAN10	Anthony SW Sta	0.79	36	Pg	04 09 40.0	+0.2
KAN10	Harper SW Sta	0.89	34	Pg	04 09 41.1	-0.5
KAN05	Bluff City Nor	0.90	46	Pg	04 09 42.1	+0.3
KAN17	Caldwell West	0.92	53	Pg	04 09 42.4	0.0
KAN17	Caldwell West	0.92	53	Sg	04 09 45.4	+0.2
KAN08	Anthony NE Sta	0.93	37	Pg	04 09 42.7	+0.2
KAN12	Harper NE Sta	0.98	34	Pg	04 09 43.4	+0.1
KAN01	Argonia South	0.99	48	Pg	04 09 43.2	-0.5
KAN01	Argonia South	0.99	48	Sg	04 09 56.9	+0.3
KAN06	Argonia West S	1.00	41	Pg	04 09 43.7	-0.2
KAN09	Caldwell North	1.07	52	Pg	04 09 45.0	-0.1
KAN09	Caldwell North	1.07	52	Sg	04 09 58.5	-0.5
KAN10	South Haven SW	1.10	61	Pg	04 09 54.8	+0.2
BCOK	Bluff Creek, N	1.20	133	Pg	04 09 47.6	0.0
BCOK	Bluff Creek, N	1.20	133	Sg	04 10 03.3	+0.2
BL0K	Blackwell	1.21	77	Pn	04 09 47.5	-0.3
OK009	Oakdale Elemen	1.36	131	Pn	04 10 10.1	+1.1
OK025	Westminster Rd	1.41	129	Pn	04 09 51.1	-0.1
OKCFA	Okahoma City	1.46	137	Pn	04 09 51.9	0.0
OKCFA	Okahoma City	1.46	137	P	04 09 51.7	-0.2
OKCFA	Okahoma City	1.46	137	S	04 10 11.9	+0.3
OKCSW	OKLAHOMA CITY	1.48	137	Pn	04 09 51.3	-0.8
OK031	S. Brethren Rd	1.58	109	Pn	04 09 53.5	0.0
FNO	Franklin	1.61	139	Pn	04 09 54.4	+0.5
QUOK	Quay	1.62	101	Pn	04 09 54.5	+0.4
OK030	Cody Creek RV	1.63	109	Pn	04 09 54.3	+0.1
OK034	N. Norfolk Rd.	1.66	106	Pn	04 09 54.8	+0.2
T35A	Sooner Cattle	1.79	76	Pn	04 09 57.1	+0.6
T35B	Sooner Cattle	1.79	76	P	04 09 57.4	+0.9
T35B	Sooner Cattle	1.79	76	Sb	04 10 21.9	-0.4
R32A	Long Quarter,	1.93	359	Pn	04 09 58.6	+0.3
R32A	Long Quarter,	1.93	359	P	04 09 59.2	+0.8
R32A	Long Quarter,	1.93	359	S	04 10 25.1	0.0
R32A	Long Quarter,	1.93	359	Sb	04 10 25.1	0.0
W35A	Tecumseh	1.98	132	Pn	04 09 59.5	+0.5
X34A	Smith Ranch, M	2.00	160	Pn	04 10 00.5	+1.1
TUL1	Leonard	2.41	103	Pn	04 10 05.3	+0.5
TUL1	Leonard	2.41	103	Iamb_Lg	04 10 42.5	
TUL1	Leonard	2.41	103	P	04 10 05.1	+0.2
TUL1	Leonard	2.41	103	Sb	04 10 39.3	+0.8
CBKS	Cedar Bluff	2.47	340	Pn	04 10 06.5	+0.7
CBKS	Cedar Bluff	2.47	340	P	04 10 06.2	+0.4
CBKS	Cedar Bluff	2.47	340	S	04 10 39.5	-1.0
LOOK	Love County	2.77	153	Pn	04 10 10.3	+0.4
LOOK	Love County	2.77	153	Iamb_Lg	04 10 54.7	
AMTX	Amarillo	2.92	238	Pn	04 10 12.9	+0.9
AMTX	Amarillo	2.92	238	P	04 10 13.0	+1.0
KSU1	Kansas State U	3.02	32	Pn	04 10 14.3	+0.1
KSU1	Kansas State U	3.02	32	P	04 10 15.4	+1.2
X37A	Clayton	3.30	124	Pn	04 10 17.1	0.0
Z35A	Perchaven, San	3.36	159	Pn	04 10 18.0	+0.1
Z35A	Perchaven, San	3.36	159	P	04 10 18.1	+0.1
U38A	Gravette	3.46	90	Pn	04 10 19.5	+0.1
U38A	Gravette	3.46	90	Iamb_Lg	04 11 21.7	
U38A	Gravette	3.46	90	P	04 10 19.8	+0.4
HHAR	Hobbs	3.83	92	Pn	04 10 24.0	-0.5
HHAR	Hobbs	3.83	92	Iamb_Lg	04 11 30.9	
ABTX	Abilene, Hawle	3.94	192	Pn	04 10 25.7	-0.2
ABTX	Abilene, Hawle	3.94	192	P	04 10 25.7	-0.2
KSC0	Kaye Shedlock	4.02	310	Pn	04 10 28.0	+0.8
KSC0	Kaye Shedlock	4.02	310	Iamb_Lg	04 11 39.0	
KSC0	Kaye Shedlock	4.02	310	Sb	04 11 29.0	+3.9
W39A	Magazine	4.18	107	Pn	04 10 29.0	+0.3
W39A	Magazine	4.18	107	Iamb_Lg	04 11 44.3	
MSTX	Muleshoe	4.19	234	Pn	04 10 29.4	-0.1
MSTX	Muleshoe	4.19	234	Iamb_Lg	04 11 41.9	
N33A	J Bar K, Exete	4.35	12	Pn	04 10 31.4	-0.3
N33A	J Bar K, Exete	4.35	12	Iamb_Lg	04 11 49.2	
Z38A	Mt. Pleasant	4.42	136	Pn	04 10 32.2	-0.4
Z38A	Mt. Pleasant	4.42	136	Iamb_Lg	04 11 47.3	
S39A	Bolivar	4.45	73	Pn	04 10 33.3	+0.4
S39A	Bolivar	4.45	73	P	04 10 33.1	+0.2
MIAR	Mount Ida	4.59	113	Pn	04 10 34.4	-0.5
MIAR	Mount Ida	4.59	113	Iamb_Lg	04 11 57.5	
MIAR	Mount Ida	4.59	113	P	04 10 35.6	+0.7
WHXX	Lake Whitney,	4.60	167	Pn	04 10 34.7	-0.3
WHXX	Lake Whitney,	4.60	167	P	04 10 35.1	+0.1
T25A	Trinidad	4.64	280	Pn	04 10 35.7	-0.1
T25A	Trinidad	4.64	280	Iamb_Lg	04 11 59.8	
U40A	Yellville	4.70	90	Pn	04 10 35.6	-0.8
U40A	Yellville	4.70	90	Iamb_Lg	04 11 53.3	
BGNE	Belgrade	4.93	5	Pn	04 10 38.9	-0.8
BGNE	Belgrade	4.93	5	Iamb_Lg	04 12 14.4	
N35A	Tabor	4.97	28	Pn	04 10 40.4	+0.2
P38A	Dawn	5.13	51	Pn	04 10 42.1	-0.1
P38A	Dawn	5.13	51	Iamb_Lg	04 12 14.1	
P38A	Dawn	5.13	51	P	04 10 42.4	+0.1
OGNE	Ogallala	5.17	331	Pn	04 10 43.9	+0.1
OGNE	Ogallala	5.17	331	LR	04 12 07.2	
OGNE	Ogallala	5.17	331	Iamb_Lg	04 12 17.3	
X40A	Basin Creek Fa	5.17	111	Pn	04 10 42.4	-0.5
MGMO	Mountain Grove	5.19	81	Pn	04 10 42.3	-0.8
WHAR	Wooly Hollow	5.32	101	Pn	04 10 46.3	+1.3
WHAR	Wooly Hollow	5.32	101	Iamb_Lg	04 12 28.3	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
FCAR	Ozark Folk Cen	5.33	94	Pn	04 10 44.9	-0.2
FCAR	Ozark Folk Cen	5.33	94	Iamb_Lg	04 12 16.0	
WLAR	White Oak Lake	5.35	120	Pn	04 10 46.2	+0.9
WLAR	White Oak Lake	5.35	120	Iamb_Lg	04 12 28.2	
R40A	Maddies Statio	5.41	69	Pn	04 10 46.8	+0.6
R40A	Maddies Statio	5.41	69	Iamb_Lg	04 12 20.9	
SDCO	Great Sand Dun	5.59	285	Pn	04 10 49.3	+0.4
L34A	Svendsen Farm,	5.76	17	Pn	04 10 50.0	0.0
L34A	Svendsen Farm,	5.76	17	LR	04 12 28.8	
435B	Jarrell	5.76	171	Pn	04 10 50.5	-0.6
435B	Jarrell	5.76	171	LR	04 12 28.8	
435B	Jarrell	5.76	171	Iamb_Lg	04 12 36.6	
NATX	Nacogdoches	5.77	144	Iamb_Lg	04 12 44.1	
NATX	Nacogdoches	5.77	144	Pn	04 12 44.1	
N38A	Joess South For	6.05	43	Pn	04 10 53.5	-1.4
N38A	Joess South For	6.05	43	Pn	04 12 37.0	-0.4
N38A	Joess South For	6.05	43	P	04 12 37.0	-0.4
P40A	Paris	6.05	58	Pn	04 10 54.3	-0.7
P40A	Paris	6.05	58	Iamb_Lg	04 12 38.8	
JCT	Junction City	6.07	189	Pn	04 10 55.2	0.0
JCT	Junction City	6.07	189	Iamb_Lg	04 12 54.5	
T42A	Van Buren	6.12	83	Pn	04 10 56.4	+0.6
K31A	O'Neill	6.13	359	Pn	04 10 55.6	-0.5
K31A	O'Neill	6.13	359	LR	04 12 32.2	
CCM	Cathedral Cave	6.13	73	Pn	04 10 55.3	-0.7
CCM	Cathedral Cave	6.13	73	Iamb_Lg	04 12 39.3	
ISCO	Idaho Springs	6.39	303	Pn	04 11 00.2	+0.3
ISCO	Idaho Springs	6.39	303	Iamb_Lg	04 12 50.7	
ANMO	Albuquerque	6.51	259	Pn	04 11 01.1	-0.4
ANMO	Albuquerque	6.51	259	LR	04 12 48.8	
HBAR	Harrisburg	6.57	96	Pn	04 12 52.6	
PBMO	Poplar Bluff	6.64	85	Iamb_Lg	04 13 04.1	
FVM	French Village	6.75	75	Pn	04 11 04.9	+0.3
FVM	French Village	6.75	75	Iamb_Lg	04 13 02.5	
SCIA	State Center	6.88	36	Iamb_Lg	04 13 01.6	
SCIA	State Center	6.88	36	P	04 13 02.5	
HKT	Hockley	6.94	159	Pg	04 11 32.1	-5.5
GNAT	Goenell	7.02	92	Sb	04 12 48.1	-1.0
SLM	Saint Louis	7.04	70	Iamb_Lg	04 13 07.3	
SLM	Saint Louis	7.04	70	P	04 13 11.5	
143A	Socs Landing,	7.09	120	Iamb_Lg	04 13 21.2	
SMCO	Smoking Hills	7.09	295	Pn	04 11 09.6	0.0
SMCO	Smoking Hills	7.09	295	Iamb_Lg	04 13 27.5	
MNTX	Cornudas Mont	7.13	231	Pn	04 11 12.8	+0.3
ECSD	EROS Data Cent	7.41	12	Pn	04 11 12.8	-0.8
N41A	Harden Midland	7.43	53	Pn	04 12 35.8	-2.4
N41A	Harden Midland	7.43	53	LR	04 13 19.7	
S44A	Carbondale	7.63	78	Pn	04 11 15.3	-1.3
S44A	Carbondale	7.63	78	Iamb_Lg	04 13 35.7	
K38A	Parkersburg	7.66	35	Iamb_Lg	04 13 29.6	
SIUC	Southern Illin	7.66	78	Iamb_Lg	04 13 38.7	
W45A	Hickory Valley	7.83	97	Iamb_Lg	04 13 32.6	
W45A	Hickory Valley	7.83	97	P	04 13 46.6	
P43A	Skaggs, Pawnee	7.88	64	Pn	04 11 19.9	-0.2
P43A	Skaggs, Pawnee	7.88	64	LR	04 13 34.0	
MVCO	Mesa Verde	7.91	278	Pg	04 11 49.5	+7.0
L40A	Anamosa	8.03	44	Pn	04 11 22.7	+0.7
TX31	Lajitas Ar. Si	8.27	212	Pn	04 11 25.1	-0.5
TX32	Lajitas Array	8.27	212	Pn	04 11 25.1	-0.5
HD16	Hopedale	8.40	58	Pn	04 11 27.3	+0.1
I37A	Lemond, Waseca	8.53	27	Iamb_Lg	04 14 02.5	
K22A	Casper	8.63	318	Iamb_Lg	04 14 11.3	
JFW5	Jewell Farm	9.13	43	Iamb_Lg	04 14 39.5	

ISC 18 04:30:41.1:2.7,5.22S:68.89E,h0km,mb3.8/5,mb1.4/0.5, mb1mx3.3/41,mbtmp3.8/5,MS3.2/6,Ms1.3/3.6, ms1mx2.9/41,Error ellipse: s-maj=93.1km s-min=28.0km az=60.0

ISC 18 04:30:42.0:2.7,5.30S:0.4:68.8E:0.6,h10km,n16,c0871/7, mb4.0/5,MS3.3/5,Chagos Archipelago region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
H08S3	Diego Garcia H	4.38	122	Op	04 08 22.4	
H08S3	Diego Garcia H	4.38	122	T	04 36 20.8	
H08S1	Diego Garcia H	4.38	123	T	04 36 21.4	
H08S2	Diego Garcia H	4.40	122	T	04 36 21.4	
PALK	Pallekele	17.25	44	LR	04 39 51.6	
CMAR	Chiang Mai Arr	37.96	51	LR	04 52 11.6	
GEYT						

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Gaotai, Morawa, Toolangi, Urewera, Black Stump Fm, etc.

AEIC 18 06:52:32.9, 1.6, 51.31N, 0.05: 173.8W, 0.1, h12km, 5km, ML3, 1/15, mb3.8/9(NEIC), Error ellipse: s-maj=8.8km

NEIC 18 06:52:40.1, 3.7, 52.78N, 0.05: 174.8W, 0.1, h10km, 2km, Error ellipse: s-maj=12.0km s-min=6.4km az=56.0

IDC 18 06:52:40.7, 1.6, 53.09N, 175.09W, h0km, mb3.7/7, mb1.3/9g, mb1mx3.7/58, mbmt3.8/9, ML4.1/2, Error ellipse: s-maj=54.4km s-min=18.2km az=173.0

ISC 18 06:52:30.3, 2.7, 51.22N, 0.1: 173.84W, 0.07, h7km, 14km, n35, c083/33, mb3.7/9, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Atka Island, Korovin Flat P, Mount Kluichef, etc.

IDC 18 06:57:25.1, 1.2, 37.81N, 144.47E, h0km, mb3.8/4, mb1.4/0.6, mb1mx3.4/47, mbmt3.8/6, ML3.4/2, MS3.4/2, Ms1.3/4.2, ms1mx2.5/46, Error ellipse: s-maj=39.9km s-min=23.6km az=94.0

NIED 18 06:57:29.6, 38.02N, 144.06E, h41km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mn=3.66; Mw=0.84; Mo=4.49; Mo=1.40; Mo=0.65; Mw=1.0; Fault plane solution: Mb6.0200x10^14 NP1: o=168.0000, s=69.0000, l=107.0000. NP2: o=29.0000, s=87.0000, l=52.0000

JMA 18 06:57:29.6, 38.02N, 144.06E, h41km, M3.9, ISC 18 06:57:30.1, 1.1, 38.01N, 0.05: 144.16E, 0.08, h35km, n25, c1893/33, mb4.0/4, Off east coast of Honshu

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nango, Boso 1, Kayabe, etc.

TUL 18 06:59:14.7, 0.7, 36.84N, 0.01: 97.52W, 0.02, h5km, 7km, ML2.7, mb. Lg2.5/18(NEIC), Error ellipse: s-maj=1.9km s-min=1.5km az=69.0

NEIC 18 06:59:14.8, 0.4, 36.82N, 0.01: 97.51W, 0.02, h5km, 7km, Error ellipse: s-maj=2.2km s-min=1.7km az=47.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like South Haven SW, Blackwell, Grant County #, etc.

NNC 18 06:59:30.8, 2.9, 53.78N, 90.63E, h6km, 14km, mb4.0, mp3.8, 10C-4D, Error ellipse: s-maj=24.3km s-min=18.2km az=23.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Array, Kurk Kurchatov, etc.

NOU 18 07:29:08.9, 15.74S, 166.28E, h0km, MLv4.5/10, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANVU Sarautou, DVP Derails Point, etc.

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

IDC 18 07:56:36.8, 0.2, 60.64S, 25.38W, h0km, mb4.1/5, mb1.4/3.6, mb1mx4.0/21, mbmt4.2/6, ML4.5/1, MS3.3/3, Ms1.3/2.3, ms1mx3.0/21, Error ellipse: s-maj=12.0km s-min=1.9km az=53.0

NEIC 18 07:56:40.1, 1.3, 60.3S, 0.1: 25.4W, 0.3, h10km, 1km, mb4.6/19, Error ellipse: s-maj=30.2km s-min=14.7km az=50.0

ISC 18 07:56:41.6, 0.8, 60.6S, 0.1: 25.0W, 0.1, h35km, n39, c1836/32, mb4.5/12, MS3.1/3, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer Stat, etc.

IDC 18 08:01:54.3, 1.0, 34.43N, 105.19E, h0km, mb3.8/9, mb1.3/9/12, mb1mx3.7/54, mbmt3.8/12, ML4.0/3, MS3.2/9, Ms1.3/2.9, ms1mx2.9/58, Error ellipse: s-maj=26.9km s-min=18.5km az=62.0

BJI 18 08:01:55.5, 0.0, 34.10N, 105.12E, h21km, mb4.4/1, mb4.0/4, ML4.3/22, MS3.7/5, Ms7.3/5/7

ISC 18 08:01:56.2, 0.6, 34.47N, 0.05: 105.42E, 0.04, h10km, n23, c216/28, mb3.8/9, MS3.1/6, Gansu ID

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LZH Lanzhou, XAN Xian, etc.

18d 9h

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

ANF 18 08:06:06.9.0.5.36:15N:97.65W, h2km, 5km, ML3.6/11, Error ellipse: s-maj=4.8km s-min=4.0km az=63.0

TUL 18 08:06:07.1.1.1.36:12N:0.01:97.64W:0.01, h15km, 7km, ML3.3, mb_Lg2.9/5.9(NEIC), Error ellipse: s-maj=1.9km s-min=1.3km az=217.0

NEIC 18 08:06:07.2.1.1.36:12N:0.010:97.63W:0.02, h4km, 7km, Error ellipse: s-maj=2.2km s-min=0.9km az=55.0

ISC 18 08:07:3.1.1.36:13N:0.02:97.64W:0.03, h8km, 13km, n71, c058/48, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Carrier, Bluff Creek, Westminister Rd, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Poplar Bluff, Ogalla, Socs Landing, etc.

IDC 18 08:12:02.8.7.55:93S:27.02W, h75km, 79km, mb3.5/4, mb1 3.6/4, mb1mx3.3/2.1, mbtmp3.8/4, Error ellipse: s-maj=27.7km s-min=11.9km az=64.0, South Sandwich Islands region

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

WEL 18 08:15:35.6.1.0.37:S:6*17*8E:1, h63km, 24km, M3.6/18, ML3.9/18, MLV3.6/18, Error ellipse: s-maj=0.0km s-min=0.0km az=71.5, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Waitematani S, Pakihika, etc.

IDC 18 08:18:18.1.2.9.6:54S:130.07E, h98km, 37km, mb3.4/2, mb1 3.7/6, mb1mx3.4/6, mbtmp4.0/6, Error ellipse: s-maj=73.1km s-min=21.6km az=90.0

ISC 18 08:18:17.6.0.7.6:47S:0.06x:129.9E:0.1, h100km, n15, c245/17, Banda Sea

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

884

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

EAF 18 08:22:31.2.1.4.26:13S:29.28E, h5km, 28km, MD3.9, BUL 18 08:22:30.7.0.9.26:16S:29.11E, h4km, 19km, MD4.2

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

NEIC 18 08:24:33.8.2.6.54:93N:0.02:134.66W:0.08, h14km, 5km, Error ellipse: s-maj=6.6km s-min=3.5km az=96.0

PGC 18 08:24:36.0.1.4.54:88N:134.45W, h20km, ML2.9/4, 176km Wnn of Masset, Bc Haida Gwaii Region

ISC 18 08:24:30.1.5.55:00N:0.04:134.57W:0.09, h25km, n16, c142/20, Southeastern Alaska

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

NNC 18 08:25:55.4.3.4.53:54N:90.33E, h0km, mb3.7, mpv3.4, 10C-48, Error ellipse: s-maj=27.0km s-min=21.7km az=80.0, Suspected Mining explosion, Southwestern Siberia

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

ATH 18 09:18:46.3.36:58N-25:60E, h19km, 3km, ML2.6/4, Error ellipse: s-maj=4.9km s-min=1.1km az=268.0

ISK 18 09:18:46.1.1.36:58N-25:42E, h15km, ML2.8/10, THE 18 09:18:46.5.36:61N-25:62E, h4km, 1km, ML2.6/8, Error ellipse: s-maj=6.0km s-min=0.6km az=277.0

ISC 18 09:18:46.0.6.36:60N:0.02:25.57E:0.03, h15km, 6km, n43, c074/61, Dodecanese Islands

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Santorini, Thira Island, Apeiranthos, Agia Marina, M, etc.

EAF 18 09:35:23.1±1.4, 25.99S:29.56E, h11km, 22km, MD3.8
BUL 18 09:35:23.4±1.2, 26.00S:29.56E, h13km±19km, MD4.1, South Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Changanalane, Mopani, Messina, Matopo, etc.

SOME 18 09:35:46.8, 39.65N:74.08E, h0km
IDC 18 09:35:48.1±2.0, 39.60N:73.44E, h0km, mb3.7/6, mb1 3.7/9, mb1mx3.5/46, mbrmp3.6/9, ML2.9/4, MS3.1/3, Ms1 3.1/3, ms1mx2.5/46, Error ellipse: s-maj=39.7km s-min=15.8km az=132.0

KRNET 18 09:35:48.6±0.1, 39.66N:74.09E, h11km, mb3.5, NNC 18 09:35:51.3±1.4, 39.74N:74.11E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=10.9km s-min=6.0km az=172.0
ISC 18 09:35:46.8±1.4, 39.68N:0.0474±10E, 0.02, h6km±10km, n7j6, r168/106, mb3.8/6, MS3.1/3, 26C-15D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Sufi-Kurgan, Osh, Karamyk, Aral, Almayashu, Batken, Uchter, Arkit, Terek-Say, Ala-Archa, Erkin-Say, Karagaybulak, Boomsokoye usch, etc.

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Merke, Kajsay, Tokmak, Taragay, Ozenovka, Kastek, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MKAR, KURBS, BVAR, WSAR, KVAR, KIRV, AKASG, FINES, ARCES, NOA, TORD, YKA, etc.

IDC 18 09:57:03.0±0.8, 31.20S:69.00E, h0km, mb4.0/7, mb1 4.1/8, mb1mx3.7/43, mbrmp4.0/8, ML4.1/1, MS3.6/4, Ms1 3.6/4, ms1mx3.0/42, Error ellipse: s-maj=30.4km s-min=20.6km az=20.0
NEIC 18 09:57:05.6±1.5, 31.1S:0.1x59.0E±0.2, h10km±1km, mb4.0/7, Error ellipse: s-maj=25.8km s-min=19.0km az=228.0

ISC 18 09:57:04.8, 0.8, 31.1S:0.1x59.1E±0.1, h10km, n26, r082/15, mb4.1/8, MS3.4/4, Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Riviere de l'E, Voihotska, Ambohimpalom, Ambodiratompo, Diego Garcia, Boshof, Tsumeb, Arta Tunnel, South Pole Qui, QSPA, CMAR, Vanda, ASAR, Warramunga Arr, WRA, WRR, WB0, STKA, TORO, TORDI, YKA, etc.

MIRAS 18 10:07:46.0±0.0, 56.80N:62.03E, h0km, ML2.5/4, NNC 18 10:07:53.2±9.5, 55.51N:62.81E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=90.7km s-min=34.3km az=165.0, Suspected Mining explosion.

ISC 18 10:07:41.6±1.1, 56.27N:0.06±62.17E±0.06, h0km, n7, r153/13, 2C-6D, Ural Mountains region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kamensk Uralsk, Sverдловsk, ARU, PR7R, BRVK, AKTO, AB31, etc.

IDC 18 10:14:30.7±1.9, 39.83N:49.46E, h0km, ml3.8/2, mb1 3.7/5, mb1mx3.4/45, mbrmp3.6/5, ML3.7/2, MS3.2/2, Ms1 3.3/2, ms1mx2.3/43, Error ellipse: s-maj=51.6km s-min=17.4km az=176.0

AZER 18 10:14:32.6±0.0, 40.06N:49.07E, h16km, ml3.0/32, Error ellipse: s-maj=0.9km s-min=0.5km az=277.0
TEH 18 10:14:33.3, 40.03N:49.05E, h18km, ML3.2
ISC 18 10:14:34.1±0.9, 40.06N:0.02±49.14E±0.02, h18km±2km, n7, r146/90, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ALIB, GBS, GOBA, GOBU, SAAT, KDMR, etc.

18d 11h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like P52A Corning, V52A Sevierville, 352A Blakely, etc.

2015 DEC

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like Z47A Carrollton, BLO Bloomington, BLO Bloomington, etc.

890

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like SPMN Marine on St., ABKAR Abkular array, I37A Lemond, Waseca, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like RSSD Black Hills, T25A Trinidad, DGMT Dagmar, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like PALK Pallekele, HLID Hailey, A36M Sachs Harbour, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like ENTT Nioudou, NDT Datong Townshi, NNSB Datong, etc.

SSNC 18 12:10:03.8z 1.3, 19:64N:75:59W, h13km, 7km, MD3.2, ML3.1, MW3.2

JSN 18 12:10:04.6z 0.5, 17:84N:74:82W, h43km, 15km, MD4.0, ISC 18 12:09:58.8z 1.2, 19:51N:0:04z 75:54W, 0.04, h15km, 10km, 18, 19:51Z2, Cuba region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like RCC Rio Carpintero, GTTY Guantanamo Bay, MOAC Moa, etc.

IDC 18 12:12:46.4z 3.3, 14:69N:91:93W, h0km, mb3.9/7, mb1.4/2.9, mb1mx3.9/4.1, mbmt3.9/9, ML3.9/2, Error ellipse: s-maj=109.3km s-min=25.7km az=33.0

GCG 18 12:12:50.7z 0.6, 13:95N:92:29W, h38km, 5.73km, MD4.1, MEX 18 12:12:51.0z 0.6, 14:37N:92:19W, h89km, 1.1km, MD4.4, NEIC 18 12:12:52.0z 0.3, 14:25N:0:06z 92:38W, 0.06, h48km, 9km, mb4.5/4.0, MD4.4/19(MEX), Error ellipse: s-maj=8.8km s-min=8.3km az=58.0

SNET 18 12:12:53.5z 0.8, 14:01N:91:88W, h10km, 284km, ML3.9, UCR 18 12:12:53.5z 0.6, 14:02N:91:99W, h10km, ML3.8, mb4.5(NEIC)

ISC 18 12:12:49.3z 1.0, 14:09N:0:06z 92:46W, 0.05, h37km, 2km, n108, r162/127, mb4.3/25, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like THIG Thig, HUEH Huehuetenango, FUG Fuego 3, etc.

Table listing station names, codes, and coordinates for the 18d 13h period. Includes stations like TGIG, Cerro Verde, MRL, JAYA, TACO, WITOS, etc.

Main table listing station names, codes, and coordinates for the 2015 DEC period. Includes stations like BSO1, BSO3, CHOU, BSO4, KTR, etc.

Table listing station names, codes, and coordinates for the ROM 18:12:58:45.8... period. Includes stations like ASSB, MOMA, NRCA, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SHLS, UZB, ZHN, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AAK, UCH, KSH, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KIRV, NRIK, CMAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WYHN, WFSB, JIJ, NSK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MASBT Mashibuluo, MASBT, SCZT, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IDC 18 14:42:48.5, FITZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NOU 18 14:43:35.0, SANVU, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IDC 18 14:56:52.6, AFI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DJA 18 15:10:09.0, IDC 18 15:10:11.8, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NIED 18 15:43:15.8, JMA 18 15:43:15.8, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IDC 18 16:28:56.0, SHL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRA, TORD, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SOME 18 16:58:29.5, KRNET, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SFK, OHH, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ARLS, DRK, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KBK, BTK, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like TNS5, TNS6, TNS7, MDOK, MDOK, MDOK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like MULA, BCK, BRDR, DAT, DAT, DAT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR, CMAR, AKASG, ZALV, GRA1, GRA1, etc.

ISK 18 17:03:19.7,36.09N;29.69E, h5km, ML3.5/11
NIC 18 17:03:20.3,0.0, 36.17N;29.71E, h0km, 1km, M3.4/3
IDC 18 17:03:20.1, 1.1, 35.98N;29.74E, h0km, mb3.8/4

OMAN 18 17:12:47.5,0.7, 14.06N;56.84E, h0km, 8km, Error ellipse:
s-maj=11.2km s-min=4.2km az=307.0
IDC 18 17:12:49.2,1.4, 14.05N;56.59E, h0km, mb3.9/8,

VIE 18 17:37:15.5,1.3, 51.40N;16.34E, h0km, mb2.2/2, ml2.5/1
Error ellipse: s-maj=13.8km s-min=6.2km az=55.0 58 km
NW of Wrocław Suspected Mining induced.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like OMAN, SOCV, SOCV, DMTD, DMTD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like MORC, MORC, CLL, CLL, WRAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WEL, BHW, PLWZ, SNZO, PKZ, etc.

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

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

NNC 18-18:03:17.0,3.2,39.18N-73.37E,h0km,mb4.1,mpv3.7,5C-6D,Error ellipse: s-maj=25.0km s-min=14.4km az=40.0,Tajikistan-Xinjiang border region

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

PDG 18-18:22:16.5,1.6,40.45N-20.56E,h11km,5km,ML3.1/13, Error ellipse: s-maj=7.0km s-min=5.1km az=90.0

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

MDD 18-18:29:29.5,1.4,39.53N-12.23W,h0km,mb4.2/9,Error ellipse: s-maj=13.4km s-min=7.8km az=79.0,PRXIMO

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

BEO 18-18:22:14.7,0.7,40.27N-20.72E,h9km,2km,ML3.0/10 TIR 18-18:22:15.5,40.67N-21.26E,h3km,Md3.1

SKO 18-18:22:16.2,0.9,40.41N-20.68E,h11km,7km,n119,r1931/173,7C-8D,Greece-Albania border region

ICG 18-18:29:30.6,1.4,39.47N-12.74W,h10km,ML2.3,Error ellipse: s-maj=2.2km s-min=4.1km az=76.0

Various small text fragments and footnotes at the bottom of the page.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NBG, CCIG, MTO3, etc.

BUI 18 18:41:03.0±0.38, 86N-141.187E, h73km, mB5.0/15, mb4.5/29, Ms4.1/4, Ms7.3/9.3, MOS 18 18:41:04.4±1.2, 38.88N-141.69E, h66km, mb4.7/10, Error ellipse: s-maj=8.2km s-min=5.4km az=92.4

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

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

18d 19h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PKI Pulchoki, ILAR Eilsan Array, GKN Gorkha, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NC204 NORSAR Array S, AR030 Cody Creek RV, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OKKFA Oklahoma City, TUL1 Leonard, FNO Franklin, etc.

NEIC 18:47:26.5, 1.6, 6:59S:0:10:155.02E:0:05, h56km, 10km, mb4.3/1, Error ellipse: s-maj=14.5km s-min=6.2km

ISC 18:47:27.4, 7.0, 6:78S: 155:15E, h75km, 54km, mb3.9/7, mb1.4/0.8, m1mx3.7/35, mbmp4.1/8, ML2.31, MS3.2/4, Ms1.3/2.4, ms1mx2.8/44, Error ellipse: s-maj=48.3km s-min=29.8km az=105.0

ISC 18:47:26.2, 0.8, 6:65S:0:1:155.04E:0:08, h56km, n27, r126/25, mb4.2/12, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, HNR Honiara, PMG Port Moresby, etc.

900

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, KKM Kota Kinabalu, COMAR Chiang Mai Arr, etc.

NEIC 18:50:35.7, 2.2, 14:39S:0:2:166.04E:0:06, h11km, 10km, mb4.3/1, Error ellipse: s-maj=25.1km s-min=8.8km az=179.0

ISC 18:50:40.2, 9.9, 14:79S: 166:47E, h86km, 133km, mb3.8/4, mb1.4/0.5, m1mx3.5/41, mbmp4.1/5, ML4.0/1, Error ellipse: s-maj=285.8km s-min=56.6km az=80.0

NOU 18:50:47.0, 15:59S: 167:21E, h0km, MLV4.8/8, Vanuatu Islands

ISC 18:50:39.6, 1.5, 14:9S:0:1:166.95E:0:1, h100km, n31, r242/34, mb4.2/7, Vanuatu Islands

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

ISC 18:50:41.3, 2.2, 7:33S: 128:96E, h128km, 21km, mb3.9/7, mb1.4/0.1, m1mx3.6/34, mbmp4.4/10, MS3.2/4, Ms1.3/2.4, ms1mx2.7/44, Error ellipse: s-maj=21.1km s-min=17.0km az=105.0

DJA 18:50:41.0, 0.3, 7:53S: 129:9E, h172km, 9km, M4.6/13, mb4.7/13, mb5.0/8, ML4.8/13, Mw(mb)4.4/8

NEIC 19:00:42.4, 2.4, 7:42S:0:06:129.02E:0:07, h146km, 8km, mb4.6/38, Error ellipse: s-maj=9.8km s-min=9.1km az=95.0

ISC 18:50:40.6, 0.3, 7:41S:0:04:128.99E:0:05, h131km, n140, r181/143, mb4.6/31, 2Z, Banda Sea

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

18d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Dawson, Flagg Ranch, Madison River, Pinedale Array, etc.

18d 19h:33.21.2.1.4, 15:75N:90.76W, h0km, mb3.9/10, mb1.4/2.12, mb1mx4.0/38, mb1mx3.9/12, ML4.0/2, Error ellipse: s-maj=41.6km s-min=21.5km az=38.0

2015 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Huehuetenango, Comitan, Santiago 3, etc.

18d 19h:50.7.4.7, 5:40S:150.46E, h113km, mb3.6/6, mb1.3/9.7, mb1mx3.4/40, mb1mx4.1/7, Error ellipse: s-maj=51.1km s-min=27.3km az=114.0

902

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Coen, Charters Tower, Eidsvold, etc.

18d 19h:27.25.8.0.6, 22:83S:66.83W, h228km, mb3.3km, ML4.4, MW4.2, IDC 18 19:27:26.0.8.2, 22:82S:66.67W, h199km, mb4.0/12, mb1.4/12, mb1mx4.0/30, mb1mx4.5/20, MS3.2/3, Ms1.3/2.3, ms1mx2.8/22, Error ellipse: s-maj=12.5km s-min=10.7km az=40.0

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like LVC Limon Verde, ZAPLA Zapla, SLA San Lorenzo, IPOC Station P, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like LPAZ La Paz, LPZ Las Campanas, CO04 Toledo Observa, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SOR Crawfordville, 553A New Hope, BELA Belgrano 2, etc.

Table of astronomical observations for 18d 19h, listing station names (e.g., MSTX, AMTX), coordinates, and observation details.

Table of astronomical observations for 2015 DEC, listing station names (e.g., BW06, PD31), coordinates, and observation details.

Table of astronomical observations for 2015 DEC, listing station names (e.g., KK02, AAK), coordinates, and observation details.

BJI 18:59:14.5:0.0,55:27N:163:34E, h42km, mB4.9/4, mb4.4/10

IDC 18:59:15.1:0.6,55:55N:162:52E, h0km, mb4.1/21, mb1.4/3/21, mb1mx4.2/33, mbtmp4.1/21, MS3.4/8, MS1.3.4/8, ms1mx3.1/44, Error ellipse: s-maj=20.3km s-min=13.4km az=163.0

KRSC 18:59:18.1:0.9,55:40N:163:06E, h66km, 18km, ML4.8

MOS 18:59:20.0:0.9,55:45N:162:37E, h61km, mb4.5/7, Error ellipse: s-maj=7.0km s-min=4.3km az=74.8

NEIC 18:59:22.1:1.9,55:60N:162:66E, 0.2, h51km, 7km, mb4.5/84, Error ellipse: s-maj=13.2km s-min=12.1km az=119.0

ISC 18:59:20.9:0.9,55:40N:162:99E, 0.03, h47km, 9km, n251, 0138/297, mb4.4/73, MS3.5/6, 4C-5D, Near east coast of Kamchatka Peninsula

Table of astronomical observations for 2015 DEC, listing station names (e.g., KBTR, KBTB), coordinates, and observation details.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRRM, KRRR, OSSR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SCM, Sheep Creek Mo, SCM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHTO, Chiang Mai, CMAR, etc.

IDC 18 20:11:48.0, 8.7, 37.75N, 72:31E, h202km, 50km, mb3.9/1, mb1.3/3.5, mb1mx2.8/4.1, mbtmp3.8/5, MS3.3/2, Ms1.3/3/2, ms1mx2.5/4.8, Error ellipse: s-maj=76.1km s-min=46.4km az=177.0

NNC 18 20:11:50.3, 7.9, 38:07N, 72:28E, h246km, 76km, mb2.4, mpv3.4, Error ellipse: s-maj=76.5km s-min=48.7km az=12.0

ISC 18 20:11:44.6, 1.2, 37.60N, 0:09, 72:10E, 0:10, h200km, n23, a190/27, 5C-4D, Tajikistan

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res. Includes stations like AML, UCH, EK2, etc.

IDC 18 20:59:14.2, 5.9, 32:37S, 178:47W, h0km, mb3.7/2, mb1.4/0.2, mb1mx3.7/19, mbtmp3.7/2, MS3.3/2, Ms1.3/3/2, ms1mx2.7/4.1, Error ellipse: s-maj=249.6km s-min=60.9km az=159.0, South of Kermadec Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res. Includes stations like ASAR, WRA, WRA, etc.

IDC 18 21:15:45.2, 6.1, 38:36N, 72:37E, h0km, mb3.8/1, mb1.3/9/16, mb1mx3.7/5, mbtmp3.8/16, ML3.3/5, MS3.9/1, Ms1.3/9/1, ms1mx2.6/4.9, Error ellipse: s-maj=32.8km s-min=14.9km az=147.0

NEIC 18 21:15:45.8, 2.5, 38:31N, 0:04, 72:35E, 0:07, h10km, 2km, mb4.0/6, Error ellipse: s-maj=10.5km s-min=3.2km az=121.0

18d 22h

SOME 18 21:15:49.2, 38:73N, 72:53E, h0km
NWC 18 21:15:41.5, 45.1, 38:74N, 72:74E, h0km, mb4.5, mpv4.1,
Error ellipse: s-maj=42.8km s-min=23.1km az=14.0
ISC 18 21:15:44.3, 0.5, 38:26N, 0:04:72:22E, 0.04, h10km, n87,
e2510/102, mb3.7/13, 14C-4D, Tajikistan

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

2015 DEC

Main table of seismic events for December 2015. Columns include: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Contains event details like magnitude, depth, and location.

az=205.0
ISC 18 21:37:16.6, 0.9, 52:1N, 0:2:175:02E, 0:07, h35km, n58,
e1802/51, mb4.4/27, Rat Islands

Table of seismic stations for the Rat Islands region. Columns include: Code, Station Name, Az, Az', Phase ID, Time Res, ISC.

ISC 18 21:37:17.4, 5.2, 34N, 175:08E, h41km, 39km, mb3.9/12,
mb1.4/0.14, mb1mx3.7/42, mbtp4.1/14, ML3.7/2, MS3.3/2,
M1.3/3.2, m1mx2.6/58, Error ellipse: s-maj=52.9km
s-min=18.4km az=177.0
NEIC 18 21:37:20.1, 1.5, 52:3N, 0:2:175:02E, 0.2, h58km, 8km,
mb4.3/22, Error ellipse: s-maj=23.7km s-min=9.7km

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LEM, PET, YSS, PEA0B, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HEC, L04D, BC3, Y04C, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like IPM, RAGM, HMT, X16A, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SKAG, M26K, ZEA, GSI, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like LOHW, WTLV, O20A, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VNA1, SONM, HKT, etc.

18d 22h

Table with columns for station call sign, name, frequency, power, and other technical details. Includes stations like SEM Semipalatinsk, GYAT ALIBECK ARRAY, WSAR Wadi Bari Khanal, etc.

2015 DEC

Table with columns for station call sign, name, frequency, power, and other technical details. Includes stations like TIY Taiyuan, DMTO Ulaanbaatar, ULN Ulaanbaatar, etc.

912

Table with columns for station call sign, name, frequency, power, and other technical details. Includes stations like ONI Oni, NCK Nalchik, SIRT Sirkak, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Direction, Date, Time, and other parameters. Includes stations like GHAJ, MDSI, PRGR, ATD, NRIK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Direction, Date, Time, and other parameters. Includes stations like CFR, SORM, VLDL, TATR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Direction, Date, Time, and other parameters. Includes stations like APA, MRSI, BMR, BLU, etc.

A21K	Barrow	71.79	17	Iamb	Iamb	22 28 18.7
A21K	Barrow	71.79	17	P	P	22 28 17.3 -0.1
EVO	Evora	72.28	305	eP	P	22 28 18.9 -1.5
PBEJ	Beja	72.28	304	eP	P	22 28 21.7 +0.7
PVAO	Vaqueiros	72.42	303	eP	P	22 28 21.0 -0.8
PCVE	Castro Verde	72.56	304	eP	P	22 28 23.9 +1.2
MESJ	Messajona	72.61	304	eP	P	22 28 23.4 +0.4
PBDV	Barranco-do-Ve	72.64	303	eP	P	22 28 24.2 +1.0
PNCL	Nicolau / Grai	72.72	304	eP	P	22 28 22.5 -1.1
ASAR	Alice Springs	72.78	131	P	P	22 28 23.4 -0.7
TULEG	Thule	72.85	353	i / P	Iamb	22 28 21.0 -2.7
TULEG	Thule	72.85	353	Iamb	Iamb	22 28 23.4
TULEG	Thule	72.85	353	Iamb	Iamb	22 28 24.1
ICESG	Greenland Ices	73.07	341	i / P	Iamb	22 28 24.5 -1.1
ICESG	Greenland Ices	73.07	341	Iamb	Iamb	22 28 26.6
TZRR	Zazarine	73.48	296	P	P	22 28 29.0 +0.6
ZGR	Zagora	73.79	296	P	P	22 28 31.0 +0.7
UPNV	Upernavik	74.23	348	Iamb	Iamb	22 28 29.1 -2.7
UPNV	Upernavik	74.23	348	Iamb	Iamb	22 28 32.1
ANGG	Ammassalik, Gr	74.62	338	i / P	Iamb	22 28 32.9 -1.3
ANGG	Ammassalik, Gr	74.62	338	Iamb	Iamb	22 28 35.1
ANGG	Ammassalik, Gr	74.62	338	Iamb	Iamb	22 28 35.3
QIS	Mount Isa	74.67	125	P	P	22 28 35.7 +0.5
TORD	Torodi Ar. Bea	75.02	277	P	P	22 28 36.9 -0.6
TOLK	Toolik Lake Re	75.39	17	Iamb	Iamb	22 28 40.2
TOLK	Toolik Lake Re	75.39	17	Iamb	Iamb	22 28 40.2
TOLK	Toolik Lake Re	75.39	17	Iamb	Iamb	22 28 38.8 +0.1
LBTB	Lobatse	76.22	231	P	Pmax	22 28 44.7 +0.5
LBTB	Lobatse	76.22	231	Pmax	Pmax	22 28 44.7 +0.5
LBTB	Lobatse	76.22	231	Iamb	Iamb	22 28 45.3
COLD	Coldfoot	76.23	18	Iamb	Iamb	22 28 46.1
COLD	Coldfoot	76.23	18	P	P	22 28 43.8 +0.3
RES	Resolute Bay	76.27	359	P	P	22 28 43.4 -0.2
H21K	Melozitna Rive	76.57	20	Iamb	Iamb	22 28 47.3
H21K	Melozitna Rive	76.57	20	Iamb	Iamb	22 28 46.0 +0.5
H21K	Melozitna Rive	76.57	20	P	P	22 28 46.2 +0.7
MTSU	Mount Surprise	76.66	120	P	P	22 28 46.2 -0.5
DY2G	Dye2	76.69	341	Iamb	Iamb	22 28 45.3 -1.1
DY2G	Dye2	76.69	341	Iamb	Iamb	22 28 46.8
OOD	Oodnadatta	76.78	133	P	P	22 28 47.1 0.0
I21K	Tanana	77.15	20	Iamb	Iamb	22 28 50.7
I21K	Tanana	77.15	20	Iamb	Iamb	22 28 49.6 +0.9
J20K	Nowinta River	77.16	22	Iamb	Iamb	22 28 50.9
J20K	Nowinta River	77.16	22	P	P	22 28 49.9 +1.1
A36M	Sachs Harbour	77.29	8	Iamb	Iamb	22 28 49.5 +0.1
A36M	Sachs Harbour	77.29	8	P	P	22 28 49.3 -0.1
TTA	Tatalina	77.36	23	P	Pmax	22 28 51.0 +0.9
TTA	Tatalina	77.36	23	Iamb	Iamb	22 28 51.0 +0.9
TTA	Tatalina	77.36	23	P	P	22 28 51.1 +1.1
MULG	Mulgathing	77.48	135	P	P	22 28 50.4 -0.6
SFJD	Kangerlussuaq	77.50	343	P	Pmax	22 28 50.2 -0.4
SFJD	Kangerlussuaq	77.50	343	Pmax	Pmax	22 28 50.2 -0.4
SFJD	Kangerlussuaq	77.50	343	i / P	Iamb	22 28 48.4 -2.2
SFJD	Kangerlussuaq	77.50	343	Iamb	Iamb	22 28 50.8
SFJD	Kangerlussuaq	77.50	343	P	P	22 28 50.2 -0.4
SFJD	Kangerlussuaq	77.50	343	Iamb	Iamb	22 28 51.2
MLY	Manley	77.63	20	Iamb	Iamb	22 28 53.2
MLY	Manley	77.63	20	P	P	22 28 52.0 +0.5
K20K	Telida	77.74	22	Iamb	Iamb	22 28 54.4
K20K	Telida	77.74	22	P	P	22 28 53.1 +1.0
H24K	Noodor Dome	77.88	19	Iamb	Iamb	22 28 54.8
H24K	Noodor Dome	77.88	19	Iamb	Iamb	22 28 54.8
H24K	Noodor Dome	77.88	19	P	P	22 28 53.6 +0.7
H24K	Noodor Dome	77.88	19	P	P	22 28 54.0 +0.8
I23K	Minto, Yukon-K	77.96	20	Iamb	Iamb	22 28 55.0
I23K	Minto, Yukon-K	77.96	20	Iamb	Iamb	22 28 55.0
I23K	Minto, Yukon-K	77.96	20	P	P	22 28 53.6 +0.4
FYU	Fort Yukon	78.05	17	Iamb	Iamb	22 28 54.3 +0.6
FYU	Fort Yukon	78.05	17	Iamb	Iamb	22 28 56.1
BPAW	Bear Paw Mtn.	78.22	21	Iamb	Iamb	22 28 56.9
BPAW	Bear Paw Mtn.	78.22	21	Iamb	Iamb	22 28 56.9
BPAW	Bear Paw Mtn.	78.22	21	P	P	22 28 54.8 0.0
L19K	White Mountain	78.26	24	Iamb	Iamb	22 28 57.7
TSUM	Tsumeb	78.34	240	P	P	22 28 56.9 +0.7
CAST	Castle Rocks	78.35	22	P	P	22 28 55.8 +0.4
L20K	Farewell, AK	78.40	23	P	P	22 28 56.5 +0.7
MDM	Murphy Dome	78.43	19	Iamb	Iamb	22 28 57.3
NEA2	Nenana	78.45	20	Iamb	Iamb	22 28 57.7
NEA2	Nenana	78.45	20	Iamb	Iamb	22 28 57.7
NEA2	Nenana	78.45	20	P	P	22 28 56.0 0.0
POKR	Poker Plat Res	78.54	19	Iamb	Iamb	22 28 58.2
POKR	Poker Plat Res	78.54	19	Iamb	Iamb	22 28 58.2
POKR	Poker Plat Res	78.54	19	P	P	22 28 56.8 +0.3
TCOL	CIGO, UAF Yank	78.59	19	P	P	22 28 56.3 -0.4
COLA	College	78.60	19	P	Pmax	22 28 57.5 +0.8
COLA	College	78.60	19	P	P	22 28 57.5 +0.8
COLA	College	78.60	19	P	P	22 28 56.7 -1.1
M19K	Big River Lodg	78.61	24	P	P	22 28 58.2 +0.3
M19K	Big River Lodg	78.61	24	Iamb	Iamb	22 28 59.8
M19K	Big River Lodg	78.61	24	P	P	22 28 58.3 +1.3

KTH	Kantishna Hill	78.62	21	Iamb	Iamb	22 28 59.0
PRPL	Porcupine	78.68	22	P	P	22 28 57.7 +0.3
PRPL	Porcupine	78.68	22	Iamb	Iamb	22 29 07.2
PRP	Porcupine Dome	78.77	18	Iamb	Iamb	22 29 07.2
PRP	Porcupine Dome	78.77	18	Iamb	Iamb	22 29 07.2
WRH	Wood River Hill	78.78	20	Iamb	Iamb	22 28 58.6
BOSA	Boshof	78.85	228	P	P	22 28 58.4 -0.4
BOSA	Boshof	78.85	228	P	P	22 28 58.4 -0.4
TRF	Thorofare Moun	78.90	21	P	P	22 28 58.1 -0.6
IL31	Ilor	78.95	19	Iamb	Iamb	22 28 59.8
ILAR	Eielson Array	78.95	19	P	P	22 28 58.0 -0.7
ILAR	Eielson Array	78.95	19	P	P	22 31 57.1 +0.1
ILAR	Eielson Array	78.95	19	P	P	22 28 58.6 -0.1
ILAR	Eielson Array	78.95	19	P	P	22 28 57.1
ILAR	Eielson Array	78.95	19	P	P	22 28 58.6 -0.1
ILAR	Eielson Array	78.95	19	Iamb	Iamb	22 28 58.9
MCK	McKinley	79.11	20	P	P	22 28 58.5 -1.2
MCK	McKinley	79.11	20	P	P	22 28 58.5 -1.2
HDA	Harding Lake	79.20	19	P	P	22 28 59.1 -1.1
INK	Inuvik	79.27	13	P	P	22 28 00.1 -0.2
INK	Inuvik	79.27	13	P	P	22 28 00.1 -0.2
CTA	Charters Tower	79.29	120	P	P	22 29 00.8 -0.5
CTA	Charters Tower	79.29	120	P	P	22 29 01.0 -0.2
CTA	Charters Tower	79.29	120	P	P	22 29 01.5 +0.3
CTA	Charters Tower	79.29	120	Pmax	Pmax	22 29 01.5 +0.3
CTA	Charters Tower	79.29	120	P	P	22 29 02.3
CTA	Charters Tower	79.29	120	P	P	22 29 01.1 -0.2
N19K	Bonanza Creek	79.31	24	Iamb	Iamb	22 29 01.9 +0.9
N19K	Bonanza Creek	79.31	24	Iamb	Iamb	22 29 05.7
KOWA	Kowa	79.33	281	P	P	22 29 02.2 +0.5
KOWA	Kowa	79.33	281	Iamb	Iamb	22 29 03.3
KOWA	Kowa	79.33	281	P	P	22 29 02.7 +1.0
RND	Reindeer	79.38	21	Iamb	Iamb	22 29 01.7
J25K	Galcha River	79.50	19	P	P	22 29 01.0 -0.8
CUT	Chulitna	79.65	22	Iamb	Iamb	22 29 30.9
CUT	Chulitna	79.65	22	P	P	22 29 02.3 -0.3
O19K	Port Alsworth	79.79	25	P	P	22 29 04.0 +0.7
O19K	Port Alsworth	79.79	25	Iamb	Iamb	22 29 05.5
O19K	Port Alsworth	79.79	25	P	P	22 29 04.1 +0.7
P18K	Big Mountain,	80.00	26	P	P	22 29 04.9 +0.3
P18K	Big Mountain,	80.00	26	Iamb	Iamb	22 29 06.5
P18K	Big Mountain,	80.00	26	P	P	22 29 05.0 +0.4
DHY	Denali Highway	80.07	20	P	P	22 29 04.3 -0.8
INKA	Inninka	80.08	129	P	P	22 29 05.6 +0.3
J26L	Joseph Creek	80.09	18	P	P	22 29 04.9 -0.2
M22K	Willow	80.17	22	P	P	22 29 05.1 -0.3
LCRK	Leigh Creek	80.20	133	P	P	22 29 05.8 -0.1
EPYK	Eagle Plains	80.26	15	Iamb	Iamb	22 29 06.7
EPYK	Eagle Plains	80.26	15	Iamb	Iamb	22 29 06.7
EPYK	Eagle Plains	80.26	15	Iamb	Iamb	22 29 06.7
EPYK	Eagle Plains	80.26	15	Iamb	Iamb	22 29 06.7
RIDG	Independent Ri	80.32	19	P	P	22 29 05.8 -0.5
WAT6	Susitna Weat A	80.33	21	P	P	22 29 05.5 -0.9
SCRK	Sand Creek	80.38	19	Iamb	Iamb	22 29 08.0
SCRK	Sand Creek	80.38	19	Iamb	Iamb	22 29 08.0
SCRK	Sand Creek	80.38	19	Iamb	Iamb	22 29 06.3 -0.3
BBOO	Buckleboo	80.46	136	Iamb	Iamb	22 29 07.0
BBOO	Buckleboo	80.46	136	P	P	22 29 06.1 -1.2
EGAK	Eagle	80.50	17	Iamb	Iamb	22 29 08.3
EGAK	Eagle	80.50	17	P	P	22 29 07.2 +0.1
GHO	Glory Hole Cre	80.55	22	P	P	22 29 07.6 0.0
GHO	Glory Hole Cre	80.55	22	Iamb	Iamb	22 29 09.1
PMR	Palmer	80.61	22	P	P	22 29 07.9 +0.1
PMR	Palmer	80.61	22	Pmax	Pmax	22 29 07.9 +0.1
PMR	Palmer	80.61	22	P	P	22 29 07.9 +0.1
PMR	Palmer	80.61	22	Iamb	Iamb	22 29 08.9
PMR	Palmer	80.61	22	P	P	22 29 07.0 -0.8
SML	Sawmill	80.72	22	P	P	22 29 08.4 0.0
PAX	Pax	80.73	20	P	P	22 29 08.1 -0.4
I29M	Ogilvie Camp,	80.74	16	P	P	22 29 07.9 -0.6
RC01	Rabbit Creek A	80.78	23	Iamb	Iamb	22 29 10.0
RC01	Rabbit Creek A	80.78	23	Iamb	Iamb	22 29 08.6 -0.1
Q19K	Cape Douglas,	80.91	26	P	P	22 29 08.6 -0.9
KNK	Knik Glacier	80.97	22	P	P	22 29 09.4 -0.3
SCM	Sheep Creek Mo	81.02	21	P	P	22 29 09.8 -0.3
M24K	Tolsona, Glenn	81.17	21	P	P	22 29 11.6 +0.7
M24K	Tolsona, Glenn	81.17	21	Iamb	Iamb	22 29 37.8
M24K	Tolsona, Glenn	81.17	21	P	P	22 29 11.1 +0.2
O22K	Cooper Landing	81.22	23	P	P	22 29 10.7 -0.3
HARP	HAARP	81.26	20	P	P	22 29 11.9 +0.6
L26K	Log Cabin Wild	81.30	19	P	P	22 29 12.1 +0.6
L26K	Log Cabin Wild	81.30	19	Iamb	Iamb	22 29 13.3
L26K	Log Cabin Wild	81.30	19	P	P	22 29 11.6 +0.1
CNPM	China Poot	81.38	24	Iamb	Iamb	22 29 14.9
BRSE	Bradley Lake S	81.40	24	P	P	22 29 11.8 -0.3
PWL	Port Wells	81.41	22	Iamb	Iamb	22 29 15.6
PWL	Port Wells	81.41	22	P	P	22 29 11.6 -0.5
J29M	Kondor Camp	81.51	16	P	P	22 29 12.5 -0.2
DAWY	Dawson	81.53	17	Iamb	Iamb	22 29 13.9
DAWY	Dawson	81.53	17	P	P	22 29 12.5 -0.3
WHYH	Whyalla	81.54	135	P	P	22 29 13.0 0.0
SEW	Seward	81.59	23	Iamb	Iamb	22 29 14.1
SEW	Seward	81.59	23	P	P	22 29 12.8 -0.2
L27K	Beaver Creek,	81.70	18	P	P	22 29 14.4 +0.8
L27K	Beaver Creek,	81.70	18	Iamb	Iamb	22 29 15.6
L27K	Beaver Creek,	81.70	18	P	P</	

18d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PEXB, ITTB, NPGB, ARAG, CLDB, etc.

IDC 18 22:21:38.8, 0.9, 63.53S; 171.43E, h0km, mb4.6/6, mb1.4/8.7, mb1mx4.3/3.4, mbtmpt4.7/7, ML4.8/1, MS4.6/5, Ms1.4/6.5, ms1mx4.3/1.9 Error ellipse: s-maj=44.2km s-min=22.5km az=60.0

NEIC 18 22:21:41.1, 1.9, 63.55S; 0.1x171.4E, 0.3, h10km, 1km, mb4.8/2.1, Error ellipse: s-maj=23.1km s-min=19.9km az=257.0

GCMT 18 22:21:42.1, 0.2, 63.35S; 0.01x171.35E, 0.03, h19km, 1km, MW5.4/11.9, Moment Tensor Solution. s63, c84; s119, c188; Duration: 152 Moment tensor: Scale 10^17 Nm; Mn=0.44; M1=1.33; M2=0.89; M3=0.89; M4=0.89; M5=0.89; M6=0.89; M7=0.89; M8=0.89; M9=0.89; M10=0.89; M11=0.89; M12=0.89; M13=0.89; M14=0.89; M15=0.89; M16=0.89; M17=0.89; M18=0.89; M19=0.89; M20=0.89; M21=0.89; M22=0.89; M23=0.89; M24=0.89; M25=0.89; M26=0.89; M27=0.89; M28=0.89; M29=0.89; M30=0.89; M31=0.89; M32=0.89; M33=0.89; M34=0.89; M35=0.89; M36=0.89; M37=0.89; M38=0.89; M39=0.89; M40=0.89; M41=0.89; M42=0.89; M43=0.89; M44=0.89; M45=0.89; M46=0.89; M47=0.89; M48=0.89; M49=0.89; M50=0.89; M51=0.89; M52=0.89; M53=0.89; M54=0.89; M55=0.89; M56=0.89; M57=0.89; M58=0.89; M59=0.89; M60=0.89; M61=0.89; M62=0.89; M63=0.89; M64=0.89; M65=0.89; M66=0.89; M67=0.89; M68=0.89; M69=0.89; M70=0.89; M71=0.89; M72=0.89; M73=0.89; M74=0.89; M75=0.89; M76=0.89; M77=0.89; M78=0.89; M79=0.89; M80=0.89; M81=0.89; M82=0.89; M83=0.89; M84=0.89; 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M997=0.89; M998=0.89; M999=0.89; M1000=0.89

ISC 18 22:21:40.7, 0.6, 63.53S; 0.07x171.4E, 0.2, h10km, n59, c0666/37, mb4.8/12, MS4.8/8, 1D, Balleny Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VVDA, SBA, WHZ, Deep DCZ, MLZ, OKZ, WDK, WKZ, LBZ, RPZ, LTZ, KHZ, NNZ, QRZ, CASY, QSPA, RAO, BELA, MAW, DZM, HYO, S101, H01W2, H01W3, SNA, SNA, SNA, SNA, VNA3, VNA3, VNA3, VNA3, VNA1, CTA, ASAR, TBI, PAE, PPT2, MEH, VAH, TAOE, AC02, CPUP, CPUP, CPUP, BOSA, BOSA, BOSA, H08S1, H08S2, H08S3, LPAZ.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ, CMAR, ILAR, KBZ, NRIK, NRIK, NRIK, NRIK, BRTR.

TAP 18 22:21:40.1, 23.16N, 120.96E, h4km, 1km, ML1.4, D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAIWAN, ELDTW, ELDTW, STYH, STYH, FULB.

IDC 18 23:15:37.7, 2.6, 20.85S; 168.37E, h0km, mb3.7/3, mb1.4/0.4, mb1mx3.7/2.2, mbtmpt3.7/4, ML2.5/1, Error ellipse: s-maj=160.0km s-min=31.0km az=155.0, Loyalty Islands

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

IDC 18 23:41:46.7, 0.9, 57.95S; 9.48W, h0km, mb4.2/8, mb1.4/4.9, mb1mx4.1/2.9, mbtmpt4.3/9, ML4.8/1, MS4.3/1.9, Ms1.4/2.1, ms1mx4.2/2.6, Error ellipse: s-maj=32.2km s-min=21.2km az=60.0

NEIC 18 23:41:50.0, 1.7, 58.1S; 0.1x9.4W, 0.2, h15km, 5km, mb4.6/1.6, Error ellipse: s-maj=20.9km s-min=16.0km az=210.0

GCMT 18 23:41:53.0, 0.2, 58.1S; 0.01x9.30W, 0.02, h28km, 1km, MW5.2/11.9, Moment Tensor Solution. s64, c82; s119, c194; Duration: 152 Moment tensor: Scale 10^16 Nm; Mn=0.38; M2=3.40; M3=3.40; M4=3.40; M5=3.40; M6=3.40; M7=3.40; M8=3.40; M9=3.40; M10=3.40; M11=3.40; M12=3.40; M13=3.40; M14=3.40; M15=3.40; M16=3.40; M17=3.40; M18=3.40; M19=3.40; M20=3.40; M21=3.40; M22=3.40; M23=3.40; M24=3.40; M25=3.40; M26=3.40; M27=3.40; M28=3.40; M29=3.40; M30=3.40; M31=3.40; M32=3.40; M33=3.40; M34=3.40; M35=3.40; M36=3.40; M37=3.40; M38=3.40; M39=3.40; M40=3.40; M41=3.40; M42=3.40; M43=3.40; M44=3.40; M45=3.40; M46=3.40; M47=3.40; M48=3.40; M49=3.40; M50=3.40; M51=3.40; M52=3.40; M53=3.40; M54=3.40; M55=3.40; M56=3.40; M57=3.40; M58=3.40; M59=3.40; M60=3.40; M61=3.40; M62=3.40; M63=3.40; M64=3.40; M65=3.40; M66=3.40; M67=3.40; M68=3.40; M69=3.40; M70=3.40; M71=3.4

M22K	Willow	2.77	35	Pn	23 53 43.9	+0.3
M22K	Willow	2.77	35	P	23 53 43.9	+0.3
PWL	Port Wells	2.88	60	Pn	23 53 44.5	-0.6
PWL	Port Wells	2.88	60	IAML	23 54 19.3	
L20K	Farewell, AK	2.98	356	P	23 53 46.7	+0.4
L20K	Farewell, AK	2.98	356	P	23 53 46.7	+0.4
PMR	Palmer	2.98	44	Pn	23 53 45.3	-0.9
PMR	Palmer	2.98	44	IAML	23 54 21.1	
PMR	Palmer			IAML	23 54 23.5	
PMR	Palmer	2.98	44	P	23 53 45.3	-0.9
SII	Sitkinak Isian	3.00	188	Pn	23 53 45.6	-1.1
SII	Sitkinak Isian	3.00	188	P	23 53 45.6	-1.1
KNK	Knik Glacier	3.11	50	Pn	23 53 47.3	-0.9
KNK	Knik Glacier	3.11	50	IAML	23 54 22.8	
KNK	Knik Glacier			IAML	23 54 24.3	
KNK	Knik Glacier	3.11	50	P	23 53 47.3	-0.9
GHO	Glory Hole Cre	3.17	43	IAML	23 53 48.0	-1.0
GHO	Glory Hole Cre	3.17	43	IAML	23 54 26.4	
GHO	Glory Hole Cre			IAML	23 54 26.8	
CUT	Chulitna	3.28	27	Pn	23 53 50.3	0.0
CUT	Chulitna			IAML	23 54 30.4	
CUT	Chulitna			IAML	23 54 32.9	
SUT	Chulitna	3.28	27	P	23 53 50.7	+0.4
CML	Sawmill	3.40	45	Pn	23 53 51.0	-1.0
SML	Sawmill	3.40	45	IAML	23 54 31.1	
SML	Sawmill			IAML	23 54 33.1	
SML	Sawmill	3.40	45	P	23 53 51.0	-1.0
PPLA	Purkeypile	3.44	10	Pn	23 53 52.9	+0.3
PPLA	Purkeypile	3.44	10	P	23 53 53.7	+1.1
GLI	Glacier Island	3.45	64	Pn	23 53 52.0	-0.6
GLI	Glacier Island	3.45	64	IAML	23 54 30.7	
GLI	Glacier Island			IAML	23 54 32.7	
GLI	Glacier Island	3.45	64	P	23 53 52.0	-0.6
HIN	Hinchinbrook I	3.60	73	Pn	23 53 54.5	-0.1
HIN	Hinchinbrook I	3.60	73	IAML	23 54 34.9	
HIN	Hinchinbrook I			IAML	23 54 35.8	
TT01	Tatalina	3.62	341	Pn	23 53 54.7	-0.1
Q23K	Middleton Isla	3.62	88	Pn	23 53 54.5	-0.3
Q23K	Middleton Isla	3.62	88	P	23 53 54.5	-0.3
MID	Middleton Isla	3.63	88	Pn	23 53 54.4	-0.5
TTA	Tatalina	3.64	341	Pn	23 53 55.0	-0.1
TTA	Tatalina	3.64	341	P	23 53 55.0	-0.1
FID	Port Fidalgo	3.69	68	Pn	23 53 54.2	-1.6
JPK	Jack Peak	3.74	63	Pn	23 53 55.8	-0.7
SCM	Sheep Creek Mo	3.80	50	IAML	23 53 56.6	-0.7
SCM	Sheep Creek Mo	3.80	50	IAML	23 54 41.2	
SCM	Sheep Creek Mo			IAML	23 54 42.0	
K20K	Telida	3.86	356	Pn	23 53 58.3	+0.2
K20K	Telida	3.86	356	P	23 53 58.3	+0.2
CAST	Castle Rocks	3.96	9	Pn	23 53 59.8	+0.3
CAST	Castle Rocks	3.96	9	P	23 53 59.7	+0.3
EYAK	Cordova Ski Ar	3.99	72	Pn	23 53 59.1	-0.7
EYAK	Cordova Ski Ar	3.99	72	P	23 53 59.1	-0.7
WAT7	Susitna Watana	4.00	32	Pn	23 53 59.6	-0.3
WAT1	Susitna Watana	4.08	33	Pn	23 54 00.3	0.6
WAT1	Susitna Watana	4.08	33	P	23 54 00.3	-0.6
WAT6	Susitna Watana	4.13	40	Pn	23 54 00.9	-0.9
WAT6	Susitna Watana	4.13	40	P	23 54 00.9	-0.9
DIV	Divide	4.14	64	Pn	23 54 01.3	-0.5
CHGN	Chignik	4.18	222	Pn	23 54 02.0	-0.2
CHGN	Chignik			IAML	23 55 22.0	
CHGN	Chignik			IAML	23 56 49.4	
KLU	Klutina	4.21	59	Pn	23 54 02.2	-0.6
KLU	Klutina	4.21	59	IAML	23 54 50.5	
KLU	Klutina			IAML	23 54 02.2	-0.6
KTH	Kantishna Hill	4.22	16	Pn	23 54 02.9	0.0
KTH	Kantishna Hill	4.22	16	IAML	23 55 36.6	
TRF	Thorofare Moun	4.22	20	Pn	23 54 02.5	-0.5
TRF	Thorofare Moun	4.22	20	IAML	23 54 50.6	
TRF	Thorofare Moun			IAML	23 55 25.5	
TRF	Thorofare Moun	4.22	20	P	23 54 02.5	-0.5
M24K	Tolsona, Glenn	4.40	51	Pn	23 54 05.2	-0.2
M24K	Tolsona, Glenn	4.40	51	IAML	23 55 48.9	
M24K	Tolsona, Glenn	4.40	51	P	23 54 05.2	-0.2
RND	Reindeer	4.48	27	Pn	23 54 05.8	-0.6
RND	Reindeer	4.48	27	IAML	23 55 31.1	
RAGM	Ragged Mountai	4.49	75	Pn	23 54 05.9	-0.7
GOAT	Goat Mountain	4.50	73	Pn	23 54 06.2	-0.4
KAIM	Kayak Island	4.59	81	Pn	23 54 07.8	0.0
KAIM	Kayak Island	4.59	81	P	23 54 07.8	0.0
DHY	Denali Highway	4.61	37	Pn	23 54 07.5	-0.7
DHY	Denali Highway	4.61	37	IAML	23 55 02.4	
DHY	Denali Highway			IAML	23 55 03.1	
DHY	Denali Highway	4.61	37	P	23 54 07.5	-0.7
BMRM	Bremner River	4.64	68	Pn	23 54 07.8	-0.6
BMRM	Bremner River	4.64	68	IAML	23 55 01.7	
BMRM	Bremner River			IAML	23 55 01.7	
BMRM	Bremner River	4.64	68	P	23 54 07.8	-0.6
J20K	Nowinta River	4.68	356	Pn	23 54 09.1	+0.1
J20K	Nowinta River	4.68	356	IAML	23 55 59.8	
J20K	Nowinta River	4.68	356	P	23 54 09.1	+0.1
HMT	Hamilton	4.69	76	Pn	23 54 09.2	+0.1
BPAW	Bear Paw Mtn.	4.74	13	Pn	23 54 09.5	-0.3
BPAW	Bear Paw Mtn.	4.74	13	IAML	23 55 19.5	
BPAW	Bear Paw Mtn.			IAML	23 57 08.7	
BPAW	Bear Paw Mtn.	4.74	13	P	23 54 09.5	-0.3
MCK	McKinley	4.74	25	IAML	23 54 09.5	-0.3
MCK	McKinley	4.74	25	IAML	23 55 05.7	
MCK	McKinley			IAML	23 56 41.9	
MCK	McKinley	4.74	25	P	23 54 09.5	-0.3
NICHA	Nichawak Mount	4.83	77	Pn	23 54 10.8	-0.2
N25K	Chitina, Valde	4.84	61	IAML	23 54 10.8	-0.4
N25K	Chitina, Valde	4.84	61	IAML	23 55 06.2	
N25K	Chitina, Valde			IAML	23 55 07.4	
N25K	Chitina, Valde	4.84	61	P	23 54 10.8	-0.4

SUCK	Sucking Hills	4.91	79	Pn	23 54 12.6	+0.5
HARP	HAARP	4.96	51	Pn	23 54 51.0	+0.2
HARP	HAARP	4.96	51	P	23 54 51.0	+0.2
BERG	Berg Lake	4.97	76	Pn	23 54 12.6	-0.4
BWN	Brown	5.03	20	Pn	23 54 13.4	-0.3
BWN	Brown			IAML	23 56 37.6	
GLB	Gliahina Butte	5.14	64	Pn	23 54 14.7	-0.6
GLB	Gliahina Butte	5.14	64	IAML	23 55 12.3	
GLB	Gliahina Butte			IAML	23 55 13.0	
GRIN	Grille Hills	5.15	77	Pn	23 54 15.2	-0.2
PAX	Paxson	5.17	45	Pn	23 54 15.6	-0.1
PAX	Paxson	5.17	45	P	23 54 15.6	-0.1
KHIT	Khitroq Hills	5.20	75	Pn	23 54 15.7	-0.5
VRDI	Verde Repeater	5.24	67	IAML	23 54 16.5	-0.3
VRDI	Verde Repeater	5.24	67	IAML	23 55 15.5	
VRDI	Verde Repeater			IAML	23 55 16.4	
CRQM	Crirque	5.30	72	Pn	23 54 17.2	-0.3
CRQE	Crirque	5.32	72	P	23 54 17.2	-0.5
SNH	Sunshine Point	5.39	78	Pn	23 54 18.9	+0.3
WAX	Waxel Ridge	5.40	76	Pn	23 54 18.5	-0.2
TGI	Tana Glacier	5.45	72	Pn	23 54 19.2	-0.3
GCSA	Galena City Sc	5.49	344	Pn	23 54 19.3	-0.5
GCSA	Galena City Sc	5.49	344	P	23 54 19.3	-0.5
MCARA	McCarthy VSAT	5.49	66	Pn	23 54 19.7	-0.2
MCARA	McCarthy VSAT	5.49	66	P	23 54 19.7	-0.2
NEA2	Nenana	5.49	20	Pn	23 54 18.9	-1.0
NEA2	Nenana	5.49	20	P	23 54 18.8	-1.0
WRH	Wood River Hill	5.57	25	Pn	23 54 20.1	-0.9
ISLE	Juniper Island	5.67	74	Pn	23 54 22.3	-0.1
PTPK	Patty Peak	5.70	68	Pn	23 54 23.2	+0.3
KIAG	Kiagna River	5.70	71	Pn	23 54 22.9	-0.1
I21K	Tanana	5.72	6	Pn	23 54 23.5	+0.5
BALN	Baldy	5.73	70	Pn	23 54 23.2	+0.3
BAGL	Bagley Icefield	5.78	75	Pn	23 54 24.1	+0.3
CCB	Clear Creek Bu	5.78	25	Pn	23 54 22.8	-1.0
MENT	Mentasta	5.81	50	Pn	23 54 24.5	+0.2
MESA	MESA	5.83	79	Pn	23 54 23.6	-1.1
RIDG	Independent Ri	5.89	40	Pn	23 54 26.0	+0.7
YAH	Yah	5.94	77	Pn	23 54 26.2	0.0
COLA	College	5.97	24	Pn	23 54 25.4	-1.0
MDM	Murphy Dome	5.97	22	Pn	23 54 25.7	-0.8
L26K	Log Cabin Wild	6.00	50	Pn	23 54 27.2	+0.4
BARN	Barnard Glacie	6.06	70	Pn	23 54 27.8	+0.1
DOT	Dot Lake	6.10	43	Pn	23 54 28.9	+0.8
IL31	Illo	6.10	27	Pn	23 54 27.1	-0.9
ILAR	Eielson Array	6.10	20	Pn	23 54 27.5	-0.6
H21K	Melozitna Rive	6.17	2	Pn	23 54 28.5	-0.5
H21K	Melozitna Rive	6.17	2	P	23 54 28.5	-0.5
CTG	Chitina Glacier	6.20	71	Pn	23 54 29.8	+0.2
CTGM	Chitina Glacier	6.20	71	Pn	23 54 29.8	+0.1
TABL	Table Mountain	6.24	76	Pn	23 54 30.2	0.0
CHX	Chaix Hills	6.25	80	Pn	23 54 30.0	0.0
POKR	Poker Plat Res	6.27	24	Pn	23 54 29.8	-0.9
POKR	Poker Plat Res	6.27	24	P	23 54 29.6	-0.9
M27K	Edge Creek, AK	6.31	58	Pn	23 54 31.0	-0.2
M27K	Edge Creek, AK	6.31	58	P	23 54 31.0	-0.2
SCRK	Sand Creek	6.33	41	Pn	23 54 30.8	-0.6
SCRK	Sand Creek	6.33	41	P	23 54 30.8	-0.6
LOGN	Logan Glacier	6.34	73	Pn	23 54 31.2	-0.4
J25K	Salcha River	6.36	33	Pn	23 54 30.8	-0.9
J25K	Salcha River	6.36	33	P	23 54 30.8	-0.9
IM03	Indian Mountai	6.49	359	Pn	23 54 33.3	0.0
IMAR	Indian Mountai	6.49	359	Pn	23 54 33.9	+0.5
YUK2	White River	6.64	53	Pn	23 54 36.0	+0.6
BC03	Beaver Creek A	6.64	53	Pn	23 54 35.8	+0.3
PCAR	Pinnacle	6.68	79	Pn	23 54 36.7	+0.7
PINM	Pinnacle	6.68	79	P	23 54 36.7	+0.6
YUK3	Moose Creek	6.77	65	Pn	23 54 37.9	+0.5
YUK3	Moose Creek	6.77	65	P	23 54 37.9	+0.5
J26L	Joseph Creek	6.82	39	Pn	23 54 37.1	-0.9
J26L	Joseph Creek	6.82	39	P	23 54 37.1	-0.9
H24K	Noodor Dome	6.83	20	Pn	23 54 37.0	-1.1
H24K	Noodor Dome	6.83	20	P	23 54 37.0	-1.1
BCPM	Benacs Point	6.99	81	Pn	23 54 42.3	+2.0
PRP	Porcupine Dome	7.04	28	Pn	23 54 40.5	-0.4
PRP	Porcupine Dome	7.04	28	P	23 54 40.5	-0.4
PNL	Peninsula	7.13	83	Pn	23 54 41.7	-0.4
EGAK	Eagle	7.79	42	Pn	23 54 50.9	-0.1
FYU	Fort Yukon	7.99	24	Pn	23 54 52.7	-0.8
DAWY	Dawson	8.06	50	Pn	23 54 55.1	+0.5
BM03	Burnt Mountain	8.85	23	Pn	23 55 04.5	-0.7
BMAR	Burnt Mountain	8.86	23	Pn	23 55 04.6	-0.8
EM01	Burnt Mountain	9.18	237	Pn	23 55 11.0	+1.5
UNJV	Unalaska Valle	9.21	83	Pn	23 55 12.2	+2.0
SKAG	Skagway	9.34	75	Pn	23 55 12.8	+0.8
WHY	Whitehorse	9.34	75	Pn	23 55 12.8	+0.8
BESE	Bessie Mountai	9.65	87	Pn	23 55 17.4	+1.6
SIT	Sitka	9.82	98	Pn	23 55 19.2	+0.4
JIS	Juneau Island	9.94	89	Pn	23 55 22.3	+2

19d Oh

Table with columns for station code, name, frequency, and signal strength. Includes stations like JCH, PEA0B, PETK, etc.

2015 DEC

Table with columns for station code, name, frequency, and signal strength. Includes stations like JNU, JNU, KSKCH, etc.

918

Table with columns for station code, name, frequency, and signal strength. Includes stations like RND, RND, RND, etc.

19d 0h

Table of astronomical observations for 19d 0h, listing stations like KARS, ANMO, SORM, etc., with their respective coordinates and observation times.

2015 DEC

Main table of astronomical observations for December 2015, listing stations like KHC, UMR, GZR, etc., with their respective coordinates and observation times.

920

Table of astronomical observations for 920, listing stations like SSB, EIL, IDI, etc., with their respective coordinates and observation times.

IDC 19:00:25:52.4.6.6, 31'20S, 178.14W, h0km, mb3.6/2, mbl 3.9/2, mblmx3.1/26, mbtmp3.6/2, Error ellipse: s-maj=281.4km s-min=54.1km az=157.0, Kermadec Islands region

ASAR Alice Springs 42.95 268 P Op ISC P 00 33 52.6 -0.8 WRA Warramunga Arr 44.01 273 P P 00 34 02.5 +0.5 FINES Finnesse Array B 145.85 399 PKPbc PKPdf 00 45 32.0 -0.3

IDC 19:00:42:05.4.0.5, 1'33N, 90'95E, h0km, mb4.5/22, mbl 4.6/25, mblmx4.3/45, mbtmp4.5/25, ML4.3/2, MS3.7/25, M5.1.3/725, mblmx3.6/37, Error ellipse: s-maj=15.7km s-min=13.4km az=45.0

DJA 19:00:42:06.9.0.2, 2'N, 94'9.1E, h10km, M5.1/27, mbl5.5/5, mb4.9/27, MLv5.2/7, Mw(mB)5.0/5 NEIC 19:00:42:07.8.1.4, 1'88N, 0.10.90.95E, 0.07, h10km, 1km, mb4.8/72, Error ellipse: s-maj=16.6km s-min=11.3km az=179.0

KLM 19:00:42:13.1'95N, 91'15E, h0km, mb4.8 ISC 19:00:42:06.7.0.1, 1'76N, 0.06.91'01E, 0.04, h10km, m226, r1854/219, mb4.8/75, MS3.8/24, 6C-14D, North Indian Ocean

Table of astronomical observations for 920, listing stations like TPTI, GSI, GSI, etc., with their respective coordinates and observation times.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like H08S1 Diego Garcia H, SBUM Sibiu, GOA Goa, BOK Bokaro, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like SONM Songo Array, SONM Songo Array, SONM Songo Array, etc.

19d 1h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like FINES FINES Array B, KRLL Arzberg, ARSA Arzberg, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like RAO Raoul Island, RAO Lord Howe Island, RAO Lord Howe Island, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like TAU Tasmania Unive, TAU Tasmania Unive, HTT Hallett, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, TAOE comp=Z,14um,25.5s, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GLI, K02D, H06S1, ULN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like QSM, NV11, BCN, BWC, J05D, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TUC, D08A, BMO, KNB, SZCU, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like MOX, NKK, NKNC, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like SNF, STON, RCHB, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like PERV, ILIN, CLDR, etc.

19d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ALFC, HDMB, BRDR, ISF, ERIMK, NATA, TEKE, ARG, KKBE, TURN, TURUN, KMER, KONG, PASA, SHUT, DAT, GAZ, GCAM.

DJA 19 02:24:51.8,0.6,4.5;S:5.12;9E. h22km, M4.07, MLv4.0/7
NEIC 19 02:24:54.9,2.3,3.96S;0.08,129.30E;0.08, h62km, 9km,
mb4.1/12, Error ellipse: s-maj=12.7km s-min=10.5km
az=205.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSAI, AAI, FAKI, SANI, LBMI, SIJI, SWI, KAPI, KNRA, WB9, WRAB, WRA, WB2, PSA00, AS31, ASAR, ASAR, CMAR.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHTO, SONM, MKR31, ZAAO, ZALV, KURBB, KURK, ABKAR, AKTO, ARU, IL31, ILAR.

MOS 19 02:30:01.6;0.0,42.52N;44.56E, h16km, MPVA3.4
NORS 19 02:30:02.0;0.0,42.56N;44.55E, h9km, MPVA3.4
DRS 19 02:30:05.0;0.0,42.58N;44.64E, h17km
ISC 19 02:30:04.3,0.8,42.58N;0.02,44.60E;0.02, h13km, 5km,
n34, c124/70, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTEO, GUDG, LACR, VLKR, KMGF, ZEI, KORR, ARNR, BTKR, DIGR, ONI, STOR, LSNR, GROC, TRILG, BRNG, DVE, PRTR, BTLR, TKB, DGRG, DMNI, LGD, NEY, XNZR, ABS, DLMR, DDFL, DBC, DEC, KRNR, GNB, ARKR, SHAI, KMKR.

19 02:36:37.0,6.7,36.19N;71.42E, h91km, 110km, mb3.7/5,
mb1.3/6.7, mb1mx3.0/60, mbtmp3.9/7, ML3.4/2, MS3.7/1,
Ms1.3/7.1, ms1mx3.3/41, Error ellipse: s-maj=183.7km
s-min=42.5km az=105.0
NINC 19 02:36:39.1,7.0,36.91N;70.53E, h0km, mb4.2, mpv3.9,
Error ellipse: s-maj=55.8km s-min=45.0km az=3.0
ISC 19 02:36:42.1,5.3,36.7N;0.1,70.8E;0.1, h100km, n20,
c122/23, mb4.1/5, 6C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML, UCH, EK2S, KK09, AAK, AAK, AAK, CHMS, USP, TKM2, GYM2, MKAR, AB31, AB31, FINES, ARCES, HFS.

928

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

19 02:41:36.5,1.6,18.10S;169.18E, h0km, mb4.0/3,
mb1.4/2.5, mb1mx3.6/41, mbtmp3.9/5, ML4.0/2, Error
ellipse: s-maj=55.2km s-min=26.7km az=158.0
NEIC 19 02:41:38.9,1.5,18.3S;0.2,169.2E;0.1, h10km, 2km,
mb4.3/1, Error ellipse: s-maj=40.7km s-min=7.5km
az=330.0
ISC 19 02:41:41.1,1.1,18.3S;0.2,169.2E;0.1, h35km, n11,
c124/11, mb4.1/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LIFNC, MARNC, PINNC, DZM, MSVF, WRA, AS31, ASAR, ILAR.

19 02:43:39.3,1.1,18.09S;169.23E, h0km, mb4.3/7,
mb1.4/5.9, mb1mx4.1/41, mbtmp4.3/9, ML4.6/2, MS4.6/1,
Ms1.4/6.1, ms1mx3.7/31, Error ellipse: s-maj=31.1km
s-min=22.9km az=155.0
NOU 19 02:43:39.8,18.38S;169.36E, h0km, MLv4.8/12, Vanuatu
Islands
NEIC 19 02:43:40.9,1.9,18.25S;0.04,169.28E;0.09, h10km, 1km,
mb4.7/2, Error ellipse: s-maj=14.1km s-min=7.5km
az=82.0

ISC 19 02:43:44.0,0.5,18.30S;0.05,169.36E;0.08, h35km, n99,
c140/90, mb4.7/20, MS4.8/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RTV, DVP, LIFNC, MARNC, SANVU, SAUVU, DZM, DZM, DZM, STKA, STKA, WB2, WRAB, WRA, BBOO, ASAR, H1S2, H1S3, H1S1, H1N1, H1N3, H1N2, H1N1, TAOE, Vnda, Vnda, SBA, KS19, NJ2, USRK, QSPA, CN2, CMAR, CMAR, HHC, CD2, LZH, LZH, BELA, ULN, SONM, SONM, GTA, GTA, NVAR.

19 02:50:01.0,0.5,18.30S;0.05,169.36E;0.08, h35km, n99,
c140/90, mb4.7/20, MS4.8/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA, STKA, WB2, WRAB, WRA, BBOO, ASAR, H1S2, H1S3, H1S1, H1N1, H1N3, H1N2, H1N1, TAOE, Vnda, Vnda, SBA, KS19, NJ2, USRK, QSPA, CN2, CMAR, CMAR, HHC, CD2, LZH, LZH, BELA, ULN, SONM, SONM, GTA, GTA, NVAR.

19d 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MALAZ, TASBURUN, VNNZ, NAREK, etc.

JMA 19 03:27:47.3±0.1, 22.90N:121.36E, h39km, M3.4
ISC 19 03:27:48.7, 22.91N:121.33E, h36km, ML3.5, 0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EDH, CHKT, LDUT, LONT, TTN, etc.

2015 DEC

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHN4, SCZT, SNST, SNST, etc.

930

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TKM2, KK09, GARM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Granite Creek, Waxed Ridge, Logan Glacier, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Beaver Creek, Bering Glacier, Logan Glacier, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Wood River Hill, Clear Creek Bu, Slope Mountain, etc.

HEL 19 04:24:01.8, 0.3, 67.66N, 33.83E, h0km, ML2.0, Explosion
KOLA 19 04:24:02.3, 67.66N, 33.73E, h0km, ML2.1, Khinbiny, mines
NAO 19 04:24:02.3, 67.67N, 33.67E, ML2.7
ISC 19 04:24:01.2, 3.1, 67.63N, 0.03, 33.78E, 0.06, h0km, n32, r136/64, Baltic States-Belarus-Northwestern Russia

SFIN	baz=185 Lafayette	38.20 357	P	P	04 34 48.3 -0.5
SMTB	Santa Maria do Hopeite	38.31 107	eP	P	04 34 50.5 +0.3
SDH	baz=172 Albuquerque	38.55 354	P	P	04 34 51.7 -0.1
ANMO	Albuquerque	38.59 330	P	P	04 34 52.9 +0.5
ANMO	Albuquerque	38.59 330	P	P	04 34 53.0 +0.6
ANMO	Albuquerque	38.59 330	P	P	04 34 53.0 +0.6
ANMO	Albuquerque	38.59 330	P	P	04 34 53.3 +0.9
SSPA	Standing Stone	38.84 8	P	P	04 34 54.9 +0.7
SSPA	Standing Stone	38.84 8	P	P	04 34 54.1 -0.1
N41A	Harden Midland	38.89 352	I Amb	I Amb	04 35 00.9
TUC	Tucson	38.96 323	P	P	04 34 56.2 +0.8
TUC	Tucson	38.96 323	P	P	04 34 56.2 +0.8
TUC	Tucson	38.96 323	P	P	04 34 55.9 +0.4
CBKS	Cedar Bluff	39.14 341	P	P	04 34 57.9 +1.1
N38A	Joess South For	39.35 349	I Amb	I Amb	04 35 05.2
T25A	Trinidad	39.44 335	P	P	04 35 00.8 +1.3
N59A	State Game Lan	39.45 10	P	P	04 34 59.9 +0.6
ML02	Panimavida	39.56 163	P	P	04 35 00.9 +0.6
M57A	Sunshine Farm,	39.64 9	I Amb	I Amb	04 35 07.9
214A	Organ Pipe Nat	39.96 321	I Amb	I Amb	04 35 12.1
214A	Organ Pipe Nat	39.96 321	P	P	04 35 04.6 +0.9
BDFB	Brasilia	40.10 117	P	P	04 35 04.5 -0.7
BDFB	Brasilia	40.10 117	P	P	04 35 04.5 -0.7
BDFB	Brasilia	40.10 117	I Amb	I Amb	04 35 05.7
N33A	I Bar K, Exete	40.24 345	P	P	04 35 06.3 +0.4
L40A	Anamosa	40.27 352	I Amb	I Amb	04 35 07.4
K5C0	Kaye Sheddok	40.33 338	P	P	04 35 07.8 +1.0
W18A	Petrified Fore	40.41 327	I Amb	I Amb	04 35 16.1
W18A	Petrified Fore	40.41 327	P	P	04 35 08.6 +1.0
SDCO	Great Sand Dun	40.42 334	I Amb	I Amb	04 35 16.0
SDCO	Great Sand Dun	40.42 334	P	P	04 35 08.8 +1.0
ROSB	Rosario	40.62 97	eP	P	04 35 09.2 -0.2
BINY	Binghamton	40.66 10	P	P	04 35 10.0 +0.6
IPMB	Ipaner, GO	40.88 121	eP	P	04 35 11.3 -0.3
S22A	409 Ranch, Cre	41.02 333	P	P	04 35 13.4 +0.7
ITQB	Itaqui	41.29 142	eP	P	04 35 16.0 +1.4
ITQB	Itaqui	41.29 142	P	P	04 35 15.8 +1.2
Q24A	Divide	41.29 335	P	P	04 35 15.1 +0.1
MVCO	Mesa Verde	41.38 331	I Amb	I Amb	04 35 23.2
MVCO	Mesa Verde	41.38 331	P	P	04 35 16.0 +0.3
WUJAZ	Wupatki	41.61 326	I Amb	I Amb	04 35 25.8
WUJAZ	Wupatki	41.61 326	P	P	04 35 18.6 +1.2
OGNE	Ogallala	41.83 340	P	P	04 35 20.0 +1.0
SDBA	SAO DESIDERIO	41.83 111	eP	P	04 35 19.5 +0.1
CPXB	Cerro Prieto	41.86 319	P	P	04 35 20.8 +1.5
CPXB	Cerro Prieto	41.86 319	I Amb	I Amb	04 35 22.9
I40A	Norwalk	42.00 353	I Amb	I Amb	04 35 26.2
ISCO	Idaho Springs	42.19 336	P	P	04 35 22.9 +0.6
SMCO	Snowmass	42.26 334	I Amb	I Amb	04 35 30.9
PDMCI	Parker Dam,Lak	42.36 323	P	P	04 35 24.8 +1.4
RMX	La Rumorosa	42.48 319	P	P	04 35 23.8 -0.8
I37A	Lemond, Waseca	42.51 330	I Amb	I Amb	04 35 30.9
BC3	Big Chuckawall	42.75 321	P	P	04 35 27.6 +0.9
U15A	North Rim	42.78 326	I Amb	I Amb	04 35 35.7
ECSD	EROS Data Cent	42.87 347	P	P	04 35 26.6 -0.7
ECSD	EROS Data Cent	42.87 347	P	P	04 35 26.5 -0.9
IRM	Iron Mountain	42.88 322	P	P	04 35 28.6 +0.9
MONP2	Mount Peak	42.88 319	P	P	04 35 28.3 +0.4
JANB	Januarja	42.82 115	eP	P	04 35 30.1 -0.5
N23A	Red Feather La	43.25 336	P	P	04 35 31.2 +0.4
G40A	Rib Lake	43.31 354	I Amb	I Amb	04 35 37.2
BELC	Belle Mtn, Jos	43.32 321	P	P	04 35 32.3 +0.9
109C	Camp Elliot, M	43.33 319	I Amb	I Amb	04 35 39.4
109C	Camp Elliot, M	43.33 319	P	P	04 35 32.0 +0.8
PFFO	Pinon Flats	43.35 320	P	P	04 35 32.6 +0.9
PFO	Pinon Flats O	43.36 320	P	P	04 35 31.7 0.0
PFO	Pinon Flats O	43.36 320	P	P	04 35 31.7 0.0
PFO	Pinon Flats O	43.36 320	P	P	04 35 32.6 +0.9
KNB	Kanab	43.50 326	I Amb	I Amb	04 35 41.3
SPMN	Marine on St.	43.60 351	P	P	04 35 33.0 -0.2
SPMN	Marine on St.	43.60 351	P	P	04 35 33.1 -0.1
O20A	White River Ci	43.60 333	I Amb	I Amb	04 35 42.9
O20A	White River Ci	43.60 333	P	P	04 35 34.5 +0.9
GMRC	Granite Mounta	43.62 322	P	P	04 35 34.4 +0.7
CP5B	Cacapava Do Su	43.79 140	eP	P	04 35 36.9 +1.9
HUC	Hectorville Moun	44.06 321	P	P	04 35 38.3 +1.0
SUSD	Miller	44.10 345	P	P	04 35 37.2 -0.1
LL04	Puerto Octay	44.17 167	P	P	04 35 38.6 +0.8
LL04	Puerto Octay	44.17 167	I Amb	I Amb	04 35 45.7
CCUT	Cedar City	44.18 327	I Amb	I Amb	04 35 47.1
TUQ	Turquoise Moun	44.21 322	P	P	04 35 39.0 +0.5
F36A	Milaca	44.33 351	I Amb	I Amb	04 35 40.4
RWWY	Rawlins	44.43 336	I Amb	I Amb	04 35 48.0
PLCA	Paso Flores	44.45 165	P	P	04 35 40.8 +0.6
PLCA	Paso Flores	44.45 165	P	P	04 35 41.1 +0.9
PLCA	Paso Flores	44.45 165	eP	P	04 35 41.2 +0.9
PLCA	Paso Flores	44.45 165	I Amb	I Amb	04 35 41.1 +0.9
PLCA	Paso Flores	44.45 165	P	P	04 35 41.1 +0.9
PLCA	Paso Flores	44.45 165	P	P	04 35 41.1 +0.9

TCRU	Three Creeks R	44.46 328	I Amb	I Amb	04 35 54.0
BFC5	Mount Baldy Ra	44.53 320	P	P	04 35 41.7 +0.7
RDMU	Red Mountain	44.55 333	I Amb	I Amb	04 35 54.5
GSC	Goldstone, Bar	44.66 321	P	P	04 35 42.6 +0.6
SHOC	Shoshone, Teco	44.73 323	P	P	04 35 43.2 +0.7
MWC	Mount Wilson	44.78 319	P	P	04 35 42.8 -0.3
MWC	Mount Wilson	44.78 319	P	P	04 35 42.8 -0.3
MWC	Mount Wilson	44.78 319	I Amb	I Amb	04 35 58.0
DIAM	Diamantina, MG	44.95 119	eP	P	04 35 44.8 +0.2
K22A	Casper	44.97 337	I Amb	I Amb	04 35 51.8
K22A	Casper	44.97 337	P	P	04 35 44.3 -0.1
QSM	Queen of Sheba	45.13 322	I Amb	I Amb	04 35 53.6
EDW2	Edwards Air Fc	45.15 320	P	P	04 35 46.4 +0.5
LRMC	Laurel Mtn Rad	45.33 321	P	P	04 35 48.4 +1.0
RSSD	Black Hills	45.33 340	P	P	04 35 48.0 +0.7
RSSD	Black Hills	45.33 340	P	P	04 35 48.0 +0.7
RSSD	Black Hills	45.33 340	I Amb	I Amb	04 35 55.1
RSSD	Black Hills	45.33 340	P	P	04 35 48.1 +0.7
TPNV	Topopah Spring	45.41 324	P	P	04 35 49.5 +1.4
FURC	Furnace Creek,	45.46 323	P	P	04 35 49.0 +0.8
JLU	Jordanelle	45.47 331	I Amb	I Amb	04 35 59.6
MPMC	Manual Prosep	45.58 322	P	P	04 35 49.8 +0.4
CTU	Camp Tracy	45.68 331	I Amb	I Amb	04 35 57.6
SPR3	Spring Creek	45.75 327	I Amb	I Amb	04 35 58.4
DUG	Dugway, Tooele	45.83 330	P	P	04 35 52.2 +0.9
DUG	Dugway, Tooele	45.83 330	P	P	04 35 52.2 +0.9
DUG	Dugway, Tooele	45.83 330	P	P	04 35 51.4 +0.1
DUG	Dugway, Tooele	45.83 330	P	P	04 35 52.6 +0.4
ARVC	Arvin	45.84 320	P	P	04 35 52.3 +1.0
ISA	Isabella, Lake	45.94 321	P	P	04 35 52.6 +0.4
ISA	Isabella, Lake	45.94 321	P	P	04 35 52.5 +0.4
ISA	Isabella, Lake	45.94 321	P	P	04 35 53.5 +1.3
R11A	Troy Canyon,	45.99 326	P	P	04 35 53.5 +0.9
CWC	Cottonwood Cre	46.19 322	P	P	04 35 54.6 +0.4
BW06	Boulder Array	46.31 334	P	P	04 35 54.3 -0.9
PDAR	Pinedale Array	46.31 334	P	P	04 35 54.4 -0.8
PDAR	Pinedale Array	46.31 334	P	P	04 35 29.8 -0.3
PDAR	Pinedale Array	46.31 334	P	P	04 35 54.6 -0.6
PKM	Mpherson Peak	46.33 319	P	P	04 35 55.9 +0.5
VES	Vestal, Richg	46.44 320	P	P	04 35 57.0 +1.0
BGU	Big Grassy Mou	46.49 330	I Amb	I Amb	04 35 59.0
SPUT	South Promonto	46.49 331	I Amb	I Amb	04 36 03.3
TPH	Toponah	46.74 324	P	P	04 35 58.3 -0.3
TPH	Toponah	46.74 324	P	P	04 35 58.3 -0.3
AGMN	Agassiz Nation	47.09 350	P	P	04 36 00.4 -0.4
REDW	Red Top Meadow	47.35 334	I Amb	I Amb	04 36 10.4
MDND	Middle Meadow	47.44 346	P	P	04 36 03.9 +0.3
NV11	Mina Array Sit	47.53 324	I Amb	I Amb	04 36 07.8
NVAR	Mina Array Bea	47.62 324	I Amb	I Amb	04 36 06.2 +0.8
NVAR	Mina Array Bea	47.62 324	P	P	04 37 34.9 +0.1
NVAR	Mina Array Bea	47.62 324	P	P	04 36 05.8 +0.4
NVAR	Mina Array Bea	47.62 324	I Amb	I Amb	04 36 13.0
CMC01	Camacan, BA	47.70 113	eP	P	04 36 06.7 +0.6
RLMT	Red Lodge	48.12 336	P	P	04 36 08.5 -0.6
RIB01	Linhares ES	48.21 118	eP	P	04 36 10.2 +0.2
LAO	LASA Array	48.32 340	P	P	04 36 10.0 -0.5
BMN	Battle Mountai	48.34 326	I Amb	I Amb	04 36 13.6
YMR	Madison River	48.45 335	I Amb	I Amb	04 36 25.0
HLID	Hailey	49.15 331	P	P	04 36 17.5 +0.4
BCY1	Bear Canyon	49.24 333	I Amb	I Amb	04 36 17.7 -0.2
BOZ	Bozeman (W)	49.47 335	I Amb	I Amb	04 36 21.8
BOZ	Bozeman (W)	49.47 335	P	P	04 36 19.6 +0.1
MFID	Moose Creek	49.73 330	I Amb	I Amb	04 36 29.1
ORV	Oroville	50.25 323	I Amb	I Amb	04 36 33.4
BMO	Blue Mountains	51.51 330	P	P	04 36 34.2 -0.6
BMO	Blue Mountains	51.51 330	P	P	04 36 34.1 -0.6
J05D	Fort Rock, OR	52.48 327	P	P	04 36 42.3 +0.1
WALA	Waterton Lakes	53.17 336	I Amb	I Amb	04 36 49.6
D08A	Wollman Farm,	53.87 331	I Amb	I Amb	04 36 59.0
EFI	East Falkland	58.04 161	eP	P	04 37 21.2 -0.6
USHA	Ushuaia	58.24 169	P	P	04 37 23.9 +0.8
YKA	Yellowknife Ar	64.34 345	P	P	04 38 03.1 -1.2
YKA	Yellowknife Ar	64.34 345	P	P	04 38 04.0 -0.3
PPT	Papeete	67.03 250	LR	LR	05 00 36.0
P33M	Reslin, Yukon	68.73 336	P	P	04 38 32.5 -0.1
MACI	Morro de la Ar	69.64 61	P	P	04 38 39.8 +0.8
FARO	Faro, Yukon	70.15 338	P	P	04 38 42.0 +0.8
M31M	Frury Creek, Y	70.53 338	P	P	04 38 43.9 +0.3
N31M	Braeburn, Yuko	70.66 337	P	P	04 38 45.2 +0.8
M30M	Milinto, Yukon	71.66 337	P	P	04 38 50.7 +0.3
YUK3	Moose Creek	72.71 336	P	P	04 38 57.7 +0.8
ICESG	Greenland Ices	73.25 15	iP	I Amb	04 38 56.6 -3.5
ICESG	Greenland Ices	73.25 15	I Amb	I Amb	04 39 12.1
DAWY	Dawson	73.46 338	P	P	04 39 00.3 -0.8
M27K	Edge Creek, AK	73.57 336	I Amb	I Amb	04 39 10.0

M27K	Edge Creek, AK	73.57 336	P	P	04 39 01.5 -0.4
MCAR	McCarthy VSAT	73.60 335	I Amb	I Amb	04 39 10.4
I29M	Ogilvie Camp,	73.75 339	P	P	04 39 02.8 +0.1
BCAR	Beaver Creek A	73.88 336	P	P	04 39 03.9 +0.3
L27K	Beaver Creek,	73.89 336	I Amb	I Amb	04 39 11.8
L27K	Beaver Creek,	73.89 336	P	P	04 39 04.8 +1.2
INK	Inuvik	73.93 343	P	P	04 39 03.9 +0.2
INK	Inuvik	73.93 343	I Amb	I Amb	04 39 11.4
INK	Inuvik	73.93 343	P	P	04 39 04.0 +0.3
GLB	Gahlinah Butte	73.96 335	I Amb	I Amb	04 39 12.1
M26K	Nabesna, AK	74.05 336	I Amb	I Amb	04 39 06.9
M26K	Nabesna, AK	74.05 336	P	P	04 39 05.1 +0.4
BMRM	Bremner River	74.10 334	I Amb	I Amb	04 39 08.1
BMRM	Bremner River	74.10 334	P	P	04 39 05.9 +1.0
EGAK	Eagle	74.48 338	I Amb	I Amb	04 39 23.3
EGAK	Eagle	74.48 338	P	P	04 39 07.0 0.0
L26K	Log Cabin Wild	74.49 336	I Amb	I Amb	04 39 15.5
L26K	Log Cabin Wild	74.49 336	P	P	04 39 07.7 +0.6
TULEG	Thule	74.90 4	P	P	04 39 09.9 +0.7
TULEG	Thule	74.90 4	I Amb		

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MIAR Mount Ida, 255A Hazlehurst, FNO Franklin, GOGA Godfrey, FPAL Fort Paine, AMTX Amarillo, TKL Tuckaleechee C, ANMO Albuquerque, ANMO Albuquerque, P25A Trinidad, TDSAR Pinedale Array, NVAR Mina Array, SIV San Ignacio, YKA Yellowknife Ar, BDFB Brasilia, BDFB Brasilia, INK Inuvik, ILAR Eielson Array, ARCES ARCES Array B.

IDC 19 05:28:49.4.1.2.37:78N:72:73E, h0km, mb3.7/12, mb1.3/8.7, mb1mx3.6/59, mbtmp3.7/17, ML3.5/5, MS3.5/1, Ms1.3/5.1, ms1mx2.4/58, Error ellipse: s-maj=22.0km s-min=19.5km az=21.0

NNC 19 05:28:51.6.3.0.37:87N:72:93E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=22.0km s-min=14.8km az=165.0

ISC 19 05:28:50.9.0.9.37:73N:08:72E, h0km, n28, c249/32, mb3.8/11, 6C-3D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IUG Iuzhnyy, MRKS Muzke, AAK Ala-Archa, AAK Ala-Archa, KK09 Karatay Array, KK09 8.0nm,0.7s, KK09 6.0nm,0.6s, TKM2 Tokmak 2, TKM2 Tokmak 2, KST Kastek, SGDS Sogindyy, DGS Degeres, DGS 6.1nm,0.7s, TNSS Tian-Shan, TNSS 4.0nm,1.1s, KURBB Kurchatov Arra, AB31 Akbulak array, AB31 0.8nm,0.5s, BVAR Borovoye Array, AKTO Aktyubinsk, AKTO 0.6nm,0.3s, ZALV Zalesovo Beam, ARU Aru, BELG Belogoroye, SONM Sogingoye Array, FINES FINES Array B, HFS Hagfors, TIXI Tiksi, NOA NORARS Array B, USRK Ussuriysk, ESDC Sonseca Array, TORD Torodi Ar. Bea, INK Inuvik, YKA Yellowknife Ar, WRA Warramunga Arr.

IDC 19 05:45:02.9.1.1.2079N:120:90E, h0km, mb3.6/7, mb1.3/8.7, mb1mx3.4/55, mbtmp3.6/7, MS3.0/1, Ms1.3/2.1, ms1mx2.5/44, Error ellipse: s-maj=43.2km s-min=20.0km az=63.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Sogingoye Array, MKAR Makanchi Array, WRA Warramunga Arr, KURBB Kurchatov Arra, ASAR Alice Springs, YKA Yellowknife Ar.

IDC 19 06:26:27.5.1.7.23:57S:179:97W, h520km, 14km, mb3.5/13, mb1.3/7.16, mb1mx3.4/29, mbtmp4.4/16, Error ellipse: s-maj=26.1km s-min=14.6km az=144.0

NOU 19 06:26:28.3.23:60S:179:97W, h519km, mb4.6/11, South of Fiji Islands

NEIC 19 06:26:29.3.1.3.23:55.0:1:180:0W, 0.1, h531km, 7km, mb4.4/19, Error ellipse: s-maj=19.0km s-min=16.0km az=100.0

ISC 19 06:26:30.3.0.5.23:48S:0:08:179:91E, 0.0, h550km, n95, c157/99, mb4.1/24, 8C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, MSVF TAVE, DGTI Dogotuki, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Pines, Loyalty, OUZ Omahuta, OUZ Omahuta, MIBAZ Motutapu North, MIBAZ Motutapu North, MXZ Matakoa Point, MXZ Matakoa Point, HAZ Te Kaha, SANVU Sarauoutou, RUGZ Rukumara Rang, RUGZ Rukumara Rang, TOZ Tahuroa Road, URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera, MWZ Matawai, RIGZ Rimuhau, BKZ Black Stump Fm, BKZ Black Stump Fm, TMVZ Maari, OTVZ Oturere, SNVZ South Nguarou, FWVZ Far West T-bar, BHHZ Black Hill Sta, GRZ Quartz Range, KHZ Kahutara, ARMA Armidale, ARMA Armidale, EIDS Eidsvoiid, EIDS Eidsvoiid, CTAO Charters Tower, CTAO Charters Tower, PMG Port Moresby, PMG Port Moresby, STKA Stokers Creek, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WRO Warramunga Arr, WRO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, DNH Diamond Head, QSPA South Pole Qui, QSPA South Pole Qui, JWT Wachi, KRSR Koreia Array, PETK Petropavlovsk, PETK Petropavlovsk, USRK Ussuriysk, USRK Ussuriysk, CMB Columbia Colle, NVAR Mina Array, TPNV Topopang Spring, TPNV Topopang Spring, SNAA Sanae, SNAA Sanae, SNAA Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, G08A Pilot Rock, G08A Pilot Rock, SEY Seychchan, WAX Waxell Ridge, CMAR Chiang Mai Arr, HVU Hansel Valley, HVU Hansel Valley, SRU San Rafael Swe, SRU San Rafael Swe, TX31 Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, ILAR Eielson Array, PDAR Pinedale Array, MKAR Makanchi Array, BVAR Borovoye Array, AKTO Aktyubinsk, BELG Belogoroye, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, NOB NORARS Subarrat1, NOB NORARS Subarrat1, HFS Hagfors, AKASG Malin Array, AKAB Malin Array, BRTR Keskin Array, MLR Muntele Rosu, OSTC Ostas, CHVC Chivalec, DPC Dobruška-Polom, KRCL Krailicy, CLL Colim, CLL Colim, CLL Colim, NOA NORARS Array B, HFS Hagfors, AKASG Malin Array, AKAB Malin Array, BRTR Keskin Array, MLR Muntele Rosu, OSTC Ostas, CHVC Chivalec, DPC Dobruška-Polom, KRCL Krailicy, CLL Colim, CLL Colim, BRRC Barichara, BRRC Barichara, BRRC Barichara, BRRC Barichara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BRG Panspa, PVCC Panspa, PRU Prunichio, KHC Kasperke Hory, CKRC Cesky Krumlov, GERES GERES Array B, IDC 19 06:32:17.3.2.4.39:62N:73:10E, h0km, mb3.8/4, mb1.3/9.7, mb1mx3.4/55, mbtmp3.8/7, ML2.9/2, MS2.9/2, Ms1.2/8.2, ms1mx2.5/44, Error ellipse: s-maj=38.5km s-min=29.9km az=151.0, SOME 19 06:32:21.0.3.38:78N:73:35E, h10km, NINC 19 06:32:24.3.2.9.38:87N:73:38E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=22.8km s-min=15.0km az=166.0, ISC 19 06:32:23.4.1.5.38:87N:09:73:39E, 0.04, h10km, n37, c271/46, mb3.9/4, 3C-6D, Tajikistan-Xinjiang border region, AML Alamyashu, UCH Uchr57, EKSS Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, MRKS Muzke, MRKS Muzke, KBK Karagaybulak, ULHL Ulahoi, IUG Iuzhnyy, IUG Iuzhnyy, CHMS Chumyshy, TKM2 Tokmak 2, TKM2 Tokmak 2, USH Oshpenovka, CHM Chikment, CHM Chikment, KST Kastek, KST Kastek, KST Kastek, KST Kastek, SGDS Sogindyy, SGDS Sogindyy, DGS Degeres, DGS Degeres, DGS Degeres, DGS Degeres, KK09 Karatay Array, KK09 Karatay Array, MTBS Maibute, MTBS Maibute, BRLS Borolday, BRLS Borolday, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, MDOK Akbulak array, MDOK Akbulak array, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, BTLS Baital, BTLS Baital, MKAR Makanchi Array, AB31 Akbulak array, AB31 Akbulak array, AKTO Aktyubinsk, ZALV Zalesovo Beam, ZALV Zalesovo Beam, SONM Sogingoye Array, FINES FINES Array B, ARCES ARCES Array B, YKA Yellowknife Ar, BOSAR Boshof, BOSAR Boshof, RSNC 19 06:51:04.3.1.3.6:82N:73:14W, h150km, 4km, ML3.4, Mw3.6, Fault plane solution: NP1:25.00000, 851.00000, 1.75.00000, IDC 19 06:51:04.7.1.5.6:33N:72:95W, h200km, 92km, mb2.6/2, mb1.3/2.4, mb1mx3.0/31, mbtmp3.5/4, Error ellipse: s-maj=93.5km s-min=25.9km az=161.0, ISC 19 06:51:03.3.0.9.6:82N:03:73:09W, 0.04, h155km, 6km, n36, c155/71, 7C-2D, Northern Columbia

937	AAK	Ala-Archa	5.25	16	∥Pn	Pn	07 26 00.6 +0.2
	AAK	6.4nm,0.6s			∥Pg	Pb	07 26 11.9 -1.8
	AAK	13nm,0.6s			∥Lg	Lg	07 27 23.8
	KK09	39nm,1.1s	5.72	345	∥Pn	Pn	07 26 06.5 -0.2
	KK09	8.4nm,0.6s			∥Pg	Pb	07 26 22.9 +1.4
	KK09	9.4nm,0.5s			∥Sn	Sn	07 27 15.7 +3.2
	BRLS	14nm,0.7s	5.79	340	eP	Pb	07 26 20.5 -2.3
	BRLS	6.2nm,0.8s			eS	Sb	07 27 32.5 +0.3
	TKM2	17nm,1.0s	5.81	23	P	Pn	07 26 08.7 +0.5
	TKM2	SNR=3	5.81	23	∥Pn	Pn	07 26 08.9 +0.7
	TKM2	5.1nm,0.7s			∥Pg	Pb	07 26 23.1 -0.2
	TKM2	14nm,0.9s			∥Lg	Lg	07 27 39.3
	KST	26nm,1.1s	6.04	25	eP	Pb	07 26 24.3 -2.8
	KST	8.7nm,0.9s			eS	Sb	07 27 39.4 -0.1
	KST	32nm,1.1s	6.04	25	Pg	Pg	07 26 24.3 -2.8
	KST	8.7nm,0.9s			Lg	Lg	07 27 39.4
	KST	32nm,1.1s			Lg	Lg	07 27 39.4
	SGDS	Sogindy	6.06	15	Pg	Pb	07 26 24.4 -3.0
	SGDS	16nm,0.6s			Lg	Lg	07 27 40.1
	DGS	Degeres	6.16	23	eP	Pb	07 26 27.2 -1.9
	DGS	13nm,1.0s			eS	Sb	07 27 45.0 +2.1
	DGS	14nm,0.7s	6.16	23	Pg	Pb	07 26 27.2 -1.9
	DGS	14nm,0.7s			Lg	Lg	07 27 45.0
	IZV	17nm,0.7s	6.27	29	eP	Pb	07 26 29.7 -1.3
	IZV	Izvestkoviy	7.4nm,1.0s		eS	Sb	07 27 48.8 +2.7
	IZV	30nm,0.7s	6.27	29	Pg	Pb	07 26 29.7 -1.3
	IZV	Izvestkoviy	7.4nm,1.0s		Lg	Lg	07 27 48.8
	IZV	30nm,0.7s			Lg	Lg	07 27 48.8
	KRBS	Karabastau	6.55	21	eP	Pb	07 26 34.1 -1.6
	KRBS	6.4nm,1.2s			eS	Sb	07 27 56.8 +2.8
	KRBS	12nm,0.7s	6.55	21	Pg	Pb	07 26 34.1 -1.6
	KRBS	6.4nm,1.2s			Lg	Lg	07 27 56.8
	KRBS	12nm,0.7s			Lg	Lg	07 27 56.8
	MDOK	Medeo	6.55	31	Pg	Pb	07 26 37.3 +1.6
	MDOK	12nm,1.0s			Lg	Lg	07 28 03.4
	MDOK	30nm,1.3s			Lg	Lg	07 28 03.4
	GEYT	Alibeck	11.40	276	LR	LR	07 32 59.7
	MKAR	Makanchi Array	11.70	35	Pn	Pn	07 27 28.7 +0.1
	MKAR	0.1nm,0.2s,SNR=22.1,baz=60,slow=4.3			Pn	Pn	07 27 28.7 +0.1
	KURBB	Kurchatov Arra	13.71	16	Pn	Pn	07 27 52.4 -3.6
	KURBB	0.2nm,0.3s,baz=205,slow=12,SNR=6.6			Lg	Lg	07 31 43.6
	KURBB	0.0nm,0.3s,baz=199,slow=12,SNR=5.1			Lg	Lg	07 31 43.6
	AB31	Akbulak array	14.77	326	Pn	Pn	07 28 10.1 -0.4
	AB31	1.5nm,0.5s,baz=133,slow=12,SNR=32			Sn	Sn	07 30 55.6 +1.4
	AB31	3.3nm,0.8s,baz=138,slow=25,SNR=5.0			Sn	Sn	07 28 15.7 -4.4
	BVAR	Borovoye Array	79.49	355	Pn	Pn	07 28 15.7 -4.4
	BVAR	0.3nm,0.3s,baz=182,slow=18,SNR=16			Pn	Pn	07 28 31.3 -1.6
	AKTO	Aktuybinsk	16.49	326	Pn	Pn	07 31 26.2 -1.0
	AKTO	0.6nm,0.3s,baz=141,slow=8.2,SNR=9.2			Sn	Sn	07 28 33.0 0.0
	AKTO	0.2nm,0.3s,baz=90,slow=20,SNR=2.2			Sn	Sn	07 31 37.2 +1.3
	AKTO	8.3nm,0.8s			Sn	Sn	07 31 37.2 +1.3
	AKTO	3.6nm,1.0s			Sn	Sn	07 28 54.5 -2.5
	ZALV	Zalesovo Beam	18.42	24	P	Pn	07 28 54.5 -2.5
	ZALV	0.5nm,0.3s,baz=211,slow=10,SNR=3.9			LR	LR	07 37 09.2
	WSAR	Wadi Sarin	18.62	224	LR	LR	07 29 24.6 -0.7
	WSAR	comp=Z,3.1nm,18.8s,baz=23,slow=40			P	P	07 36 54.7
	ARU	Arti	21.02	338	P	P	07 29 24.6 -0.7
	ARU	1.3nm,0.5s,baz=149,slow=7.5,SNR=6.2			LR	LR	07 36 54.7
	ARU	comp=Z,4.6nm,19.4s,baz=48,slow=35			P	P	07 29 44.7 +0.1
	BELG	Belgoye	22.82	318	P	P	07 30 21.1 -0.1
	BELG	10nm,0.8s,baz=124,slow=11,SNR=2.6			P	P	07 46 56.7
	SONM	Songino Array	26.72	57	P	P	07 31 35.3 +0.1
	SONM	1.5nm,0.8s,baz=262,slow=10,SNR=9.4			P	P	07 32 20.8 -0.3
	AKASG	Malin Array Be	35.22	307	LR	LR	07 32 50.3 -0.6
	AKASG	comp=Z,3.9nm,21.1s,baz=345,slow=40			P	P	07 32 50.3 -0.6
	FINES	FINES Array B	37.26	325	P	P	07 32 50.3 -0.6
	FINES	1.9nm,0.6s,baz=119,slow=8.8,SNR=9.0			P	P	07 34 59.0 0.0
	ARCES	ARCES Array B	40.60	337	P	P	07 34 59.0 0.0
	ARCES	4.4nm,1.1s,baz=104,slow=7.5,SNR=4.2			P	P	07 34 59.0 0.0
	NB2	NORSAR Subarra	44.24	322	P	P	07 34 59.0 0.0
	NB2	comp=Z,1.2nm,0.5s,baz=95,slow=7.9			P	P	07 34 59.0 0.0
	NOA	NORSAR Array B	44.24	322	P	P	07 34 59.0 0.0
	NOA	comp=Z,0.3nm,0.4s,baz=107,slow=7.7,SNR=1.7			P	P	07 34 59.0 0.0
	ESDC	Conseca Array	58.01	298	P	P	07 34 59.0 0.0
	ESDC	comp=Z,0.6nm,0.8s,baz=60,slow=7.1,SNR=6.4			LR	LR	07 59 04.6
	OPO	Ambohadratomp	60.74	208	LR	LR	07 35 36.3 +1.6
	OPO	comp=Z,2.6nm,1.9s,baz=168,slow=34			P	P	07 36 08.5 -0.3
	TORD	Tordi Ar. Bea	66.94	269	P	P	07 36 12.4 -1.0
	TORD	comp=Z,0.5nm,0.6s,baz=39,slow=6.0,SNR=3.5			P	P	07 36 51.0 -0.2
	INK	Inuvik	72.62	10	P	P	07 36 08.5 -0.3
	INK	comp=Z,1.1nm,0.6s,baz=328,slow=6.0,SNR=7.6			P	P	07 36 12.4 -1.0
	ILAR	Eielsoe Array	73.39	16	P	P	07 36 51.0 -0.2
	ILAR	comp=Z,0.7nm,0.8s,baz=381,slow=5.8,SNR=7.8			P	P	07 37 00.5 +0.7
	YKA	Yellowknife Ar	80.08	3	P	P	07 37 00.5 +0.7
	YKA	comp=Z,0.9nm,0.8s,baz=348,slow=5.2,SNR=13			P	P	07 37 00.5 +0.7
	WRA	Warramunga Arr	81.56	123	P	P	07 37 00.5 +0.7
	WRA	comp=Z,0.6nm,0.8s,baz=329,slow=4.4,SNR=2.0					

2015 DEC

LDUT	baz=322	Ludao	1.73	344	eP	Pn	07 40 54.1 -0.8
LDUT	baz=344				S	Sn	07 41 19.4 -1.2
EAST	baz=344	Anshuo	1.73	322	iP	Pn	07 40 55.2 +0.1
EAST	baz=322				iS	Sn	07 41 18.9 -1.9
ECL	baz=322	Taimali	1.85	329	iP	Pn	07 40 55.6 -0.7
ECL	baz=328				S	Sn	07 41 20.1 -2.9
SCZT	baz=328	Fanliu	1.86	317	iP	Pn	07 40 56.5 +0.1
SCZT	baz=316				iS	Sn	07 41 21.2 -2.0
TTN	baz=316	Taitung	1.91	336	P	Pn	07 40 57.9 +1.1
TTN	baz=336				S	Sn	07 41 24.8 +0.7
SSPT	baz=317	Xinbi	1.98	318	iP	Pn	07 40 58.7 +1.1
SSPT	baz=317				iS	Sn	07 41 24.8 -0.6
TWGBT	baz=317	Beinan	1.99	335	P	Pn	07 40 57.2 -0.6
TWGBT	baz=335				S	Sn	07 41 23.0 -2.7
TWG	baz=335	Pinlang	2.00	335	iP	Pn	07 40 57.2 -0.7
TWG	baz=335				iS	Sn	07 41 23.5 -2.3
TWG	baz=335	Pinlang	2.00	335	Pn	Pn	07 40 57.2 -0.7
WLCH	baz=311	Liuqiu	2.01	312	eP	Pn	07 40 58.6 +0.6
MASBT	baz=321	Mashbuluo	2.03	322	iP	Pn	07 40 58.6 +0.3
MASBT	baz=321				S	Sn	07 41 24.3 -2.3
LONT	baz=321	Longtan	2.05	337	P	Pn	07 40 58.1 -0.3
LONT	baz=321				S	Sn	07 41 25.3 -1.7
EDH	baz=337	Donghe	2.06	342	eP	Pn	07 40 58.1 -0.4
EDH	baz=342				eS	Sn	07 41 25.8 -1.3
TSMG	baz=342	Majia	2.10	324	eP	Pn	07 40 59.2 +0.1
TSMG	baz=323				eS	Sn	07 41 26.3 -1.7
SSD	baz=323	Sandimen	2.14	324	iP	Pn	07 40 59.6 +0.1
SSD	baz=324				iS	Sn	07 41 26.9 -1.9
CHKT	baz=324	Chengkung	2.16	345	P	Pn	07 40 58.9 -0.8
CHKT	baz=345				S	Sn	07 41 27.6 -1.6
KAU	baz=345	Kaoshiung	2.20	315	eP	Pn	07 41 00.6 +0.4
KAU	baz=314				eS	Sn	07 41 08.3 -1.5
FULB	baz=343	Fuli	2.27	344	P	Pn	07 41 01.4 +0.3
FULB	baz=343				S	Sn	07 41 31.1 -0.5
TWMI	baz=321	Shoushan	2.32	321	iP	Pn	07 41 02.8 +1.2
TWMI	baz=321				S	Sn	07 41 30.2 -2.3
SLGT	baz=327	Liqui	2.34	328	eP	Pn	07 41 02.2 +0.4
SLGT	baz=327				eS	Sn	07 41 30.8 -2.1
ELDTW	baz=327	Lidui	2.35	338	P	Pn	07 41 01.8 -0.3
ELDTW	baz=327				S	Sn	07 41 32.2 -1.1
EYUL	baz=337	Yuli	2.41	345	eP	Pn	07 41 03.3 +0.7
EYUL	baz=345				P	Pn	07 41 02.7 -0.1
TWF1	baz=345	Yuli	2.42	345	P	Pn	07 41 32.6 -2.1
TWF1	baz=345				eS	Sn	07 41 02.7 -0.1
STYH	baz=332	Taoyuan	2.43	333	eP	Pn	07 41 33.1 -1.7
STYH	baz=332				eS	Sn	07 41 02.2 -0.8
SGST	baz=332	Jiashian	2.44	328	P	Pn	07 41 32.3 -2.8
SGST	baz=327				S	Sn	07 41 02.3 -1.0
YULB	baz=327	Yuli	2.46	345	P	Pn	07 41 02.3 -1.0
YULB	baz=345				S	Sn	07 41 33.3 -2.2
HGSD	baz=345	Ruisui	2.46	345	eP	Pn	07 41 03.2 0.0
HGSD	baz=348		2.53	348	eP	Pn	07 41 02.8 -1.2
CHN1	baz=328	Nanshi	2.56	328	iP	Pn	07 41 04.3 -0.1
CHN1	baz=328				iS	Sn	07 41 35.3 -2.2
WTP	baz=330	Ta-pu	2.57	330	iP	Pn	07 41 04.4 -0.2
WTP	baz=330				iS	Sn	07 41 36.1 -1.7
SNST	baz=330	Tainan City	2.60	328	P	Pn	07 41 04.9 0.0
SNST	baz=327				S	Sn	07 41 36.4 -2.1
TAI1	baz=327	Yung-kang	2.60	321	S	Sn	07 41 38.2 -0.1
TPUB	baz=321	Ta-pu	2.61	331	i		

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like CZSB, ETMB, ATAH, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like ARAG, ITOB, ITTB, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like ARAG, ITOB, ITTB, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like KSJEO, KSCEA, KSCHC, etc.

NEIC 19 09:38:53.61.5, 18.46N, 0.06.119:60E:0.09, h10km, 1km, mb4.756, Error ellipse: s-maj=14.5km s-min=10.3km

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like SIPP, SAMP, SMPMP, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like ENH, SLVN, TOLIZ, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like LZH, INU, JGF, etc.

Table with columns: NR/K, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like Noril'sk, Akbulak array, and various ARMA and AKTO stations.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like Resolute Bay, Geres, and YKA.

IDC 19 10:08:44.1+1.7, 4.345, 130.68E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.4/41, mbmtmp3.4/4, ML3.2/3, Error ellipse: s-maj=69.1km s-min=23.7km az=87.0, Banda Sea

NEIC 19 10:17:18.8+1.2, 9.82S, 0.07x119.19E, 0.07, h76km, 5km, mb4.1/10, Error ellipse: s-maj=11.0km s-min=9.1km az=208.0

DJA 19 10:17:19.4+0.3, 10.5S, 3x11.9E, h32km, 4km, M4.4/15, mb4.4/3, mb5.5/1, ML4/15, Mw(MB)5.0/1

IDC 19 10:17:21.5+4.2, 9.55S, 119.39E, h90km, 33km, mb3.5/4, mb1 3.5/8, mb1mx3.2/39, mbmtmp3.8/3, MS3.0/1, Ms1 3.0/1, ms1mx2.4/24, Error ellipse: s-maj=45.3km s-min=12.2km az=57.0

ISC 19 10:17:16.5+0.5, 9.79S, 0.05x119.24E, 0.04, h50km, n63, az=235/68, mb4.0/7, Sumba region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like Waikabubak, Basi, and various WBSI stations.

Table with columns: SO/EI, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like Soe, JAGI, and various GM/JI and FITZ stations.

KRSC 19 10:22:32.2+1.1, 50.96N, 157.40E, h98km, 14km, ML3.8, Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like PAU, SKR, and various KDR and MKAR stations.

EAF 19 11:10:47.4+2.8, 26.35S, 29.29E, h0km, 20km, MD4.0, BUL 19 11:10:47.6+2.1, 26.39S, 29.29E, h0km, 14km, MD4.3

ISC 19 11:10:48.5+1.1, 26.39S, 29.29E, h0km, 14km, h10km, n12, az=179/22, South Africa

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like CNG, MOPA, and various MSNA and MOP stations.

IDC 19 11:14:55.9+1.3, 38.60N, 26.69E, h0km, mb3.4/2, mb1 3.6/8, mb1mx3.4/41, mbmtmp3.5/8, ML3.5/6, MS2.8/7, Ms1 2.8/7, ms1mx2.6/36, Error ellipse: s-maj=18.8km s-min=14.2km az=52.0

ATH 19 11:14:56.6, 38.61N, 26.52E, h37km, 2km, ML3.7/6, Error ellipse: s-maj=3.2km s-min=1.1km az=257.0

THE 19 11:14:56.7, 38.63N, 26.60E, h7km, 1km, ML3.5/8, Error ellipse: s-maj=1.1km s-min=0.3km az=228.0

DDA 19 11:14:56.9, 38.63N, 26.58E, h5km, MW4.0, ISC 19 11:14:56.4+1.0, 38.63N, 0.02x26.66E, 0.02, h13km, 7km, n113, az=111/144, MS3.0/3, 24C-8D, Aegean Sea

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like URLA, BLCB, and various DGB and AYVA stations.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like URLA, BLCB, DGB, and various SGR and SMG stations.

19d 12h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like MLR, VOIR, IVAS, HERR, etc.

IDC 19 11:48:25.1, 2.5, 34.41N-134.06E, h0km, mb3.2/1, mb1 3.3/4, mb1mx2.8/40, mbtm3.2/4, ML3.3/1, Error ellipse: s-maj=40.8km, s-min=24.7km, az=164.0

JMA 19 11:48:26.5, 34.65N-134.26E, h12km, MW3.4, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn-0.13; Mw-1.25; Mw-1.13; Mw-0.36; Mw-0.06; Mw-0.47;

Fault plane solution: M1.34000x10^14 NP2; s=135.00000; s85.00000; A=27.00000; P=223.00000; S=223.00000; 174.00000

ISC 19 11:48:25.9, 1.0, 34.66N, 0.03, 134.26E, 0.03, h12km, gkm, n13, c=15124, 4C-4D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JAD, JAJ, JAS, JUS, etc.

NNC 19 11:53:04.6, 3.1, 46.137N-90.08E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=23.4km, s-min=18.4km, az=65.0

ISC 19 11:53:00.1, 2.5, 46.36N, 0.08, 90.4E, 0.1, h10km, n12, c=23021, 7C-6D, Northern Xinjiang

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

VAO 19 12:07:36.5, 1.1, 3.28S-79.42W, h10km, mb4.7, IDC 19 12:07:44.9, 0.6, 2.80S-79.12W, h78km, 5km, mb3.7/14, mb1 3.9/20, mb1mx3.9/36, mbtm3.4/120, MS3.4/4, Mb1 3.4/4, ms1mx2.9/29, Error ellipse: s-maj=17.7km, s-min=11.2km, az=61.0

NEIC 19 12:07:45.6, 1.9, 2.86S-79.1W, 0.1, h78km, 6km, mb4.5/22, Error ellipse: s-maj=17.1km, s-min=4.1km, az=79.0

IGQ 19 12:07:46.0, 2.3, 3.2S-79.9W, h38km, IDC 19 12:07:43.8, 0.5, 2.96S-79.04E, 0.04, h73km, 4km, n185, c1441/203, mb4.4/23, Near coast of Ecuador

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

2015 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ACH2, ACHI, BOSC, etc.

ROSC comp=Z, 236nm, 21.6s, baz=243, slow=1 LR 12 13 49.8

NNA 1nm, 0.3s, baz=307, slow=11, SNR=16 S 12 09 56.1 +1.1

NNA 26nm, 0.3s, baz=0.0, slow=7.1, SNR=14 S 12 11 36.2 -1.8

NNA 0.9nm, 0.5s, baz=88, slow=30, SNR=5.2 S 11 55 49.2 -2.3

ARTR Artybashi 5.82 340 Pg Sg 11 56 05.6 -1.2

MAKZ Makanchi Array 4.84 277 Pp Pn 11 54 31.6 +4.9

MAKZ 4.9nm, 1.1s Pp Lg 11 56 00.6

UKR Ust-Kan 9.01 323 Pg Pp 11 54 49.2 -4.1

UKR 11 56 10.6 +0.8

TASR Tashtagol 6.61 346 Pg Pp 11 55 03.0 -3.6

TASR 11 56 32.4 +0.2

PDGK Podgomorye 8.34 253 Pp Pn 11 55 02.3 +1.2

PDGK 4.0nm, 0.8s Pp Lg 11 57 37.3 +2.0

PDGK 3.9nm, 0.6s Pp Lg 11 57 24.6

KURK Kurchatov 8.96 303 Pp Sn 11 56 53.4 +3.2

KURK 8.1nm, 0.7s Pp Lg 11 57 42.2

KURB Kurchatov Arra 8.97 303 Pp Sn 11 56 52.0 +1.4

KURB 18nm, 0.7s Pp Lg 11 57 43.2

942

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

NEIC 19 12:12:13.7, 1.8, 16.37S-106.71W, 0.2, h53km, 11km, mb4.1/3, ML4.3(ARE), Error ellipse: s-maj=24.4km

ARE 19 12:12:16.4, 9, 16.77S-106.70W, 0.1, h17km, 6km, Error ellipse: s-maj=0.0km, s-min=0.0km, az=164.0

IDC 19 12:12:27.4, 4.2, 16.61S-107.22W, h91km, 36km, mb3.4/5, mb1 3.6/7, mb1mx3.4/40, mbtm3.7/77, MS2.7/3, Ms1 2.7/3, ms1mx2.6/13, Error ellipse: s-maj=48.7km, s-min=26.3km, az=70.0

ISC 19 12:12:17.2, 0.9, 16.73S-106.70W, 0.1, h10km, n29, c184/34, mb4.0/6, 1C-1D, Southern Peru

Code Station Name Az Az2 Phase ID Time Res ISC

AP01 Chacalluta 1.69 165 eP Pn 12 12 44.3 -2.5

AP01 12 13 06.0 -2.4

AP01 comp=N, 2um, 0.9s Pp Pn 12 12 44.5 -2.2

PB12 IPOC Station P 1.93 166 Pp Pn 12 12 48.3 -1.8

PB12 12 13 12.5 -1.9

PB12 comp=E, 1um, 0.8s Pp Pn 12 12 48.3 -1.8

PB16 IPOC Station P 2.03 142 eP Pn 12 12 49.3 -2.6

PB16 12 12 50.2 -1.6

LPAZ La Paz 2.02 61 Pn Pn 12 13 01.2 +2.1

LPAZ comp=E, 0.8nm, 0.3s, baz=257, slow=12, SNR=52 LR 12 13 27.7

LPAZ comp=E, 7.8nm, 19.8s, baz=262, slow=30 S 12 13 32.5 +0.5

PB11 IPOC Station P 3.20 160 eP Pn 12 13 06.9 -0.9

PB11 12 13 50.0 +3.9

PB11 comp=N, 446nm, 0.6s Pp Pn 12 13 08.0 +0.2

PB11 IPOC Station P 3.20 160 Pn Pn 12 13 49.8 +2.8

TA02 12 13 3.0 +0.5

TA02 12 13 56.9 +1.9

HMBC Humberton 3.63 166 eP Pn 12 13 12.8 -0.9

HMBC 12 13 57.0 +0.4

PB08 IPOC Station P 3.73 155 eP Pn 12 13 16.1 +0.8

PB08 12 14 06.6

PB08 comp=N, 122nm, 0.5s Pp Pn 12 13 16.8 +1.5

PB08 IPOC Station P 3.73 155 Pn Pn 12 14 02.2 +1.7

TA01 12 13 16.6 +1.1

TA01 12 13 03.1 +1.1

PATCX Panta Pateca 4.11 171 Pn Pn 12 13 19.5 +0.8

LVC Limon Verde 6.11 163 Pn Pn 12 13 48.8 +0.8

LVC comp=N, 1.0nm, 0.3s, baz=20, slow=8, SNR=8.7 S 12 15 00.6 +2.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC Limon Verde, NNA Nana, SIV San Ignacio, etc.

IDC 19 12:29:32.7, 3.2, 14.48S; 166.95E, h80km, mb3.5/7, mb1 3.8/8, mb1mx3.6/27, mbtmp4.0/8, MS3.2/2, Ms1 3.2/2, ms1mx2.8/24, Error ellipse: s-maj=28.8km s-min=16.4km az=67.0

NEIC 19 12:29:32.2, 1.0, 14.40S; 0.0/8, 167.3E; 0.2, h78km, 6km, mb4.5/9, Error ellipse: s-maj=22.6km s-min=11.0km az=93.0

NOU 19 12:29:34.3, 14.54S; 166.97E, h75km, MLV5.3/24, Vanuatu Islands

IDC 19 12:29:31.0, 0.7, 14.39S; 0.0/7, 167.10E; 0.10, h67km, m57, s125/58, mb4.2/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SARANU Saraoutou, SARANU Saraoutou, DVP Devils Point, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, MSFV Nonsavu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKZ Black Stump Fm, BKZ Black Stump Fm, TUWZ Tuamariina, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, BB00 Buckleboe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SBA Scott Base, SBA Scott Base, CASY Casey, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, SONM Songoing Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IMAR Indian Mountai, ILAR Eielson Array, BELA Belrago 2, etc.

IDC 19 12:52:46.0, 9.5; 98S; 151.56E, h0km, mb4.0/13, mb1 4.2/14, mb1mx4.1/41, mbtmp4.0/14, ML2.4/1, Error ellipse: s-maj=35.3km s-min=16.1km az=120.0

NEIC 19 12:52:50.9, 2.2, 6.0S; 0.1, 151.16E; 0.2, h25km, 3km, mb4.5/11, Error ellipse: s-maj=33.8km s-min=9.0km az=125.0

IDC 19 12:52:52.0, 0.7, 6.0S; 0.1, 151.15E; 0.1, h41km, n38, s086/40, mb4.2/19, New Britain region

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanihi Arr, MKAR Makanihi Arr, CAST Castle Rocks, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zaleski Beam, IMAR Indian Mountai, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, MASW Mawson, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MZTK Edge Creek, MZTK Toolik Lake, TOLK Toluk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BVAR Burtt Mountain, BVAR Mina Arr, GERE GERESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TORD Torodi Arr, TORD Torodi Arr, DBIC Dimbokro, etc.

IDC 19 12:56:29.7, 1.2, 28S; 178.30W, h270km, 12km, mb3.3/6, mb1 3.6/7, mb1mx3.2/31, mbtmp4.0/7, Error ellipse: s-maj=24.7km s-min=21.1km az=80.0

NEIC 19 12:56:30.1, 1.5, 27.8S; 0.1, 178.2W; 0.2, h257km, 9km, mb4.2/9, Error ellipse: s-maj=23.5km s-min=15.1km az=83.0

IDC 19 12:56:30.7, 0.6, 28.2S; 0.0/7, 178.0W; 0.1, h300km, n115, s210/126, mb3.7/10, Kermadec Islands region

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAZ Wanganui, WAZ Wanganui, DVHZ Dannevirke, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANWZ Angora Road, ANWZ Angora Road, POWZ Post Office Ro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like POWZ Post Office Ro, POWZ Post Office Ro, PRWZ Port Road, etc.

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

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

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

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

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

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

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

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

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

IDC 19 12:58:55.0, 4.0, 15.0S; 173.69W, h0km, mb4.3/16, mb1 4.5/18, mb1mx4.2/36, mbtmp4.3/18, ML4.3/2, MS4.0/27, Ms1 4.0/27, ms1mx4.0/32, Error ellipse: s-maj=23.6km s-min=14.3km az=138.0

NEIC 19 12:59:01.2, 1.3, 15.16S; 0.09, 173.7W; 0.1, h35km, 1km, mb4.8/40, Error ellipse: s-maj=21.2km s-min=15.8km az=85.0

GCMT 19 12:59:06.2, 0.3, 15.09S; 0.02, 173.41W; 0.02, h61km, 4km, MW5.0/98, Moment Tensor Solution, s25,c27, s96,c129; dlvations: O Moment Tensor Scale: 1019N; M0: 0.55, 24; M1: 1.75, 24; M2: 1.75, 24; M3: 1.75, 24; M4: 1.75, 24; M5: 1.75, 24; M6: 1.75, 24; M7: 1.75, 24; M8: 1.75, 24; M9: 1.75, 24; M10: 1.75, 24; M11: 1.75, 24; M12: 1.75, 24; M13: 1.75, 24; M14: 1.75, 24; M15: 1.75, 24; M16: 1.75, 24; M17: 1.75, 24; M18: 1.75, 24; M19: 1.75, 24; M20: 1.75, 24; M21: 1.75, 24; M22: 1.75, 24; M23: 1.75, 24; M24: 1.75, 24; M25: 1.75, 24; M26: 1.75, 24; M27: 1.75, 24; M28: 1.75, 24; M29: 1.75, 24; M30: 1.75, 24; M31: 1.75, 24; M32: 1.75, 24; M33: 1.75, 24; M34: 1.75, 24; M35: 1.75, 24; M36: 1.75, 24; M37: 1.75, 24; M38: 1.75, 24; M39: 1.75, 24; M40: 1.75, 24; M41: 1.75, 24; M42: 1.75, 24; M43: 1.75, 24; M44: 1.75, 24; M45: 1.75, 24; M46: 1.75, 24; M47: 1.75, 24; M48: 1.75, 24; M49: 1.75, 24; M50: 1.75, 24; M51: 1.75, 24; M52: 1.75, 24; M53: 1.75, 24; M54: 1.75, 24; M55: 1.75, 24; M56: 1.75, 24; M57: 1.75, 24; M58: 1.75, 24; M59: 1.75, 24; M60: 1.75, 24; M61: 1.75, 24; M62: 1.75, 24; M63: 1.75, 24; M64: 1.75, 24; M65: 1.75, 24; M66: 1.75, 24; M67: 1.75, 24; M68: 1.75, 24; M69: 1.75, 24; M70: 1.75, 24; M71: 1.75, 24; M72: 1.75, 24; M73: 1.75, 24; M74: 1.75, 24; M75: 1.75, 24; M76: 1.75, 24; M77: 1.75, 24; M78: 1.75, 24; M79: 1.75, 24; M80: 1.75, 24; M81: 1.75, 24; M82: 1.75, 24; M83: 1.75, 24; M84: 1.75, 24; M85: 1.75, 24; M86: 1.75, 24; M87: 1.75, 24; M88: 1.75, 24; M89: 1.75, 24; M90: 1.75, 24; M91: 1.75, 24; M92: 1.75, 24; M93: 1.75, 24; M94: 1.75, 24; M95: 1.75, 24; M96: 1.75, 24; M97: 1.75, 24; M98: 1.75, 24; M99: 1.75, 24; M100: 1.75, 24; M101: 1.75, 24; M102: 1.75, 24; M103: 1.75, 24; M104: 1.75, 24; M105: 1.75, 24; M106: 1.75, 24; M107: 1.75, 24; M108: 1.75, 24; M109: 1.75, 24; M110: 1.75, 24; M111: 1.75, 24; M112: 1.75, 24; M113: 1.75, 24; M114: 1.75, 24; M115: 1.75, 24; M116: 1.75, 24; M117: 1.75, 24; M118: 1.75, 24; M119: 1.75, 24; M120: 1.75, 24; M121: 1.75, 24; M122: 1.75, 24; M123: 1.75, 24; M124: 1.75, 24; M125: 1.75, 24; M126: 1.75, 24; M127: 1.75, 24; M128: 1.75, 24; M129: 1.75, 24; M130: 1.75, 24; M131: 1.75, 24; M132: 1.75, 24; M133: 1.75, 24; M134: 1.75, 24; M135: 1.75, 24; M136: 1.75, 24; M137: 1.75, 24; M138: 1.75, 24; M139: 1.75, 24; M140: 1.75, 24; M141: 1.75, 24; M142: 1.75, 24; M143: 1.75, 24; M144: 1.75, 24; M145: 1.75, 24; M146: 1.75, 24; M147: 1.75, 24; M148: 1.75, 24; M149: 1.75, 24; M150: 1.75, 24; M151: 1.75, 24; M152: 1.75, 24; M153: 1.75, 24; M154: 1.75, 24; M155: 1.75, 24; M156: 1.75, 24; M157: 1.75, 24; M158: 1.75, 24; M159: 1.75, 24; M160: 1.75, 24; M161: 1.75, 24; M162: 1.75, 24; M163: 1.75, 24; M164: 1.75, 24; M165: 1.75, 24; M166: 1.75, 24; M167: 1.75, 24; M168: 1.75, 24; M169: 1.75, 24; M170: 1.75, 24; M171: 1.75, 24; M172: 1.75, 24; M173: 1.75, 24; M174: 1.75, 24; M175: 1.75, 24; M176: 1.75, 24; M177: 1.75, 24; M178: 1.75, 24; M179: 1.75, 24; M180: 1.75, 24; M181: 1.75, 24; M182: 1.75, 24; M183: 1.75, 24; M184: 1.75, 24; M185: 1.75, 24; 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19d 13h

Table with columns: Code, Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like PAE, PPT2, PPT2, TVO, TBI, etc.

2015 DEC

Table with columns: Code, Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like IMAR, BOKR, BELA, BMAR, etc.

944

Table with columns: Code, Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TSUM, TSUM, TSUM, TSUM, etc.

Table with columns: GERS, GRESS Array B, 54.02 348 P, 13 35 28.6 -1.0, etc. Includes stations like GERS, GRESS Array B, MORAV, etc.

IDC 19 13:30:03.4:1.8,38°81'N:73°44'E,h0km,mb3.5/4, mb1 3.7/10,mb1mx3.5/50,mbtmp3.6/10,ML3.1/6,MS3.2/2, Ms1 3.2/2,ms1mx2.5/40,Error ellipse: s-maj=29.8km s-min=18.8km az=138.0

NNC 19 13:30:03.9:1.9,38°79'N:73°32'E,h0km,mb4.2,mpv3.9, Error ellipse: s-maj=14.3km s-min=9.2km az=168.0

ISC 19 13:30:07.8:1.2,39°29'N:0°08:73°34'E:0.07,h10km,n37,r=1945/37,mb3.4/4,4C-52,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like AML, UCH, EK2S, etc.

Table with columns: SGDS, Sogindyo, 4.27 13 Pg, 13 31 30.6 +1.0, etc. Includes stations like SGDS, Sogindyo, DGS, etc.

IDC 19 14:06:42.1:1.8,5°72'S:129°53'E,h363km,28km,mb3.0/1, mb1 3.3/5,mb1mx2.8/28,mbtmp4.0/5,Error ellipse: s-maj=50.0km s-min=13.0km az=78.0

ISC 19 14:06:41.3:1.0,5°79'S:0°07:129°3'E:0.2,h350km,n12,r=1945/14,Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like FAKI, SAI, SIJI, etc.

MAN 19 14:07:58.1,10°09'N:126°40'E,h18km,mb4.2,ML3.0, MS2.7,2C-2D,Philippine Islands region

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

IDC 19 14:34:57.9:3.5,49°75'N:110°50'E,h0km,mb3.7/2, mb1 4.0/2,mb1mx3.6/27,mbtmp3.7/2,Error ellipse: s-maj=791.8km s-min=69.9km az=131.0,Southeast Indian Ridge

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

IDC 19 14:45:20.1:0.9,4°23'S:129°44'E,h0km,mb3.8/7, mb1 3.9/10,mb1mx3.6/40,mbtmp3.8/10,ML3.7/3,Error ellipse: s-maj=41.1km s-min=18.8km az=73.0

ISC 19 14:45:25.0:0.7,4°19'S:0°07:129°55'E:0.08,h36km,n19,r=1929/20,mb3.8/7,Banda Sea

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

Table with columns: MTN, Manton Dam, 8.74 170 P, 14 47 30.8 +1.4, etc. Includes stations like MTN, KDU, KNRA, etc.

IDC 19 14:48:35.4:3.4,14°10'N:91°59'W,h0km,mb3.7/3, mb1 4.0/5,mb1mx3.7/36,mbtmp3.6/5,ML3.3/2,MS3.2/3, Ms1 3.2/3,ms1mx2.8/42,Error ellipse: s-maj=119.9km s-min=42.0km az=36.0

ISC 19 14:48:33.7:3.0,13°58'N:0°07:91°9'W:0.7,h10km,n9,r=1542/7,mb3.7/3,MS3.1/3,Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like CMIG, Matias Romero, etc.

JMA 19 14:53:28.9:0.4,21°14'N:120°84'E,h0km,MS.0, BUI 19 14:53:29.5:0.0,21°10'N:120°86'E,h7km,mb4.8/21, mb4.3/31,MS4.4/23,MS7.4/22

MAN 19 14:53:31.6,20°78'N:120°92'E,h4km,mb5.1,ML4.0,MS4.1 TAP 19 14:53:31.6,21°10'N:120°94'E,h86km,ML4.6,D NEIC 19 14:53:33.5:3.0,20°99'N:0°07:120°9'E:0.1,h34km,3km, mb4.6/23,Error ellipse: s-maj=14.1km s-min=9.6km az=80.0

IDC 19 14:53:34.8:2.4,21°00'N:121°09'E,h48km,2km,mb4.1/30, mb1 4.2/33,mb1mx4.1/50,mbtmp4.4/33,ML4.2/3,MS3.8/5, Ms1 3.8/5,ms1mx3.5/63,Error ellipse: s-maj=15.4km s-min=9.4km az=72.0

ISC 19 14:53:33.0:1.6,21°00'N:0°03:120°82'E:0.04,h31km,11km, n244,r=1933/274,mb4.6/52,MS3.9/6,2C-2D,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like TSEB, Hengchun, Pin, etc.

IDC 19 14:53:29.5:0.0,21°10'N:120°86'E,h7km,mb4.8/21, mb4.3/31,MS4.4/23,MS7.4/22

MAN 19 14:53:31.6,20°78'N:120°92'E,h4km,mb5.1,ML4.0,MS4.1 TAP 19 14:53:31.6,21°10'N:120°94'E,h86km,ML4.6,D NEIC 19 14:53:33.5:3.0,20°99'N:0°07:120°9'E:0.1,h34km,3km, mb4.6/23,Error ellipse: s-maj=14.1km s-min=9.6km az=80.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like TSEB, Hengchun, Pin, etc.

Table with columns: CHN3, ECS, CHKT, STYT, STYH, SSHA, ELDTW, CHN1, SNST, SNST, FULB, SCLT, SCLT, WTP, TPUB, TPUB, TPUB, CHN4, ECBN, EYUL, TWFI, ICHU, ICHU, YULB, YULB, WDGJ, WDGJ, ALS, CHY, CHY, EHY, CHN2, HGSD, VCHM, VCHM, CHN5, WGK, WDLH, WTK, EGFH, PHUB, PHUB, VVWD, SSSL, SSSL, WJS, PNG, PNG, ESL, WNT, SMLT, WTCT, WRL, WRL, OWD, WPM, DPDB, WWC, CHGB, WCHH, TCU, TWD, WHF, NACB, NACB, ETLH, TDCB, TWT, FUSS, WHP, TWQ1, WDJ, WNS, NNSB, NNS, ENA, NMLW, EWUT, NSTT, LIOB, NDT, ENT, YHNB

Table with columns: YHNB, NSK, WDC, TNS, TWE, NWLT, VDOS, SAMP, SAMP, NTC, YOJ, YOJ, YOJ, YOJ, TATO, TWA, KNM, TIPB, ZPLA, HATJ, KNMB, TWB1, NWF, WFSB, YMO1, ANP, IRIF, PTMZ, JKRS, JIJ, AXDP, JISG, SMPP, SMPP, JATJ, IMAT, MSUT, JIRB, JIRB, JMJ2, JMJ, LYJ, JOGS, JKIM, XPSS, HKPS, TGY, LQP, JNTH, JOW, JOW, JOW, TIA, TIA, TIA, KRSR, KRSR, KS19, CD2, CD2, CD2, CD2, BJT, BJT, INU, SBUM, SBUM, MRSI, MPPI, JHH, CMAR, CMAR, LZH, LZH, LZH, LZH, LZH, MAT, MAT, MJAR, APSI, LUWI, LBMI, SANI, SWI, SIJI, GUMO, MDJ, MDJ, MDJ, USRK, IPM, IPM, MSAI, AAI

Table with columns: GTA, GTA, GTA, GTA, MNSI, SOMN, ASAJ, ASAJ, KLR, KLR, JIRN, GUN, PKI, PKI, DMN, GKN, DANN, PYUN, WMQ, FITZ, PMG, PMG, MK31, MKAR, MKAR, MKAR, KSH, KSH, WBO, WBO, PETK, ZALV, WRAB, WRAB, WRA, WRA, WRA, WRA, WR0, WR0, H11S3, H11S1, H11S2, AAK, KURK, KURB, AS31, AS31, ASAR, ASAR, ASAR, ASAR, NR1K, GEYT, STKA, STKA, KBZ, A21K, J20K, K20K, CAST, TOLK, TOLK, RND, IL31, IL31, ILAR, ILAR, ARCES, ARCES, ARCES, ARCES, BRTR, AKASG, NORA, NLA, COLI, KMBO, GERES, YKA

Bul 19 15:03:31.5±0.0, 8:30S; 107°10'E, h10km, mB5.4/6.0, mb5.2/7.5, Ms5.6/8.6, Ms7.5/4.8/2.1
NEIC 19 15:03:31.1, 8:36S; 107°05E, h23km, Moment Tensor Solution: Moment tensor: scale 10^17Nm; Mr1 1.80; Mw-1.21; Mw-0.30; Mw-0.32; Mw-0.09; Fault plane solution: M2: 3.0000; 1017° NP1: 99.57000°; 368.08000°; A83.45000°; NP2: 296.67000°; 822.83000°; 1105.83000°. Principal axes: T: 2.5167, Plg66.0000°, Azm358.0000°; N: -0.5159, Plg6.0000°, Azm102.0000°; P: -2.0008, Plg23.0000°, Azm195.0000°;
MOS 19 15:03:36.1±1.1, 7.96S; 107°26E, h30km, mb5.8/6.4, MS5.1/23 Error ellipse: s-maj=7.9km s-min=4.3km az=110.8
NEIC 19 15:03:36.0, 2.8, 8:37S; 0:06; 107°02E; 0:06, h27km, 1km, mb5.6/107 Ms_20.5, 4:105, MwB5.5/4.4, MwW5.7, Error ellipse: s-maj=10.7km s-min=9.6km az=118.0
DJA 19 15:03:38.8, 0.2, 8°S; 2°107E, h52km, 9km, Ms.4/7.6, mB5.9/6.6, mb5.7/7.6, MLV5.9/31, Mw(mB)5.5/6.6, MwMwp5.3/4.8, Mwp5.5/4.8
IDC 19 15:03:38.1±1.5, 8:09S; 107°26E, h33km, 10km, mb5.1/5.3, mb1.5/1.5, mb1mx5.0/6.1, mbtmp5.3/5.5, ML5.0/2, MS5.1/3, Ms1.5/1.3, ms1mx5.0/4.6, Error ellipse: s-maj=10.5km s-min=7.8km az=52.0
KLM 19 15:03:39.8, 42S; 107°01E, h44km, mb5.5
NEIC 19 15:03:41.8, 35S; 107°04E, h24km, Moment Tensor Solution: Duration: 100 Moment tensor: Scale 10^17Nm; Mr2.08; Mw-2.06; Mw-0.02; Mw-0.3; Mw-1.13; Mw-0.35; Fault plane solution: M3: 3.99000x10^17 NP1:

0.313,00000; 820.00000; 122.00000; NP2:
0.9,99,00000; 873.00000; 179.00000; Principal axes: T
3.8342, P1g61.0000; Azm353.0000; N 0.2924,
P1g11.0000; Azm102.0000; P -4.1266, P1g27.0000;
Azm198.0000;
GCMT 19 15:03:42.0-0.1, 8:54S,0:01x107.11E,0:01,h33km,
MW5.6/139, Moment Tensor Solution. s12,c2,c3,
s139,c256; Duration: 1s6 Moment tensor: Scale 1017
Nm; Mn:2.56e+04; Mxx:2.48e+03; Myy:0.08e+03;
Mzz:3.9e+06; Mxy:1.09e+02; Myz:0.40e+05; Best double
couple: M3:655000; 1017; NP1:0.301,00000; 825.00000;
1.106,00000; NP2:0.103,00000; 866.00000; 1.83,00000;
Principal axes: T 3.5130, P1g68.0000; Azm359.0000;
N 0.2790, P1g7.0000; Azm106.0000; P -3.7960,
P1g21.0000; Azm199.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

ISC 19 15:03:36.6-0.4, 8:35S,0:03x107.24E,0:03,h27km,2km,
h27km;pP-P,1n066,c2s01/1099,mb5.5/199,M55.3/130,
109C-22D, Fault plane solution: NP1:0.74,22574;
0.66,06350; 1.53,51078; NP2:0.315,48007; 0.42,70765;
1.143,25995; Principal axes: T P1g53.7543;
Azm292.893; N P1g32.9241; Azm90.9303; P
P1g13.4556; Azm199.8436; Jawar

Code	Station Name	Lat	Long	Phase ID	Time	Res
		° S	° E		h m s	ISC
CNJI	Cibinong	1.04	105.454	Op		
CNJI	Cibinong	1.04	105.454	Pb	15 03 57.2	+1.1
CNJI	Cibinong	1.04	105.454	Sb	15 04 10.8	+1.4
CNJI	Cimerak	1.33	105.65	P	15 04 01.5	+0.6
SKJI	Sukabumi	1.50	105.333	P	15 04 03.8	0.0
SKJI	Sukabumi	1.50	105.333	Pb	15 04 22.1	-0.4
LEM	Lembang	1.56	104.14	Pn	15 04 05.9	+0.9
LEM	Lembang	1.56	104.14	S	15 04 30.8	+6.3
LEM	Lembang	1.56	104.14	P	15 04 06.8	+1.8
LEM	Lembang	1.56	104.14	Sb	15 04 30.1	+5.7
DBJI	Dramaga	1.85	105.345	P	15 04 09.7	-0.1
DBJI	Dramaga	1.85	105.345	Pb	15 04 34.7	+2.1
TNG	Tangerang	2.25	105.345	P	15 04 17.1	+5.1
TNG	Tangerang	2.25	105.345	Pb	15 04 15.3	-1.2
CGJI	Cibinong	2.31	105.345	S	15 04 14.1	+1.2
CGJI	Cibinong	2.31	105.345	Sn	15 04 42.2	+1.8
SBJI	Sarang	2.48	105.345	P	15 04 17.8	+2.6
SBJI	Sarang	2.48	105.345	Pn	15 04 14.4	-2.3
XMI	Christmas Isla	2.58	105.216	P	15 04 14.2	-3.2
XMI	Christmas Isla	2.58	105.216	Pn	15 04 14.2	-3.2
XMI	Christmas Isla	2.58	105.216	P	15 04 14.7	-2.5
YOGI	Yogyakarta	3.28	105.345	P	15 04 27.5	+3.5
UGM	Wanagama	3.28	105.345	P	15 04 29.6	+3.2
UGM	Wanagama	3.28	105.345	Pn	15 04 29.2	+2.9
UGM	Wanagama	3.28	105.345	P	15 04 29.5	+3.2
SMRI	Semarang	3.43	105.345	P	15 04 33.4	-3.3
SMRI	Semarang	3.43	105.345	Pn	15 04 33.5	+5.2
SMRI	Semarang	3.43	105.345	P	15 04 33.3	-3.4
SMRI	Semarang	3.43	105.345	P	15 04 33.2	+2.0
BLSI	Bandar Lampung	3.69	105.345	P	15 04 36.6	-4.5
WOJI	Wonorejo, Jawa	3.69	105.345	P	15 04 39.0	-5.8
PCJI	Pacitan	3.98	105.345	P	15 04 38.6	+3.8
PCJI	Pacitan	3.98	105.345	P	15 04 38.0	+3.8
KASI	Kota Agung	3.91	105.345	P	15 04 35.8	+0.9
UWJI	Ujung Watu	4.15	105.345	P	15 04 42.9	+4.6
KLJ	Kotabumi	4.20	105.345	P	15 04 41.2	+2.3
KLJ	Kotabumi	4.20	105.345	Pn	15 04 43.9	+2.1
LWI	Liwa	4.56	105.345	P	15 04 45.7	+1.5
LWI	Liwa	4.56	105.345	Pn	15 04 49.3	+1.3
MDSI	Madura Dua	5.82	105.345	P	15 05 03.3	+2.1
LHSI	Lahat	5.92	105.345	P	15 05 06.1	+3.5
PMBI	Palemang	5.92	105.345	P	15 05 06.1	+3.5
PMBI	Palemang	5.92	105.345	Pn	15 05 00.1	-2.5
PMBI	Palemang	5.92	105.345	P	15 05 02.6	0.0
BWJI	Bawean	5.96	105.345	P	15 05 06.1	+3.4
GMJI	Gumukmas	6.14	105.345	P	15 05 10.4	+4.8
GMJI	Gumukmas	6.14	105.345	Pn	15 05 10.9	+3.8
PPBI	Pangkal Pinang	6.25	105.345	P	15 05 13.5	+5.4
BLJI	Banyuglugur	6.33	105.345	P	15 05 20.0	+4.7
JAGI	Jajag, Banyuw	6.84	105.345	P	15 05 18.5	+3.3
JAGI	Jajag, Banyuw	6.84	105.345	Pn	15 05 20.2	+4.9
JAGI	Jajag, Banyuw	6.84	105.345	P	15 05 23.1	+6.4
ABJI	Asem	7.14	105.345	P	15 05 24.3	+5.0
PBKI	Pangkalan Bun	7.14	105.345	P	15 05 20.8	+0.9
MASI	Maura Aman, Be	7.18	105.345	P	15 05 31.8	+6.5
JMBI	Jambi	7.58	105.345	P	15 05 33.3	+4.4
IGBI	Indragiri	7.83	105.345	P	15 05 33.9	+4.2
DNP	Denpasar	7.89	105.345	P	15 05 34.6	+4.8
SRBI	Singaraja	7.90	105.345	P	15 05 37.0	+2.3
DSRI	Dabo	8.26	105.345	P	15 05 38.7	+1.0
KRJI	Kerinci	8.47	105.345	P	15 05 51.4	+6.7
BBKI	Banjar Baru	8.99	105.345	P	15 05 45.8	-0.3
PPSI	Pulau Pagal	9.09	105.345	P	15 05 54.7	+4.7
STKI	Sintang	9.37	105.345	P	15 05 59.5	+0.7
PDSI	Padang	10.01	105.345	P	15 06 07.7	+6.3
KBKI	Kotabaru	10.20	105.345	P	15 06 07.0	+5.2
KSM	Kuching	10.23	105.345	Pn	15 06 03.6	+1.8
KSM	Kuching	10.23	105.345	P	15 06 08.8	+4.3
PLAI	Plampang	10.43	105.345	P	15 06 07.4	+2.9
MTKI	Muara Teweih, K	10.60	105.345	P	15 06 14.8	+7.9
BKNI	Bangkalin	10.61	105.345	Pn	15 06 07.8	+0.9
BKNI	Bangkalin	10.61	105.345	P	15 06 04.5	-2.5
BKNI	Bangkalin	10.61	105.345	Pn	15 06 05.7	-1.2
MYKOM	Kota Tinggi	10.63	105.345	P	15 06 10.0	+2.8
MYKOM	Kota Tinggi	10.63	105.345	P	15 06 04.7	-2.5
SISI	Saib	10.70	105.345	P	15 06 07.1	-1.1
SBSU	Sibu	11.83	105.345	P	15 06 30.0	+6.4
MNSI	Mandailing Nat	11.87	105.345	P	15 06 23.6	-0.6
WBSI	Waikabubak, Su	12.07	105.345	P	15 06 30.6	+3.5
KAPI	Kappang	12.86	105.345	P	15 06 39.5	+1.7
KAPI	Kappang	12.86	105.345	LR	15 12 30.0	
KAPI	Kappang	12.86	105.345	P	15 06 43.8	-4.5
KAPI	Kappang	12.86	105.345	P	15 06 43.8	-4.5
KAPI	Kappang	12.86	105.345	P	15 06 41.4	+3.6
JRMM	Jerantut	13.05	105.345	P	15 06 40.3	+2.6
BKNI	Bulukumba	13.14	105.345	P	15 06 46.7	-4.7
SPSI	Sidrap	13.20	105.345	P	15 06 48.3	-3.8
BASI	Baing, Sumba	13.30	105.345	P	15 06 46.5	+2.8
BSSI	Bau Bau, Buton	13.33	105.345	P	15 06 48.6	+4.4
BONI	Bone	13.38	105.345	P	15 06 51.3	-2.7
TTSI	Tana Toraja	13.58	105.345	P	15 06 53.4	-2.9
GSI	Gunungsitoli	13.59	105.345	P	15 06 44.5	-3.3
GSI	Gunungsitoli	13.59	105.345	Pn	15 06 42.1	-5.7
GSI	Gunungsitoli	13.59	105.345	P	15 06 42.6	-5.2
PSI	Prapat	13.84	105.345	P	15 06 44.9	-6.3
IPM	Ipo	14.17	105.345	P	15 07 03.0	+0.1

IPM	Ipo	14.17	105.345	Pn	15 06 55.3	-0.4
IPM	Ipo	14.17	105.345	P	15 06 55.4	-0.4
EDFI	Ende, Flores	14.30	105.345	P	15 06 56.0	-1.5
TSI	Tuntunan	14.61	105.345	P	15 07 04.4	+2.7
MMRI	Maumere	14.84	105.345	P	15 07 07.6	-2.7
MMRI	Maumere	14.84	105.345	Pn	15 07 04.2	-0.6
MMRI	Maumere	14.84	105.345	P	15 07 06.6	-1.1
KULM	Kulim	15.06	105.345	P	15 07 06.0	-1.7
KULM	Kulim	15.06	105.345	Pn	15 07 02.7	-5.0
KCSI	Katancane, Aceh	15.11	105.345	P	15 07 09.6	+1.2
MPSI	Mapaga	15.29	105.345	P	15 07 15.9	+0.6
GIRL	Giralila	15.72	105.345	P	15 07 13.5	-2.8
GIRL	Giralila	15.72	105.345	Pn	15 07 13.3	-2.9
GIRL	Giralila	15.72	105.345	Iamb	15 08 02.3	
SPMM	Sapulut	15.91	105.345	P	15 07 26.0	+3.8
APSI	Ampana	16.15	105.345	P	15 07 25.4	+0.5
BATI	Baumata	16.32	105.345	P	15 07 23.9	-0.2
BATI	Baumata	16.32	105.345	Sn	15 10 17.6	-6.8
BATI	Baumata	16.32	105.345	P	15 07 24.5	+0.5
BATI	Baumata	16.32	105.345	Pn	15 07 28.9	+0.6
TOLJ	Tolitoli	16.45	105.345	P	15 07 30.0	+1.7
TOLJ	Tolitoli	16.45	105.345	P	15 07 33.3	+0.3
KKM	Kota Kinabalu	16.87	105.345	P	15 07 33.1	+1.1
KKM	Kota Kinabalu	16.87	105.345	P	15 07 33.3	+0.2
SOEI	Soe	16.88	105.345	Pn	15 07 29.8	-1.4
SOEI	Soe	16.88	105.345	Iamb	15 08 19.5	
SOEI	Soe	16.88	105.345	P	15 07 34.7	+1.6
LHMI	Lhok Sumawe	16.95	105.345	Pn	15 07 29.4	-2.7
MRSI	Marisa	17.08	105.345	P	15 07 36.9	+1.7
LUWI	Luwuk	17.09	105.345	P	15 07 36.9	+1.6
LUWI	Luwuk	17.09	105.345	Iamb	15 08 01.4	
LUWI	Luwuk	17.09	105.345	P	15 07 36.9	+1.6
MBWA	Marble Bar	17.53	105.345	P	15 07 38.2	-1.0
MBWA	Marble Bar	17.53	105.345	Pn	15 07 38.3	-1.0
MBWA	Marble Bar	17.53	105.345	P	15 07 39.5	+0.3
PSA0	Pilbara Seismi	17.90	105.345	P	15 07 42.1	-1.6
PSA0	Pilbara Seismi	17.90	105.345	Iamb	15 08 12.2	-1.5
PSA0	Pilbara Seismi	17.90	105.345	P	15 07 44.0	-0.2
SRIT	Nakansritamar	18.48	105.345	P	15 07 47.3	-3.3
KMSI	Cibinong	18.90	105.345	P	15 07 57.8	+1.8
SANI	Sanana	19.69	105.345	P	15 08 06.2	+0.7
SANI	Sanana	19.69	105.345	Pn	15 08 05.4	-0.1
DLV	T Lat	20.20	105.345	IAMS_20	15 16 52.9	
DLV	T Lat	20.20	105.345	IAMS_20	15 08 09.9	+0.2
DLV	T Lat	20.20	105.345	P	15 08 14.0	+0.8
FITZ	Fitzroy Crossi	20.35	105.345	P	15 11 48.0	-1.0
FITZ	Fitzroy Crossi	20.35	105.345	LR	15 16 04.0	
FITZ	Fitzroy Crossi	20.35	105.345	P	15 10 14.1	+0.9
MEEK	Meekeatharra	21.15	105.345	P	15 08 22.0	+2.3
MEEK	Meekeatharra	21.15	105.345	P	15 08 22.4	+2.7
AAI	Ambon	21.35	105.345	P	15 08 23.5	+1.6
LBMI	Labuha	21.59	105.345	P	15 08 25.7	+1.1
TNTI	Ternate	22.02	105.345	P	15 08 28.9	-0.2
TNTI	Ternate	22.02	105.345	P	15 08 31.2	+2.1
MSAI	Masohi	22.14	105.345	P	15 08 34.3	+3.9
MORW	Morawa	22.21	105.345	P	15 08 33.0	+2.0
MORW	Morawa	22.21	105.345	P	15 08 30.9	-0.2
MORW	Morawa	22.21	105.345	P	15 08 33.9	+2.1
KNRA	Kunururra	22.26	105.345	P	15 08 31.7	0.0
KNRA	Kunururra	22.26	105.345	Iamb	15 08 50.9	
KNRA	Kunururra	22.26	105.345	P	15 08 33.8	+2.1
DRS	Darwin Rock St	23.62	105.345	P	15 08 47.7	+2.0
SAUI	Saumlaki	23.82	105.345	P	15 08 50.1	+2.4
SAUI	Saumlaki	23.82	105.345	P	15 08 51.8	+4.1
BLDU	Ballidu	23.85	105.345	P	15 08 49.9	+2.1
DAV	Davao City (W)	23.8				

949	SHLS	Shalkode	57.16 336	eP	P	15 13 18.0	-3.1
	SHLS	comp=Z,27nm,1.1s		pmax	pmax		
	KDJ	Kajisay	57.27 334	P	P	15 13 20.7	-1.4
	KDJ	comp=Z,376nm,1.9s		pmax	pmax		
	PDGK	Kajisay	57.27 334	P	P	15 13 20.7	-1.4
	PDGK	Podgornoye	57.29 336	iP	pmax	15 13 20.2	-1.9
	SHAO	Shalim	57.29 298	P	P	15 13 21.7	-0.7
	UZB	Uzymbulak	57.33 336	eP	P	15 13 20.4	-2.1
	UZB	comp=Z,59nm,1.6s,baz=336		eP	pmax		
	UZB	Uzymbulak	57.33 336	eP	pmax	15 13 20.3	-2.1
	SMDO	Samad	57.35 304	P	P	15 13 25.0	+2.1
	BIDO	Bidbid	57.50 305	P	P	15 13 26.0	+2.2
	SATY	Saty	57.51 335	eP	P	15 13 22.0	-1.7
	SATY	comp=Z,68nm,1.9s,baz=335		eP	pmax		
	SATY	Saty	57.51 335	eP	pmax	15 13 21.9	-1.7
	DMTO	DMTO	57.77 297	P	P	15 13 29.3	+3.4
	CASY	Casey	57.88 178	P	P	15 13 24.4	-1.4
	CASY	comp=Z,3um,20.0s		IAMS_20	IAMS_20		15 34 06.5
	BSY	Bisyay	57.91 303	P	P	15 13 29.0	+2.2
	JTM	Tenabayashi	57.98 30	P	P	15 13 25.5	-1.3
	TNSS	Tian-Shan	58.11 334	eP	P	15 13 26.8	-1.4
	BOOM	Boomskeye usch	58.11 333	P	pmax	15 13 24.5	-3.5
	BOOM	Boomskeye usch	58.11 333	P	IAMB	15 13 24.5	-3.5
	BOOM	comp=Z,123nm,1.7s		P	pmax		15 13 29.0
	MDOK	Medeo	58.17 334	eP	P	15 13 26.5	-1.9
	MDOK	Medeo	58.17 334	eP	P	15 13 26.4	-1.9
	HOQ	Hogain	58.19 304	P	P	15 13 30.2	+1.5
	GAR	Garm	58.27 327	P	P	15 13 26.4	-2.7
	RBK	Rabkut	58.35 296	P	P	15 13 31.0	+1.1
	DZM	Mont Dzumac	58.41 111	eP	P	15 13 30.3	-0.1
	DZM	comp=Z,137nm,1.2s		eS	S	15 21 33.3	+1.1
	DZM	comp=Z,2um,28.6s		eLR	LR	15 30 41.5	
	DZM	Mont Dzumac	58.41 111	LR	LR	15 41 26.2	
	DZM	Mont Dzumac	58.41 111	P	P	15 13 32.3	+1.9
	HIA	Hallar	58.41 10	P	P	15 13 28.0	-1.8
	HIA	comp=Z,35nm,1.0s		MLR	MLR		
	HIA	Hallar	58.41 10	P	IAMB	15 13 28.0	-1.8
	HIA	comp=Z,2um,18.0s		P	IAMB		
	HIA	Hallar	58.41 10	IAMS_20	IAMS_20	15 42 23.4	
	UCH	Uchtor	58.56 332	P	P	15 13 30.9	-0.5
	ZAK	Zakamensk	58.59 357	eP	pmax	15 13 29.4	-1.7
	TKM2	Tokmak 2	58.61 333	P	P	15 13 29.6	-1.8
	TKM2	Tokmak 2	58.61 333	P	P	15 13 29.5	-2.0
	CHGR	Chuyangaron	58.66 326	P	P	15 13 29.8	-1.3
	KBK	Karagaybulak	58.69 333	P	P	15 13 29.8	-2.2
	ARXS	Arharly	58.70 336	eP	P	15 13 30.6	-1.3
	ARQ	Aragi	58.73 304	P	P	15 13 33.7	+1.2
	BTK	Batken	58.76 328	P	P	15 13 31.2	-1.3
	BTK	Batken	58.76 328	P	pmax	15 13 31.2	-1.3
	BTK	comp=Z,86nm,0.9s		IAMB	IAMB	15 13 33.0	
	YATNC	Mamie plateau,	58.83 111	P	P	15 13 36.8	+3.6
	DOK	Doka	58.83 298	P	P	15 13 34.1	+0.8
	AML	Almayashu	58.87 331	P	P	15 13 32.1	-1.4
	AML	Almayashu	58.87 331	iP	P	15 13 33.3	-0.2
	AML	Almayashu	58.87 331	P	P	15 13 32.2	-1.4
	AAK	Ala-Archa	58.88 332	P	P	15 13 31.9	-1.4
	AAK	comp=Z,9.4nm,0.9s,baz=158,slow=5.5,SNR=29		LR	LR	15 44 10.3	
	AAK	Ala-Archa	58.88 332	P	P	15 13 33.3	0.0
	AAK	Ala-Archa	58.88 332	iP	P	15 13 32.6	-0.7
	AAK	Ala-Archa	58.88 332	P	P	15 13 32.0	-1.4
	AAK	Ala-Archa	58.88 332	IAMS_20	IAMS_20	15 13 33.4	0.0
	AAK	Ala-Archa	58.88 332	IAMS_20	IAMS_20	15 43 48.6	
	WHFO	Wadi Hawf	58.95 297	P	P	15 13 34.8	+1.1
	SANVU	Saraoutou	58.95 103	P	P	15 13 31.9	-2.1
	SANVU	comp=Z,2um,20.0s		IAMS_20	IAMS_20	15 41 13.3	
	ZSN	Zaisan	59.00 342	eP	P	15 13 32.5	-1.4
	ZSN	Zaisan	59.00 342	eP	P	15 13 32.4	-1.4
	OPO	Ambohadratomo	59.05 253	P	P	15 13 36.5	+1.5
	CHMS	Chumysh	59.05 333	P	P	15 13 33.7	-0.7
	KUU	Kurty	59.06 334	eP	P	15 13 32.1	-2.3
	KUU	comp=Z,68nm,1.1s,baz=334		eP	pmax		
	KUU	Kurty	59.06 334	eP	pmax	15 13 32.1	-2.3
	SOHO	SOHO	59.08 304	iP	P	15 13 35.3	+0.5
	SOHO	SOHO	59.08 304	P	P	15 13 35.5	+0.7
	ABTO	Aybut	59.10 296	P	P	15 13 37.0	+1.8
	TDK	Taldyqorghan	59.12 337	eP	P	15 13 32.7	-2.1
	TDK	Taldyqorghan	59.12 337	eP	P	15 13 32.6	-2.1
	MK31	Makanchi Array	59.23 340	P	P	15 13 33.5	-2.0
	MK31	comp=Z,28nm,0.9s		pmax	pmax		
	MK31	Makanchi Array	59.23 340	P	IAMB	15 13 33.5	-2.0
	MK31	Makanchi Array	59.23 340	P	P	15 13 33.3	-2.2
	MKAR	Makanchi Array	59.23 340	P	P	15 21 38.8	-2.9
	MKAR	comp=Z,2.1nm,0.7s,baz=149,slow=7.0,SNR=13		S	S		
	MKAR	comp=Z,1.7nm,1.0s,baz=146,slow=14,SNR=3.7		LR	LR	15 42 41.6	
	MKAR	comp=Z,3um,18.1s,baz=150,slow=40		PKPPKP	PKPPKP	15 43 08.7	+3.4
	MKAR	comp=Z,0.3nm,0.8s,baz=354,slow=2.9,SNR=1.6		P	P	15 13 33.5	-2.0
	MKAR	Makanchi Array	59.23 340	P	P	15 13 33.5	-2.0
	MKAR	Makanchi Array	59.23 340	P	P	15 13 33.5	-2.0
	EKSZ	Erkin-Say	59.24 332	P	P	15 13 34.5	-1.2
	MAKZ	Makanchi	59.35 340	P	P	15 13 35.5	-0.8
	MAKZ	Makanchi	59.35 340	P	IAMB	15 13 35.0	-1.3
	MAKZ	comp=Z,43nm,1.1s		IAMB	IAMB	15 14 40.6	
	TEY	Ternei	59.36 241	eP	pmax	15 13 35.3	-1.0
	TEY	comp=Z,40nm,0.8s		pmax	pmax		
	USP	Ospenovka	59.37 333	P	P	15 13 35.9	-0.7
	SGD	Sogindyo	59.46 333	eP	P	15 13 35.1	-2.1
	SGD	comp=Z,50nm,1.7s,baz=333		P	P	15 13 36.4	-0.8
	SGDS	Sogindyo	59.46 333	eP	P	15 13 35.4	-0.8
	VOI	Vohitsoka	59.55 250	IAMS_20	IAMS_20	15 33 08.7	
	VOI	comp=Z,3um,20.0s		IAMS_20	IAMS_20		
	UMZA	Um Al Zommool	59.59 302	P	P	15 13 42.7	+4.4
	ALNE	Al Ain	59.68 304	iP	P	15 13 38.8	+0.4
	ALNE	SNR=7.9		P	P	15 13 39.9	+0.8

2015 DEC

ALNE	Al Ain	59.68 304	P	P	15 13 40.6	+1.6	
	SNR=24						
	UOSS	Minazif	59.71 305	iP	P	15 13 39.6	+0.4
	UOSS	Minazif	59.71 305	P	P	15 13 39.5	+0.2
	UOSS	Minazif	59.71 305	iP	P	15 13 40.0	+0.8
	ASHO	Ashlyyah	59.71 305	P	P	15 13 41.0	+1.7
	ASHO	SNR=14					
	HATD	Hatta, Dubai	59.71 305	iP	P	15 13 40.6	+1.3
	HATD	SNR=19					
	HATD	Hatta, Dubai	59.71 305	P	P	15 13 41.0	+1.7
	TLY	Talya	59.87 357	P	P	15 13 38.6	-1.2
	TLY	comp=Z,54,slow=8.7					
	TLY	Talya	59.87 357	iP	pmax	15 13 39.1	-0.7
	TLY	comp=Z,38nm,1.0s		MLR	MLR		
	TLY	comp=Z,6um,20.0s		IAMS_20	IAMS_20	15 42 54.5	
	TLY	Talya	59.87 357	IAMS_20	IAMS_20	15 42 54.5	
	MSFE	Esma-Masafi	59.93 306	iP	P	15 13 42.0	+1.2
	ERM	Erimo	59.94 30	P	P	15 13 39.8	-0.6
	ERM	comp=Z,60nm,0.8s		pmax	pmax		
	ERM	Erimo	59.94 30	P	P	15 13 39.8	-0.6
	ERM	Erimo	59.94 30	P	IAMB	15 13 40.8	
	ERM	comp=Z,2um,20.0s		MLR	MLR		
	ERM	Erimo	59.94 30	IAMS_20	IAMS_20	15 41 19.1	
	ERM	Erimo	59.94 30	IAMS_20	IAMS_20	15 41 19.1	
	MASF	Masafi	59.94 306	P	P	15 13 42.7	+1.9
	MASF	SNR=13					
	MOY	Monday	60.02 356	eP	pmax		

19d 15h

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like Makhachkala, Vanda, Petropavlovsk, etc.

2015 DEC

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like TIXI, KIROV, VRH, QSPA, etc.

950

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like VNA2, ANKY, QUR, VNA1, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like ARSA, SOKA, OBKA, CKRC, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like Newport, M04C, O03E, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like HRV, L61B, CCM, etc.

19D 15H: 10.16.3.1.4, 60.61.6.3.1.78W, h0km, mb4.2/2, mb1.4/2.2, mb1mx3.7/3.1, mbmp4.1/2, MS4.0/1, MS1.4/0.1, ms1mx3.2/2.7 Error ellipse: s-maj=90.2km s-min=53.7km az=112.0

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h, s, I, SC

19d 15h

Table with columns: LBTB, Lobatse, 52.64 74 LR, LR, 15 38 03.4, etc. Includes stations like ASCENSION HYDR53.22, ASCENSION HYDR54.34, etc.

EAF 19 15:13:22.2.6.1, 19.69S, 30.41E, h10km, MD3.9
BUL 19 15:13:21.7.1.7, 19.71S, 30.58E, h10km, MD3.4

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc. Includes stations like BLWY Bulawayo, CHIPN CHIPINGE, etc.

MEX 19 15:15:46.6.1.1, 15.79N, 93.69W, h93km, 8km, MD4.5
IDC 19 15:15:46.2.2.3, 16.10N, 93.38W, h75km, 28km, mb3.6/5, mb1 4.0/7, mb1mx3.4/53, mbtmp4.0/7, Error ellipse:

s-maj=99.3km s-min=18.5km az=36.0
ISC 19 15:15:45.3.0.6, 15.79N, 0.05, 93.75W, 0.03, h86km, 6km, 19.8, -18.7147, mb4.0/5, Near coast of Chiapas

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc. Includes stations like PCIG, TGIG, TGBT, PATR, PAVE, UXUV, CCIG, THIG, CMIG, etc.

MOS 19 15:24:21.9.1.2, 41.62N, 79.58E, h6km, mb4.6/1, Error ellipse: s-maj=7.3km s-min=4.7km az=119.4
IDC 19 15:24:21.6.1.0, 41.49N, 79.41E, h0km, mb3.7/13, mb1 3.8/19, mb1mx3.5/75, mbtmp3.7/19, ML3.5/6, MS4.6/1, Ms1 4.6/1, ms1mx3.1/59, Error ellipse: s-maj=18.9km s-min=15.3km az=5.0

BUI 19 15:24:23.7.0.0, 41.86N, 79.28E, h7km, mb4.3/4, ML4.0/9
KRNET 19 15:24:26.0.0.1, 41.85N, 79.31E, h20km, mb4.2
SOME 19 15:24:26.1.1, 41.88N, 79.22E, h10km, MS3.5
NMC 19 15:24:26.6.1.6, 41.84N, 79.28E, h0km, mb4.7, mpv4.5, Error ellipse: s-maj=11.6km s-min=6.3km az=152.0
ISC 19 15:24:25.8.1.1, 41.80N, 0.03, 79.40E, 0.03, h17km, 7km, n156, c22/227, mb3.8/14, 34C-22D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc. Includes stations like PRZ Przheval'sk, SHLS Shalkode, etc.

2015 DEC

Main table with columns: UZB, Uzynbulak, SATY, etc. Includes stations like Uzynbulak, Karabastau, Karagaybulak, etc.

952

Table with columns: DGS, KUU, KUR, etc. Includes stations like Karagaybulak, Karabastau, Karagaybulak, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like 137A Lemond, Waseca, 76.98 344 P P, 137B ISCO Idaho Springs, 76.99 333 P P, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BOSA comp=Z,1µm,18.0s,ba=252,slow=35, BOSA Boshof, 81.06 118 P P, BOSA Boshof, 81.06 118 P P, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TZRR comp=Z,70nm,0.7s, Willamarine, 87.28 52 P P, KZRD Willamette Mer, 87.40 324 P P, etc.

19d 19h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PAB San Pablo, ESDC Sonseca Array, and many others.

2015 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PRU Pruhonic, STKA Stephens Creek, and many others.

962

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KIS Kishinev, ISAL Salakas, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMG Port Moresby, KARS Kars, and BELG Belogornoye.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NRIK, MA2 Magadan, and YUK Yuzh-Kuril'sk.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSM Kuching, ZAAO Zalesovo Array, and MAKZ Makanchi.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAMC, PUERTO BERRIO, OCana, San Pablo de B, ZARAGOZA, SMLC, NORCASIA, CHINGAZA, ROSC, HELC, UREC, SOCV, PTGC, CBOC, DBBC, ANIL, SJCC, PLMC, PCRV, YKA, ASAR, WRA, FUNV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NORC, ROSC, HELC, CACV, MERV, GUY2C, CBOC, BIRV, ANIL, PLMC, PCRV, PTGA, PDAR, YKA, ASAR, WRA, NEIC, IDC, AEIC, ISC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PETK, IL31, ILAR, ILAR, H24K, DOT, L26K, SCRK, PRP, BCAR, TOLK, EOK, A21K, BMAR, DAWY, INK, DLBO, DLBC, ASAJ, YKA, YKA, YKA, YKA, EDM, H11N2, H11N3, H11N1, H11S1, H11S2, H11S3, PAHR, BCYI, MCMT, NVAR, ELK, PDAR, PDAR, GSC, TX31, TXAR, TXAR, KURK, KURK, KURB, KURBB, BINY, LS9A, NS9A, FIA1, FINES, FINES, NC303, AAK, ABKAR, ABKAR, KKAR, GAR, GAR, BURO8, BURO8, WRA, ASAR, WIE, WATA, WATA, WTTA, WTTA, SOTA, SOTA, MOTA, MOTA, IKRK, IKRK, IKRK, CUKT, CUKT, CUKT, YOVA, YOVA, YOVA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like USSAOB, USRK, USRKB, MDJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MK31, MKAR, MAKZ, etc.

IDC 19 23:04:29.5:2.4,26.49N;140.62E,h0km,mb3/4, mb1 3.8/5,mb1mx3.4/4,mbtm3/6/5,ML2.2/1, Error ellipse: s-maj=123.7km s-min=23.9km az=80.0, Bonin Islands region

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

JMA 19 23:13:54.7:0.2,33.05N;137.24E,h436km,M2.9 IDC 19 23:14:01.0:1.5,33.29N;137.17E,h381km,15km,mb2.7/5, mb1 2.9/7,mb1mx2.5/4,mbtm3/4/7, Error ellipse: s-maj=29.6km s-min=22.7km az=74.0

ISC 19 23:14:01.3:1.0,33.33N;137.26E;0.09,h400km,n19, c=2512/1,mb2/5, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TTO2, TTO1, JIJC, etc.

IDC 19 23:30:14.8:1.3,6:55N;125.95E,h71km,12km,mb3/6/6, mb1 3.8/6,mb1mx3.4/4,mbtm3/9/6, Error ellipse: s-maj=82.4km s-min=18.1km az=72.0

NEIC 19 23:30:15.7:1.3,6:61N;0.1x125.9E;0.2,h76km,gkm, mb4-3/12, Error ellipse: s-maj=26.1km s-min=12.3km az=70.0

MAN 19 23:30:17.2:6:70N;125.92E,h26km,mb4.7,ML3.6,MS3.5 ISC 19 23:30:17.1:0.6,6:33N;0.06x125.7E;0.1,h100km,n30, c=1861/32,mb4.1/10,3C-10,Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KCP, GSPH, GSPH, GLSP, etc.

IDC 19 23:46:52.0:1.9,25:41S;179.64E,h509km,17km,mb3/5/6, mb1 3.7/9,mb1mx3.4/28,mbtm3/4/9, Error ellipse: s-maj=29.9km s-min=17.9km az=152.0

NEIC 19 23:46:53.0:1.3,25:45S;0.1x179.7E;0.2,h516km,gkm, mb4-3/22, Error ellipse: s-maj=19.8km s-min=19.0km

ISC 19 23:46:51.9:0.6,25:39S;0.08x179.63E;0.09,h507km,n50, c=8915/12,mb4.2/18, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF, MARNC, PZNC, etc.

WRA Warramunga Arr 41.99 268 P P 23 53 57.5 -0.9

WRA Warramunga Arr 41.99 268 P P 23 53 57.9 -1.2

WRA Warramunga Arr 41.99 268 P P 23 53 58.4 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 58.7 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 59.0 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 59.3 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 59.6 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 59.9 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 60.2 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 60.5 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 60.8 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 61.1 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 61.4 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 61.7 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 62.0 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 62.3 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 62.6 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 62.9 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 63.2 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 63.5 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 63.8 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 64.1 -0.2

WRA Warramunga Arr 41.99 268 P P 23 53 64.4 -0.1

WRA Warramunga Arr 41.99 268 P P 23 53 64.7 -0.2

M=1 2.8/4,ms1mx2.6/36, Error ellipse: s-maj=25.8km, s-min=15.8km az=36.0, NEIC 20 00:08:31.6:2.2,9:39S;0.04x72.76W;0.07,h15km,4km, mb4-3/23, Error ellipse: s-maj=10.5km s-min=6.3km az=87.0

VAO 20 00:08:43.3:0.9,8:79S;71.21W,h10km,mbR4,0 ISC 20 00:08:30.0:0.4,9:33S;0.04x72.63W;0.05,h10km,n84, c=2518/87,mb4.1/13, Peru-Brazil border region

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

LPZAZ La Paz 8.19 148 P P 00 10 31.2 +1.3

LPZAZ La Paz 8.19 148 P P 00 10 31.7 +2.1

LPZAZ La Paz 8.19 148 P P 00 10 32.2 +0.9

LPZAZ La Paz 8.19 148 P P 00 10 32.7 +1.6

LPZAZ La Paz 8.19 148 P P 00 10 33.2 +0.4

LPZAZ La Paz 8.19 148 P P 00 10 33.7 +1.1

LPZAZ La Paz 8.19 148 P P 00 10 34.2 +1.8

LPZAZ La Paz 8.19 148 P P 00 10 34.7 +0.5

LPZAZ La Paz 8.19 148 P P 00 10 35.2 +1.2

LPZAZ La Paz 8.19 148 P P 00 10 35.7 +1.9

LPZAZ La Paz 8.19 148 P P 00 10 36.2 +0.6

LPZAZ La Paz 8.19 148 P P 00 10 36.7 +1.3

LPZAZ La Paz 8.19 148 P P 00 10 37.2 +2.0

LPZAZ La Paz 8.19 148 P P 00 10 37.7 +0.7

LPZAZ La Paz 8.19 148 P P 00 10 38.2 +1.4

LPZAZ La Paz 8.19 148 P P 00 10 38.7 +2.1

LPZAZ La Paz 8.19 148 P P 00 10 39.2 +0.8

LPZAZ La Paz 8.19 148 P P 00 10 39.7 +1.5

LPZAZ La Paz 8.19 148 P P 00 10 40.2 +2.2

LPZAZ La Paz 8.19 148 P P 00 10 40.7 +0.9

LPZAZ La Paz 8.19 148 P P 00 10 41.2 +1.6

LPZAZ La Paz 8.19 148 P P 00 10 41.7 +2.3

LPZAZ La Paz 8.19 148 P P 00 10 42.2 +1.0

LPZAZ La Paz 8.19 148 P P 00 10 42.7 +1.7

LPZAZ La Paz 8.19 148 P P 00 10 43.2 +0.4

LPZAZ La Paz 8.19 148 P P 00 10 43.7 +1.1

LPZAZ La Paz 8.19 148 P P 00 10 44.2 +1.8

LPZAZ La Paz 8.19 148 P P 00 10 44.7 +0.5

LPZAZ La Paz 8.19 148 P P 00 10 45.2 +1.2

LPZAZ La Paz 8.19 148 P P 00 10 45.7 +1.9

LPZAZ La Paz 8.19 148 P P 00 10 46.2 +0.6

LPZAZ La Paz 8.19 148 P P 00 10 46.7 +1.3

LPZAZ La Paz 8.19 148 P P 00 10 47.2 +2.0

LPZAZ La Paz 8.19 148 P P 00 10 47.7 +0.7

LPZAZ La Paz 8.19 148 P P 00 10 48.2 +1.4

LPZAZ La Paz 8.19 148 P P 00 10 48.7 +2.1

LPZAZ La Paz 8.19 148 P P 00 10 49.2 +0.8

LPZAZ La Paz 8.19 148 P P 00 10 49.7 +1.5

LPZAZ La Paz 8.19 148 P P 00 10 50.2 +2.2

LPZAZ La Paz 8.19 148 P P 00 10 50.7 +0.9

LPZAZ La Paz 8.19 148 P P 00 10 51.2 +1.6

LPZAZ La Paz 8.19 148 P P 00 10 51.7 +2.3

LPZAZ La Paz 8.19 148 P P 00 10 52.2 +1.0

IDC 20 00:48:29.4:0.8,9:19S;72.63W,h0km,mb3.9/10, mb1 4.2/15,mb1mx1.1/37,mbtm4.1/15,ML4.2/5,MS2.7/4,

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

NEIC 20 00:39:15.6±1.1, 6.16S:0.07±122.36E:0.08, h10km, 1km, mb4.3/9, Error ellipse: s-maj=17.6km s-min=6.5km az=230.0

ICD 20 00:39:16.1±1.1, 5.90S:122.48E, h0km, mb3.9/4, mb1 4.0/7, mb1mx3.6/5.1, mbtpm4.0/7, ML3.6/3, MS3.0/4, Ms1 3.1/4, ms1mx2.7/4.7, Error ellipse: s-maj=42.4km s-min=18.9km az=58.0

DJA 20 00:39:20.4±0.5, 6.5±0.4, 122.2E, h76km, 36km, M4.4/12, mb5.2/1, mb5.5/1, MLv4.0/12, Mw(mb)5.0/1

ISC 20 00:39:19.0±0.7, 6.12S:0.06±122.47E:0.07, h35km, n37, c1333/37, mb4.2, Flores Sea

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

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

ATH 20 00:45:53.3, 36.59N:25.63E, h22km, 1km, ML2.6/6, Error ellipse: s-maj=3.5km s-min=0.9km az=275.0

THE 20 00:45:54.3, 36.62N:25.60E, h4km, 2km, ML2.5/8, Error ellipse: s-maj=2.4km s-min=0.5km az=198.0

ISC 20 00:45:54.0±0.9, 36.60N:0.03±25.60E:0.04, h15km, 7km, n36, c031/50, Dodecanese Islands

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

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

NNC 20 01:00:13.6±6.4, 38.37N:70.24E, h8km, 30km, mb3.6, mpv3.1, 4C-4D, Error ellipse: s-maj=43.0km s-min=21.3km az=178.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Karatay Array, Ala-Archa, etc.

NEIC 20 01:06:21.4±1.2, 21.35S:0.09±174.1W:0.1, h10km, 1km, mb4.1/9, Error ellipse: s-maj=16.9km s-min=15.3km az=100.0

ICD 20 01:06:22.0±0.7, 21.50S:174.65W, h0km, mb4.2/12, mb1 4.4/14, mb1mx4.0/4.8, mbtmp4.2/14, ML3.6/2, MS3.8/15, Ms1 3.8/15, ms1mx3.6/3.9, Error ellipse: s-maj=28.3km s-min=19.0km az=134.0

ISC 20 01:06:21.4±0.6, 21.47S:0.10±174.00W:0.08, h10km, n52, c1955/31, mb4.1/14, MS3.9/13, Tonga Islands

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

KMA 20 01:07:53.0±0.2, 38.25N:127.82E, h7km, 3km, Error ellipse: s-maj=2.6km s-min=0.7km az=331.0, North

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HWCB Hwachoon, KSCWO Cheorwon, SEHB SEOHWA, etc.

IDC 20 01:08:35.7-0.7, 1.45S-100.63E, h69km, 6km, mb4.1/24, mb1.4/2/27, mb1mx3.8/61, mbtmp4.4/27, MS3.1/6, Ms1.3.1/6, ms1mx2.9/44, Error ellipse: s-maj=17.0km s-min=9.4km az=53.0

NEIC 20 01:08:36.1-1.8, 1.49S:0.09x100.50E:0.07, h68km, 5km, mb4.5/32, Error ellipse: s-maj=13.0km s-min=10.4km az=191.0

DJA 20 01:08:37.7-0.2, 1.5S:2.10E, h43km, 6km, M4.6/20, mb4.6/7, mb4.6/2, MLV4.6/20, Mw(mb)3.8/2, ISC 20 01:08:34.8-0.1, 1.47S:0.05:100.51E:0.04, h58km, n151, c145/148, mb4.5/50, MS2.9/3, 14C-5D, Southern Sumatara

Main station list table for the first column, including stations like PDSI Padang, KRJI Kerinci, PPSI Pulau Pagai, etc.

Main station list table for the second column, including stations like TARG Taragay, Kyrgyz, HTT Hallett, KDJ Kajisa, STKA Stephens Creek, etc.

Main station list table for the third column, including stations like mb1.4/2/10, mb1mx3.9/33, mbtmp4.2/10, MS3.6/10, NEIC 20 01:10:19.0-4.0, 52.3S:0.1x176E:0.3, h10km, 1km, mb4.4/8, Error ellipse: s-maj=33.0km s-min=14.4km az=292.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMAZ, KORT, CMRD, AKAS, KONT, etc.

IDC 20 01:43:54.4±1.1, 51.35N; 168.82W, h0km, mb3.8/10, m1 4.0/11, mb1mx3.6/59, mbtmp3.7/11, ML3.3/1, Error ellipse: s-maj=33.3km s-min=18.6km az=0.0

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like NIKH, NIKH, OKSP, etc.

IDC 20 02:02:56.5±7.2, 25.615S; 178.70W, h0km, mb3.5/2, m1 3.8/12, mb1mx3.5/25, mbtmp3.5/2, Error ellipse: s-maj=31.4km s-min=109.3km az=161.0, South of Fiji

IDC 20 02:22:1.1±1.1, 35.13N; 123.13E, h0km, mb3.8/7, m1 3.8/14, mb1mx3.5/61, mbtmp3.6/14, ML3.4/5, Error ellipse: s-maj=22.6km s-min=17.9km az=179.0

IDC 20 02:26:2.0±0.8, 34.97N; 107.2314E, h0km, mb3.8/7, m1 3.8/14, mb1mx3.5/61, mbtmp3.6/14, ML3.4/5, Error ellipse: s-maj=22.6km s-min=17.9km az=179.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 01:47:21.9±1.2, 13.65N; 91.83W, h9km, 40km, ML3.3, UCR 20 01:47:22.1±1.3, 13.66N; 91.83W, h10km, 42km, ML3.2, mb4.2(NEIC)

IDC 20 01:47:21.9±1.2, 13.65N; 91.83W, h9km, 40km, ML3.3, UCR 20 01:47:22.1±1.3, 13.66N; 91.83W, h10km, 42km, ML3.2, mb4.2(NEIC)

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STG3, Santiaguillo 3, FUG, Fuego 3, NUB, Las Nubes, etc.

IDC 20 02:02:56.5±7.2, 25.615S; 178.70W, h0km, mb3.5/2, m1 3.8/12, mb1mx3.5/25, mbtmp3.5/2, Error ellipse: s-maj=31.4km s-min=109.3km az=161.0, South of Fiji

IDC 20 02:22:1.1±1.1, 35.13N; 123.13E, h0km, mb3.8/7, m1 3.8/14, mb1mx3.5/61, mbtmp3.6/14, ML3.4/5, Error ellipse: s-maj=22.6km s-min=17.9km az=179.0

IDC 20 02:26:2.0±0.8, 34.97N; 107.2314E, h0km, mb3.8/7, m1 3.8/14, mb1mx3.5/61, mbtmp3.6/14, ML3.4/5, Error ellipse: s-maj=22.6km s-min=17.9km az=179.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 01:47:21.9±1.2, 13.65N; 91.83W, h9km, 40km, ML3.3, UCR 20 01:47:22.1±1.3, 13.66N; 91.83W, h10km, 42km, ML3.2, mb4.2(NEIC)

IDC 20 01:47:21.9±1.2, 13.65N; 91.83W, h9km, 40km, ML3.3, UCR 20 01:47:22.1±1.3, 13.66N; 91.83W, h10km, 42km, ML3.2, mb4.2(NEIC)

IDC 20 01:47:21.9±1.2, 13.65N; 91.83W, h9km, 40km, ML3.3, UCR 20 01:47:22.1±1.3, 13.66N; 91.83W, h10km, 42km, ML3.2, mb4.2(NEIC)

IDC 20 01:47:21.9±1.2, 13.65N; 91.83W, h9km, 40km, ML3.3, UCR 20 01:47:22.1±1.3, 13.66N; 91.83W, h10km, 42km, ML3.2, mb4.2(NEIC)

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THR6, Thira Island, THR5, Thira Island, etc.

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

IDC 20 02:47:46.1±1.7, 32.08N; 102.115W, h13km, 2km, MD3.1, ML3.3, Error ellipse: s-maj=3.9km s-min=2.1km az=64.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MNK, Vitosha, Naroch, BOVS, TRPA, SIRR, FINES, etc.

IDD 20 02:51:11.6:2.4, 21.16S:179.00W, h0km, mb4.1/2, mb1 4.4/3, mb1mx3.6/35, mbtmp4.2/3, ML4.4/1, Error ellipse: s-maj=59.4km s-min=48.2km az=125.0

NEIC 20 02:52:10.3:0.7, 23.6S:0.2:180.0W:0.2, h52.4km, mb4.2/7, Error ellipse: s-maj=30.8km s-min=24.8km az=101.0

NOU 20 02:52:10.4, 23.87S:179.76W, h533km, mb4.2/8, South of Fiji Islands

ISC 20 02:52:10.3:1.0, 23.8S:0.1:179.9W:0.2, h550km, n31, +0979/30, mb4.0/6, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSFV, TAVE, DGTI, URZ, etc.

ISC 20 02:52:26.5:2.1, 23.57S:115.35W, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.8/27, mbtmp3.7/4, MS3.8/8, Ms1 3.8/8, ms1mx3.5/26, Error ellipse: s-maj=110.5km s-min=34.6km az=58.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RPN, TAOE, TBI, PPT2, PPT, H03N2, H03N3, H03N1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PLCA, CPUP, PVGA, NVAR, PDAR, MDP, YKA, etc.

IDD 20 02:57:04.7:1.5, 21.41S:101.44E, h0km, mb3.9/7, mb1 4.0/7, mb1mx3.6/39, mbtmp3.9/7, Error ellipse: s-maj=72.6km s-min=17.6km az=53.0

ISC 20 02:57:10.1:4.2, 24.5:0.3:101.5E:0.4, h35km, n7, +0069/7, mb3.9/7, Southern Sumatra

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

NEIC 20 03:22:03.2:2.0, 13.62N:0.07:92.58W:0.06, h3km, 7km, mb4.1/3, Error ellipse: s-maj=10.0km s-min=8.8km az=168.0

ISC 20 03:22:05.3:2.3, 13.98N:92.28W, h0km, mb3.9/2, mb1 4.1/4, mb1mx3.6/36, mbtmp3.6/4, ML3.2/2, Error ellipse: s-maj=131.6km s-min=49.3km az=45.0

ISC 20 03:22:05.0:1.4, 13.77N:0.2:92.4W:0.2, h10km, n18, +138/20, mb4.2/3, Off coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTAL, ORTO, DUNO, SJCC, etc.

ISC 20 03:24:34.7:7.2, 13.77N:92.19W, h0km, mb3.9/3, mb1 4.1/5, mb1mx3.7/38, mbtmp3.7/5, ML3.2/2, Error ellipse: s-maj=182.3km s-min=75.5km az=27.0, Off east of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMIG, TXAR, NVAR, YKA, etc.

ISC 20 03:41:58.7:0.7, 29.24S:61.30E, h0km, mb4.1/9, mb1 4.3/10, mb1mx3.8/44, mbtmp4.1/10, ML4.2/1, MS3.6/5, Ms1 3.5/5, ms1mx3.2/37, Error ellipse: s-maj=27.5km s-min=19.6km az=111.0

NEIC 20 03:42:01.1:1.7, 29.3S:0.1:61.24E:0.09, h10km, 1km, mb4.6/16, Error ellipse: s-maj=22.2km s-min=4.4km az=213.0

ISC 20 03:42:00.6:0.6, 29.3S:0.1:61.2E:0.1, h10km, n38, +0578/28, mb4.4/15, MS3.6/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RER, VOI, OPO, H08S1, H08S2, H08S3, BOSA, LSZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TSUM, H01W2, H01W3, H01W1, GSI, CASY, CMAR, QSPA, GSPA, VNA, VNA, VNA, ASAR, WRA, WRAB, BTK, TOR, TOR, TOR, KKA, AK, BR13, BRTR, KWA, KWA, MKAR, ABKAR, ZAAO, ZALV, ZALV, YKA, etc.

KMA 20 03:46:10.2:0.8, 38.36N:125.89E, h9km, 5km, Error ellipse: s-maj=8.1km s-min=2.5km az=22.0, North

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YPDB, KSGAF, KSGAH, KSMUS, KSBAR, KSCBH, DACH, DACH, KSDEI, KSDEI, kscwo, kscwo, HAWB, HAWB, KSCHC, KSCHC, etc.

NNC 20 04:34:24.0:1.7, 39.66N:68.64E, h4km, 35km, mb3.6, mp3.4, 3C, Error ellipse: s-maj=39.4km s-min=21.0km az=19.0, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IUG, IUG, BRLS, BRLS, KK02, KK02, MRKS, MRKS, SGDS, SGDS, DGS, DGS, etc.

ISC 20 04:59:47.3:3.9, 37.70N:142.07E, h2km, 38km, mb3.1/5, mb1 3.3/8, mb1mx3.1/36, mbtmp3.4/8, ML3.1/2, MS2.3/3, Ms1 2.3/3, ms1mx2.2/19, Error ellipse: s-maj=44.0km s-min=22.6km az=117.0

NIED 20 04:59:47.3, 37.85N:141.87E, h41km, MW3.7, Moment Tensor Solution. S3 Moment tensor: Scale 10^14 Nm; Mn=0.38; Mo=0.15; Mpp=0.23; Mss=0.40; Mss=1.51; Mss=0.44; Fault plane solution: Ms3.73000x10^14 NP1; z=268.00000; s88.00000; -1.14.00000; NP2: s=173.00000; s24.00000; -1.6.00000

JMA 20 04:59:47.2:0.1, 37.85N:141.87E, h41km, 1km, M3.5, ISC 20 04:59:46.0:1.9, 37.83N:0.06:141.97E:0.08, h28km, 12km, Mn=19.134, Ms=19.134, Mb=3.3/5, 4C-7D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OPO, JIKH, JIKH, JIO, JIO, JIMST, JIMST, JMM, JMM, BOS, BOS, LSZ, LSZ, etc.

Table with columns: JOM, Ohasama, 1.73 342, P, Pn, 05 00 14.8 +0.6, etc. Includes stations like JFY, Yanaizu, 1.85 258, P, Pn, 05 00 18.1 +2.2, etc.

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ, Chichijima, 2.71 122, P, Pn, 05 21 39.4 +1.7, etc.

NNC 20 05:20:38.5-1.2, 28.14N, 139.36E, h378km, 21km, mb3.0/2, mb1 3.0/4, mb1mx2.6/39, mbtmp3.6/4, Error ellipse: s-maj=53.2km s-min=11.0km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KK02, Karatay Array, 6.03 1, P, Pn, 05 25 07.8 +1.2, etc.

WEL 20 05:51:17.3-1.1, 35.5S, 19.17E, h212km, 23km, M3, 4.8, ML3.5/10, MLV3.4/8, Error ellipse: s-maj=0.0km s-min=0.0km az=128.3, Off east coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MXZ, Matakaoa Point, 2.14 177, P, Pn, 05 51 58.1 +0.1, etc.

BULL 20 06:00:53.9-2.4, 23.27S, 28.92E, h57km, 40km, MD4.5 EAF 20 06:00:54.3-1.8, 23.25S, 28.73E, h0km, 28km, MD4.2, South Africa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSNA, Messina, 1.49 53, P, Pn, 06 01 19.9 -2.5, etc.

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

ellipse: s-maj=23.5km s-min=18.4km az=137.0, NOU 20 06:29:53.5, 24.92S, 179.30E, h521km, mb4.4/30, South of Fiji Islands

NEIC 20 06:29:55.0, 21.24, 24.86S, 0.09:179.23E, h572km, 8km, mb4.4/24, Error ellipse: s-maj=16.7km s-min=5.5km az=218.0

ISC 20 06:29:54.2, 0.5, 24.95S, 0.07:179.23E, h527km, n101, 0.190/109, mb4.25, 7C-62, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LKBA, Tubou, Lakemba, 6.92 16, P, Pn, 06 31 40.0 +0.6, etc.

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TOO, Toolang, 31.30 238, P, Iamb, 06 35 52.0 +1.3, etc.

ASAR 20 06:29:54.2, 0.5, 24.95S, 0.07:179.23E, h527km, n101, 0.190/109, mb4.25, 7C-62, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBA, Warramunga Arr, 41.65 268, P, Iamb, 06 36 55.8 -0.6, etc.

WRA 20 06:29:54.2, 0.5, 24.95S, 0.07:179.23E, h527km, n101, 0.190/109, mb4.25, 7C-62, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBA, Warramunga Arr, 41.65 268, P, Iamb, 06 36 55.8 -0.6, etc.

WBA 20 06:29:54.2, 0.5, 24.95S, 0.07:179.23E, h527km, n101, 0.190/109, mb4.25, 7C-62, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBA, Warramunga Arr, 41.65 268, P, Iamb, 06 36 55.8 -0.6, etc.

WBA 20 06:29:54.2, 0.5, 24.95S, 0.07:179.23E, h527km, n101, 0.190/109, mb4.25, 7C-62, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBA, Warramunga Arr, 41.65 268, P, Iamb, 06 36 55.8 -0.6, etc.

WBA 20 06:29:54.2, 0.5, 24.95S, 0.07:179.23E, h527km, n101, 0.190/109, mb4.25, 7C-62, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBA, Warramunga Arr, 41.65 268, P, Iamb, 06 36 55.8 -0.6, etc.

WBA 20 06:29:54.2, 0.5, 24.95S, 0.07:179.23E, h527km, n101, 0.190/109, mb4.25, 7C-62, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBA, Warramunga Arr, 41.65 268, P, Iamb, 06 36 55.8 -0.6, etc.

Table with columns: DOPR, Dopca, 150.33 322, P, P, PKPbc, 06 48 45.4 -0.4, etc. Includes stations like TRPA, Tarpa, 150.45 327, P, P, PKPbc, 06 48 45.3 -0.3, etc.

NNC 20 06:44:04.0-0.5, 36.86N, 70.19E, h179km, 131km, mb2.9, mpv3.1, 1C-4D, Error ellipse: s-maj=74.3km s-min=37.6km az=24.0, Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KK02, Karatay Array, 6.24 2, P, Pn, 06 45 34.4 +0.4, etc.

NOU 20 06:51:09.1, 15.27S, 167.58E, h122km, MLV5.2/14, Vanuatu Islands

ICD 20 06:51:09.5, 0.7, 15.23S, 167.07E, h101km, 15km, mb3.8/4, mb1 4.0/5, mb1mx3.4/43, mbtmp4.2/5, MS3.6/2, M1 3.6/2, mb1mx2.8/28, Error ellipse: s-maj=24.0km s-min=6.1km az=97.0

NEIC 20 06:51:10.1, 1.3, 15.4S, 0.1:167.49E, h18km, 7km, mb4.4/12, Error ellipse: s-maj=17.5km s-min=11.5km az=184.0

ISC 20 06:51:09.5, 0.7, 15.35S, 0.08:167.6E, h124km, n36, 0.125/37, mb4.2/9, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SANVU, Saraoutou, 0.40 256, P, Op, 06 51 27.2 +0.0, etc.

DZM 20 06:51:09.5, 0.7, 15.35S, 0.08:167.6E, h124km, n36, 0.125/37, mb4.2/9, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, Mont Dzumac, 6.77 189, P, Pn, 06 52 47.0 +0.5, etc.

WBA 20 06:51:09.5, 0.7, 15.35S, 0.08:167.6E, h124km, n36, 0.125/37, mb4.2/9, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBA, Warramunga Arr, 41.65 268, P, Iamb, 06 36 55.8 -0.6, etc.

WBA 20 06:51:09.5, 0.7, 15.35S, 0.08:167.6E, h124km, n36, 0.125/37, mb4.2/9, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBA, Warramunga Arr, 41.65 268, P, Iamb, 06 36 55.8 -0.6, etc.

WBA 20 06:51:09.5, 0.7, 15.35S, 0.08:167.6E, h124km, n36, 0.125/37, mb4.2/9, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBA, Warramunga Arr, 41.65 268, P, Iamb, 06 36 55.8 -0.6, etc.

WBA 20 06:51:09.5, 0.7, 15.35S, 0.08:167.6E, h124km, n36, 0.125/37, mb4.2/9, Vanuatu Islands

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WBA 20 06:51:09.5, 0.7, 15.35S, 0.08:167.6E, h124km, n36, 0.125/37, mb4.2/9, Vanuatu Islands

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20d 8h

Table of astronomical observations for 20d 8h, listing station names (e.g., YKA, WMQ, ZALV), coordinates, and observation parameters.

2015 DEC

Table of astronomical observations for 2015 DEC, listing station names (e.g., EKA, BR131, BR132), coordinates, and observation parameters.

978

Table of astronomical observations for 978, listing station names (e.g., TIP, CEL, ESDC), coordinates, and observation parameters.

AAK	Ala-Archa	52.20 314	i P	P	09 37 50.1	-0.5
AAK	comp=Z,5.0nm,0.8s			pmax		
KAAM	Kaadhehdho	52.38 261	P	P	09 37 53.3	+1.1
NTHL	Newcastle Hard	52.45 151	P	P	09 37 53.4	+1.0
SYDH	Sydney Hard Ro	52.73 262	P	P	09 37 56.5	+1.2
KURK	Kurchatov	52.89 325	eP	P	09 37 56.2	+0.8
KURK	comp=Z,47nm,1.4s			pmax		
KURK	Kurchatov	52.89 325	P	P	09 37 56.1	+0.7
CAN	Canberra	53.30 155	P	P	09 37 59.6	+1.0
CAN	comp=Z,69nm,0.9s			pmax		
CAN	Canberra	53.30 155	P	P	09 37 59.7	+1.1
BTLS	Baitai	53.32 317	eP	P	09 37 58.5	-0.2
BTLS	comp=Z,317					
BTLS	Baitai	53.32 317	eP	P	09 37 58.4	-0.2
BRAT	Ballarart	53.41 161	P	P	09 37 59.8	+0.6
CNB	Canberra Magna	53.45 155	P	P	09 38 00.8	+1.1
LIFNC	LIFOU	53.78 128	eP	P	09 38 03.7	+1.4
DZM	Mont Dzumac	53.92 130	eP	P	09 38 03.6	+0.2
DZM	comp=Z,128nm,1.3s			eS		
DZM	comp=Z,65nm,26.4s			eLR		
DZM	comp=Z,198nm,24.6s			LR		
DZM	Mont Dzumac	53.92 130	P	P	09 38 04.6	+1.2
DZM	comp=Z,22nm,0.5s,baz=260,slow=8,SNR=34					
DZM	Mont Dzumac	53.92 130	P	P	09 38 04.9	+1.5
TOO	Tooolangi	53.95 159	P	P	09 38 03.3	0.0
TOO	comp=Z,120nm,0.9s			pmax		
TOO	Tooolangi	53.95 159	P	P	09 38 04.1	+0.8
MLBS	Spotswood, Mel	53.98 160	P	P	09 38 05.0	+1.6
BTk	Satken	54.10 310	P	P	09 38 05.2	+0.7
BTk	comp=Z,13nm,1.1s					
GEXS	Deakin Univer	54.12 161	P	P	09 38 05.9	+1.5
YATNC	Mamie plateau,	54.25 129	P	P	09 38 07.6	+1.9
KBL	Kabul	54.35 303	P	P	09 38 07.0	+0.3
KBL	comp=Z,11nm,0.7s					
KBL	Kabul	54.36 303	P	P	09 38 07.2	+0.5
DZA	Taraz	54.49 314	eP	P	09 38 07.4	+0.2
DZA	SNR=8.2					
DZA	Taraz	54.49 314	eP	P	09 38 07.4	+0.2
KKAR	Karatay Array	55.13 314	P	P	09 38 12.3	+0.5
IUG	luzhnay	55.21 313	eP	P	09 38 12.7	+0.1
IUG	comp=Z,313					
IUG	luzhnay	55.21 313	eP	P	09 38 12.6	+0.1
BRLS	Borolday	55.58 314	eP	P	09 38 15.5	+0.3
BRLS	comp=Z,313					
BRLS	Borolday	55.58 314	eP	P	09 38 15.4	+0.3
BRZS	Berezniiki	56.00 322	eP	P	09 38 18.3	+0.4
BRZS	comp=Z,5.1nm,0.7s,baz=322					
BRZS	Berezniiki	56.00 322	eP	P	09 38 18.3	+0.4
GLAD	Gladstone	57.87 159	P	P	09 38 31.9	+0.8
CORO	Coronation Par	57.99 160	P	P	09 38 33.2	+1.3
BVAR	Borovoye Array	58.49 325	PKP2bc	P	10 08 21.0	
BVAR	comp=Z,1.3nm,0.8s,baz=242,slow=11,SNR=5.7					
BRVK	Borovoye	58.56 325	eP	P	09 38 35.5	-0.4
BRVK	comp=Z,16nm,1.0s			pmax		
BRVK	Borovoye	58.56 325	P	P	09 38 36.4	+0.5
TIXI	Tiksi	58.81	20eP	P	09 38 36.6	-0.6
TIXI	comp=Z,6.0nm,0.5s			pmax		
TAU	Tasmania Unive	59.35 161	P	P	09 38 42.2	+0.8
NRK	Noril'sk	61.06 346	P	P	09 38 53.3	+0.7
NRK	comp=Z,6.8nm,0.9s,baz=139,slow=6.6,SNR=7.0					
NRK	Noril'sk	61.06 346	eP	P	09 38 52.8	+0.2
MSVF	Nonsavu	61.07 119	P	P	09 38 54.5	+0.8
MSVF	comp=Z,122nm,0.9s,baz=266,slow=4.2,SNR=40					
MSVF	Nonsavu	61.07 119	P	P	09 38 55.6	+1.9
MSVF	comp=Z,183nm,1.0s			pmax		
MSVF	Nonsavu	61.07 119	P	P	09 38 56.7	+3.0
BILL	Bilibino	61.44 171	iP	P	09 38 55.4	+0.2
BILL	comp=Z,1.9nm,1.3s			iPP		
BILL	Bilibino	61.44 171	iP	P	09 39 19.0	+0.8
BILL	comp=Z,1.9nm,1.3s			iSP		
BILL	Bilibino	61.44 171	iP	P	09 39 33.1	-0.5
BILL	Bilibino	61.44 171	iP	P	09 39 36.0	
BILL	Bilibino	61.44 171	iP	P	09 41 14.0	
BILL	Bilibino	61.44 171	iP	P	09 47 40.0	-1.0
DGTI	Dogotuki	61.92 116	P	P	09 39 01.6	+2.3
JLN	Jalan Bani Buh	62.26 288	P	P	09 39 01.9	+0.3
TAVE	Taveuni	62.40 117	P	P	09 39 04.6	+2.1
WBK	Wadi Bani Khai	62.65 289	P	P	09 39 04.2	0.0
WSAR	Wadi Sarhan	62.92 290	P	P	09 39 06.0	0.0
GEYT	Alibek	63.52 306	P	P	09 39 11.5	+1.7
DOM	DQM	64.17 286	P	P	09 39 14.1	-0.1
BSY	Bisyay	64.27 289	P	P	09 39 14.7	-0.2
SOHO	SOHO	64.79 291	P	P	09 39 19.0	+0.8
SOHO	SOHO	64.79 291	P	P	09 39 17.6	-0.6
ARQ	Araqi	64.85 290	P	P	09 39 18.6	0.0
BANOM	Banah	64.91 293	P	P	09 39 20.0	+1.0
BANOM	Banah	64.91 293	P	P	09 39 19.7	+0.7
UOSS	Minazif	65.05 292	P	P	09 39 19.3	0.0
UOSS	Minazif	65.05 292	P	P	09 39 20.0	+0.1
SHME	Shamm	65.05 293	P	P	09 39 20.5	+0.7
SHME	Shamm	65.05 293	P	P	09 39 20.5	+0.7
MASF	Masafi	65.07 292	P	P	09 39 21.2	+1.2
MSFE	Esmas-Masafi	65.07 292	P	P	09 39 21.8	+1.8
HATD	Hatta, Dubai	65.12 292	iP	P	09 39 21.1	+0.7
HATD	SNR=8.2					
HATD	Hatta, Dubai	65.12 292	P	P	09 39 20.7	+0.4
ASHO	Ashtiyah	65.19 291	P	P	09 39 21.0	+0.2
ASHO	Ashtiyah	65.19 291	P	P	09 39 21.2	+0.3
UMQ	Umm Al-Quwain	65.51 292	P	P	09 39 23.6	+0.8
ALNE	Al Ain	65.51 291	P	P	09 39 24.3	+1.3
ALNE	Al Ain	65.51 291	P	P	09 39 23.7	+0.8
NAZ	Nazwa, Dubai	65.54 292	P	P	09 39 23.5	+0.5
FAQ	Al Faqa, Dubai	65.61 291	P	P	09 39 24.3	+0.7
ASUD	Al Ashush, Dub	65.81 291	P	P	09 39 25.0	0.0
ASUD	Al Ashush, Dub	65.81 291	P	P	09 39 25.6	+0.5
ARU	Arti	66.05 326	iP	P	09 39 25.3	-0.4
ARU	comp=Z,1.1nm,0.9s			iPP		
ARU	Arti	66.05 326	iP	P	09 39 54.8	
ARU	Arti	66.05 326	iP	P	09 48 08.2	+3.2
UMZA	Um Al Zommoof	66.15 289	P	P	09 39 26.6	-0.4
SHAQ	Shalim	66.16 284	P	P	09 39 27.3	+0.2
SHAQ	Shalim	66.16 284	P	P	09 39 27.6	+0.7
DMTO	DMTO	66.83 284	P	P	09 39 31.9	+0.5
MZWR	Madinat Zayed	67.24 291	P	P	09 39 34.2	+0.3
DOK	Doka	67.50 285	P	P	09 39 35.8	+0.1
RBK	Rabkut	67.56 284	P	P	09 39 36.4	+0.3
WHFO	Wadi Hawf	67.92 284	P	P	09 39 38.3	-0.1
GHWR	Ruwais	68.14 291	P	P	09 39 39.8	+0.2
ABTO	Aybut	68.44 293	P	P	09 39 41.9	+0.3
SOCY	Socotra	68.51 278	P	P	09 39 41.6	-0.5
SLWR	Sila	68.81 291	P	P	09 39 45.9	+0.4
NEZ	North Egmont	69.51 141	P	P	09 39 50.5	+2.8
HIZ	Hauti	69.53 140	P	P	09 39 49.9	+2.2
QRZ	Quartz Range	69.53 143	P	P	09 39 49.0	+1.2
TRNA	Turayna	69.59 292	P	P	09 39 49.0	+0.5
SHMA	Al-Shehemia	69.71 293	P	P	09 39 49.4	+0.4
LREZ	Lake Rotokare	69.82 141	P	P	09 39 51.8	+2.3
VRZ	Vera Road	69.83 140	P	P	09 39 51.8	+2.1
SAKB	Bahrain	70.09 293	P	P	09 39 52.1	+0.6
THZ	Tophouse	70.34 143	P	P	09 39 52.5	-0.3
RPZ	Rata Peaks	70.56 146	P	P	09 39 54.6	+0.6
MISEY	Mahe Island	70.62 145	P	P	09 39 55.6	+0.6
LTZ	Lake Taylor	70.63 145	P	P	09 39 55.0	+0.5
URZ	Urewera	70.82 138	P	P	09 39 55.2	-0.4
URZ	comp=Z,13nm,1.0s,baz=122,slow=23,SNR=6.3					
RUGZ	Raukumara Rang	71.03 138	P	P	09 39 57.8	+0.7
RUGZ	Kirov	71.28 326	iP	P	09 40 00.8	+0.3
BELG	Belogomorye	71.84 321	iP	P	09 40 05.0	-0.8
BELG	comp=Z,2.0nm,0.8s			pmax		
QRN	Al-Qurain	72.17 296	eP	P	09 40 03.7	-0.3

UMR	Umm Al-Rimman	72.27 297	eP	P	09 40 04.7	+0.1
KBD	Kabd	72.32 297	eP	P	09 40 04.8	-0.2
RDF	Al-Radifiah	72.47 296	eP	P	09 40 05.6	-0.3
MIB	Mutribah	72.58 297	eP	P	09 40 06.0	-0.5
RST	Umm Al-Ruwaisa	72.90 297	eP	P	09 40 07.7	-0.7
PRGR	Pergomere	73.43 331	eP	P	09 40 09.5	-1.3
PRGR	comp=Z,55nm,1.3s			pmax		
GCSA	Galena City Sc	73.64 26	P	P	09 40 13.0	+1.0
CHIR	Chirikof Island	73.84 35	P	P	09 40 14.6	+1.2
TTA	Tatalina	73.90 28	P	P	09 40 14.3	+0.6
GNI	Garni	73.95 308	LR	LR	10 17 44.1	
A21K	Barrow	74.37 19	P	P	09 40 16.5	+0.4
L19K	White Mountain	74.40 29	P	P	09 40 17.6	+1.0
L19K	baz=268					
ZEI	Tsey	74.43 311	eP	P	09 40 18.9	+1.6
ZEI	comp=Z,7.0nm,1.4s			pmax		
N19K	Bonanza Creek	74.54 30	P	P	09 40 19.3	+1.9
J20K	Novinta River	74.79 27	P	P	09 40 20.3	+1.6
K20K	Telida	74.80 28	P	P	09 40 19.9	+1.1
K20K	baz=268					
RAYN	Ar Rayn	74.90 291	iP	P	09 40 20.9	+0.7
RAYN	Ar Rayn	74.90 291	iP	P	09 40 20.4	+0.1
RAYN	comp=Z,38nm,0.9s			pmax		
RAYN	Ar Rayn	74.90 291	P	P	09 40 20.5	+0.2
VOI	Khabaz	75.10 312	P	P	09 40 21.1	+0.2
VOI	comp=Z,4.3nm,0.9s,baz=80,slow=3.9,SNR=6.0					
KBZ	Khabaz	75.10 312	eP	LR	10 16 38.2	
KBZ	comp=Z,7.5nm,19.6s,baz=80,slow=38			LR		
KBZ	Khabaz	75.10 312	eP	P	09 40 21.7	+0.8
KIV	Kislovodsk	75.24 312	eP	P	09 40 22.7	+0.8
KIV	comp=Z,12nm,1.1s			pmax		
KIV	Kislovodsk	75.24 312	eP	MLR	MLR	
H21K	Melinta Rive	75.40 25	P	P	09 40 23.4	+1.1
H21K	comp=Z,60nm,18.0s					
PPLA	Purkeypile	75.65 28	P	P	09 40 25.0	+1.1
PPLA	baz=270					
CAST	Cedar Rocks	75.69 27	P	P	09 40 24.8	+0.8
I21K	Tanana	75.74 26	P	P	09 40 25.8	+1.6
BPAW	Bear Paw Mtn.	76.18 27	P	P	09 40 27.8	+1.1
MLY	Manley	76.27 26	P	P	09 40 28.3	+1.0
MLY	baz=271					
KLMR	Klimovskoe	76.37 330	eP	P	09 40 26.7	-1.1
KLMR	comp=Z,29nm,1.3s			ePP		
KLMR	Klimovskoe	76.37 330	eP	P	09 40 26.7	-1.1
KLMR	comp=Z,29nm,1.3s			ePP		
BRSE	Bradley Lake S	76.41 31	P	P	09 40 28.9	+0.8
BRSE	baz=272					
COLD	Coldfoot	76.45 24	P	P	09 40 29.1	+0.9
TRF	Trofare Moun	76.50 27	P	P	09 40 29.4	+0.6
CUT	Chulitna	76.54 29	P	P	09 40 29.8	+1.1
CUT	comp=Z,272					
TOLK	Toolk Lake Re	76.67 22	P	P	09 40 31.0	+1.5

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like CKRC, KHC, GERES, SOKA, MOA, OBKA, KBA, ABTA, WTTA, WATA, SOTA, MQTA, FETA, NVAR, PDAR, VNA2, VNA3, TXAR, TORD, SJG, PLCA, UREC, ZARC, COAC, GUYC, NORC, SPBC, ORTC, CPUP, CNUP, LPAZ, BDFB, JMA.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like JTAJ, JAM, JAMN, JAMN.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like LAY, TSEB, HEN, EAST, LDUT, SCZT, TTN, TWBT, TWG, EDH.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MMCT, MMA0B, GEM, HNTI, NATI.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like NATI, BLGI, RQWL, RCY, DORL, OFRI, MMLI, BHL, HMDT, SMTI, HWQ.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like FWVZ, NNVZ, ETVZ, TMVZ, TRVZ, NTVZ, MOVZ.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MXZ, WMGZ, HAZ, PKGZ, WUZ, PUKITTI, RAUKUMARA, TAUHAREPARE, ONRZ, CAGR, MUCR, URZ, RIGZ, MUZ, SHANNON, SNGZ, RAHZ, MTHZ, TLZ, NMHZ, ARHZ, ETVZ, BHZ, BHHZ, MNVZ, KRHZ, PNHZ, ASAR, WRA, FINES.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like JMA, JTAJ, JAM, JAMN.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like LAY, TSEB, HEN, EAST, LDUT, SCZT, TTN, TWBT, TWG, EDH.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SOLUN, USUI, CORL, MPG, MSRU, HAGA, MEU, MEU, SSS, HMDC, MTGT.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like CORL, GIB, CASTELBUONO, IACL, ALICUDI, PETRA, MCT, MCT, MFNL, RESU, IFIL, IFIL, CLTB, CLTB, CLTB, MMGO, ERC, ERC, MCFR, MCFR, MCFR, MNO, MNO, GAGL, GAGL, CAGR, CAGR, MUCR, MUCR, FAVR, LLI, LLI, LLI, VAE, VPL, VPL, VPL, EPFZ, ECAN, EMSC, CLTA, CLTA, ESML, NOV, NOV, NOV, RAFF, RAFF, ESML, ESML, MILZ, MILZ, MILZ, ISTR, ISTR, MCSR, MCSR, AIO, AIO, ISTR, ISTR, MPNC, HLNI, HLNI, MSRU, MSRU, HAGA, HAGA, MEU, MEU, SSS, SSS, HMDC, HMDC, MTGT, MTGT.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like FWVZ, NNVZ, ETVZ, TMVZ, TRVZ, NTVZ, MOVZ.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MXZ, WMGZ, HAZ, PKGZ, WUZ, PUKITTI, RAUKUMARA, TAUHAREPARE, ONRZ, CAGR, MUCR, URZ, RIGZ, MUZ, SHANNON, SNGZ, RAHZ, MTHZ, TLZ, NMHZ, ARHZ, ETVZ, BHZ, BHHZ, MNVZ, KRHZ, PNHZ, ASAR, WRA, FINES.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like JMA, JTAJ, JAM, JAMN.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like LAY, TSEB, HEN, EAST, LDUT, SCZT, TTN, TWBT, TWG, EDH.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SOLUN, USUI, CORL, MPG, MSRU, HAGA, MEU, MEU, SSS, HMDC, MTGT.

20d 9h

2015 DEC

984

MTTG	comp=N,6325µm,1.4s	AML	AML						
MTTG	comp=E,5225µm,1.3s	AML	AML						
MSCL	comp=E,6465µm,0.7s	1.75	93	AML	AML				
MSCL	comp=N,6000µm,0.6s			AML	AML				
GMB	Gambarie	1.79	95	AML	AML				
GMB	comp=E,1065µm,1.0s			AML	AML				
CEL	Celeste	1.83	92	P	Pn			09 46 33.3	-2.4
CEL	comp=E,2375µm,1.0s			AML	AML				
CEL	comp=E,1980µm,1.1s			AML	AML				
CEL	comp=N,2745µm,0.6s			AML	AML				
CEL	comp=N,3360µm,0.6s			AML	AML				
JOPP	Celeste	1.83	92	P	Pn			09 46 33.5	-2.2
JOPP	Joppolo	1.84	81	P	Pn			09 46 33.5	-2.3
JOPP	comp=E,1560µm,1.3s			AML	AML				
JOPP	comp=N,1290µm,1.6s			AML	AML				
HAVL	Avola	1.85	138	AML	AML				
HAVL	comp=E,8700µm,0.9s			AML	AML				
HAVL	comp=N,9445µm,0.3s			AML	AML				
SOI	Samo	1.98	97	P	Pn			09 46 36.3	-1.3
SOI	comp=N,2910µm,0.7s			AML	AML				
SOI	comp=E,2810µm,0.6s			AML	AML				
HPAC	Pachino	2.05	143	AML	AML				
HPAC	comp=N,10660µm,0.4s			AML	AML				
CET2	Cetraro	2.20	57	↑P	Pn			09 46 39.3	-1.5
CET2	comp=E,12100µm,0.9s			AML	AML				
CET2	comp=E,1740µm,0.8s			AML	AML				
BULG	Bulgheria - Ca	2.23	38	P	Pn			09 46 40.3	-0.9
BULG	comp=N,2105µm,0.3s			AML	AML				
BULG	comp=E,353µm,0.9s			AML	AML				
BULG	comp=N,512µm,0.4s			AML	AML				
PLAC	Placianca	2.26	86	AML	AML				
PLAC	comp=N,2060µm,0.7s			AML	AML				
PLAC	comp=N,1740µm,0.7s			AML	AML				
PLAC	comp=E,2055µm,0.6s			AML	AML				
PLAC	comp=N,1730µm,0.7s			AML	AML				
GRI	Girifalco	2.28	77	P	Pn			09 46 40.4	-1.5
GRI	comp=N,1395µm,0.4s			AML	AML				
GRI	comp=E,1395µm,0.4s			AML	AML				
SPS2	Spezzano della	2.36	65	P	Pn			09 46 41.3	-1.7
SPS2	comp=N,1785µm,0.6s			AML	AML				
SPS2	comp=N,439µm,0.3s			AML	AML				
MGR	Morigerati	2.36	40	P	Pn			09 46 41.9	-1.0
MGR	comp=N,322µm,1.0s			AML	AML				
MGR	comp=E,270µm,1.1s			AML	AML				
CMPR	Campora	2.38	34	P	Pn			09 46 42.4	-1.0
CUC	Castrociucco	2.40	46	P	Pn			09 46 42.3	-1.2
CUC	comp=N,591µm,0.9s			AML	AML				
CUC	comp=N,340µm,0.9s			AML	AML				
CUC	comp=N,340µm,0.9s			AML	AML				
CUC	comp=N,408µm,0.9s			AML	AML				
MMAN	Mormanno	2.43	50	P	Pn			09 46 42.9	-1.0
TDS	Terranova Siba	2.52	58	P	Pn			09 46 43.7	-1.5
TDS	comp=N,396µm,1.6s			AML	AML				
TDS	comp=N,444µm,0.8s			AML	AML				
CELI	Celico	2.52	64	P	Pn			09 46 43.8	-1.5
CELI	comp=N,1365µm,1.0s			AML	AML				
CELI	comp=N,1475µm,0.9s			AML	AML				
CDRU	Civita di Ruta	2.53	32	P	Pn			09 46 44.5	-0.8
SERS	Sersale	2.54	73	P	Pn			09 46 44.3	-1.2
SERS	comp=N,654µm,0.7s			AML	AML				
SERS	comp=N,670µm,1.1s			AML	AML				
MTSN	Montesano sull	2.56	41	AML	AML				
MTSN	comp=N,406µm,0.9s			AML	AML				
MTSN	comp=N,375µm,1.5s			AML	AML				
SIRS	Monte Sirino -	2.56	43	AML	AML				
SIRS	comp=N,486µm,0.4s			AML	AML				
SIRS	comp=N,497µm,1.1s			AML	AML				
WDD	Wied Dalam	2.62	163	AML	AML				
WDD	comp=N,2435µm,1.0s			AML	AML				
WDD	comp=N,2545µm,0.4s			AML	AML				
WDD	comp=N,2480µm,1.0s			AML	AML				
WDD	comp=N,2870µm,0.4s			AML	AML				
MCEL	Monticello	2.63	40	AML	AML				
MCEL	comp=N,402µm,1.1s			AML	AML				
MCEL	comp=N,344µm,1.0s			AML	AML				
TIP	Timpagrande	2.63	71	↑P	Pn			09 46 45.8	-0.9
TIP	comp=N,670µm,1.1s			AML	AML				
TIP	Timpagrande	2.63	71	↑S	Pn			09 47 17.5	-0.8
TIP	comp=N,454µm,1.2s			AML	AML				
TIP	comp=N,446µm,1.6s			AML	AML				
TIP	comp=N,516µm,1.6s			AML	AML				
TIP	comp=N,565µm,1.5s			AML	AML				
TIP	Timpagrande	2.63	71	Pn	Pn			09 46 45.9	-0.8
SALB	San Lorenzo Be	2.65	54	AML	AML				
SALB	comp=N,490µm,0.5s			AML	AML				
MCRV	Calabrutti - M	2.73	26	P	Pn			09 46 47.8	-0.3
MODR	Modrone	2.81	5	AML	AML				
MODR	comp=N,224µm,0.9s			AML	AML				
MODR	comp=N,178µm,0.8s			AML	AML				
MRLC	Muro Lucano	2.83	31	P	Pn			09 46 50.3	+0.9
MRLC	comp=N,234µm,1.3s			AML	AML				
MRLC	comp=N,304µm,1.1s			AML	AML				
LI03	Lioni	2.84	26	P	Pn			09 46 50.4	+0.9
SNAL	S. Angelo Dei	2.87	26	AML	AML				
SNAL	comp=N,428µm,1.5s			AML	AML				
SNAL	comp=N,478µm,1.2s			AML	AML				
PIGN	Pignataro Magg	2.89	9	AML	AML				
PIGN	comp=N,215µm,1.2s			AML	AML				
LPDG	Lampedusa Capo	2.92	195	AML	AML				
LPDG	comp=N,2185µm,1.0s			AML	AML				
LPDG	comp=N,1570µm,1.3s			AML	AML				
VITU	Vitalano (BN)	2.95	16	P	Pn			09 46 51.8	+0.7
CAFE	Carife	2.97	25	AML	AML				
CAFE	comp=N,249µm,1.5s			AML	AML				
CAFE	comp=N,278µm,1.2s			AML	AML				
ACER	Acerenza	3.05	36	AML	AML				
ACER	comp=N,476µm,0.7s			AML	AML				

ACER	comp=N,505µm,0.9s	AML	AML						
ACER	comp=N,566µm,0.9s	AML	AML						
SGG	Gregorio Mater	3.10	11	AML	AML				
SGG	comp=N,300µm,0.6s			AML	AML				
VAGA	Valle Agricola	3.11	9	P	Pn			09 46 54.0	+0.7
VAGA	comp=N,176µm,0.4s			AML	AML				
VAGA	comp=N,282µm,0.3s			AML	AML				
MIGL	Migliorico	3.17	44	AML	AML				
MIGL	comp=N,1655µm,0.9s			AML	AML				
SACR	S. Croce Del S	3.17	16	AML	AML				
SACR	comp=N,1495µm,1.5s			AML	AML				
SACR	comp=N,154µm,1.5s			AML	AML				
LATB	Palazzo San Ge	3.18	352	P	Pn			09 46 54.7	+0.5
LATB	comp=N,133µm,1.6s			AML	AML				
PALZ	Palazzo San Ge	3.19	35	AML	AML				
PALZ	comp=N,524µm,1.5s			AML	AML				
GIUL	Giuliano Di Ro	3.22	356	P	Pn			09 46 54.8	0.0
GIUL	comp=N,620µm,1.5s			AML	AML				
GIUL	comp=N,136µm,0.7s			AML	AML				
GIUL	comp=N,312µm,0.6s			AML	AML				
CERA	Filignano	3.27	6	P	Pn			09 46 56.7	+1.2
CERA	Bosso	3.29	14	AML	AML				
CERA	comp=N,76µm,0.5s			AML	AML				
BSSO	comp=N,100µm,0.6s			AML	AML				
CAPA	Cerignola FG	3.30	31	AML	AML				
CAPA	comp=N,596µm,1.5s			AML	AML				
MATE	Matera	3.34	46	↑P	Pn			09 46 57.1	+0.7
MATE	comp=N,422µm,1.6s			AML	AML				
POFI	Posta Fibreno	3.37	2	P	Pn			09 47 36.0	+0.2
VSL	Villasalto	3.47	291	Pn	Pn			09 46 56.6	+0.7
CGL	Cagliari Serpe	3.49	288	P	Pn			09 46 56.0	-2.1
TRIV	Trivento	3.50	12	AML	AML				
TRIV	comp=N,222µm,1.0s			AML	AML				
TRIV	comp=N,201µm,1.0s			AML	AML				
VVLD	Villa Vallelon	3.52	1	P	Pn			09 46 59.4	+0.4
VVLD	comp=N,57µm,0.9s			AML	AML				
VVLD	comp=N,44µm,0.9s			AML	AML				
MELA	Melanico ??? S	3.56	19	AML	AML				
MELA	comp=N,505µm,0.7s			AML	AML				
MELA	comp=N,323µm,0.6s			AML	AML				
CERT	Cerreto	3.63	353	AML	AML				
CERT	comp=N,84µm,0.5s			AML	AML				
CERT	comp=N,62µm,0.3s			AML	AML				
NOCI	Noci	3.64	47	AML	AML				
NOCI	comp=N,191µm,0.7s			AML	AML				
NOCI	comp=N,170µm,1.0s			AML	AML				
PTQR	Pietraquaria	3.67	358	P	Pn			09 47 02.0	+1.0
PTQR	comp=N,55µm,0.6s			AML	AML				
PTQR	comp=N,57µm,1.2s			AML	AML				
SGRT	San Giovanni R	3.79	25	AML	AML				
SGRT	comp=N,114µm,1.2s			AML	AML				
SGRT	comp=N,116µm,1.4s			AML	AML				
MSAG	Monte S. Angel	3.81	27	AML	AML			09 47 03.8	+1.1
MSAG	comp=N,168µm,0.7s			AML	AML				
MSAG	comp=N,244µm,1.6s			AML	AML				
T010	Collepietro	3.88	2	AML	AML				
T010	comp=N,95µm,0.8s			AML	AML				
T010	comp=N,145µm,1.0s			AML	AML				
TOLF	Toifa	3.91	343	AML	AML				
TOLF	comp=N,69µm,1.0s			AML	AML				
TOLF	comp=N,81µm,0.7s			AML	AML				
FIAM	Fiamignano	3.93	355	AML	AML				
FIAM	comp=N,63µm,0.6s			AML	AML				
FIAM	comp=N,81µm,0.8s			AML	AML				
AQU	L'Aquila	4.01	358	P	Pn			09 47 08.1	+2.5
AQU	L'Aquila	4.01	358	ePn	Pn			09 47 06.9	+1.3
AQU	L'Aquila	4.01	358	P	Pn			09 47 08.1	+2.5
SCTE	Santa Cesarea	4.18	34	P	Pn			09 47 08.1	+0.2
KEST	Kesra	4.27	234	P	Pn			09 47 10.6	+1.4
KEST	comp=N,8.5nm,0.3s,baz=290,slow=4.5,SNR=26			AML	AML				
KEST	comp=N,8.5nm,0.3s,baz=332,slow=13,SNR=42			AML	AML				

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like AVF, BGF, SSF, MLR, etc.

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

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like GTA, SOMM, SOMM, ULN, etc.

IDC 20 09:50:45.1±2.2, 2.70N:127.69E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/5.0, mbmt3.4/3, Error ellipse: s-maj=145.2km s-min=28.2km az=67.0, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes WRA, ASAR, MKAR.

NOU 20 10:02:14.6, 39.41S: 177.62E, h54km, MLv5.0/9, Off E. Coast of N. Island, N.Z.

BUI 20 10:02:14.6±0.0, 39.24S: 177.57E, h26km, mB5.8/2, mB5.4/6, Ms4.8/1

NEIC 20 10:02:15.7, 39.30S: 177.47E, h31km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; M=5.62; Mw1.66; Ms3.97; Mw=0.37; Mw4.0; Mw=0.68; Fault plane solution: M6.450000°1015° NP1=207.99000°, 647.17000°, λ=102.53000°. NP2=46.10000°, 644.28000°, λ=76.83000°. Principal axes: T 6.9793, Plg1.0000°. Azm307.0000°; N -1.2338, Plg9.0000°. Azm217.0000°; P -5.7456, Plg81.0000°. Azm46.0000°.

NEIC 20 10:02:15.9, 1.6, 39.29S: 0.05, 177.47E: 0.08, h26km, 4km, mb4.6/16, Mw4.5/23 Error ellipse: s-maj=8.8km s-min=6.4km az=115.0

WEL 20 10:02:16.4, 39.53S: 177.7E, h41km, 7km, M4.7/106, ML5.2/19, MLv4.7/106, Error ellipse: s-maj=0.0km s-min=0.0km az=104.0

IDC 20 10:02:19.8, 1.4, 39.08S: 177.26E, h60km, 12km, mb4.1/9, mb1 4.3/10, mb1mx3.9/3.4, mbmt4.4/10, MS3.8/9, Ms1 3.8/9, ms1mx3.6/2.6, Error ellipse: s-maj=23.5km s-min=14.4km az=40.0

ISC 20 10:02:17.7±0.7, 39.28S: 0.03, 177.50E: 0.03, h47km, 5km, n187, n186/192, mb4.6/16, MS3.7/10, Off east coast of Northern Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes WHZ, WHZ, KNZ, Mahia Peninsula, etc.

TKGZ	Te Karaka	0.89 18	P	Pn	10 02 32.1 -1.7
PKX	Pawanui	0.89 213	P	Pn	10 02 32.1 -1.7
KRHZ	Keruru	0.94 247	P	Pn	10 02 33.1 -1.5
MWZ	Matawai	0.95 1	P	Pn	10 02 33.8 -1.9
MHRZ	Matea Pa	0.95 298	S	Pn	10 02 33.5 -1.2
MHRZ	Matea Pa	0.95 298	S	Pn	10 02 33.5 -1.2
CNGZ	Carnagh Statio	0.97 35	P	Pn	10 02 33.6 -1.3
MUGZ	Murupara	0.98 325	P	Pn	10 02 33.7 -1.5
URZ	Urewera	1.07 343	P	Pn	10 02 34.7 -1.5
URZ	564nm,0.3s,baz=121,slow=23,SNR=3878			Sn	10 02 48.3 -1.6
URZ	3um,0.3s,baz=65,slow=22,SNR=21			LR	10 02 51.0
URZ	comp=Z,617nm,20.2s,baz=211,slow=38			LR	10 02 51.0
URZ	Urewera	1.07 343	P	Pn	10 02 34.8 -1.5
URZ	Urewera	1.07 343	P	Pn	10 02 34.8 -1.5
WPHZ	Waipukurua	1.13 226	P	Pn	10 02 35.7 -1.4
BHHZ	Black Hill Sta	1.13 259	P	Pn	10 02 35.9 -1.3
ALRZ	Allen Road	1.15 308	P	Pn	10 02 36.1 -1.3
HATZ	Hinemaitia	1.16 289	P	Pn	10 02 36.6 -1.0
PRRZ	Plateau Road	1.17 312	P	Pn	10 02 36.1 -1.5
TWGW	Tauwhareparae	1.17 15	P	Pn	10 02 36.3 -1.4
PNHZ	Pukeni	1.18 237	P	Pn	10 02 36.1 -1.7
PRRZ	Porangahau	1.18 214	P	Pn	10 02 35.9 -1.9
RRRZ	Republican Roa	1.22 321	P	Pn	10 02 36.9 -1.4
WPRZ	Whakapapatarin	1.29 306	P	Pn	10 02 38.0 -1.3
MHRZ	Handcock Road	1.30 219	P	Pn	10 02 37.5 -1.5
TARZ	Mount Tarawera	1.30 323	P	Pn	10 02 38.3 -1.3
RITZ	Rihia Road	1.31 283	P	Pn	10 02 38.9 -0.7
EDRZ	Edgecumbe	1.32 333	P	Pn	10 02 38.2 -1.5
RUGZ	Raukumara Rang	1.32 6	P	Pn	10 02 37.9 -2.0
PUZ	Pukitahi	1.35 26	P	Pn	10 02 37.9 -2.2
WHTZ	Whakaora	1.35 297	P	Pn	10 02 39.4 -0.8
MOVZ	Moawhango	1.36 264	P	Pn	10 02 39.7 -0.6
HLRZ	Highlands Stat	1.36 319	P	Pn	10 02 39.2 -1.1
HRZ	Hossack Road	1.38 314	P	Pn	10 02 39.1 -1.4
ETVZ	East Tongariro	1.40 276	P	Pn	10 02 40.0 -0.8
MKRZ	Makaiti	1.40 370	P	Pn	10 02 41.1 -0.9
TMVZ	Te Maari	1.40 276	P	Pn	10 02 40.0 -0.8
RATZ	Rangitukua	1.41 287	P	Pn	10 02 39.9 -1.0
ANWZ	Angora Road	1.41 213	P	Pn	10 02 38.9 -2.0
TSZ	Takapari Road	1.42 236	P	Pn	10 02 39.1 -1.9
NTVZ	North Tongariro	1.43 277	P	Pn	10 02 40.3 -0.9
OTVZ	Otago Road	1.43 274	P	Pn	10 02 40.4 -0.8
GRRZ	Galatos Road	1.43 310	P	Pn	10 02 40.2 -1.0
TUVZ	Tukino	1.44 270	P	Pn	10 02 40.7 -0.6
KATZ	Kakaramea	1.44 282	P	Pn	10 02 40.6 -0.8
DVHZ	Dannevirke	1.44 225	P	Pn	10 02 39.5 -1.8
SNVZ	South Ngauruho	1.45 273	P	Pn	10 02 40.8 -0.7
MARZ	Manawatu	1.45 292	P	Pn	10 02 40.2 -1.3
KRVZ	Karewareware	1.45 277	P	Pn	10 02 41.0 -0.6
NNVZ	North Ngauruho	1.47 275	P	Pn	10 02 41.2 -0.7
OMRZ	Omania	1.47 323	P	Pn	10 02 40.2 -1.6
WNVZ	Wahianoa	1.47 268	P	Pn	10 02 41.2 -0.7
NGZ	Ngauruho	1.48 278	P	Pn	10 02 41.1 -0.8
WHVZ	Whangahau Hut	1.48 269	P	Pn	10 02 41.3 -0.8
WHRZ	Whale Island	1.48 344	P	Pn	10 02 40.6 -1.4
WTVZ	West Tongariro	1.49 276	P	Pn	10 02 41.5 -0.6
DRZ	Dome Shelter	1.50 270	P	Pn	10 02 41.7 -0.8
UTU	Utuhina	1.50 317	P	Pn	10 02 41.1 -1.1
FWVZ	Far West T-bar	1.51 270	P	Pn	10 02 41.6 -0.9
TRVZ	Turoa	1.51 269	P	Pn	10 02 41.7 -0.9
KUTZ	Kaahu Road	1.53 301	P	Pn	10 02 41.3 -1.3
HAZ	Te Kaha	1.54 8	P	Pn	10 02 41.0 -1.7
LIRZ	Lichensteins R	1.55 325	P	Pn	10 02 41.6 -1.2
NGRZ	Ngongotaha	1.56 319	P	Pn	10 02 41.9 -1.1
MTVZ	Mangateitei	1.59 270	P	Pn	10 02 41.6 -0.8
KARZ	Kaharoa	1.60 322	P	Pn	10 02 41.6 -1.9
TWVZ	Taurewa	1.61 277	P	Pn	10 02 42.6 -1.2
OPRZ	Ohinepanea	1.62 333	P	Pn	10 02 41.7 -2.1
WMGZ	Waiomatatini S	1.63 27	P	Pn	10 02 41.9 -2.0
BFZ	Birch Farm	1.69 214	P	Pn	10 02 42.5 -2.4
BFZ	Birch Farm	1.69 214	P	Pn	10 02 42.5 -2.4
PRWZ	Pori Road	1.73 222	P	Pn	10 02 43.5 -1.8
POWZ	Post Office Ro	1.73 230	P	Pn	10 02 43.6 -1.7
TLZ	Tolley Road	1.80 301	P	Pn	10 02 44.7 -1.6
TCRZ	Tauranga	1.81 270	P	Pn	10 02 45.1 -1.6
MXZ	Matakaoa Point	1.83 21	Pn	Pn	10 02 45.1 -1.6
MXZ	Matakaoa Point	1.83 21	Pn	Pn	10 02 45.1 -1.6
KMRZ	Kaimai	1.88 319	P	Pn	10 02 45.9 -1.5
CPWZ	Castlepoint	1.90 211	P	Pn	10 02 45.8 -1.9
GWZ	Ghaika	1.92 215	P	Pn	10 02 47.3 -0.5
TIWZ	Tintock In	1.92 219	P	Pn	10 02 49.1 -2.2
WAZ	Wanganui	2.00 256	P	Pn	10 02 49.0 0.0
MRZ	Mangatainokoa R	2.02 226	P	Pn	10 02 46.8 -2.4
VRZ	Veru Road	2.13 273	P	Pn	10 02 49.8 -1.0
TMWZ	Te Maipa	2.20 214	P	Pn	10 02 48.7 -3.1
HIZ	Hauti	2.20 290	Pn	Pn	10 02 50.0 -1.0
HIZ	Hauti	2.20 290	Pn	Pn	10 02 50.8 -0.9
TOZ	Tahuroa Road	2.20 314	Pn	Pn	10 02 50.3 -1.5
HOWZ	Holdsworth Sta	2.21 323	Pn	Pn	10 02 49.2 -2.8
MYRZ	Mayor Island	2.23 333	Pn	Pn	10 02 50.9 -1.3
OGWZ	Otaki Gorge	2.35 229	Pn	Pn	10 02 51.3 -2.5
MTW	Mount Morrison	2.48 274	Pn	Pn	10 02 51.1 -3.5
MHEZ	Mangahewa	2.48 274	Pn	Pn	10 02 56.0 +0.5
TRWZ	Traveller	2.52 213	Pn	Pn	10 02 52.3 -3.9
PAWZ	Paruwai Farm	2.62 216	Pn	Pn	10 02 54.0 -3.6
SNZO	South Karori	2.94 226	Pn	Pn	10 02 52.9 -2.7
ESWZ	Blackbirch Sta	3.66 228	Pn	Pn	10 03 09.1 -2.8
NNZ	Nelson	3.70 237	Pn	Pn	10 03 08.2 -2.2
QRZ	Quartz Range	4.11 246	Pn	Pn	10 03 14.6 -3.3
KHZ	Kahutara	4.33 223	Pn	Pn	10 03 17.2 -3.8
OZU	Omahuta	5.11 321	Pn	Pn	10 03 30.5 -1.2
OZU	Omahuta	5.11 321	Pn	Pn	10 03 31.6 -0.1
ODZ	Otaia Downs	7.02 219	Pn	Pn	10 04 02.5 -4.4
WHZ	Wether Hill Ro	9.65 224	Pn	Pn	10 04 32.0 -1.8
DCZ	Deep Cove	9.83 228	Pn	Pn	10 04 35.7 -0.6
DZM	Mont Dzumac	19.59 328	eLR	LR	10 11 32.0
DZM	Mont Dzumac	19.59 328	P	P	10 06 41.4 -0.5
DZM	1.3nm,0.3s,baz=188,slow=10,SNR=11			LR	10 14 07.3
DZM	comp=Z,224nm,18.1s,baz=208,slow=37			P	10 06 42.3 +0.4
DZM	Mont Dzumac	19.59 328	P	P	10 14 42.0
MSVZ	Nonsau	21.48 1	LR	LR	10 14 42.0
TOO	Toolangi	25.07 264	P	P	10 07 38.6 +1.0
STKA	Stephens Creek	29.97 273	P	P	10 08 21.6 +0.1
STKA	2.7nm,0.7s,baz=116,slow=12,SNR=5.7			LR	10 20 11.2
STKA	comp=Z,154nm,19.5s,baz=60,slow=36			P	10 08 22.7 +1.1
STKA	Stephens Creek	29.97 273	P	P	10 17 06.9
TBI	Tubuai	32.17 70	eLR	LR	10 14 53.7
CTAO	Charters Tower	32.97 296	P	P	10 08 48.1 +0.1
PAE2	Paea	35.78 62	eT	T	10 46 27.4
PPT2	Papeete2	35.83 62	eLR	LR	10 18 45.3
PPT2	comp=Z,225nm,27.8s			T	10 46 31.7
PPT2	Papeete2	35.83 62	eT	T	10 46 31.7
COEN	Coen	39.34 300	P	P	10 09 42.2 -0.3
COEN	comp=Z,12nm,0.9s			I Amb	10 09 56.0
AS31	Alice Springs	39.91 280	P	P	10 09 46.9 -0.3
ASAR	Alice Springs	39.91 280	P	P	10 09 46.5 -0.6
ASAR	comp=Z,6.4nm,0.8s,baz=130,slow=8,SNR=60			PcP	10 11 50.4 -1.7
ASAR	comp=Z,0.8nm,0.5s,baz=116,slow=4,SNR=2.2			ScP	10 15 34.8 -2.3
ASAR	comp=Z,0.3nm,0.7s,baz=98,slow=4.7,SNR=1.8			S	10 15 44.7 -4.2
ASAR	comp=Z,1.2nm,0.9s,baz=129,slow=15,SNR=5.9			LR	10 27 15.5
ASAR	comp=Z,247nm,18.1s,baz=136,slow=38			LR	10 09 46.7 -0.5
WR0	Warramunga Arr	41.76 285	P	P	10 09 59.9 -0.9
WR0	comp=Z,11nm,1.0s			I Amb	10 10 11.5
WB2	Warramunga Arr	41.71 285	P	P	10 10 01.2 -0.8
WRAB	comp=Z,9.9nm,0.8s			I Amb	10 10 02.6
WRAB	Tennant Creek	41.72 285	P	P	10 10 01.2 -0.9
WRAB	comp=Z,8.3nm,0.6s			I Amb	10 10 02.1
WRA	Warramunga Arr	41.72 285	P	P	10 10 01.3 -0.8
WRA	comp=Z,5.0nm,0.6s,baz=130,slow=7.6,SNR=101			LR	10 27 58.3
WRA	comp=Z,313nm,18.7s,baz=130,slow=37			LR	10 27 58.3

WRA	Warramunga Arr	41.72 285	P	P	10 10 01.2 -1.0
WB0	Warramunga Arr	41.78 285	P	P	10 10 01.0 -1.7
WBO	comp=Z,19nm,1.4s			I Amb	10 10 12.5
FITZ	Fitzroy Crossi	49.41 280	P	P	10 11 01.8 -1.1
QSPA	South Pole Qui	50.84 180	P	P	10 11 16.0 +2.7
QSPA	comp=Z,6.6nm,0.6s,baz=9.6,slow=1.0,SNR=62			PcP	10 12 30.6 +1.3
QSPA	comp=Z,3.8nm,0.9s,baz=46,slow=2.1,SNR=4.2			PcP	10 11 16.1 +2.8
QSPA	South Pole Qui	50.84 180	P	P	10 11 17.0
QSPA	comp=Z,8.4nm,0.8s			I Amb	10 11 17.0
MORV	Morawa	50.99 262	P	P	10 11 12.9 -1.8
KAPP	Kappag	62.13 286	LR	LR	10 40 53.3
KAPP	comp=Z,139nm,19.7s,baz=218,slow=37			LR	10 40 53.3
MAW	Mawson	62.71 203	LR	LR	10 40 55.5
SNAA	Sanee	69.35 307	P	P	10 13 21.5 +1.6
SNAA	comp=Z,7.8nm,18.3s,baz=54,slow=37			P	10 13 20.4 +0.6
SNAA	Sanee	69.35 307	P	P	10 13 23.2 +1.5
VNA3	Neumayer Olymp	69.66 178	P	P	10 13 25.7 +1.6
VNA2	Neumayer-Watz	70.04 178	P	P	10 13 27.5 +2.0
VNA1	Neumayer-Stat	70.00 178	P	P	10 14 01.8
H03S2	Juan Fernandez	78.59 124	T	T	11 40 31.8
H03S1	Juan Fernandez	78.60 124	T	T	11 40 32.5
H03S3	Juan Fernandez	78.61 124	T	T	11 40 31.8
H03N3	Juan Fernandez	78.83 124	T	T	11 40 38.0
H03N2	Juan Fernandez	78.84 124	T	T	11 40 38.0
H03N1	Juan Fernandez	78.85 124	T	T	11 40 36.9
PLCA	Paso Flores	79.08 134	P	P	10 14 19.5 +2.5
PLCA	comp=Z,1.1nm,0.8s,baz=205,slow=9.2,SNR=7.5			P	10 14 19.3 +2.2
PLCA	Paso Flores	79.08 134	P	P	10 14 20.2
PLCA	comp=Z,4.8nm,0.9s			I Amb	10 14 20.2
LC01	Cunco	79.57 132	P	P	10 14 21.4 +1.7
LC01	comp=Z,7.1nm,0.8s			I Amb	10 14 22.9
MJAR	Matsushiro Arr	83.69 329	P	P	10 14 40.3 -0.8
MJAR	comp=Z,0.6nm,0.7s,baz=172,slow=4.5,SNR=2.6			P	10 15 08.0 +1.2
KSRS	Korea Arry	86.93 323	P	P	10 15 08.0 +1.2
KSRS	comp=Z,2.4nm,0.8s,baz=148,slow=5.5,SNR=7.9			LR	10 50 53.2
KSRS	Korea Arry	86.93 323	P	P	10 15 08.0 +1.2
KSRS	comp=Z,2.4nm,21.8s,baz=350,slow=33			P	10 15 07.5 +0.7
KSAR	Wonju Array Be	88.94 323	P	P	10 15 12.1 +2.8
NJ2	Nanjing	89.43 314	eP	eP	10 15 12.1 +2.8
CMAR	Chiang Mai Arr	93.00 291	P	P	10 15 26.3 +0.1
CMAR	comp=Z,1.7nm,0.7s,baz=149,slow=3.4,SNR=11			LR	10 59 21.0
CMAR	Chiang Mai Arr	93.00 291	P	P	10 15 25.7 -0.5
YKA	Hu-ho-hao-te	99.83 315	eP	eP	10 15 59.1 +2.3
YKA	Yellowknife Ar	115.02 28	PKP	PKP	10 20 52.0 -0.3
YKA	comp=Z,1.1nm,0.5s,baz=205,slow=1.8,SNR=6.5			P	10 20 56.3 +2.0
WMQ	Urumqi	115.67 307	ePKP	ePKP	10 20 56.3 +2.0
MKAR	Makanchi Array	120.44 307	PKP	PKP	10 21 02.5 -0.8
MKAR	comp=Z,0.5nm,0.8s,baz=155,slow=1.7,SNR=3.0			P	10 21 03.6 +0.1
MKAR	Makanchi Array</				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like QUOK, Liberty Lake, Westminister Rd, Bluff Creek, N, etc.

IDC 20 11:42:56.7-0.9,30.12N-103.01E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.4/59, mbtmp3.6/9, ML3.3/1, Error ellipse: s-maj=38.5km s-min=18.5km az=58.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, Songino Array, KSRs, MKAR, AKASG, etc.

IDC 20 11:55:22.1-1.9,20.402S-177.56W, h516km, 20km, mb3.1/6, mb1 3.3/9, mb1mx2.9/37, mbtmp4.0/9, Error ellipse: s-maj=33.6km s-min=20.8km az=143.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF, AFI, URZ, STKA, ASAR, etc.

IDC 20 12:08:25.6-1.2,4.08S, 129.43E, h0km, mb3.9/6, mb1 4.0/9, mb1mx3.7/38, mbtmp3.8/9, ML3.5/3, MS3.1/2, Ms1 3.1/2, ms1mx2.5/42, Error ellipse: s-maj=39.0km s-min=23.0km az=80.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSAI, AAI, FAKI, SIJI, SWI, SANI, SATT, MTN, KNRA, WBD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, WB2, COEN, AS31, ASAR, etc.

MOS 20 12:22:40.3-0.0,43.032N-43.97E, h13km, MPVA3.3, NOR3 20 12:22:40.4-0.0,43.033N-43.97E, h8km, MPVA3.3, ISC 20 12:22:41.7-0.9,42.988N-0.02-43.99E, 0.02, h18km, 20km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KORR, ZEI, LACH, ARNR, DIGR, LSNR, etc.

TRN 20 12:56:33.9, 17.88N-62.15W, h29km, MD3.5, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANWB, SKI, SKOC, SEUS, ANBD, etc.

SNET 20 13:04:02.3-1.2,13.63N-90.50W, h4km, 15km, ML3.1, GCG 20 13:04:02.0-2.0,13.60N-90.73W, h24km, 13km, MD3.3, ISC 20 13:04:00.5-2.1, 13.44N-0.1-90.56W, 0.08, h21km, 6km, n15, az=72.7, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NUBE, SLOZ, PCG, CEVE, FUG, JAYA, NBG, LALI, TACO, UUES, SJTE, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SJTE, STG3, TFCO, SCLA, PQSS, NEIC, BUJ, IDC, ISC, Bougainville-Solomon Islands region, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NOA NORSTAR Array B, FINESS Array B, FINES, SFJD Kangerlussuaq, RES Resolute B, NRK Noril'sk, NRIK Kirov, FRB Frobisher Bay, ARU Arti, AKASG Malin Array Be, BELG Belogoroye, GERES GERESS Array B, SCHO Schefferville, ZALV Zalesovo Beam, YKA Yellowknife Ar, ILAR Eielson Array, KBZ Khabaz, BRTR Keskin Array B, MKAR Makanchi Array, MKAR Makanchi Array, SONM Sogingo Array, GEYT Alibeck, PDAR Pinedale Array, NVAR Mina Array Bea, JNU Nakatsue, TORD Torodi Ar. Bea, TXAR Lajitas Array, TXAR Lajitas Array.

IDC 20 17:05:01.1±1.0, 11.36N; 139.79E, h0km, mb3.9/11, mb1 4.0/11, mb1mx3.8/44, mbtmp3.9/11, MS3.0/1, Ms1 3.0/1, ms1mx2.2/39, Error ellipse: s-maj=34.5km s-min=19.7km az=87.0.

NEIC 20 16:59:03.1±2.4, 11.3N; 0.1±139.7E; 0.2, h10km, 2km, mb4.0/10, Error ellipse: s-maj=33.2km s-min=24.1km az=74.0.

ISC 20 16:59:04.5-0.9, 11.3N; 0.1±139.7E; 0.2, h22km, n30, s101/22, mb4.0/16, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SSSLB Suanglung, JNU Nakatsue, JNU Nakatsue, JNW Wachi, H11S3 WAKE ISLAND Hy 27.02, H11S1 WAKE ISLAND Hy 27.04, H11S2 WAKE ISLAND Hy 27.04, H11N1 WAKE ISLAND Hy 27.48, H11N2 WAKE ISLAND Hy 27.48, H11N3 WAKE ISLAND Hy 27.49, KRSR Korea Array, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, CHTO Chiang Mai B, SONM Sogingo Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURK Kurchatov, GAR Garm, CHGR Chuyangaron, BRVK Borvoye, ILAR Eielson Array, BMAR Burnt Mountain, ABKAR Akbulak Array, YKA Yellowknife Ar, ARCES ARCESS Array B, FINESS FINESS Array B.

IDC 20 17:02:52.6±1.8, 15.65S; 73.14W, h80km, 19km, mb3.4/3, mb1 3.7/6, mb1mx3.5/27, mbtmp3.8/6, Error ellipse: s-maj=36.0km s-min=13.4km az=46.0.

ISC 20 17:02:53.6-0.8, 15.8S; 0.1±73.2W; 0.1, h102km, n14, s169/16, mb3.4/3, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB12 IPOC Station P, PB16 IPOC Station P, NNA Nana, NNA Nana, PB11 IPOC Station P, PB11 IPOC Station P, LVC Limon Verde, LVC Limon Verde.

Table with columns: SIV, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include San Ignacio, H03N1 Taipei, H03N2 Juan Fernandez, H03N3 Juan Fernandez, PTGA Pitking, TXAR Lajitas Array, TORD Torodi Ar. Bea, YKA Yellowknife Ar, SONM Sogingo Array.

IDC 20 17:04:55.7±10.0, 5.94S; 153.70E, h143km, 72km, mb3.3/2, mb1 3.6/3, mb1mx3.1/34, mbtmp3.8/3, Error ellipse: s-maj=144.0km s-min=56.7km az=115.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, TORD Torodi Ar. Bea.

TAP 20 17:05:03.3, 24.43N; 121.85E, h13km, ML3.0, B JMA 20 17:05:03.4-0.1, 24.39N; 121.82E, h16km, M2.3 ISC 20 17:05:03.1-0.8, 24.43N; 0.02±121.88E; 0.02, h13km, 5km, n85, s047/140, 10C-7D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EWUT Wuta, ENA Nanau, ENA Nanau, EHP Heping Village, EHP Heping Village, NDS Dongshan, NDS Dongshan, TWE Neicheng, TWE Neicheng, ENTT Nioudou, ENTT Nioudou, ETL Fush Village, ETL Fush Village, ILA Ilan, ILA Ilan, IACB Ninganchiao, IACB Ninganchiao, NDT Daton Townshi, NDT Daton Townshi, EGS EGS, EGS EGS, ETLH Xiulin Townshi, ETLH Xiulin Townshi, NTC Toucheng, NTC Toucheng, TWD Chiawan, TWD Chiawan, TWD Chiawan, NNSB Datong, NNSB Datong, NNS Nan Shan, NNS Nan Shan, NNS Nan Shan, NNLW Wulai, NNLW Wulai, NNLW Wulai, HWA Hwaiien, HWA Hwaiien, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, NSK Sanguang, NSK Sanguang, TIPB Shuangxi, TIPB Shuangxi, TIPB Shuangxi, ETM Tongmen, ETM Tongmen, ETM Tongmen, TWB1 Santiao Chiao, TWB1 Santiao Chiao, TWB1 Santiao Chiao, FUSF Fushou, FUSF Fushou, FUSF Fushou, TWA Mucha, TWA Mucha, TWA Mucha, TEYL Yanliu Villag, TEYL Yanliu Villag, TEYL Yanliu Villag, NHHD Xindian Distri, NHHD Xindian Distri, NHHD Xindian Distri, NHHD Xindian Distri, WHF Hehuan Shan, WHF Hehuan Shan, WHF Hehuan Shan, NWF Wufan Shan, NWF Wufan Shan, NWF Wufan Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, TATO Taipei, TATO Taipei, TATO Taipei.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TATO Taipei, NHY Taipei, TDCB Techu, TDCB Techu, TDCB Techu, TAP Taipei, TAP Taipei, ESL Shilin, ESL Shilin, CHGB Renai, CHGB Renai, CHGB Renai, YMO1 YMO1, YMO1 YMO1, TWS1 Kuangyinsinan, TWS1 Kuangyinsinan, TWS1 Kuangyinsinan, OWD Renai, OWD Renai, OWD Renai, LIOB Emei, LIOB Emei, LIOB Emei, ANP Anpu, ANP Anpu, NSTT Nanjiang, NSTT Nanjiang, NSTT Nanjiang, NCU National Center, NCU National Center, NCU National Center, NCUH Zhongli, NCUH Zhongli, NCUH Zhongli, NTST Danshui, NTST Danshui, NTST Danshui, EGFH Guangfu, EGFH Guangfu, EGFH Guangfu, WHP Taichung City, WHP Taichung City, WHP Taichung City, WHP Taichung City, TWH Chenchua, TWH Chenchua, TWH Chenchua, TWY Chenchua, TWY Chenchua, TWY Chenchua, SBCB Hsinchu, SBCB Hsinchu, SBCB Hsinchu, VVWD VVWD, VVWD VVWD, VVWD VVWD, WCS Beigang Elemen, WCS Beigang Elemen, WCS Beigang Elemen, WCS Beigang Elemen, JYNG Yonagunijimaku, JYNG Yonagunijimaku, JYNG Yonagunijimaku, NMLH Miaoili, NMLH Miaoili, NMLH Miaoili, TWQ1 Liyutan, TWQ1 Liyutan, TWQ1 Liyutan, TWQ1 Liyutan, NSY Sanyi, NSY Sanyi, NSY Sanyi, NSY Sanyi, HGSD Ruisui, HGSD Ruisui, HGSD Ruisui, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, EHY Hungye, EHY Hungye, EHY Hungye, SSB Suanglung, SSB Suanglung, SSB Suanglung, TYC Yuchr, TYC Yuchr, TYC Yuchr, TYC Yuchr, TYC Yuchr, WDJ Dajia District, WDJ Dajia District, WDJ Dajia District, TCU Taichung, TCU Taichung, TCU Taichung, YULB Yu-li, YULB Yu-li, YULB Yu-li, EYUL Yuli, EYUL Yuli, EYUL Yuli, WJS Zhushan, WJS Zhushan, WJS Zhushan, WNT Mingjiao, WNT Mingjiao, WNT Mingjiao, FULB Fuli, FULB Fuli, FULB Fuli, ALS Alishan, ALS Alishan, ALS Alishan, CHNS Tsuingling, CHNS Tsuingling, CHNS Tsuingling, WDLH Douliu, WDLH Douliu, WDLH Douliu, ELDT Lidou, ELDT Lidou, ELDT Lidou, WRL Guolierlin Hig, WRL Guolierlin Hig, WRL Guolierlin Hig, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, STYH Taoyuan, STYH Taoyuan, STYH Taoyuan, CHY Chiayi, CHY Chiayi, CHY Chiayi, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, IRIF Iriomote-Funau, IRIF Iriomote-Funau, IRIF Iriomote-Funau, TWK Hsinying, TWK Hsinying, TWK Hsinying, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, SGST Jianshan, SGST Jianshan, SGST Jianshan, JKRS Kuro-shima, JKRS Kuro-shima, JKRS Kuro-shima, JIJ Ishigaki jima, JIJ Ishigaki jima, JIJ Ishigaki jima, JISG Ishigakijimahi, JISG Ishigakijimahi, JISG Ishigakijimahi, SOME 20 17:13:32.4, 40.22N; 73.22E, h10km, KRNET 20 17:13:34.9-0.1, 40.37N; 73.23E, h18km, mb3.2, NINC 20 17:13:34.9-0.1, 40.39N; 73.20E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=8.5km s-min=4.3km az=175.0, ISU 20 17:13:34.7±1.0, 40.36N; 0.03±73.24E; 0.02, h12km, 10km, n53, s162/84, 27C-14D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OHH Osh, OHH Osh, OHH Osh.

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like PALK, MAJO, JIRN, GUN, PKI, JSD, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like RK1H, HTT, STKA, MDJ, USA0B, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like H08S3, H08S1, ARMA, SMLA, KLR, etc.

1001

Table with columns: BRVK, Borovoye, 62.73 330, cP, P, 18 58 00.2 -0.9. Includes entries like Borovoye, Banah, Ashiyah, Masafi, etc.

2015 DEC

Table with columns: RPZ, Rata Peaks, 67.15 141, P, P, 18 58 30.1 0.0. Includes entries like Macquarie Isla, Hauti, Tophouse, etc.

20d 18h

Table with columns: GROC, Groznyy, 74.34 314, eP, P, 18 59 13.1 -0.7. Includes entries like Arta Tunnel, Gani, Garni, etc.

20d 18h

GHAJ	Ghor Haditha	81.39 301	IAMS_20	IAMS_20	19 41 60.0
MOS	Moscow	81.40 326	eP	P	18 59 50.1 -2.7
MOS			e		19 59 56.0
MOS			eS		19 02 54.9
MOS			S		19 09 58.7 -5.1
MOS	comp=Z,77nm,1.4s		pmax	pmax	
OBN	Obninsk	81.94 325	↑P	P	18 59 55.4 -0.2
OBN	Obninsk	81.94 325	eP	P	18 59 55.2 -0.5
OBN			e		19 00 00.0
OBN			i-PP	PcP	19 00 04.9 +3.6
OBN			eS	PnS	19 10 10.4 +1.1
OBN			ePS	pmax	19 11 02.1 +4.2
OBN	comp=Z,93nm,1.0s		MLR	MLR	
OBN	Obninsk	81.94 325	P	P	18 59 54.4 -1.2
OBN	comp=Z,5μm,23.0s		IAMB	IAMB	19 00 05.6
OBN	comp=Z,193nm,1.4s		IAMS_20	IAMS_20	19 42 08.8
LODK	Lodwar	82.15 273	P	P	18 59 58.6 +0.8
LODK	Lodwar	82.15 273	IAMS_20	IAMS_20	19 37 23.4
RD0G	Red Dog Mine	82.66 22	P	P	19 00 08.5 +9.2
SIM	Simferopol	82.89 315	eP	P	19 00 00.0 -0.9
SIM			e		19 00 05.0
SIM			pmax	pmax	
BR131	keskin Array S	83.11 309	P	P	19 00 02.2 -0.2
BR131			pmax	pmax	
BR131	keskin Array S	83.11 309	P	P	19 00 02.2 -0.2
BR131	SNR=40		P	P	19 00 02.2 -0.2
BR131	keskin Array S	83.11 309	P	P	19 00 02.2 -0.2
BRTR	keskin Array B	83.11 309	P	P	19 00 01.9 -0.4
BRTR	comp=Z,25nm,0.8s,baz=132,slow=5.9,SNR=78		PP	PP	19 03 12.0 -1.4
BRTR	comp=Z,2.3nm,0.9s,baz=116,slow=8.6,SNR=2.7		LR	LR	19 44 23.8
BRTR	comp=Z,2μm,18.4s,baz=106,slow=4.1		P	P	19 00 02.0 -0.4
BRTR	keskin Array B	83.11 309	P	P	19 00 02.1 -0.2
CSS	Mathiatis	83.30 305	P	P	19 00 01.7 -1.6
CSS			IAMS_20	IAMS_20	19 41 49.5
LVZ	Lefka	83.67 305	↑P	P	19 00 05.4 +0.3
LVZ	Lovozero	84.01 338	P	P	19 00 05.7 -0.6
LVZ	comp=Z,262nm,1.8s		pmax	pmax	
LVZ	Lovozero	84.01 338	P	P	19 00 05.7 -0.6
LVZ	comp=Z,2.262nm,1.8s		IAMB	IAMB	19 02 42.3
RAR	Rarotonga	84.36 112	P	P	19 00 08.4 -0.5
APA	Apafity	84.46 337	↑P	P	19 00 16.5 +8.0
APA			i		19 03 31.8
APA	comp=Z,21nm,1.0s		pmax	pmax	
APA			MLR	MLR	
VNDA	Vanda	84.61 171	P	P	19 00 08.1 -1.0
VNDA	comp=Z,11nm,0.8s,baz=317,slow=6.2,SNR=46		LR	LR	19 40 01.4
VNDA	Vanda	84.61 171	P	P	19 00 08.0 -1.0
VNDA	comp=Z,25nm,1.0s		pmax	pmax	
VNDA	Vanda	84.61 171	P	P	19 00 08.0 -1.0
VNDA	Galena City Sc	84.76 25	P	P	19 00 11.1 +1.1
VNDA	baz=268,SNR=101		P	P	19 00 11.1 +1.1
KDZE	Karadentz Ereo	84.79 311	↑P	P	19 00 10.8 0.0
TTA	Tatalina	85.07 27	P	P	19 00 12.5 +0.7
TTA	comp=Z,120nm,1.2s		pmax	pmax	
TTA	Tatalina	85.07 27	P	P	19 00 12.5 +0.7
TTA	comp=Z,120nm,1.2s		IAMB	IAMB	19 00 14.7
TTA	Tatalina	85.07 27	P	P	19 00 12.9 +1.1
A21K	Barrow	85.17 19	P	P	19 00 12.5 +0.5
A21K	comp=Z,2.4μm,22.0s		IAMS_20	IAMS_20	19 37 40.2
A21K	Barrow	85.17 19	P	P	19 00 13.0 +1.0
VALR	Valaam	85.28 331	iP	P	19 00 12.3 -0.4
VALR	comp=Z,142nm,1.0s		pmax	pmax	
O18K	Koktuh Hills	85.40 30	P	P	19 00 14.5 +1.1
PUL	Pulkovo	85.54 330	iP	P	19 00 13.1 -1.0
PUL	comp=Z,151nm,0.7s		pmax	pmax	
ISP	Isparta	85.55 308	P	P	19 00 13.4 -1.4
ISP	comp=Z,163nm,1.4s		pmax	pmax	
ISP	Isparta	85.55 308	P	P	19 00 13.4 -1.4
ISP	comp=Z,3μm,21.0s		MLR	MLR	19 00 23.0
ISP	Isparta	85.55 308	P	P	19 00 13.4 -1.4
BORA	BORA	85.56 310	P	P	19 00 13.9 -0.9
BORA	comp=Z,202nm,1.7s		IAMB	IAMB	19 00 27.7
L19K	White Mountain	85.60 28	P	P	19 00 13.8 -0.6
L19K	comp=Z,120nm,1.2s		IAMB	IAMB	19 00 17.5
L19K	White Mountain	85.60 28	P	P	19 00 15.7 +1.3
N19K	Bonanza Creek	85.77 29	P	P	19 00 17.6 +2.2
N19K	baz=270,SNR=11		P	P	19 00 17.6 +2.2
M19K	Big River Lodge	85.81 28	P	P	19 00 17.1 +1.7
O19K	Port Alsworth	85.85 30	P	P	19 00 17.5 +1.9
PURM	Purcari	85.87 316	↑P	P	19 00 16.0 0.0
J20K	Nowinta River	85.93 26	P	P	19 00 16.9 +1.0
L20K	Farewell, AK	86.05 28	P	P	19 00 17.6 +0.9
ELL	Elmali	86.06 306	P	P	19 00 16.6 -0.8
ELL	comp=Z,2μm,2.0s		pmax	pmax	
ELL	Elmali	86.06 306	P	P	19 00 16.6 -0.8
IMAR	Indian Mountain	86.09 24	P	P	19 00 17.4 +0.7
Q19K	Cape Douglas	86.20 31	IAMS_20	IAMS_20	19 38 34.3
AKASG	Malin Array Be	86.23 320	P	P	19 00 16.9 -0.9
AKASG	comp=Z,4μm,20.0s		P	P	19 00 16.9 -0.9
AKASG	Malin Array Be	86.23 320	iP	P	19 00 16.7 -1.0
AKASG	comp=Z,15nm,0.6s		pmax	pmax	
AKASG	Malin Array Be	86.23 320	P	P	19 00 16.8 -0.9
AKASG	comp=Z,15nm,0.6s		IAMB	IAMB	19 00 24.5
AKB	Malin Array Si	86.23 320	iP	P	19 00 16.5 -1.2
AKB	Malin Array Si	86.23 320	P	P	19 00 16.8 -0.9
KSL	Kastellorizon	86.34 306	P	P	19 00 17.5 -1.1
OHAK	Old Harbor	86.42 33	P	P	19 00 20.7 +2.2
H21K	Melozitna Rive	86.49 25	P	P	19 00 19.2 +0.5
H21K	comp=Z,109nm,1.2s		IAMB	IAMB	19 00 22.0
H21K	Melozitna Rive	86.49 25	P	P	19 00 20.2 +1.5
KIS	Kishinev	86.58 317	eP	P	19 00 20.0 +0.5
KIS	comp=Z,1μm,23.0s		eS	LQ	19 10 52.0 -4.3
KIS	Kishinev	86.58 317	eP	P	19 00 20.0 +0.5
KIS	comp=Z,1μm,19.0s		eLQ	S	19 36 02.0
KIS	Kishinev	86.58 317	eS	LRM	19 46 06.0
KIS	Kishinev	86.58 317	eS	P	19 00 20.0 +0.5
KIS	Kishinev	86.58 317	eS	pmax	19 10 52.0 -4.3
MILM	Milestii Mici	86.59 317	↑P	P	19 00 18.8 -0.7
MILM	Milestii Mici	86.59 317	iP	P	19 00 18.7 -0.9

2015 DEC

MILM					19 03 49.0
MILM					19 10 35.0
MILM					19 10 51.0 -5.3
MILM					19 12 01.0 +5.9
MILM	comp=Z,2μm,4.0s		smax	smax	
ISK	Istanbul-Kandi	86.59 311	P	P	19 00 19.7 0.0
JURR	Jurivulca	86.61 314	↑P	P	19 00 19.5 -0.2
TLCR		86.64 315	↑P	P	19 00 19.9 +0.1
FETHY	Fethiye	86.73 306	P	P	19 00 20.2 -0.3
CHUM	Lake Minchumin	86.74 26	P	P	19 00 20.9 +1.0
KDAX	Kodiak Island	86.78 32	IAMS_20	IAMS_20	19 37 22.3
KDAX	comp=Z,2μm,21.0s				
PPLA	Purkeypile	86.82 27	P	P	19 00 18.8 -1.7
PPLA	comp=Z,223nm,1.7s		IAMB	IAMB	19 00 46.6
PPLA	Purkeypile	86.82 27	P	P	19 00 21.4 +0.8
PPLA	comp=Z,272,SNR=8.7				
KEV	Kevo	86.83 340	IAMS_20	IAMS_20	19 42 41.0
I21K	Tanana	86.84 25	P	P	19 00 20.4 0.0
I21K	comp=Z,295nm,1.9s		IAMB	IAMB	19 01 27.1
I21K	Tanana	86.84 25	P	P	19 00 21.6 +1.2
I21K	comp=Z,4μm,21.0s		IAMS_20	IAMS_20	19 37 53.8
I21K	Tanana	86.84 25	P	P	19 00 21.6 +1.2
MANR	Mangalia	86.85 314	↑P	P	19 00 21.5 +0.6
CAST	Castle Rocks	86.86 27	P	P	19 00 21.3 +0.8
CAST	comp=Z,160nm,1.8s		IAMB	IAMB	19 00 26.8
CAST	Castle Rocks	86.86 27	P	P	19 00 22.0 +1.4
CAST	baz=272,SNR=19				
SORM	Soroca	86.86 318	↑P	P	19 00 20.2 -0.7
TPGR	Topolog	86.93 315	↑P	P	19 00 21.1 -0.2
MNK	Minsk	86.94 324	eP	P	19 00 21.2 +0.1
MNK	Minsk	86.94 324	iP	P	19 00 21.2 +0.1
MNK	comp=E,13nm,1.2s		iP	P	19 00 21.2 +0.1
MNK	comp=N,23nm,1.0s		P	P	19 00 21.2 +0.1
MNK	comp=Z,137nm,1.2s,baz=269		iP	PP	19 03 44.0 0.0
MNK			iPPP	PPP	19 05 38.4
MNK			iSS	SS	19 10 47.2 -0.9
MNK			iSSS	SSS	19 16 43.9 +2.1
MNK			iLQ	LQ	19 20 16.6
MNK			iLR	LR	19 36 37.3
MNK			iLRM	MLR	19 40 27.3
MNK	comp=E,950nm,24.7s		iLRM	MLR	19 40 31.9
MNK	comp=N,6μm,20.8s		iLRM	MLR	19 40 31.9
MNK	comp=Z,9μm,27.7s				
TIRR	Tirgusor	86.95 314	↑P	P	19 00 21.1 -0.2
TIRR	Tirgusor	86.95 314	P	P	19 00 20.8 -0.6
TIRR	comp=Z,286nm,1.4s		pmax	pmax	
TIRR	comp=Z,14μm,22.0s		MLR	MLR	
TIRR	Tirgusor	86.95 314	P	P	19 00 20.8 -0.6
KULA	Kula-Manisa	86.99 308	P	P	19 00 22.1 +0.2
MBAR	Mbarara	87.00 269	iP	P	19 00 22.6 +0.1
MBAR	Mbarara	87.00 269	P	P	19 00 23.3 +0.8
MBAR	Mbarara	87.00 269	P	P	19 00 23.3 +0.8
MBAR	Mbarara	87.00 269	IAMS_20	IAMS_20	19 36 15.6
HOPEN	Hopen	87.10 346	IVMs_BB	IVMs_BB	19 37 55.5
CFR	Comp=Z,9μm,4.1s				
VLDL	Vladesti	87.12 315	P	P	19 00 22.0 -0.2
SCTR	Scaesteesti	87.14 316	↑P	P	19 00 22.4 +0.1
SCTR	Scaesteesti	87.20 315	↑P	P	19 00 22.6 0.0
HARR	Harsova	87.29 314	↑P	P	19 00 22.8 -0.2
YASR	Yasul	87.30 316	↑P	P	19 00 23.4 +0.4
BPAW	Beau Pt. Mtn.	87.31 26	P	P	19 00 24.7 +2.0
YER	Yerkesik	87.35 307	P	P	19 00 22.6 -1.0
SLCR	Slobozia Conac	87.36 315	↑P	P	19 00 23.9 +0.6
IZVR	Izvoarele	87.37 315	↑P	P	19 00 23.7 +0.3
ARAO	ARCES Array S	87.37 339	eP	P	19 00 22.6 -0.4
ARCS	ARCES Array B	87.37 339	P	P	19 00 22.4 -0.5
ARCS	comp=Z,26nm,1.0s,baz=96,slow=6.6,SNR=22				
ARCS	ARCES Array B	87.37 339	P	P	19 00 22.0 -0.9
ARCS	comp=Z,62nm,1.1s		pmax	pmax	
ARCS	ARCES Array B	87.37 339	P	P	19 00 22.0 -0.9
MLY	Manley	87.38 25	P	P	19 00 23.8 +0.7
MLY	Manley	87.38 25	P	P	19

1003

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GVD, GVS, PLG, IMMV, M2SK, BERG, HERR, KNDR, ZAPS, KNT, MCARA, etc.

2015 DEC

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KRLC, Kraliky, MFLH, EGYH, DPC, etc.

20d 18h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GERES, GERES Array B, KHC, Kaspereske Hory, etc.

20d 19h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DUG, AVE, HWUT, DGMT, LAO, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PEL, ROCR, AVIZ, etc.

NOU 10 18:50:36.8,22:22S:1.76:25W,h96km,mb4.6/9, South of Fiji Islands

ICC 10 18:50:40.7,4.4,21.933S:176.45W,h186km,32km,mb4.2/7, mb1.4/2.9, mb1mx3.8/4.1, mbtmp4.7/9, Error ellipse: s-maj=37.6km s-min=26.8km az=115.0

ISC 10 18:50:39.7,0.6,22:14.5S:106:17.0W,0.8,h200km, n63,+295/68,mb4.4/7,24C, South of Fiji Islands

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

1004

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

ICC 19:02:05.0,3.0,8.3:15N:116.97E,h0km,mb3.7/9, mb1.3/1.0, mb1mx3.4/5.7, mbtmp3.8/10,ML4.1/1, Error ellipse: s-maj=98.1km s-min=16.7km az=61.0

KLM 20 19:02:08.3,4.7N:117.86E,h4km,mb3.9, NEIC 20 19:02:09.9,1.5,3.33N:0.06:117.55E:0.06,h10km,1km, mb4.5/7.2, Error ellipse: s-maj=10.6km s-min=8.8km

DJA 20 19:02:11.5,0.6,3.3N:3.33E,h10km,M4.4/4,MLv4.4/4

ISC 19:02:07.5,0.6,3.42N:0.06:117.71E:0.08,h10km,n27, s161/27,mb4.0/1.3,Orneo

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

1005

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like SPSI Sidrap Palu, KSM Kuching, BNSI Bone, etc.

IDC 20 19:07:17.6-19.0, 17.02S-179.86E, h619km, 192km, mb2.8/3, mb1 3.0/3, mb1mx2.7/49, mbtmp3.6/8, Error ellipse: s-maj=163.8km s-min=94.6km az=106.0, Fiji Islands region

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

IDC 20 19:09:24.1-1.0, 3.07N-117.24E, h0km, mb3.6/8, mb1 3.7/8, mb1mx3.3/53, mbtmp3.6/8, Error ellipse: s-maj=136.4km s-min=19.0km az=56.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

MOS 20 19:11:25.5-1.3, 55.36N-110.56E, h11km, mb3.4/1, Error ellipse: s-maj=15.0km s-min=8.6km az=68.6

2015 DEC

Main table with columns: YOA, comp, E, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Uoyan, Uokit, Uovuo, Uovv, Uovv, etc.

TUP TUP TUP comp=Z, 11nm, 0.5s eS e pmx pmx

20d 19h

Table with columns: TUP, comp, Z, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Talaya, Arshan, Zakamensk, etc.

IDC 20 19:11:55.0-0.9, 4.11N-118.80E, h0km, mb3.6/10, mb1 3.8/10, mb1mx3.4/50, mbtmp3.6/10, Error ellipse: s-maj=81.6km s-min=16.7km az=61.0

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BNDI, AAI, MSAI, FAKI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like IPM, MNSI, KULM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TIXI, NRIK, ABKAR, etc.

1009

LZH	comp=N,290nm,12.3s	LR	LR						
LZH	comp=E,300nm,11.3s	LR	LR						
KSR5	comp=Z,340nm,13.3s	LR	LR	22 00 35.8					
BJT	comp=Z,340nm,13.3s	LR	LR	21 45 40.1 -1.7					
BJT	comp=Z,18nm,1.3s	IAmb	IAmb	21 45 48.1					
BJI	comp=Z,18nm,1.3s	P	P	21 45 43.3 +1.3					
BJI	comp=Z,14nm,1.8s	Pmax	Pmax						
HHC	comp=Z,14nm,1.8s	eP	eP	21 45 54.9 +2.6					
HHC	comp=Z,9.0nm,1.0s	Pmax	Pmax						
HHC	comp=Z,86nm,5.7s	Pmax	Pmax						
JIRN	comp=Z,24nm,0.7s	eP	P	21 46 04.0 +3.1					
GUN	comp=Z,24nm,0.7s	eP	P	21 46 06.9 +3.0					
PKI	comp=Z,29nm,0.7s	eP	P	21 46 07.9 +2.6					
PKI	comp=Z,12nm,0.7s	eP	P	21 46 08.0 +2.6					
PKIN	comp=Z,12nm,0.5s	eP	P	21 46 07.0 +0.4					
GTA	comp=Z,5.0nm,1.0s	pP	sP	21 46 10.9 0.0					
GTA	comp=Z,5.0nm,1.0s	sP	pP	21 46 13.8 +4.1					
GTA	comp=Z,88nm,4.7s	Pmax	Pmax						
GTA	comp=N,130nm,15.6s	LR	LR						
GTA	comp=E,260nm,15.3s	LR	LR						
DMN	comp=Z,140nm,17.8s	eP	P	21 46 09.9 +2.6					
GKN	comp=Z,21nm,0.8s	eP	P	21 46 14.3 +2.4					
DANN	comp=Z,42nm,0.9s	eP	P	21 46 20.8 +1.8					
HYB	comp=Z,25nm,0.7s	iP	P	21 46 23.0 +2.7					
PYUN	comp=Z,41nm,1.1s	eP	P	21 46 23.0 +0.9					
STKA	comp=Z,6.9nm,0.8s	P	P	21 46 30.6 +0.2					
STKA	comp=Z,6.9nm,0.8s	eP	P	21 46 30.8 +0.2					
MDJ	comp=Z,5.0nm,0.9s	Pmax	Pmax	21 46 32.3 +1.3					
MDJ	comp=Z,5.0nm,0.9s	Pmax	Pmax						
ULN	comp=Z,210nm,5.0s	IAmb	IAmb	21 46 54.0 -0.4					
ULN	comp=Z,5.7nm,1.1s	P	P	21 46 57.1 +2.0					
SONM	comp=Z,1.4nm,0.5s	PCP	PP	21 48 38.1 -2.4					
SONM	comp=Z,0.7nm,1.0s	baz=188,slow=5.4,SNR=2.1		21 46 54.4 -0.7					
SONM	comp=Z,0.7nm,1.0s	baz=188,slow=5.4,SNR=2.1		21 47 12.6 +2.9					
KLR	comp=Z,0.7nm,0.5s	baz=292,slow=12,SNR=3.6		21 47 20.3 +2.3					
WMQ	comp=Z,6.4nm,0.7s	eP	P	21 47 38.2 -3.0					
NIL	comp=Z,6.4nm,0.7s	IAmb	IAmb	21 47 46.8					
KSH	comp=Z,6.4nm,0.7s	P	P	21 47 48.8 +0.5					
KSH	comp=Z,6.4nm,0.7s	pP	sP	21 47 52.6 -0.1					
MKAR	comp=Z,2.7nm,0.7s	baz=127,slow=7.8,SNR=2.1		21 47 53.9 -0.3					
KBL	comp=Z,2.7nm,0.7s	P	P	21 48 05.9 -1.7					
KBL	comp=Z,2.7nm,0.7s	IAmb	IAmb	21 48 11.5					
AAK	comp=Z,8.1nm,0.8s	P	P	21 48 04.9 -2.7					
GAR	comp=Z,8.1nm,0.8s	P	P	21 48 11.6 -2.8					
BTK	comp=Z,8.1nm,0.8s	P	P	21 48 14.5 -0.9					
BTK	comp=Z,8.1nm,0.8s	IAmb	IAmb	21 48 24.2					
CHGR	comp=Z,6.2nm,1.1s	P	P	21 48 18.2 -0.8					
ZAAO	comp=Z,6.2nm,1.1s	P	P	21 48 21.7 -1.9					
ZAAO	comp=Z,6.2nm,1.1s	IAmb	IAmb	21 48 27.3					
ZALV	comp=Z,4.9nm,0.8s	baz=134,slow=6.4,SNR=7.3		21 48 22.8 -0.8					
ZALV	comp=Z,4.9nm,0.8s	baz=134,slow=6.4,SNR=7.3		21 48 21.6 -2.0					
KKAR	comp=Z,4.9nm,0.8s	baz=134,slow=6.4,SNR=7.3		21 48 35.0 -2.1					
BRVK	comp=Z,4.9nm,0.8s	baz=134,slow=6.4,SNR=7.3		21 49 01.6 -2.4					
BRVK	comp=Z,4.9nm,0.8s	IAmb	IAmb	21 49 12.0					
ABKAR	comp=Z,6.1nm,0.8s	P	P	21 49 28.4 -1.1					
ABKAR	comp=Z,6.1nm,0.8s	IAmb	IAmb	21 49 32.9					
KMBO	comp=Z,2.3nm,0.9s	LR	LR	22 22 57.8					
BRTR	comp=Z,66nm,20.6s	baz=90,slow=33		21 51 04.7 -0.7					
VNDA	comp=Z,1.1nm,0.6s	baz=69,slow=4.5,SNR=6.5		21 51 10.8 -1.1					
VNDA	comp=Z,1.1nm,0.6s	baz=69,slow=4.5,SNR=6.5		21 51 19.0 -1.6					
AKASG	comp=Z,1.1nm,0.6s	baz=69,slow=4.5,SNR=6.5		21 51 36.3 -0.2					
BMAR	comp=Z,1.1nm,0.6s	baz=69,slow=4.5,SNR=6.5		21 51 54.4 -0.6					
QSPA	comp=Z,5.1nm,1.3s	IAmb	IAmb	21 52 02.1					

TAP 20 21:46:02.4,24:84N,121:95E,h7km,ML3.6,C
 JMA 20 21:46:02.9,0.1,24:86N,121:86E,h40km,M2.7
 ISC 20 21:46:02.6,0.8,24:84N,121:94E,h7km,ML3.6,C
 n67,c103/116,7C-1D,Taiwan

Code	Station Name	Δ° AZZ	Phase ID	ISC	Time h m s	Res ISC
EGS	baz=357	0.06 271	iP	Pg	21 46 04.2	-0.2
EGS	baz=357		iS	Sg	21 46 05.1	-0.7
NTC	baz=357	0.15 274	iP	Pg	21 46 05.6	-0.2
NTC	baz=285		iS	Sg	21 46 07.7	-0.4
TWB1	baz=285	0.16 358	iP	Pg	21 46 06.6	+0.5
TWB1	baz=14		eS	Sg	21 46 09.2	+0.8
TIPB	baz=14	0.20 310	iP	Pg	21 46 06.9	+0.2
TIPB	baz=323		S	Sg	21 46 09.9	+0.4
ILA	baz=250	0.24 251	P	Pg	21 46 07.3	0.0
ILA	baz=250		S	Sg	21 46 10.9	+0.3
TWC	baz=199	0.27 210	iP	Pg	21 46 08.1	+0.1
TWC	baz=199		S	Sg	21 46 11.3	-0.3
NWF	baz=328	0.30 319	iP	Pb	21 46 09.2	-0.9
NWF	baz=328		iS	Sb	21 46 13.8	-1.5
WFSB	baz=328	0.30 319	P	Pg	21 46 09.1	+0.6
WFSB	baz=328		S	Sg	21 46 13.8	-1.4
TWE	baz=328	0.32 248	iP	Pg	21 46 08.8	-0.1
TWE	baz=245		S	Sg	21 46 13.0	-0.2
NDS	baz=245	0.33 231	P	Pg	21 46 09.0	-0.1
NDS	baz=227		eS	Sg	21 46 12.8	-0.7
TNOU	baz=227	0.36 327	P	Pb	21 46 10.4	-0.9
TNOU	baz=334		eS	Sg	21 46 15.3	+0.7
TWA	baz=334	0.40 290	iP	Pg	21 46 10.6	+0.2
TWA	baz=295		S	Sg	21 46 15.6	0.0
NHY	baz=295	0.43 297	P	Pb	21 46 11.9	-0.5

2015 DEC

NHY	S	Sg	21 46 17.8	+1.1		
ENTT	baz=301	0.44 243	iP	Pg	21 46 11.2	+0.1
ENTT	baz=240		S	Sg	21 46 17.7	+0.7
EWUT	baz=240	0.44 206	P	Pg	21 46 11.2	0.0
EWUT	baz=201		eS	Sg	21 46 18.1	+1.0
NHHD	baz=201	0.44 286	P	Pg	21 46 11.8	+0.6
NHHD	baz=289		S	Sg	21 46 17.5	+0.4
NHDL	baz=289		S	Sg	21 46 11.2	-0.2
NWLT	baz=263	0.45 262	P	Pg	21 46 16.4	-1.0
NWLT	baz=263		eS	Sg	21 46 12.4	-1.0
NWRT	baz=263	0.47 320	eP	Pb	21 46 12.4	-0.6
NWRT	baz=325		eS	Sb	21 46 19.6	-0.5
ENA	baz=325	0.47 209	iP	Pg	21 46 11.7	-0.1
ENA	baz=204		eS	Sg	21 46 17.2	-0.8
TATO	baz=204	0.48 286	P	Pg	21 46 12.2	+0.3
TATO	baz=289		S	Sg	21 46 18.3	+0.1
TAP	baz=289	0.48 294	P	Pg	21 46 11.3	-0.7
TAP	baz=298		S	Sg	21 46 19.0	+0.6
YMO1	baz=298	0.49 308	P	Pb	21 46 13.0	-0.4
YMO1	baz=313		S	Sg	21 46 19.1	+0.5
YMO1	baz=313		S	Sg	21 46 12.3	+0.1
NDT	baz=313	0.50 241	iP	Pg	21 46 13.0	-0.7
YMO8	baz=313	0.50 313	P	Pb	21 46 13.0	-0.7
YMO8	baz=318		eS	Sg	21 46 19.1	+0.2
BACT	baz=318	0.53 287	P	Pg	21 46 13.1	+0.4
BACT	baz=290		S	Sg	21 46 21.1	-0.6
ANP	baz=290	0.55 308	iP	Pb	21 46 13.8	-0.6
TWY	baz=313	0.56 320	iP	Pb	21 46 14.4	-0.2
NSM	baz=325	0.57 320	eP	Pb	21 46 16.2	-0.8
NSM	baz=324		S	Sg	21 46 22.9	-0.2
TWS1	baz=324	0.58 296	iP	Pb	21 46 14.8	-0.2
TWS1	baz=300		S	Sb	21 46 22.5	-0.9
NTST	baz=300	0.59 303	iP	Pb	21 46 15.1	+0.1
NTST	baz=306		eS	Sb	21 46 25.5	-1.4
YHNB	baz=306	0.59 253	P	Pg	21 46 13.6	-0.4
NSK	baz=253	0.60 254	iP	Pg	21 46 13.9	-0.3
NSK	baz=253		S	Sg	21 46 22.7	+0.5
NNS	baz=253	0.69 235	P	Pg	21 46 16.3	+0.3
NNS	baz=232		eS	Sg	21 46 28.2	+1.5
NNSB	baz=232	0.69 234	P	Pg	21 46 15.6	-0.4
NCU	baz=232	0.74 280	eP	Pb	21 46 18.1	+0.3
NCU	baz=281		S	Sb	21 46 28.2	+0.2
NCU	baz=281	0.75 280	eP	Pb	21 46 18.1	+0.4
NCU	baz=281		eS	Sb	21 46 28.8	+0.7
NACB	baz=281	0.76 209	P	Pg	21 46 17.1	-0.1
NACB	baz=206		eS	Sg	21 46 27.0	-0.2
ETL	baz=206	0.76 206	P	Pg	21 46 16.8	-0.4
ETL	baz=203		eS	Sg	21 46 26.6	-0.6
PCYT	baz=203	0.79 5	iP	Pb	21 46 19.0	+0.6
PCYT	baz=8.0		S	Sb	21 46 31.2	-0.6
ETLH	baz=8.0	0.79 216	P	Pg	21 46 17.7	-0.1
ETLH	baz=214		S	Sg	21 46 28.1	+0.1
NJD	baz=214	0.83 263	eP	Pb	21 46 19.7	+0.5
TWD	baz=263	0.84 206	P	Pg	21 46 18.8	0.0
TWD	baz=202		eS	Sg	21 46 29.1	-0.7
NHW	baz=202	0.88 281	P	Pb	21 46 20.1	+0.1
NHW	baz=282		S	Sb	21 46 32.4	+0.6
HSN1	baz=282	0.89 266	eP	Pb	21 46 21.7	+0.4
HSN1	baz=266		eS	Sb	21 46 34.3	0.0
FUSS	baz=266	0.91 229	P	Pg	21 46 19.6	-0.4
FUSS	baz=227		eS	Sg	21 46 31.0	-0.8
LIOB	baz=227	0.91 258	eP	Pb	21 46 22.2	+0.6
LIOB	baz=258		eS	Sb	21 46 35.3	+0.3
SBCB	baz=258	0.92 267	eP	Pb	21 46 22.9	+1.1
SBCB	baz=267		eS	Sb	21 46 35.5	+0.5
NSTT	baz=267	0.93 257	eP	Pb	21 46 20.9	0.0
NSTT	baz=257		eS	Sb	21 46 35.4	+0.1
JYNG	baz=257	0.95 114	P	Pb	21 46 21.9	-0.2
JYNG	baz=110		eS	Sb	21 46 35.1	-0.7
TDCB	baz=110	0.96 233	P	Pb	21 46 21.6	+0.1
TDCB	baz=231		eS	Sg	21 46 33.0	-0.7
WHF	baz=231	0.96 224	iP	Pg	21 46 20.7	-0.5
WHF	baz=222		S	Sg	21 46 33.7	+0.1
ETM	baz=222	0.99 208	P	Pg	21 46 21.4	-0.2
ETM	baz=205		eS	Sg	21 46 32.8	-1.6
YOJ	baz=205	1.00 112	P	Pb	21 46 22.7	-0.1
YOJ	baz=110		S	Sb	21 46 36.5	-0.6
YOJ	baz=110	1.00 112	P	Pb	21 46 22.5	+0.4
YOJ	baz=280		eS	Sb	21 46 36.1	+0.7
CHGB	baz=280	1.08 224	P	Pg	21 46 22.7	-0.7
CHGB	baz=222		S	Sg	21 46 38.0	+0.6

Table with columns: HSN, Hsinchu, 0.89 268 eP, Pn, 21 46 50.7 -0.5, etc. Lists various stations and their coordinates.

NNC 20 21:48:03.6:0.5, 47.76N-82.46E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=5.2km s-min=2.0km az=87.0

SOME 20 21:48:03.5, 47.90N-82.25E, h10km ISC 20 21:48:04.3:0.8, 47.80N-82.46E:0.04, h9km, n24, c245/33, 10C-6D, Kazakhstan-Xinjiang border region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists numerous stations and their details.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists numerous stations and their details.

Main table with columns: DZM, comp=Z, 3um, 25.4s, 19.36 145 P, Pn, 22 08 57.5 +0.2, etc. Lists various stations and their coordinates.

MW3.1,ML3.6(NAO). Confirmed Earthquake
KOLA 20 22:40:42.5, 75.98N-25.89E, h0km, ML2.8, Error ellipse:
s-maj=39.4km s-min=28.5km az=70.0, Barents Sea
ISC 20 22:40:39.7, 1.1, 76.08N, 0.03, 24.28E, 0.04, h13km, 8km,
n61, e28/101, mb3.5/6, 1C, Svalbard region

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

Table with columns: PRGR, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Permogore, Hagfors, HFS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DNK, SUMG, SCO, etc.

MOS 20 22:44:46.4, 1.1, 42.24N, 143.04E, h63km, mb4.1/2, Error ellipse:
s-maj=10.7km s-min=7.5km az=73.8
NEIC 20 22:44:48.3, 0.8, 42.24N, 143.1E, 0.1, h65km, 5km,
mb4.3/6, Error ellipse: s-maj=11.7km s-min=8.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JTHR, JEM, JER, etc.

Table with columns: SHO, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Shikotan, Kuril'sk, etc.

IDC 20 22:46:50.3, 1.3, 38.59N, 73.37E, h0km, mb3.7/6,
mb1.3/8.10, mb1mx3.6/6, mbtmp3.6/10, ML3.0/4, Error
ellipse: s-maj=27.3km s-min=20.2km az=114.0
SOME 20 22:46:52.5, 39.10N, 72.58E, h20km
KRNET 20 22:46:55.2, 0.1, 39.02N, 73.57E, h18km, mb3.6
NNC 20 22:46:59.3, 4.2, 39.23N, 73.10E, h0km, mb4.1, mpv3.7,
Error ellipse: s-maj=33.6km s-min=19.0km az=1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DRK, SFK, OHH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include DAV Davao City, KAPI Kappang, BATI Baumgarten, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, KSRS Korea Array, GTA Gaotai, SONMI Songo Array, ASAJ Asahikawa, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BVAR Borovoye Array, BRTR Keskin Array B, HFS Hagfors.

IDC 20:23:03.28.2.13.0.23:24S: 178.12W, h269km, 119km, mb3.3/5, mb1.3/5, mb1mx3.3/27, mbtmp3.9/5, Error ellipse: s-maj=53.2km s-min=36.2km az=57.0 NEIC 20:23:03.42.1.0.23:45S: 178.34W, 0.10, h398km, 15km, mb4.1/17, Error ellipse: s-maj=26.1km s-min=5.5km az=207.0

ISC 20:23:03.37.5.0.23:35S: 0.1-178.4W, 0.1, h500km, n28, o081/30, mb3.9/13, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include DZM Mont Dzumac, SANHU Saracouti, RAR Rarotonga, KHZ Kahurata, KHAZ Kahurata, CTAO Charters Tower, CTAO Charters Tower, STKA Stephens Creek, STKA Stephens Creek, COEN Coen, COEN Coen, PABS Pohnpel, BBOO Buckleboo, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WBR Warramunga Arr, WBR Warramunga Arr, WBR Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, FORT Forrest, KNRA Kununurra, KNRA Kununurra, FAKI Fak Fak, FAKI Fak Fak, VNSA Vanda, VNSA Vanda, PSA00 Pilbara Seism, PSA00 Pilbara Seism, ILAR Eielson Array, FINES FINES Array B, AKASG Malin Array B, BRTR Keskin Array B, CLL Colim.

NEIC 20:23:12:27.0.1.6.20:1S: 0.1-177.6W, 0.2, h464km, 8km, mb4.3/36, Error ellipse: s-maj=21.0km s-min=18.4km az=109.0 IDC 20:23:12:29.9.1.7.20:27S: 177.64W, h505km, 17km, mb3.4/10, mb1.3/8/12, mb1mx3.4/31, mbtmp4.3/12, Error ellipse: s-maj=19.6km s-min=13.0km az=142.0

ISC 20:23:12:29.7.0.5.20:06S: 0.008-177.73W, 0.09, h500km, n135, o1541/145, mb4.2/24, 24C-12D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include MSVF Nonnavu, MSVF Nonnavu, OZEM Ouen Island, OZEM Mont Dzumac, OZM Omahuta, OZM Omahuta, MSXZ Matakaoa Point, MXZ Matakaoa Point, WMGZ Waiomatatini S, HAZ Te Kaha, PKGZ Pakihiroa, PUGZ Puketiti, PUGZ Raukumara Rang, RUGZ Raukumara Rang, TWGZ Tauwhareparae, MWZ Matawai, URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera, CNGZ Carnah Station, TKGZ Te Karaka, RIGZ Rimuhau, BKZ Black Stump Fm, BKZ Black Stump Fm, TMVZ Te Maari, OTVZ Otutere.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include SNVZ South Nguarou, WNVZ Wahianoa, BHHZ Black Hill Sta, KAHZ Kahurapani, TSZ Takarari Road, BHZ Birch Farm, BFW Birch Farm, MSWZ Moikau Station, QNZ Quartz Range, NRZ Nelson, KHZ Kahurata, LTZ Lake Taylor, LTZ Lake Taylor, FOFZ Fox Glacier, FOFZ Fox Glacier, ODZ Otauhu Downs, ODZ Otauhu Downs, CTAO Charters Tower, CTAO Charters Tower, PATS Pohnpel, TOO Toolangi, COEN Coen, COEN Coen, BBOO Buckleboo, BBOO Buckleboo, WRO Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WBO Warramunga Arr, WBO Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, PSA00 Pilbara Seism, SBA Scott Base, VNSA Vanda, VNSA Vanda, MORW Morawa, MORW Morawa, PETK Petropavlovsk, NVAR Mina Array Bea, F10A Finch Ranch, F10A Finch Ranch, TRF Thorofare Moun, RND Reindeer, RND Reindeer, TXAR Lajitas Array, TXAR Lajitas Array, HDA Harding Lake, CCB Clear Creek Bu, MDM Murphy Dome, ILAR Eielson Array, PDAR Pinedale Array, PDAR Pinedale Array, CMAR Chiang Mai Arr, YKA Yellowknife Arr, ROSC El Rosal, ZALV Zalesovo Beam, MKAR Makara Array, KURK Kurchatov, KURBB Kurchatov, ARCES ARCES Array B, FINES FINES Array B, AKASG Malin Array B, SORM Soroca, PURM Purcari, MILM Milestii Mici, LEON Leovasa, VLDV Vladestii, TLOR Keskin Array B, BURAT Burakovina Array, GHRR Scanteiesti, GHRR Scanteiesti, JHRR Jurilovca, OFR Caraculii, TPR Tarpa, VRI Vrincoiaia, PLOI Plostina, PLOI Plostina, BMR Baia Mare, TRPA Tarpa, BISRR Bisoca, COVR Voineasa-Covas, OSTAS Ostas, CHVC Chivalec, CHVC Chivalec, CLL Colim, CLL Colim, CLL Colim, DANC Mangalia, DANC Mangalia, KRCL Kraklyk, KRCL Kraklyk, DOPR Dopca, ISR Istrita, MLRC Muntele Rosu, GRER Murcovina, SECRR Panska Vea, VOIR Pruhonice, PRU Pruhonice, VRAN Vranov, ARR Arges, PSZ Piszkesteto, KRUC Novy Kostel, KRUC Novy Kostel, KRUC Moravsky, KRUC Moravsky, DEVA Deva, KHC Kasperske Hory, KHC Kasperske Hory, CKRC Cesky Krumlov, CKRC Cesky Krumlov, GERES GERES Array B, GERES GERES Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include GERES, BZS Buzias, FRGS Fruska Gora, VTS Vitoshka, VTS Vitoshka, BNS Bovan, FOVA Florida, TORO Torodi Arr, ANF ANF, NEIC NEIC, PAS PAS, ISC ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include FMP Fort Macarthur, FMP Fort Macarthur, GVRG Garvey Reservo, CIS Catalina Island, CIS Catalina Island, MURC Murrieta, MURC Murrieta, RSBC Riverside Bore, RSBC Riverside Bore, PASADA Pasadena Art C, PASADA Pasadena Art C, PASADA Pasadena Art C, MWC Mount Wilson, MWC Mount Wilson, BFSC Baffin Island, BFSC Baffin Island, DECC Green Verdugo, DECC Green Verdugo, SCII San Clemente I, SCII San Clemente I, SCII San Clemente I, 109C Camp Elliot, M, 109C Camp Elliot, M, 109C Camp Elliot, M, 109C Camp Elliot, M, BBRC Big Bear Solar, BBRC Big Bear Solar, OSI Osito Audit, C, OSI Osito Audit, C, OSI Osito Audit, C, OSI Osito Audit, C, PFO Pinyon Flats, PFO Pinyon Flats, PFO Pinyon Flats, PFO Pinyon Flats, EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, TJX Tijuana, TJX Tijuana, SNCC San Nicolas Is, SNCC San Nicolas Is, MONP Monument Peak, MONP Monument Peak, RRX Edison Barstow, RRX Edison Barstow, RRX Edison Barstow, TKX Tecate, TKX Tecate, TKX Tecate, BELC Belle Mtn, Jos, BELC Belle Mtn, Jos, HEC Hector Ludlow, HEC Hector Ludlow, HEC Hector Ludlow, IKP In-Ko-Pah, IKP In-Ko-Pah, RMX La Rumorosa, RMX La Rumorosa, LRMC Laurel Mtn, LRMC Laurel Mt, SWSC Sam W. Stewart, SWSC Sam W. Stewart, GSC Goldstone, Bar, GSC Goldstone, Bar, GSC Goldstone, Bar, CCX Cicese, CCX Cicese, BC3 Big Chuckawall, BC3 Big Chuckawall, ISA Isabella, Lake, ISA Isabella, Lake, GMRC Granite Moun, GMRC Granite Moun, IRM Iron Mountain, IRM Iron Mountain, IRM Iron Mountain, TUQ Turquoise Moun, TUQ Turquoise Moun, MPMC Manual Propesc, MPMC Manual Propesc, MPMC Manual Propesc, QSM Queen of Sheba, QSM Queen of Sheba.

21d 0h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h m s, ISC. Includes stations like GLA Glamis, SHOC Shoshone, GWY Greenwater Val, NEE2 Needles Airpor, etc.

IDC 20 23:44:28.2-1.1, 107.74S:74.41W, h0km, mb3.4/4, mb1 3.8/9, mb1mx3.6/47, mbtmp3.6/9, ML3.6/5, MS2.4/1, Ms1 2.4/1, ms1mx2.2/25, Error ellipse: s-maj=27.5km s-min=19.5km az=17.0

ISC 20 23:44:33.2-0.8, 107.76S:0.09:74.39W, 0.07, h35km, n9, c130/11, mb3.5/4, Central Peru

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h m s, ISC. Includes stations like NNA Nana, NNA Nana, ATAH Athalupa, LPAZ La Paz, etc.

MDD 20 23:53:27.8-0.8, 36.72N:7.03W, h16km, 5km, mblg2.1/6, Error ellipse: s-maj=7.4km s-min=4.0km az=17.0, PRRXIMO CNRM 20 23:53:27.8, 36.40N:7.27W, h54km, m12.8, INMG 20 23:53:27.6-2.1, 36.64N:7.09W, h17km, 5km, ML1.8, Error ellipse: s-maj=6.0km s-min=3.7km az=41.0

IGIL 20 23:53:28.0, 36.64N:7.11W, h18km, ML1.8, SFS 20 23:53:38.0, 36.71N:7.00W, h48km, ML2.0, GOLFO DE CADIZ

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h m s, ISC. Includes stations like PBDV Barranco-do-Ve, PBDV Barranco-do-Ve, PVAQ Vaqueiros, etc.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h m s, ISC. Includes stations like PFVI Vila Bisbo, MESSJ Messejana, PBEJ Beja, etc.

INET 20 23:59:34.6, 12.55N:87.41W, h74km, MW3.6, Near coast of Nicaragua

KLM 21 00:08:06.3, 52N:117.67E, h12km, mb3.9, DJA 21 00:08:07.6-0.5, 4N:3:11'8E, h14km, 4km, M3.6/7, mb3.6/2, MLv3.7/7, Borneo

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h m s, ISC. Includes stations like SPMM Sapulut, MPISI Mapaga, ISK 21 00:20:50.9, 35:10N:29:98E, etc.

1016

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h m s, ISC. Includes stations like KSL KSL, AKAS Kas, AKUM Antalya-Kumluca, etc.

IDC 21 00:28:55.4-7.4, 8.02S: 129.16E, h165km, 7km, mb2.8/2, mb1 3.3/6, mb1mx2.9/55, mbtmp3.7/6, Error ellipse: s-maj=84.3km s-min=28.3km az=43.0

ISC 21 00:28:53.7-1.5, 8.05S:0.1:129.4E-0.2, h150km, n6, c235/7, Timor Sea

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

21d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C, and various station identifiers like JYRO, JOW, JYAK, etc.

ADC 21 02:11:44.2,0.9,9.84S:79.91W,h0km,mb4.29, mb1.4/2.14,mb1mx4.0/49,mbtmp4.2/14,ML3.7/5,MS3.8/8, Ms1.3.8/8,ms1mx3.5/37, Error ellipse: s-maj=20.6km s-min=14.2km az=67.0

NEIC 21 02:11:52.2,0.6,9.71S:0.08:79.5W:0.1,h39km,8km, mb4.3/14, Error ellipse: s-maj=17.4km s-min=10.7km az=69.0

VAO 21 02:11:56.8,0.5,9.45S:79.21W,h60km,mb4.6

ISC 21 02:11:51.2,0.6,9.71S:0.06:79.58W:0.09,h35km,n116, s=155/101,mb4.4/12,MS3.8/5, Off coast of northern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C, and various station identifiers like ATAH, ATAF, NNA, NNA, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C, and various station identifiers like PEXB, BDFB, SMTB, etc.

1018

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

IDC 21 03:01:27.7-0.7, 17.59N-94.32W, h138km, 12km, mb3.4/10, m=1, 3.7/12, mb1mx3.4/46, mbtmp3.8/12, Error ellipse: s-maj=35.4km s-min=14.7km az=50.0
NEIC 21 03:01:28.0-2.5, 17.70N-0.08-94.56W, h100km, 10km, mb4.0/45, M04.5/28(MEX), Error ellipse: s-maj=12.0km s-min=7.4km az=172.0
MEX 21 03:01:29.7-0.8, 17.50N-94.56W, h155km, 4km, MD4.5
ISC 21 03:01:28.4-0.6, 17.44N-0.04-94.56W, h107km, 5km, n119, s130/149, mb0.42/22, Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like UXUV, Matias Romero, Minatitlan, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JWELL, EROS, PDAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JTO, UWA, TAKAZAKI, etc.

21d 4h

Table with columns: Call Sign, Location, Frequency, Power, Mode, and Time. Includes stations like YUK3 Moose Creek, SKAG Skagway, BRSE Bradley Lake S, etc.

2015 DEC

Table with columns: Call Sign, Location, Frequency, Power, Mode, and Time. Includes stations like Q19K Cape Douglas, WRAK Wrangell Island, DFR Drift River, etc.

1022

Table with columns: Call Sign, Location, Frequency, Power, Mode, and Time. Includes stations like H11N1 WAKE ISLAND Hy 52.67 246, H11S1 WAKE ISLAND Hy 53.79 245, etc.

KLM 21 04:21:14.3:53N:117:69E, h8km, mb4.2
DJA 21 04:21:17.4:0.5, 4N:3:11E, h28km, 4km, M4.1/6, mb4.1/1, MLV4.0, Borneo

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like SPMM Sapulut, MPST Mapaga, SMKI Samarinda.

GUC 21 04:21:57.4:0.6, 31:56S:72:04W, h25km, 3km, ML3.7
ISC 21 04:21:54.6:1.6, 31:59S:03:72:11W, 0:10, h7km, 11km, n19, c0:75/32, 9C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like CO06 Fray Jorge, VA06 Catapilco, CO03 El Pedregal, etc.

IDC 21 04:29:47.3:1.3, 16:91S:64:74W, h0km, mb3.6/4, mb1.3/9.4, mb1mx3.6/20, mbtmp3.6/4, Error ellipse: s-maj=49.0km s-min=34.7km az=92.0

VAO 21 04:29:57.1:0.8, 16:72S:64:39W, h10km, mb4.0
ISC 21 04:29:53.2:1.0, 16:8S:0:1:64.88W:0:10, h35km, n14, c131:11, mb3.5/4, Central Bolivia

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like PTLB Pontes e Lacer, VILB Vilhena, SALV Santo Antonio, etc.

IDC 21 04:42:24.9:2.1, 19:99S:169:08E, h0km, mb4.1/4, mb1.4/4.5, mb1mx4.0/34, mbtmp4.1/5, ML4.0/1, MS3.5/10, ms1.3/10, ms1mx3.3/35, Error ellipse: s-maj=83.4km s-min=27.9km az=146.0

NOU 21 04:42:28.6:20:16S:168:94E, h3km, MLV4.6/13, Loyalty Islands
NEIC 21 04:42:33.6:1.7, 20:25S:0:0:5:168:81E:0:06, h39km, 9km, mb4.3/9, Error ellipse: s-maj=9.5km s-min=3.9km az=50.0

ISC 21 04:42:32.0:0.8, 20:22S:0:0:5:168:93E:0:07, h33km, 5km, h33km: p-P, n2, c2:06/70, mb4.0/4.8, MS3.5/8, 1D, Loyalty Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like MARNC Mare, Loyalty, MARNC Lifenc, RTV Lifout, etc.

ONTNC	Queen Toro	3.10 228	Pn	Pn	04 43 18.7 +0.1
ONTNC	Queen Toro	3.10 228	P	P	04 43 19.8 +1.1
KOUNC	Koumacc, New Ca	4.37 265	P	Pn	04 43 36.7 +0.6
SANVU	Sarautou	5.03 341	Pn	Pn	04 43 46.7 +1.5
MSVNF	Nonsavnu	8.98 75	LR	LR	04 47 14.1
MSVNF	Nonsavnu	8.98 75	Pn	Pn	04 44 41.8 +2.3
HNR	Honiarua	13.80 320	LR	LR	04 50 01.3
OUZ	Omahuta	15.49 166	P	P	04 46 13.9 +1.8
ARMA	Armidade	18.62 234	P	P	04 46 47.1 +0.2
URZ	Urewera	19.32 160	LR	LR	04 52 56.5
BKZ	Black Stump Fm	19.97 163	P	P	04 47 02.8 -0.6
CTAO	Charters Tower	21.29 266	P	P	04 47 17.8 +1.9
PMG	Port Moresby	23.60 294	LR	LR	04 55 17.8
STKA	Stephens Creek	27.09 239	LR	LR	04 58 46.2
WRA	Warramunga Arr	32.45 264	P	P	04 48 57.9 -1.6
WRA	Warramunga Arr	32.45 264	P	P	04 48 58.4 -1.1
AS31	Alice Springs	32.62 257	P	P	04 49 00.2 -0.8
ASAR	Alice Springs	32.62 257	P	P	04 49 00.2 -0.8
ASAR	Alice Springs	32.62 257	P	P	04 49 00.0 -0.9
TBI	Tubuai	38.67 102	eLR	LR	05 00 23.0
PPT2	Papeete	39.27 93	eLR	LR	05 00 18.1
PSA00	Pilbara Seismi	45.72 259	P	P	04 50 53.5 +3.1
VNDA	Vanda	57.44 182	LR	LR	05 12 33.4
ASAJ	Asahikawa	68.42 340	LR	LR	05 19 08.8
QSPA	South Pole Qui	69.83 190	P	P	04 53 37.5 -1.7
SHEM	Shemya Is, Ala	72.78 3	LR	LR	05 19 11.4
HHC	Hu-ho-hao-te	80.78 320	eP	Pmax	04 54 46.1 +3.7
HHC	Hu-ho-hao-te	80.78 320	eP	Pmax	04 54 46.1 +3.7
SONM	Songino Array	87.83 323	P	P	04 55 16.6 -1.5
SONM	Songino Array	87.83 323	P	P	04 55 26.3 -1.0
SONM	Songino Array	87.83 323	P	P	04 55 16.8 -1.3
SNA	Sanae	88.17 183	P	P	04 55 17.2 -2.1
VNA2	Neumayer Olymp	86.77 180	P	P	04 55 19.9 -2.2
VNA2	Neumayer-Watz	86.77 181	P	P	04 55 21.4 -2.1
VNA1	Neumayer-Stat	89.35 181	P	P	04 55 22.8 -2.0
NVAR	Mina Array Bea	89.87 49	P	P	04 55 23.3 -3.8
WMQ	Urumqi	97.67 314	eP	Pdf	04 56 07.0 +3.4
YKA	Yellowknife Ar	101.27 27	pP	pP	04 56 27.6 -3.0
ARCES	ARCES Array B	125.94 345	pPKP	pPKP	05 01 37.8 -2.0
GRUS	Gruba	144.54 319	eP	PKPab	05 02 01.1 -2.5
SELS	Selova	144.63 318	eP	PKPab	05 02 01.1 -2.9
DIVS	Divibare	144.88 320	eP	PKPab	05 02 02.7 -2.3
IVAS	Ivanjica	145.06 319	eP	PKPbc	05 02 03.3 -2.3
KHC	Kasperke Hory	145.06 331	eP	PKPbc	05 02 03.0 -2.4
GERES	GERES Array B	145.21 331	eP	PKPbc	05 02 03.3 -2.6
GERES	GERES Array B	145.21 331	eP	PKPbc	05 02 13.7 -1.4
GERES	GERES Array B	145.21 331	eP	PKPbc	05 02 03.6 -2.3
MOA	Molin	145.66 329	eP	PKPpdf	05 02 06.0 -1.0
MOA	Molin	145.66 329	eP	PKPpdf	05 02 15.3 -0.9
SOKA	Soboth	146.09 327	eP	PKPdf	05 02 05.9 -2.0
SOKA	Soboth	146.09 327	eP	PKPpdf	05 02 17.0 0.0
OBKA	Obir	146.45 327	eP	PKIKP	05 02 18.9 +6.1
KBA	Koelnbreinsper	146.65 329	eP	PKPpdf	05 02 07.9 -1.0
KBA	Koelnbreinsper	146.65 329	eP	PKPpdf	05 02 18.0 -0.1
MYKA	Terra Mystica	146.82 328	eP	PKIKP	05 02 17.8 +4.2
WATA	Walderalm	147.29 331	eP	PKPbc	05 02 11.6 -0.7
WATA	Walderalm	147.29 331	eP	PKPpdf	05 02 20.2 +1.1
WOTA	Wattenberg	147.32 331	eP	PKIKP	05 02 19.3 +4.6
MOTA	Mocsalm	147.50 331	eP	PKPpdf	05 02 10.8 +0.5
MOTA	Mocsalm	147.50 331	eP	PKPpdf	05 02 20.3 +0.8
RETA	Reutte	147.54 332	eP	PKIKP	05 02 20.4 +5.4
SQTA	Sankt Quirin	147.54 331	eP	PKPpdf	05 02 11.0 +0.7
SQTA	Sankt Quirin	147.54 331	eP	PKPpdf	05 02 20.7 +1.1
WLF	Walferdange	147.57 339	dpPKPbc	PKPbc	05 02 21.7 -0.3
FETA	Feichten	147.91 331	eP	PKPpdf	05 02 12.0 +1.0
FETA	Feichten	147.91 331	eP	PKPbc	05 02 22.1 -1.1
DAVA	Damuels	148.08 333	eP	PKPab	05 02 21.6 +4.4

NNC 21 04:43:13.1-7.7, 37.98N-73.53E, h0km, mb3.5, mpv3.1, 3C-3D, Error ellipse: s-maj=69.7km s-min=40.0km az=142.0, Tajikistan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
AAK	Ala-Archa	4.71	9	Op	04 44 37.5	+0.8
AAK	Ala-Archa	4.2nm, 0.7s		Pb	04 45 44.2	
TKM2	Tokmak 2	5.18	17	Op	04 44 50.6	-1.8
TKM2	Tokmak 2	1.2nm, 0.7s		Lg	04 45 57.6	
KK02	Karatay Array	5.61	37	Op	04 44 37.0	-0.8
KK02	Karatay Array	0.8nm, 0.3s, baz=152, slow=12		Lg	04 46 10.6	

IDC 21 04:46:41.3-1.1, 14.04N:121.42E, h0km, mb4.0/6, mb1 4.2/6, mb1mx3.8/41, mbtmt4.0/6, MS3.4/7, Ms1 3.4/7, ms1mx3.1/37, Error ellipse: s-maj=47.4km s-min=19.6km az=61.0

MAN 21 04:46:42.4, 14.10N:121.22E, h6km, mb5.0, ML3.9, MS4.0 NEIC 21 04:46:46.1-2.0, 14.1N:0.1x121.6E:0.2, h35km, 2km, mb0.4/10, Error ellipse: s-maj=36.8km s-min=3.0km az=230.0

ISC 21 04:46:42.6-1.2, 14.11N:0.04:121.23E:0.03, h6km, gkm, n36, e1943/37, mb4.1/12, MS3.5/6, 6C-3D, Luzon

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TGY	Tagaytay City	0.28	268	Op	04 46 49.4	+0.8
TGY	Tagaytay City	0.30	90	Op	04 46 55.1	-0.1
LOP	Lukban	0.30	90	Op	04 46 49.3	+0.6
LOP	Lukban	0.30	90	Op	04 46 54.9	+2.2
PGP	Puerto Galera	0.66	204	Op	04 46 54.8	-0.6
PGP	Puerto Galera	0.66	204	Op	04 47 04.5	-1.7
LUBP	Lubang	1.02	248	Op	04 47 01.7	-0.6
LUBP	Lubang	1.02	248	Op	04 47 16.9	+0.3
GQP	Guinayang	1.20	100	Op	04 47 05.4	-0.6

GOP	Jose Panganiba	1.44	83	Op	04 47 23.6	+1.0
JCNP	JCNP	1.44	83	Op	04 47 08.4	-1.8
JCNP	JCNP	1.44	83	Op	04 47 28.8	+0.4
PCPH	Palayan	1.45	35	Op	04 47 08.7	-1.3
PCPH	Palayan	1.45	35	Op	04 47 29.2	0.0
RCPH	Roxas	2.94	150	Op	04 47 39.9	0.0
APYP	Conner	3.73	0	Op	04 47 53.4	-0.8
DAV	Davao City (W)	8.20	148	LR	04 52 12.7	
SBUM	Sibu	14.61	218	P	04 50 18.6	+1.9
CM31	Chiang Mai Arr	21.82	284	P	04 51 39.0	+3.1
CMAR	Chiang Mai Arr	21.82	284	P	04 51 37.7	+1.8
CMAR	Chiang Mai Arr	21.82	284	P	04 59 25.2	
CMAR	Chiang Mai Arr	21.82	284	P	04 51 37.3	+1.4
KSR5	Korea Arr	24.00	13	LR	05 01 18.9	
MANU	Manus Island	30.48	120	P	04 52 51.3	-5.4
SONM	Songino Array	35.81	343	P	04 53 43.4	+0.4
SONM	Songino Array	35.81	343	P	05 08 45.9	
SONM	Songino Array	35.81	343	P	04 53 43.5	+0.5
WB0	Warramunga Arr	36.08	159	P	04 53 43.5	-1.9
WB0	Warramunga Arr	36.08	159	P	04 53 43.8	
WRA	Warramunga Arr	36.22	159	P	04 53 44.4	-2.2
WRA	Warramunga Arr	36.22	159	P	04 53 43.0	-3.6
WB2	Warramunga Arr	36.22	159	P	04 53 44.6	-2.0
WB2	Warramunga Arr	36.22	159	P	04 53 45.6	
ASAR	Alice Springs	39.54	162	P	04 54 13.4	-1.3
ASAR	Alice Springs	39.54	162	P	04 54 13.1	-1.6
MK31	Makanchi Array	46.01	323	P	04 55 08.2	+1.2
MK31	Makanchi Array	46.01	323	P	04 55 10.2	
MKAR	Makanchi Array	46.01	323	P	04 55 07.7	-0.3
MKAR	Makanchi Array	46.01	323	P	04 55 19.2	+0.2
NIL	Nilore	47.51	303	P	04 55 20.2	
AAK	Ala-Archa	49.14	315	LR	05 17 00.7	
STKA	Stephens Creek	49.73	157	LR	05 21 23.0	
KURK	Kurchatov	50.13	326	P	04 55 38.7	-0.1
KURK	Kurchatov	50.13	326	P	04 55 41.7	
GAR	Garm	51.06	309	P	04 55 46.4	+0.3
KKAR	Karatay Array	52.05	314	P	04 55 53.4	0.0
ABKAR	Abkar array	60.76	319	P	04 56 55.0	-0.3
NOA	NOARS Array B	87.13	333	LR	04 52 57.2	
YKA	Yellowknife Ar	92.20	23	P	04 59 53.1	-0.1

TAP 21 04:51:30.4, 24.40N: 121.96E, h20km, ML3.3, B JMA 21 04:51:30.0, 24.34N: 121.96E, h24km, 2km, M2.6 ISC 21 04:51:29.9-0.9, 24.328N:0.02:122.01E:0.02, h17km, 6km, n103, e0949/143, 2C-12, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
EWUT	Wuta	0.22	287	Op	04 51 35.3	-0.1
EWUT	Wuta	0.22	287	Op	04 51 38.7	-0.4
ENA	Nanau	0.25	281	Op	04 51 35.6	+0.2
ENA	Nanau	0.25	281	Op	04 51 39.3	+0.1
EHP	Heping Village	0.25	254	Op	04 51 35.7	+0.2
EHP	Heping Village	0.25	254	Op	04 51 39.9	-0.2
TWC	Suao	0.27	328	Op	04 51 36.1	-0.2
TWC	Suao	0.27	328	Op	04 51 39.5	-0.4
NDS	Dongshan	0.36	314	Op	04 51 37.7	+0.2
NDS	Dongshan	0.36	314	Op	04 51 42.5	-0.1
ETL	Fue Village	0.41	238	Op	04 51 38.5	+0.2
ETL	Fue Village	0.41	238	Op	04 51 44.9	+0.2
NACB	Ninganchiao	0.43	241	Op	04 51 38.4	-0.1
ILAN	Ilan	0.45	329	Op	04 51 39.6	+0.3
ILAN	Ilan	0.45	329	Op	04 51 45.7	-0.1
TWE	Neicheng	0.46	318	Op	04 51 39.4	-0.1
ENTT	Nioudou	0.48	303	Op	04 51 39.7	-0.1
ENTT	Nioudou	0.48	303	Op	04 51 45.7	-0.3
TWD	Chiawan	0.48	231	Op	04 51 40.9	+1.1
NTC	Toucheng	0.50	341	Op	04 51 40.4	+0.4
NTD	Datong Townshi	0.50	296	Op	04 51 40.3	+0.1
NDT	Datong	0.51	250	Op	04 51 46.2	-0.4
ETHL	Xiulin Townshi	0.51	250	Op	04 51 40.0	0.0
ETHL	Xiulin Townshi	0.51	250	Op	04 51 47.7	+0.2
HWA	Hwen	0.54	222	Op	04 51 42.0	-0.8
NNSB	Datong	0.57	275	Op	04 51 41.2	0.0
NNSB	Datong	0.57	275	Op	04 51 48.6	-0.3
NNS	Nan Shan	0.58	276	Op	04 51 41.4	-0.1
NNS	Nan Shan	0.58	276	Op	04 51 48.2	-1.0
NWLT	Wulai	0.60	311	Op	04 51 42.1	+0.1
NWLT	Wulai	0.60	311	Op	04 51 49.5	-0.4
TIPB	Shuangxi	0.61	344	Op	04 51 42.5	+0.3
TIPB	Shuangxi	0.61	344	Op	04 51 49.9	-0.3
ETM	Tongmen	0.62	229	Op	04 51 42.3	+0.1
TWB1	Santiao Chiao	0.63	359	Op	04 51 42.8	+0.5
TWB1	Santiao Chiao	0.63	359	Op	04 51 50.8	0.0
TEYL	Yanliu Villag	0.63	216	Op	04 51 43.0	+0.7
YHNB	Yeheng	0.64	297	Op	04 51 42.7	0.0
YHNB	Yeheng	0.64	297	Op	04 51 50.1	-1.1
NSK	Sanguang	0.66	297	Op	04 51 42.9	-0.1
NSK	Sanguang	0.66	297	Op	04 51 51.0	-0.7
FUSS	Fushou	0.71	259	Op	04 51 44.0	+0.2
FUSS	Fushou	0.71	259	Op	04 51 53.8	+0.3
TWA	Mucha	0.71	327	Op	04 51 44.1	+0.3
TWA	Mucha	0.71	327	Op	04 51 53.1	-0.2
WHF	Hehuan Shan	0.72	251	Op	04 51 43.9	-0.1
WHF	Hehuan Shan	0.72	251	Op	04 51 54.0	+0.1

baz=255	Wu-fen Shan	0.72	
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21d 8h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Yanaizu, Matsushiro Arr, WAKE ISLAND Hy, etc.

ICD 21 08:09:42.1±1.6, 16.47N, 120.73E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.350, mbtmp3.9/4, Error ellipse: s-maj=192.9km s-min=27.0km az=73.0, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONGINGO ARR, FITZROY CROSSI, WARRAMUNGA ARR, ASAR ALICE SPRINGS.

THE 21 08:20:53.7, 38.45N-20.45E, h10km, 1km, ML2.5/8, Error ellipse: s-maj=1.4km s-min=0.4km az=105.0

ATH 21 08:20:53.7, 38.46N-20.46E, h14km, 1km, ML2.3/14, Error ellipse: s-maj=1.9km s-min=0.6km az=284.0

ISC 21 08:20:52.1±0.9, 38.47N-20.02±0.37E, h18km, 2km, n44, c1547/75, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FSKARDO, KEF4, DRAGO-LEFKAD, VALSAMATA, NYDRI-LEFKADA, etc.

2015 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DROSSIA, EPFALIO, ANO CHORA, LAKKA, etc.

SOME 21 08:29:11.4, 41.10N, 71.48E, h0km KRNET 21 08:29:12.9±0.1, 41.05N, 71.58E, h13km, mb2.4 NNC 21 08:29:18.2±3.5, 41.34N, 71.56E, h10km, 24km, mb3.5, mbp3.0, Error ellipse: s-maj=29km s-min=11.6km az=3.0

ISC 21 08:29:12.8±1.2, 41.06N, 71.51E, h0km, 11km, n25, c1539/46, 26C-8D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TRKS TEREK-SAY, ARK ARKIT, OHH OSH, BATKEN, IUG LUZHNOY, etc.

1028

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGDS, TKM2, DGS, KST.

MAN 21 08:33:44.3, 15.48N-119.71E, h17km, mb4.3, ML3.1, MS2.9, Luzon

INET 21 08:38:41.3, 12.86N-88.58W, h15km, MW3.5 UCR 21 08:38:42.0±0.8, 12.96N-88.60W, h58km, 7km, ML3.9 SNET 21 08:38:42.0±0.8, 12.96N-88.60W, h58km, 7km, ML3.9 ISC 21 08:38:41.5±2.3, 12.9N-01-88.61W-0.05, h54km, 18km, n58, c0525/72, 3-15D, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ALJI ALCALDA DE J, COEB COMIT DE EME, LACY LACY, PACA PACAYAL, etc.

ICD 21 08:47:34.5±2.4, 42.08N, 119.93W, h0km, mb2.5/1, mb1 3.1/3, mb1mx3.1/47, mbtmp2.7/3, ML3.2/2, Error ellipse: s-maj=30.1km s-min=14.8km az=107.0

REN 21 08:47:35.1±2.1, 41.38N, 0.04±1.19W, h0.07, h10km, 7km, ML3.5/5, ML3.3/82(NEIC), Error ellipse: s-maj=7.3km s-min=5.8km az=59.0 ANF 21 08:47:35.8±0.5, 41.88N-119.62W, h10km, ML3.6/12,

Error ellipse: s-maj=4.7km s-min=3.3km az=109.0
NEIC 21 08:47:36.02,3,41.88N,0104.119,64W,0.07, h12km,7km,
Error ellipse: s-maj=7.3km s-min=5.9km az=64.0
ISC 21 08:47:35.21,2,41.88N,0103.119,63W,0.03, h3km,12km,
n71, c152/82, Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations including Modoc Plateau, Wild Horse Val, Summer Lake, etc.

Table with columns: BGU, IAML, Time, Res, h, m, s, ISC. Lists stations like comp=N,18nm,1.2s, comp=E,26nm,2.4s, etc.

SOF 21 08:56:13.0,41.79N,22.67E, h11km, MD2.5
SKO 21 08:56:13.9,41.77N,22.77E, h21km
ATH 21 08:56:14.9,41.77N,22.78E, h6km,2km, ML2,3/11
BEO 21 08:56:14.9,41.78N,22.75E, h10km,4km, ML2,3/4, Error ellipse: s-maj=5.3km s-min=2.1km az=151.0
THE 21 08:56:15.9,41.71N,22.79E, h6km,1km, ML2,2/6, Error ellipse: s-maj=1.6km s-min=0.9km az=173.0
ISC 21 08:56:14.6,1,0,41.78N,0102.22,76E,0.02, h9km,9km, n43, c053/72, 1C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KKB Krupnik, VAY Valadovo, VAY Valadovo, etc.

ISC 21 08:57:22.3,99.0,46.42N,69.73E, h0km, Error ellipse: s-maj=1267.0km s-min=241.2km az=55.0, Central Kazakhstan
Code Station Name Az Az' Phase ID Op ISC Time Res h m s ISC
I46RU ZALESOVO INFRA12.75 48 i 10 17 00.0
I34MM SONGLO INFRA5.25 48 i 11 35 20.0
I45RU USSURIYSK INFRA 43.69 i 13 20 20.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like PALK Pallekele, H0BS3 Diego Garcia H, H0BS2 Diego Garcia H, etc.

ISC 21 09:03:57.2,1,4,2.7N,02.89E,0.02, h10km, n14, c0868/7, mb4.05, North Indian Ocean
IDC 21 09:08:49.3,0.7,20.38S,173.90W, h0km, mb4.4/14, mb1.4,6/17, mb1mx3.5/2.7, mbtmp4.4/17, ML4.6/3, MS4.0/16, Ms1.0/0.16, ms1mx3.8/3.1, Error ellipse: s-maj=27.7km s-min=14.8km az=144.0
NOU 21 09:08:52.7,20.17S,173.33W, h61km, mb4.9/20, Tonga Islands
NEIC 21 09:08:55.3,2.5,20.53S,0101.173,8W,0.1, h38km,6km, mb4.855, Error ellipse: s-maj=15.8km s-min=11.6km az=135.0
ISC 21 09:08:53.0,1.5,20.53S,0107.173,78W,0.08, h27km, n134, c151/115, mb4.8/40, MS4.0/16, 9C-4D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like NIUE Niue, AFI Afiamalu, MSVF Nonsavu, RAO Raoul Island, etc.

21d 11h

Table with columns: MCH1, Michaelchurch, 7.68 235 eP, Pn, 10 32 56.0 +3.1, 10 34 21.4, comp=E,3.7nm,0.5s IAML, etc.

RSNC 21 10:50:41.8-1.2, 6.84N-73.17W, h148km, 5km, ML2.9, Mw3.5, 2C-2D, Northern Colombia. Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC.

2015 DEC

Table with columns: ANIL, Santa Ana, 3.22 224 eP, Pn, 10 51 33.0 +0.7, 10 52 11.4 +0.2, comp=Z,1.14nm,0.3s, etc.

SOME 21 10:53:45.5, 38.95N-73.47E, h15km NNC 21 10:53:50.4, 2.5, 39.19N-73.51E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=19.0km s-min=11.5km az=174.0

ISC 21 10:53:51.4-2.7, 39.1N-0.1-73.42E, 0.05, h10km, n19, s197/28, 5C-1D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AAK, MRKS, IUG, TCM2, KST, etc.

UCR 21 11:06:11.1, 0.7, 13.04N-89.07W, h51km, 7km, ML3.7 SNET 21 11:06:11.0, 0.7, 13.05N-89.07W, h51km, 6km, ML3.6

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

1034

Table with columns: JAYA, comp=Z,6.0m,0.2s IAML, 11 06 38.2, LFU, La Fuente, 0.76 358 iP, Pn, 11 06 25.2 -0.3, etc.

Table with columns: NUBE, Las Nubes, 1.13 324 iP, Pn, 11 06 30.4 -0.3, LCND, La Caada, 1.21 75jP, Pn, 11 06 31.0 -0.7, etc.

IDC 21 11:12:12.7, 99.0, 50.45N-52.49E, h0km, Error ellipse: s-maj=518.0km s-min=84.5km az=87.0, Western Kazakhstan

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

NNC 21 11:20:03.2, 2.0, 48.67N-78.18E, h0km, mb2.5, mpv2.1, Error ellipse: s-maj=26.4km s-min=4.8km az=67.0, Suspected Mining explosion.

IDC 21 11:20:03.5, 3.7, 48.78N-78.18E, h0km, mb1 2.4/2, mb1mx2.0/74, mbmp2.4/2, ML2.0/2, Error ellipse: s-maj=52.4km s-min=11.4km az=70.0

ISC 21 11:19:54.9, 6.48, 5N-02.77, 6E, 0.5, h0km, n7, c0646/7, 3C-3D, Eastern Kazakhstan

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

TUL 21 11:20:10.9, 1.0, 36.22N-0.01, 97.36W, 0.02, h6km, 6km, ML2.7, mb, Lg2.5/8(NEIC), Error ellipse: s-maj=1.9km s-min=1.6km az=72.0

NEIC 21 11:20:10.8, 0.8, 36.22N-0.01, 97.37W, 0.01, h3km, 6km, Oklahoma Error ellipse: s-maj=1.8km s-min=1.6km az=52.0,

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OK033, OK034, QUOK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like W32A Winter Ranch, W34A Smith Ranch, W35A Wichita Mount, etc.

IDC 21 11:25:00.92.4, 4.45N, 123.31E, h520km, 28km, mb3.1/7, mb1 3.2/7, mb1mx2.7/64, mbtmp4.0/7, Error ellipse: s-maj=79.6km s-min=12.4km az=66.0

NEIC 21 11:25:01.0.0.7, 4.5N, 123.4E, h520km, 9km, mb4.1/13, Error ellipse: s-maj=26.8km s-min=2.0km az=68.0

ISC 21 11:25:00.1.0.6, 4.55N, 0.10, 123.4E, 0.2, h512km, m28, c=0.683/31, mb3.9/13, Celebes Sea

Main table for 1035 section, listing stations like TOL12 Tolitoli, FAKI Fak Fak, KNRA Kununura, FITZ Fitzroy Crossi, WBO Warramunga Arr, WRA Warramunga Arr, etc.

ISN 21 11:32:14.6.0.5, 32.75N, 47.17E, h15km, 3km, ML3.2

TEH 21 11:32:15.5, 32.78N, 47.19E, h14km, ML3.5

ISC 21 11:32:15.7.1.0, 32.75N, 0.04, 47.13E, 0.03, h10km, n30, c=0.80/31, Iran-Iraq border region

Main table for 1035 section, listing stations like DHL1 Dehloran, IKFM Kafar-mosalman, IDOR Badra, IDBR Badra, RAFI Al-Rafai, etc.

IDC 21 11:32:29.6.2.2, 7.32N, 7.51E, h0km, mb1 3.6/5, mb1mx3.3/56, mbtmp3.6/5, ML2.9/5, Error ellipse:

s-maj=30.2km s-min=17.3km az=78.0
NAO 21 11:32:30.9.1.8, 73.44N, 8.00E, ML3.0
BER 21 11:32:34.5.3.2, 7.352N, 7.88E, h22km, 36km, ML2.0, ML3.0(NAO), Confirmed Earthquake

ISC 21 11:32:29.6.1.0, 7.353N, 0.05, 7.99E, 0.08, h10km, n43, c=2.15/51, Greenland Sea

Table for 2015 DEC section, listing stations like BJO1 Bjornoya, HSPB Hornsund (broa), BRBA Barentsburg A, etc.

KBS Kingsbay, KBS Kingsbay, KBS Kingsbay, KBS Kingsbay

JETT Jettan, Norway, HAMFER Hammerfest, HAMFER Hammerfest

LOF Lotofoten, LOF Lotofoten, STEI Steigen

KIF Kilpisjärvi, KIF Kilpisjärvi, KTK1 Kautokoine, KTK1 Kautokoine

ARA0 ARCESS Array B, ARA0 ARCESS Array B, ARA0 ARCESS Array B

ARCES ARCESS Array B, ARCES ARCESS Array B, KEV Kevo, HEF Hetta, NBB40 Tonnes

KONS Konsvik, KONS Konsvik, STOK Skokkavagn, NSS Namsos

SCO Scoresbysund, APA0 Apaitiy Array B, APA0 Apaitiy Array B

NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Array B

NRA0 NORSAR Array S, NRA0 NORSAR Array S, NRA0 NORSAR Array S

HFS Hagfors, HFS Hagfors, HFS Hagfors

FIAO FINESSE Array S, FIAO FINESSE Array S, FIAO FINESSE Array S

FINES FINESSE Array B, FINES FINESSE Array B, FINES FINESSE Array B

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

ISC 21 11:34:32.3.1.5, 4.19S, 129.38E, h0km, mb4.0/1, mb1 1.4/4, mb1mx2.4/42, mbtmp3.8/4, ML3.4/5, MS2.8/2

NOU 21 12:37:12.5, 18:05S, 174:71W, h22km, MLV5.5/76, Tonga Islands

NEIC 21 12:37:12.3.1.7, 18:25S, 0.1, 174:91W, 0.08, h198km, 3km, mb5.0/62, Error ellipse: s-maj=17.2km s-min=10.9km az=186.0

IDC 21 12:37:13.7.0.6, 18:21S, 175:01W, h214km, 5km, mb4.5/32, mb1 4.5/35, mb1mx4.3/47, mbtmp5.0/35, Error ellipse: s-maj=10.8km s-min=8.0km az=152.0

GCMT 21 12:37:16.3.0.4, 18:27S, 0.03, 174:78W, 0.03, h242km, 4km, MW5.1/66, Moment Tensor Solution

s20,c21; s66,c79; Duration: 0. Moment tensor: Scale 4.016Nm; Mw=1.016; Mw4=48.35; Mw3=3.47; Mw0=4.1; Mw0.72=19; Mw=3.80; 16; Best double couple: M5.42100, 1016; NP1=304.00000; 865.00000; lambda=28.00000; NP2=304.00000; 866.00000; Azm355.00000; N 1.7510; Plg54.00000; Azm87.00000; P -6.2970; Plg36.00000; Azm265.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 12:37:13.7.0.6, 18:24S, 0.06, 174:90W, 0.05, h218km, 4km, h219km, P=0.9497, c=1905/505, mb5.0/112, 34C-35D, Tonga Islands

Code Station Name Azimuth Phase ID Time Res. Includes stations like NIUE Niue, NIUE Niue, NIUE Niue, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like NIUE Niue, NIUE Niue, NIUE Niue, etc.

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Code Station Name Azimuth Phase ID Time Res. Includes stations like NIUE Niue, NIUE Niue, NIUE Niue, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like NIUE Niue, NIUE Niue, NIUE Niue, etc.

21d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CNB Canberra Magne, CTA Charters Tower, and various Warramunga Arr stations.

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like VVDA Vanda, VVDA Vanda, and various Warramunga Arr stations.

1036

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDSI Maura Tuga, U15A North Rim, and various Warramunga Arr stations.

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Gold Mountain, Green Mountain, Liberty, etc.

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Chrisman Ranch, Pentiction, Watts Point, etc.

IDC 21 12:59:47.8,3.4,7.87N,126.36E,h0km,mb3.5/4, mb1 3.6/4,mb1mx3.4/41,mbtmp3.5/4, Error ellipse: s-maj=352.2km s-min=13.9km az=67.0

MAN 21 12:59:48.2,7.96N,127.15E,h2km,mb4.7,ML3.6 MS3.6

ISC 21 12:59:48.1,1.4,8.2N,102.127.17E,0.08,h10km,n6, a=121.8,mb3.6/4,2C,Philippine Islands region

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Bislig, Musuan, Warramunga Arr, etc.

SNET 21 13:06:08.4,0.6,13.66N,89.75W,h89km,2km,ML3.3

GCG 21 13:06:09.3,0.4,13.69N,89.79W,h104km,14km,MD3.5

ISC 21 13:06:10.6,1.8,13.6N,101.89,71W,0.06,h78km,10km,

n19,c090/28,1D,El Salvador

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Cerro Verde, San Blas, etc.

comp=Z,3um,0.3s

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like JAYA, El Retiro, etc.

LFU La Fuente, LFRS El Faro, SJTE Alcaldia de S, etc.

comp=Z,324nm,0.7s

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like PAVA, MTO3, etc.

EAF 21 13:32:09.8,2.4,26.03S,28.92E,h0km,48km,MD4.6

BUL 21 13:32:09.8,2.4,26.03S,28.92E,h0km,48km,MD5.1,2C,

South Africa

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

TAP 21 13:52:11.3,24.41'N,122.95E,h69km,ML2.7,C

JMA 21 13:52:11.6,0.1,24.45N,122.95E,h69km,1km,ML1.8

ISC 21 13:52:12.3,1.3,24.36N,100.5122.94E,0.02,h63km,7km,

n64,c072/107,Taiwan region

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Yonagunijimaku, Yonaguni jima, etc.

NDS Dongshan, TIPB Shuangxi, etc.

TWE Neicheng, ETL Fush Village, etc.

ETL, NACB Ninganchiao, TWD Chiawan, etc.

JISG Ishigakijimahi, ENTT Nioudou, etc.

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Datong Townshi, Yeheng, etc.

ISC 21 14:11:03.5,8.1,0.30N,129.66E,h0km,mb3.6/3,

mb1 3.8/3,mb1mx3.1/36,mbtmp3.7/3,MS2.9/2,Ms1 2.9/2,

ms1mx2.4/34, Error ellipse: s-maj=129.8km s-min=43.1km

az=6.0

ISC 21 14:11:04.1,5.7,0.5N,129.9E,0.4,h10km,n7,c082/7,

Halmahera

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

ISC 21 14:11:03.5,8.1,0.30N,129.66E,h0km,mb3.6/3,

mb1 3.8/3,mb1mx3.1/36,mbtmp3.7/3,MS2.9/2,Ms1 2.9/2,

ms1mx2.4/34, Error ellipse: s-maj=129.8km s-min=43.1km

az=6.0

ISC 21 14:11:04.1,5.7,0.5N,129.9E,0.4,h10km,n7,c082/7,

Halmahera

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

ISC 21 14:11:03.5,8.1,0.30N,129.66E,h0km,mb3.6/3,

mb1 3.8/3,mb1mx3.1/36,mbtmp3.7/3,MS2.9/2,Ms1 2.9/2,

ms1mx2.4/34, Error ellipse: s-maj=129.8km s-min=43.1km

az=6.0

ISC 21 14:11:04.1,5.7,0.5N,129.9E,0.4,h10km,n7,c082/7,

Halmahera

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

ISC 21 14:11:03.5,8.1,0.30N,129.66E,h0km,mb3.6/3,

mb1 3.8/3,mb1mx3.1/36,mbtmp3.7/3,MS2.9/2,Ms1 2.9/2,

ms1mx2.4/34, Error ellipse: s-maj=129.8km s-min=43.1km

az=6.0

ISC 21 14:11:04.1,5.7,0.5N,129.9E,0.4,h10km,n7,c082/7,

Halmahera

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

ISC 21 14:11:03.5,8.1,0.30N,129.66E,h0km,mb3.6/3,

mb1 3.8/3,mb1mx3.1/36,mbtmp3.7/3,MS2.9/2,Ms1 2.9/2,

ms1mx2.4/34, Error ellipse: s-maj=129.8km s-min=43.1km

az=6.0

ISC 21 14:11:04.1,5.7,0.5N,129.9E,0.4,h10km,n7,c082/7,

Halmahera

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

ISC 21 14:11:03.5,8.1,0.30N,129.66E,h0km,mb3.6/3,

mb1 3.8/3,mb1mx3.1/36,mbtmp3.7/3,MS2.9/2,Ms1 2.9/2,

ms1mx2.4/34, Error ellipse: s-maj=129.8km s-min=43.1km

az=6.0

1039

ASAR comp=Z,36nm,18.0s,baz=12,slow=42
STKA Stephens Creek 34.03 162 P

DJA 21 14:11:17.3:2.2,0'S,6'13'O E, h31km,36km,M3.8/7,
MLV3.8/7
IDC 21 14:11:19.8:1.1,0.32S:129.78E,h0km,mb4.0/5,

IDC 21 14:21:47.3:999.0,50'49N:55'93E,h0km,Error ellipse:
s-maj=594.7km s-min=34.6km az=92.0, Western

NEIC 21 14:30:54.1:0.7,37'01N:0'04:97.56W,0'02,h6km,6km,
mb_Lg2.5/4,ML2.6/21,Error ellipse: s-maj=5.5km

NEIC 21 14:30:54.0:0.6,36.98N:0'03:97.54W,0'02,h4km,5km,
Error ellipse: s-maj=4.8km s-min=1.7km az=201.0,

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like KAN13 South Haven SW, KAN09 Caldwell North, etc.

DJA 21 15:02:12.1:0.9,8'S,3'10'E, h18km,7km,M4.0/13,
mb4.4/1,MLV3.8/13,Jawa

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like CNJI Cibinong, CMJI Cimerak, etc.

EAF 21 15:19:18.5:2.7,24'76S:23'81E,h0km,121km,MD4.4
BUL 21 15:19:18.5:2.7,24'76S:23'81E,h0km,121km,MD4.9,

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like LBTB Lobatse, BOSA Boshof, etc.

TUL 21 15:25:38.7:1.0,36'69S:0'10:97.99W,0'02,h7km,3km,
ML2.8,ML2.5/52(NEIC),Error ellipse: s-maj=2.5km

NEIC 21 15:25:38.6:0.6,36.69N:0'10:97.99W,0'01,h11km,3km,
Error ellipse: s-maj=1.8km s-min=1.5km az=171.0,

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like LBTB Lobatse, BOSA Boshof, etc.

2015 DEC

CROK Carrier 0.19 178 Pg Pg 15 25 42.8 +0.1

GC02 Grant County # 0.19 33 Pg Pg 15 25 42.9 +0.1
GC032 Salt Plains WL 0.21 302 IAML IAML 15 25 43.2 +0.1

KAN14 Manchester OK 0.27 5 IAML Pg 15 25 44.3 +0.2
KAN17 Caldwell West 0.40 27 IAML Pg 15 25 45.6 +0.1

UJ2A Winter Ranch, OK029 Liberty Lake 0.87 249 Pg Pg 15 25 55.1 -0.4
OK033 Mehan 1.07 127 Pg Pg 15 25 58.8 -0.3

KRNET 21 15:32:03.1:0.1,40'11N:78'29E,mb3.1
SOME 21 15:32:03.6,40'12N:77'77E,h5km

ISC 21 15:31:58.7:2.9,40'00N:0'1:77.75E,0.05,h2km,18km,n46,
r120/70,20C-9D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like TARG Taragay, Kyrgy, KDJ Kajisay, etc.

14nm,0.3s eS Sg 15 33 44.7 0.0

KOTS 74nm,0.3s 3.30 352 Pg Pg 15 33 02.5 +0.6
KOTS 14nm,0.3s Lg Lg 15 33 04.4

KAN13 30nm,0.6s 3.30 350 flPg Pg 15 33 02.3 +0.4
KANDC Almaty 9.3nm,0.2s flLg Lg 15 33 45.7

UJ2A Winter Ranch, OK029 Liberty Lake 0.87 249 Pg Pg 15 25 55.1 -0.4
OK033 Mehan 1.07 127 Pg Pg 15 25 58.8 -0.3

FUNV 21 15:39:18.3,8'60N:71'54W,h5km,MW3.0
ISC 21 15:39:17.6:1.2,8.53N:0'03:71'43W,0'03,h2km,11km,

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like VIGV El Vigia, SIVG Socops, etc.

TAP 21 15:40:46.0,23'47N:121'49E,h27km,ML3.4,C
JMA 21 15:40:45.0,23'43N:121'54E,h24km,1km,M2.9

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like ECBN Changbin, HGSD Ruisui, etc.

21d 15h

Table with columns: YULB, Yu-li, 0.34 263 P, Pb, 15 40 51.8 -0.7, CHY, baz=273, eS, Sb, 15 41 19.1 -0.9, etc.

2015 DEC

Table with columns: CHY, baz=273, eS, Sb, 15 41 19.1 -0.9, TCU, Taichung, 1.15 309 eP, Pn, 15 41 05.2 +0.8, etc.

1040

Table with columns: JYT, Yasato, 1.88 215, Pn, 15 44 28.6 -0.4, JSD, Sado, 2.60 277, Pn, 15 44 37.6 -1.2, etc.

04.45952°E, 80.64052°S, A-121.77612° Principal axes: T Plg28.5628°, Azm119.5445°S, N Plg31.3048° Azm10.2121°; P Plg45.0816°; Azm242.6327°; New

Table with columns: Code, Station Name, Azimuth (A), Altitude (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like KRVT Keravat (AS076), RABL Rabaul, MANU Manus Island, etc.

Table with columns: Station Name, Azimuth (A), Altitude (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like ASAR comp=Z,5.4nm,0.5s,baz=52,slow=14,SNR=3.1, ASAR comp=Z,7.12nm,18.6s,baz=33,slow=60, etc.

Table with columns: Station Name, Azimuth (A), Altitude (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like JOW Kunigami, JOW Kunigami, MEEK Meekatharra, etc.

21d 15h

Table with columns for station name, frequency, and signal strength. Includes stations like SSE Sheshan, CGJI Cibinong, JTM Tenmabayashi, etc.

2015 DEC

Table with columns for station name, frequency, and signal strength. Includes stations like KULM Kulim, MNSI Mandailing Nat, MDJ Mudanjiang, etc.

1042

Table with columns for station name, frequency, and signal strength. Includes stations like PETK Petropavlovsk-Chengdu, HHC Hu-ho-hao-te, HHC HHC, etc.

21d 15h

EKS2	Erkin-Say	84.34	313	P	P	15 56 19.6 +1.1
EGAK	Eagle	84.40	23	P	P	15 56 18.2 +0.1
EGAK	Eagle	84.40	23	P	P	15 56 18.6 +0.5
SIT	Sitka	84.45	32	P	P	15 56 19.5 +1.1
BTLS	Baital	84.63	316	eP	P	15 56 18.6 -1.1
BTLS	Baital	84.63	316	eP	P	15 56 18.5 -1.1
DAWY	Dawson	84.84	24	P	P	15 56 20.7 +0.3
DAWY	Dawson	84.84	24	P	P	15 56 22.6
DAWY	Dawson	84.84	24	P	P	15 56 21.0 +0.6
SKAQ	Skagway	85.15	29	P	P	15 56 23.1 +1.2
NR1K	Noril'sk	85.38	341	P	P	15 56 23.0 +0.1
NR1K	Noril'sk	85.38	341	P	P	15 56 22.2 -0.7
NR1K	Noril'sk	85.38	341	P	P	15 56 22.3 -0.5
NR1K	Noril'sk	85.38	341	P	P	15 56 24.0
QSPA	South Pole Qui	85.48	180	P	P	15 56 23.7 0.0
QSPA	South Pole Qui	85.48	180	P	P	15 56 22.9 -0.8
MAW	Mawson	85.54	203	P	P	15 56 23.8 +0.1
MAW	Mawson	85.54	203	P	P	15 56 23.9 +0.1
MAW	Mawson	85.54	203	P	P	15 56 23.0 -0.7
MAW	Mawson	85.54	203	P	P	15 56 23.0 -0.7
MAW	Mawson	85.54	203	P	P	15 56 25.1
N31M	Braeburn, Yuko	85.55	27	P	P	15 56 24.5 +0.6
WHY	Whitehorse	85.72	28	P	P	15 56 25.6 +0.7
I29M	Ogilvie Camp,	85.74	23	P	P	15 56 25.2 +0.4
WRK	Wrangell Island	85.85	33	P	P	15 56 25.8 +0.4
BTK	Batken	86.08	311	P	P	15 56 26.5 -0.6
BTK	Batken	86.08	311	P	P	15 56 26.5 -0.6
DZA	Taraz	86.16	313	eP	P	15 56 26.9 -0.5
M31M	Drury Creek, Y	86.39	27	P	P	15 56 28.1 0.0
BRZS	Berezniiki	86.52	321	eP	P	15 56 27.7 -1.2
BRZS	Berezniiki	86.52	321	eP	P	15 56 28.6 -0.3
P33M	Teslin, Yukon	86.58	29	P	P	15 56 29.2 +0.2
KBL	Kabul	86.67	305	P	P	15 56 28.7 -1.6
KBL	Kabul	86.67	305	P	P	15 56 28.7 -1.6
KKAR	Kararatay Array	86.78	314	P	P	15 56 29.8 -0.6
KKAR	Kararatay Array	86.78	314	P	P	15 56 29.8 -0.6
FARO	Faro, Yukon	86.87	27	P	P	15 56 31.2 +0.8
IUG	Iuzhny	86.99	312	eP	P	15 56 30.1 -1.4
IUG	Iuzhny	86.99	312	eP	P	15 56 31.9 +0.4
IUG	Iuzhny	86.99	312	eP	P	15 56 31.9 +0.4
CHGR	Chuygaron	87.14	309	P	P	15 56 31.7 -0.6
BRLS	Borolday	87.26	313	eP	P	15 56 32.1 -0.6
BRLS	Borolday	87.26	313	eP	P	15 56 32.1 -0.6
INK	Inuvik	88.46	21	P	P	15 57 37.8 +0.1
INK	Inuvik	88.46	21	P	P	15 57 20.9 +1.5
INK	Inuvik	88.46	21	P	P	15 57 37.3 -0.4
INK	Inuvik	88.46	21	P	P	15 56 37.3 -0.4
INK	Inuvik	88.46	21	P	P	15 56 37.9 +0.2
WTKL	Watson Lake, Y	88.51	29	P	P	15 56 38.0 -0.2
BRVK	Borovoye	88.53	323	P	P	15 56 37.1 -1.4
BRVK	Borovoye	88.53	323	P	P	15 56 37.1 -1.4
BRVK	Borovoye	88.53	323	P	P	15 56 37.0 -1.4
BRVK	Borovoye	88.53	323	P	P	15 56 38.9
J01E	Myrtle Point	88.75	47	P	P	15 56 39.9 +0.2
L02E	Cave Junction	88.87	48	P	P	15 56 40.2 -0.1
K02D	Willamette Mer	88.89	47	P	P	15 56 40.5 +0.1
I02E	Swisschone, OR	88.93	46	P	P	15 56 41.2 +0.7
I03D	Drain, OR	89.24	46	P	P	15 56 42.3 +0.3
O02D	Mt. Diablo Mer	89.25	50	P	P	15 56 42.7 +0.5
M02C	Callahan	89.33	49	P	P	15 56 43.4 +1.1
HUMO	Hull Mountain	89.39	47	P	P	15 56 44.0 +1.3
HUMO	Hull Mountain	89.39	47	P	P	15 56 45.6
G02D	Trinity Center	89.40	49	P	P	15 56 43.7 +0.8
N03D	McMinnville, O	89.48	45	P	P	15 56 43.5 +0.5
L04D	Klamath Falls	89.48	46	P	P	15 56 45.8 +0.9
I04A	Tendick Farm,	89.92	46	P	P	15 56 45.8 +0.6
O03E	Paynes Creek	90.01	50	P	P	15 56 46.4 +0.4
J04D	Umpqua Nationa	90.08	47	P	P	15 56 46.8 +0.8
E04D	Cinebar	90.11	43	P	P	15 56 46.8 +0.8
M04C	Macdoel	90.13	48	P	P	15 56 47.1 +0.7
ORV	Oroville	90.17	51	P	P	15 56 46.1 -0.3
ORV	Oroville	90.17	51	P	P	15 56 46.1 -0.3
ORV	Oroville	90.17	51	P	P	15 56 46.1 -0.3
A04D	Lummi Island	90.26	41	P	P	15 56 47.6 +1.0
K04D	Chiloquin, OR	90.28	47	P	P	15 56 47.7 +0.6
B05A	Bryant	90.62	42	P	P	15 56 48.9 +0.7
J05D	Fort Rock, OR	90.72	47	P	P	15 56 49.6 +0.5
I05D	Terrebonne, OR	90.75	46	P	P	15 56 49.5 +0.4
F05D	White Salmon	90.81	44	P	P	15 56 50.3 +1.0
G05D	Wamic, OR	90.85	45	P	P	15 56 50.4 +0.9
K05A	Summer Lake	90.92	47	P	P	15 56 51.1 +1.0
PKM	McPherson Peak	91.09	55	P	P	15 56 51.1 +0.6
MOD	Modoc Plateau	91.28	48	P	P	15 56 52.3 +0.6
MOD	Modoc Plateau	91.28	48	P	P	15 56 53.6

2015 DEC

LTY	Liberty	91.48	43	P	P	15 56 52.7 +0.3
LTY	Liberty	91.48	43	P	P	15 56 53.6
PAHR	Pah Rah Range	91.81	50	P	P	15 56 53.9 -0.3
PAHR	Pah Rah Range	91.81	50	P	P	15 56 56.1
A36M	Sachs Harbour	92.00	18	P	P	15 56 52.9 -1.2
A36M	Sachs Harbour	92.00	18	P	P	15 56 55.4 +1.3
CIS	Catalina Islan	92.14	57	P	P	15 56 56.5 +0.8
HAWA	Hanford	92.19	44	P	P	15 56 55.2 -0.4
HAWA	Hanford	92.19	44	P	P	15 56 57.4
ISA	Isabel Lake	92.24	55	P	P	15 56 57.1 +0.9
HRA	Herat	92.25	304	P	P	15 56 55.5 -0.9
HRA	Herat	92.25	304	P	P	15 56 57.1
FMP	Fort Macarthur	92.26	57	P	P	15 56 56.4 +0.2
DECC	Green Verdugo	92.26	56	P	P	15 56 56.4 +0.2
PASC	Pasadena Art C	92.38	56	P	P	15 56 56.7 -0.1
RYN	Ryan	92.40	52	P	P	15 56 56.3 -0.7
RYN	Ryan	92.40	52	P	P	15 56 59.1
B08A	Colville Reser.	92.46	42	P	P	15 56 56.4 -0.5
B08A	Colville Reser.	92.46	42	P	P	15 56 58.0
E08A	Dider Farm, El	92.52	44	P	P	15 56 56.5 -0.6
E08A	Dider Farm, El	92.52	44	P	P	15 56 59.0
TIN	Tinemah, Big	92.53	53	P	P	15 56 58.6 +1.1
NVAR	Mina Array Bea	92.56	52	P	P	15 56 58.3 +0.5
NVAR	Mina Array Bea	92.56	52	P	P	15 56 58.0 +0.2
WVOR	Wild Horse Val	92.56	48	P	P	15 56 57.4 -0.2
WVOR	Wild Horse Val	92.56	48	P	P	15 56 59.5
EDW2	Edwards Air Fo	92.58	55	P	P	15 56 59.0 +1.2
CWC	Cottonwood Cre	92.61	54	P	P	15 56 59.1 +1.1
D08A	Wollman Farm,	92.65	43	P	P	15 56 58.1 +0.4
D08A	Wollman Farm,	92.65	43	P	P	15 56 59.5
NV11	Mina Array Sit	92.67	52	P	P	15 56 58.0 -0.3
NV11	Mina Array Sit	92.67	52	P	P	15 57 00.2
KVN	Kaiserville	92.76	51	P	P	15 56 58.7 0.0
KVN	Kaiserville	92.76	51	P	P	15 56 58.7 0.0
KVN	Kaiserville	92.76	51	P	P	15 57 00.6
BFSC	Mount Baldy Ra	92.82	56	P	P	15 56 59.7 +0.7
LRMC	Laurel Mt Rad	92.87	55	P	P	15 57 00.5 +1.3
LCH	Last Change Ra	93.01	53	P	P	15 57 00.2 +0.4
LCH	Last Change Ra	93.01	53	P	P	15 57 01.6
MPMC	Manual Prospec	93.06	54	P	P	15 57 01.0 +0.8
C09A	Chrisman Ranch	93.14	42	P	P	15 56 59.7 -0.3
C09A	Chrisman Ranch	93.14	42	P	P	15 57 01.3
E09A	Wood Farm, Sta	93.15	44	P	P	15 57 00.2 +0.2
E09A	Wood Farm, Sta	93.15	44	P	P	15 57 01.8
MURC	Murieta	93.17	57	P	P	15 57 01.0 +0.6
109C	Camp Elliot, M	93.20	57	P	P	15 57 01.4 +0.8
TPH	Tonopah	93.39	52	P	P	15 57 01.2 -0.4
TPH	Tonopah	93.39	52	P	P	15 57 01.2 -0.4
TPH	Tonopah	93.39	52	P	P	15 57 02.5 +0.6
TPH	Tonopah	93.39	52	P	P	15 57 01.4 -0.6
BMN	Battle Mountai	93.51	50	P	P	15 57 01.4 -0.6
BMN	Battle Mountai	93.51	50	P	P	15 57 01.4 -0.6
BMN	Battle Mountai	93.51	50	P	P	15 57 04.9
GSC	Goldstone, Be	93.58	55	P	P	15 57 03.3 +0.9
FURC	Furnace Creek,	93.59	54	P	P	15 57 03.1 +0.9
BMO	Blue Mountains	93.66	45	P	P	15 57 02.6 0.0
BMO	Blue Mountains	93.66	45	P	P	15 57 02.6 0.0
BMO	Blue Mountains	93.66	45	P	P	15 57 02.6 0.0
BMO	Blue Mountains	93.66	45	P	P	15 57 04.1
SYO	Syowa Base	93.69	200	iP	P	15 57 01.6 -0.4
SYO	Syowa Base	93.69	200	iP	P	15 57 02.6 -1.8
F10A	Beach Ranch, E	93.76	44	P	P	15 57 02.6 -0.4
F10A	Beach Ranch, E	93.76	44	P	P	15 57 04.4
MONP2	Monument Peak	93.78	57	P	P	15 57 04.6 +1.1
PFO	Pinyon Flats O	93.78	57	P	P	15 57 02.7 -0.7
PFO	Pinyon Flats O	93.78	57	P	P	15 57 02.7 -0.7
PFO	Pinyon Flats O	93.78	57	P	P	15 57 05.8
PFO	Pinyon Flats O	93.78	57	P	P	15 57 04.2 +0.8
TPFO	Pinon Flats	93.78	57	P	P	15 57 04.2 +0.8
NEW	Newport	93.93	42	P	P	15 57 03.6 0.0
NEW	Newport	93.93	42	P	P	15 57 03.6 0.0
NEW	Newport	93.93	42	P	P	15 57 03.6 0.0
NEW	Newport	93.93	42	P	P	15 57 05.1
HEC	Hector,Ludlow	93.94	56	P	P	15 57 05.1 +1.0
IKP	In-Ko-Pah, Jac	94.03	58	P	P	15 57 04.6 +0.1
SHOC	Shoshone, Teco	94.04	54	P	P	15 57 05.7 +1.3
TPNV	Topopah Spring	94.11	53	P	P	15 57 04.3 -0.6
TPNV	Topopah Spring	94.11	53	P	P	15 57 04.3 -0.6
TPNV	Topopah Spring	94.11	53	P	P	15 57 07.0
TPNV	Topopah Spring	94.11				

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like SONGINGO Array, WAKE ISLAND, and various other frequencies.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like MANTON DAM, COEN, INK, GSI, and various other frequencies.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like KHC, GERES, MEM, and various other frequencies.

21d 20h

NEIC 21 19:31:24.6±1.0, 36.05N, 0.04±126.97E, 0.06, h10km, 1km, mb4.2/28, Error ellipse: s-maj=8.0km s-min=6.6km az=256.0

ISC 21 19:31:24.6±1.0, 36.03N, 0.02±126.96E, 0.02, h12km, 6km, n146, s1942/151, mb4.3/34, 1C, South Korea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Lists various seismic stations and their recorded data.

2015 DEC

Main table listing seismic stations (MAT, MJAR, JOW, etc.) and their recorded data including station name, coordinates, magnitude, and time.

1050

Table listing stations (BRTR, NPAR, NVAR, etc.) and their recorded data, including station name, coordinates, magnitude, and time.

NAO 21 19:56:32.7±1.6, 73.44N, 7.35E, ML2.8, BER 21 19:56:36.8±2.9, 73.50N, 7.51E, h20km, 36km, ML 1.9, ML1.9(NAO), Confirmed Earthquake

ISC 21 19:56:33.4±1.0, 73.44N, 0.08±7.67E, 0.07, h13km, n34, s173/48, Greenland Sea

Table listing stations (HSPB, HSPB, BRBA, etc.) and their recorded data, including station name, coordinates, magnitude, and time.

KMA 21 20:02:46.7±0.3, 36.83N, 126.90E, h20km, 3km, Error ellipse: s-maj=4.6km s-min=0.9km az=263.0, South Korea

Table listing stations (BUYB, IKSA, KSGUS, etc.) and their recorded data, including station name, coordinates, magnitude, and time.

NAO 21 20:06:42.7±1.5, 73.42N, 7.18E, ML3.5, IDC 21 20:06:46.0±0.7, 73.34N, 7.88E, h0km, mb3.7/10, mb1.3/9.16, mb1mx3.6/6.0, mbtmp3.7/16, ML3.1/5, MS3.4/10, Ms1.3/4.10, ms1mx3.0/4.9, Error ellipse: s-maj=18.3km s-min=11.7km az=70.0

Table with columns: STEI, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Steigen, Kilpisjärvi, Kautokoino, ARCESS Array S, etc.

IDC 21 20:33:12.9.1.0.58:63S:25:07W,h0km,mb3.9/2, mb1 4.2/3, mb1mx3.8/27,mbtmp4.1/3,ML4.5/1,Error ellipse: s-maj=62.7km s-min=31.4km az=90.0

NAO 21 20:39:10.2.1.5.73:41N:7:20E,ML4.1
IDC 21 20:39:11.8.0.5.73:25N:7:06E,h0km,mb3.9/2,1, mb1 4.1/26,mb1mx3.8/56,mbtmp4.0/26,ML3.4/4,MS3.7/41, Ms1 3.7/41,ms1mx3.6/56,Error ellipse: s-maj=14.5km s-min=9.9km az=58.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BJO1, HSPB, BRBA, ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DOMB, NORSAR Array S, ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FINES, VALR, LSH, AMDE, KLMR, etc.

21d 21h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LANS RES, BFO, ECH, KOLS, etc.

2015 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR, BCAR, CAST, GEYT, etc.

1052

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like R15V, COIG, JALISCO, etc.

ADC 21 20:43:23.2, 52.0, 17.08S-176.42W, h562km, 5.7km, mb3.1/3, mb1.3/3.4, mb1mx2.6/39, mbtmp4.1/4, Error ellipse: s-maj=853.4km s-min=134.9km az=78.0, Fiji Islands region

MEX 21 20:49:09.0-0.7, 19.25N x 103.91W, h15km, 2km, MD3.0,

1055

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KAPI Kappang, TTSI Tana Toraja, WRAB Tennant Creek, etc.

2015 DEC

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like HHC Hu-ho-hao-te, LSA Lhasa, HHC Hyderabad, etc.

22d Oh

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like TUL1 Leonard, WMOK Wichita Mounta, W39A Magazine, etc.

Table with columns: Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like APSI Ampanga, LUWI Luwuk, TTSI Tana Toraja, etc.

Table with columns: Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, NACGM Naroeh, DVA Davao City (W), etc.

Table with columns: Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LEM Lembang, SOEI Soe, BATI Baumatua, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Novara, Port Mandanici, Serra La Nave, Monte Spagnolo, Casistana, Gamberie, Ucria, Milazzo, Scilla, Augusta, Augusta-Monte, Samo, Monte Soro, Catenanuova, Celeste, Sorlino, San Fratello, Agira, Lipari, Monte Lauro, Avola, Joppolo, Modica, Stromboli Gino, Raffo Rosso, Stromboli F.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Filicudi I Eol, Petralia Sopra, Placanicca, Castelbuono, Resuttano, Pachino, Gibilmanna, Alicudi, Girifalco, Montedoro Licata, Favara, Solunto, Spezzano della, Monte Pellegrini Corleone, Timpagrande, Caltabellotta, Cetarò, Celico, Ustica, Castrocuoco Bulgheria - Ca, Wied Dalam, Mornano, San Lorenzo Be, Castrocuoco Bulgheria - Ca, Morigerati, Monte Sirino, Monte Sirino, S. Chirico Rap, Montesano sulli, Campore, Monticello, Vigliano (FZ), Colliano, Miglionico, Muro Lucano, Calabrutti - M, Matera.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MATE, LiQ3, Palazzo San Ge, CAFE, Altamura, Noci, S.Maria delle, Lastovo, Ston, Hvar, Ricice, Zirje, Morici, Dugi Otok, Kijevo, Novalja, OMAN, Eastern Gulf of Aden, ABTO, RBK, WHFO, DMTO, DOK, SHAO, ATD, WSAR, KMB0, GEYT, GNI, MBRAR, MKAR, AKASO, KURBB, CMAR, ZALV, TORD, SONM, NRIK, FITZ, ASAJ, NVAR, MXZ, WMGZ, HAZ, PKGZ, RUGZ, PUKETI, TWGZ, OPBZ, MWZ, MWZ, KUZ, TKGZ, CNGZ, URZ, RAGZ, GRZ, RIGZ, RIGZ, MUGZ, RTZ, SNGZ, PRGZ, TOZ, KNZ, RAHZ, MTHZ, MHGZ, ARHZ, BKZ, MCHZ, KHZ, TMVZ, ETVZ, WTVZ, OTVZ, SNVZ, MAZ, BWHZ.

22d 6h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KAHZ, KRHZ, MOVZ, WNVZ, PNHZ, TSZ, BFZ, TIWZ.

DJA 22 05:47:01.5:0.4, 8'S, 3.3:12'0E, h186km, 6km, M4, 2/18, mb4.4/5, mB5.8/1, MLV4.1/18, Mw(mB)5.4/1

ISC 22 05:47:02.3:1.2, 8.0:1S, 120.25E, h220km, 6km, mb3.5/9, mb1.3/5/13, mb1mx3.3/44, mbtmp4.0/13, Error ellipse: s-maj=32.6km, s-min=7.2km, az=58.0

ISC 22 05:46:59.9:0.5, 8.26S, 0.04:120.05E, h200km, n49, c1941/59, mb4.0/14, F10es region

Main station list table for 22d 6h. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRSI, EDFI, BASI, BSSI, MMRI, PLAI, BKSI, KAPI, BANI, BATS, BATI, BATI, JAGI, JAGI, PCJI, MTKI, FITZ, MBWA, FAKI, WRA, WRA, WRAB, MEEK, WRKA, ASAR, ASAR, STKA, CMAR, JIRN, GUN, PKI, PKIN, GKN, DANN, PYUN, USRK, SONM, MKAR, MKAR, ZALV, PETK, VNDA, YKA, TKL.

BUG 22 06:00:11.2:0.0, 50.98N, 6:63E, h0km, 1km, MD3.3/11, ML3.0/11

UCC 22 06:00:11.8:0.7, 50.98N, 6:66E, h1km, 2km, ML2.4

LDG 22 06:00:12.6:0.1, 50.99N, 6:66E, h1km, ML2.9/19, Error ellipse: s-maj=1.7km, s-min=1.4km, az=154.0, Suspected Mining induced.

BGR 22 06:00:12.6:0.3, 50.96N, 6:63E, h1km, ML2.6/6, Error ellipse: s-maj=4.4km, s-min=2.2km, az=125.0

BNS 22 06:00:12.0:0.6, 50.99N, 6:62E, h1km, ML2.4

PRU 22 06:00:16.6:0.5, 50.91N, 6:60E, h0km

ISC 22 06:00:11.3:0.7, 50.97N, 0:02:6.59E, 0:02, h0km, n80, c1919/131, 6C-24D, Germany

Main station list table for 22d 6h (continued). Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PLH, GSH, KLL, DREG, STB, LAUG, TDN, HGN, BTNL, OLF, MEM, MEM, MEM, AHRW, ENTS, BKBL.

2015 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BUG, BULI, BTEZ, HILS, BLCH, BHOU, BHE, LOH, BGG, KOE, LKB, SORT, BMOL, BCLA, HMES, WTSB, LVIA, BGES, KASTN, WLF, WLF, BMRD, TNS, GIVET, IBBN, IBBE, DOU, BAUF, BAIF, UBBA, PAGF, PAGF, CLZ, SAVF, SAVF, CDF, CDF, MEZF, SFTF, SFTF, HAU, HAU, HAU, HIN, HIN, CLL, LOR, LOR, LOR, LOR, CABF, CABF, SSF, SSF, SSF, SMF, SMF, SMF, AVF, KHC, KHC, LDF, LDF, BGF, BGF, BGF, FLN, FLN, FLN, PRU, LGP, GRR, ORIF.

BUG 22 06:00:49.9:1.6, 19.70S, 177:59W, h553km, 17km, mb3.3/11, mb1.3/5/14, mb1mx3.2/53, mbtmp4.2/14, Error ellipse: s-maj=23.9km, s-min=13.9km, az=144.0

ISC 22 06:00:48.7:0.7, 19.8S, 0:11:177.5W, 0:11, h550km, n19, c2827/21, mb3.9/11, Fiji Islands region

Main station list table for 2015 DEC. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFI, AFI, AFI, URZ, CTA, STKA, ASAR.

1062

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR, WRA, WRA, FITZ, VNDA, MJAR, NVAR, ILAR, CMAR, ARCES, AKASG, GERES, DAVOX.

ISC 22 06:08:50.4:0.9, 23:81N, 121:69E, h0km, mb3.7/9, mb1.3/9/10, mb1mx3.6/70, mbtmp3.7/10, ML3.7/1, MS3.2/5, Ms1.3/3/5, ms1mx2.8/44, Error ellipse: s-maj=25.5km, s-min=20.0km, az=63.0

NIED 22 06:08:54.4:2.7:72N, 121:66E, h24km, h24km, M4.0, Moment Tensor Solution, s2, Moment tensor: Scale 10^15Nm; M1:0.39, M2:0.07, M3:0.32, M4:0.07, M5:0.64, M6:0.82; Fault plane solution: Ms1.09000x10^15, NP1:0.7, 0.00000, 877.00000, 1.58.00000, NP2:0.258.00000, 834.00000, 1.157.00000

JMA 22 06:08:54.3:0.1, 23:77N, 121:66E, h24km, 4km, M4.0

TAP 22 06:08:55.4:2.8:28N, 121:59E, h28km, ML4.4, C

ASIES 22 06:08:55.5:2.3:28N, 121:61E, h27km, MW3.9

BUI 22 06:08:55.1:0.0, 23:94N, 121:62E, h12km, mb4.1/5, ML3.3/9

ISC 22 06:08:54.6:0.7, 23:80N, 0:01:121:63E, 0:02, h28km, 5km, n162, c1914/257, mb3.9/9, MS3.2/4, 9C-21D, Taiwan

Main station list table for 1062. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ESL, ESL, HWA, HWA, EGFH, TW, TW, HGSD, ETL, NACB, NACB, EHY, EHY, ETLH, ETLH, OWD, VWDT, VWDT, WHF, CHGB, CHGB, YULB, YULB, YULB, EHP, EHP, EYUL, EYUL, EYUL, FUSS, FUSS, TWT, TWT, SSLB, SSLB, SSLB, TDCB, TDCB, ENA, ENA, EWUT, EWUT, EWUT, NNSB, NNSB, FULB, FULB, SMLT, SMLT, SMLT, NNS, NNS, WCS, WCS, TYC, TYC, CHKT, CHKT.

1063

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like CHKT, WHP, ALS, NDT, etc.

2015 DEC

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like TWA, CHN1, CHN1, etc.

22d 6h

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like JMJ2, AXDP, ZPLA, etc.

Table with columns: IDI, comp, S, Sg, Time, Res. Rows include stations like Anoya, Sitia Lasithi, Bodrum, Zakros, etc.

TEH 22 07:08:04.1, 36.04N-53.22E, h11km, ML3.8
THR 22 07:08:04.6, 0.9, 36.06N-53.17E, h15km, 5km, ML3.5
IDC 22 07:08:05.4, 3.0, 36.29N-53.18E, h0km, ml3.4/5,
mb1 3.7/9, mb1mx3.4/60, mbtm3p.7/9, ML3.4/3, Error
ellipse: s-maj=42.7km s-min=23.6km az=1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Shahmirzad, Firoozkooh, Ghalgozh, etc.

Table with columns: IMHD, Mahdasht, 2.07 260, ePn, P, Sg, Time, Res. Rows include stations like Alamut, Qazvin, Gorm, etc.

NNC 22 07:29:24.7, 0.3, 50.03N-78.77E, h0km, mb2.3, mpv2.1,
Error ellipse: s-maj=9.3km s-min=1.7km az=73.0,
Suspected Missing explosion.
IDC 22 07:29:26.6, 1.1, 50.11N-78.79E, h0km, mb1 2.3/2,
mb1mx2.3/34, mbtm2p.3/2, ML1.9/2, Error ellipse:
s-maj=10.7km s-min=3.3km az=58.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Kurchatov Arra, Kurchatov Arra, etc.

Table with columns: KURBB, 3.0nm, 0.3s, Sg, Time, Res. Rows include stations like Kurchatov Arra, Kurchatov Arra, etc.

IDC 22 07:42:05.1, 2.5, 58.59N-156.69W, h155km, 31km, mb2.8/2,
mb1 3.0/5, mb1mx2.6/42, mbtm3p.4/5, MS3.1/1, Ms1 3.2/1,
ms1mx2.6/9, Error ellipse: s-maj=34.9km s-min=24.7km
az=101.0
NEIC 22 07:42:06.4, 1.4, 58.31N-156.66W, h186km, 6km,
Error ellipse: s-maj=11.6km s-min=8.4km az=100.0
AEIC 22 07:42:07.1, 2.58, 28N-106.156W, 0.1, n186km, 5km,
ML3.2, ML3.2/50(NEIC), Error ellipse: s-maj=11.3km
s-min=8.4km az=99.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Mount Kelaz, Angle Creek, Katmai Bkd Mtn, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like L19K White Mountain, L19K White Mountain, L19K White Mountain, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BCAR Beaver Creek A, YUK3 Moose Creek, YUK3 Moose Creek, etc.

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

NNC 22 09:14:00.8.3.36.89N-70.86E, h0km, mb4.0, mpv3.8, Error ellipse: s-maj=29.8km s-min=21.1km az=149.0

IDC 22 09:14:01.3.6.7.36.47N-71.38E, h136km, 48km, mb3.0/2, mb1.3/1.7, mb1mx2.9/56, mbtmp3.6/7, MS3.0/1, ms1mx2.3/21, Error ellipse: s-maj=78.0km s-min=36.3km az=143.0

ISC 22 09:14:01.1.7.36.7N:01:71.1E:0.1, h150km, n20, e162/23, 2C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, etc.

VAO 22 10:06:48.2.0.6.20.29S:69.02W, h135km, 6km, mb4.1 SJA 22 10:06:48.5.0.8.20.39S:68.89W, h127km, 3km, ML4.0, MW3.8

NEIC 22 10:06:49.1.1.5.20.32S:07:68.76W:0.09, h116km, 8km, mb4.1/4, ML4.0(GUC), Error ellipse: s-maj=11.9km s-min=10.2km az=77.0

GUC 22 10:06:49.8.0.7.20.36S:68.78W, h117km, 3km, ML4.0 IDC 22 10:06:50.2.0.9.20.49S:68.48W, h133km, 10km, mb3.6/5, mb1.3/7.9, mb1mx3.5/26, mbtmp4.0/9, MS1.9/1, ms1mx1.8/20, Error ellipse: s-maj=29.2km s-min=9.5km az=99.0

ISC 22 10:06:48.6.0.5.20.38S:07:03.68W:0.04, h127km, 5km, n102, e154/11, mb4.0/5, 5C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include stations like PB08 IPOC Station P, PB08 IPOC Station P, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include stations like PB12 LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include stations like DRS Darwin Rock St, MTN Mantion Dam, MTN Mantion Dam, etc.

Table with columns: LCRK, Leigh Creek, 23.74 162, P, P, 10 12 04.8 +2.3, etc. Includes stations like PPBI, RK1H, MORW, BBOO, RMQ, BLDU, STKA, etc.

Table with columns: TIXI, VOI, QSPA, NRIK, etc. Includes stations like VOI, QSPA, NRIK, IMAR, ILAR, YKA, etc.

Table with columns: LANU, HUSU, ARCES, etc. Includes stations like LANU, HUSU, ARCES, OZAP, TVAN, etc.

22d 13h

Table with columns: TOO, Tooling, 33.04 244, P, P, 13 11 46.6 +0.8, etc. Lists various astronomical objects and their properties.

2015 DEC

Table with columns: MAT, Matushiro, 77.52 324, P, S, 13 17 04.5 -1.4, etc. Lists astronomical objects for December 2015.

1070

Table with columns: USRK, Ussuriysk Ar., 86.39 326, P, P, 13 17 52.6 +0.3, etc. Lists astronomical objects for 1070.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like K22A Casper, SCRR Sand Creek, COLA College, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like MNK comp=N,1,um,21.7s, IGIN Igalina, NACGM Naroch, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like WRA Warrungama Arr, AKASO Malin Array Be, IDC 22 13:50:02, etc.

22d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, KBL Kabul, AAK Ala-Archa, ZALV Zalesovo Beam, etc.

IDC 22 13:58:44.25.7.33:47N:137:18E, h250km, 120km, mb2.7/3, mb1.2.914, mb1mx2.9/37, mbtmp3.3/4, Error ellipse: s-maj=217.1km s-min=28.3km az=60.0

JMA 22 13:58:44.6.0.5.33:82N:137:97E, h323km, 5km, M2.5

ISC 22 13:58:46.2.1.1.33:39N:01:137.98E:0.09, h300km, n17, c130/19, mb2.7/3, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIE Ise, JNY Yasuok, JKN2 Miekiohoku, etc.

IDC 22 14:04:51.0:999.0, 41:14N:43:91E, h0km, Error ellipse: s-maj=2791.0km s-min=296.4km az=46.0, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I31KZ AKTYUBINSK INF, I46R0 ZALESOVO INFRA30.0, etc.

IDC 22 14:24:02.3:59.0, 22:56S:175:12W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.4/37, mbtmp3.9/3, Error ellipse: s-maj=1103.0km s-min=184.6km az=87.0, Tonga 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.

SOME 22 15:01:34.2.39:75N:74:88E, h0km, NNC 22 15:01:39.2:1.6.39:89N:75:00E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=12.5km s-min=8.0km az=158.0

KRNET 22 15:01:40.8:0.1.39:86N:74:75E, mb3.8

ISC 22 15:01:39.4:1.1.39:87N:0:05:74.94E:0:03, h10km, n68, c1581/102, 35C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFK Sufi-Kurgan, SFK baz=80, OHH Osh, etc.

2015 DEC

Main table with columns: AAK, Ala-Archa, 2.79 353, P, P, 15 02 28.8 -0.6, etc. Includes stations like AAK Ala-Archa, KDJ Kajisy, TARG Taragay, etc.

1072

Table with columns: UZB Uzynbulak, 4.49 42, Pg, P, 15 02 59.2 +0.8, etc. Includes stations like UZB Uzynbulak, KK08 Karatay Array, ARXS Arharly, etc.

IDC 22 15:12:28.2:3.3.27:99S:74:25E, h0km, mb3.9/6, mb1.4/1.6, mb1mx3.6/2, mbtmp3.9/6, Error ellipse: s-maj=103.9km s-min=30.5km az=50.0

NEIC 22 15:12:28.7:0.6.28:155S:0:09:74:0E:0:2, h10km, 2km, mb4.3/1.2, Error ellipse: s-maj=37.2km s-min=10.6km az=252.0

ISC 22 15:12:29.7:2.6.28:0S:0:4:74:2E:0:4, h12km, n26, c0972/19, mb4.2/12, Mid-Indian Ridge

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

IDC 22 15:15:59.3:5.1.28:00S:74:38E, h0km, mb3.9/5, mb1.4/1.5, mb1mx3.5/54, mbtmp3.9/5, Error ellipse: s-maj=173.7km s-min=35.2km az=42.0

NEIC 22 15:16:01.1:0.9.28:0S:0:2:74:3E:0:1, h10km, 2km, mb4.5/9, Error ellipse: s-maj=35.0km s-min=22.0km az=185.0

ISC 22 15:16:00.4:4.4.28:1S:0:7:74:3E:0:8, h10km, n19, c0543/15, mb4.1/7, Mid-Indian Ridge

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

IDC 22 15:21:49.2:3.6.1:79N:99:46E, h169km, 14km, mb3.6/3, mb1.3/3, mb1mx2.9/1, mbtmp4.1/3, MS4.3/1, Ms1.4/3.1, ms1mx2.9/38, Error ellipse: s-maj=115.3km s-min=58.1km az=68.0, Northern Sumatara

22d 16h

Table with columns: Code, Station Name, s-maj, s-min, az, 53.0, Banda Sea, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

NOU 22:16:22.11.1, 30:95S; 176:00W, h32km, mb4.5/19, Kermadec Islands Region
NEIC 22:16:22.0.2.6, 30:89S; 0:09:177.9W, 0.2, h10km, 1km, mb4.6/17, Error ellipse: s-maj=23.1km s-min=13.5km

IDC 22:16:22.26.2.1, 30:51S; 178:07W, h56km, 1.7km, mb4.2/6, mb1.4/4.6, mb1mx3.7/27, mbtmp3.4/5.6, MS3.7/3, Ms1.3/6/3, ms1mx3.1/27, Error ellipse: s-maj=25.5km s-min=16.5km az=115.0

ISC 22:16:22.21.4.0.7, 30:80S; 0:05:177.7W, 0.1, h35km, n89, c=240/77, mb4.6/18, MS3.3/4, Kermadec Islands

Main table of station data for the 22d 16h period, including stations like GLKZ Green Lake, RAO Raoul Island, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

2015 DEC

Table of station data for 2015 DEC, including stations like MAW Mawson, H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez, etc.

IDC 22:16:38:21.3.1.6, 11:19S; 161:69E, h0km, mb3.7/4, mb1.1/3.6, mb1mx3.5/40, mbtmp3.8/6, ML3.3/1, MS2.9/2, Ms1.2/9.2, ms1mx2.7/30, Error ellipse: s-maj=34.1km s-min=25.9km az=77.0

ISC 22:16:38:25.7.1.1, 11:23S; 0:1:161.7E, 0.2, h28km, n6, c=47/77, mb3.5/4, Bougainville-Solomon Islands region

Table of station data for the Bougainville-Solomon Islands region, including stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

IASPEI 22:16:39:02.0.9.35; 76N; 0:02:97.37W; 0.03, h11km, 7km, Error ellipse: s-maj=4.1km s-min=3.2km az=95.6, G15 selection from ISC bulletin G15 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <>Seism. Res. Let., <>, <>>80-82, 465-472, 2009

NEIC 22:16:39:04.0.7.35; 76N; 0:02:97.37W; 0.02, h8km, 6km, Error ellipse: s-maj=2.7km s-min=2.2km az=76.0

TUL 22:16:39:05.1.1.35; 74N; 0:01:97.35W; 0.02, h6km, 7km, ML3.5, mb, Lg3.5/105(NEIC), Error ellipse: s-maj=2.8km s-min=2.1km az=98.0

ANF 22:16:39:09.3.0.3, 35:78N; 97:38W, h5km, ML4.1/16, Error ellipse: s-maj=3.3km s-min=1.9km az=118.0

ISC 22:16:39:09.5.0.9, 35:76N; 0:02:97.37W; 0.03, h9km, 6km, n120, c=51/104, Oklahoma

Main table of station data for the Oklahoma region, including stations like OK029 Liberty Lake, OK005 Luther M Schoo, OK025 Westminster Rd, etc.

1074

Main table of station data for the 1074 period, including stations like Z35A Perchaven, San, Z35A Perchaven, San, Z35A Perchaven, San, etc.

IDC 22:16:41:17.7.1.3, 29:32N; 52:96E, h0km, mb3.7/11, mb1.3/9/12, mb1mx3.5/62, mbtmp3.7/12, ML3.6/1, Error ellipse: s-maj=34.6km s-min=21.6km az=32.0

Table with columns: STKA, comp, Az, El, P, Pmax, Time, Res. Includes stations like Stephens Creek, Eagle Plains, Inuvik, etc.

SOME 22 17:30:24.7, 39.48N, 74.58E, hOkm
KRNET 22 17:30:28.0, 0.1, 39.45N, 74.58E, mb3.2
NNC 22 17:30:32.0, 0.6, 39.47N, 74.56E, hOkm, mb3.7, mpv3.2,
Error ellipse: s-maj=52.6km s-min=36.0km az=153.0
ISC 22 17:30:30.3, 1.5, 39.44N, 0.07, 74.55E, 0.04, h10km, n31,
e25/51, 13C-11D, Southern Xinjiang

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, Osh, Karamyk, etc.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Boroday, Podgornoye, Akbulat array, etc.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Petropavlovsk, Dainy, Uglavoya, etc.

Table with columns: ILLAR, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Eielson Array, Port Fidalgo, Fort Yukon, Burt Mountain, Verde Repeater, etc.

Table with columns: WB2, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Warramunga Arr, Malin Array, Lajitas Array, etc.

IDC 22:17:59:21.5:4.9,4:00S:149.38E, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.1/32, mbtmp3.1/3, Error ellipse: s-maj=146.3km s-min=38.0km az=100.0, Bismarck Sea

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

UPP 22:18:06:13.8:0.1, 67.08N:20.94E, h0km, ML2.4, Explosion HEL 22:18:06:14.6:0.1, 67.09N:20.97E, h0km, ML2.4

NAO 22:18:06:14.5:0.8, 67.04N:21.14E, ML2.6 IDC 22:18:06:15.2:0.8, 67.04N:21.19E, h0km, mb1 3.4/5, mb1mx3.1/43, mbtmp3.4/5, ML2.1/4, Error ellipse: s-maj=14.3km s-min=7.2km az=110.0

BER 22:18:06:16.4:3.3, 67.07N:20.90E, h0km, ML2.0, ML2.6(NAO), Suspected explosion

ISC 22:18:06:13.6:0.7, 67.08N:0.02:20.87E, h0km, n63, 0:98/89, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ERTU, PAJU, RATU, KUA, HARU, SALU, NIKU, LANU, KOUV, KALU, etc.

FAUS Fauske 2.19 281 eP Pb 18 06 53.6 -0.4 18 07 23.1 -0.8

SGF Sodankylä 2.23 78 ePb Pn 18 06 52.7 +1.0 18 07 23.6 +0.9

JETT Jettan, Norway 2.50 356 Pn Pb 18 06 55.9 -1.7 18 06 56.9 +1.3

OUL Oulu 2.86 132 eP Pn 18 07 42.4 +2.0 18 07 46.9 -1.0

ARA0 ARCESS Array S 3.01 33 Pn Pn 18 07 03.0 +0.6 18 07 03.0 +0.6

ARA0 ARCESS Array S 3.01 33 eSb Pn 18 07 02.8 +0.4 18 07 03.2 -0.7

ARA0 ARCESS Array B 3.01 33 Pn Pn 18 07 03.2 +0.7 18 07 03.2 +0.7

OUF Merijarvi 3.15 148 eP Sn 18 07 05.9 +1.5 18 07 47.0

VRF Vario 3.44 75 eP Pn 18 07 09.2 +0.8 18 07 10.1 +1.2

MSF Maaelka 3.48 106 eP Pn 18 07 10.1 +1.2 18 07 10.3 +1.3

KEV Kevo 3.52 37 Pn Sn 18 07 53.1 +0.5 18 07 53.7 +0.5

KEV Kevo 3.52 37 Pn Sn 18 07 53.7 +0.5 18 07 53.7 +0.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FINES, NB2, NOA, NORA, etc.

TAP 22:18:39:01.0, 24:59N:122:04E, h63km, 1km, ML1.8, B, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TWC, TWE, TTB, INT, NWLT, NFW, WFSB, NACB, YHNB, NNSB, NNS, NSK, ET LH, FUSU, FUSS, TDCB, CHGB, WHP, HGS, SSSL, etc.

JMA 22:18:39:13.3:0.2, 24:83N:123:44E, h28km, M1.3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like YOJ, IRIF, JYING, JKRS, etc.

NEIC 22:18:42:17.9:2.6, 6:17S:0:07:130:14E, 0:09, h163km, 7km, mb4.1/13, Error ellipse: s-maj=12.5km s-min=10.1km az=97.0

IDC 22:18:42:19.7:3.5, 6:38S:130:05E, h185km, 35km, mb3.4/4, mb1 3.6/8, mb1mx3.0/38, mbtmp4.1/8, Error ellipse: s-maj=32.2km s-min=14.0km az=55.0

ISC 22:18:42:16.4:0.6, 6:23S:0:06:130:16E, 0:06, h150km, n56, 0:160/57, mb4.1/13, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BNDI, SAUI, FAKI, SANS, DRS, MTN, SOEI, KDU, BATI, etc.

22d 20h

MKAR Makanchi Array 65.38 327 P P 19 38 24.6 0.0

IDC 22 19:33:30.9,4.0,35.73N,71.67E,h0km,mb3.8/7, mb1 3.9/12,mb1mx3.6/41,mbtmp3.8/12,ML3.5/5,Error ellipse: s-maj=70.5km s-min=26.3km az=155.0

NNC 22 19:33:46.14,7.2,36.91N,71.05E,h0km,mb4.1,mpv3.8, Error ellipse: s-maj=37.9km s-min=27.1km az=146.0

ISC 22 19:33:47.9,1.0,36.51N,0.08,71.6E,0.1,h114km,n30, r1993/33,mb3.7/6,4C-3D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists various stations like AML, UCH, EKS2, AAK, etc.

NOU 22 19:42:02.0,15.73S,167.21E,h13km,MLv4.5/8,Vanuatu Islands, Vanuatu Islands

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

IDC 22 19:52:03.6,1.1,30.70S,71.27W,h0km,mb3.9/3, mb1 3.9/8,mb1mx3.8/35,mbtmp3.8/8,ML3.6/5,MS3.0/4, MS1 3.0/4,ms1mx2.8/33,Error ellipse: s-maj=39.2km s-min=23.3km az=95.0

SJA 22 19:52:03.5,0.6,30.25S,71.99W,h11km,3km,ML4.1, MW4.0

GUC 22 19:52:04.7,0.8,30.47S,71.86W,h24km,3km,ML4.1

ISC 22 19:52:00.9,1.6,30.28S,0.02,72.09W,0.06,h3km,gkm,n50,c2564/67,mb4.0/3,2C-3D,Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like CO06, CO04, CO05, etc.

2015 DEC

PEL Peldehue 3.09 158 eP Pn 19 52 55.0 +4.3

ZON Zonda 3.19 114 eS Pn 19 52 50.8 -1.3

MT05 Renca 3.31 160 eP Pn 19 52 57.9 +4.2

RTCV Cerro Valdivia 3.43 118 eS Pn 19 53 33.1 -0.4

ASAL Salagasta 3.61 130 eS Pn 19 53 25.1 -3.2

ARCO CERRO ARCO 3.71 134 eS Pn 19 53 30.4 +4.1

AAGR Agrelo 3.94 136 eP Pn 19 53 08.0 +5.5

AC02 Maricunga 4.31 38 eS Pn 19 53 11.8 -2.6

ACLC CERRO LA CRUZ 4.55 80 eP Pn 19 53 14.7 +3.9

APLL PUNTA DE LOS L 4.81 93 eP Pn 19 53 17.2 -8.8

RFA San Rafael 5.42 147 eP Pn 19 53 28.0 +5.3

H03N1 Juan Fernandez 6.60 240 T T 20 00 40.6

H03N2 Juan Fernandez 6.61 240 T T 20 00 39.9

H03N3 Juan Fernandez 6.61 240 T T 20 00 40.5

LVC Limon Verde 8.16 21 Pn 19 54 07.3 +6.8

PLCA Paso Flores 10.50 174 Pn 19 54 30.9 -1.6

CPUP Villa Florida 13.59 77 Pn 19 55 11.4 -3.2

LPZA La Paz 14.40 15 Pn 19 55 31.2 -2.3

SIV San Ignacio 17.45 38 P 19 56 07.7 +1.0

NNA Nana 18.73 345 LR 20 01 22.9

ROSC El Rosal 34.99 356 LR 20 12 39.6

TXAR Lajitas Array 66.49 330 P 20 03 01.5 +9.5

DBIC Dimbokro 74.06 72 P 20 03 39.5 +9.9

RAR Rarotonga 77.69 253 LR 20 27 44.6

TORD Torodi Arr Be 83.00 70 P 20 04 28.2 +0.2

H1S2 WAKE ISLAND Hy25.69 272 T T 22 29 47.1

H1S1 WAKE ISLAND Hy25.70 272 T T 22 29 49.8

H1S3 WAKE ISLAND Hy25.71 272 T T 22 29 47.1

KURBB Kurchatov Arr 150.10 39 PKPbc PKP 20 11 54.3 +0.7

AAK Ala-Archa 150.63 56 PKPbc PKP 20 11 56.9 +1.7

ZALV Zalesovo Beam 151.05 29 PKPbc PKP 20 11 56.8 +1.3

MKAR Makanchi Array 154.22 43 PKPbc PKP 20 12 03.2 +1.0

IDC 22 20:08:11.5,7.2,21.33S,169.96W,h0km,mb3.9/2, mb1 4.2/2,mb1mx3.7/30,mbtmp3.9/2,Error ellipse: s-maj=335.1km s-min=59.5km az=145.0,Tonga Islands region

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

NNC 22 20:11:48.8,2.3,38.18N,72.74E,h0km,mb3.7,mpv3.4, 5C-3D,Error ellipse: s-maj=65.2km s-min=47.9km az=154.0,Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like AAK, AAK, KK08, etc.

IDC 22 20:12:28.2,67.0,20.20S,177.87W,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.6/23,mbtmp3.7/3,Error ellipse: s-maj=1223.0km s-min=172.6km az=82.0,Fiji Islands region

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

CNRM 22 20:24:38.5,35.62N,3.59W,h7km,ml2.9

MDD 22 20:24:40.8,0.7,35.41N,3.63W,h20km,8km,mbLg2.3/20, Error ellipse: s-maj=8.5km s-min=5.8km az=164.0, PRXIMO

SFS 22 20:24:40.0,35.40N,3.61W,h22km,ML2.3,ALBORAN S.

INMG 22 20:24:42.0,1.5,35.52N,3.63W,h18km,10km,ML2.0, Error ellipse: s-maj=9.4km s-min=3.3km az=161.0

IGIL 22 20:24:43.7,35.55N,3.82W,h3km

ISC 22 20:24:40.4,1.0,35.47N,0.03,3.63W,0.02,h26km,11km,n49,r1946/87,2C,Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like PALE, PALE, GOG, etc.

1080

EALB 66nm,0.2s,SNR=18 S S 20 25 03.5 -0.4

CHAS Isla Isabel I 1.02 106 P Pn 20 25 07.8 -1.6

ELGU Los Guajales, 1.4m,0.2s,SNR=7.9 1.40 360 P S 20 25 05.1 +0.1

ELGU 35km,0.2s,SNR=7.9 S Sn 20 25 21.5 -0.4

JBK JBK 1.43 142 P S 20 25 03.8 -1.0

EMIJ Mijas 1.44 320 P Pn 20 25 26.5 +2.3

EMIJ 0.9nm,0.3s,SNR=12 S Sn 20 25 22.8 0.0

EMAL Malaga-Limoner 1.45 334 P S 20 25 05.0 +0.1

CEU Ceuta 1.49 287 P S 20 25 25.5 +0.8

ECEU Ceuta 1.49 287 P Pn 20 25 04.7 -0.8

ECEU 9.2nm,0.1s,SNR=7.9 S S 20 25 22.9 -1.2

EBER Berja 1.55 22 P Pn 20 25 06.2 -0.2

EBER 2.8nm,0.2s,SNR=23 S Sn 20 25 25.7 -0.1

EGOR Sierra Gorda, 0.4nm,0.2s,SNR=6.4 1.69 347 P Pn 20 25 09.2 +0.8

EGOR 7.9nm,0.2s,SNR=7.9 S Sn 20 25 29.6 +0.4

ENIJ Nijar 1.89 37 P Pn 20 25 10.7 -0.3

ENIJ 2.9nm,0.2s,SNR=7.9 S S 20 25 34.0 -0.1

IFR Ifrane 2.31 213 P S 20 25 20.6 -0.8

IFR Quesada 2.37 11 P Pn 20 25 20.7 -1.8

EQES 40nm,0.5s,SNR=7.9 S S 20 25 49.3 -2.1

MD31 MD31 2.76 200 P S 20 25 26.7 +3.7

TDRA Tendrara 2.76 151 P S 20 26 03.2 +0.8

SESP Santiago Espad 2.79 18 P S 20 25 26.3 +2.8

SESP 1.9nm,0.3s,SNR=7.9 S Sn 20 25 56.5 +0.2

EADA Adamuz 2.80 344 P Pn 20 25 25.6 +2.0

EADA 0.9nm,0.4s,SNR=11 S S 20 25 57.0 +0.5

EZAR Zarzadilla de 2.86 32 P Pn 20 25 25.9 +1.5

EZAR 2.2nm,0.3s,SNR=7.9 S Sn 20 25 58.4 +0.3

ECAB El Cabril 2.97 32 P Pn 20 25 27.2 +1.3

ECAB 0.4nm,0.4s,SNR=14 S S 20 25 59.6 -1.2

EMUR La Murta 3.05 38 S Sn 20 26 01.4 -1.3

EMIN Mina Concha 3.36 314 P Pn 20 25 31.6 +0.5

EMIN 3.4nm,0.3s,SNR=7.9 S Sn 20 26 09.5 -0.7

ETOB Tobarra 3.58 27 P Pn 20 25 36.9 +2.6

ETOB 1.5nm,0.2s,SNR=7.9 S S 20 26 15.3 -0.5

EGRO El Granado 3.73 305 P Pn 20 25 37.1 +0.8

EGRO 0.9nm,0.4s,SNR=7.9 S Sn 20 26 17.5 -1.9

PVAQ Vaqueiros 3.82 302 ePn Sn 20 25 38.6 +1.0

PVAQ 1.9nm,0.4s,SNR=7.9 S Sn 20 26 31.3 -0.4

PVAQ Vaqueiros 3.82 302 P Sn 20 26 30.8 +1.2

PVAV Barranco-do-Ve 3.90 298 ePn Sn 20 25 39.5 +0.8

PVAV 3.1nm,0.7s,SNR=7.9 S Sn 20 26 27.9 -0.7

PAB San Pablo 4.11 352 P Pn 20 25 43.9 +2.3

PAB 1.6nm,0.5s,SNR=7.9 S Sn 20 26 27.6 -1.3

ESDC 2.4nm,0.5s,SNR=7.9 4.21 356 S Sn 20 26 31.4 +0.2

EBAD Badajoz 4.25 321 P Pn 20 25 44.4 +0.9

EBAD 1.8nm,0.4s,SNR=7.9 S Sn 20 26 31.3 -1.0

MESJ Mesjeja 4.39 304 eP Pn 20 25 46.9 +1.6

MESJ Mesjeja 4.39 304 ePn Sn 20 25 42.2 -0.4

MESJ 2.1nm,0.4s,SNR=7.9 S Sn 20 26 40.9

MORF Marlete 4.45 296 eP Pn 20 25 47.7 +1.5

MORF Marlete 4.45 296 ePn Sn 20 25 46.6 +0.6

MORF 2.4nm,0.9s,SNR=7.9 S Sn 20 26 51.3

PVFI Vila Bisbo 4.52 293 ePn Sn 20 25 50.1 +3.0

PVFI Sao Teotonio 4.52 293 eS Sn 20 26 36.0 -2.8

PTEO Sao Teotonio 4.60 298 eS Sn 20 26 42.1 +1.3

PESTR Estremoz 4.64 318 eS Sn 20 26 43.3 +1.4

EVO Evora 4.66 312 ePn Sn 20 25 50.9 +1.9

EVO 2.7nm,0.6s,SNR=7.9 S Sn 20 26 44.6

PNCL Nicolau / Gran 4.74 305 ePn Sn 20 25 51.2 +1.1

PNCL 1.8nm,0.6s,SNR=7.9 S Sn 20 26 53.3

PMRV Marv??o 4.96 324 ePn Sn 20 25 55.2 +2.0

PMRV 1.5nm,0.5s,SNR=7.9 S Sn 20 26 49.3 -0.5

PMTG Montargil 5.14 316 ePn Sn 20 25 57.5 +1.9

PMTG Guadarrama 5.18 356 S Sn 20 26 53.7 -1.7

MVO Moncorvo 6.29 336 ePn Pn 20 26 14.0 +2.5

MVO Moncorvo 6.29 336 P Pn 20 26 13.6 +2.2

PBRG Braganca 6.78 340 ePn Pn 20 26 21.4 +3.2

IDC 22 20:29:23.0,1.1,15.95N,41.59E,h0km,mb3.8/8, mb1 3.9/9,mb1mx3.5/51,mbtmp3.8/9,ML3.2/1,MS3.1/4, MS1 3.1/4,ms1mx2.8/47,Error ellipse: s-maj=25.6km s-min=23.5km az=131.0

ISC 22 20:29:24.5,0.8,15.99N,0.09,41.6E,0.2,h10km,n12, r1943/10,mb3.8/8,Red Sea

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

Table with columns: ZALV, SONGINO, SADO, etc. containing station names, coordinates, and other technical details.

Table with columns: ROSC, ITTB, ARAG, etc. containing station names, coordinates, and other technical details.

Table with columns: L40A, T25A, SADO, etc. containing station names, coordinates, and other technical details.

Table with columns: PRZ, Przheval'sk, 2.42, 20, 20, Pb, 22 21 47.9 +0.1, etc. Lists various stations and their parameters.

Table with columns: KTBS, 75nm, 0.7s, Lg, 22 22 55.0, etc. Lists various stations and their parameters.

Table with columns: IRAZ, Razegar, 2.74, 257, ePn, Pb, 22 22 23.7 -2.4, etc. Lists various stations and their parameters.

TEH 22 22:21:36.5, 36°06'N, 53°21'E, h8km, ML3.5
THR 22 22:21:37.3, 0.9, 36°08'N, 53°16'E, h14km, 7km, ML3.1
ISC 22 22:21:37.0, 0.9, 36°07'N, 0°03.53'19E, 0.02, h10km, n74,
r176°77', Northern and central Iran

IDC 22 22:23:49.8, 1.8, 17:99S:167:46E, h0km, mb4.1/5,
mb1.4/3.6, mb1mx3.8/35, mbtmp4.0/6, ML3.3/1, MS2.7/2,
Ms1.2/7.2, ms1mx2.6/22, Error ellipse: s-maj=50.6km
s-min=30.3km az=130.0

NEIC 22 22:23:51.4, 1.3, 17:87S:163:167E, h10km, 1km,
mb4.3/5, Error ellipse: s-maj=28.6km s-min=4.8km
az=92.0

NOU 22 22:23:55.1, 17:79S:167:43E, h24km, ML4.3/17,
Vanuatu Islands
ISC 22 22:23:53.2, 0.7, 17:92S:167:35E, 0.07, h23km, n29,
r209/29, mb4.2/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, etc. Lists station codes and names.

ISC 22 23:16:15.5:1.2,16.58N,0.10:147.6E:0.2,h35km,n30,

c113Z,mb4.0/15, Mariana Islands region

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

IDC 22 23:31:49.0:5.8,36.58N:82.35E,h0km,mb3.0/1, mb1 3.3/4, mb1mx2.5/1, mbtmp3.3/4, ML3.0/3, MS3.2/1, Ms1 3.2/1, ms1mx2.5/1, 1C-1D, Error ellipse: s-maj=73.6km s-min=32.3km az=25.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AAK, MK31, MKAR, etc.

BJI 22 23:32:16.0:0.0,37.22N:135.45E,h365km,mb4.4/5, mb4.4/5

IDC 22 23:32:18.8:0.9,37.05N:135.127E,h355km,10km, mb3.4/7, mb1 3.5/23, mb1mx3.2/59, mbtmp4.1/23, Error ellipse: s-maj=12.7km s-min=11.3km az=1.0

JMA 22 23:32:18.6:0.1,37.09N:135.35E,h353km,2km,M3.4

ISC 22 23:32:18.3:0.6,37.12N:0.07:135.39E:0.06,h350km,6km, n52,c1521/61,mb3.7/24,Sea of Japan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JKG, JSZ, JWJ, etc.

Table with columns: MKAR, KURB, GUN, GKN, DANN, PYUN, BVAR, KDAD, ILAR, ARU, INK, WRA, ASAR, YKA, FINES, SUMG, PDAR, ULM, SCHO, TXAR. Includes station names and coordinates.

CNRM 22 23:45:58.1,36.29N:8.09W,h54km,ml2.6 INMG 22 23:46:00.4:1.7,36.51N:8.02W,h14km,6km,ML1.4, Error ellipse: s-maj=7.0km s-min=6.8km az=148.0

IGIL 22 23:46:00.4:36.51N:8.03W,h14km,ML1.4 MDD 22 23:46:00.1:1.3,36.49N:8.03W,h20km,7km,mbLg1.7/4, Error ellipse: s-maj=10.2km s-min=7.6km az=7.0, PFXM0, ISC 22 23:45:57.1:1.4,36.44N:0.05:7.97W:0.04,h19km,4km, n49,c1517/76, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PBVD, JAV, PFVI, etc.

Table with columns: PCAS, AKLM, EPLA, MD31, MDT, MVO, OUK, OUZM, OZUM. Includes station names and coordinates.

IDC 22 23:48:18.8:3.8,6.42S:146.10E,h0km,mb3.6/2, mb1 3.9/4, mb1mx3.6/2, mbtmp3.8/4, ML3.0/2, Error ellipse: s-maj=52.5km s-min=35.1km az=43.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG, WRG, ASAR, FITZ, TORD.

IDC 23 00:04:27.2:2.3,2.06S:139.46E,h0km,mb4.0/4, mb1 4.3/5, mb1mx3.9/22, mbtmp4.1/5, ML4.4/1, MS3.5/4, Ms1 3.5/4, ms1mx3.0/30, Error ellipse: s-maj=72.3km s-min=19.7km az=91.0

DJA 23 00:04:28.0:0.6,2.5S:9.13E, h10km, M4.3/5, mb4.6/1, ML4.2/5

NEIC 23 00:04:36.0:0.8,2.2S:0.1:138.68E:0.10,h35km,11km, mb4.2/11, Error ellipse: s-maj=20.8km s-min=12.1km az=246.0

ISC 23 00:04:32.5:0.8,2.09S:0.08:138.87E:0.05,h29km,n36, c2506/30, mb4.1/5, Irian Jaya

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SMPI, GENI, JAY, etc.

TAP 23 00:13:26.4:24.43N:121.91E,h21km,ML1.9,D,Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EWUT, ENA, TWC, etc.

23d 4h

az=41.0
UCR 23 04:35:09.5:2.4, 11:27N:86:14W, h81km, 11km, ML4.3, MW4.0
INET 23 04:35:10.0, 11:27N:86:05W, h92km, MW4.3
SNET 23 04:35:13.5:1.3, 11:34N:86:37W, h88km, 8.4km, ML4.6
ISC 23 04:35:09.9:0.9, 11:29N:09:86:09W, 0.08, h100km, n65,
e138/80, mb3.64, Near coast of Nicaragua

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

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

2015 DEC

Main table with columns: KUU, Kurly, 5.50, 21, Pg, Pb, 04 37 50.8 +1.8, 04 39 07.9. Lists seismic events with station names and magnitudes.

1090

Table with columns: PWL, S, Sn, 04 41 42.7 -3.6. Lists seismic events with station names and magnitudes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, Time, Res. Includes entries like CTGM Chitina Glacie, IMAR Indian Mountain, IL31 Elson Array, etc.

VAO 23 04:40.44.0.7, 21.35S; 69.84W, h10km, mb4.6
NEIC 23 04:41:03.5.1.3, 21.06S; 0.04:68.85W; 0.07, h108km, 3km, mb4.37, Mw4.1/119, ML4.3(GUC), Error ellipse:
s-maj=9.0km s-min=5.1km az=94.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, Time, Res. Includes entries like PBO1 IPOC Station P, PBO1 IPOC Station P, PBO9 IPOC Station P, etc.

Table with columns: PDRB Porto dos Gac, PTGB Pitanga, CLDB Colider, PACAB Pacaembu, etc. Includes various station codes and coordinates.

PGC 23 05:23:20.5.1.3, 50.05N; 130.22W, h10km, MLSn3.0/8, MW3.6/19 211km Wsw of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 23 05:23:21.3.4.5, 50.12N; 130.00W, h0km, mb3.5/2, mb1.3.6/5, mb1mx3.1/35, mbtmp3.4/5, ML3.0/3, Error ellipse: s-maj=68.6km s-min=18.3km az=87.0

ISC 23 05:23:22.3.1.1, 50.17N; 130.07W, h10km, MLSn3.0/8, h11km±17km, n25, r0598/33, Vancouver Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, Time, Res. Includes entries like HOLB Holberg, HOLB Holberg, PACB Port Alice, BC, etc.

THE 23 05:23:46.7, 38.37N; 20.44E, h9km, ML2.4/12, Error ellipse: s-maj=1.2km s-min=0.4km az=275.0

ATH 23 05:23:46.7, 38.37N; 20.48E, h11km, 1km, ML2.5/8, Error ellipse: s-maj=2.1km s-min=0.7km az=281.0

ISC 23 05:23:44.8.0.9, 38.38N; 0.02:20.35E; 0.03, h17km, 6km, n54, r110/91, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, Time, Res. Includes entries like KEF4 Livadi, Keph, KEF4 Livadi, Keph, etc.

Table with columns: KEF3 Kipouria, Keph, KEF3 Kipouria, Keph, KEF3 Kipouria, Keph, etc. Includes various station codes and coordinates.

ISK 23 05:32:56.8, 39.19N; 27.82E, h10km, ML3.5/43, THE 23 05:32:57.5, 39.20N; 27.86E, h7km, 3km, ML3.1/11, Error ellipse: s-maj=9.0km s-min=9km az=116.0

DDA 23 05:32:57.1, 39.17N; 27.82E, h7km, 2km, MW3.3, ISC 23 05:32:57.4.0.9, 39.19N; 0.02:27.82E; 0.02, h13km, 7km, n91, r064/111, 9C-ID, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, Time, Res. Includes entries like STEP BALIKESIR_Sava, STEP BALIKESIR_Sava, STEP BALIKESIR_Sava, etc.

23d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DURS, BUHA, DEMI, DKL, etc.

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

2015 DEC

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

Station information for WRA: WRA Warramunga Arr 16.40 164 Pn Pn 05 48 00.8 -3.9

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

Station information for TXAR: TXAR Lajitas Array 17.84 327 P 06 00 25.1 -0.3

Station information for YKA: YKA Yellowknife Arr 50.30 347 P 06 05 11.8 -0.8

Station information for ILAR: ILAR Eielson Array 62.04 337 P 06 06 36.6 +0.1

Station information for PMG: PMG Port Moresby 3.46 192 P 06 09 13.7 -0.8

Station information for WRA: WRA Warramunga Arr 19.12 222 P 06 12 14.6

Station information for EIDS: EIDS Eidevold 19.50 171 P 06 12 48.9 +0.2

Station information for RMO: RMO Guam 19.69 351 LR 06 20 33.5

Station information for ASAR: ASAR Alice Springs 22.13 216 P 06 13 14.2 -1.6

Station information for ILAR: ILAR Eielson Array 85.13 23 P 06 20 54.8 -0.4

Station information for H08S1: H08S1 Diego Garcia H 9.38 44 T 06 23 45.2

1092

DJA 23 06:13:32.4-0.4, 9'S.2', 12'0E', h19km, mb3.8/7, MLV2.87, Sumba region

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

Station information for WRA: WRA Warramunga Arr 47.51 189 P 06 29 43.1 0.0

Station information for ILAR: ILAR Eielson Array 57.93 29 P 06 30 59.4 0.0

Station information for YKA: YKA Yellowknife Arr 72.35 28 P 06 32 32.6 0.0

Station information for FINE: FINE Finnsnes 7.23 333 P 06 33 00.7 0.0

Station information for REN: REN 23 06:22:36.1 1.1, 2.39'43N, 103.119'79W, 0.04, h6km, mb3.8/7

Station information for NEIC: NEIC 23 06:22:36.1 1.1, 6.39'46N, 103.119'82W, 0.05, h8km, mb3.8/7

Station information for YCNR: YCNR Virginia City 0.21 141 Op P 06 22 40.0 -0.5

Station information for PAHR: PAHR Pah Rah Range 0.42 54 P 06 22 44.1 -0.2

Station information for GNO: GNO Genoa 0.53 183 P 06 22 46.0 -0.4

Station information for ORV: ORV Oroville 1.30 275 Pn 06 23 00.1 -0.5

Station information for RYN: RYN Rye 1.31 275 IAML 06 23 19.9

Station information for KVN: KVN Kaisersville 1.40 106 Pn 06 23 01.1 -1.0

Station information for NVAR: NVAR Mina Array Sea 1.57 130 Pn 06 23 03.8 -0.7

Station information for Q09A: Q09A Qona 2.15 106 P 06 23 14.1 -1.2

Station information for TPH: TPH Tonah 2.86 123 Pn 06 23 18.2 +1.6

Station information for GWA: GWA Greenwater Val 4.11 142 Pn 06 23 38.8 -0.6

1095

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like H17A Grant Village, RLMT Red Lodge, LOHW Long Hollow, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KBZ Khabaz, AKASO Main Array B, AKASG, etc.

23d 6h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MODS Modra-Piesok, VOIRS, MIAR, etc.

az=113.0
NOU 23:07:00.30,5,34:14S:-179:73W,h216km,mb4.5/9,South of
Kermadec Islands
ISC 23:07:00.14,9.0,6.32,97S:005:178:85W,0:10,h45km,
n148,e2512/142,mb4.4/13,South of Kermadec Islands

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

Table with columns: VANDA, KNRA, FITZ, CASY, MORW, MORW, GSPA, GSPA, SNA, SNA, VNA, VNA, VNA, VNA, H03S, H03S, H03S, H03N, H03N, H03N, PLCA, PLCA, FINES, NB2, NOA, NOA. Includes station names like Kununurra, Fitzroy Cross, Morawa, etc.

REN 23:07:05:36.3,0.8,39:44N,0:10:119:78W,0:02,h10km,3km,
ML3.1/11,ML3.0/40(NEIC), Error ellipse: s-maj=2.3km
NEIC 23:07:05:36.2,1.2,39:45N,0:10:119:80W,0:02,h8km,5km,
Error ellipse: s-maj=2.2km s-min=1.9km az=79.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Virginia City, Peavine Mounta, Martis Peak, etc.

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

Table with columns: OWD, baz, Name, Az, El, S, Sn, P, Pn, Time, Res. Includes stations like Dongshan, Datong, Fushou, etc.

Table with columns: NCUH, National Centr, YMO1, Kuangyingshan, LDUT, WCHH, WCHH, NTST, STYH, STYH, WDLH, TWGBT, TWG, TWG, TPUB, TPUB, CHN4, WTP, WTP, WRL, WRL, TWK, CHN1, CHN1, SGST, SNST, SLGT, SLGT, IRIF, IRIF, HATJ, HATJ, TSMG, MASBT, MASBT, EAST, JKRS, JKRS, JJJ, JJJ, KAU, WDGJ, WDGJ, PHUB, PNG, VCHM, IDC, MSVF, AFI, RAO, DZM, HNR, URZ, PPT, STKA, ASAR, ASAR, MJAR, PETK, PFO, ILAR, ANMO, TXAR, IDC, DJA, IDC, Code, Station Name, Az, El, S, Sn, P, Pn, Time, Res.

Table with columns: BKSI, KAPI, KAPI, FITZ, FITZ, WRA, ASAR, SONM, MKAR, AKTO, AKTO. Includes stations like Bulukumba, Kappang, etc.

NOU 23 08:23:15.3, 15:00S-165:77E, h5km, MLv4.6/1, Vanuatu Islands, Vanuatu Islands

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

DJA 23 08:24:23.4, 0.3, 3'N, 2°9'7E, h10km, 5km, M4.5/15, mb4.8/5, mb5.9/1, MLv4.4/15, Mw(15), 5/1

NEIC 23 08:24:2.2, 1.3, 2°53'N, 0°07'96"E, h40km, 9km, mb4.5/19, Error ellipse: s-maj=5.1km s-min=0.5km

IDC 23 08:24:25.2, 4.7, 2°52'N, 96°80'E, h56km, 39km, mb3.9/17, mb1.4/19, mb1mx3.7/60, mbtmp4.2/19, ML4.0/2, MS3.0/2, Ms1.3/2, ms1mx2.8/51, Error ellipse: s-maj=44.5km s-min=13.6km

ISC 23 08:24:24.8, 0.9, 2°60'N, 0°04'96"E, h40km, 9km, mb8.1/37/63, mb4.4/34, Northern Sumatera

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Comitan, Union Juarez, Matias Romero, Lajas Array, Albuquerque, Yellowknife Arr.

DDA 23 10:06:04.1, 36.10N-30.31E, h22km, ML2.8
ISC 23 10:06:06.2, 36.27N-30.16E, h22km, ML3.1/28
ISC 23 10:06:04.4, 1.2, 36.13N-0.05, 30.25E, 0.03, h17km, 7km, n45, c1919/55, Turkey

Main table of seismic data for 23d 10h, listing stations like Antalya-Kumluç, Demre-Antalya, Kas, Burdur, etc.

BJI 23 10:08:44.4+0.0, 6.48S; 155.12E, h6km, mB5.1/22, mb4.8/39, Ms4.7/11, Ms7.4/3/12
IDC 23 10:07:47.3-3.1, 6.80S; 155.04E, h19km, 19km, mb4.5/24, mb1.4/6/27, mb1mx4.4/4/5, mb1mx4.6/27, ML3.5/3, Ms4.0/20, Ms1.4/0/20, ms1mx3.9/38, Error ellipse: s-maj=14.9km s-min=11.8km az=91.0
NEIC 23 10:08:49.8-1.2, 6.87S; 0.07; 155.05E; 0.07, h34km, 5km, mb5.0/106, Error ellipse: s-maj=11.3km s-min=9.8km az=224.0
GCMT 23 10:08:51.8-0.2, 7.11S; 0.02x154.97E; 0.02, h28km, MW5.0/79, Moment Tensor Solution. s51.66z; s79.c108; Duration: 0 Moment tensor: Scale 10^10Nm; Mr3.63z; 19; Mw-2.37z; 11; Mw-1.26z; 12; Mw1.58z; 18; Mw1.77z; 07; Mw-2.00z; 16; Best double couple: Mw4.45200x10^16 NP1z=298.0000z; 326.0000z; 1.75.0000z; VPZ; b=135.0000z; 363.0000z; 138.0000z; Principal axes: T 4.4750, Plg71.0000z, Azm63.0000z; N -0.0460, Plg7.0000z, Azm31.0000z; P -4.4290, Plg17.0000z, Azm219.0000z; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function
DJA 23 10:08:56.7-0.5, 7.54S; 15.5Ez, h78km, 6km, M4.9/15, mb4.8/4, mb4.8/15, ML5.5/3, Mw(mb)4.1/4
ISC 23 10:08:45.6-0.3, 6.86S; 0.05; 155.08E; 0.05, h10km, n316, c092/316, mb5.0/95, MS4.1/26, 2C-2D,

Main table of seismic data for 2015 DEC, listing stations like Rabaul, Keravat, Honiara, Port Moresby, etc.

Main table of seismic data for 1102, listing stations like XAN, XAN, PETK, PETK, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station ID, and other parameters. Includes stations like TIXI, J20K, J20K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station ID, and other parameters. Includes stations like M26K, M26K, M26K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station ID, and other parameters. Includes stations like AKASG, AKASG, AKASG, etc.

Table with columns: I21K, Tanana, 1.37 72 P, Pn, 10 55 32.5 -0.1, etc. Includes station names like Tanana, Lake Minchumina, MLY, BPAW, etc.

Table with columns: INK, Inuvik, 9.26 58 Pn, Pn, 10 57 20.3 -0.5, etc. Includes station names like Nonsavu, Warramunga Arr, ASAR, etc.

Table with columns: SNET, Serv, 1.17 84 eP, Pn, 11 15 26.8 +0.3, etc. Includes station names like Serv, Oficina de Pla, Direccin Gen, etc.

ms1mx2.4/21 Error ellipse: s-maj=26.5km s-min=20.3km

az=157.0

ISC 23 13:39:55.3±0.9, 42.5252N, 0.05:144.35E, 0.03, h50km, 8km,

n55, <0.88/71, mb3.9/11, 12C-11D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like JAK, JOB, AKK, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRAB, WRA, FINES, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AVF, LOR, LOR, etc.

23d 14h

EAF 23 14:47:20.8,1.9,26.19S;29.50E,h10km,MD3.6
BUL 23 14:47:19.1,2.3,26.30S;29.36E,h10km,MD3.8, South

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include CNG Changalane, MOPA Mopani, MSNA Messina, MATP Matopo.

NIED 23 14:57:07.6,31.38N;128.70E,h12km,MW3.5,Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm;

JMA 23 14:57:07.6,31.38N;128.70E,h12km,2km,M3.5,
Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include JSJ Shimokoshihiki, JFU Fukue jima 2, JSU Suzuyama, etc.

NEIC 23 14:59:50.6,1.8,24.40S;0.06E,66.99W,0.09,h148km,5km,
mb4.8/54, Md4.7(SJA), Error ellipse: s-maj=11.8km

SJA 23 14:59:50.7,0.7,24.42S;67.22W,h187km,4km,ML4.7,
MW4.5

IDC 23 14:59:51.6,0.9,24.34S;66.94W,h160km,7km,mb4.3/24,
mb1.4/30,mb1mx3.3/44,mbtmp4.8/30,MS2.3/1

VAO 23 14:59:52.6,0.4,24.31S;67.02W,h178km,mb2.9,
BUI 23 14:59:54.0,0.0,24.40S;67.00W,h148km,mb5.3/3

GUC 23 14:59:54.3,0.7,24.24S;67.85W,h219km,8km,ML5.5,
MW4.9

ISC 23 14:59:51.3,0.6,24.40S;0.03E;67.21W,0.03,h165km,5km,
n246,s1966/285,mb4.7/44,23C-22D, Fault plane

Principal axes: P: P1g7.7570°, Azm275.3090°, N: N1g21.9705°,
Azm8.4592°, N: N1g21.9705°, Azm166.9944°, Fault
plane solution: N1P1:320,14407,880,54895°,
N1:14.82253°, N2:21.059894°, Azm453.94°,
N3:21.62954°, Principal axes: T: T1g31.1284°,
Azm70.4347°, N: N1g24.4633°, Azm324.4875°, P:
P1g48.5192°, Azm203.5181°, Chile-Argentina border
region

Main table for Africa region with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include San Lorenzo, AZAP Zapla, HJA Humahuaca, etc.

2015 DEC

Main table for 2015 DEC with columns: Code, Station Name, Time, Res. Rows include IPOC Station P, IPOC Station P, IPOC Station P, etc.

1108

Main table for 1108 with columns: Code, Station Name, Time, Res. Rows include MACA Manacapuru-AM, MACA Manacapuru-AM, DIAM Diamantina, etc.

23d 15h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Riverview, Sydney Hard Ro, WPHZ, AFI, CTA, etc.

2015 DEC

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like KNRA Kununurra, TBI, PPT2, FITZ, etc.

1110

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like CMAR, CMI, CHTO, HHC, etc.

Table with columns: Code, Station Name, Az, El, Phase, I, Time, Res. Includes stations like BDFB Brasilia, HUMP Col San Antoni, KIV Kislovodsk, etc.

Table with columns: Code, Station Name, Az, El, Phase, I, Time, Res. Includes stations like AHRW Bad Neuenahr, LJU Ljubljana, MYKA Terra Mystica, etc.

Table with columns: Code, Station Name, Az, El, Phase, I, Time, Res. Includes stations like LVC Limon Verde, LVC Limon Verde, PB04 IPOC Station P, etc.

NEIC 23 15:44:59.3,2.0,20.34S:0.04:68.94W:0.08,h107km,5km,mb4-4/15,ML4.5(GUC) Error ellipse: s-maj=11.0km

VAC 23 15:44:59.4,0.5,20.28S:68.84W,h107km,mb4.6 GUC 23 15:45:00.1,0.8,20.36S:68.95W,h106km,4km,ML4.5 IDC 23 15:45:00.6,1.7,20.35S:68.64W,h116km,15km,mb4,1/6,mb1.4,1/10,mb1mx3.8/35,mbtmp4.5/10,Error ellipse: s-maj=26.7km s-min=15.9km az=110.0

ISC 23 15:45:58.9,0.6,20.35S:0.04:68.94W:0.06,h108km,6km,n110,s1909/128,mb4,4/10,6C-2D,Chile-Bolivia border region

Table with columns: Code, Station Name, Az, El, Phase, I, Time, Res. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, etc.

IDC 23 15:54:57.4,6.1,18.40S:176.56W,h0km,mb4,1/3,mb1.4,3/3,mb1mx3.8/35,mbtmp4.1/3,Error ellipse: s-maj=31.5km s-min=49.1km az=148.0

NEIC 23 15:55:12.2,2.8,17.4S:0.2:176.6W:0.2,h126km,17km,mb4,3/18,Error ellipse: s-maj=32.7km s-min=22.5km az=214.0

ISC 23 15:55:04.5,0.1,17.1S:0.1:177.1W:0.1,h35km,n26,s1956/25,mb4,3/13,Fiji Islands region

Table with columns: Code, Station Name, Az, El, Phase, I, Time, Res. Includes stations like NIUE Niue, RAO Raoul Island, BKZ Black Stump Fm, etc.

Table with columns for station ID, name, frequency, and other parameters. Includes stations like Blue Knob Stat, Muntele Rosu, and various N54A, P53A, Q52A, etc. stations.

Table with columns for station ID, name, frequency, and other parameters. Includes stations like WVT Waverly, SLM Saint Louis, CCM Cathedral Cave, and various YKA, YKA, YKA, etc. stations.

Table with columns for station ID, name, frequency, and other parameters. Includes stations like NRK Nori'sk, NRK Nori'sk, NRK Nori'sk, and various P17A, P18A, P18A, etc. stations.

Table with columns for station call letters, frequency, and other details. Includes stations like KMBO, KMBQ, KROSB, LPAZ, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like PMRV, ESDC, ASAR, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like QUA2, N59A, TZTN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Cedar Bluff, Dye2, ARCES Array B, IRIS PASSCAL I, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like BOD Bodaibo, YKA Yellowknife Arr, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like TUMC Tumaco, TUMC Tumaco, OTAV Otavalo, etc.

JMA 23 17:16:48.6±0.1, 44:84N±145:31E, h11km±2km, M2.7
SKHL 23 17:16:49.1±0.3, 44:30N±145:50E, h35km±4km, mb4.1/3
ISC 23 17:16:45.2±2.7, 44:39N±145:57E±0.06, h19km±4km,
n12, 08/44/21, Hokkaido region

Table with columns: Code, Station Name, Az, Alt, P, I, Res, Time, Res, I, S, C, ISC. Includes stations like KBL Kabul, KSH Kashi, CN2 Changchun, etc.

NNC 23 18:30:33.8±2.6, 38°18'N-73°38'E, h0km, mb4.0, mpv3.5, 3C-3D, Error ellipse: s-maj=18.9km s-min=9.9km az=171.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Alt, P, I, Res, Time, Res, I, S, C, ISC. Includes stations like AAK Ala-Archa, IUG Iuzhnay, TKM2 Tokmak 2, etc.

IDC 23 18:35:19.3±0.9, 49°19'N-178°26'W, h0km, mb3.7/11, mb1.4/0/12, mb1mx3.6/52, mbtmp3.7/12, ML3.6/1, Error ellipse: s-maj=29.6km s-min=19.3km az=158.0, AEIC 23 18:35:23.2±4.4, 49°19'N-178°16'W, h0.09, h9km, 5km, Error ellipse: s-maj=13.8km s-min=6.7km az=153.0, NEIC 23 18:35:25.2±1.7, 50°26'N-104°17'W, h16W, 0.09, h25km, 7km, mb4.2/6, Error ellipse: s-maj=8.4km s-min=5.2km az=106.0, ISC 23 18:35:22.1±4.4, 50°09'N-108°17'W, h15W, 0.06, h16km, 28km, n42, 0.12/22/41, mb3.8/11, Andeanof Islands

Table with columns: Code, Station Name, Az, Alt, P, I, Res, Time, Res, I, S, C, ISC. Includes stations like GAEA Gareloi East, TASE Tanaga Southea, KANAG Kanaga Island, etc.

Table with columns: Code, Station Name, Az, Alt, P, I, Res, Time, Res, I, S, C, ISC. Includes stations like PPLA Purkepile, KTH Kantishna Hill, IMAR Indian Mountain, etc.

IDC 23 18:39:53.5±2.2, 23°88'N-121°48'E, h0km, mb3.4/3, mb1.3/7/4, mb1mx3.1/40, mbtmp3.6/4, ML3.6/1, MS4.4/1, MS1.4/4/1, ms1mx3.2/35, Error ellipse: s-maj=72.9km s-min=30.6km az=104.0, NEIC 23 18:39:59.7±1.2, 23°90'N-102°12'66E, 0.06, h38km, 6km, mb4.0/3, ML4.3(TAP), Error ellipse: s-maj=7.9km s-min=1.9km az=108.0, JMA 23 18:39:59.4±0.1, 23°80'N-121°64'E, h40km, 2km, M3.5, TAP 23 18:40:00.6±2.3, 85°N-121°64'E, h37km, ML3.9, B, ISC 23 18:39:59.9±0.9, 23°82'N-102°12'66E, 0.02, h33km, 2km, n151, 0.17/02/29, mb3.4/4, 1C-34D, Taiwan

Table with columns: Code, Station Name, Az, Alt, P, I, Res, Time, Res, I, S, C, ISC. Includes stations like TEYL Yanliu Villag, HWA Hwalien, ESL Shilin, etc.

Table with columns: Code, Station Name, Az, Alt, P, I, Res, Time, Res, I, S, C, ISC. Includes stations like WCS Wuzhoushan, TYC Yuchr, TYC Yuchr, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, h, m, s, ISC, Time, Res. Includes stations like O20A, RDMU, etc.

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

comp=E,0.0nm,0.3s,baz=162,slow=12,SNR=3.8

NOU 23:20:09.50:7.30:11S:178:08W,h223km,mb4.9/38, Kermadec Islands, New Zealand

ICD 23:20:09.55:7.0:29:73S:178:82W,h239km,4km,mb4.3/22, mb1.4/5/24,mb1mx3.2/40,mbtm4.9/24,Error ellipse: s-maj=12.8km s-min=11.1km az=145.0

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes GLKZ, RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Code Station Name Az Az' Op Phase ID h m s ISC Time Res. Includes RAO, RAOUL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DCZ, SANVU, ARMA, EIDS, TARA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GSI, PETK, NJ2, ARVN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PINE, LCMT, I05D, GYA, etc.

Table of astronomical observations for 2023-2025, including stations like ARCES, KTK1, KLMR, and various observation parameters such as frequency, polarization, and position.

Table of astronomical observations for 2025-2026, including stations like GEC2, GERES, WET, and various observation parameters.

ATH 23-20:27.7, 37.81N-21.94E, h19km, 4km, ML1.8/5, Error ellipse: s-maj=4.0km s-min=1.4km az=314.0, Southern Greece

Table of astronomical observations for the ATH 23-20 station, listing station names, coordinates, and observation details.

NIED 23:20:30:17.2, 46:62N-142:45E, h12km, MW4.0, Moment Tensor Solution...

Table of astronomical observations for the NIED 23:20:30 station, listing station names, coordinates, and observation details.

Large table of astronomical observations for 2023-2025, including stations like JBRN, RRR, JSE, and various observation parameters.

ATH 23:20:31:10.9, 38:70N-26:71E, h58km, 4km, ML3.0/4, Error ellipse: s-maj=7.0km s-min=1.6km az=251.0

Table of astronomical observations for the ATH 23:20:31 station, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FOCM Foa, CAND Candarli, BLCB Balcova, etc.

IASPEI 23 20:34:38.7±0.9, 36°57'N, 102°89'62W, 0.03, h15km, 5km, Error ellipse: s-maj=4.0km s-min=3.3km az=114.5, 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

ANF 23 20:34:38.3±0.5, 36°57'N, 102°89'62W, h5km, 5km, ML2.8/8, Error ellipse: s-maj=3.7km s-min=3.4km az=141.0, SLM 23 20:34:38.9±1.5, 36°57'N, 102°01'89'61W, 0.04, h7km, 5km, M2.5/8, mb, Lp2.4/18(NEIC), Error ellipse: s-maj=5.1km s-min=1.3km az=103.0

NEIC 23 20:34:39.0±0.9, 36°56'N, 101°89'63W, 0.04, h12km, 4km, Error ellipse: s-maj=4.6km s-min=1.5km az=99.0, ISC 23 20:34:39.0±0.8, 36°56'N, 102°89'63W, 0.02, h14km, 4km, n59, c064/63, New Madrid region, Missouri

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NMEM New Madrid Sch, MARMO Marston, CATM Catron, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W45A Hickory Valley, W45A Hickory Valley, W45A Hickory Valley, etc.

NCC 23 20:44:30.2±3.2, 38°76'N, 72°53'E, h0km, mb3.9, mpv3.4, 2C-3D, Error ellipse: s-maj=24.1km s-min=16.6km az=10.0, Tajikistan

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

IDC 23 21:02:08.5±4.1, 7°12'S, 77°06'W, h55km, 37km, mb3.0/2, mb1.3/6.3, mb1mx3.3/3.1, mbtrmp3.5/3, ML3.4/1, Error ellipse: s-maj=4.1km s-min=12.9km az=50.0

ISC 23 21:02:08.0±1.2, 7°15'S, 77°06'W, 0.1, h50km, n7, sigma147/9, Northern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATAH Atahualpa, ATAH Atahualpa, NNA Nana, etc.

IDC 23 21:10:59.3±2.7, 43°48'N, 105°21'W, h0km, mb1.3/5.3, mb1mx3.3/4.2, mbtmp3.3/3, ML3.3/3, Error ellipse: s-maj=59.9km s-min=9.6km az=152.0

NEIC 23 21:11:02.0±0.8, 43°78'N, 105°10'52W, 0.04, h0km, 2km, ML3.2/48, Error ellipse: s-maj=9.7km s-min=3.1km az=335.0

ISC 23 21:11:01.5±1.0, 43°79'N, 105°23'W, 0.05, h0km, n37, c056/38, Wyoming

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LOHW Long Hollow, LOHW Long Hollow, MOOV Moses Ponds, etc.

KNET 23 21:16:02.2±0.4, 42°58'N, 75°14'E, h10km, 4km, ml2.7, Error ellipse: s-maj=3.0km s-min=2.3km az=152.0

KRNET 23 21:16:02.9±1.1, 42°58'N, 75°15'E, h13km, mb3.4, Error ellipse: s-maj=4.5km s-min=0.9km az=162.0

SOME 23 21:16:03.3, 42°60'N, 75°12'E, h10km, Error ellipse: s-maj=4.5km s-min=0.9km az=162.0

ISC 23 21:16:03.2±0.9, 42°58'N, 75°13'E, 0.01, h7km, 7km, n8, c151/159, 44C-40D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBK Karagaybulak, KBK Karagaybulak, FRU1 Bishkek, etc.

ISA	Isabella, Lake	74.17	44	P	P	22 39 57.9	+2.9
O02D	Mt. Diablo Mer	74.19	38	P	P	22 39 58.2	+3.1
PETK	Petrolyovsk-	74.19	343	P	P	22 39 54.0	-0.6
PETK	comp-Z, 4.8nm, 0.9s, baz=157, slow=8.8, SNR=3.0					23 05 08.1	
CHGN	Chignik	74.32	9	P		22 39 57.8	+2.6
PHFO	Pinyon Flats 0	74.39	47	P	P	22 39 59.3	+2.9
TPFO	Pinon Flats	74.39	47	P	P	22 39 59.3	+2.9
SWSC	Sam W. Stewart	74.49	48	P	P	22 39 59.1	+2.2
ORV	Oroville	74.57	39	P	P	22 39 57.2	0.0
ORV	comp-Z, 32nm, 1.9s						
ORV	Oroville	74.57	39	P	P	22 39 57.2	0.0
LRMC	Laurel Mtn Rad	74.59	45	P	P	22 39 59.9	+2.3
N02D	Trinity Center	74.74	38	P	P	22 40 00.3	+2.1
O03E	Paynes Creek	74.85	39	P	P	22 40 00.9	+2.1
CWC	Cottonwood Cre	74.88	44	P	P	22 40 01.1	+1.9
M02C	Callahan	74.92	37	P	P	22 40 00.9	+1.6
BELC	Belle Mtn. Jos	74.92	47	P	P	22 40 01.4	+1.9
L02E	Cave Junction	74.99	36	P	P	22 40 02.0	+2.4
MPMC	Manual Prospec	75.05	44	P	P	22 40 02.4	+2.2
MLAC	Mammoth, Mammo	75.07	42	P	P	22 40 02.3	+1.9
GSC	Goldstone, Bar	75.08	45	P	P	22 40 01.4	+1.0
GSC	comp-Z, 19nm, 1.4s						
GSC	Goldstone, Bar	75.08	45	P	P	22 40 01.4	+1.0
GSC	Goldstone, Bar	75.08	45	P	P	22 40 02.4	+2.0
BC3	Big Chuckawall	75.12	47	P	P	22 40 02.6	+2.0
HEC	Hector, Ludlow	75.14	46	P	P	22 40 03.2	+2.5
GLA	Glamis	75.24	48	P	P	22 40 02.5	+1.3
GLA	comp-Z, 18nm, 1.2s						
GLA	Glamis	75.24	48	P	P	22 40 02.5	+1.3
GLA	Glamis	75.24	48	P	P	22 40 03.3	+2.1
K02D	Willamette Mer	75.30	36	P	P	22 40 04.0	+2.6
QSM	Queen of Sheba	75.41	45	P	P	22 40 03.2	+1.1
QSM	comp-Z, 42nm, 1.5s					22 40 08.3	
SBUM	Sibu	75.47	277	P	P	22 40 03.5	+0.6
GMRC	Granite Mounta	75.58	46	P	P	22 40 05.2	+1.9
IRM	Iron Mountain	75.60	47	P	P	22 40 06.2	+2.9
LCH	Last Change Ra	75.62	43	P	P	22 40 04.9	+1.5
GWY	Greenwater Val	75.67	45	P	P	22 40 05.0	+1.1
FURC	Furnace Creek,	75.70	44	P	P	22 40 05.7	+2.0
M04C	Maccoel	75.76	37	P	P	22 40 06.5	+2.3
T04D	Turquoise Moun	75.76	46	P	P	22 40 06.4	+2.1
LUQ	Klamath Falls	75.76	37	P	P	22 40 06.8	+2.7
NVAR	Mina Array Bea	75.88	42	P	P	22 40 07.5	+2.4
NVAR	comp-Z, 323nm, 19.0s, baz=224, slow=8.7, SNR=9.1					23 06 31.8	
NVAR	Mina Array Bea	75.88	42	P	P	22 40 06.5	+1.5
NV11	Mina Array Sit	75.98	42	P	P	22 40 06.3	+0.8
214A	Organ Pipe Nat	76.12	50	P	P	22 40 08.3	+2.0
TPH	Tonopah	76.37	43	P	P	22 40 09.0	+1.2
TPH	Tonopah	76.37	43	P	P	22 40 09.0	+1.2
TPNV	Topopah Spring	76.38	44	P	P	22 40 08.2	+0.4
TPNV	comp-Z, 10.0nm, 1.4s						
TPNV	Topopah Spring	76.38	44	P	P	22 40 08.2	+0.4
TPNV	Topopah Spring	76.38	44	P	P	22 40 09.6	+1.7
PDMCI	Parker Dam, Lak	76.38	47	P	P	22 40 09.6	+1.9
TEY	Ternei	76.56	326	eP	P	22 40 00.9	-7.5
SHPR	Sheep Range	76.86	45	P	P	22 40 11.3	+0.7
SHPR	comp-Z, 35nm, 1.7s					22 40 18.1	
KSM	Kuching	76.98	276	P	P	22 40 11.7	+0.1
J05D	Fort Rock, OR	77.05	37	P	P	22 40 13.7	+2.2
KSRS	Korea Array	77.16	316	P	P	22 40 11.8	-0.1
KSRS	comp-Z, 3.3nm, 0.9s, baz=120, slow=5.3, SNR=8.4					23 10 24.6	
KSRS	Wunju Array Be	77.18	316	P	P	22 40 13.4	+1.3
KSAR	Wunju Array Be	77.18	316	P	P	22 40 13.4	+1.3
PINE	Pine Mountain	77.32	36	P	P	22 40 16.2	+2.0
PINE	comp-Z, 37nm, 1.2s					22 40 20.7	
R11A	Troy Canyon, C	77.59	43	P	P	22 40 15.8	+1.2
R11A	Troy Canyon, C	77.59	43	P	P	22 40 16.0	+1.3
I05D	Terrebonne, OR	77.65	36	P	P	22 40 17.1	+2.4
P18K	Big Mountain,	77.77	10	P	P	22 40 16.3	+1.3
TUC	Tucson	77.79	51	P	P	22 40 18.0	+2.2
TUC	comp-Z, 61nm, 1.9s						
TUC	Tucson	77.79	51	P	P	22 40 18.0	+2.2
TUC	comp-Z, 61nm, 1.9s					22 40 22.7	
TUC	Tucson	77.79	51	P	P	22 40 17.0	+1.2
OZH	Quanzhou	78.03	301	iP	P	22 40 20.3	+3.2
OZH	comp-Z, 530nm, 5.8s						
OZH	comp-Z, 200nm, 17.1s						
F05D	White Salmon	78.57	34	P	P	22 40 21.0	+1.3
USRK	Ussuriysk Ar.	78.57	323	LR	LR	23 10 01.6	
O19K	Port Alsworth	78.68	10	P	P	22 40 20.3	+0.4
O19K	Port Alsworth	78.68	10	P	P	22 40 21.0	+1.1
U15A	North Rim	78.78	46	P	P	22 40 22.2	+0.7
U15A	comp-Z, 46nm, 1.7s					22 40 29.2	
O20K	Slope Mountain	78.86	11	P	P	22 40 22.2	+1.2
BRSE	Bradley Lake S	78.89	12	P	P	22 40 22.4	+1.3
N19K	Bonanza Creek	79.25	9	P	P	22 40 23.5	+0.3
N19K	comp-Z, 29nm, 1.1s					22 40 27.4	
N19K	Bonanza Creek	79.25	9	P	P	22 40 24.5	+1.3
HPIG	comp-Z, 19nm, 0.4s					22 40 25.2	+0.9
PKCU	Pink Cliffs	79.29	45	P	P	22 40 25.6	+1.4
SEW	Seward	79.48	12	P	P	22 40 25.7	+1.4
121A	Cookes Peak, D	80.13	52	P	P	22 40 29.6	+0.9
ZAIG	Zacatecas	80.14	62	P	P	22 40 30.2	+1.1
MDJ	Mudjanjag	80.19	323	P	P	22 40 31.0	+2.5
MDJ	comp-Z, 17nm, 1.5s						
MDJ	comp-Z, 740nm, 6.0s						

BMO	Blue Mountains	80.25	37	P	P	22 40 30.2	+1.2
BMO	comp-Z, 22nm, 1.7s						
RC01	Blue Mountains	80.25	37	P	P	22 40 30.2	+1.2
RC01	Rabbit Creek A	80.33	12	P	P	22 40 29.8	+0.8
DUG	Dugway, Tooele	80.40	43	P	P	22 40 31.0	+1.0
DUG	comp-Z, 13nm, 1.6s						
DUG	Dugway, Tooele	80.40	43	P	P	22 40 31.0	+1.0
DUG	Dugway, Tooele	80.40	43	P	P	22 40 30.9	+1.0
PWL	Port Wells	80.40	12	P	P	22 40 30.2	+0.9
GAMB	Gambell	80.69	1	P	P	22 40 31.3	+0.5
GAMB	comp-Z, 38nm, 1.4s					22 40 36.1	
GAMB	Gambell	80.69	1	P	P	22 40 32.0	+1.3
M22K	Willow	80.88	11	P	P	22 40 33.1	+1.4
KNK	Knik Glacier	80.88	12	P	P	22 40 32.7	+0.8
PMR	Palmer	80.91	12	P	P	22 40 31.9	-0.1
PMR	comp-Z, 27nm, 1.3s						
PMR	Palmer	80.91	12	P	P	22 40 31.9	-0.1
PMR	Palmer	80.91	12	P	P	22 40 34.7	
PMR	Palmer	80.91	12	P	P	22 40 33.0	+1.1
NJ2	Nanjing	80.93	307	eP	P	22 40 32.1	-0.7
TTA	Tatalina	81.04	8	P	P	22 40 34.1	+1.3
TTA	comp-Z, 46nm, 1.3s						
TTA	Tatalina	81.04	8	P	P	22 40 34.1	+1.3
TTA	Tatalina	81.04	8	P	P	22 40 38.2	
TTA	comp-Z, 46nm, 1.3s						
TTA	Tatalina	81.04	8	P	P	22 40 34.0	+1.2
GHO	Glory Hole Cre	81.12	12	P	P	22 40 33.4	+0.2
PLID	Pearl Lake	81.14	37	P	P	22 40 35.0	+1.1
PLID	comp-Z, 55nm, 2.0s					22 40 39.5	
HLID	Halley	81.22	39	P	P	22 40 34.5	+0.2
HLID	Halley	81.22	39	P	P	22 40 35.4	+1.1
CUT	Chulitna	81.45	11	P	P	22 40 36.3	+1.4
CUT	Chulitna	81.45	11	P	P	22 40 35.4	+0.6
CROE	Croesus	81.48	15	P	P	22 40 35.8	+0.6
KLU	Klutina	81.48	13	P	P	22 40 36.0	+0.8
SCM	Sheep Creek Mo	81.49	12	P	P	22 40 36.0	+0.8
MNTX	Cornudas Mount	81.57	53	P	P	22 40 37.7	+1.5
MNTX	Cornudas Mount	81.57	53	P	P	22 40 37.9	+1.7
PPLA	Purkeyville	81.58	10	P	P	22 40 35.8	+0.1
PINM	Pinnacle	81.64	16	P	P	22 40 36.1	+0.1
TLG	Tipa	81.68	69	P	P	22 40 38.1	+0.8
MA2	Magadan	81.73	3431	eP	P	22 40 37.1	+0.7
ANM	Nome	81.73	4	P	P	22 40 37.1	+0.8
BNM	Barren Site	81.73	51	P	P	22 40 38.4	+1.1
KLR	Kul'dur	81.79	327	iP	P	22 40 35.9	-1.1
MVCO	Mesa Verde	81.81	47	P	P	22 40 37.1	-0.5
N25K	Chitina, Valde	81.88	14	P	P	22 40 37.6	+0.3
TX31	Lajitas Ar. Si	81.90	56	P	P	22 40 38.9	+0.8
TXAR	Lajitas Array	81.90	56	P	P	22 40 39.4	+1.2
TXAR	comp-Z, 4.2nm, 1.1s, baz=216, slow=6.2, SNR=17					23 08 48.4	
TXAR	comp-Z, 224nm, 21.9s, baz=0.0, slow=30						
TXAR	Lajitas Array	81.90	56	P	P	22 40 38.5	+0.3
TXAR	Lajitas Array	81.90	56	P	P	22 40 38.5	+0.3
M24K	Tolsona, Glenn	81.98	13	P	P	22 40 38.0	+0.2
CAST	Castle Rocks	82.09	10	P	P	22 40 38.6	+0.4
CAST	Castle Rocks	82.09	10	P	P	22 40 38.6	+0.4
WAT6	Susitna Watana	82.09	12	P	P	22 40 39.0	+0.6
WAT1	Susitna Watana	82.16	11	P	P	22 40 38.6	-0.1
CN2	Changchun	82.20	320	eP	P	22 40 40.8	+1.6
CN2	comp-Z, 10.0nm, 1.2s						
ANMO	Albuquerque	82.22	50	P	P	22 40 39.7	-0.1
ANMO	comp-Z, 41nm, 1.8s						
ANMO	Albuquerque	82.22	50	P	P	22 40 39.7	-0.1
ANMO	Albuquerque	82.22	50	P	P	22 40 46.6	
ANMO	comp-Z, 41nm, 1.8s						
SNY	Shenyang	82.33	318	iP	P	22 40 38.9	-1.0
KTH	Kantishna Hill	82.40	10	P	P	22 40 40.3	+0.3
TRF	Thorofare Moun	82.42	10	P	P	22 40 39.8	-0.3
TRF	comp-Z, 19nm, 1.0s					22 40 45.5	
TRF	Thorofare Moun	82.42	10	P	P	22 40 40.8	+0.7
J20K	Novinta River	82.49	9	P	P	22 40 40.5	+0.2
J20K	comp-Z, 37nm, 1.2s					22 40 45.4	
SKAO	Skagway	82.52	19	P	P	22 40 41.3	+0.8
TNA	Tin City	82.59	2	P	P	22 40 41.5	+0.8
TNA	comp-Z, 36nm, 1.4s					22 40 46.2	
TNA	Tin City	82.59	2	P	P	22 40 41.5	+0.8
DHY	Denali Highway	82.61	12	P	P	22 40 41.5	+0.3
AHID	Auburn Hatcher	82.84	41	P	P	22 40 43.2	+0.3
MCMT	McKenzie Canyo	82.85	39	P	P	22 40 43.3	+0.3
PAX	Paxson	82.89	13	P	P	22 40 42.5	0.0
BPAW	Bear Paw Mtn.	82.90	10	P	P	22 40 42.5	+0.1
MCK	McKinley	82.92	11	P	P	22 40 42.6	0.0

23d 23h

Table with columns: YKA, comp-Z, 120nm, 21.8s, baz=20.0, slow=31, LR, LR, 23 15 13.0, etc. Lists various stations and their parameters.

2015 DEC

Table with columns: BZS, Buzias, 148.85 339, PKP2, PKPbc, 22 48 05.2 -0.8, etc. Lists stations and their parameters.

1132

Table with columns: PTGC, Puerto Gaitan, 7.02 181, eP, Sn, 22 31 43.5 -1.3, etc. Lists stations and their parameters.

GUC 23 23:53:34.5:0.8, 20.54S:69.22W, h112km, 3km, ML4.4
IDC 23 23:53:34.2:0.7, 20.49S:69.04W, h109km, 6km, mb3.7/6,
mb1 3.9/9, mb1mx3.6:25, mbtmp4.1/9, Error ellipse:
s-maj=19.0km s-min=8.3km az=95.0

VAO 23 23:53:35.7:0.4, 20.55S:69.08W, h122km, mb4.4
ISC 23 23:53:37.0:0.5, 20.52S:69.03W, h109km, 5km,
n126, c19/21/11, mb4.2/9, 8C-1D, Northern Chile

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including NBNP, NBPS, NBMA, etc.

WEL 24 00:06:13.0, 39°S, 176°E, h96km, 18km, M2.9/25,
ML2.9/9, MLV2.9/25, Error ellipse: s-maj=0.0km
s-min=0.0km az=83.7, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including TMVZ, ETVZ, NTVZ, etc.

IDC 24 00:23:58.3:0.9, 27.51N:140.14E, h0km, mb3.7/3,
mb1 3.9/3, mb1mx3.4/27, mbtmp3.7/3, Error ellipse:
s-maj=41.7km s-min=21.2km az=89.0, Bonin Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including WRA, YKA, FINES, etc.

IDC 24 01:32:53.0:3.1, 21.70S:179.74W, h0km, mb3.8/3,
mb1 4.2/3, mb1mx3.8/19, mbtmp3.8/3, MS3.3/1, Ms1 3.3/1,
mb1mx2.7/32, Error ellipse: s-maj=295.7km
s-min=35.0km az=163.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including URZ, ASAR, WRA, etc.

NNC 24 01:40:11.4:4.0, 37.44N:72.09E, h1km, 36km, mb3.8,
mpv3.5, Error ellipse: s-maj=43.2km s-min=26.1km
az=158.0

IDC 24 01:40:13.9:1.2, 37.81N:72.56E, h0km, mb3.8/5,
mb1 3.9/7, mb1mx3.5/29, mbtmp3.7/7, ML2.8/2, Error
ellipse: s-maj=20.4km s-min=18.8km az=164.0

ISC 24 01:40:13.2:1.3, 37.6N:0.172E, h10km, n12,
c257/15, mb3.6/5, 6C-1D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including AAK, KK02, TKM2, etc.

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

TUL 24 01:57:59.2:1.3, 36.76N:0.0298E, h6km, 7km,
ML2.8, mb_Lg2.6/24(NEIC), Error ellipse: s-maj=6.3km
s-min=2.6km az=88.0

NEIC 24 01:57:59.5:0.7, 36.74N:0.0298E, h8km, 5km,
Error ellipse: s-maj=6.3km s-min=2.6km az=88.0,
Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including OK032, GCO2, KAN14, etc.

WEL 24 00:06:13.0, 39°S, 176°E, h96km, 18km, M2.9/25,
ML2.9/9, MLV2.9/25, Error ellipse: s-maj=0.0km
s-min=0.0km az=83.7, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including WNOK, X34A, CBKs, etc.

JMA 24 02:14:43.4:0.1, 24.32N:122.96E, h47km, 1km, M3.0
TAP 24 02:14:43.4, 24.33N:122.96E, h44km, ML3.3, C
ISC 24 02:14:43.8:1.2, 24.29N:0.05, 122.97E, h0.03, h43km, 7km,
n66, c082/90, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including YJNG, YOJ, YOY, etc.

Table with columns: Code, Station Name, Az, El, P, SNR, Time, Res. Includes stations like GEC2 GERESS Array S, GERES GERESS Array B, KRLC Kraljick, etc.

Table with columns: Code, Station Name, Az, El, P, SNR, Time, Res. Includes stations like EVGI Lefkada Island, DRAG Dragano-Lefkad, NYDR Nydri-Lefkada, etc.

ATH 24 02:36:45.4, 38.53N-20.53E, h14km, 3km, ML1.0/1, Error ellipse: s-maj=3.5km s-min=0.6km az=84.0, Greece

Table with columns: Code, Station Name, Az, El, P, SNR, Time, Res. Includes stations like MOA Mollin, MOA KBA, MOA MYKA, etc.

Main table with columns: Code, Station Name, Az, El, P, SNR, Time, Res. Includes stations like ARSA Arzberg, ARSA Arzberg, ARSA SOKA, etc.

Table with columns: Code, Station Name, Az, El, P, SNR, Time, Res. Includes stations like LPGA La Plagne, LPL LPL, CABF La Chapelle, etc.

ROM 24 02:38:15.9, 0.3, 42.47N, 0.02, 15.37E, 0.02, h8km, ML2.5/26, Error ellipse: s-maj=2.2km s-min=1.2km az=42.0

Table with columns: Code, Station Name, Az, El, P, SNR, Time, Res. Includes stations like TREM Isola Tremeiti, FRES Fresagrindinar, MELA Melanico, etc.

24d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAN MARTINO, MORI, Pellescritta, MAKARSKA, S. Angelo Dei, etc.

TEH 24 02:41:27.8, 37:56'N, 48:63'E, h6km, ML3.5
THR 24 02:41:27.9, 0.7, 37:52'N, 48:63'E, h14km, mb3.9, Error ellipse: s-maj=23.0km s-min=10.0km az=49.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CASPIAN, SARAB, ZANJAN, GERMİ, BOSTANABAD, etc.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THKV, MAHBAB, IMHD, IMRD, CHTH, etc.

TUL 24 02:43:01.8, 1.3, 36:76'N, 0:02:98.07'W, 0:03, h6km, 6km, ML2.6, mb, Lg2.3/5(NEIC), Error ellipse: s-maj=4.0km s-min=2.3km az=115.0

NEIC 24 02:43:02.4, 0.7, 36:75'N, 0:04:98.00'W, 0:05, h9km, 3km, Error ellipse: s-maj=6.2km s-min=5.0km az=110.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRANT COUNTY, SALT PLAINS, MANCHESTER, etc.

IDC 24 03:25:23.1, 0.9, 21:58'S, 69:35'W, h0km, mb3.7/3, mb1.4/0.4, mb1mx3.7/17, mbtmp3.9/4, ML4.3/1, Error ellipse: s-maj=23.3km s-min=3.4km az=79.0

GUC 24 03:25:41.7, 0.2, 30:36'S, 68:95'W, h102km, 4km, ML2.6, NEIC 24 03:25:41.4, 1.3, 20:32'S, 0:03:68.97'W, 0:07, h102km, 3km, mb4.0/3, ML3.6(GUC), Error ellipse: s-maj=9.6km s-min=4.2km az=75.0

ISC 24 03:25:40.6, 0.7, 20:35'S, 0:04:68.96'W, 0:07, h105km, 7km, s=37, -0899/49, mb3.9/4, 5C-1D, Chile-Bolivia border region

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

1136

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

ISK 24 03:55:26.1, 35:81'N, 30:99'E, h20km, ML2.7/17, NIC 24 03:55:28.9, 0.0, 35:88'N, 30:97'E, h32km, 27km, ML2.9/5, DDA 24 03:55:28.4, 36:03'N, 31:08'E, h40km, 1km, ML2.6, HLW 24 03:55:35.9, 35:31'N, 30:72'E, h25km, 1.6km, MD3.9, ISC 24 03:55:26.9, 1.1, 35:82'N, 0:02:31.03'E, h32km, 12km, n64, -1986/90, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKUM, KEMT, ANTB, GAZI, etc.

Table with columns: BRDR, ISSP, CSS, GULN, GULN, KKBE, KKBE, ASKA, ASKA, ASGA, ASGA, BAGO, BAGO, KMER, KMER, BASM, BASM, OSC1, OSC1, DOGA, DOGA, DOGA, DOGA, KONT, KONT, KONT, KONT, ARG, ARG, ARG, ARG, TURN, TURN, YVAC, YVAC, KZIL, KZIL, YER, YER, LADK, LADK, KIZK, KIZK, KZIK, KZIK, SHUT, SHUT, KDNH, KDNH, ALIN, ALIN, ALIN, ALIN, OSC2, OSC2, OSC2, OSC2, KERG, KERG, KERG, KERG, KOT, KOT, HHAG, HHAG, SUZ, SUZ, HSAF, HSAF, GLL, GLL, GLL, GLL, RYAN, RYAN, TR2, TR2, HFRF, HFRF

IDC 24 03:55:49.3.1.6, 44'69N, 28'14W, h0km, mb3.3/3, mb1.3/9, mb1mx3.3/47, mb1mp3.3/6, MS3.8/1, Ms1 3.8/1, ms1mx2.9/21, Error ellipse: s-maj=108.7km, s-min=31.2km az=98.0, Northern Mid-Atlantic Ridge

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

IDC 24 03:58:10.4.1.4, 44'87N, 28'06W, h0km, mb3.6/8, mb1 3.8/9, mb1mx3.6/48, mb1mp3.6/9, ML3.7/1, MS3.7/10, Ms1 3.7/10, ms1mx3.4/31, Error ellipse: s-maj=36.4km, s-min=19.2km az=19.0

IDC 24 03:58:12.5.1.0, 44'39N, 0'28W, h14km, n14, +0933/9, mb3.5/8, MS3.7/9, Northern Mid-Atlantic Ridge

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

IDC 24 03:46:0.8.3, 37'26S, 52'29E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.7/34, mb1mp3.9/6, MS3.6/5, Ms1 3.5/5, ms1mx2.3/22, Error ellipse: s-maj=30.3km, s-min=28.1km az=109.0

NEIC 24 04:03:48.9.0.6, 37'31S, 0'07E, 52'3E, h10km, n1km, mb4.3/6, Error ellipse: s-maj=34.9km, s-min=10.4km az=80.0

ISC 24 04:03:48.4.0.7, 37'32S, 0'15E, 52'4E, h10km, n25, +068/17, mb4.1/8, MS3.5/5, South Indian Ocean

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

Table with columns: VNA2, VNA3, H01W, H01W3, H01W1, QSPA, QSPA, VVDA, VVDA, TORD, TORD, ASAR, ASAR, CMAR, CMAR, WRA, WRA, WRA, WRA, ILAR, ILAR, YKA, YKA

TUL 24 04:10:47.9.1.1, 36'76N, 0'02E, 98'07W, h0.06, h7km, 6km, ML3.3, mb, Lg2 8/51 (NEIC), Error ellipse: s-maj=6.4km, s-min=2.5km az=89.0

ANF 24 04:10:47.6.0.4, 36'75N, 98'05W, h1km, 2km, ML3.5/11, Error ellipse: s-maj=2.2km, s-min=1.7km, az=14.0

NEIC 24 04:10:48.0.1.3, 36'72N, 0'00E, 98'03W, h0.03, h5km, 7km, OKCF Oklahoma City Error ellipse: s-maj=4.0km, s-min=1.0km, az=84.1

ISC 24 04:10:48.0.1.1, 36'73N, 0'02E, 98'05W, h0.02, h4km, 10km, n80, +057/67, Oklahoma

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

OK029 Liberty Lake 1.05 153 P Pg 04 11 07.8 -0.3

OK033 Mehan 1.13 127 P Pg 04 11 09.4 -0.1

OK034 Bluff Creek, N 1.13 162 P Pg 04 11 09.4 -0.1

OK035 Okite Rd and N 0.53 226 P Pg 04 10 57.9 -0.5

OK036 South Haven SW 0.54 58 P Pg 04 10 58.0 -0.3

OK037 Argonia West S 0.54 16 P Pg 04 10 58.2 -0.2

OK038 Harper NE Stat 0.57 4 P Pg 04 10 58.7 -0.2

OK039 Caldwell North 0.53 40 P Pg 04 10 58.1 -0.1

OK040 E10 Rd and N 0.53 226 P Pg 04 10 57.9 -0.5

OK041 South Haven SW 0.54 58 P Pg 04 10 58.0 -0.3

OK042 Argonia West S 0.54 16 P Pg 04 10 58.2 -0.2

OK043 Harper NE Stat 0.57 4 P Pg 04 10 58.7 -0.2

OK044 Caldwell North 0.53 40 P Pg 04 10 58.1 -0.1

OK045 E10 Rd and N 0.53 226 P Pg 04 10 57.9 -0.5

OK046 South Haven SW 0.54 58 P Pg 04 10 58.0 -0.3

OK047 Argonia West S 0.54 16 P Pg 04 10 58.2 -0.2

OK048 Harper NE Stat 0.57 4 P Pg 04 10 58.7 -0.2

OK049 Caldwell North 0.53 40 P Pg 04 10 58.1 -0.1

OK050 E10 Rd and N 0.53 226 P Pg 04 10 57.9 -0.5

OK051 South Haven SW 0.54 58 P Pg 04 10 58.0 -0.3

OK052 Argonia West S 0.54 16 P Pg 04 10 58.2 -0.2

OK053 Harper NE Stat 0.57 4 P Pg 04 10 58.7 -0.2

OK054 Caldwell North 0.53 40 P Pg 04 10 58.1 -0.1

OK055 E10 Rd and N 0.53 226 P Pg 04 10 57.9 -0.5

OK056 South Haven SW 0.54 58 P Pg 04 10 58.0 -0.3

OK057 Argonia West S 0.54 16 P Pg 04 10 58.2 -0.2

OK058 Harper NE Stat 0.57 4 P Pg 04 10 58.7 -0.2

Table with columns: CCM, LCAR, K31A, 435B, PBMO, FVM, JCT, PHWY, L40A, K22A

IDC 24 04:32:10.8.7.3, 20'59S, 178'39W, h511km, 47km, mb2.9/4, mb1 3.1/5, mb1mx2.7/41, mb1mp3.8/5, Error ellipse: s-maj=156.5km, s-min=24.3km, az=138.0

ISC 24 04:32:09.3.1.7, 20'58S, 0'03E, 178'20W, h0.3, h500km, n8, +0105/9, mb3.5/4, Fiji Islands region

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

IDC 24 04:35:53.1.1.6, 52'83N, 132'62W, h0km, mb3.8/3, mb1 3.6/9, mb1mx3.3/41, mb1mp3.3/9, M3.1/6, MS3.2/5, Ms1 3.3/5, ms1mx3.0/50, Error ellipse: s-maj=27.0km, s-min=11.9km az=37.0

PGC 24 04:35:55.3.1.7, 53'03N, 132'69W, h23km, ML3.6/18, 62km Wsw of Sandspit, Bc Queen Charlotte Islands Region

ISC 24 04:35:56.2.1.0, 53'04N, 0'03E, 132'50W, h0.04, h17km, 6km, n45, +190/64, mb3.9/3, Queen Charlotte Islands region

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

TUL 24 04:38:53.5.1.1, 36'42N, 0'02E, 98'13W, h0.02, h5km, 7km, ML2.7, mb, Lg2 5/14 (NEIC), Error ellipse: s-maj=2.5km, s-min=2.0km az=167.0

NEIC 24 04:38:53.6.0.7, 36'39N, 0'02E, 98'10W, h0.01, h5km, 2km, n

24d 5h

Error ellipse: s-maj=3.1km s-min=2.8km az=334.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like CROK Carrier, OK032 Salt Plains WL, etc.

TUL 24 04:40:37.5-1.3, 36.49N, 0.02-98.50W, 0.02, 14km, 7km, ML3.3, mb_Lg3, 2/68(NEIC), Error ellipse: s-maj=3.4km s-min=2.2km az=153.0

ANF 24 04:40:37.8-0.3, 36.44N, 98.46W, h5km, ML3.7, Error ellipse: s-maj=2.7km s-min=2.4km az=15.0

NEIC 24 04:40:37.6-1.2, 36.48N, 0.01-98.50W, 0.02, h5km, 2km, Error ellipse: s-maj=3.1km s-min=2.9km az=288.0

ISC 24 04:40:37.9-1.1, 36.48N, 0.02-98.49W, 0.02, h6km, 10km, n83, 0.97170, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like OK035 E0210 Rd and N, OK032 Salt Plains WL, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Z38A Mt. Pleasant, N33A J Bar K, Exete, etc.

BUL 24 04:59:25.9-1.2, 24.23S, 28.59E, h0km, 63km, MD3.8, EAF 24 04:59:27.0-0.3, 24.13S, 28.42E, h5km, 19km, MD3.7,

South Africa

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

NEIC 24 05:08:56.6-1.3, 23.91S, 0.10-179.6W, 0.1, h49km, 9km, mb4, 9/20, Error ellipse: s-maj=18.6km s-min=13.8km az=80.0

BUI 24 05:08:57.8-0.0, 24.23S, 179.74W, h536km, mb4, 8/7, mb4-4/7

IDC 24 05:08:58.7-1.5, 23.93S, 179.92W, h507km, 15km, mb4, 3/11, mb1, 4.3/14, mb1mx3, 8/38, mb1m5, 2/14, Error ellipse: s-maj=18.7km s-min=14.9km az=26.0

NOU 24 05:08:58.0, 23.83S, 179.47W, h536km, mb4, 8/58, South of Fiji Islands

ISC 24 05:08:57.2-0.4, 23.86S, 0.06-179.52W, 0.07, h512km, n177, 0.1935/188, mb4, 9/50, 30C-30, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like RAO Raoul Island, RAO Raoul Island, etc.

1138

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like EIDS Eidsvold, MGCD Mangrove Creek, etc.

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES, FINES, MARS, AKAG, SORM, BRTR, CFR, TPGR, BUR08, BURAR, HARR, MANR, LEF, TRPA, DOPR, CJR, LANS, OSTC, VOIR, CHVC, UPC, DPC, MORC, KRKC, CLL, CLL, CLL, COLL, ARR, DRGR, PVCC, VRAC, SIRR, GZR, BZS, HEHR, KVIC, KHC, KRKC, GERES, BCLA, RVS, VCHS, DOU, TIP, TORO, TORO, TORO.

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MJAR, KRSR, INCN, SHL, SONM, KAAM, CASY, PET, NIL, MK31, MK31, MKAR, MKAR, MAZK, MAZK, KBL, ZAAO, ZAAO, ZALV, ZALV, KURRB, KURRB, KURK, KURK, CHGR, KKRK, VVND, IDG, WEL, ISC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BOSA, LSA, SBJM, GEYT, HO1W, HO1W2, MORW, HO1W1, BTK, BTK, NWAO, NWAO, FITZ, MAW, KBZ, MK31, MKAR, MKAR, ABKAR, KURK, KURK, TIRR, ASAR, ASAR, ASAR, ASAR, WRA, WRA, WRA, SONM, SONM, SONM, SONM, BURAR, AKAG, AKAG, AKBB, AKBB, TORO, TORO, TORO, KEST, STKA, MORC, MORC, KSRS, KLMR, KLMR, GERES, VNA1, VNA3, FINES, MDJ, NRK, NRK, VJND, ESDC, ESDC, NOA, YSS, PETK, YKA, PDAR, NVAR.

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

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

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

ASAR Alice Springs 8422 126 P 07 59 33.9 -2.9

IDC 24 07:49:00.2.6.1.31.86S:179.68E,h409km,67km,mb3.3/3, mb1 3.8/4,mb1mx3.3/22,mbtmp4.4/4, Error ellipse: s-maj=75.2km s-min=33.2km az=8.0.

WEL 24 07:49:03.8.0.6.32.1.7.9W:1.6,h353km,10km, M4.0/22,mbA.6/22,ML5.0/25,MLV4.9/21,MW(mB)3.8/22, Error ellipse: s-maj=0.0km s-min=0.0km az=113.0

ISC 24 07:48:58.5.1.0.32.01S:008.179.9W:0.1,h400km,n87, c248/107,mb3.6/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Green Lake, Matakaoa Point, etc.

IDC 24 07:59:14.9.59.0, 19.24S:177.89W,h0km,mb3.8/3, mb1 4.0/3,mb1mx3.7/21,mbtmp3.8/3, Error ellipse: s-maj=1089.0km s-min=167.3km az=81.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Stephens Creek, Warramunga Arr, etc.

JMA 24 08:09:57.3.0.1.38.47N:142.08E,h49km,P km, M3.7, 4C-5D Broadband fault plane solution: P waves: NP1: 170.00000, S20.00000, A22.00000. NP2: 0.281.00000, 883.00000, A109.00000. Principal axes: T P1g35.0000, Azm27.0000, N P1g19.0000, Azm283.0000, P P1g49.0000, Azm170.0000. Near east coast of eastern Honshu

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

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

IDC 24 08:26:16.8.6.1.36.38N:70.75E,h197km,50km,mb3.3/6, mb1 3.4/11,mb1mx2.9/60,mbtmp3.9/11 Error ellipse: s-maj=52.9km s-min=23.5km az=45.0. NNC az=08:26:21.5.3.5.36.38N:70.33E,h183km,40km,mb3.2, mb1 4.2, Error ellipse: s-maj=31.2km s-min=19.1km az=10.0

ISC 24 08:26:18.2.1.2.36.6N:01.70.5E:0.1,h204km,n27, c130/31,mb3.3/5,4C-5D,Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Almayashu, Uchtor, Karatay Array, etc.

KRNET 24 08:30:43.6.0.1.40.39N:73.22E,h14km,mb2.7 NNC 24 08:30:45.5.1.8.40.44N:73.24E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=14.9km s-min=7.0km az=169.0

SOME 24 08:30:55.4.40.88N:73.7E,h10km ISC 24 08:30:44.3.1.2.40.33N:01.03.73.13E:0.02,h0km,n11km, n33,c132/55,23C-5D,Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Osh, Sufi-Kurgan, Karamyk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Tokmak 2, Karatay Array, Kastele, etc.

IDC 24 08:31:34.2.1.4.6.98S:155.58E,h0km,mb3.8/8, mb1 4.0/8,mb1mx3.7/29,mbtmp3.8/8, Error ellipse: s-maj=49.3km s-min=23.5km az=120.0

ISC 24 08:31:41.3.1.3.7.05O:0.2,155.5E:0.3,h50km,n11, c073/8,mb3.6/8,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Warramunga Arr, ASAR, H11S3, etc.

IDC 24 09:06:06.8.0.9.4.42S:129.749E,h0km,mb4.1/6, mb1 4.3/8,mb1mx3.7/54,mbtmp4.2/8,ML4.0/2, Error ellipse: s-maj=45.7km s-min=17.6km az=70.0

ISC 24 09:06:08.1.2.4.4.34S:0107.129.8E:0.1,h10km,n16km, n16,c156/15,mb4.1/6,Banda Sea

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

IDC 24 09:10:09.9.0.9.4.34S:129.71E,h0km,mb4.1/7, mb1 4.2/10,mb1mx3.7/48,mbtmp4.1/10,ML3.7/3, Error ellipse: s-maj=38.8km s-min=17.6km az=77.0

ISC 24 09:10:11.0.0.8.4.43S:0107.129.8E:0.1,h10km,n11, c059/13,mb4.1/7,Banda Sea

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

24d 9h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR, SONMI, MKAR, ZALV, KURBB, BVAR.

JMA 24 09:11:33.2-0.2, 24.00N, 121.84E, h10km, 4km, M3.0
TAP 24 09:11:34.6, 24.06N, 121.79E, h22km, ML3.9, B
ISC 24 09:11:34.0-1.0, 24.03N, 0.02-121.83E, 0.02, h16km, 8km, n104, o065/186, 9C-11Z, Taiwan

Main table for 24d 9h section, listing station codes, names, coordinates, and seismic data.

2015 DEC

Main table for 2015 DEC section, listing station codes, names, coordinates, and seismic data.

1144

Table for 1144 section, listing station codes, names, coordinates, and seismic data.

NNC 24 09:55:22.8-1.9, 53.79N, 90.56E, h0km, mb3.7, mpv3.4, 8C-5D, Error ellipse: s-maj=13.7km s-min=10.2km az=58.0, Suspected Mining explosion, Southwestern Siberia

Table for 1144 section, listing station codes, names, coordinates, and seismic data.

THE 24 09:56:56.7, 38.46N, 20.48E, h2km, 19km, ML2.8/8, Error ellipse: s-maj=19.3km s-min=0.2km az=0.0
ATH 24 09:56:57.0, 38.45N, 20.55E, h7km, 1km, ML2.5/9, Error ellipse: s-maj=2.3km s-min=0.8km az=276.0
ISC 24 09:56:55.3-0.8, 38.47N, 0.02-20.47E, 0.03, h15km, 5km, n40, o1937/63, Greece

Main table for 1144 section, listing station codes, names, coordinates, and seismic data.

Table with columns: ANX, comp, AML, AML, 09 57 42.5, etc. Lists various stations and their frequencies.

Table with columns: PKVZ Pokaka, 1.68 219 P Pn, 10 19 23.2+1.5, etc. Lists various stations and their frequencies.

Table with columns: BBLs Lazi#263;i, 1.67 152 ePg Pn, 10 39 42.1-0.2, etc. Lists various stations and their frequencies.

IDC 24 09:56:52.7z, 1.4, 83S, 153.69E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.7/39, mbtmp3.8/6, MS2.8/1, M1 2.8/1, m1mx2.5/32, Error ellipse: s-maj=75.6km s-min=27.9km az=109.0

ISC 24 09:57:01.5z, 1.7, 49S, 0.3, 153.4E, 0.3, h56km, n8, c0599/10, mb3.9/6, New Ireland region

Table with columns: Code, Station Name, A, AZ, Op, Phase, ISC, h, m, s, ISC, Time, Res. Lists stations like Port Moresby, Warramunga Arr, etc.

IDC 24 10:18:48.1, 38.06S, 176.92E, h179km, MLV4.3/10, North Island, New Zealand

WEL 24 10:52:59.0, 8.38 S, 3x17.7E, h128km, gkm, M3.7/69, ML3.6/8, MLV3.7/69, Error ellipse: s-maj=0.0km s-min=0.0km az=120.8

ISC 24 10:18:48.1, 9.3738S, 0.06, 176.70E, 0.06, h173km, 10km, n162, c127/167, North Island

Table with columns: Code, Station Name, A, AZ, Op, Phase, ISC, h, m, s, ISC, Time, Res. Lists stations like Manawaha, Edgcombe, etc.

IDC 24 10:27:13.6z, 3.1, 0.87S, 137.19E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.4/28, mbtmp3.4/3, ML3.3/1, Error ellipse: s-maj=122.1km s-min=29.4km az=81.0, Irian Jaya region

WRA Warramunga Arr 19.16 188 P Pn, 10 31 38.8 0.0

ASAR Alice Springs 26.52 223 P P, 10 02 33.6 -0.5

MKAR Makarachi Arr 80.77 319 P P, 10 09 09.7 +0.5

KRSZO 24 10:39:12.7, 1.0, 45.31N, 18.28E, h5km, 7km, ML3.2/15, Error ellipse: s-maj=2.6km s-min=2.1km az=31.0

RHSSO 24 10:39:13.8, 0.0, 25.26N, 18.31E, h4km, 1km, ML2.9/20, PRU 24 10:39:13.8, 0.0, 45.35N, 18.24E, h3km

BEQ 24 10:39:15.2, 0.5, 45.25N, 18.35E, h20km, 4km, ML2.7/10, VIE 24 10:39:16.9, 0.8, 45.46N, 17.87E, h0km, mb2.4/6, ML2.4/11, Error ellipse: s-maj=7.3km s-min=6.1km az=33.0, 36 km NNW of Slavovnik RD Suspected Mining explosion.

ISC 24 10:39:11.7, 0.7, 45.35N, 0.02, 18.32E, 0.01, h0km, n109, c1501/180, 11C-8D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, A, AZ, Op, Phase, ISC, h, m, s, ISC, Time, Res. Lists stations like Dobo, Dob, Blijelina, etc.

NOU 24 10:18:48.1, 38.06S, 176.92E, h179km, MLV4.3/10, North Island, New Zealand

WEL 24 10:52:59.0, 8.38 S, 3x17.7E, h128km, gkm, M3.7/69, ML3.6/8, MLV3.7/69, Error ellipse: s-maj=0.0km s-min=0.0km az=120.8

ISC 24 10:18:48.1, 9.3738S, 0.06, 176.70E, 0.06, h173km, 10km, n162, c127/167, North Island

Table with columns: Code, Station Name, A, AZ, Op, Phase, ISC, h, m, s, ISC, Time, Res. Lists stations like MARZ Manawaha, EDRZ Edgcombe, etc.

IDC 24 10:39:12.7, 1.0, 45.31N, 18.28E, h5km, 7km, ML3.2/15, Error ellipse: s-maj=2.6km s-min=2.1km az=31.0

RHSSO 24 10:39:13.8, 0.0, 25.26N, 18.31E, h4km, 1km, ML2.9/20, PRU 24 10:39:13.8, 0.0, 45.35N, 18.24E, h3km

BEQ 24 10:39:15.2, 0.5, 45.25N, 18.35E, h20km, 4km, ML2.7/10, VIE 24 10:39:16.9, 0.8, 45.46N, 17.87E, h0km, mb2.4/6, ML2.4/11, Error ellipse: s-maj=7.3km s-min=6.1km az=33.0, 36 km NNW of Slavovnik RD Suspected Mining explosion.

ISC 24 10:39:11.7, 0.7, 45.35N, 0.02, 18.32E, 0.01, h0km, n109, c1501/180, 11C-8D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, A, AZ, Op, Phase, ISC, h, m, s, ISC, Time, Res. Lists stations like Dobo, Dob, Blijelina, etc.

IDC 24 10:39:12.7, 1.0, 45.31N, 18.28E, h5km, 7km, ML3.2/15, Error ellipse: s-maj=2.6km s-min=2.1km az=31.0

RHSSO 24 10:39:13.8, 0.0, 25.26N, 18.31E, h4km, 1km, ML2.9/20, PRU 24 10:39:13.8, 0.0, 45.35N, 18.24E, h3km

BEQ 24 10:39:15.2, 0.5, 45.25N, 18.35E, h20km, 4km, ML2.7/10, VIE 24 10:39:16.9, 0.8, 45.46N, 17.87E, h0km, mb2.4/6, ML2.4/11, Error ellipse: s-maj=7.3km s-min=6.1km az=33.0, 36 km NNW of Slavovnik RD Suspected Mining explosion.

ISC 24 10:39:11.7, 0.7, 45.35N, 0.02, 18.32E, 0.01, h0km, n109, c1501/180, 11C-8D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, A, AZ, Op, Phase, ISC, h, m, s, ISC, Time, Res. Lists stations like Dobo, Dob, Blijelina, etc.

24d 11h

MOTA Moosalm 5.38 294 ePn Pn 10 40 33.7 +0.3
FETA Feichten 5.53 290 ePn Pn 10 40 36.6 +1.1
FETA comp=2.0,3nm,0.3s eSn Sn 10 41 39.2 -0.5

IDC 24 10:42:14.8:0.6,35:58S:72:89W,h0km,mb4.4/11,
mb1 4.4/15,mb1mx4.3/31,mbmp4.3/15,ML4.0,MS3.6/6,
ms1 3.6/6,ms1mx3.3/22,Error ellipse: s-maj=24.8km
s-min=15.2km az=91.0

NEIC 24 10:42:16.6:35:49S:73:02W,h21km,Moment Tensor
Solution, Moment Tensor: Scale 1015Nm, h3,0.02,
M=0.49; Mw=2.53; M=0.53; Mw=0.42; Mw=0.71; Fault
plane solution: M2 890000:1015; NP1=19.530000;
546.740000; 1.101.580000; NP2=182.880000; 844.480000;
1.77.960000; Principal axes: T 3.1021,Plg82.0000;
Azm4.0000; N -0.4881,Plg8.0000; Azm192.0000; P
-2.6140,Plg1.0000; Azm1100.0000

NEIC 24 10:42:17.1:1.5,35:50S:0:05:73:0W:0.1,1h7km,3km,
mb4.8/39,Mwr4.2/43,ML4.7(GUC) Error ellipse:
s-maj=12.0km s-min=7.8km az=94.0

VAO 24 10:42:17.6:0.7,35:47S:72:97W,h18km,mb4.5
GUC 24 10:42:18.5:0.7,35:45S:72:99W,h39km,7m,ML4.7
ISC 24 10:42:17.0:0.5,35:49S:0:05:73:0W:0.06,h4km,n156,
c=851.17,mb4.7/27,MS3.7/4,1C-1D,Near coast of
Central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists various stations like GO05 Huala, ML02 Panimavida, BO01 Tunca, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like MCO1 Montes Claros, ALF01 Guarapari-ES, PEXB Peixe, etc.

1146

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like NEST Nestorio, KBN Korca, KBR Kuzun, etc.

MAN 24 11:41:47.2,9:40N:126:19E,h19km,mb4.8,ML3.7,MS3.6
IDC 24 11:41:52.0:2.9,9:55N:126:48E,h100km,29km,mb3.6/14,
mb1 3.8/15,mb1mx3.6/9,mbmp4.0/15,MS2.9/3,
Ms1 2.9/3,ms1mx2.6/50,Error ellipse: s-maj=28.8km
s-min=15.0km az=82.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like GLSP General Luna, SCPH Surigao, BIPH Bislig, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like MKAR, KKAR, SEY, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like HWUT, ISCO, RDMU, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like WRA, ASAR, STKA, etc.

IDC 24 12:02:15.61, 1.2, 31.06N, 56.88E, h0km, mb3.6/8, mb1 3.7/11, mb1mx3.5/5.3, mbtmp3.6/11, ML3.6/3, Error ellipse: s-maj=35.2km s-min=22.5km az=111.0

IDC 24 12:01:53.4:10.0, 1.80N, 126.71E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.2/4.5, mbtmp3.6/3, MS3.9/1, Ms1 3.9/1, ms1mx2.5/3.4, Error ellipse: s-maj=169.6km s-min=158.5km az=84.0, Northern Molucca Sea

24d 14h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA4 Sanae, etc.

WEL 24 13:06:56.51, 1.2, 32.84S:178.31W, h0km, mb4.2/3, mb1.4/4, mb1mx4.0/25, mbtmp4.2/4, ML4.0/1, Error ellipse: s-maj=44.2km s-min=34.0km az=63.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, WMGZ Waioamatatini S, PKGZ Pakihiroa, etc.

2015 DEC

Main table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FINES FINESS Array B, FINES FINESS Array R, WEL 24 13:40:03.9, etc.

1152

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Stat, PLCA Pas Eros, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like SAPULUT, MAPAGA, MARISA, AMPANA, GORONTALO.

ATH 24 17:15:19.4, 0.6, 3'N, 5°11'8"E, h17km, 6km, M3.8/7, mb3.9/5, mb4.8/1, MLV3.8/7, Mw(mb)4.0/1, Borneo ellipse: s-maj=8.9km s-min=1.8km az=43.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like ARKHANGELOS, KASTELLORIZON, KASTELLORIZON.

ATH 24 17:15:24.6, 0.0, 35°36'N-28°32'E, h9km, 1km, M3.8/4 DDA 24 17:15:24.6, 0.0, 35°36'N-28°32'E, h9km, 1km, M3.8/4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like ARKHANGELOS, KASTELLORIZON, KASTELLORIZON.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like TURUNC, AKAS, FETHIYE, DATCA, NISIRO, ZAKROS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like YERKESIK, BDRM, BDRM, BODT, MULA, ELIMAI, CAEL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like AKUM, AKUM, AKUM, GOLHISAR, DENIZLITAVAS, TAVATAVA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like NPS, NPS, NPS, NPS, DDIM, AYDIN, KORT, KORT, KORT.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like THR8, THR8, SANTSANTORINI, SANTSANTORINI, SANTSANTORINI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like BUCABURDUJ, APEAPEIRANTHOS, APEAPEIRANTHOS, APEAPEIRANTHOS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like SIVAS, DGB, KARAHALLI, ZEVE, QSC1, URCLA, KZIL, VAM, VAM, MHLO, USAK, AKMAS, AKMAS.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like IMMV, IMMV, SEDI, SEDI, SEDI.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like NATA, ZEDA, OSC2, ASGA, ASGA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like CSS, CSS, KDH, KDH, KDH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like GULLI, MERSIN, MIVU, BAYC, SLUM, SLUM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like ALIN, KOT, HHAG, HSAL, GLLF, TR2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like STON, LSTV, MAKAK, RICCI, HVAR, PLIT, MORI, UDBI, DUGI, KUV, NVLJ, SMRN, BRJN, KONA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like MOA, WATA, SQTA, FETA, DAVA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like WHYH, BBOO, BBOO, BBOO, BBOO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like HTT, HTT, AUMAR, LCRK, LCRK, MULG, MULG, STKA, STKA.

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

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

NNC 24 17:51:28.1, 2.3, 38°28'N-73°20'E, h5km, 9km, mb3.8, mpv3.3, 2C-3D, Error ellipse: s-maj=16.6km s-min=1.8km az=168.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like MRKS, MRKS, AAK, IUG, IUG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like TKM2, TKM2, KST, KST, KST.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like KK02, KK02, SGDS, SGDS, KRBS, KRBS.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like KEF4, KEF4, KEF4, KEF4, KEF4.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like KEF3, KEF3, KEF3, KEF3, KEF3.

Table with columns: Code, Station Name, Az, El, P, H, M, S, ISC, Time Res, H, M, S, ISC. Includes stations like ROSC El Rosal, HELC Santa Helena, UREC San Jos de Ur, SOCV Socops, GUY2C Guyana, Caldass, VILC Villavicencio, LL6C La Loma 6 Bece, CBOC Ciudad Bolivar, DBBC Dabeiba, ANIL Santa Ana, ANIL Prado, ORTC Ortega, Tolima, SJCC San Jacinto, GUVG San Jose del G, MACC Macarena, Meta, BETC Betania, TXAR Lajas Array, PDAR Pinedale Array, YKA Yellowknife Ar, ASAR Alice Springs, WRA Warramunga Ar, REN 24 19:14:46.5, 2.6, 37.41N, 0.03:118.51W, 0.04, h8km, 6km, Error ellipse: s-maj=4.9km s-min=4.5km az=224.0, NCEDC 24 19:14:46.5, 2.5, 37.41N, 0.03:118.51W, 0.02, h7km, 6km, Error ellipse: s-maj=4.9km s-min=4.2km az=199.0, ANF 24 19:14:46.6, 1.9, 37.38N, 0.03:118.51W, h4km, 4km, ML3.7/18, Error ellipse: s-maj=4.5km s-min=3.4km az=38.0, NEIC 24 19:14:46.6, 1.9, 37.45N, 0.03:118.48W, 0.04, h2km, 9km, Error ellipse: s-maj=5.2km s-min=4.5km az=218.0, ISC 24 19:14:46.2, 1.0, 37.45N, 0.02:118.47W, 0.02, h7km, 9km, n95, c111/110, California-Nevada border region

Table with columns: Code, Station Name, Az, El, P, H, M, S, ISC, Time Res, H, M, S, ISC. Includes stations like MTUM Tungsten Hills, MLAC Mammoth, MLAC Doe Ridge, TIN Tinemaha, MRDM Red Cones, MDCM Deadman Creek, KCC Kaiser Creek, KCC Kaiser Creek, LCH Last Change Ra, LHV Little Huntoon, LHV Mount Wilson, HELL Mitchell Peak, GRAC Grapevine Rang, GRAC Mammoth, NVAR Mina Array Bea, NV11 Mina Array St, CWC Cottonwood Cre, TPH Tonopah, RYN Ryan, VOG Valley Oaks Go, VOG Manual Prospec, MPMC Manual Prospec, FURC Furnace Creek, FURC Columbia Colle, CMB Kaiserville, KVN Topopah Spring, YERR Yerington, VES Vestal, Richgr, VES Isabella, Lake, ISA Isabella, Lake, TPNV Topopah Spring, TPNV Topopah Spring

Table with columns: Code, Station Name, Az, El, P, H, M, S, ISC, Time Res, H, M, S, ISC. Includes stations like PNTR Pine Nut, PNTR Domengine Ranc, PNTR Queen of Sheba, QSM Emerald Bay, LRMC Laurel Mtn Rad, LRMC Virginia City, RUBR Rubicon Trail, MPK Martis Peak, THS Antelope Grade, PAGR Antelope Grade, PMPB Monarch Peak, PKD Bear Valley Ra, TRAM Private Proper, GBMI San Benito, PACP Pacheco Peak, COSM Mount Oso, ARVC Arvin, TCHL Shandon, SHOC Shoshone, TCHO Shoc, PAHR Pah Rah Range, BLRM Lewis Ranch, HFEM San Felipe, TSCN Private Proper, R11A Troy Canyon, R11A Troy Canyon, SAO San Andreas Ge, SCZ Santa Cruz, HSFM Saint Francis, BJCM Johnson Can, GSC Goldstone, Bar, GSC Goldstone, Bar, MHC Mount Hamilton, EDWZ Edwards Air Fo, BSMM Soledad Missio, WENL Wente Vineyard, RAMR Ramage Ranch, HAST Hastings Reser, PRN Pahroc Range, BDM Black Diamond, PKM McPherson Peak, PAMP Alder Peak, SHPR Sheep Range, OSI Osito Audit: C, OSI Osito Audit: C, BMN Battle Mountai, BMN Battle Mountai, ORV Oroville, MWC Mount Wilson, MWC Mount Wilson, SPR3 Spring Creek 3, GDXM Geysers, PSUT Pine Spring, CCUT Cedar City, PFO Pinyon Flats O, LCMT Little Creek M, SZCU Shurtz Canyon, KNB Kanab, MOD Modoc Plateau, MOD Modoc Plateau, PKCU Pink Cliffs, MTPU Mount Pierson, MWU Marysvale, MSU Marysvale, DUG Dugway, Tooele, BUAG Big Grassy Mou, WUJZ Wupatki, HVU Hansel Valley, MFID Camas Ranch, TAP 24 19:18:31.8, 23.97N, 121.05E, h7km, ML4.1, C, JMA 24 19:18:31.1, 0.1, 23.97N, 121.04E, h4km, M3.4, ASIES 24 19:18:32.9, 2.0, 23.92N, 0.03:121.13E, 0.04, h10km, 1km, mb4.0/5, ML4.2(TAP), Error ellipse: s-maj=7.7km s-min=2.9km az=150.0, IDC 24 19:18:32.0, 9.2, 24.06N, 121.17E, h0km, mb3.6/8, mb1.3/8.0, mb1mx3.5/4.6, mbtmp3.7/10, ML3.3/2, MS3.3/3, Ms1.3.3, ms1mx2.9/5.0, Error ellipse: s-maj=28.2km s-min=18.7km az=66.0, ISC 24 19:18:32.7, 0.8, 23.98N, 0.01:121.05E, 0.01, h5km, 6km, n171, c099/280, mb3.7/10, MS3.3/3, 14C-20D, Taiwan

Table with columns: Code, Station Name, Az, El, P, H, M, S, ISC, Time Res, H, M, S, ISC. Includes stations like SMLT Sun Moon Lake, SMLT Yuchi, TYC Yuchi, SSSLB Suanglung, SSSLB Suanglung, SSSLB Suanglung, WHF Hehuan Shan, WHF Hehuan Shan, TDCB Techu, TDCB Techu, TWT Tachien, TWT Tachien, WHP Taichung City, WHP Taichung City, FUSS Fushou, FUSS Fushou, WWF Wufeng, WJWS Zhushan, WNT1 Nantou City, WNT1 Nantou City, WNT1 Mingjian, WNT1 Mingjian, TCU Taichung, TCU Taichung, ESL Shilin, ESL Shilin, ETM Tongmen, ETM Tongmen, TWQ1 Liyutan, TWQ1 Liyutan, ETLH Xiulin Townshi, EGFH Guangfu, EGFH Guangfu, WCHH Zhanguhua, WCHH Zhanguhua, HWA Hwaiien, HWA Hwaiien, TW2 Chiawan, TW2 Chiawan, CHNS Tainan, CHNS Tainan, NSY Sanyi, NSY Sanyi, TEYL Yanliu Villag, TEYL Yanliu Villag, ALS Alishan, ALS Alishan, WDJ Dajia District, WDJ Dajia District, EHY Hungye, EHY Hungye, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, NNSB Datong, NNSB Datong, NNS Nan Shan, NNS Nan Shan, ETL Fush Village, ETL Fush Village, WDLH Douliu, WDLH Douliu, HGSD Ruisui, HGSD Ruisui, NMLH Miaoli, NMLH Miaoli, WRL Guolierin Hig, WRL Guolierin Hig, YULB Yu-i, YULB Yu-i, YULB Yu-i, YULB Yu-i, NNTT Nanjuang, NNTT Nanjuang, LIOB Emei, LIOB Emei, WTK Tuku, WTK Tuku, EYUL Yuli, EYUL Yuli, CHN2 Minshiang, CHN2 Minshiang, TWCT Ta-ch'eng, TWCT Ta-ch'eng

24d 19h

WTCT	baz=261	eS	Sb	19 18 57.3	-0.4	
CHY	Chiyai baz=229	0.75 230	eP	Pg	19 18 47.3 +0.2	
CHY	baz=229	eS	Sb	19 18 57.9	-0.8	
NSK	Sanguang baz=15	0.75 22	iP	Pg	19 18 46.1 -1.0	
NSK	baz=15	eS	Sg	19 18 55.2	-1.7	
YHNB	Yeheng baz=24	0.75 23	iP	Pg	19 18 46.1 -1.1	
YHNB	baz=24	S	Sg	19 18 55.5	-1.4	
YHNB	Yeheng Datong Townshi	0.75 23 0.75 34	Pg	Pg	19 18 45.8 -1.4 19 18 46.4 -0.8	
NDT	baz=34	eS	Sg	19 18 57.2	+0.3	
ENA	Nanau baz=47	0.77 54	eP	Pg	19 18 47.0 -0.6	
ENA	baz=47	eS	Sg	19 18 56.5	-1.1	
TPUB	Ta-pu baz=209	0.78 210	eP	Pg	19 18 47.2 -0.4	
TPUB	baz=209	eS	Sb	19 18 58.8	-0.8	
TPUB	Ta-pu ELDTW	0.78 210 0.79 182	Pg	Pg	19 18 47.1 -0.6 19 18 45.8 -2.1	
ELDTW	baz=175	eS	Sg	19 18 56.9	-1.1	
FULB	Fuli baz=163	0.81 164	eP	Pg	19 18 47.8 -0.4	
FULB	baz=163	eS	Sb	19 19 00.5	0.0	
ENTT	Nioudou baz=36	0.81 35	eP	Pg	19 18 47.5 -0.8	
ENTT	baz=36	eS	Sg	19 18 57.4	-1.4	
EWUT	Wuta baz=47	0.81 55	eP	Pg	19 18 47.9 -0.4	
EWUT	baz=47	eS	Sg	19 18 57.3	-1.5	
SBCB	Hsinchu baz=6.0	0.81 356	eP	Pb	19 18 49.4 +0.1	
SBCB	baz=6.0	eS	Sb	19 19 01.3	+0.6	
HSN	Hsinchu baz=8.0	0.82 355	eP	Pn	19 18 50.1 -0.9	
HSN	baz=8.0	eS	Pn	19 19 02.3	-1.2	
WSF	Szhu baz=245	0.83 246	eP	Pg	19 18 48.2 -0.5	
WSF	baz=245	eS	Sb	19 19 00.7	-0.5	
WTP	Ta-pu baz=208	0.83 209	Pg	Pg	19 18 48.5 -0.2	
WTP	baz=208	eS	Sb	19 19 01.4	+0.2	
STYH	Taoyuan baz=196	0.84 198	iP	Pg	19 18 47.6 -1.3	
STYH	baz=196	eS	Sg	19 18 59.8	0.0	
TWK	Hsinying baz=214	0.88 216	iP	Pg	19 18 49.4 -0.2	
TWK	baz=214	S	Sb	19 19 02.1	-0.4	
NDS	Dongshan baz=52	0.89 43	Pg	Pg	19 18 48.8 -1.0	
NDS	baz=52	S	Sg	19 19 00.7	-0.6	
NWLT	Wulai baz=28	0.90 27	eP	Pg	19 18 49.0 -1.0	
NWLT	baz=28	eS	Sg	19 18 59.5	-2.0	
SNST	Tainan City baz=213	0.91 214	eP	Pg	19 18 49.9 -0.3	
SNST	baz=213	eS	Sb	19 19 03.9	+0.5	
CHKT	Chengkung baz=167	0.92 162	eP	Pg	19 18 50.1 -0.3	
CHKT	baz=167	eS	Sb	19 19 04.1	+0.5	
CHN1	Nanshi baz=224	0.92 211	eP	Pg	19 18 50.0 -0.5	
CHN1	baz=224	eS	Sg	19 19 02.4	-0.1	
TWE	Neicheng baz=39	0.93 37	iP	Pg	19 18 49.7 -0.9	
TWE	baz=39	eS	Sb	19 19 03.5	-0.4	
ICHU	Yijhu baz=228	0.94 229	Pg	Pg	19 18 50.4 -0.3	
ICHU	baz=228	eS	Sg	19 19 03.1	+0.2	
TWC	Suao baz=43	0.96 49	eP	Pg	19 18 50.4 -0.8	
TWC	baz=43	eS	Sg	19 19 03.1	-0.6	
SGST	Jiashian baz=217	0.99 206	eP	Pg	19 18 50.8 -1.0	
SGST	baz=217	S	Sb	19 19 06.4	+0.7	
NCUH	Zhongli baz=8.0	0.99 7	P	Pn	19 18 52.7 -0.6	
NCUH	baz=8.0	eS	Sn	19 19 06.8	-0.9	
CHNB	Yiju baz=230	0.99 231	eP	Pg	19 18 51.0 -0.8	
CHNB	baz=230	eS	Sb	19 19 05.6	-0.2	
ILA	Ilan baz=40	1.01 39	eP	Pb	19 18 52.2 -0.4	
ILA	baz=40	eS	Sb	19 19 06.7	+0.5	
EDH	Donghe baz=166	1.03 167	eP	Pg	19 18 51.8 -0.6	
EDH	baz=166	eS	Sb	19 19 06.5	-0.3	
SLGT	Llugu baz=200	1.05 201	eP	Pg	19 18 52.4 -0.5	
SLGT	baz=200	eS	Sb	19 19 08.4	-0.6	
LONT	Lionglian baz=168	1.07 176	eP	Pg	19 18 52.2 -1.1	
LONT	baz=168	eS	Sg	19 19 07.1	0.0	
TATO	Taipei Kindian Distri	1.07 22 1.07 24	Pg	Pg	19 18 52.5 -0.7 19 18 52.8 -0.4	
NHHD	baz=30	eS	Sg	19 19 06.3	-0.9	
SSHA	Shanhua baz=219	1.09 220	eP	Pg	19 18 53.2 -0.4	
SSHA	baz=219	eS	Sb	19 19 10.4	+0.3	
CHN3	Shinhua baz=227	1.10 215	eP	Pb	19 18 54.1 -0.1	
CHN3	baz=227	eS	Sn	19 19 11.3	+1.0	
TWA	Mucha baz=27	1.11 26	eP	Pg	19 18 53.6 -0.4	
TWA	baz=27	eS	Sg	19 19 08.4	0.0	
SCLT	Jiali baz=223	1.12 225	eP	Pb	19 18 54.3 -0.3	
SCLT	baz=223	eS	Sn	19 19 10.8	-0.1	
NTC	Toucheng baz=30	1.12 39	eP	Pg	19 18 53.4 -0.9	
NTC	baz=30	eS	Sb	19 19 09.0	-0.5	
TAP	Taipei baz=30	1.14 21	eP	Pb	19 18 54.8	0.0
TWG	Pinlang baz=171	1.15 179 1.16 179	Pg	Pg	19 18 53.0 -1.8 19 18 53.4 -1.5	
TWGBT	baz=171	eS	Sn	19 18 50.8	-0.9	
TWS1	Kuangyinshan baz=17	1.17 17	eP	Pn	19 18 55.8	+0.1
TWS1	baz=17	eS	Sn	19 19 12.2	+0.2	
TAI1	Yung-k'ang baz=216	1.20 219	eP	Pg	19 18 55.0 -0.7	
TIPB	Shuangxi	1.22 35	P	Pg	19 18 54.5 -1.5	

2015 DEC

TIPB	baz=36	eS	Sg	19 19 10.8	-1.0	
TTN	Taitung baz=174	1.22 176	eP	Pg	19 18 54.9 -1.3	
NTST	Danshui baz=27	1.23 17	eP	Pg	19 18 56.0 -0.5	
NTST	baz=27	eS	Sn	19 19 14.5	+0.8	
YMO1	YMO1 baz=24	1.25 22	P	Pg	19 18 56.6 -0.2	
YMO1	baz=24	eS	Sb	19 19 13.4	0.0	
NWF	Wu-fen Shan baz=32	1.27 31	P	Pg	19 18 56.6 -0.5	
NWF	baz=32	eS	Sn	19 19 14.3	-0.5	
ANP	Anpu baz=22	1.28 19	eP	Pb	19 18 57.1 -0.2	
ANP	baz=22	eS	Sn	19 19 14.9	0.0	
SSD	Sandimen baz=196	1.29 198	eP	Pg	19 18 56.0 -1.4	
SSD	baz=196	eS	Sn	19 19 15.2	+0.3	
TWM1	Shoushan baz=205	1.29 207	eP	Pb	19 18 57.8 +0.4	
TWM1	baz=205	eS	Sn	19 19 17.7	+2.7	
TSMG	Majia baz=195	1.32 197	eP	Pn	19 18 56.7 -1.1	
TSMG	baz=195	eS	Sn	19 19 16.3	+0.5	
TWB1	Santiao Chiao baz=54	1.33 40	eP	Pn	19 18 57.3 -0.7	
TWB1	baz=54	eS	Sg	19 19 14.9	-0.7	
SGLT	Jiouru baz=200	1.35 203	eP	Pg	19 18 59.0 +0.4	
SGLT	baz=200	eS	Sb	19 18 57.0	-1.3	
LDUT	Ludao baz=147	1.35 163	eP	Sb	19 19 15.3	-0.9
LDUT	baz=147	eS	Pn	19 18 57.5	-1.1	
ECL	Taimali baz=182	1.38 184	eP	Pn	19 18 57.5 -1.1	
ECL	baz=182	eS	Sn	19 19 17.3	+0.2	
TWY	Chenhua baz=34	1.39 21	eP	Pb	19 18 58.8 -0.2	
TWY	baz=34	eS	Sn	19 19 17.5	+0.2	
MASBT	Mashibuluo baz=194	1.41 196	eP	Pn	19 18 58.3 -0.8	
MASBT	baz=194	eS	Sn	19 19 19.4	+1.4	
PNG	Penghu baz=244	1.43 254	P	Pn	19 18 58.0 -1.3	
PNG	baz=244	eS	Sb	19 19 16.8	-1.6	
PHUB	Peng-hu baz=251	1.43 251	eP	Sb	19 18 57.4 -1.9	
PHUB	baz=251	eS	Sb	19 19 16.2	-2.2	
WDGT	Dungji baz=240	1.46 241	P	Pn	19 18 58.3 -1.5	
WDGT	baz=240	eS	Sb	19 19 16.8	-2.5	
SSPT	Xinbi baz=183	1.55 197	eP	Pb	19 19 01.6 -0.3	
EAST	Anshuo baz=185	1.60 187	eP	Pn	19 19 01.4 -0.3	
EAST	baz=185	eS	Sb	19 19 23.1	-0.2	
TAW	Tawu baz=173	1.62 185	eP	Pn	19 19 01.1 -0.8	
SCZT	Fangliu baz=203	1.65 194	eP	Pn	19 19 02.0 -0.2	
SCZT	baz=203	eS	Sb	19 19 24.1	-0.5	
VCHM	Qimei baz=230	1.67 243	eP	Pn	19 19 01.1 -1.6	
VCHM	baz=230	eS	Sn	19 19 24.2	-0.3	
WLCH	Liuqiu baz=197	1.73 201	eP	Pb	19 19 04.2 -0.8	
SLIU	Shi baz=202	1.77 188	eP	Pn	19 19 03.5 -0.4	
JYNG	Yonagunijimaku YJNG	1.79 74	P	Pn	19 19 04.1 -0.2	
JYNG	Yonaguni jima baz=78	1.85 75	eP	Sn	19 19 27.2 -0.2 19 19 04.5 -0.6	
YOJ	Yonaguni jima YOJ	1.85 75	eP	Pn	19 19 04.6 -0.6	
YOJ	Yonaguni jima PCYT	1.85 75	Pn	Pn	19 19 04.5 -0.6 19 19 05.7 +0.1	
LAY	lan-yu baz=153	1.98 167	eP	Pn	19 19 05.8 -1.1	
HEN	Hengchun baz=181	1.98 188	eP	Pn	19 19 07.8 +0.9	
LYUB	lan-yu baz=153	2.03 166	eP	Pn	19 19 06.3 -1.2	
TWK1	Hengchun baz=181	2.04 186	eP	Pn	19 19 08.5 +0.8	
TWK1	Hengchun baz=199	2.04 186	eP	Pn	19 19 07.7 0.0	
PTMZ	Houxiangcun baz=301	2.05 301	eP	Pb	19 19 05.9 -1.9	
TSEB	Hengchun, Pin baz=176	2.07 184	eP	Pb	19 19 09.8 -1.0	
MATB	Ma-tsu baz=338	2.38 335	eP	Pn	19 19 10.6 -1.8	
KNM	Kimmen baz=276	2.43 281	eP	Pn	19 19 13.2 +0.1	
QZH	Quanzhou QZH	2.44 294	Pn	Sn	19 19 12.3 -0.9 19 19 39.8 -3.6	
QZH	comp=N,300nm,0.6s		smax	smax		
IRIF	Iriomote-Fusan baz=8	2.47 81	P	Pn	19 19 13.8 +0.2	
IRIF	IRIF baz=278	2.48 282	eP	Sn	19 19 44.4 +0.2 19 19 11.8 -2.0	
KNMB	Chin-men Tao HATJ Hateruma jima	2.48 282 2.52 88	Pn	Pn	19 19 11.5 -2.3 19 19 44.9 -0.5	
JKRS	Kuro-shima JKRS	2.71 84	P	Sn	19 19 17.0 0.0	
LYJJ	Jianjiangzhen baz=339	2.82 336	eP	Sn	19 19 50.6 +0.4 19 19 16.4 -1.9	
JJJ	Ishigaki jima JJJ	2.85 82	P	Pn	19 19 18.3 -0.5 19 19 51.9 -1.6	
AXDP	Jialang baz=29	2.96 289	eP	Sn	19 19 14.8 -1.8	
ZPLA	Ao Xicun baz=265	3.02 270	eP	Pn	19 19 19.1 -2.1	
JJSG	Dashigakijimahi JJSG	3.04 78	P	Sn	19 19 21.1 -0.3 19 18 56.9 -1.2	
XPSS	Dashiqiu baz=348	3.04 345	eP	Sn	19 19 19.7 -1.8	
JTJ	Tarama JOW Kunigami	3.40 78 7.12 65	eS	Sn	19 20 06.8 -0.2 19 20 16.8 -0.8	
JOW	Kunigami XAN X'i'an	7.12 65 14.59 316	Pn	Pn	19 20 16.6 -1.0 19 22 03.3 +3.4 19 22 08.3 +1.8 19 22 11.9	
XAN	comp=Z,5.0nm,1.9s		LR	LR		
XAN	comp=N,280nm,9.6s		LR	LR		
XAN	comp=E,280nm,8.9s		LR	LR		
XAN	comp=Z,190nm,12.4s		LR	LR		
KRSR	Korea Array baz=2.0,2nm,0.3s,baz=210,slow=14,SNR=4.9	14.67 22	Pn	Pn	19 22 00.5 -0.3	
CMAR	Chiang Mai Arr comp=Z,0.5nm,0.5s,baz=55,slow=7.8,SNR=5.8	21.32 259	P	P	19 23 24.0 +3.4	
SONM	Songino Array comp=Z,0.8nm,0.8s,baz=151,slow=8.7,SNR=4.6	26.51 338	P	P	19 24 11.6 +0.4	
SONM	comp=Z,5.3nm,20.7s,baz=133,slow=39		LR	LR	19 35 46.9	
MK31	Makanchi Array MKAR	38.40 316 38.40 316	P	P	19 25 55.1 0.0 19 25 55.1 0.0	
MKAR	Makanchi Array MKAR	38.40 316 38.40 316	P	P	19 25 55.3 +0.3 19 25 55.3 +0.3	

1158

YAK	Yakutsk comp=Z,4.2nm,19.1s,baz=242,slow=39	38.49 7	LR	LR	19 43 15.8
ZAA0	Zalevovo Array comp=Z,1.6nm,0.8s	40.35 327	P	P	19 26 10.8 -0.3 19 26 11.5
ZALV	Zalevovo Beam comp=Z,1.8nm,0.7s,baz=115,slow=7.8,SNR=9.1	40.35 327	P	P	19 26 10.1 -1.1
ZALV	Zalevovo Beam comp=Z,1.2nm,0.9s,baz=344,slow=9.3,SNR=3.2	45.53 162	P	P	19 26 10.9 -0.3 19 26 53.2 -0.4
TIXI	Tiksi comp=Z,4.7nm,18.0s,baz=241,slow=36	47.91 3	LR	LR	19 47 32.6
ASAR	Alice Springs comp=Z,0.5nm,0.9s,baz=335,slow=6.5,SNR=2.2	48.98 164	P	P	19 27 20.9 +0.6
ABKAR	Akbulak array comp=Z,4.0nm,1.5s	53.50 314	P	Iamb	19 27 54.4 +0.3 19 28 14.1
ABKAR	Akbulak array comp=Z,1.3nm,0.8s,baz=341,slow=4.6,SNR=2.9	58.91 160	P	P	19 27 54.5 +0.5 19 28 33.3 +0.5
STKA	Stephens Creek comp=Z,1.8nm,1.3s	58.91 160	P	Iamb	19 28 31.5 -1.3 19 28 37.5
RSO	Redoubt South comp=Z,1.8nm,1.3s	67.60 32	P	P	19 29 27.9 -2.5
ARCES	ARCCESS Array B comp=Z,0.1nm,0.6s,baz=312,slow=4.3,SNR=2.4	69.68 338	P	P	19 29 45.4 +2.3
YKA	Yellowknife Ar comp=Z,0.1nm,0.6s,baz=312,slow=4.3,SNR=2.4	83.20 23	P	P	19 31 00.2 +0.4
<p> <i>IDC 24 19:23:44.1:0.8,13:8S:66:17E,h0km,mb3,9/11, m1 4.7/12,mb1mx</i></p>					

24d 19h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CAN Canbera, AQDB Aquidauana, TOO Toolangi, etc.

2015 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like RUSC La Rusia, BCIP Isla Barro Col, CMC01 Camacan, BA, etc.

1160

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HKT comp=Z,74nm,1.6s, HRTK Hockley, GLA Glamis, etc.

24d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GERES, KHC, ARSA, FETY, SPITS, VAY, ELL, etc.

2015 DEC

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

1162

Table with columns for station name, frequency, power, and other technical details. Includes stations like TKM2, FRU1, FRU1, etc.

24d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like SKAG, M27K, N31M, WHY, etc.

2015 DEC

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

1168

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

IDC 24 20:51:49.0-0.6, 3.72S; 151.23E, h0km, mb4.1/11, mb1.4/3/2, mb1mx0.4/3, mbtmp4.1/12, ML2.2/1, MS4.0/3, Ms1.4/0.3, ms1mx3.6/4/1, Error ellipse: s-maj=27.7km s-min=16.8km az=99.0

MOS 24 21:07:18.7-0.7, 28.16N; 139.60E, h414km, mb4.3/11, Error ellipse: s-maj=11.7km s-min=6.2km az=107.6

MOS 24 21:07:18.7-0.7, 28.16N; 139.60E, h414km, mb4.3/11, Error ellipse: s-maj=11.7km s-min=6.2km az=107.6

24d 21h

CHN2	baz=225	eS	Sn	21 20 48.2 +0.7
NJD	baz=5.0	eP	Pn	21 20 37.9 +0.4
NJD	baz=5.0	eS	Sn	21 20 47.9 -0.1
TWF1	baz=160	uP	Pg	21 20 37.0 +0.5
TWF1	baz=160	eP	Sg	21 20 46.4 +0.3
NSK	baz=26	eS	Pb	21 20 36.5 +0.1
NSK	baz=26	eS	Sb	21 20 45.5 -0.4
EHP	baz=68	eP	Pg	21 20 37.1 +0.5
YHNB	baz=27	uP	Pb	21 20 36.5 0.0
YHNB	baz=27	eP	Sb	21 20 45.5 -0.5
YHNB	baz=27	uP	Pb	21 20 36.5 0.0
YHNB	baz=27	eP	Pg	21 20 37.2 +0.4
EYUL	baz=159	eS	Sg	21 20 46.8 +0.2
NDT	baz=39	eP	Pb	21 20 36.5 -0.1
NDT	baz=39	eS	Sb	21 20 45.9 -0.5
HSN1	baz=359	eS	Pn	21 20 38.5 +0.4
HSN1	baz=359	eS	Sn	21 20 50.0 +1.0
CHY	baz=225	eP	Pb	21 20 37.9 -0.2
CHY	baz=225	eS	Sn	21 20 49.2 +0.2
WMLT	baz=252	eP	Pn	21 20 38.3 +0.1
WMLT	baz=252	eS	Sn	21 20 49.7 +0.7
SBCB	baz=357	uP	Pn	21 20 38.7 +0.4
SBCB	baz=357	eS	Sn	21 20 50.5 +1.2
CHN4	baz=210	eP	Pn	21 20 38.3 -0.1
CHN4	baz=210	eS	Sn	21 20 50.1 +0.6
HSN	baz=359	eP	Pg	21 20 37.9 +0.2
HSN	baz=359	eS	Sn	21 20 51.3 +1.7
ENA	baz=60	uP	Pb	21 20 37.4 0.0
ENA	baz=60	eS	Sb	21 20 47.2 -0.3
ENTT	baz=40	uP	Pb	21 20 37.5 -0.1
ENTT	baz=40	eS	Sg	21 20 49.6 +1.1
TPUB	baz=206	uP	Pn	21 20 38.5 -0.3
TPUB	baz=206	eS	Sn	21 20 50.3 0.0
TPUB	baz=206	uP	Pg	21 20 38.4 +0.2
ECBN	baz=152	uP	Pn	21 20 39.4 +0.5
ECBN	baz=152	eS	Sg	21 20 49.6 +0.6
EWUT	baz=60	uP	Pb	21 20 37.9 -0.1
EWUT	baz=60	eS	Sb	21 20 48.6 0.0
WSF	baz=241	eP	Pb	21 20 38.8 -0.2
WSF	baz=241	eS	Sn	21 20 51.5 +0.9
ELDTW	baz=180	eP	Pg	21 20 38.7 -0.1
ELDTW	baz=180	eS	Sg	21 20 49.8 0.0
WTP	baz=205	uP	Pn	21 20 39.4 -0.2
WTP	baz=205	eS	Sn	21 20 52.1 +0.4
FULB	baz=164	eP	Pn	21 20 40.3 +0.6
FULB	baz=164	eS	Sn	21 20 52.4 +0.7
NWLT	baz=31	eP	Pb	21 20 39.2 +0.2
NWLT	baz=31	eS	Sg	21 20 51.5 +0.5
STYH	baz=195	uP	Pn	21 20 39.7 -0.1
STYH	baz=195	eS	Sn	21 20 52.2 +0.2
NDS	baz=47	uP	Pb	21 20 39.0 -0.1
NDS	baz=47	eS	Sb	21 20 50.9 +0.3
STYT	baz=195	uP	Pn	21 20 40.1 +0.1
STYT	baz=195	eS	Sn	21 20 52.1 -0.3
TWK	baz=212	uP	Pn	21 20 40.1 0.0
TWK	baz=212	eS	Pb	21 20 53.3 +0.7
TWE	baz=42	uP	Pb	21 20 40.0 +0.3
TWE	baz=42	eS	Sg	21 20 52.6 +0.3
SNST	baz=211	uP	Pn	21 20 40.7 +0.2
SNST	baz=211	eS	Sn	21 20 54.3 +0.9
ECS	baz=169	eS	Sn	21 20 54.6 +0.9
ICHU	baz=225	uP	Pn	21 20 40.8 +0.1
ICHU	baz=225	eS	Sn	21 20 54.3 +0.6
CHN1	baz=208	uP	Pn	21 20 40.8 0.0
CHN1	baz=208	eP	Pn	21 20 54.7 +0.8
NCUH	baz=9.0	eP	Pg	21 20 41.4 +0.4
NCUH	baz=9.0	eS	Sn	21 20 54.9 +1.0
NCU	baz=9.0	eP	Pg	21 20 41.5 +0.4
NCU	baz=9.0	eS	Sn	21 20 55.2 +1.2
TWC	baz=54	eP	Pb	21 20 40.6 +0.2
TWC	baz=54	eS	Sb	21 20 53.4 +0.6
CHKT	baz=161	uP	Pg	21 20 41.6 +0.2
CHKT	baz=161	eS	Sn	21 20 55.8 +1.3
NHW	baz=1.0	eP	Pg	21 20 41.9 +0.4
NHW	baz=1.0	eS	Sn	21 20 56.2 +1.7
ILA	baz=43	eP	Pg	21 20 42.1 +0.3
CHN8	baz=227	eP	Pg	21 20 42.0 +0.1
CHN8	baz=227	eS	Sn	21 20 56.6 +1.6
NTY	baz=15	eP	Pg	21 20 43.2 +1.2
NTY	baz=15	eS	Sn	21 20 58.0 +2.8
SGST	baz=203	eP	Pb	21 20 41.6 +0.1
SGST	baz=203	eS	Sn	21 20 56.4 +0.8
TATO	baz=25	eP	Pg	21 20 42.9 +0.2
TATO	baz=25	eS	Sg	21 20 57.5 +1.2

2015 DEC

TATO	baz=22	1.04 24	Pg	21 20 43.1 +0.5
BACT	baz=22	1.04 22	eP	21 20 42.6 +0.5
NHHD	baz=26	1.04 26	eP	21 20 41.1 -0.9
NHHD	baz=26	eS	Pb	21 20 57.5 +1.1
EDH	baz=167	1.08 166f	eP	21 20 43.1 +0.5
EDH	baz=167	eS	Sg	21 20 57.9 +0.3
SLGT	baz=198	1.08 198f	eP	21 20 43.4 0.0
SLGT	baz=198	eS	Pg	21 20 58.9 +1.3
TWA	baz=29	1.08 29	eP	21 20 43.5 0.0
TWA	baz=29	eS	Sg	21 20 58.5 +0.8
TAP	baz=24	1.10 24	eP	21 20 42.8 -0.1
TAP	baz=24	eS	Pn	21 20 59.0 +0.6
SSHA	baz=217	1.11 217	eP	21 20 44.0 +0.5
SSHA	baz=217	eS	Sg	21 21 01.0 +2.6
NTC	baz=42	1.11 42	eP	21 20 43.7 +0.7
NTC	baz=42	eS	Sn	21 20 58.4 +0.5
TAP1	baz=24	1.11 25	eP	21 20 43.9 -0.1
TAP1	baz=24	eS	Pg	21 20 59.5 +1.0
CHN3	baz=212	1.12 212	eP	21 20 44.5 +0.4
CHN3	baz=212	eS	Sg	21 21 01.6 +2.9
LONT	baz=175	1.12 175f	eP	21 20 44.0 -0.1
LONT	baz=175	eS	Pg	21 20 59.2 +0.4
NHY	baz=26	1.13 26	eP	21 20 44.3 0.0
NHY	baz=26	eS	Sg	21 21 00.0 +0.9
SCLT	baz=221	1.13 222	eP	21 20 44.4 +0.1
SCLT	baz=221	eS	Pg	21 21 01.2 +2.0
TWS1	baz=19	1.13 19	eP	21 20 44.0 +0.5
TWS1	baz=19	eS	Pb	21 21 00.2 +0.9
EGS	baz=46	1.17 46	eP	21 20 46.0 +0.9
TIPB	baz=38	1.20 38	eP	21 20 45.0 +0.4
TIPB	baz=38	eS	Sg	21 21 02.8 +1.4
TWG	baz=19	1.20 177	eP	21 20 44.8 +0.2
NTST	baz=19	1.20 19	eP	21 20 45.1 +0.5
NTST	baz=19	eS	Pb	21 21 02.3 +0.8
TWGBT	baz=178	1.20 177f	eP	21 20 45.3 -0.4
TWGBT	baz=178	eS	Pg	21 21 02.2 +0.8
TAI1	baz=216	1.22 216	eP	21 20 45.1 +0.3
TAI1	baz=216	eS	Pb	21 21 03.7 +1.8
YM01	baz=24	1.23 24	eP	21 20 45.1 0.0
YM01	baz=24	eS	Sg	21 21 02.4 +0.2
ANP	baz=22	1.25 22	eP	21 20 45.4 0.0
ANP	baz=22	eS	Pb	21 21 02.0 +0.7
NWF	baz=34	1.25 34	eP	21 20 47.0 +0.3
NWF	baz=34	eS	Sg	21 21 04.3 +1.2
WFSB	baz=34	1.25 34	eP	21 20 47.0 +0.3
WFSB	baz=34	eS	Pg	21 21 03.6 +0.5
TAI	baz=216	1.27 216	eP	21 20 46.9 0.0
TTN	baz=175	1.27 174	eP	21 20 46.6 -0.4
YM08	baz=24	1.27 24	eP	21 20 45.6 +0.4
YM08	baz=24	eS	Pn	21 20 52.5 +0.6
TWM1	baz=204	1.31 205	eP	21 20 48.1 +0.3
TWM1	baz=204	eS	Pg	21 21 10.2 +5.2
TNOU	baz=32	1.32 32	eP	21 20 47.2 +0.6
TNOU	baz=32	eS	Pb	21 21 05.6 +0.5
SSD	baz=195	1.32 195f	eP	21 20 47.2 +0.6
SSD	baz=195	eS	Pb	21 21 05.2 +0.8
TWB1	baz=43	1.32 42	eP	21 21 04.3 +1.1
TWB1	baz=43	eS	Sb	21 21 04.3 +1.1
TWY	baz=23	1.35 23	eP	21 20 46.6 +0.3
TWY	baz=23	eS	Pn	21 20 46.6 +0.3
TSMG	baz=195	1.36 195f	eP	21 20 47.8 +0.5
TSMG	baz=195	eS	Pb	21 21 05.9 -0.4
SGLT	baz=200	1.38 200	eP	21 20 49.0 0.0
SGLT	baz=200	eS	Pg	21 21 10.4 +3.3
LDUT	baz=163	1.41 163f	eP	21 20 47.2 +0.1
LDUT	baz=163	eS	Sn	21 21 04.5 -0.7
PNG	baz=250	1.41 251	eP	21 20 47.1 0.0
PNG	baz=250	eS	Pn	21 21 06.7 -1.4
PHUB	baz=248	1.42 249f	eP	21 20 47.2 0.0
PHUB	baz=248	eS	Pn	21 20 47.2 0.0
ECL	baz=182	1.42 182	eP	21 21 06.5 +0.6
ECL	baz=182	eS	Sb	21 21 06.3 -0.1
MASBT	baz=194	1.45 194f	eP	21 21 08.9 -0.4
MASBT	baz=194	eS	Pb	21 21 08.9 -0.4
WDGT	baz=238	1.46 239f	eP	21 20 48.3 -0.6
WDGT	baz=238	eS	Pb	21 21 08.1 -1.5
SSPT	baz=195	1.59 195	eP	21 20 51.5 +0.4
SSPT	baz=195	eS	Pb	21 21 10.9 0.0
EAST	baz=185	1.64 185	eP	21 20 52.3 +0.1
EAST	baz=185	eS	Pb	21 21 14.0 -1.4
TAW	baz=184	1.66 184	eP	21 20 52.4 -0.1
TAW	baz=184	eS	Pb	21 20 52.4 -0.1
VCHM	baz=240	1.67 241f	eP	21 20 51.0 +0.4
VCHM	baz=240	eS	Pn	21 21 12.8 -0.4
SCZT	baz=192	1.69 193	eP	21 20 54.2 -0.5
SCZT	baz=192	eS	Sb	21 21 14.7 +1.0
WLCH	baz=192	1.77 199	eP	21 20 54.1 -0.2
WLCH	baz=192	eS	Pb	21 20 54.1 -0.2

1170

TWP	baz=200	1.77 200	eP	Pb	21 20 53.7 -0.7
SLIU	baz=187	1.81 186	eP	Pn	21 20 53.8 +1.1
SLIU	baz=187	eS	Sb	21 21 16.4 -1.0	
JYNG	baz=187	1.81 76	P	S	21 20 53.5 +0.8
JYNG	baz=187	1.81 76	P	Sb	21 17 59.0 +0.5
PCYT	baz=187	1.86 31	eP	Pb	21 20 55.1 -0.9
YOJ	baz=77	1.87 76	eP	Pn	21 20 54.5 +0.9
YOJ	baz=77	eS	Sn	21 21 17.8 +1.1	
YOJ	baz=77	1.87 76	P	S	21 20 54.7 +1.2
YOJ	baz=77	1.87 76	P	Sb	21 21 19.6 +0.5
YOJ	baz=77	1.87 76	P	S	21 20 53.9 +0.4
PTMZ	baz=300	2.00 301	eP	Pn	21 20 54.5 -0.7
HEN	baz=187	2.03 187	eP	Pb	21 20 57.7 -0.9
LAY	baz=166	2.04 166	eP	Pn	21 20 56.0 +0.2
LAY	baz=166	eS	Sn	21 21 21.2 +0.4	
LYUB	baz=166	2.08 165	eP	Pn	21 20 55.7 -0.7
LYUB	baz=166	eS	Pn	21 20 58.1 -1.5	
TWK1	baz=185	2.08 185	eP	Pb	21 20 58.0 +1.6
TWK1	baz=185	eS	Pn	21 20 58.0 +1.6	
TSEB	baz=184	2.12 183	eP	Pb	21 20 58.6 -1.6
TSEB	baz=184	eS	Pn	21 20 58.9 +1.0	
MATB	baz=334	2.33 336	eP	Pn	21 21 26.0 -1.9
MATB	baz=334	eS	Sn	21 21 26.0 -1.9	
MSUT	baz=335	2.35 335	eP	Pn	21 20 59.4 -0.7
MSUT	baz=335	eS	Sn	21 21 27.1 -1.4	
KNM	baz=278	2.39 280	eP	Pn	21 21 01.9 +1.3
QZH	comp=E,2um,8.5s	2.39 293	eP	Pn	21 20 59.8 -0.8
QZH	comp=E,2um,8.5s	eS	Sn	21 21 28.5 -0.9	
QZH	comp=E,2um,8.5s	LR	LR	LR	LR
KNMB	baz=280	2.44 281	eP	Pn	21 21 00.8 -0.5
KNMB	baz=280	2.44 281	eP	Pn	21 21 00.6 -0.6
IRIF	baz=185	2.50 82	P	S	21 21 02.8 +0.7
IRIF	baz=185	2.50 82	P	S	21 21 34.2 +2.1
HATJ	baz=280	2.55 89	P	S	21 21 03.9 +1.1
HATJ	baz=280	2.55 89	P	S	21 21 34.5 +1.1
JKRS	baz=335	2.75 85	P	S	21 21 07.0 +1.5
JKRS	baz=335	2.75 85	P	S	21 21 39.4 +1.2
LYJJ	baz=335	2.76 336	eP	Pn	21 21 08.8 -0.9
LYJJ	baz=335	eS	Sn	21 21 36.8 -1.7	
JJJ	baz=335	2.88 83	P	S	21 21 07.9 +0.6
JJJ	baz=335	2.88 83	P	S	21 21 41.2 -0.3
AXDP	baz=287	2.91 288	eP	Pn	21 21 07.3 -0.4
AXDP	baz=287	2.91 288	eP	Pn	21 21 07.3 -0.4
XPSS	baz=345	2.99 346	eP	Pn	21 21 08.0 -0.8
ZPLA	baz=288	2.99 269	eP	Pn	

24d 22h

Table with 4 columns: Station Name, Time, Res, ISC. Includes stations like STKA Stephens Creek, MKAR Makanchi Array.

JMA 24 21:54:53.0±0.2, 28.57N±127.68E, h179km, M3.5, Northwest of Ryukyu Islands

Table with 10 columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists various stations like JAMN Amaminishikomi, JYRO Yoronjima, etc.

REN 24 22:00:18.9±2.4, 41.89N±109.60W±0.04, h10km±6km, ML3.2/5, ML2.9/72(NEIC), Error ellipse: s-maj=5.5km

Table with 10 columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like MOD Modoc Plateau, J08A Circle Bar Ran, etc.

ISC 24 22:00:19.6±1.2, 41.88N±109.63W±0.02, h5km±12km, n46, c1507/57, Nevada

Large table with 10 columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists numerous stations including MOD Modoc Plateau, J08A Circle Bar Ran, K04D Chiloquin, etc.

2015 DEC

Table with 6 columns: Station Name, Time, Res, ISC, P, Δ°. Lists stations like BMO Blue Mountains, KBO Bosley Butte, G08A Pinta Rock, etc.

SOME 24 22:03:07.1, 38.73N±73.35E, h10km, IDC 24 22:03:09.4±1.3, 38.70N±73.26E, h0km, mb3.8/7, mbp 1.3, 9/11, mb1mx3.5/5.3, mbmtmp3.8/11, ML3, 1/4, Error ellipse: s-maj=29.9km s-min=19.7km az=134.0

Table with 6 columns: Station Name, Time, Res, ISC, P, Δ°. Lists stations like SFK Sufti-Kurgan, DRK Karamyk, etc.

ISC 24 22:03:12.0±1.9, 39.02N±107.73E±0.04, h10km±10km, n38, c213/49, mb3.7/7, 15C-10D, Tajikistan-Xinjiang border region

Large table with 6 columns: Station Name, Time, Res, ISC, P, Δ°. Lists numerous stations including SFK Sufti-Kurgan, DRK Karamyk, ARK Arkit, etc.

1172

selection from ISC bulletin GT5 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, <i>80</i>, 465-472, 2009

TUL 24 22:21:41.9±1.7, 35.82N±102.97W±0.04, h3km±7km, ML3.0, mb_Lg2.6/31(NEIC), Error ellipse: s-maj=4.8km s-min=2.4km az=59.0

ANF 24 22:21:41.2±0.3, 35.86N±97.43W, h2km±3km, ML3.0/6, Error ellipse: s-maj=2.5km s-min=2.2km az=137.0

NEIC 24 22:21:42.1±0.9, 35.85N±101.97W±0.02, h6km±6km, Error ellipse: s-maj=2.7km s-min=0.8km az=130.0

ISC 24 22:21:42.0±1.0, 35.84N±102.97W±0.02, h6km±6km, n66, c063/69, Oklahoma

Large table with 10 columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists numerous stations including OK029 Liberty Lake, OK029 Bluff Creek, etc.

Nm; M=5.08±.05; Mw=3.92±.06; Ms=1.16±.06;
 Mo=1.23±.04; Mba=3.84±.05; Mw=2.28±.04; Best double
 couple: M=6.53400±.017; NP1=100.00000±.0500000±
 .53.00000±. NP2=330.00000±.853.00000±.1.26.00000±.
 Principal axes: T 6.4380, Plg62.0000, Azm303.0000±.
 N 0.1910, Plg28.0000±, Azm126.0000±; P -6.6290,
 Plg2.0000±, Azm36.0000±; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface/mantle waves,
 cutoff=50s. Triangular moment-rate function
 BGR 24.23:1:00.5:0.0, 7.32S:129.01E, h140km
 ISC 24.23:10:58.0:0.2, 7.22S:103.129.01E, 0.03, h134km, 1km,
 h134km, pP, P, n153Z, r194S, r164S, r165, r1304, r156, 54D,
 148.79667°. NP2:353.51740, 849.95200, 1.137.38445°.
 Principal axes: T Plg55.2323, Azm329.3742; N
 Plg34.2875, Azm138.5507; P Plg5.0759.
 Azm232.0228; Fault plane solution: NP1:0.97.22305°,
 859.95223°, 179.06471°. NP2:0.298.32266°, 831.80024°,
 1.08.15633°. Principal axes: T Plg72.7514°,
 Azm340.3267; N Plg9.4511°, Azm102.7489; P
 Plg14.2941°, Azm195.1797; Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SAUI	Saumlaki	2.39	109	P	23 11 36.9	-0.1
SAUI	Saumlaki	2.39	109	P	23 11 36.2	-0.8
SAUI	Saumlaki	2.39	109	P	23 12 05.3	-1.7
SAUI	Saumlaki	2.39	109	P	23 11 36.9	-0.1
ENDI	Bandanaira	3.60	347	P	23 11 44.7	+2.3
AAI	Ambon	3.60	347	P	23 11 55.8	+3.2
AAI	Ambon	3.60	347	P	23 11 55.6	+3.4
MSAI	Masohi	3.85	359	P	23 11 59.4	+3.6
SOEI	Soe	5.33	241	P	23 12 16.3	+0.7
SOEI	Soe	5.33	241	P	23 12 15.4	-0.2
SOEI	Soe	5.33	241	P	23 12 16.3	+0.7
FAKI	Fak Fak	5.35	37	Pn	23 12 14.8	-1.1
FAKI	Fak Fak	5.35	37	P	23 12 15.3	-0.6
FRS	Darwin Rock St	5.50	160	P	23 12 15.6	-2.3
SANI	Sanana	5.95	329	P	23 12 30.0	+6.1
SANI	Sanana	5.95	329	P	23 12 29.0	+5.1
MTN	Manton Dam	5.97	160	Pn	23 12 21.6	-2.5
MTN	Manton Dam	5.97	160	Pn	23 12 20.9	-3.2
BATI	Baumata	6.06	240	P	23 12 21.7	-2.4
BATI	Baumata	6.06	240	P	23 12 25.4	-0.1
BATI	Baumata	6.06	240	P	23 13 31.0	-2.7
BATI	Baumata	6.06	240	P	23 14 30.8	
BATI	Baumata	6.06	240	P	23 12 25.7	+0.3
KDU	Kakadu	6.41	148	P	23 12 26.6	-3.5
KDU	Kakadu	6.41	148	P	23 12 26.6	-3.5
BBSI	Bau Bau	6.63	285	P	23 12 38.8	+5.8
SIJI	Sorong	6.70	20	P	23 12 34.2	+0.3
SIJI	Sorong	6.70	20	P	23 13 46.4	-2.6
SWI	Sorong	6.70	20	P	23 12 34.7	+0.8
LBMI	Labuha	6.71	347	P	23 12 38.1	+4.0
MMRI	Maumere	6.86	258	P	23 12 36.8	+0.7
MMRI	Maumere	6.86	258	Pn	23 12 36.0	-0.1
MMRI	Maumere	6.86	258	P	23 12 37.3	+1.2
EDFI	Edo Flores	7.41	258	P	23 12 45.1	+1.5
TNTI	Ternate	8.11	348	P	23 12 56.6	+3.7
TNTI	Ternate	8.11	348	Pn	23 12 54.9	+2.0
TNTI	Ternate	8.11	348	P	23 12 55.9	+3.0
KNRA	Kunururra	8.41	182	P	23 12 52.9	-4.0
KNRA	Kunururra	8.41	182	Pn	23 12 52.9	-4.0
KNRA	Kunururra	8.41	182	P	23 12 52.7	-4.2
BSSI	Bau Bau	8.53	277	P	23 13 01.8	+3.2
LUWI	Luwuk	8.74	314	P	23 13 05.7	+4.3
LUWI	Luwuk	8.74	314	Pn	23 13 00.4	-1.0
LUWI	Luwuk	8.74	314	P	23 13 06.4	+5.0
BASI	Baing, Sumba	8.85	250	P	23 13 01.6	-1.3
SRPI	Serui, Papua	8.95	54	P	23 13 03.1	-1.1
BKSI	Bulukumba	9.04	282	P	23 13 08.4	+3.0
KMSI	Cibinong	9.23	327	P	23 13 12.6	+4.7
BAKI	Biak	9.27	50	P	23 13 09.4	+0.9
BNSI	Bone	9.29	287	P	23 13 11.5	+2.7
KAPI	Kappang	9.46	283	P	23 13 10.7	-0.4
KAPI	Kappang	9.46	283	S	23 14 55.8	-0.1
KAPI	Kappang	9.46	283	S	23 13 10.7	-0.4
KAPI	Kappang	9.46	283	S	23 14 55.8	-0.1
APSI	Ampana	9.65	310	P	23 13 18.0	+4.4
SPSI	Sidrap Patu	9.75	289	P	23 13 17.6	+2.7
WBSI	Waikabubak, Su	9.82	255	P	23 13 13.3	-2.6
TTSI	Tana Toraja	10.05	294	P	23 13 22.8	+3.8
MRSI	Mariisa	10.40	317	P	23 13 28.8	+5.1
FITZ	Fitzroy Crossi	11.59	197	P	23 13 29.6	-6.0
FITZ	Fitzroy Crossi	11.59	197	S	23 15 26.8	-1.3
FITZ	Fitzroy Crossi	11.59	197	P	23 13 30.2	-5.4
MMPI	Merauke	11.33	97	P	23 13 34.6	-1.5
SGSI	Sangihe	11.38	342	P	23 13 40.3	+3.7
TOLII	Toittoi	11.66	313	P	23 13 42.2	+1.9
TOLII	Toittoi	11.66	313	P	23 13 46.2	-1.2
MPSI	Mapaga	11.79	309	P	23 13 46.0	-3.6
GENI	Genyem	12.02	68	P	23 13 45.1	0.0
GENI	Genyem	12.02	68	P	23 13 45.9	+0.8
JAY	Jayapura	12.55	69	P	23 13 48.7	-3.4
JAY	Jayapura	12.55	69	S	23 15 59.5	-1.1
JAY	Jayapura	12.55	69	P	23 13 50.4	-1.6
JAY	Jayapura	12.55	69	P	23 13 51.3	-0.7
KBKI	Kotabaru	13.37	286	P	23 14 06.3	-1.0
BKB	Balikpapan	13.45	296	P	23 14 09.5	+1.3
BKB	Balikpapan	13.45	296	Pn	23 14 03.8	+0.2
WBD	Warramunga Arr	13.52	158	P	23 13 58.1	-6.4
SMKI	Samarinda	13.56	299	P	23 14 10.5	+1.1
WRAB	Tennant Creek	13.66	158	P	23 14 00.5	-5.8
WRAB	Tennant Creek	13.66	158	Pn	23 14 00.4	-5.9
WRA	Warramunga Arr	13.66	158	P	23 14 00.2	-6.2
WRA	Warramunga Arr	13.66	158	S	23 16 18.6	-1.9
WRA	Warramunga Arr	13.66	158	P	23 13 59.6	-6.7
WRA	Warramunga Arr	13.66	158	Pn	23 13 59.8	-6.8
WRA	Warramunga Arr	13.66	158	P	23 14 01.0	-5.4
WRO	Warramunga Arr	13.75	158	Pn	23 14 01.4	-6.0
IGBI	Denpasar	13.82	262	P	23 14 11.0	-1.3

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GSHP	General Santos	13.82	343	Pn	23 14 10.0	+1.5
MATI	Mati	14.34	349 <td>P</td> <td>23 14 17.7</td> <td>-0.3</td>	P	23 14 17.7	-0.3
BKBI	Banjar Baru	14.59	284	P	23 14 21.8	+0.9
DAV	Davao City (W)	14.60	346	P	23 14 20.5	-0.5
DAV	Davao City (W)	14.60	346	S	23 16 54.1	-5.9
DAV	Davao City (W)	14.60	346	LR	23 20 18.4	
DAV	Davao City (W)	14.60	346	P	23 14 22.2	+1.2
ABJI	Asem Bagus	14.66	267	P	23 14 20.8	-0.9
KCP	Kidapawan	14.66	344 <td>Pn</td> <td>23 14 21.0</td> <td>-0.8</td>	Pn	23 14 21.0	-0.8
JAGI	Jajag, Banyuw	14.77	264 <td>P</td> <td>23 14 19.4</td> <td>-1.0</td>	P	23 14 19.4	-1.0
JAGI	Jajag, Banyuw	14.77	264 <td>Pn</td> <td>23 14 17.3</td> <td>-3.2</td>	Pn	23 14 17.3	-3.2
JAGI	Jajag, Banyuw	14.77	264 <td>P</td> <td>23 14 21.8</td> <td>-0.8</td>	P	23 14 21.8	-0.8
BLJI	Banyuw	15.30	267 <td>P</td> <td>23 14 25.9</td> <td>+0.8</td>	P	23 14 25.9	+0.8
MTKI	Muara Tewe, K	15.39	293 <td>P</td> <td>23 14 32.1</td> <td>+2.3</td>	P	23 14 32.1	+2.3
COEN	Coen	15.44	117 <td>P</td> <td>23 14 25.1</td> <td>-3.7</td>	P	23 14 25.1	-3.7
COEN	Coen	15.44	117 <td>Iamb</td> <td>23 15 03.9</td> <td></td>	Iamb	23 15 03.9	
COEN	Coen	15.44	117 <td>P</td> <td>23 14 26.0</td> <td>-2.8</td>	P	23 14 26.0	-2.8
GMJI	Gumukmas	15.46	265 <td>P</td> <td>23 14 27.5</td> <td>-1.5</td>	P	23 14 27.5	-1.5
BIFP	Bislig	15.53	350 <td>P</td> <td>23 14 32.2</td> <td>+1.0</td>	P	23 14 32.2	+1.0
PAGZ	Pagadian	15.98	339 <td>P</td> <td>23 14 38.0</td> <td>+1.7</td>	P	23 14 38.0	+1.7
WYLM	Wahid Daru	16.18	319 <td>eS</td> <td>23 17 34.1</td> <td>+0.8</td>	eS	23 17 34.1	+0.8
MBWA	Marble Bar	16.51	212 <td>P</td> <td>23 14 39.6</td> <td>-2.2</td>	P	23 14 39.6	-2.2
DCPH	Dipolog City	16.68	340 <td>eP</td> <td>23 14 49.9</td> <td>+5.9</td>	eP	23 14 49.9	+5.9
QIS	Mount Isa	16.77	143 <td>P</td> <td>23 14 42.2</td> <td>-2.7</td>	P	23 14 42.2	-2.7
QIS	Mount Isa	16.77	143 <td>P</td> <td>23 14 42.6</td> <td>-2.3</td>	P	23 14 42.6	-2.3
PSA00	Pilbara Seismi	16.80	211 <td>P</td> <td>23 14 42.0</td> <td>-3.2</td>	P	23 14 42.0	-3.2
PSA00	Pilbara Seismi	16.80	211 <td>Iamb</td> <td>23 14 42.0</td> <td>-3.2</td>	Iamb	23 14 42.0	-3.2
PSA00	Pilbara Seismi	16.80	211 <td>Iamb</td> <td>23 14 49.0</td> <td></td>	Iamb	23 14 49.0	
PSA00	Pilbara Seismi	16.80	211 <td>P</td> <td>23 14 42.5</td> <td>-2.7</td>	P	23 14 42.5	-2.7
ASAR	Alice Springs	17.02	164 <td>P</td> <td>23 14 43.8</td> <td>-3.9</td>	P	23 14 43.8	-3.9
ASAR	Alice Springs	17.02	165 <td>P</td> <td>23 14 44.1</td> <td>-3.5</td>	P	23 14 44.1	-3.5
ASAR	Alice Springs	17.02	165 <td>S</td> <td>23 17 40.0</td> <td>-1.8</td>	S	23 17 40.0	-1.8
ASAR	Alice Springs	17.02	165 <td>LR</td> <td>23 21 57.2</td> <td></td>	LR	23 21 57.2	
ASAR	Alice Springs	17.02	165 <td>P</td> <td>23 49 47.0</td> <td></td>	P	23 49 47.0	
ASAR	Alice Springs	17.02	165 <td>P</td> <td>23 14 43.4</td> <td>-4.3</td>	P	23 14 43.4	-4.3
GLSP	General Laha	17.13	350 <td>Pn</td> <td>23 14 51.1</td> <td>+1.4</td>	Pn	23 14 51.1	+1.4
SPMM	Sapulut	17.24	313	P	23 14 54.0	+3.2
TBP	Tagbilaran	17.56	343 <td>P</td> <td>23 14 55.2</td> <td>+0.6</td>	P	23 14 55.2	+0.6
PCJI	Pacitan	17.70	267 <td>P</td> <td>23 18 07.7</td> <td>-2.0</td>	P	23 18 07.7	-2.0
PCJI	Pacitan	17.70	267 <td>P</td> <td>23 14 53.2</td> <td>-2.0</td>	P	23 14 53.2	-2.0
MSLP	Maasin	17.73	346 <td>P</td> <td>23 14 58.6</td> <td>+2.0</td>	P	23 14 58.6	+2.0
MSLP	Maasin	17.73	346 <td>eS</td> <td>23 18 19.4</td> <td>+4.3</td>	eS	23 18 19.4	+4.3
WRKA	Warakurna	17.73	182 <td>P</td> <td>23 14 53.2</td> <td>-2.4</td>	P	23 14 53.2	-2.4
WRKA	Warakurna	17.73	182 <td>P</td> <td>23 14 53.2</td> <td>-2.3</td>	P	23 14 53.2	-2.3
PBKI	Pangkalan Bun	17.85	284 <td>P</td> <td>23 15 00.3</td> <td>+2.3</td>	P	23 15 00.3	+2.3
WOJI	Wonorejo, Jwa	17.94	267 <td>P</td> <td>23 14 59.1</td> <td>-0.1</td>	P	23 14 59.1	-0.1
PMG	Port Moresby	18.09	98 <td>P</td> <td>23 14 59.0</td> <td>-0.1</td>	P	23 14 59.0	-0.1
PMG	Port Moresby	18.09	98 <td>S</td> <td>23 18 08.6</td> <td>-1.2</td>	S	23 18 08.6	-1.2
PMG	Port Moresby	18.09	98 <td>LR</td> <td>23 22 30.4</td> <td></td>	LR	23 22 30.4	
PMG	Port Moresby	18.09	98 <td>Pn</td> <td>23 15 00.0</td> <td>-0.9</td>	Pn	23 15 00.0	-0.9
PMG	Port Moresby	18.09	98 <td>P</td> <td>23 14 60.0</td> <td>-0.9</td>	P	23 14 60.0	-0.9
PMG	Port Moresby	18.09	98 <td>Iamb</td> <td>23 15 05.5</td> <td></td>	Iamb	23 15 05.5	
PMG	Port Moresby	18.09	98 <td>P</td> <td>23 15 02.0</td> <td>+1.1</td>	P	23 15 02.0	+1.1
PMG	Port Moresby	18.09	98 <td>P</td> <td>23 15 01.8</td> <td>+0.9</td>	P	23 15 01.8	+0.9
LLP	Lapu-Lapu	18.13	344 <td>eP</td> <td>23 15 02.5</td> <td>+1.1</td>	eP	23 15 02.5	+1.1
LLP	Lapu-Lapu	18.13	344 <td>eS</td> <td>23 18 22.8</td> <td>-1.9</td>	eS	23 18 22.8	-1.9
UGM	Wanagama	18.34	267 <td>P</td> <td>23 15 02.2</td> <td>-0.1</td>	P	23 15 02.2	-0.1
UGM	Wanagama	18.34	267 <td>Iamb</td> <td>23 15 00.7</td> <td>-1.6</td>	Iamb	23 15 00.7	-1.6
UGM	Wanagama	18.34	267 <td>Iamb</td> <td>23 15 53.8</td> <td></td>	Iamb	23 15 53.8	
KKM	Kota Kinabalu	18.35	316 <td>P</td> <td>23 15 04.4</td> <td>+0.3</td>	P	23 15 04.4	+0.3
KKM	Kota Kinabalu	18.35	316 <td>P</td> <td>23 15 05.5</td> <td>+1.5</td>	P	23 15 05.5	+1.5
SMRI	Samarang	18.43	269 <td>P</td> <td>23 15 01.1</td> <td>+4.2</td>	P	23 15 01.1	+4.2
SMRI	Samarang	18.43	269 <td>P</td> <td>23 15 04.8</td> <td>-0.2</td>	P	23 15 04.8	-0.2
SMRI	Samarang	18.43	269 <td>P</td> <td>23 15 05.1</td> <td>+0.1</td>	P	23 15 05.1	+0.1
MTSU	Mount Surprise	18.44	127 <td>P</td> <td>23 15 03.9</td> <td>+0.6</td>	P	23 15 03.9	+0.6
MTSU	Mount Surprise	18.44	127 <td>P</td> <td>23 15 05.2</td> <td>+0.2</td>	P	23 15 05.2	+0.2
STKI	Sintang	18.93	292 <td>P</td> <td>23 15 10.8</td> <td>0.0</td>	P	23 15 10.8	0.0
MANU	Manus Island	19.00	75 <td>P</td> <td>23 15 12.0</td> <td>+0.4</td>	P	23 15 12.0	+0.4
MANU	Manus Island	19.00	75	Iamb	23 15 15.6	
BESP	Borongan	19.03	349 <td>eP</td> <td>23 15 13.1</td> <td>+1.1</td>	eP	23 15 13.1	+1.1
JAP	San Jose, Anti	19.18	338 <td>eP</td> <td>23 15 14.2</td> <td>+0.5</td>	eP	23 15 14.2	+0.5
SBUM	Sibu	19.32	299 <td>P</td> <td>23 15 16.0</td> <td>+0.7</td>	P	23 15 16.0	+0.7
SBUM	Sibu	19.32	299 <td>Iamb</td> <td>23 15 22.8</td> <td></td>	Iamb	23 15 22.8	
BATP	Baratara	19.44	325 <td>P</td> <td>23 15 17.9</td> <td>+1.1</td>	P	23 15 17.9	+1.1
RCP	Roxas	19.67	341 <td>eP</td> <td>23 15 17.6</td> <td>+1.0</td>	eP	23 15 17.6	+1.0
PRR	Puerto Princes	19.75	292 <td>P</td> <td>23 15 22.8</td> <td>-1.7</td>	P	23 15 22.8	-1.7
CMJI	Cimerak	20.40	267 <td>P</td> <td>23 15 22.8</td> <td>-1.7</td>	P	23 15 22.8	-1.7
KSM	Kuching	20.56	294 <td>P</td> <td>23 15 28.0</td> <td>+1.7</td>	P	23 15 28.0	+1.7
KSM	Kuching	20.56	294 <td>P</td> <td>23 15 26.3</td> <td>-0.1</td>	P	23 15 26.3	-0.1
KSM	Kuching	20.56	294 <td>P</td> <td>23 15 27.9</td> <td>+1.0</td>	P	23 15 27.9	+1.0
GIRL	Giralala	20.92	221 <td>P</td> <td>23 15 31.1</td> <td>+1.1</td>	P	23 15 31.1	+1.1
GIRL	Giralala	20.92	221 <td>P</td> <td>23 15 30.7</td> <td>+0.7</td>	P	23 15 30.7	+0.7
GIRL	Giralala	20.92	221 <td>Pn</td> <td>23 15 32.5</td> <td>-1.6</td>	Pn	23 15 32.5	-1.6
CTA	Charters Tower	21.05	129 <td>P</td> <td>23 15 31.4</td> <td>-0.1</td>	P	23 15 31.4	-0.1
CTA	Charters Tower	21.05	129 <td>S</td> <td>23 15 10.6</td> <td>-7.9</td>	S	23 15 10.6	-7.9
CTA						

Table with columns: IATA, Name, Frequency, Class, Mode, Time, etc. Includes stations like LBZ, MDJ, LSA, etc.

Table with columns: IATA, Name, Frequency, Class, Mode, Time, etc. Includes stations like YSS, GKN, HYB, etc.

Table with columns: IATA, Name, Frequency, Class, Mode, Time, etc. Includes stations like WMQ, MOY, PAF, etc.

24d 23h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CHKK Chushkaly, TKM2 Tokmak 2, KUU Kurty, etc.

2015 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like HON Honolulu, KIP Kipapa, SOHO SOHO, etc.

1180

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ANM Nome, MIB Mutriabah, CHGN Chignik, etc.

KIV	Kislovodsk	92.32 314	↑P	P	23 23 55.4	+2.1
KIV	Kislovodsk	92.32 314	e	P	23 23 51.9	-1.4
KIV			e		23 24 34.6	
KIV			e		23 24 12.1	
KIV	comp=Z,10.0nm,1.1s			pmax	pmax	
PMR	Palmer	92.43 28	I	I	23 23 54.0	
PMR	Palmer	92.43 28	P	P	23 23 52.8	-0.5
CHVG	Ch'kvaleri	92.59 313	↑P	P	23 23 56.5	+1.9
PSW	Port Wells	92.68 29	I	I	23 23 55.6	
PWL	Port Wells	92.68 29	P	P	23 23 54.0	-0.5
KNK	Knik Glacier	92.72 29	P	P	23 23 54.7	0.0
BCA	Borka	92.77 311	↑P	P	23 24 04.2	+8.8
SML	Sawmill	92.84 28	P	P	23 23 55.1	-0.2
MCK	McKinley	92.91 26	P	P	23 23 54.8	-0.7
WAT1	Susitna Watana	92.92 27	P	P	23 23 54.9	-0.7
I23K	Minto, Yukon-K	92.98 25	P	P	23 23 55.6	-0.2
NEA2	Nenana	93.01 25	P	P	23 23 54.9	-1.0
COLD	Coldfoot	93.05 23	I	I	23 23 57.7	
COLD	Coldfoot	93.05 23	P	P	23 23 56.4	+0.4
PRGR	Permogore	93.16 332	eP	P	23 23 49.3	-7.3
PRGR				pmax	pmax	
WAT6	Susitna Watana	93.25 27	P	P	23 23 56.9	-0.4
GLI	Glacier Island	93.28 29	P	P	23 23 57.7	+0.4
GLI	Glacier Island	93.28 29	I	I	23 23 58.3	
GLI	Glacier Island	93.28 29	P	P	23 23 56.9	-0.3
SCM	Sheep Creek Mo	93.32 28	P	P	23 23 57.4	-0.1
Q23K	Middleton Isla	93.43 31	P	P	23 23 58.1	+0.2
DHY	Denali Highway	93.49 27	P	P	23 23 58.0	-0.2
TOLK	Took Lake Res	93.55 21	P	P	23 23 58.5	+0.1
CCB	Clear Creek Bu	93.55 25	P	P	23 23 57.4	-1.0
FID	Port Fidalgo	93.56 29	I	I	23 23 59.8	
TCOL	CICO, UAF 1.4s	93.56 25	P	P	23 23 57.1	-1.3
COLA	College	93.57 25	P	P	23 23 57.3	-1.2
H24K	Noodor Dome	93.71 24	P	P	23 23 59.2	0.0
POKR	Poker Plat Res	93.78 25	P	P	23 23 59.5	0.0
VRH	Novokhoporsky	93.87 321	eP	P	23 23 58.2	-2.0
VRH				pmax	pmax	
HDA	Harding Lake	93.88 26	P	P	23 23 58.7	-1.3
EYAK	Cordova Ski Ar	93.89 30	P	P	23 23 59.6	-0.4
M24K	Tolsona, Glenn	93.90 28	P	P	23 24 00.3	+0.2
ILU	Klutina	93.93 29	P	P	23 24 00.4	+0.1
KL31		93.96 25	I	I	23 23 59.8	
ILAR	Eielson Array	93.96 25	P	P	23 23 58.8	-1.5
ILAR	Eielson Array	93.96 25	PP	PP	23 27 43.9	-4.1
ILAR	comp=Z,0.6nm,0.5s,baz=267,slow=4.2,SNR=7.2			PKKP	PKKP	
ILAR	comp=Z,1.5nm,0.9s,baz=277,slow=3.4,SNR=1.3			PKKP	PKKP	
ILAR	comp=Z,2.2nm,0.7s,baz=350,slow=1.4,SNR=20			LR	LR	
ILAR	comp=Z,2.17nm,20.8s,baz=277,slow=33					
ILAR	Eielson Array	93.96 25	P	P	23 23 58.8	-1.5
LODK	Lodwar	94.04 273	P	P	23 24 02.5	+0.5
LODK	Lodwar	94.04 273	P	P	23 24 01.3	-0.6
PAX	Paxson	94.34 27	P	P	23 24 02.0	-0.2
PAX				pmax	pmax	
PAX	comp=Z,0.97nm,1.2s			I	I	
PAX	comp=Z,0.97nm,1.2s			I	I	
RAGM	Ragged Mount	94.34 27	P	P	23 24 02.1	-0.2
RAGM	Ragged Mount	94.34 27	P	P	23 24 02.7	+0.3
HARP	HAARP	94.41 28	P	P	23 24 03.9	+0.4
SOC	Sochi	94.41 313	eP	P	23 23 59.3	-3.5
SOC			e	PP	23 24 35.2	-1.2
SOC			e	SS	23 27 47.1	
SOC			e	SSS	23 34 21.7	-3.9
SOC			e	SSS	23 41 26.6	-2.3
SOC			e	SSS	23 45 10.5	
KAIM	Kayak Island	94.47 30	P	P	23 24 03.0	+0.3
BMRM	Bremner River	94.50 29	I	I	23 24 04.2	
BMRM	Bremner River	94.50 29	P	P	23 24 03.0	+0.1
N25K	Chitina, Valde	94.58 29	P	P	23 24 03.5	+0.3
N25K				I	I	
N25K	Chitina, Valde	94.58 29	P	P	23 24 03.6	+0.3
J25K	Salcha River	94.58 26	P	P	23 24 02.1	-1.2
IBDG	Independent Riv	94.71 26	P	P	23 24 03.4	-0.3
RERG	Berg Lake	94.88 30	I	I	23 24 06.3	
MALT	Malatya	94.88 308	P	P	23 24 06.0	+0.7
GLB	Gilchah Butte	94.93 29	I	I	23 24 06.2	
DOT	Dot Lake	95.05 27	I	I	23 24 06.4	
VRDI	Verde Repeater	95.08 29	I	I	23 24 07.0	
SCRK	Sand Creek	95.11 26	I	I	23 24 06.9	
SCRK	Sand Creek	95.11 26	P	P	23 24 05.4	-0.3
MENT	Mentasta	95.13 27	I	I	23 24 07.8	
CRQM	Cirque	95.19 30	I	I	23 24 07.8	
CROE	Cirque	95.21 30	P	P	23 24 06.3	0.0
SNA4	Snae	95.22 194	P	P	23 24 06.7	+0.6
SNA4	Snae	95.22 194	PKKP	PKKP	23 40 57.3	-3.8
SNA4	comp=Z,1.7nm,0.6s,baz=259,slow=5.8,SNR=12			I	I	
SNA4	Snae	95.22 194	I	I	23 24 08.3	
WAX	Waxell Ridge	95.30 30	P	P	23 24 07.0	+0.4
WAX				I	I	
MCARA	McCarthy VSAT	95.30 29	P	P	23 24 06.9	+0.3
MCARA	McCarthy VSAT	95.30 29	P	P	23 24 17.9	
MCARA	McCarthy VSAT	95.30 29	P	P	23 24 06.7	+0.2
L26K	Log Cabin Wild	95.31 27	I	I	23 24 08.0	
L26K	Log Cabin Wild	95.31 27	P	P	23 24 06.6	0.0
TGL	Tana Glacier	95.34 30	P	P	23 24 07.2	+0.4
TGL				I	I	
J26L	Joseph Creek	95.35 26	P	P	23 24 06.8	0.0

VORD	Divnogorie	95.37 321	eP	P	23 24 05.1	-1.9
VORD				pmax	pmax	
M26K	Nabesna, AK	95.41 28	I	I	23 24 08.5	
M26K	Nabesna, AK	95.41 28	P	P	23 24 06.9	-0.2
VSR	Storozhevoye	95.47 321	eP	P	23 24 05.9	-1.6
VSR				pmax	pmax	
ISLE	Juniper Island	95.57 30	I	I	23 24 09.6	
ASF	Jabal al Asfar	95.58 302	P	P	23 24 08.3	-0.3
ASF	Jabal al Asfar	95.58 302	P	P	23 24 08.3	-0.3
MESA	MESA	95.73 30	P	P	23 24 08.7	0.0
LPSR	Galich ya Gora	95.73 322	eP	P	23 24 07.5	-1.1
LPSR				pmax	pmax	
GAZ	Gaziantep	95.74 307	I	I	23 24 09.5	
M27K	Edge Creek, AK	95.92 28	I	I	23 24 12.1	
M27K	Edge Creek, AK	95.92 28	P	P	23 24 09.9	+0.4
BARN	Barnard Glacie	95.94 29	I	I	23 24 11.6	
L27K	Beaver Creek	96.00 27	P	P	23 24 10.0	+0.3
KLMR	Klimovskoe	96.00 331	eP	P	23 24 06.0	-3.7
KLMR			e	PP	23 24 41.7	-1.0
KLMR			e	PP	23 28 01.9	
KLMR			e	PP	23 24 06.0	-3.7
KLMR			e	PP	23 24 12.1	
KLMR			e	PP	23 24 41.7	-1.0
KLMR			e	PP	23 28 01.4	-2.5
KLMR			e	PP	23 40 50.2	-1.0
BVCY	Beaver Creek	96.40 28	P	P	23 24 12.1	+0.6
EGAK	Eagle	96.40 26	I	I	23 24 12.7	
YUK3	Moose Creek	96.56 29	P	P	23 24 12.9	+0.4
PINM	Pinnacle	96.57 30	P	P	23 24 12.7	+0.3
GHAJ	Ghor Haditha	96.64 301	P	P	23 24 13.3	+0.1
GHAJ				I	I	
MOS	Moscow	96.69 325	eP	P	23 24 10.4	-2.5
MOS				pmax	pmax	
VNA2	Neumayer-Watz	96.80 193	P	P	23 24 13.9	+0.7
MMAI	Mount Meron Ar	96.90 302	P	P	23 24 14.4	-0.2
MMAI				PKKP	PKKP	
BNN	Bunyan	96.94 308	P	P	23 24 14.4	-0.2
BNN				I	I	
PNL	Peninsula	96.98 31	P	P	23 24 14.0	-0.2
EIL	Eilat	97.04 299	P	P	23 24 13.5	-1.7
VNA3	Neumayer Olymp	97.06 192	P	P	23 24 14.9	+0.4
DAWY	Dawson	97.14 26	P	P	23 24 15.2	+0.3
VNA1	Neumayer-Stat	97.20 193	P	P	23 24 15.7	+0.7
OBN	Obninsk	97.27 325	eP	P	23 24 13.8	-1.7
OBN	Obninsk	97.27 325	iP	P	23 24 14.1	-1.4
OBN				PP	23 24 50.0	+1.4
OBN				SP	23 25 04.0	+1.8
OBN				e	23 36 49.2	
OBN				e	23 37 37.1	
OBN				SS	23 42 11.0	+2.4
OBN				pmax	pmax	
OBN	comp=Z,7.2nm,1.6s			MLR	MLR	
OBN	comp=Z,4.63nm,20.0s			MLR	MLR	
OBN	Obninsk	97.27 325	P	P	23 24 14.2	-1.3
OBN				I	I	
OBN				I	I	
I29M	Oglivite Camp,	97.63 25	P	P	23 24 17.2	+0.2
J29M	Klondike Camp	97.66 26	P	P	23 24 17.6	+0.4
MBAR	Mbarara	98.13 268	P	P	23 24 19.0	-1.6
MBAR				pmax	pmax	
MBAR	Mbarara	98.13 268	P	P	23 24 19.0	-1.6
EPYK	Eagle Plains	98.28 24	I	I	23 24 21.1	
EPYK	Eagle Plains	98.28 24	P	P	23 24 19.6	-0.3
LSZ	Lusaka	98.46 253	P	P	23 24 21.6	-0.4
LSZ				pmax	pmax	
LSZ	Lusaka	98.46 253	P	P	23 24 21.6	-0.4
BOSA	Boshof	98.51 240	P	P	23 24 21.8	-0.2
BOSA				LR	LR	
BOSA	comp=Z,1.85nm,21.9s,baz=100,slow=32					
BOSA	Boshof	98.51 240	P	P	23 24 21.8	-0.2
BRTR	Keskin Array B	98.69 309	P	P	23 24 21.1	-1.4
BRTR				PP	PP	
BRTR	Keskin Array B	98.69 309	P	P	23 24 21.1	-1.4
APA	Apatity	98.77 337	iP	P	23 24 27.2	+5.2
N31M	comp=Z,8.0nm,1.1s	98.78 29	P	P	23 24 23.1	+0.8
SKAG	Skagway	99.05 31	P	P	23 24 23.9	+0.5
WHY	Whitehorse	99.24 30	P	P	23 24 24.8	+0.4
M31M	Drury Creek, Y	99.42 28	P	P	23 24 25.1	0.0
INK	Inuvik	99.43 22	P	P	23 24 24.7	-0.2
P33M	Teslin, Yukon	100.28 30	P	P	23 24 29.4	+0.3
ARCES	ARCES Array B	101.44 340	P	P	23 24 33.0	-0.9
ARCES				PKKP	PKKP	
ARCES	comp=Z,4.1nm,0.8s,baz=115,slow=1.4,SNR=12					
ARCES	ARCES Array B	101.44 340	P	P	23 40 41.6	-3.3
ARCES	ARCES Array B	101.44 340	P	P	23 24 33.0	-0.9
A36M	Sachs Harbour	101.67 18	P	P	23 24 34.8	-0.1
AKAS	Malin Array Be	101.75 320	P	P	23 24 34.2	-1.4
AKAS				PP	PP	
AKAS	comp=Z,1.1nm,0.6s,baz=75,slow=4.1,SNR=6.5					
AKAS	Malin Array Be	101.75 320	iP	P	23 24 34.7	-0.9
AKAS				pmax	pmax	
MNK	Minsk	102.30 324	iP	P	23 24 37.2	-0.8
MNK				P	P	
MNK				PP	PP	
MNK				SS	SS	
MNK				SS	SS	
MNK				SS	SS	
MNK				pmax	pmax	
MNK	comp=N,8.0nm,1.0s			pmax	pmax	
MNK	comp=E,3.0nm,1.0s			pmax	pmax	
MNK	comp=Z,1.5nm,1.0s			MLR	MLR	
MNK	comp=E,1.8nm,13.0s			MLR	MLR	
MNK	comp=Z,12.0nm,13.0s			MLR	MLR	
MNK	comp=N,23.9nm,13.0s			MLR	MLR	
MNK	Minsk	102.30 324	iP	P	23 24 37.2	-0.8
MNK	comp=E,3.0nm,1.0s					

24d 23h

Table with columns for call sign, name, frequency, and other details. Includes stations like MATE, SOKA, BOJS, etc.

2015 DEC

Table with columns for call sign, name, frequency, and other details. Includes stations like SUMG, R11A, PFO, etc.

1182

Table with columns for call sign, name, frequency, and other details. Includes stations like SUSD, MSTX, TXAR, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like SIGR, KEMT, KORT, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like TAMRE, DQRL, MMAI, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like EGYH, UZH, SOC, etc.

1189 **2015 DEC** **25d 3h**

M04C	Macdoel	1.69 268	P	Pn	02 37 19.6	-0.3
M04C	Circle Bar Ran	1.70 28	IAML	Pn	02 37 20.6	+0.6
J08A	comp=N,573nm,0.7s		IAML		02 37 47.2	
K04D	Chiloutin, OR	1.78 296	P	Pn	02 37 20.9	-0.2
K04D	baz=115,SNR=140		Sb	Pg	02 37 46.3	-1.1
J05D	Fort Rock, OR	1.87 320	P	Pn	02 37 22.3	-0.1
J05D	baz=139		Sb	Pg	02 37 49.5	-0.7
L04D	Klamath Falls	2.06 281	P	Pn	02 37 24.5	-0.4
L04D	baz=99,SNR=502		Sb	Pg	02 37 54.5	-1.9
PAHR	Pah Rah Range	2.17 176	Pn	Pn	02 37 26.5	+0.1
PINE	Pine Mountain	2.17 333	IAML		02 37 27.4	+0.9
PEAR	comp=N,286nm,0.4s		IAML		02 38 02.2	
BMN	Peavine Mounta	2.28 187	Pn	Pn	02 37 29.2	+1.1
BMN	Battle Mountain	2.29 128	IAML		02 38 04.3	
BMN	comp=E,303nm,0.6s		IAML		02 38 05.7	
O03E	comp=N,290nm,0.8s		Pn	Pn	02 37 28.4	+0.2
O03E	Paynes Creek	2.30 228	P	Sb	02 38 01.4	+1.1
O03E	baz=46,SNR=101		Sb	Pg	02 37 28.8	+0.2
J04D	Umpqua Nationa	2.32 307	P	Pn	02 37 28.8	+0.2
J04D	baz=126,SNR=29		Sb	Pg	02 38 03.2	-1.4
YBH	Yreka Blue Hor	2.34 268	Pn	Pn	02 37 28.4	-0.4
YBH	comp=N,15nm,0.3s,ba		LR		02 38 00.3	
YBH	comp=N,81nm,21.3s		Lg	Lg	02 38 03.4	
YBH	Yreka Blue Hor	2.34 268	Pn	Pn	02 37 28.2	-0.6
YBH	comp=N,216nm,0.6s		IAML		02 38 04.6	
YBH	Yreka Blue Hor	2.34 268	Pn	Pn	02 37 27.7	-1.1
YBH	Yreka Blue Hor	2.34 268	Pn	Pn	02 38 03.4	-2.1
M02C	Callahan	2.50 260	P	Sb	02 37 30.1	-0.9
M02C	baz=78,SNR=21		Sb	Pg	02 38 06.8	+0.8
N02D	Trinity Center	2.52 250	P	Pn	02 37 30.5	-0.7
N02D	baz=68,SNR=11		Sb	Pg	02 38 07.8	+1.3
VCNR	Virginia City	2.57 181	Pn	Pn	02 37 32.1	0.0
WDC	Whiskeytown Da	2.58 241	IAML		02 37 31.5	-0.5
WDC	comp=N,154nm,0.7s		IAML		02 38 11.1	
MPK	Martis Peak	2.59 188	Pb	Pb	02 37 35.0	-1.9
MPK	comp=N,180nm,0.5s		IAML		02 38 25.3	
MPK	comp=E,187nm,1.0s		IAML		02 37 35.0	+0.9
ORV	Oroville	2.73 213	Pn	Pn	02 37 33.7	-0.4
PNTR	Pine Nut	2.78 180	IAML		02 37 35.7	+0.8
PNTR	comp=E,198nm,1.2s		IAML		02 38 36.6	
I05D	Terrebonne, OR	2.78 333	Pb	Pb	02 37 40.0	-0.1
I05D	baz=152		Sb	Pg	02 38 16.8	-2.8
I04A	Tendick Farm,	2.83 314	Pb	Pb	02 37 40.6	-0.3
I04A	baz=132,SNR=11		Sb	Pg	02 38 18.0	-3.2
RUBR	Rubicon Trail	2.85 189	Pn	Pn	02 37 35.9	0.0
RUBR	comp=E,109nm,0.7s		IAML		02 37 53.2	
RUBR	comp=N,122nm,1.4s		IAML		02 38 24.4	
YERR	Yerington	2.89 175	Pn	Pn	02 37 36.0	-0.4
EMB	Emerald Bay	2.92 188	Pn	Pn	02 37 37.4	+0.5
EMB	comp=E,89nm,0.6s		IAML		02 38 25.8	
EMB	comp=N,88nm,0.8s		IAML		02 38 26.6	
O02D	Mt. Diablo Mer	2.96 236	Pb	Pb	02 37 42.3	-0.8
O02D	baz=54,SNR=10.0		Sb	Pg	02 38 21.2	+2.0
L02E	Cave Junction	3.01 277	P	Pn	02 37 38.4	+0.4
L02E	baz=94		Sb	Pg	02 38 22.2	+1.5
KVN	Kaisererville	3.03 158	Pn	Pn	02 37 39.5	+1.1
KVN	comp=E,131nm,0.6s		IAML		02 38 30.7	
KVN	comp=N,88nm,0.9s		IAML		02 38 35.7	
K02D	Willamette Mer	3.14 287	P	Pn	02 37 40.3	+0.6
K02D	baz=104		Sb	Pg	02 38 21.2	+2.0
MFID	Camas Ranch	3.17 60	Pn	Pn	02 37 41.0	+0.8
KHMM	Horse Mountain	3.28 254	Pn	Pn	02 37 41.3	+0.4
KHMM	comp=N,104nm,1.5s		IAML		02 38 45.7	
KHMM	comp=E,126nm,2.2s		IAML		02 38 49.2	
I03D	Drain, OR	3.32 305	Sb	Sb	02 38 32.2	+2.6
I03D	baz=122		Sb	Pg	02 37 42.2	-0.4
RYN	Ryan	3.34 166	Pn	Pn	02 37 42.2	-0.4
RYN	comp=N,87nm,0.5s		IAML		02 38 39.5	
RYN	comp=N,120nm,0.9s		IAML		02 38 42.2	
H04A	Detroit Lake	3.40 327	Pn	Pn	02 37 43.0	-0.3
BMO	Blue Mountains	3.41 28	Pn	Pn	02 37 44.0	+0.5
G06A	Pilot Rock	3.45 7	Pn	Pn	02 37 44.7	+0.6
ELK	Elko	3.46 108	Pn	Pn	02 37 46.3	+2.0
ELK	comp=E,8.1nm,0.3s		Lg	Lg	02 38 36.1	
ELK	comp=E,22nm,0.3s		LR	LR	02 38 43.8	
ELK	comp=E,64nm,19.7s		LR	LR	02 38 43.8	
NVAR	Mina Array Bea	3.57 164	Pn	Pn	02 37 47.6	+1.7
NVAR	comp=E,1.9nm,0.3s		Pg	Pg	02 37 56.2	-2.4
NVAR	comp=E,7.1nm,0.3s		Lg	Lg	02 38 44.4	
NVAR	comp=E,20nm,0.3s		Pn	Pn	02 37 45.9	+0.1
NVAR	Mina Array Bea	3.57 164	Pn	Pn	02 37 44.7	+0.5
NV11	Mina Array Sit	3.60 162	IAML		02 37 46.9	+0.7
NV11	comp=N,50nm,0.6s		IAML		02 38 48.0	
NV11	comp=E,49nm,0.8s		IAML		02 38 53.0	
LHV	Little Hooton	3.71 167	Pn	Pn	02 37 46.5	-1.0
HOOD	Mount Hood Mea	3.77 337	Pn	Pn	02 37 47.0	-1.4
HOOD	comp=N,80nm,1.4s		IAML		02 38 55.2	
HOOD	comp=E,76nm,0.8s		Pn	Pn	02 37 49.5	-0.4
F07A	Phinny Hill Vi	4.03 357	Pn	Pn	02 37 51.0	-0.9
F07A	comp=N,57nm,0.8s		IAML		02 39 09.0	
PLID	Pearl Lake	4.14 38	Pn	Pn	02 37 52.9	-0.7
HLID	Hailey	4.17 64	Pn	Pn	02 37 53.1	-0.8
HLID	comp=E,76nm,0.9s		IAML		02 39 03.9	
HLID	comp=E,56nm,1.0s		P	Pn	02 37 54.2	+0.2
HLID	baz=248		Pn	Pn	02 37 55.1	+0.7
F10A	Beach Ranch, E	4.44 22	Pn	Pn	02 37 57.0	-0.6
F10A	comp=E,28nm,2.5s		IAML		02 39 18.0	
F10A	comp=N,35nm,4.0s		IAML		02 39 30.7	
HAWA	Hanford	4.52 0	Pn	Pn	02 37 58.3	-0.4

HAWA	comp=N,25nm,0.9s		IAML		02 39 27.2	
E08A	Dider Farm, E1	4.64 4	Pn	Pn	02 37 59.4	-0.9
E08A	comp=E,35nm,1.0s		IAML		02 39 32.0	
DSP	Deep Springs	4.66 164	Pn	Pn	02 38 04.5	+3.9
R11A	Troy Canyon, C	4.66 138	Pn	Pn	02 38 00.5	-0.3
R11A	comp=E,34nm,1.2s		IAML		02 39 21.7	
R11A	comp=N,35nm,0.8s		IAML		02 39 22.1	
R11A	Troy Canyon, C	4.66 138	P	Pn	02 38 02.0	+1.2
E07A	Sunnyside	4.69 358	Pn	Pn	02 38 00.7	-0.4
E07A	comp=N,28nm,3.3s		IAML		02 39 44.9	
E07A	comp=E,28nm,2.0s		IAML		02 39 48.9	
E09A	Wood Farm, Sta	4.76 12	Pn	Pn	02 38 01.1	-0.8
LCH	Last Change Ra	4.87 161	Pn	Pn	02 38 03.2	-0.4
LCH	comp=N,20nm,0.7s		IAML		02 39 30.4	
BGU	Big Grassy Mow	5.02 99	Pn	Pn	02 38 08.7	+3.1
BGU	comp=N,22nm,0.7s		IAML		02 39 36.6	
BGU	comp=E,40nm,0.9s		IAML		02 39 40.6	
HVU	Hansel Valley	5.09 89	Pn	Pn	02 38 10.3	+3.8
DO8A	Wollman Farm	5.21 5	Pn	Pn	02 38 04.8	+0.7
DO8A	comp=E,19nm,2.9s		IAML		02 39 54.8	
DO8A	comp=N,18nm,3.6s		IAML		02 39 54.8	
DUG	Dugway, Tooele	5.38 106	P	Pn	02 38 10.4	-0.2
DUG	baz=290		P	Pn	02 38 12.8	+2.1
LTY	Liberty	5.44 352	Pn	Pn	02 38 12.0	+0.6
LTY	comp=N,15nm,0.3s		Lg	Lg	02 38 47.1	+3.8
MCA	Marble Canyon	5.51 160	Pn	Pn	02 38 12.9	-0.1
TPNV	Topopah Spring	5.55 151	Pn	Pn	02 38 15.3	+0.8
PRN	Pahroc Range	5.66 140	Pn	Pn	02 38 15.6	+0.1
MCMT	McKenzie Canyo	5.73 57	Pn	Pn	02 38 18.3	-0.8
NLU	North Lily Min	6.00 106	Pn	Pn	02 37 17.5	-1.8
CTU	Crapp Tracy	6.01 99	Pn	Pn	02 40 04.2	
CTU	comp=N,11nm,1.3s		Lg	Lg	02 39 19.8	-0.9
GWY	Greenwater Val	6.11 157	Pn	Pn	02 38 20.0	-1.1
DLMT	Dillon	6.15 53	Pn	Pn	02 38 22.3	-0.3
ISA	Isabella, Lake	6.26 172	Pn	Pn	02 40 09.9	
MPU	Maple Canyon	6.29 104	Pn	Pn	02 38 25.5	+0.3
MPU	comp=N,11nm,1.3s		Lg	Lg	02 38 38.7	-2.2
AHD	Auburn Hatcher	6.35 79	Pn	Pn	02 38 24.8	+0.7
TCRU	Three Creeks R	6.35 118	Pn	Pn	02 38 23.3	-0.8
SHPR	Sheep Range	6.36 146	Pn	Pn	02 40 14.1	
SHPR	comp=N,13nm,0.3s		LR	LR	02 39 19.9	-0.6
MIS9	Missoula	6.40 37	Pn	Pn	02 38 25.5	+0.2
CCUT	Cedar City	6.45 130	Pn	Pn	02 38 25.9	-0.1
LRM	Lakeview Ridge	6.49 50	Pn	Pn	02 38 27.7	+0.7
MVU	Marysville	6.57 118	Pn	Pn	02 38 27.5	-0.1
REDW	Red Top Meadow	6.61 74	Pn	Pn	02 38 58.1	-2.4
YHL	Hebgen Lake	6.81 51	Pn	Pn	02 38 01.1	-0.6
LOHW	Long Hollow	6.83 72	Pn	Pn	02 38 30.0	-1.0
MTPU	Mount Pierson	6.85 122	Pn	Pn	02 38 30.6	-0.3
BOZ	Bozeman (W)	6.86 54	Pn	Pn	02 38 30.3	-0.9
BOZ	comp=N,11nm,0.3s		Lg	Lg	02 38 31.2	-0.1
TMUT	Trail Mountain	6.87 109	Pn	Pn	02 38 31.7	+0.3
YMR	Madison River	7.14 126	Pn	Pn	02 40 28.0	
LCMT	Little Creek M	7.06 133	Pn	Pn	02 38 33.7	0.0
LCMT	comp=N,11nm,1.3s		Lg	Lg	02 40 42.2	
Q16A	Castle Valley	7.06 112	Pn	Pn	02 40 32.2	-2.2
Q16A	comp=N,11nm,1.3s		Lg	Lg	02 38 32.2	-0.7
KNB	Kanab	7.13 131	Pn	Pn	02 38 38.8	0.0
PKCU	Pink Cliffs	7.14 126	Pn	Pn	02 38 38.3	-0.6
SRU	San Rafael Swe	7.43 109	Pn	Pn	02 38 39.5	-0.1
P18A	Preston Nutter	7.43 104	Pn	Pn	02 38 45.4	+5.8
PD31	Pinedale Array	7.48 80	Pn	Pn	02 39 01.1	+1.0
PDAR	Pinedale Array	7.48 80	Pn	Pn	02 39 01.1	+1.0
PDAR	comp=N,0.1nm,0.3s		Pg	Pg	02 40 48.4	
PDAR	comp=N,0.3nm,0.3s		Lg	Lg	02 42	

25d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ALFC, ASGA, MERS, etc. with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NATA, ASGA, etc. with their respective coordinates and data.

2015 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ASGA, ALFC, MERS, etc. with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, ASAR, etc. with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GALA, ASGA, etc. with their respective coordinates and data.

1190

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GALA, NDR, MERS, etc. with their respective coordinates and data.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC. Includes stations like Tsoukalades, L, Nydri-Lefkada, Fiskardo, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC. Includes stations like Punta Cana, DR, Isla Desecho, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC. Includes stations like Arcedibo Observ, Utuado, UPR, P, Obispo Ponce, etc.

IDC 25 04:17:53.2±2.3, 19.235±177.73W, h0km, mb3.5/5, mb1 3.8/5, mb1mx3.5/29, mbtmp3.5/5, Error ellipse: s-maj=140.2km s-min=27.2km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC. Includes stations like Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array, etc.

MAN 25 04:19:24.3, 9.70N±123.82E, h32km, mb4.2, ML3.0, MS2.6, Negros

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC. Includes stations like Warramunga Arr, ASAR Alice Springs, GUMO Guam, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC. Includes stations like Stephens Creek, Khabak array, Keskin Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like GTOI Gorontalo, LBMI Labuha, MRSI Marisa, etc.

JMA 25 05:36:43.0, 0.1, 23.58N, 121.64E, h45km, 3km, M3.2
TAP 25 05:36:44.0, 23.58N, 121.64E, h32km, ML3.3, C
ISC 25 05:36:43.0, 0.9, 23.56N, 121.71E, 0.02, h31km, 8km,

Main table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Lists numerous stations including TEGC Jichi Village, HGSU Ruisui, EGFG Guangfu, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Lists stations like TDCB Techu, ENA Nanau, WCS Beigang, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Lists stations like TAW Tawu, EAST Anshuo, TIPB Shuangxi, etc.

IDC 25 05:45:23.3, 30.0, 17.35N, 144.95E, h0km, mb3.8/4,
mb1 3.9/4, mb1mx3.2/47, mbtmp3.8/4, MS4.6/1, Ms1 4.6/1,
ms1mx2.7/56, Error ellipse: s-maj=556.5km

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Lists stations like JUNU Nakatsue, WRA Warramunga Arr, etc.

IDC 25 05:52:20.6, 5.6, 3.63S, 151.41E, h0km, mb3.9/4,
mb1 4.1/4, mb1mx3.4/50, mbtmp3.9/4, MS3.1/1, Ms1 3.1/1,
ms1mx2.5/40, Error ellipse: s-maj=144.4km

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Lists stations like HNR Honiara, WRA Warramunga Arr, etc.

OSPL 25 05:52:16.5, 1.3, 19.22N, 66.97W, h15km, 9km, ML3.8
RSPR 25 05:52:18.3, 18.99N, 67.69W, h13km, 8km, MD3.5/17
NEIC 25 05:52:18.6, 1.7, 18.92N, 0.05-67.55W, 0.04, h17nm, 6km,

Error ellipse: s-maj=7.0km s-min=4.4km az=200.0
IDC 25 05:52:20.0, 1.9, 19.02N, 67.55W, h0km, mb3.6/3,
mb1 4.1/4, mb1mx3.4/40, mbtmp3.9/4, ML3.1/1, Error
ellipse: s-maj=47.2km s-min=33.7km az=169.0

ISC 25 05:52:20.9, 0.7, 18.89N, 0.05-67.48W, 0.03, h27km, n74,
r1543/80, mb3.8/3, 13C-4D, Mona Passage

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Lists stations like IDE Isla Deshecho, AGPR Aguadilla, etc.

25d 7h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HALLET, WAKARUMA, CMSA, etc.

IDC 25 07:15:03.0-6.2, 35.92KN:142.94E, h0km, mb3.6/2, mb1 3.6/3, mb1mx2.9/55, mbtmp3.6/3, ML3.0, M1.6/3, M2.6/2, Ms1 3.6/2, ms1mx2.7/48, Error ellipse: s-maj=121.6km s-min=60.2km az=168.0

JMA 25 07:15:11.0-4.0, 36.71KN:142.29E, h18km, mb3.6/2, ISC 25 07:15:10.3-3.6, 36.72KN:0.05E:142.24E-0.06, h1km, 25km, n21, 11, 882/29, Off. AZZ Phase ID

Main table of seismic data for 25d 7h, listing stations like ONAJ, JFK, JHO, etc. with their respective coordinates and phases.

BJI 25 07:43:48.5-0.0, 14.82Sx167.86E, h126km, mb5.0/25, mb5.0/50

IDC 25 07:43:49.7-1.9, 9.1523S:167.55E, h127km, 16km, mb4.6/21, mb1 4.6/26, mbtmp4.9/23, MS3.5/7, Ms1 3.4/7, ms1mx3.2/24, Error ellipse: s-maj=14.0km s-min=11.1km az=81.0

GCMT 25 07:43:49.0-0.3, 14.98S:0.04E:167.44E:0.03, h125km, 3km, MW4.9/75, Moment Tensor Solution. s24,c25; s75,c92; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:3.06E+15; Mw:0.92E+19; Mo:2.14E+17; Mo:0.71E+15; Mo:0.88E+15; Mo:0.15E+13; Best double couple: Mo:2.91200e+1016 NP1:0.200,000000; 641.000000; 1.77.000000; NP2: 0.37.000000; 850.000000; 1.101.000000; Principal axes: T 3.1820, Plg60.0000; Azm0.0000; N -0.5440, Plg9.0000; Azm210.0000; N -2.6420, Plg5.0000; Azm119.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 25 07:43:50.9, 15.24S:167.41E, h119km, mb5.2/54, Vanuatu Islands

NEIC 25 07:43:50.2-3, 15.28S:0.08E:167.6E:0.1, h121km, 4km, mb5.1/45, Error ellipse: s-maj=14.3km s-min=11.3km az=76.0

MOS 25 07:43:52.0-1.2, 15.19S:167.40E, h155km, mb5.0/23, Error ellipse: s-maj=9.8km s-min=8.2km az=42.2

ISC 25 07:43:50.3-0.6, 15.21S:0.05E:167.49E:0.06, h131km, 6km, n278, r1927/286, mb3.9/36, C-124, Fault plane solution: NP1:0.238,91989; 34.4.20252; 1.89.37975; NP2:0.59,78507; 845.80075; 1.90.60318; Principal axes: T Plg89.0914; Azm357.7809; N Plg0.4324; Azm239.3645; P Plg0.7991; Azm149.3585; Vanuatu Islands

Main table of seismic data for 25d 7h, listing stations like SANVU, SARAOUITO, DVP, etc. with their respective coordinates and phases.

2015 DEC

Main table of seismic data for 2015 DEC, listing stations like ROMA, ROMA, ROMA, etc. with their respective coordinates and phases.

1196

Main table of seismic data for 1196, listing stations like PSA00, PSA00, GTOI, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YAK Yakutsk, ULN Ulanbaatar, SONM Songoro Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GERES, DAVOX DAVOS/DISCHMAT, SGRT San Giovanni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR, MKAR Makanchi Array, IDC 25 08:37:46.5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Fray Jorge, La Serena, Tololo Observa, etc.

IDC 25 09:50:10.6:106.0, 14.84Sx173.13E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/34, mbtmp4.0/3, Error ellipse: s-maj=183.1, s-min=155.0, km az=69.0, NOU 25 09:51:16.8, 17.26S:168.64E, h212km, MLV4.0/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Rentapao, DVP, SANVU, etc.

IDC 25 10:01:25.3:0.8, 4.23S:129.41E, h0km, mb4.0/7, mb1 4.1/10, mb1mx3.9/44, mbtmp4.0/10, ML3.7/3, MS3.2/4, MS1 3.2/4, ms1mx2.8/37, Error ellipse: s-maj=38.3km s-min=16.0km az=66.0, NEIC 25 10:01:27.9:0.9, 4.08S:129.50E:0.09, h10km, 1km, mb4.2/16, Error ellipse: s-maj=15.7km s-min=5.1km az=11.0, DJA 25 10:01:27.4:1.2, 4.12S:129.92E, h10km, M4.0/7, MLV4.0/7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BNDI, Bandonaira, Masoli, etc.

IDC 25 10:01:27.0:0.5, 4.13S:129.45E:0.06, h10km, n52, c1942/50, mb4.2/9, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BNDI, Bandonaira, Masoli, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like USSURIYSK AR, SONGINGO ARRAY, etc.

IDC 25 10:07:39.8:0.8, 5.409S:139.13W, h0km, mb4.3/8, mb1 4.3/9, mb1mx3.9/32, mbtmp4.3/9, ML4.8/11, MS4.0/16, MS1 3.9/16, ms1mx3.8/25, Error ellipse: s-maj=38.9km s-min=18.0km az=82.0, NEIC 25 10:07:41.8:0.9, 5.41S:139.12W:0.3, h10km, 1km, mb4.7/10, Error ellipse: s-maj=31.7km s-min=11.6km az=63.0, ISC 25 10:07:41.4:0.9, 5.41S:139.12W:0.2, h10km, n37, c050/23, mb4.6/9, MS4.0/15, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA2, VNA3, etc.

IDC 25 10:18:18.3:1.1, 54.10S:121.12W:0.2, h10km, n17, c080/16, mb4.2/5, Bouvet Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA2, VNA3, etc.

IDC 25 10:09:01.5:3.5, 6.02S:147.80E, h0km, mb3.7/2, mb1 3.9/4, mb1mx3.5/30, mbtmp3.7/4, ML3.6/11, MS2.5/1, MS1 2.5/1, ms1mx2.2/35, Error ellipse: s-maj=78.1km s-min=42.0km az=98.0, Eastern New Guinea region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA2, VNA3, SNA1, etc.

IDC 25 10:18:18.3:1.1, 54.10S:121.12W:0.2, h10km, 2km, mb4.6/7, Error ellipse: s-maj=39.9km s-min=10.1km az=29.0, IDC 25 10:18:18.3:1.1, 54.10S:121.12W:0.2, h10km, n17, c080/16, mb4.2/5, Bouvet Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA2, VNA3, etc.

IDC 25 10:30:41.8:3.9, 4.52S:101.76E, h0km, mb4.1/4, mb1 4.2/5, mb1mx3.6/48, mbtmp4.2/5, ML4.5/1, Error ellipse: s-maj=112.6km s-min=34.1km az=41.0, NEIC 25 10:30:44.8:1.2, 5.05S:108.101.6E:0.1, h35km, 2km, mb4.3/8, Error ellipse: s-maj=18.6km s-min=12.7km az=242.0, DJA 25 10:30:47.0:0.7, 5.5S:102.2E, h34km, 20km, M3.9/12, MLV3.9/12

IDC 25 10:30:43.8:1.1, 5.05S:101.76E:0.1, h32km, n32, c1949/28, mb4.3/7, Southwest of Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KSI, Kapingah, LAHI, etc.

IDC 25 10:31:01.2:58.0, 14.25S:167.89E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.5/33, mbtmp4.3/3, Error ellipse: s-maj=980.3km s-min=110.2km az=65.0, Vanuatu

25d 12h

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

WEL 25 11:04:47.5:0.8,35°S,13°18'0"W,1.8,h253km,15km, M3.6/14,mB4.1/4,ML4.1/22,MLV3.8/14,Mw(mB)3.1/4, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMGZ Waiomatatini S, HAZ Te Kaha, PKGZ Pakihiroa, WRA Warrungarra Arr, etc.

IDC 25 11:06:49.5:387.0,53°55'N,43°01'E,h0km, Error ellipse: s-maj=162.0km s-min=92.3km az=139.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I34RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, I34MN SONGINO INFRAS.

IDC 25 11:11:11.2:8.7,36°80'N,70°43'E,h208km,54km,mb2.8/1, mb1 3.1/6,mb1mx3.8/47,mbtm3.7/6, Error ellipse: s-maj=83.1km s-min=48.6km az=174.0, NNC 25 11:11:13.1:6.6,37°08'N,70°09'E,h168km,110km,mb3.1, mp4.0, Error ellipse: s-maj=62.4km s-min=38.3km az=17.0

ISC 25 11:11:12.3:2.37,0N:0.2x70.2E:0.1,h200km,n19, r1504/23,1C-6D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, KK07 Karatay Array, UCH Uchtor, EKS2 Erkin-Say, AAK Ala-Archa, etc.

MIRAS 25 11:18:58.0:0.5,42°28'N,59°81'E,h0km,ML2.6/4, ISC 25 11:18:59.6:1.1,54°34'N,0.04:59.9E:0.1,h10km,n6, r195/11,3C-1D,Ural Mountains region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARU Arti, KAUAR Kamensk Uralsk, SAUR Sverdlovsk, SVE SVE.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PR3R Kungur, AKTO Ayubinsk, AKTO 1.7nm,0.5s, AB31 Akbulak array, AB31 1.0nm,0.3s,baz=0.1,slow=28,SNR=8.5

IDC 25 11:22:50.3:1.6,53°97S:2°08'W,h0km,mb3.9/3,mb1 4.1/3, mb1mx3.7/29,mbtm3.9/3, Error ellipse: s-maj=65.2km s-min=37.8km az=84.0, NEIC 25 11:22:51.1:2.0,53°9S:0.1x2.6W:0.3,h10km,1km, mb4.6/8, Error ellipse: s-maj=25.8km s-min=22.2km az=87.0

ISC 25 11:22:52.2:1.0,54°0S:0.2x2.8W:0.2,h10km,n14, r1501/12,mb4.5/6,Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNAA Sanae, MAW Mawson, LBTB Lobatse, GSPA South Pole Qui, VNSA Vanda, CPUP Villa Florida, BO01 Tunca, BO02 Maricunga, AC02 comp=2.8nm,1.4s, IPOC Station P, LPZD La Paz, TOROI Torodi Arr, YKA Yellowknife Arr, YKA Yellowknife Arr.

IDC 25 11:26:19.0:1.1,54°03S:2°18'W,h0km,mb4.2/5,mb1 4.3/5, mb1mx3.9/26,mbtm4.2/5,MS4.1/17,Ms1 4.1/17, ms1mx4.0/21, Error ellipse: s-maj=42.7km s-min=28.3km az=104.0

NEIC 25 11:26:20.2:2.6,54°1S:0.1x2.3W:0.1,h10km,1km, mb4.6/12, Error ellipse: s-maj=25.5km s-min=13.7km az=190.0

GCMT 25 11:26:23.1:0.3,54°13S:0.03x1.78W:0.04,h17km,1km, MW5.0/88, Moment Tensor Solution. s24,c26; s88,c115; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=3.50E+21; Mw=1.66E+16; Mv=1.84E+13; Mo=1.14E+45; Mho=1.55E+09; Mv=1.25E+36; Best double couple: M3.81700x10^16 NP1,37136.00000°,s32.00000°,l-91.00000°. NP2: 3.7390, Plg13.0000°, Azm147.0000°, Plg77.0000°, Plg0.0000°, Azm137.0000°, P: 3.89000, Plg77.0000°, Azm228.0000°, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 25 11:26:20.0:0.8,54°1S:0.1x2.4W:0.2,h10km,n39, r0581/19,mb4.5/7,MS4.3/21,Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, SNAA Sanae, PMSA Palmer Station, BOSA Boshof, MAW Mawson, GSPA South Pole Qui, PLCA Paso Flores, LC01 Cuncu, VNSA Vanda, VNSA Vanda, CPUP Villa Florida, BDFB Brasilia, LVC Limon Verde, PB09 IPOC Station P, MBAR Mbarara, MBAR Mbarara, DBIC Dimbokro, PB11 IPOC Station P, KMBO Kilima Mbojo, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, TOROI Torodi Arr, TOROI Torodi Arr, KOWA Kowa, KOWA Kowa, ATD Arta Tunnel, ATD Arta Tunnel, RISC El Rosal, MDT Midfelt, ESDC Sonsea Array, RAO Raoul Island, TBI Tubuai, BRTR Keskin Array, PPT2 Papeete, DZM Mont Dzumac, TAOE Nuku Hiva Isla, YKA Yellowknife Arr, YKA Yellowknife Arr, VNSA Vanda.

1200

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, TORD Torodi Arr.

IDC 25 11:50:36.9:2.7,14N:142°23'E,h0km,mb3.9/5, mb1 4.0/5,mb1mx3.4/70,mbtm3.9/5,MS3.4/4,Ms1 3.4/4, ms1mx2.9/46, Error ellipse: s-maj=115.5km s-min=30.7km az=77.0

JMA 25 11:51:24.0:0.2,27°00'N:141°19'E,h385km,2km,M4.5, ISC 25 11:51:21.4:1.4,26.7N:0.2x141.1E:0.2,h400km,n15, r1501/12,mb3.1/5,Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH2 Haha-jima-NKT2, JHH2 Haha-jima, CBJJ Chichi jima, CBJJ Chichi jima, BS01 Boso I, JKNZ Miekikohan, JRY Ryogami san, JAG Ashikaga, JAY Jayapura, SEY Seiyun, WRA Warrungarra Arr, ZALV Zalesov Beam, MKAR Makanchi Array, BVAR Borovoye Array, AFI Afiamalu, ARCES ARCES Array B, FINES FINES Array B.

IDC 25 11:54:03.6:1.3,4°26'S:129°39'E,h0km,mb3.6/3, mb1 3.9/6,mb1mx3.3/58,mbtm3.8/6,ML3.7/3, Error ellipse: s-maj=54.3km s-min=24.4km az=78.0

NEIC 25 11:54:05.6:1.9,4°20'S:0.06x129.56E:0.07,h10km,1km, mb4.1/15, Error ellipse: s-maj=11.3km s-min=10.4km az=120.0

ISC 25 11:54:08.2:0.7,42°55'06S:129°59E:0.08,h36km,n30, r1514/31,mb4.0/5,Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, SIJI Sorong, SIJI Sorong, SAUJ Sauiju, TNTI Ternat, LUWI Luwih, SOEI Soe, MMRI Maumere, MTN Mantion Dam, WBD Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WB2 Warrungarra Arr, WR0 Warrungarra Arr, WR0 Warrungarra Arr, COEN Coen, COEN Coen, PMG Port Moresby, UMG Wanagana, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, SONM Songino Array, SONM Songino Array, SONM Songino Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, KURBB Kurchatov Arr, KURK Kurchatov, KURK Kurchatov.

IDC 25 12:00:56.9:1.4,54°09S:1°77'W,h0km,mb4.0/4,mb1 4.1/4, mb1mx3.8/34,mbtm4.0/4,MS3.9/13,Ms1 3.8/13, ms1mx3.8/18, Error ellipse: s-maj=54.2km s-min=33.1km az=76.0

NEIC 25 12:00:59.0:1.2,54°0S:0.1x1.6W:0.3,h10km,1km, mb4.8/16, Error ellipse: s-maj=26.1km s-min=18.0km az=99.0

ISC 25 12:00:58.2:0.7,53°39S:0°10'15W:0.1,h10km,n31, r1929/21,mb4.7/10,MS3.9/13,2C,Bouvet Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNAA Sanae, SYO Syowa Base, SYO Syowa Base, SYO Syowa Base, BOSA Boshof, PMSA Palmer Station, PMSA Palmer Station, MAW Mawson, WIN Windhoek, WIN Windhoek, QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, SHEL Horse Pasture, MG02 Cerro Moreno, GLO10 Punta Arenas, PLCA Paso Flores, SBA Scott Base, SBA Scott Base, VNSA Vanda, VNSA Vanda.

25d 14h

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.

BUJ 25 14:02:12.7,0.0,6.58S, 129.68E, h30km, mB5.3/13, mb4.8/27, Ms4.4/11, P=1.0, A=1.0, S=1.0, T=1.0, ...

GCMT 25 14:02:19.5,0.3,5.91S:0.02x129.30E:0.02, h20km, 2km, MW4.8/58, Moment Tensor Solution. s20,c23; s58,c85; ...

DJA 25 14:02:20.6,1.0,6.52S:12.92E, h28km, 9km, M4.8/37, mB5.3/13, mb5.0/37, MLV5.0/13, Mw(mB)4.7/13 ...

ISC 25 14:02:20.7,0.3,6.03S:0.04x129.43E:0.05, h35km, n146, +159/135, mb4.8/35, MS3.14, 1C, Banda Sea ...

Main station list table for 25d 14h, listing stations from BNDI to ASAR with their respective codes, names, and coordinates.

2015 DEC

Main station list table for 2015 DEC, listing stations from ASAR Alice Springs to GEYT Alibek with their respective codes, names, and coordinates.

1202

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like PPT Papeete, NRIK Nori'sk, WRKA Warakurna.

IDC 25 14:17:24.5, 1.0, 3.63S:21.72E, h0km, mb3.9/7, mb1.3/9.8, mb1mx3.6/4.3, mbtm3.9/8, ML3.2/1, MS2.9/1, ...

ATH 25 14:17:26.2, 3.609N:21.67E, h9km, 3km, ML3.4/10, Error ellipse: s-maj=4.2km s-min=1.4km az=26.0 ...

ISC 25 14:17:28.6, 1.5, 3.629N:0.06x21.70E:0.05, h29km, 11km, n65, c224/83, mb3.9/7, Southern Greece ...

Main station list table for 1202, listing stations from PPT Papeete to DBC Dimbokro with their respective codes, names, and coordinates.

1203

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

NOU 25 14:22:25.9, 14.645S, 167.40E, h116km, mb4.3/13, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SARANU Saraoutou, DVP Devils Point, etc.

ADC 25 14:31:04.7, 1.5, 52.2N, 169.65W, h0km, mb3.6/3, mb1 3.7/8, mb1mx3.6/8, mbtmp3.6/8, ML3.2/2, MS6.3/4.1, Ms1 3.4/1, ms1mx2.5/36, Error ellipse: s-maj=50.1km s-min=25.8km az=152.0

AEIC 25 14:31:09.1, 5, 52.2N, 0.2, 169.8W, h0km, mb3.6/3, Error ellipse: s-maj=25.1km s-min=20.2km az=162.0

NEIC 25 14:31:14.3, 0.4, 52.4N, 0.2, 169.5W, h0km, mb3.6/3, ML2.2/2(AEIC), Error ellipse: s-maj=27.9km s-min=16.8km az=151.0

ISC 25 14:31:07.9, 1.3, 51.9N, 0.2, 169.2W, 0.1, h29km, n18, 1561/18, mb3.6/6, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like NIKH Nikolski High, OKSO Okmok South, etc.

ADC 25 14:32:04.7, 1.4, 45.89N, 82.84E, h0km, mb3.7/1, mb1 3.5/4, mb1mx2.9/58, mbtmp3.4/4, ML2.7/3, Error ellipse: s-maj=15.0km s-min=10.2km az=92.0

NCC 25 14:32:07.2, 0.7, 45.96N, 82.82E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=5.7km s-min=3.0km az=112.0

SOME 25 14:32:10.1, 46.03N, 82.45E, h5km, Error ellipse: s-maj=14.32km s-min=10.1km az=112.0

ISC 25 14:32:09.2, 1.2, 46.07N, 0.03, 82.81E, 0.03, h9km, n10km, n57, 2526/84, 7C-6Z, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, etc.

2015 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SEM Semipalatinsk, SEM Semipalatinsk, CHKK Chushkaly, etc.

ADC 25 14:42:26.9, 2.1, 6.76S, 130.02E, h142km, 22km, mb3.7/4, mb1 3.9/9, mb1mx3.5/31, mbtmp4.3/9, Error ellipse: s-maj=32.4km s-min=15.6km az=80.0

NEIC 25 14:42:28.1, 1.4, 6.72S, 0.08, 130.0E, 0.1, h145km, 11km, mb4.1/10, Error ellipse: s-maj=14.5km s-min=11.3km az=77.0

ISC 25 14:42:27.1, 0.6, 6.70S, 0.06, 129.98E, 0.06, h146km, n52, 1830/52, mb4.3/16, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SAUI Saumlaki, SAUI Saumlaki, etc.

25d 15h

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like QIS Mount Isa, AS31 Alice Springs, ASAR Alice Springs, etc.

BUL 25 15:05:21.0, 1.1, 20.65S, 30.72E, h0km, 36km, MD4.7, EAF 25 15:05:23.2, 0.7, 22.41S, 28.11E, h11km, 25km, MD4.4, Botswana

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like MSNA Messina, MATP Matopo, etc.

SJA 25 15:11:48.4, 1.2, 30.59S, 71.49W, h58km, 11km, ML4.5, MM4.2, NEIC 25 15:11:49.3, 0.3, 30.61S, 0.03, 71.40W, 0.06, h35km, 1km, mb4.5/14, GUC, Error ellipse: s-maj=9.1km s-min=5.3km az=82.0

ADC 25 15:11:49.7, 0.9, 30.62S, 71.15W, h44km, 6km, mb4.1/10, mb1 4.2/15, mb1mx4.0/28, mbtmp4.2/15, ML3.9/5, MS2.9/2, Ms1 2.9/2, ms1mx2.8/18, Error ellipse: s-maj=22.8km s-min=18.7km az=51.0

GUC 25 15:11:50.0, 0.5, 30.51S, 71.14W, h35km, mb4.4, IAO 25 15:11:50.0, 0.5, 30.58S, 0.03, 71.34W, 0.04, h49km, 5km, n178, 1533/196, mb4.4/14, 7C-12D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, etc.

25d 15h

Table of astronomical observations for 25d 15h, listing objects like ROCH, VA01, and PLCA with their coordinates and properties.

2015 DEC

Table of astronomical observations for 2015 DEC, listing objects like PLCA, BNDI, and WRA with their coordinates and properties.

1204

Table of astronomical observations for 1204, listing objects like BNDI, MSAL, and WRA with their coordinates and properties.

Code Station Name Az Az2 Phase ID Time Res
WRA Warramunga Arr 16.58 167 Pn Pn 15 25 21.4 -1.1
ASAR Alice Springs 20.12 171 P P 15 26 04.0

NNC 25 15:54:12.9+13.0,37.03N:71.00E,h0km,mb3.8,mpv3.4,
1C-5D, Error ellipse: s-maj=108.1km s-min=99.1km
az=152.0, Afghanistan-Tajikistan border region

1209

Table with columns for call sign, name, frequency, power, and other details. Includes stations like WMOK Wichita Mounta, W39A Magazine, and WHTX Lake Whitney.

2015 DEC

Table with columns for call sign, name, frequency, power, and other details. Includes stations like OGNE Ogallala, W39A Magazine, and WHTX Lake Whitney.

25d 19h

Table with columns for call sign, name, frequency, power, and other details. Includes stations like LENM Lemitar, W39A Magazine, and WHTX Lake Whitney.

25d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRTR, Keskin Array B, SULT, PRGR, etc.

2015 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HHC, GYA, Guiyang, BOR, etc.

1212

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BISR, Bisoca, PLO, etc.

Table with columns: LRV, comp-Z, MLR, MLR, and various station names like APE, VASULA, VSU, etc. with associated numerical data and status indicators.

Table with columns: MDRV, Moldovita, BZS, Stip, GVD, Gavdos, etc. with associated numerical data and status indicators.

Table with columns: NJ2, SHAW, Medical Clinic, SJEWS, Sjenica, etc. with associated numerical data and status indicators.

25d 19h

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like GUBA Police Station, KRALIKY, and ARSBERG.

2015 DEC

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like BSD Bornholm Skovb, KSBAR Backryngdo, and KHC Kasperske Hory.

1214

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like CLL Colim, COLIM, and ROTZ Rotzenmühle.

25d 19h

Table with columns for station call letters, frequency, power, and time. Includes stations like PRMA, CASP, STU, and various others.

2015 DEC

Table with columns for station call letters, frequency, power, and time. Includes stations like KBS, KSDAG, KSDAG, and various others.

1216

Table with columns for station call letters, frequency, power, and time. Includes stations like TYV, TYV, TYV, and various others.

25d 19h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Vila Bisbo, ZHG, VOI, ZRRR, etc.

2015 DEC

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NRS, ANM, PMAR, PMAK, etc.

1218

Table with columns for station name, frequency, mode, and signal strength. Includes stations like COLA, PMAN, ROSA, CAST, etc.

SPCR	baz=329	76.47	20	P	P	19 26 13.1	-0.2
M22K	Willow	76.57	19	P	S	19 26 13.5	-0.2
M22K	baz=327,SNR=135			S	S	19 26 40.0	-2.2
PAX	Paxson	76.65	16	P	P	19 26 14.1	-0.2
PAX	comp=Z,2um,1.5s			P	Pmax		
PAX	Paxson	76.65	16	P	P	19 26 14.1	-0.2
PAX	Paxson	76.65	16	P	P	19 26 14.4	+0.1
PAX	baz=330,SNR=567			S	S	19 26 14.4	-1.9
O19K	Port Alsworth	76.69	21	I	Amb	19 26 19.0	
O19K	Port Alsworth	76.69	21	P	P	19 26 15.1	+0.7
O19K	baz=324,SNR=41			S	S	19 26 42.3	-1.2
J29M	Klondike Camp	76.78	13	P	P	19 26 16.0	+1.0
J29M	baz=336,SNR=215			S	S	19 26 43.7	-1.0
NIKH	Nikolski High	76.84	33	P	P	19 26 15.5	+0.1
NIKH	baz=314			S	S	19 26 41.7	-3.7
DAWY	Dawson	76.92	13	P	P	19 26 16.3	+0.5
DAWY	baz=335,SNR=621			S	S	19 26 44.5	-1.7
PMR	Palmer	76.96	19	P	P	19 26 15.9	0.0
PMR	comp=Z,2um,1.2s			P	Pmax		
PMR	Palmer	76.96	19	P	I	Amb	
PMR	comp=Z,2um,1.2s			P	P	19 26 15.9	0.0
PMR	Palmer	76.96	19	P	S	19 26 43.8	-2.6
SML	Sawmill	76.98	18	P	P	19 26 16.3	+0.1
SML	baz=328,SNR=323			S	S	19 26 43.2	-3.6
MEEK	Meekatharra	77.05	137	P	P	19 26 16.3	-0.6
MEEK	baz=77,SNR=71			P	P	19 26 16.3	-0.6
P18K	Big Mountain	77.06	22	P	P	19 26 16.5	-0.1
P18K	Big Mountain	77.06	22	P	P	19 26 17.3	+0.7
L26K	Log Cabin Wild	77.07	15	P	P	19 26 17.2	+0.6
L26K	baz=332,SNR=916			S	S	19 26 45.7	-2.1
CAPN	Captain Cook N	77.11	20	P	P	19 26 17.1	+0.3
SCM	Sheep Creek Mo	77.20	18	P	P	19 26 17.4	0.0
SCM	comp=Z,2um,1.1s			P	Pmax		
SCM	Sheep Creek Mo	77.20	18	P	I	Amb	
SCM	comp=Z,2um,1.1s			P	P	19 26 17.4	0.0
SCM	Sheep Creek Mo	77.20	18	P	P	19 26 17.7	+0.3
SCM	baz=329,SNR=153			S	S	19 26 46.4	-2.9
UNV	Unalaska Valle	77.22	31	I	Amb	19 26 23.0	
UNV	comp=Z,605nm,1.0s			P	P	19 26 18.9	+1.4
HARP	HAARP	77.22	16	P	P	19 26 17.5	+0.1
HARP	baz=331,SNR=724			S	S	19 26 50.0	+0.7
RC01	Rabbit Creek A	77.23	19	P	P	19 26 17.3	-0.1
RC01	baz=327,SNR=121			S	S	19 26 46.2	-3.1
M24K	Tolsona, Glenn	77.24	17	P	P	19 26 18.7	+1.1
M24K	baz=330,SNR=393			S	S	19 26 49.8	+0.2
O20K	Slope Mountain	77.27	21	P	P	19 26 17.3	-0.5
O20K	baz=325,SNR=23			P	P	19 26 18.2	+0.4
KNK	Knik Glacier	77.28	18	P	P	19 26 18.2	+0.4
KNK	baz=328,SNR=286			S	S	19 26 50.4	+0.4
AKUT	Akutana	77.31	30	I	P	19 26 18.2	+0.2
AKUT	Akutana	77.31	30	P	I	Amb	
AKUT	comp=Z,1um,1.1s			P	P	19 26 20.7	
L27K	Beaver Creek	77.36	15	P	P	19 26 18.9	+0.7
L27K	baz=333			S	S	19 26 50.1	-0.7
BCAR	Beaver Creek A	77.36	15	P	P	19 26 18.9	+0.6
MORW	Morawa	77.64	141	P	P	19 26 19.4	-0.7
MORW	baz=78,SNR=96			P	P	19 26 19.3	-0.7
MORW	Morawa	77.64	141	I	Amb	19 26 23.2	
MORW	Morawa	77.64	141	P	P	19 26 20.0	-0.2
MORW	comp=Z,3um,1.6s			P	P	19 26 19.0	-1.1
M26K	Nabesna, AK	77.70	16	I	Amb	19 26 24.8	
M26K	comp=Z,1um,1.4s			P	P	19 26 20.9	+0.7
M26K	Nabesna, AK	77.70	16	P	S	19 26 54.6	0.0
M26K	baz=332			S	S	19 26 20.0	-0.2
FALS	False Pass	77.72	29	P	I	Amb	
FALS	comp=Z,1um,0.9s			P	P	19 26 25.7	
FALS	False Pass	77.72	29	P	P	19 26 20.7	+0.4
FALS	baz=318,SNR=23			S	S	19 26 56.8	+2.0
FALS	False Pass	77.72	29	P	P	19 26 22.2	+2.0
FALS	comp=Z,2um,0.9s			P	P	19 26 20.0	-0.1
O22K	Cooper Landing	77.74	19	P	P	19 26 20.2	-0.1
O22K	baz=327,SNR=15			S	S	19 26 53.6	-1.3
PWL	Port Wells	77.78	19	I	Amb	19 26 24.4	
PWL	comp=Z,1um,1.0s			P	P	19 26 20.8	+0.2
PWL	Port Wells	77.78	19	P	S	19 26 54.5	-1.0
PWL	baz=328,SNR=94			S	S	19 26 21.6	+0.3
WIN	Windhoek	77.79	230	P	P	19 26 21.6	+0.3
WIN	comp=Z,464nm,1.3s			P	Pmax		
WIN	Windhoek	77.79	230	P	P	19 26 21.6	+0.3
WIN	Windhoek	77.79	230	P	P	19 26 21.1	-0.2
WIN	Windhoek	77.79	230	P	P	19 27 11.3	-0.8
BOSA	Boshof	77.81	220	P	P	19 26 21.0	-0.2
BOSA	comp=Z,784nm,0.9s, baz=32,slow=4.9,SNR=302			P	P	19 27 13.5	+1.4
BOSA	comp=Z,390nm,0.9s, baz=39,slow=6.2,SNR=6.7			P	P	19 27 13.5	+1.4
BOSA	comp=Z,11nm,1.1s, baz=160,slow=20,SNR=5.6			P	P	19 26 51.1	-0.5
BOSA	False Pass	77.81	220	P	P	19 26 22.2	+2.0
BOSA	comp=Z,2um,0.9s			P	P	19 26 20.9	-0.2
BOSA	comp=Z,7,1nm,0.7s, baz=208,slow=2.0,SNR=11			P	P	19 26 20.0	-0.1
BOSA	comp=Z,13nm,1.2s, baz=80,slow=3.9,SNR=3.9			P	P	19 26 20.4	-0.8
BOSA	Boshof	77.81	220	P	P	19 26 20.9	-0.2
BOSA	Boshof	77.81	220	P	P	19 27 12.7	+0.6
BOSA	Boshof	77.81	220	I	Amb	19 26 24.8	
BOSA	Boshof	77.81	220	P	P	19 26 19.1	-2.0
BOSA	Boshof	77.81	220	P	P	19 27 10.3	-1.8
BOSA	Boshof	77.81	220	P	P	19 26 21.6	+0.6
KLU	Klutina	77.84	17	P	I	Amb	
KLU	comp=Z,2um,1.1s			P	P	19 26 25.4	
KLU	Klutina	77.84	17	P	P	19 26 21.5	+0.6
KLU	baz=330,SNR=285			S	S	19 26 53.4	-2.7
HOM	Homer	77.90	21	I	Amb	19 26 25.6	
HOM	comp=Z,1um,1.1s			P	P	19 26 20.5	-0.6
HOM	Homer	77.90	21	P	S	19 26 20.5	-0.6
HOM	baz=326			S	S	19 26 54.8	-1.8

Q19K	Cape Douglas,	77.92	22	I	Amb	19 26 23.9		
Q19K	comp=Z,1um,1.1s			P	P	19 26 20.4	-0.9	
Q19K	Cape Douglas,	77.92	22	P	P	19 26 20.4	-0.9	
M27K	Edge Creek, AK	77.98	15	P	P	19 26 22.7	+0.9	
M27K	baz=333			S	S	19 26 56.8	-1.0	
BRLL	Bradley Lake	78.03	20	I	Amb	19 26 25.0		
BRLL	comp=Z,2um,1.0s			P	P	19 26 22.9	+0.8	
N25K	Chitina, Valde	78.05	17	P	P	19 26 23.0	+0.8	
N25K	Chitina, Valde	78.05	17	P	P	19 26 23.0	+0.8	
N25K	baz=331,SNR=188			S	S	19 26 58.1	-0.2	
GLI	Glacier Island	78.08	18	I	Amb	19 26 26.1		
GLI	Glacier Island	78.08	18	P	P	19 26 22.1	-0.1	
GLI	comp=Z,2um,1.0s			S	S	19 26 56.7	-1.9	
GLI	baz=329,SNR=73			S	S	19 26 21.8	-0.4	
BRSE	Bradley Lake S	78.09	20	P	P	19 26 21.8	-0.4	
BRSE	comp=Z,2um,1.1s			P	P	19 26 25.5		
CNPD	China Point	78.13	21	I	Amb	19 26 26.2		
SEW	Seward	78.13	19	I	Amb	19 26 26.2		
SEW	comp=Z,2um,1.3s			P	P	19 26 22.1	-0.3	
SEW	baz=328,SNR=69			P	P	19 26 23.7	+1.1	
BVCY	Beaver Creek	78.14	15	P	P	19 26 23.7	+1.1	
BVCY	baz=334,SNR=352			S	S	19 26 00.2	+1.0	
DIV	Divide	78.19	17	I	Amb	19 26 27.1		
DIV	comp=Z,1um,1.0s			P	P	19 26 24.0	+0.4	
FID	Port Fidalgo	78.35	18	P	I	Amb	19 26 28.2	
GLB	Glacier Butte	78.37	16	I	Amb	19 26 27.8		
GLB	comp=Z,1um,1.3s			P	P	19 26 24.3	0.0	
SDPT	Sand Point	78.46	27	P	P	19 26 24.3	0.0	
SDPT	comp=Z,702nm,1.0s			P	P	19 26 28.0		
CHGN	Chignik	78.47	26	I	Amb	19 26 28.0		
CHGN	comp=Z,1um,1.4s			P	P	19 26 23.9	-0.4	
CHGN	Chignik	78.47	26	P	P	19 26 25.8	+0.6	
CHGN	baz=1,SNR=11			P	P	19 26 04.4	+0.1	
BMRM	Bremner River	78.61	17	P	P	19 26 25.6	+0.1	
BMRM	baz=331,SNR=330			S	S	19 26 29.9		
VRDI	Verde Repeater	78.64	16	P	I	Amb	19 26 26.4	+0.8
VRDI	comp=Z,2um,1.2s			S	S	19 26 05.9	+0.8	
EYAK	Cordova Ski Ar	78.70	18	P	P	19 26 26.4	+0.8	
EYAK	baz=330,SNR=128			S	S	19 26 06.4	-0.2	
EYAK	baz=330			S	S	19 26 32.6		
YUK3	Moose Creek	78.80	15	P	P	19 26 28.7	+0.5	
YUK3	baz=334,SNR=561			S	S	19 26 08.3	-1.9	
RAGM	Ragged Mountai	79.10	17	I	Amb	19 26 28.6	+0.4	
RAGM	comp=Z,2um,1.2s			P	P	19 26 28.7	+0.5	
CRQE	Croque	79.15	16	P	P	19 26 08.3	-1.9	
CRQE	baz=333			S	S	19 26 28.6	+0.4	
KDAK	Kodiak Island	79.18	22	P	P	19 26 28.6	+0.4	
KDAK	comp=Z,3um,1.0s			P	P	19 26 29.0	+6.8	
KDAK	Kodiak Island	79.18	22	I	P	19 26 28.6	+0.4	
KDAK	Kodiak Island	79.18	22	P	P	19 26 28.6	+0.4	
KDAK	baz=326			P	P	19 26 28.1	-0.1	
CHNA	Chernabura Isl	79.19	27	P	P	19 26 32.8		
CHNA	baz=321,SNR=49			I	Amb	19 26 27.3	-1.4	
TGL	Tana Glacier	79.20	16	I	Amb	19 26 27.4	-1.3	
TGL	comp=Z,1um,1.1s			P	P	19 26 32.9	+0.9	
BLDU	Ballidu	79.23	141	P	P	19 26 31.0	+1.0	
BLDU	baz=79,SNR=97			P	P	19 26 27.4	-1.3	
BLDU	Ballidu	79.23	141	P	I	Amb	19 26 32.6	
HMT	Hamilton	79.25	17	I	Amb	19 26 31.0	+1.0	
HMT	comp=Z,608nm,1.0s			P	P	19 26 30.9	+0.9	
BERG	Berg Lake	79.33	17	P	P	19 26 30.1	+0.9	
CTG	Chitina Glacier	79.34	15	P	P	19 26 13.5	+1.3	
CTG	baz=334,SNR=324			S	S	19 26 30.0	+0.5	
OHAK	Old Harbor	79.42	23	P	P	19 26 34.1		
OHAK	baz=325,SNR=74			I	Amb	19 26 30.7	+0.7	
ISLE	Juniper Island	79.45	16	I	Amb	19 26 31.0	+1.0	
ISLE	comp=Z,2um,1.3s			P	P	19 26 31.0	+1.0	
Q23K	Middleton Isla	79.53	18	P	P	19 26 30.6	+0.5	
Q23K	Middleton Isla	79.53	18	P	P	19 26 12.9	-1.0	
M31M	Drury Creek, Y	79.53	12	P	P	19 26 34.9		
M31M	baz=330,SNR=7.4			S	S	19 26 30.9	+0.6	
M31M	Drury Creek, Y	79.53	12	P	P	19 26 12.9	-1.0	
M31M	baz=339,SNR=601			S	S	19 26 34.9		
M31M	baz=339			S	S	19 26 30.9	+0.6	
LOGN	Logan Glacier							

25d 19h

Table with columns: Call Sign, Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like Bella Bella, Charters Tower, and various local stations.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like NLWA, J56A, RK1H, and various regional stations.

1220

Table with columns: Call Sign, Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like AAM, I40A, H04A, and various stations in the 1220 MHz band.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like CBKS Cedar Bluff, KSCO Kaye Shedlock, 2Q4A Divide, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like NVL NVL NVL, HP1G Puysegur Point, WZK Wanaka, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like SIV comp=2.40nm, 0.7s, ETMB Extrema, etc.

NEIC 25 19:18:25.6:2.7:6.31S:0.0:08:147:56E:0.0:9:h54km,9km, mb4.3/14 Error ellipse: s-maj=13.1km s-min=10.8km az=121.0

25d 20h

ISC 25 19:18:25.7,0.7,6.30S:0.08,147.52E:0.09,h50km,n31, c195/31,mb4.2/6, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station-specific data for stations like Port Moresby, Rabaul, Jayapura, etc.

JMA 25 19:21:15.3,32.45N,129.96E,h13km,1km,M0.8,Kyushu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station data for stations like Hondo, Nagasaki, etc.

KMA 25 19:37:33.2,0.3,37.80N,124.77E,h13km,3km, Error ellipse: s-maj=9.4km s-min=5.9km az=38.0, South Korea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station data for stations like Daechongdo, KSBAR, etc.

EAJ 25 19:37:45.2,2.4,21.30S:33.26E,h0km,35km,MD4.4, BUL 25 19:37:45.7,1.9,21.33S:33.24E,h0km,26km,MD4.8, Mozambique

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station data for stations like Messina, Matopo, etc.

IDC 25 19:53:01.6,1.8,0.74N,123.02E,h0km,mb3.5/3, mb1 3.8/4,mb1mx3.2/42,mbtm3.6/4,ML3.8/1, Error ellipse: s-maj=131.0km s-min=26.5km az=65.0, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station data for stations like Fitzroy Crossi, Warramunga Arr, etc.

IDC 25 20:11:15.7,1.5,32.42S:72.34W,h0km,mb4.2/4, mb1 4.1/9,mb1mx4.0/31,mbtm4.1/9,ML4.0/5, Error ellipse: s-maj=53.0km s-min=22.6km az=107.0, SJA 25 20:11:16.7,0.8,32.35S:72.24W,h20km,3km,ML4.1, MWV.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station data for stations like Fitzroy Crossi, Warramunga Arr, etc.

2015 DEC

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station data for stations like Catapilco, Torpederas, Curacav, etc.

1222

Table with columns: AVFE, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station data for stations like Chepes, Vinchina, Copiap, etc.

IDC 25 20:21:25.2,2.9,6.32S:147.09E,h0km,mb3.8/3, mb1 3.9/5,mb1mx3.7/35,mbtm3.8/5,ML3.8/1,MS3.7/1, Ms1 3.7/1,ms1mx3.0/30, Error ellipse: s-maj=56.8km s-min=33.0km az=78.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station data for stations like Port Moresby, Warramunga Arr, etc.

IDC 25 20:23:48.3,3.3,32.77S:179.23W,h0km,mb3.6/2, mb1 3.9/3,mb1mx3.7/34,mbtm3.7/3,ML3.8/1, Error ellipse: s-maj=70.9km s-min=36.9km az=105.0, WEL 25 20:23:53.0,0.7,33.5S:137.17W,3.2,h39km,ML4.8/6,ML4.4/5,ML4.4/4,ML4.4/4, Error ellipse: s-maj=6.0km s-min=0.0km az=11.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station data for stations like Greak Lake, Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HAZ Pakihiroa, PKGZ Puketiti, RUGZ Raukumara Rang, etc.

IDC 25 20:24:51.0±1.3, 18°68'N-145°93'E, h0km, mb3.7/7, mb1 3.9/7, mb1mx3.7/4.1, mbtmp3.7/7, Error ellipse: s-maj=42.5km s-min=71km, 18.6N, 0.2±145.8E, 0.13, h145km, n7, 0540/7, mb3.4/7, Mariana Islands

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

TRN 25 20:45:19.6, 18°05'N-63°34'W, h18km, MD3.3, NEIC 25 20:45:22.1±2.3, 18°03'N-01°06'63.39W, 0.04, h28km, 10km, ML2, 8/20, MD3.0/10(RSPR), Error ellipse: s-maj=9.2km s-min=4.1km, az=203.0

RSRP 25 20:45:24.7, 18°49'N-63°53'W, h86km, 5km, MD3.0/5, ISC 25 20:45:21.0±1.0, 18°10'N-0°05'63.38W, 0.03, h170km, n3, 0570/50, 8C, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SMRT St. Maarten, SABA Saba, SEUS St. Eustatius, SKI Saint Kitts, etc.

IDC 25 20:51:20.0±1.1, 59°51'S-25°87'W, h0km, mb4.1/4,

mb1 4.3/5, mb1mx3.8/2.4, mbtmp4.3/5, Error ellipse: s-maj=48.5km s-min=32.4km, az=69.0, NEIC 25 20:51:21.5±2.8, 59°55'S-0°1'25.6W, 0.2, h10km, 4km, mb4.7/20, Error ellipse: s-maj=18.8km s-min=12.1km, az=222.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BACT New Taipei Cit, BACT Taipei, TATO Taipei, etc.

25d 21h

Table with columns: CHGB, Renai, 0.73 184, Pg, 21 10 19.9, -0.2, etc. Lists various stations and their associated data.

2015 DEC

Table with columns: EAST, Anshuo, 2.43 189, eP, Pb, 21 10 47.1, -1.9, etc. Lists stations and data for the 2015 DEC period.

1224

Table with columns: MRKS, 7.2nm,0.5s, Lg, Lg, 21 24 59.9, etc. Lists stations and data for the 1224 period.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like FAKI, SPSI, BKB, KAPI, MTKI, KBKI, SBUM, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MAT, MJAR, MJAR, OOD, MORW, MORW, FORT, FORT, MULG, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KHZ, KHZ, BKZ, BKZ, BVAR, BVAR, BRVK, BRVK, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like FINES, YKA, TXAR, TORD, etc.

BGR 26:00:29:02.4.0.21.195x177.24W,h33km
NOU 26:00:30:02.3.20.29S:178.04W,h602km,MLV4.9/6,Fiji Islands Region
NEIC 26:00:30:04.8.2.7.20.5S:0.1x1.177.9W.0.1,h519km,6km,mb3.6/4.1,Arr error ellipse: s-maj=16.5km s-min=14.9km az=152.0

IDC 26:00:30:07.1.2.20.52S:178.20W,h544km,11km,mb3.7/15,mb1.3.9/18,mb1mx3.6/42,mbtmp4.6/18,Error ellipse: s-maj=14.8km s-min=10.6km az=153.0

ISC 26:00:30:05.4.0.4.20.39S:0.06:177.96W:0.06,h534km,n186,e147/197,mb4.5/33,33C-1D,Fiji Islands region

Main table for 2015 DEC 26, 00:30:05.4.0.4.20.39S:0.06:177.96W:0.06,h534km,n186,e147/197,mb4.5/33,33C-1D,Fiji Islands region. Columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC.

Main table for 2015 DEC 26, 00:30:05.4.0.4.20.39S:0.06:177.96W:0.06,h534km,n186,e147/197,mb4.5/33,33C-1D,Fiji Islands region. Columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KEST, DBIC, TORD, etc.

NIED 26:00:31:25.7.31.09N:128.62E,h12km,MW4.1,Moment Tensor Solution, s Moment Tensor: Scale 10^15Nm, I:2.41,Mx0.90,My0.067,Mz0.72,Mx0.80,My0.80,Mz0.42; Fault plane solution: M=1.4200x10^15 NP2:phi=25.00000, delta=289.00000, lambda=82.00000, lambda-37.00000, NP1:phi=25.00000, delta=303.00000, lambda=170.00000

JMA 26:00:31:25.6.0.4.31.09N:128.62E,h12km,4km,M4.0 IDC 26:00:31:27.4.1.6.31.08N:128.62E,h0km,mb3.5/2,mb1.3.6/4,mb1mx3.1/48,mbtmp3.6/4,ML3.1.2,M3.0/4,Ms1.3.0/4,ms1mx2.8/32,Arr error ellipse: s-maj=27.4km s-min=17.1km az=119.0

ISC 26:00:31:27.5.2.1.31.14N:0.06:128.83E:0.08,h6km,n15,e089/15,Northeast of Ryukyu Islands

Table for 26:00:31:27.5.2.1.31.14N:0.06:128.83E:0.08,h6km,n15,e089/15,Northeast of Ryukyu Islands. Columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC.

TUL 26:00:43:15.6:1.2.36:75N:0.01:97.57W:0.01,h4km,7km,ML2.5,mb,Lg2.6/7(NEIC),Error ellipse: s-maj=2.1km s-min=1.2km az=203.0

NEIC 26:00:43:15.7:0.7.36:74N:0.01:97.56W:0.01,h4km,7km,Error ellipse: s-maj=2.0km s-min=1.4km az=208.0, Oklahoma

Main table for 26:00:43:15.7:0.7.36:74N:0.01:97.56W:0.01,h4km,7km,Error ellipse: s-maj=2.0km s-min=1.4km az=208.0, Oklahoma. Columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC.

NEIC 26:01:06:22.9:1.6.6:44S:0.07:147.5E:0.1,h74km,7km,mb4.3/17,Error ellipse: s-maj=14.9km s-min=9.7km az=97.0

IDC 26:01:06:23.5:2.0.6:30S:147.42E,h75km,20km,mb4.0/14,mb1.4.2/17,mb1mx4.0/45,mbtmp4.4/17,M3.4/9,Ms1.3.4/9,ms1mx3.1/33,Arr error ellipse: s-maj=29.4km s-min=19.7km az=103.0

DJA 26:01:06:25.0:5.7.7.5:14.7E,h68km,10km,M4.5/9,mb5.3/4,mb4.5/9,MLV4.4.02,MW(4.07)

ISC 26:01:06:22.0:1.5.6:36S:0.05:147.48E:0.09,h63km,n79,e133/77,mb4.5/34,Eastern New Guinea region

Main table for 26:01:06:22.0:1.5.6:36S:0.05:147.48E:0.09,h63km,n79,e133/77,mb4.5/34,Eastern New Guinea region. Columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC.

1229

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like AZAP Zapla, PB10 IPOC Station P, and many others.

2015 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Y52A Libburn, VBMS Vicksburg, and many others.

26d 1h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like O53A New Philadelph, N59A State Game Lan, and many others.

GRNR	comp=N,120nm,13.0s	MLR	MLR		
GRNR	comp=N,120nm,13.0s	MLR	MLR		
MRSI	comp=Z,320nm,16.0s	29.62 228	P	P	02 23 02.0 -0.7
TOLIZ	comp=Z,38nm,1.3s	29.98 230	P	IAMB	02 23 05.4 -0.5
TOLIZ	comp=Z,25nm,1.2s	29.98 230	P	P	02 23 06.1 +0.2
SPMM	Sapulut	31.01 241	P	P	02 23 16.0 +0.1
PMG	Port Moresby	31.05 173	P	Pmax	02 23 14.6 -0.7
PMG	Port Moresby	31.05 173	P	IAMB	02 23 14.6 -0.7
PMG	Port Moresby	31.05 173	P	P	02 23 15.5 +0.2
PMG	Port Moresby	31.05 173	P	P	02 23 15.4 +0.2
ENH	Enshi	31.55 293	P	P	02 23 18.9 -0.7
XAN	Xi'an	32.71 300	P	P	02 23 29.3 -0.8
XAN			pP	pwP	02 24 29.3 -1.1
XAN			sP	sP	02 25 02.0 +3.3
XAN			PcP	PcP	02 26 09.3 +1.6
XAN			S	S	02 28 21.0 -3.1
XAN			ScP	ScP	02 29 24.0 +0.5
XAN			Pmax	Pmax	
XAN	comp=Z,17nm,1.0s		LR	LR	
XAN	comp=Z,300nm,12.4s		LR	LR	
HHC	Hu-ho-hao-te	33.00 313	eP	P	02 23 32.5 +0.4
HHC			sP	sP	02 25 07.3 +4.6
HHC			S	S	02 28 29.0 +0.4
HHC	comp=Z,13nm,1.2s		Pmax	Pmax	
PETK	comp=Z,74nm,6.6s	33.32 16	P	P	02 23 35.9 +1.4
PETK	Petrovavlovsk	33.32 16	P	P	02 23 35.0 +0.6
HIA	Hailar	33.36 332	P	Pmax	02 23 35.5 +0.5
HIA			Pmax	Pmax	
HIA	comp=Z,46nm,0.7s	33.36 332	P	P	02 23 35.5 +0.5
PET	Petrovavlovsk	33.49 17	eP	S	02 23 36.3 +0.4
PET			eS	S	02 28 32.3 -3.1
PET			Pmax	Pmax	
PET	comp=Z,95nm,1.3s		Pmax	Pmax	
PET	comp=Z,200nm,19.0s		MLR	MLR	
PET	Petrovavlovsk	33.49 17	P	P	02 23 35.6 -0.3
GYA	Guiyang	33.77 286	P	P	02 23 44.5 +5.6
GYA			Pmax	Pmax	
BTO	Baotou	33.97 312	eP	P	02 23 42.0 +1.6
ZEZ	Zeya	34.34 343	eP	P	02 23 44.0 +0.8
ZEZ			Pmax	Pmax	
ZEZ	comp=N,50nm,0.9s		Pmax	Pmax	
BKB	Balikpapan	34.42 232	P	P	02 23 44.3 -0.1
COEN	Coen	35.35 180	IAMB	IAMB	02 23 52.1 -0.1
COEN			IAMB	IAMB	02 23 53.5
COEN	comp=Z,42nm,1.2s	35.35 180	P	P	02 23 52.8 +0.6
SBUM	comp=Z,31nm,1.1s	35.77 242	P	P	02 23 57.0 +1.1
SBUM	Sibu	35.77 242	P	P	02 23 56.5 +0.7
SBUM			IAMB	IAMB	02 23 57.7
MTN	Manton Dam	36.28 200	P	P	02 23 58.7 -1.4
MTN	Manton Dam	36.28 200	P	P	02 23 58.4 -1.7
CD2	Chengdu	36.53 293	P	P	02 24 02.3 +0.1
CD2			S	S	02 29 19.0 -3.5
CD2			Pmax	Pmax	
SLVN	Son La	36.64 277	P	P	02 24 03.4 +0.2
LZH	Lanzhou	37.22 302	eP	P	02 24 08.5 +0.4
LZH			Pmax	Pmax	
MA2	Magadan	38.30 6	P	P	02 24 17.4 +1.0
MA2			Pmax	Pmax	
MA2	comp=Z,24nm,1.1s	38.30 6	P	P	02 24 17.4 +1.0
ULN	Magadan	39.13 321	P	P	02 24 24.2 +0.5
ULN	Ulanbaatar	39.13 321	P	P	02 24 24.2 +0.5
ULN			Pmax	Pmax	
ULN	comp=Z,22nm,0.7s	39.13 321	P	IAMB	02 24 24.6 +0.9
ULN			IAMB	IAMB	02 24 25.6
SONM	comp=Z,21nm,0.7s	39.50 320	P	P	02 24 27.5 +0.7
SONM	Songino Array	39.50 320	P	P	02 24 29.0 +1.0
SONM	comp=Z,21nm,0.6s,baz=132,slow=7.9,SNR=115	39.50 320	PcP	PcP	02 29 48.8 +0.3
SONM	comp=Z,9.1nm,1.1s,baz=138,slow=2.6,SNR=20	39.50 320	ScP	ScP	02 29 48.8 +0.3
SONM	Songino Array	39.50 320	P	P	02 24 27.4 +0.6
SONM			IAMB	IAMB	02 24 30.7
KNRA	comp=Z,21nm,0.7s	39.72 202	P	P	02 24 27.8 -0.9
KNRA	Kunurra	39.72 202	P	P	02 24 27.5 -1.2
KNRA	comp=Z,151nm,0.7s	39.72 202	P	P	02 24 28.4 -0.3
KNRA	Kunurra	39.72 202	P	P	02 24 28.4 -0.3
GTA	Gaotai	41.05 306	eP	P	02 24 39.8 +0.3
GTA			pP	pwP	02 25 40.5 -0.9
GTA			PcP	PcP	02 26 34.5 +1.3
GTA			ScP	ScP	02 29 55.5 +0.8
GTA			PcS	PcS	02 30 28.0 +3.2
GTA			Pmax	Pmax	
GTA	comp=Z,5.0nm,1.0s		Pmax	Pmax	
GTA	comp=Z,140nm,5.4s		Pmax	Pmax	
GTA	comp=Z,210nm,15.6s		LR	LR	
GTA	comp=Z,290nm,13.8s		LR	LR	
GTA	comp=Z,190nm,12.7s	41.48 350	iP	P	02 24 42.3 -0.1
YAK	Yakutsk	41.48 350	eAP	P	02 25 46.0 +0.1
YAK			eS	S	02 30 34.0 -1.0
YAK			Pmax	Pmax	
YAK	comp=Z,106nm,0.9s	41.48 350	P	P	02 24 42.5 +0.1
CTA	Charters Tower	41.54 176	P	P	02 24 43.8 +0.3
CTA	Charters Tower	41.54 176	P	P	02 24 43.1 -0.4
CTA	comp=Z,31nm,0.7s	41.54 176	P	Pmax	02 24 43.1 -0.4
CTA	Charters Tower	41.54 176	P	IAMB	02 24 44.5
CTA	comp=Z,31nm,0.7s	41.54 176	P	P	02 24 43.9 +0.5
CTA	Charters Tower	41.54 176	P	P	02 24 43.7 +0.3
CTA	comp=Z,52nm,1.1s	41.54 176	P	P	02 24 44.4 -0.1
CHTO	Chiang Mai	41.66 274	P	P	02 24 44.4 -0.1
CHTO	Chiang Mai	41.66 274	P	P	02 24 45.1 +0.6
CMAR	Chiang Mai Arr	41.73 274	P	P	02 24 45.6 +0.5
CMAR	Chiang Mai Arr	41.73 274	eP	P	02 24 46.5 +1.4
CMAR	comp=Z,3.0nm,0.6s	41.73 274	P	Pmax	02 24 46.5 +1.4
SEY	Seymchan	41.75 6	iP	P	02 24 45.1 +0.5
WB0	Warramunga Arr	42.05 193	P	P	02 24 46.6 -0.9
WB0			IAMB	IAMB	02 24 48.0
QIS	Mount Isa	42.07 185	P	P	02 24 48.3 +0.6
WRAB	Tennant Creek	42.22 193	P	P	02 24 48.4 -0.5
WRAB	Tennant Creek	42.22 193	P	P	02 24 48.5
WRAB	comp=Z,97nm,1.1s	42.22 193	P	IAMB	02 24 48.4 -0.5
WRAB	Tennant Creek	42.22 193	P	P	02 24 48.5 -0.5
WRAB	Tennant Creek	42.22 193	P	P	02 24 48.8 -0.1
WB2	Warramunga Arr	42.23 193	P	P	02 24 48.2 -0.7
WB2			IAMB	IAMB	02 24 49.6

WRA	comp=Z,70nm,0.9s	42.23 193	P	P	02 24 48.4 -0.6
WRA	Warramunga Arr	42.23 193	P	P	02 24 48.4 -0.6
WRA	comp=Z,35nm,0.8s,baz=16,slow=8.9,SNR=103	42.23 193	P	P	02 26 37.3 +0.2
WRA	comp=Z,7.6nm,0.8s,baz=6.6,slow=3.6,SNR=7.6	42.23 193	ScP	ScP	02 30 00.3 +0.8
WRA	comp=Z,3.0nm,1.0s,baz=6.6,slow=4.4,SNR=5.2	42.23 193	S	S	02 30 44.4 -2.6
ZAK	comp=Z,2.5nm,1.1s,baz=5.4,slow=13,SNR=4.6	42.51 322	eP	P	02 24 51.6 +0.6
ZAK	Zakamensk	42.51 322	eP	P	02 24 49.1
ZAK			Pmax	Pmax	
ZAK	comp=Z,45nm,0.9s	42.51 322	eP	P	02 24 55.8 +1.6
ZAK	Talya	42.51 322	eS	S	02 30 59.6 +3.1
ZAK			Pmax	Pmax	
ZAK	comp=Z,53nm,0.8s	42.51 322	P	P	02 24 54.8 +0.6
ZAK	Talya	42.51 322	P	P	02 24 59.0 +2.2
ZAK	Kota Tinggi	43.19 248	P	P	02 25 08.0 +1.5
ZAK	Jerman	43.39 252	P	P	02 25 06.0 +0.5
ZAK	MOY	44.38 323	eP	P	02 25 35.9 +0.7
ZAK	MOY	44.38 323	eP	P	02 25 08.0 +1.5
ZAK	MOY	44.38 323	eP	P	02 25 06.8 +0.3
ZAK	MOY	44.38 323	eP	P	02 25 08.4
ZAK	comp=Z,24nm,1.4s	44.39 255	P	P	02 25 07.0 +0.7
ZAK	Kulim	44.39 255	P	P	02 25 07.1 +0.7
ZAK	Kulim	44.39 255	P	P	02 25 08.0 +1.5
ZAK	IPM	44.41 254	P	P	02 25 06.8 +0.3
ZAK	IPM	44.41 254	P	P	02 25 08.4
ZAK	IPM	44.41 254	P	IAMB	02 25 08.4 +1.9
ZAK	IPM	44.41 254	P	P	02 25 08.1 +0.1
ZAK	IPM	44.41 254	P	P	02 25 12.4 -0.5
ZAK	IPM	44.41 254	P	P	02 25 12.6 -0.3
ZAK	AS31	45.93 192	P	P	02 25 17.4 -0.8
ZAK	ASAR	45.94 192	P	P	02 25 17.0 -1.2
ZAK	ASAR	45.94 192	P	P	02 26 50.0 +0.2
ZAK	ASAR	45.94 192	P	P	02 30 16.4 +1.9
ZAK	ASAR	45.94 192	P	P	02 31 37.4 -3.0
ZAK	ASAR	45.94 192	P	P	02 25 17.3 -1.0
ZAK	BKNI	46.35 248	P	P	02 25 22.1 +0.5
ZAK	SHL	47.09 285	P	P	02 25 27.1 -0.4
ZAK	SHL	47.09 285	P	P	02 25 27.1 -0.4
ZAK	SHL	47.09 285	P	P	02 25 30.0 -0.2
ZAK	SHL	47.09 285	P	P	02 25 30.0 -0.2
ZAK	SHL	47.09 285	P	P	02 25 32.4 -0.9
ZAK	SHL	47.09 285	P	P	02 25 32.5 -0.9
ZAK	SHL	47.09 285	P	P	02 25 34.4 -0.3
ZAK	SHL	47.09 285	P	P	02 25 34.5 -0.3
ZAK	SHL	47.09 285	P	P	02 25 39.0 +1.2
ZAK	SHL	47.09 285	P	P	02 26 36.9 -0.6
ZAK	SHL	47.09 285	P	P	02 27 37.9
ZAK	SHL	47.09 285	P	P	02 32 16.9 +0.6
ZAK	SHL	47.09 285	P	P	02 35 45.5 -4.7
ZAK	SHL	47.09 285	P	P	02 25 38.8 +1.0
ZAK	SHL	47.09 285	P	P	02 25 40.0
ZAK	SHL	47.09 285	P	P	02 25 37.3 -1.5
ZAK	WRKA	48.62 198	P	P	02 25 38.4 -0.4
ZAK	WRKA	48.62 198	P	P	02 25 38.0 -1.2
ZAK	WRKA	48.62 198	P	P	02 25 38.7 -2.0
ZAK	WRKA	48.62 198	P	P	02 25 40.5
ZAK	WRKA	48.62 198	P	P	02 25 41.0 -0.1
ZAK	WRKA	48.62 198	P	P	02 25 41.1 -0.0
ZAK	WRKA	48.62 198	P	P	02 25 41.6 +0.5
ZAK	WRKA	48.62 198	P	P	02 25 40.6 -0.6
ZAK	WRKA	48.62 198	P	P	02 25 42.1
ZAK	WRKA	48.62 198	P	P	02 25 42.1 +1.5
ZAK	WRKA	48.62 198	P	P	02 25 42.0 -0.5
ZAK	WRKA	48.62 198	P	P	02 25 46.5 +0.8
ZAK	WRKA	48.62 198	P	P	02 25 48.8 +0.2
ZAK	WRKA	48.62 198	P	P	02 25 53.9 -1.0
ZAK	WRKA	48.62 198	P	P	02 25 54.0 0.0
ZAK	WRKA	48.62 198	P	P	02 25 56.0 +1.3
ZAK</					

26d 2h

Table with columns: AAK TRF, Ala-Archa, 60.34 308 P, P, 02 27 03.4 +0.7, etc. Lists various locations and their associated data.

2015 DEC

Table with columns: P33M Teslin, Yukon, 68.46 32 P, P, 02 27 55.2 +0.7, etc. Lists various locations and their associated data.

1232

Table with columns: WALA Waterton Lakes, 81.91 40 Iamb, Iamb, 02 29 13.8, etc. Lists various locations and their associated data.

Table with 5 columns: Station Name, Time, Res, ISC, and other parameters. Includes stations like MC01 Montes Claros, PRPB Parauapebas, JANB Januaria.

MAN 26 03:31:35.2, 5.45N, 126.20E, h68km, mb4.7, ML3.6, MS3.5
NEIC 26 03:31:37.5, 1.5, 5.77N, 0.05, 126.1E, 0.1, h106km, 7km,
mb4.5/14, Error ellipse: s-maj=18.5km s-min=3.7km
az=68.0

IDC 26 03:31:38.1, 1.0, 5.78N, 126.18E, h117km, mb3.5/5,
mb1 3.8/7, mb1mx3.4/3, mbtmp3.0/7, MS2.8/1, Ms1 3.0/1,
ms1mx2.4/3, Error ellipse: s-maj=44.4km s-min=13.0km
az=69.0

DJA 26 03:31:39.9, 0.9, 6.1N, 126.6E, h85km, 23km, M4.6/9,
mb4.6/6, mb4.8/2, MLV4.6/9, Mw(MB)4.0/2

ISC 26 03:31:37.1, 0.8, 5.68N, 126.08E, 0.06, h105km, 7km,
n47, r1955/56, mb4.3/13, 8C, Mindanao

Main station list for the 26d 4h period. Columns include Code, Station Name, Time, Res, ISC, and various parameters. Lists stations like Don Marcelino, General Santos, Davao City, Sangihe, Musuan, etc.

IDC 26 03:47:41.7, 1.9, 0.75N, 97.12E, h0km, mb4.0/3, mb1 4.1/4,
mb1mx3.8/4, mbtmp3.0/4, Error ellipse: s-maj=53.0km
s-min=26.9km az=60.0, Northern Sumatra

Station list for the IDC 26 03:47:41.7 event. Columns include Code, Station Name, Time, Res, ISC, and parameters. Lists stations like Prapat, Chiang Mai, Diego Garcia, etc.

PGC 26 03:57:03.1, 3.5, 50.48N, 130.19W, h10km, MLnS3.4/37,
Mw4.3, 197km west of Pt. Hardy, Bc Vancouver Island,
Canada Region

NEIC 26 03:57:03.7, 50.48N, 130.19W, h11km, Moment Tensor
Solution, Moment tensor: Scale 10^19Nm, M=0.01,
Mw=3.27, Mw=3.04, Mw=0.15, Mw=0.83, Fault
plane solution: M3, 3.0000x10^19, N1=3.231, 0.0000,
5.81, 0.0000, 1.1, 0.0000, NP2=140, 0.0000, 5.79, 0.0000,
1.71, 0.0000, Principal axes: T, 3.3940, Plg1, 0.0000,
Az=96.0000, N, -0.1419, Plg7, 0.0000, Az=214.0000, P,
-3.2522, Plg1, 0.0000, Az=5.0000,
NEIC 26 03:57:04.5, 2.3, 50.65N, 130.10W, 0.1, h15km, 6km
Error ellipse: s-maj=15.2km s-min=6.6km az=217.0
IDC 26 03:57:05.0, 1.4, 50.56N, 129.79W, h0km, mb3.5/3,
mb1 3.9/8, mb1mx3.6/47, mbtmp3.5/8, ML3.6/5, MS3.3/9,
Ms1 3.3/9, ms1mx3.1/31, Error ellipse: s-maj=23.6km
s-min=11.4km az=75.0

ISC 26 03:57:02.1, 1.8, 50.53N, 105.130W, 0.05, h2km, 12km,
n150, r156/158, mb3.9/7, MS3.3/4, Vancouver Island
region

Main station list for the 2015 DEC period. Columns include Code, Station Name, Time, Res, ISC, and various parameters. Lists stations like Holberg, Brooks Peninsula, Port Alice, Port Hardy, etc.

Station list for the 1234 period. Columns include Code, Station Name, Time, Res, ISC, and parameters. Lists stations like Boulder Array, Pinedale Array, Pinedale Array, etc.

AEIC 26 04:04:37.1, 3.52, 78N, 0.07, 168.21W, 0.07, h50km, 5km,
OK, Error ellipse: s-maj=10.7km s-min=4.3km az=150.0
NEIC 26 04:04:38.1, 1.1, 5.27N, 106.168W, 0.05, h42km, 7km,
ML3.8(AEIC), Error ellipse: s-maj=9.6km s-min=3.8km
az=159.0

IDC 26 04:04:40.6, 5.8, 53.01N, 168.27W, h51km, 48km, mb3.6/12,
mb1 3.8/14, mb1mx3.4/53, mbtmp3.9/14, ML3.4/2, MS2.9/1,
Ms1 2.9/1, ms1mx2.4/44, Error ellipse: s-maj=45.0km
s-min=23.0km az=6.0

ISC 26 04:04:39.0, 1.6, 52.8N, 0.1, 168.23W, 0.07, h46km, 10km,
n44, r0972/43, mb3.8/12, Fox Islands

Main station list for the 1234 period. Columns include Code, Station Name, Time, Res, ISC, and parameters. Lists stations like Nikolski High, Okmok Steeple, Okmok Steeple, etc.

IDC 26 04:05:20.9, 0.7, 24.19N, 121.84E, h0km, mb3.9/16,
mb1 4.0/17, mb1mx3.8/50, mbtmp3.9/17, ML3.6/1, MS3.5/2,

M_s 1.3, 6.2, m₁mx2.9/5.1, Error ellipse: s-maj=22.5km s-min=15.8km az=70.0
JMA 26 04:05:23.2, 2.1, 24: 15N: 121.66E, h18km, MW4.3
ASIES 26 04:05:23.9, 24:21N: 121.69E, h18km, MW4.0
NIED 26 04:05:23.2, 24: 15N: 121.66E, h18km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 10¹⁵Nm; M₁:1.37; M₂:0.84; M₃:0.53; M₄:1.37; M₅:0.67; M₆:1.14; Fault plane solution: Mo:2.25000x10¹⁵ NP1:φ:51.00000°, δ:71.00000°, λ:89.00000° NP2:φ:232.00000°, δ:19.00000°, λ:92.00000°
BUI 26 04:05:23.2, 2.0, 24: 19N: 121.82E, h18km, mB4.4/4, mb4.0/9, ML3.9/4, Ms4.0/10, Ms7.3/9/10
TAP 26 04:05:24.1, 24:21N: 121.68E, h16km, ML4.4, C
NEIC 26 04:05:24.1, 24: 15N: 121.73E, 0.05, h20km, 5km, mb4.1/12, ML4.1(TAP), Error ellipse: s-maj=6.5km s-min=2.5km az=99.0
ISC 26 04:05:23.8-0.7, 24:19N:0.01:121.73E:0.01, h16km, 4km, m184, φ:84/29.0, mb3.9/22, MS3.6/3, 4C-22D, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res. Rows include stations like Fush Village, Heping Village, Ninganchiao, etc.

Table with columns: WCS, EHY, TIBP, NHDH, LIOB, NSTT, NJD, TWA, TAT, TATO, SSSL, SSSL, SMLT, TYC, TWB1, TAP, HSN1, NWF, NWF, WFSB, TWQ1, YULB, YULB, SBCB, ECBN, NSY, NCUH, NCUH, EYUL, HSN, HSN, NMLH, TW1, TWS1, TNOU, TCU, YMO1, YMO1, WJS, WJS, YUS, NTST, WDJ, WDJ, WNT, WNT, ANP, FULB, WCHH, ALS, ALS, TWY, TWY, CHNS, CHNS, CHKT, CHKT, JYNG, JYNG, WKG, WKG, ELDTW, ELDTW, WDLH, WDLH, WDLH, YOJ. Rows include stations like Zhudong, Zhuchu, Taiping, etc.

Table with columns: YOJ, YOJ, WRL, WRL, EDH, EDH, CHN2, CHN2, WTK, WTK, CHN4, CHN4, STYH, STYH, TPUB, TPUB, TPUB, STYT, WTCT, WTCT, CHY, CHY, WTP, WTP, LONT, LONT, TWK, TWK, PCYT, PCYT, WSF, WSF, WSF, SNST, SNST, CHN1, CHN1, TWG, TWG, SGST, SGST, LDUT, LDUT, ICHU, ICHU, CHN8, CHN8, CHN3, CHN3, SCLT, SCLT, SCLT, ECL, ECL, SSD, SSD, SSD, TSMG, TSMG, TSMG, TW1, TW1, TW1, IRIF, IRIF, SGLT, SGLT, MASBT, MASBT, MASBT, HATJ, HATJ, EAST, EAST, TAW, TAW, SSPT, SSPT, SCZT, SCZT, PNG, PNG, PNG, JKRS, JKRS, PHUB, PHUB, WDGJ, WDGJ, WDGJ, SLIU, SLIU, LYUB, LYUB, JIJ, JIJ, VCHM, VCHM, VCHM, JISG, JISG, TWK1, TWK1, TWKBT, TWKBT, PTMZ, PTMZ, PTMZ, MATB, MATB, JTJ, JTJ, LYJ, LYJ, QZH, QZH, QZH. Rows include stations like Yonaguni jima, Yonaguni jima, Yonaguni jima, etc.

IDC 26 04:48:36.8±2.1, 29°11'N-81°05'E, h0km, mb3.8/7, mb1 4.0/9, mb1mx3.5/63, mbtpm3.8/9, ML4.2/2, Error ellipse: s-maj=70.6km s-min=20.3km az=70.0 NEIC 26 04:48:40.0±1.2, 29°22'N-81°42'E, h10km, 1km, mb4.1/7, Error ellipse: s-maj=22.7km s-min=13.4km az=202.0 NDI 26 04:48:43.4±4.3, 29°25'N-81°52'E, h10km, ML3.7, mb4.1 (NEIC) ISC 26 04:48:42.9±0.6, 29°22'N-81°50'E, h27km, n36, r1555/40, mb3.8/9, Nepal

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Includes stations like PTH Pithoragarh, NDI New Delhi, SMLA Simla, KUDL Kundal, JBN Jabalpur, LSA Lhasa, SHL Shillong, KBL Kabul, HYB Hyderabad, TARG Taragay, KYRG Kyrgyz, POO Poona, DRK Karamyk, AAK Ala-Archa, KKAR Karatay Array, MKAR Makanchi Array, MKAR Makanchi Array, CMAR Chiang Mai Arr, KURBB Kurchatov Arr, KURK Kurchatov, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ABKAR Akbulak array, SOMNI Songino Array, WBW Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, ILAR Eielson Array, YKA Yellowknife Arr.

NNC 26 04:49:10.1±0.8, 43°47'N-78°83'E, h8km, 7km, mb2.7, mpv2.9, Error ellipse: s-maj=6.6km s-min=6.0km az=31.0 SOME 26 04:49:11.3±0.5, 43°50'N-78°80'E, h10km KRNET 26 04:49:24.0±1.0, 40°61'N-77°37'E, h35km, mb2.5 ISC 26 04:49:11.1±0.9, 43°49'N-02°78'33"E, h14km, 6km, n25, r1562/47, 6C-4D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Includes stations like KPKS Koppek, UZB Uzunbulak, ZHN Zhinshike, SATY Saty, SHLS Shalkode, BLB Baldybastay, ARXS Arhary, PRZ Przhewalsk, DJR Jarkent, CHHK Chushkaly, TNSN Tian-Shan.

Table with columns: KDJ, Kapsay, Kapalarasan, KAPS, TARG Taragay, Kyrgy, ULHL Ulahol, KRBS Karabastau, KRBS Karabastau, BOOM Boomsokoy usch, BOOM. Includes station codes and coordinates.

ISK 26 04:51:45.6±35.5, 50N-31°22'E, h5km, ML4.1/41 NEIC 26 04:51:46.6±2.5, 35°41'N-0°04'-31°20'E, 0.4, h10km, 1km, mb4.2/12, ML4.3(NIC), ML4.1(ISO), Error ellipse: s-maj=7.7km s-min=3.2km az=140.0 NIC 26 04:51:46.5±0.0, 35°52'N-31°16'E, h11km, 1km, ML4.3/6 DDA 26 04:51:48.4±35.3, 39N-31°17'E, h31km, 1km, MW4.1, IDC 26 04:51:48.6±2.6, 35°53'N-31°12'E, h36km, 26km, mb3.8/13, mb1 3.9/21, mb1mx3.7/52, mbtpm4.0/21, ML4.1/7, MBS3.1/4, ALFC s-maj=13.3/4, ms1mx2.7/39, Error ellipse: s-maj=16.7km s-min=12.5km az=153.0 THE 26 04:51:47.9±1.1, 35°48'N-30°80'E, h7km, 18km, ML3.1/1.1, Error ellipse: s-maj=25.0km s-min=1.3km az=119.0 ISC 26 04:51:47.9±1.1, 35°48'N-0°03'-31°14'E, 0.02, h30km, 9km, n217, r1527/252, mb3.9/13, 1C, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Includes stations like AKUM Antalya-Kumluç, AKMS Akamas, AKMS 27nm,0.9s, AKMS 27nm,0.9s, AKMS 28nm,0.4s, GAZI Gazipasa, GAZI Gazipasa, KEML Kemer-ANTALYA, ALFC, DEMR Demre-Antalya, NATA, KSL Kastellorizon, KSL Kastellorizon, KSL 1.6nm,0.6s, KSL 1.6nm,0.6s, KSL 1.0nm,0.6s, AKAS Kas, AKAS Kas, KEZP Antalya-Kepez, ANTB Antalya, ANTB Antalya, LEF Lefka, AKDN Akdeniz- Kibr, ELL Elmalı, ELL Elmalı, ELL Elmalı, BOZY Bozyazi-Mersin, KORT Korkuelli, TEKE Tekeli-Mersin, HDMB Hadim, ASGA Asgata, ASGA, ASGA, CSS Mathiatis, CSS Mathiatis, CSS Mathiatis, ATHAL Athalassa, BERE Berekel-Mersin, BUCA Burdur, Bucak, YORU Yoruksupe-Mers, LFK Lefkose, OSC1 CSNet OBS 1, OSC1 Seydisehir-KON, OREN Orankoy-Mersin, BOK Bucak, FETY Fethiye, FETY Fethiye, FETY Fethiye, SEDI Konya, Seydis, AKK1 Akkuyu-Mersin, AKK2 Akkuyu-Mersin, AKKU Akkuyu-Mersin, GULN MERSIN, Gunar, CAME Cameli-Denizli, TEPK Tepeky-MERSIN, MVOU Mavrovouni, MVOU, MVOU, MVOU, MVOU, MVOU, TEVE Tevealti-Mers, GULN Gullian, TISA Tisan-Mersin, IKL Isikli, CAEL Denizli, Camel.

Table with columns: KARG Kargicak-Mersi, KKBE Karaman, Kazim, KEBE Keben-Mersin, BRDR BURDUR-Merkez, BRDR, ISP Isparta, ISP Isparta, SILI Silifke-Mersin, SLFK Silifke-Mersin, EREN Erenkoy, EREN Erenkoy, EREN Erenkoy, KMER Konya-Meram, KMER, BAGO Egrdir - ISPA, ARG Arghandir, ARG, ARG Arhangelos, OSC2 CSNet OBS 4, BASM Basmakli-Afyon, KIZK Kizilirmirsin, KIZK Mersin, KONT Konya-Tatoy, KONT, DOGA Konya-Tatoy, DOGA KONYA_Doganhis, DOGA, TAVA DENIZLI_Tavas, TURUN Turunc, TURUN Turunc, YVAC Yavuz, YER Yerkesik, YER, YER Yerkesik, MULA Mula, Merkez, KZIL AFYON_Kiziroren, LADK Ladik-KONYA, MERS Mersin, KERK Konya-Eregli, KERK, SUHU Suhut-Afyon, KDHN Kadinhani, DAT Data, DAT Data, PASA Karahalli, USA, DEB Denizli, AFYON_Kizilirmirsin-AKS, AFYO Afyonkarahisar, AFYO, BDRM Kayabasi, CHBY Cihanbeyli, AYDN Aydin, BODT Bodrum, BODT, KRTS Karatas, KARA Karaisalı, USAK Uak-Merkez, DDM Duden, Gul, GULA Gulagac, CMRD Camardi-Nigde, AKSY AKSARAY - Altı, AUKIR KIRKA - Seyitga, GDZ Gediz, GCAM G?zelcamli?, KULU Kulu, NIDE Nigde/Merkez-G, ASUZ Hatay-Arsuz, CIFT Ciftkaya Eski, YURE YUREGIR, YURE, KKUL Konya-Kulu, SERE Sereflikochisa, AUSV Sivrihisar, ADAN Adana, CEYT Ceyhan, BHL Bhannes, ZKR Zakros, SGAZ Eskisehir, Sey, YAYL Yayladag, HWQ Hwq, ANZD Kutahya, Merke, TAHT Tahatopru-Hat, KIRS Kireh-Merke, KHIS, KOZAN Kozan, DGB zmir, YAHY KAYSERI_Yahyal, MMAI Mount Meron Arr, MMAL, MMAL, RBY Rchaya, RBY Rchaya, KAMT Kaman, BORA Eskisehir, BORA Eskisehir, AVNS Nevsehir-Avano, BRV21 Keskin NP Arra, ANKA Ankara, ZEYI Izmir, Urla-Ze, DURS Dursunbey, URLA Izmir, BR13 Keskin Array S, BRTR Keskin Array S, BRTR, ANDN Andrin, SAIM Adana, ZEDA zmir-Bergama, KAMA Osmaniye, KAMA, BILE Bilecik/Merkez, CDAG Cicekdag, BALB Balikesir, ULDT Uludag, KIBS BOLU, KUZU Kuzuini, KUZU Mudurnu, IGD Bursa, IGD, DELI SIKAKALE, DELI, DELI KARARYA_Geyve, BNN Bunyan, IDI Anoyia, IDI, CMDR Camlidere-ANKA, KAHM Kahramanmaraş, KAHM, BUHA Balikesir, Bur, GAZ Gaziantep, GHJ Ghor Haditha, ASF Jabal al Asfar, TOKA Tat, EIL Elat, EIL, ALN Alexandroupoli, MARD Mardin, GURO Guromyak-BITLI, SIRT Sirtak, MNR Munteje Rosu, GARN Garni, ONI Oni.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR, KURBB, BVAR, ZALV, AKASG, TORD, YKA, ASAR.

NAO 26 07:04:52.9; 7.2, 76.86N; 7.39E, h19km, m13.5, ML3.5
IDC 26 07:04:53.1; 7.0, 76.90N; 7.82E, h0km, mb3.8/8,
mb1.9, 9/10, mb1mx3.6/48, mbtmp3.8/10, ML3.72, MS3.6/20,
Ms1.3, 6/20, ms1mx3.3/51, Error ellipse: s-maj=18.1km
s-min=15.3km az=140.0

BER 26 07:04:54.7; 2.8, 76.89N; 7.74E, h26km, 29km, ML2.8,
ML2.4(DNK), Confirmed Earthquake
IEPN 26 07:04:56.0; 77.07N; 7.41E, h35km, 86km, ML2.4
DNK 26 07:04:56.8; 4.2, 77.02N; 7.41E, h35km, 86km, ML2.4
ISC 26 07:04:50.5; 2.8, 77.02N; 0.05; 7.55E; 0.04, h3km, 19km,
n63, c274/70, mb3.8/8, MS3.5/16, 2C, Svalbard region

Main table for 1241 containing station data for various stations like BRBB, KBS, SPAO, HOPEN, DAG, NOR, DBG, ZF12, ARAO, NEEM, SUMG, BORG, FINES, LSH, PRGR, RES, NRIK, KIRV, FRB, ARU, BELG, AKTO, BVAR, SCHG, ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB, ILAR, BRTR, GNI, MKAR, SADO, PDAR, TKL, KRSR, TXAR.

NOU 26 07:04:58.3; 15.45S; -167.41E, h120km, MLv4.77,
Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DVP, YATM, ZMNC.

ISU 26 07:18:33.39; 20N; 70.80E, h5km
NNC 26 07:18:35.8; 8.2, 39.26N; 71.48E, h0km, mb3.4, mpv3.0,
Error ellipse: s-maj=73.2km s-min=35.5km az=168.0

ISC 26 07:18:33.2; 3.9, 39.0N; 0.2; 71.1E; 0.2, h10km, n6, c253/7,
5C-1D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTK, BRG, CHMG, KK02, AAK, TKM2, TKM2.

RSNC 26 07:20:22.0; 1.8, 4.36N; -73.74W, h4km, 8km, ML3.1, Mw3.7,
1C-2D, Colombia

Main table for 2015 DEC containing station data for various stations like VILC, CHIC, ORTC, PTGC, NORC, RUSC, GUYV, MACC, PTBC, BARC, MACC, YOTC, MARP, CBOC, GARC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAMC, PAMC, ZARC, PCON, FLOF, POPC, DBBC, SOTA, BBAC, SMLC.

ISK 26 07:37:06.6; 41.82N; 43.12E, h7km, ML3.0/7
NORS 26 07:37:07.0; 41.89N; 43.12E, h5km, MPVA3.6
TIF 26 07:37:07.4; 41.77N; 43.14E, h18km
DDA 26 07:37:12.0; 41.51N; 42.88E, h2km, 18km, ML2.4
ISC 26 07:37:08.0; 1.0, 41.78N; 0.02; 43.13E; 0.02, h9km, 9km,
n38, c1928/71, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABS, EPOS, AKH, AKK, BRNG, TKB, LAGD, BGD, TRLG, ONI, DMNI, BATM, KATM, ZEI, DIGR, BOTANIK, HOPA, SENK, LACR, MTEO, PANSHEI, KORR, NEY, LESKEN, ARNR, STDR, EATA, KOTA, SHA1, KOPR, KRIK, ERZM, ERZM, LGD, EJDE, EJDE.

Main table for 26d 7h containing station data for various stations like ZAAO, ZAAO, ZALV, ZALV, ZALV.

1243

Table with columns for station name, frequency, and various signal parameters. Includes stations like KNGR, Talya, Listvyanka, Zakamensk, Bolshoye Golou, Tyrgan, Suvo, and Kumora.

2015 DEC

Table with columns for station name, frequency, and various signal parameters. Includes stations like UKT, KURK, ZEA, ARU, MNK, WRA, ASAR, and various international stations like KSRs, WAKE ISLAND, and FUNIN.

26d 10h

Table with columns for station name, frequency, and various signal parameters. Includes stations like JOW, WBO, WRA, AS31, ASAR, STKA, SHL, USR, SONM, PETK, MK31, MKAR, MKAR, ZALV, ZALV, KURK, LWLI, KASI, MDSI, LHSI, KLSI, KLI, MAS, BLSI, CGJI, PPSI, LEM, DSRI, XMS, UGM, GSI, JAGI, PSA00, CMAR, CMAR, CMAR, PALK, H08S2, H08S3, H08S1, WBO, WRA, WRO, WRO, AS31, ASAR, STKA, STKA, KSRs, SONM, SONM, BOOM, MK31, MKAR, USA0B, USR, USR, USR, KURK, ZAAO, ZAAO, ZALV, ZALV, BRVK, BRVK, ABKAR, ABKAR, FINES, TXAR, TXAR, GUC, GUC, CO06, CO06, CO03, CO03, G004.

26d 11h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FETHY, MULA, AKAS, etc.

NOU 26 11:24:26.8, 14.84S:173.77W, h0km, MLv3.8/4, Samoa Islands Region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AFI, RAR, RAO, etc.

IDC 26 11:31:44.5-2.4, 39.22N:73.70E, h0km, mb3.7/3, mb1 3.6/9, mb1mx3.4/49, mbtmp3.5/9, ML2.8/6, Error ellipse: s-maj=44.4km s-min=20.9km az=123.0

KRNET 26 11:31:48.4, 0.1, 39.57N:73.29E, h14km, mb3.6, NNC 26 11:31:51.3, 2.2, 39.52N:73.61E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=17.1km s-min=9.4km az=170.0

SOME 26 11:31:52.5, 39.82N:73.30E, h10km, ISC 26 11:31:49.4-0.9, 39.59N:0.05:73.32E:0.03, h10km, n78, c272/117, mb3.7/3, 32C-19D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SFK, OHH, DRK, etc.

2015 DEC

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FRU1, ULHL, ULHL, etc.

1250

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details for Northern Colombia. Includes stations like BARC Barichara, PAMC Pamplona, BARRC Barranca, RUSC La Rusia, TAMC Tame, PUERTO BERRIO, OCAC Ocana, SPBC San Pablo de B, ZARC Zaragoza, NORC Norcasia, SMLC San Martin de, CHIC Chingaza, ROSC El Rosal, HELC Santa Helena, UREC San Jos de Ur, SOCV Socops, LLIC La Loma 1 Cana, GUY2C Guyana, VILC Villavicencio, PTGC Puerto Gaitan, LLCG La Loma 6 Bece, CBCC Ciudad Bolivar, DBBC Dabeiba, SDVV Santo Domingo, ARGC Ariguani, ANIL Santa Ana, PRAC Prado, ORTC Ortega, SJCC San Jacinto, PLMC San Jos del P, LCBC Los crdoabas, CRUC Cerrejon, GUVV San Jose del G, YOTC Yotoco, SMRC Santa Marta, PTAC Punta Arditia, MACC Macarena, BETC Betania, MARP Paez Belalcasaz, PCRV Pinco, POPC Popayan, FLOC Florencia, SOTA Rioblanco, and PTGA Pitinga.

Table with columns: TXAR, PDAR, YKA, TOR, MKAR, ASAR, WRA, H10N1, H10N2, H10N3, H10S2, H10S3, DBIC, TOR, BOS, CPUP, KMBO, LPAZ, GERES, SNA, AKASG, BATI, SJI, SIJI, FITZ, WRA, ASAR, ASAR, STKA, CMAR, SOMR, MKAR, ZALV, LPAZ, AFI, AFI, AFI, MSVF, RAR, HNR, PAE, PPT, PPT2, TBI, TAOE, PMG, H1N1, H1N2, WRA, WRA, ASAR, ASAR, KRSR, LEM, USRK, PDAR. Includes station details for Lajas Array, Pinedale Array, Yellowknife Ar, Torodi Ar, Makanchi Array, Alice Springs, Warrungarra Arr, ASCENSION HYDR, Dimokro, Torodi Ar, Bosa, Villa Florida, Kilima Mbojo, La Paz, Geres, Snae, Main Array, Baumata, Sji, Siji, Fitzroy Crossi, Warrungarra Arr, Alice Springs, Stephens Creek, Chiang Mai Arr, Songoing Array, Makanchi Array, Nuvovo Beam, La Paz, Afiamalu, Afiamalu, Afiamalu, Nonsavu, Rarotonga, Honiara, Papeete, Papeete2, Tubuai, Nuku Hiva Isla, Port Moresby, Wake Island, Wake Island, Warrungarra Arr, Alice Springs, Korea Array, Lemburg, Ussuriysk Arr, and Pinedale Array.

Table with columns: H03S2, H03S1, H03S3, H03N2, H03N3, H03N1, CMAR, BRTR, MXZ, MXZ, WNGZ, WNGZ, HAZ, HAZ, PKGZ, PKGZ, RUGZ, RUGZ, PUZ, PUZ, KUZ, TWGZ, TWGZ, OPRZ, MWZ, TKGZ, CNGZ, URWZ, RIGZ, RIGZ, MUGZ, TOZ, RTZ, SNGZ, SNGZ, ALRZ, KNZ, RAHZ, RAHZ, MTHZ, MHGZ, NMHZ, ARHZ, ARHZ, BKZ, BKZ, MCHZ, MCHZ, NTVZ, KWHZ, KWHZ, TMVZ, OTVZ, OTVZ, BHHZ, BHHZ, KRHZ, KRHZ, WNVZ, WNVZ, PNZ, PNZ, PHZ, PHZ, PRHZ, PRHZ, TSZ, TSZ, TIWZ, TIWZ, OWGZ, OWGZ, OWGZ, TMWZ, TMWZ. Includes station details for Juan Fernandez, Waiomatatini S, Te Kaha, Pakihiroa, Raukumara Rang, Puketiti, Kuaotunu, Tawhārepareae, Ohinepene, Matawai, Te Karaka, Carnagh Statio, Urewera, Rimuhau, Murupara, Tahuroa Road, Kautahuna, Shannon Statio, Allen Road, Kokohu, Aarahi, Maungataniwha, Mahia Peninsula, Naumai, Aropoanui, Black Stump Fm, McNeill Hill, North Tongarir, Kaweka Forest, Te Maari, Otutere, South Ngauruhoe, Black Hill Sta, Kereru, Wahianoa, Pawanui, Pukenui, Porangahau, Takapari Road, Tintock, Otaki Gorge, Te Maipa, and various other stations.

26d 14h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KHEZ Kahui Hut, WAZ Wanganui, PRH Porangahau, etc.

JMA 26 14:04:29.9-0.1, 35.51N x 139.88E, h20km, 2km, M2.9
JMA Feit 1 J1
JMA 26 14:04:30.9-4.7, 35.38N x 139.82E, h46km, 30km, mb3.3/2,
mb1.3/5.3, mb1mx2.8/49, mbtmp3.6/3, ML2.9/1, Error
ellipse: s-maj=104.2km s-min=13.8km az=73.0
ISC 26 14:04:29.4-1.2, 35.45N x 139.92E, 0.06, h35km, n13,
c0591/16, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TOK Tokyo, JYO Yokosuki, JSMT Sammumatsuo, etc.

BUI 26 14:19:06.3-0.0, 41.91N x 83.90E, h7km, mB4.3/2,
mb4.1/10, ML4.1/12, Ms3.7/8, Ms7.3/6/6
JMA 26 14:19:06.1-0.7, 42.05N x 83.98E, h0km, mb4.1/17,
mb1.4/124, mb1mx3.9/75, mbtmp4.0/24, ML3.6/7, MS2.8/2,
Ms1.2/8/2, ms1mx2.5/43, Error ellipse: s-maj=16.1km
s-min=11.1km az=47.0
SOME 26 14:19:07.4, 42.03N x 83.90E, h0km, MS3.8
MOS 26 14:19:08.9-1.4, 42.11N x 83.90E, h24km, mb4.5/9, Error
ellipse: s-maj=8.7km s-min=5.1km az=124.0
NNC 26 14:19:10.1-2.2, 42.08N x 83.87E, h12km, 10km, mb4.6,
mpv4.4, Error ellipse: s-maj=15.7km s-min=9.6km
az=143.0
ISC 26 14:19:09.2-0.4, 42.07N x 0.04-83.82E, 0.03, h10km, n126,
c2524/142, mb4.2/21, 23C-12D, Northern Xinjiang

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

2015 DEC

Main table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ZHN 38nm,0.5s, ZHN Zhinshike, ZHN Zhenyuan, etc.

1254

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CEP DANN, GKN Gorkha, BVAR Borovoye, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HSPB Hornsund, FAUS Fauske, KONS Konsvik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, ARSA Arzberg, BELG Belgormoye, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OUZ Omahuta, KOUNC Koumac, KUZ Kuaotunu, etc.

NEIC 26 14:20:53.9, 0.7, 35.14N, 0.03, 139.96E, 0.07, h33km, 7km, mb1.4/6, Error ellipse: s-maj=7.9km s-min=4.5km az=86.0

ICD 26 14:43:40.6, 0.6, 16.47S, 66.74E, h0km, mb4.2/12, mb1.4/3/12, mb1mx3.9/38, mbtmp4.2/12, MS3.8/18, Ms1.3/8/18, ms1mx3.6/37, Error ellipse: s-maj=19.7km s-min=18.3km az=165.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCN Nagara, TOK Tok, JYTO Yokoso, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, D0AR Diego Garcia, M0SE Mahe Island, etc.

26d 15h

Table with columns: Station Name, Az, Az', Op, Phase, ID, Time, Res, and various station identifiers like ZALV, ZALV, MLR, etc.

15C 26 15:02:05.1, 0.7, 59.64S, 26.04W, h0km, mb4.2/8, mb1 4.3/9, mb1mx4.1/28, mbtmp4.2/9, ML4.7/1, MS3.6/11, Ms1 3.5/11, ms1mx3.5/22, Error ellipse: s-maj=31.0km s-min=18.1km az=67.0

NEIC 26 15:02:11.7, 0.9, 59.8S, 0.1, 26.4W, 0.2, h53km, 8km, mb4.6/19, Error ellipse: s-maj=23.1km s-min=14.2km az=218.0

ISC 26 15:02:09.0, 0.7, 59.8S, 0.1, 26.3W, 0.1, h35km, n49, r103/36, mb4.1/15, MS3.6/10, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, and various station identifiers like VNA1, VNA3, VNA2, etc.

2015 DEC

Table with columns: Station Name, Az, Az', Op, Phase, ID, Time, Res, and various station identifiers like YKA, ZALV, SONM, etc.

WEL 26 15:05:06.9, 0.6, 34.5S, 12.179W, 2.6, h33km, M4.0/14, mb4.7/6, ML4.3/19, MLV4.1/14, Mw(mb)3.9/6, Error ellipse: s-maj=0.0km s-min=0.0km az=113.5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, and various station identifiers like GLKZ, RIZ, MKZ, etc.

ISC 26 15:09:46.3, 6.5, 19.29S, 177.88W, h570km, 56km, mb3.0/3, mb1 3.4/4, mb1mx3.0/27, mbtmp4.0/4, Error ellipse: s-maj=250.9km s-min=28.1km az=157.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, and various station identifiers like MSVF, WRA, ASAR, etc.

ATH 26 15:17:58.5, 35.55N, 27.34E, h93km, 5km, ML3.3/7, Error ellipse: s-maj=5.7km s-min=1.6km az=145.0

NIC 26 15:18:00.3, 0.0, 35.33N, 27.53E, h5km, 4km, ML3.8/2, ISK 26 15:18:01.6, 35.49N, 27.36E, h17km, ML3.3/7

DDA 26 15:18:02.1, 35.61N, 27.04E, h10km, 3km, ML3.3/7, THE 26 15:18:02.6, 35.44N, 27.39E, h8km, 3km, ML2.8/2, Error ellipse: s-maj=4.6km s-min=0.9km az=151.0

ISC 26 15:18:01.4, 1.4, 35.47N, 0.003, 27.40E, 0.02, h13km, 11km, n72, r105/99, Dodecanese Islands

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

1256

Table with columns: Station Name, Az, Az', Op, Phase, ID, Time, Res, and various station identifiers like AKAS, AKAS, DDIM, etc.

NEIC 26 15:46:38.0, 2.1, 18.99N, 0.09, 145.60E, 0.2, h207km, 12km, mb4.3/21, Error ellipse: s-maj=29.6km s-min=11.8km az=75.0

ISC 26 15:46:41.4, 2.2, 18.97N, 145.60E, h235km, 25km, mb3.5/12, mb1 3.7/14, mb1mx3.3/49, mbtmp4.1/14, Error ellipse: s-maj=20.5km s-min=11.3km az=95.0

ISC 26 15:46:38.0, 0.6, 19.01N, 0.06, 145.56E, 0.1, h214km, n47, r110/50, mb4.2/24, Mariana Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PSA00, FORT, MORV, MKAR, etc.

IDC 26 15:53:34.6-0.8, 19.68N:70.57W, h0km, mb3.9/8, mb1.4/2.9, mb1mx3.8/4.0, mbtmp4.0/9, ML4.8/1, Error ellipse: s-maj=31.9km s-min=15.7km az=56.0

NEIC 26 15:53:37.5-2.9, 19.67N:0.03:70.68W:0.02, h23km, 7km, mb4.1/1.1, Error ellipse: s-maj=5.4km s-min=1.1km az=205.0

OSPL 26 15:53:39.1-1.4, 19.60N:70.72W, h14km, ML3.9, ISC 26 15:53:47.4-0.4, 19.64N:0.04:70.63W:0.04, h25km, n57, +1564/61, mb3.8/9, Dominican Republic region

Main table for station 1257 with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SC01, LOPP1, LONA1, SDDR, etc.

IDC 26 16:01:00.7-19.0, 12.67S:169.19E, h487km, 267km, mb3.2/7, mb1.3/5.7, mb1mx3.2/3.7, mbtmp4.0/7, Error ellipse: s-maj=179.4km s-min=48.3km az=168.0

ISC 26 16:01:01.5-2.7, 12.8S:0.6:169.2E:0.4, h500km, n7, +0530/6, mb3.5/6, Santa Cruz Islands region

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

IDC 26 16:03:13.9-1.0, 13.70S:169.74E, h0km, mb4.3/9, mb1.4/5.1, mb1mx4.2/3.6, mbtmp4.4/1.1, ML5.1/2, MS4.0/2.2, Ms1.4/0.22, ms1mx3.9/2.7, Error ellipse: s-maj=30.5km s-min=21.3km az=131.0

NEIC 26 16:03:14.2-1.6, 13.71S:0.08:169.82E:0.07, h10km, 1km,

mb4.7/10, Error ellipse: s-maj=13.4km s-min=12.4km az=6.0, GCMT 26 16:03:19.1-0.2, 13.83S:0.01:169.75E:0.01, h20km, 1km, MW5.0/93, Moment Tensor Solution. s33,c43: s93,c137; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-0.48; 12; Mw0.27; 11; Mw0.20; 10; Mw0.26; 19; Mw0.34; 7; 09; Msr-0.12; 19; Best double couple: M0.3, 48500*10^16; NP1: 0.00000, 0.85, 0.00000, -1.5, -177, 0.00000; NP2: 0.270, 0.00000, 0.87, 0.00000, -1.5, 0.00000; Principal axes: T 3.7110, P1g1.00000, Azm315.00000, N-0.4540, P1g4.00000, Azm59.00000, P-3.2580, P1g6.00000, Azm225.00000; n581 r refers to bow waves, cutoff=40s. n582 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 26 16:03:18.3-0.7, 13.83S:0.10:169.66E:0.09, h35km, n50, +0125/32, mb4.5/15, MS4.0/2.1, Vanuatu Islands region

Main table for station 2015 Dec with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SANVU, LIFNC, DZM, etc.

IDC 26 16:03:26.8-2.5, 24.54N:109.15W, h0km, mb3.9/2, mb1.4/3.8, mb1mx3.6/4.0, mbtmp4.0/8, ML3.6/6, MS3.7/17, Ms1.3/7.17, ms1mx3.6/3.6, Error ellipse: s-maj=40.6km s-min=10.3km az=141.0

ANF 26 16:03:29.3-0.8, 24.55N:109.31W, h10km, Error ellipse: s-maj=11.0km s-min=4.3km az=10.0

MEX 26 16:03:31.9-0.7, 24.85N:109.36W, h16km, 199km, MD4.8, ISC 26 16:03:30.2-0.6, 24.71N:0.05:109.28W:0.05, h10km, n122, +01566/118, MS3.7/10, Gulf of California

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

Main table for station 26d 16h with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CSIG, MAIG, GUYB, etc.

26d 17h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like K04D Chiloin, BOZ Bozeman, J05D Fort Rock, etc.

SCB 26:16:18.32.8.2.7.20.42S.63.91W, h45km, 97km, ML3.9/1, Error ellipse: s-maj=44.5km s-min=38.7km az=0.0

IDC 26:16:48.4.4.3.6.2.0.91S.64.11W, h38km, 27km, mb3.7/6, mb1.4/0.9, mb1mx3.8/2.7, mbtmp3.9/9, ML4.1/3, MS3.1/5, Ms1.3.1/5, ms1mx2.8/2.5, Error ellipse: s-maj=34.9km s-min=22.5km az=38.0

ISC 26:16:18.43.9.0.8.20.94S.0.07.64.03W, h35km, n20, c113/21, mb3.9/5, Southern Bolivia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MOCB Mochara, YJA Yavi, LVC Limon Verde, etc.

MAN 26:16:24:16.8, 16:53N:120:08E, h24km, mb4.4, ML3.2, MS3.0, Luzon

SOME 26:16:40:10.0, 40:23N:77:42E, h5km, KRNET 26:16:40:11.9, 0.1, 40:33N:77:40E, mb2.9, NNC 26:16:40:11.2, 0.8, 40:26N:77:42E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=5.3km s-min=4.2km az=169.0

ISC 26:16:40:12.4, 40:3N:0.1:77:32E:0.04, h10km, n50, c1866/77, 16C-9D, Kyrgyzstan-Kinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station TARG Taragay, Kyrgyz.

2015 DEC

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TARG Kajsays, KDJ Kajsays, ULHL Ulahol, etc.

1258

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SGDS 6.1nm, 0.8s, BLB Baldybastay, BLB 3.8nm, 0.3s, etc.

IDC 26:16:58:30.4.6.4.07S:129.63E, h59km, 49km, mb3.6/2, mb1.3/6.4, mb1mx3.2/2.8, mbtmp3.7/4, ML3.6/2, Error ellipse: s-maj=47.8km s-min=22.1km az=83.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SIJI Sorong, SIJI Warrungarra Arr, etc.

IDC 26:17:13:12.2:19.0, 12:35S:166.79E, h271km, 230km, mb3.1/3, mb1.3/3.4, mb1mx3.0/2.7, mbtmp3.7/4, Error ellipse: s-maj=212.4km s-min=29.1km az=156.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, WRA Warrungarra Arr, etc.

IDC 26:17:21:53.7:3.0, 6:14S:147:16E, h0km, mb3.4/1, mb1.7/3.7, mb1mx3.6/2.45, mbtmp3.5/3, ML3.7/1, MS2.5/1, Ms1.2/5.1, ms1mx2.2/2.4, Error ellipse: s-maj=63.4km s-min=34.6km az=88.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG 4.5nm, 0.3s, etc.

MAN 26 17:34:03.9, 1330N:124.95E, h15km, mb4.9, ML3.8, MS3.8, 6D, Luzon

Code	Station Name	Δ°	AZ $^\circ$	Phase	ID	Time	Res
						h m s	ISC
SCSP	San Jose Seism	1.44	285	eP	Pn	17 34 28.4	-1.0
SCSP				iS	Sb	17 34 48.6	+0.1
JCNP	Jose Panganiba	2.50	295	iP	Pn	17 35 13.5	+1.6
JCNP				iS	Sb	17 35 15.1	+0.6
GOP	Guinayangan	2.41	284	eP	Pn	17 35 15.9	+1.4
GOP				eS	Sb	17 34 48.2	+0.4
RCP	Roxas	2.76	232	eP	Pn	17 35 22.1	+1.4
RCP				eS	Sb	17 34 52.5	+1.2
BOAC	Boac	3.03	273	eP	Pn	17 35 26.7	-0.7
BOAC				iS	Sb	17 34 55.8	+2.9
MSLP	Maasin	3.14	182	eP	Pn	17 35 42.2	-2.8
MSLP				eS	Sb	17 35 14.7	+0.1
CAUP	Cauyan	4.72	321	iP	Pn		

IDC 26 17:37:38.9, 2.0, 6.21S:147.02E, h0km, mb3.8/4, mb1.3/6, mb1mx3.4/3, mbtm3.8/6, ML1.3/1, MS3.0/3, Ms1.3/0.3, ms1mx2.6/40, Error ellipse: s-maj=75.4km s-min=20.2km az=89.0

ISC 26 17:37:44.8, 1.4, 6.25S:109.9, 147.1E:0.2, h9km, n18, s1526/16, mb3.7/7, Eastern New Guinea region

Code	Station Name	Δ°	AZ $^\circ$	Phase	ID	Time	Res
						h m s	ISC
PMG	Port Moresby	3.13	180	P	Pn	17 39 30.6	-1.1
PMG				Sn	Sb	17 39 10.5	+2.5
PMG				LR	LR	17 40 03.2	
PMG	Port Moresby	3.13	180	P	Pn	17 38 30.9	-0.8
PMG	Port Moresby	3.13	180	P	Pn	17 38 30.9	-0.8
COEN	Coen	8.59	207	P	Pn	17 39 47.5	+0.8
COEN				LR	LR	17 47 39.9	
SJUI	Sorong	16.71	288	LR	LR		
WRAB	Tennant Creek	18.42	221	Pn	Pn	17 41 55.7	-1.0
WRA	Warramunga Arr	18.43	221	Pn	Pn	17 41 55.7	-1.2
QLP	Quilpie	20.41	187	P	Pn	17 42 17.7	-2.6
ASAR	Alice Springs	21.49	215	P	P	17 42 28.9	-0.7
ASAR				iS	Sb	17 42 28.9	-0.7
OOD	Oodnadatta	24.02	206	P	P	17 42 54.1	-1.2
LCRK	Leigh Creek	25.49	198	P	P	17 43 08.5	-0.1
WRKA	Warakurna	25.97	222	P	P	17 43 11.5	-1.6
STKA	Stephens Creek	26.01	191	P	P	17 43 13.7	+0.4
MULG	Mulgathing	26.88	206	P	P	17 43 21.7	+0.5
SOMI	Songina Array	64.69	331	P	P	17 48 19.7	+1.8
ZALV	Zalovo Beam	79.30	328	P	P	17 49 44.6	-0.5
KIRV	Kirov	99.33	328	LR	LR	18 40 58.0	
TORD	Torodi Ar. Bea	145.29	284	PKPbc	PKPbc	17 57 18.0	-0.1

KISR 26 17:38:07.2, 0.2, 30.98N:50.05E, h0km, mb109km, ML3.6

TEH 26 17:38:07.3, 1.21N:50.27E, h9km, ML3.3

ISC 26 17:38:08.7, 0.9, 31.18N:104.5023E:0.04, h10km, n31, s1514/36, Northern and central Iran

Code	Station Name	Δ°	AZ $^\circ$	Phase	ID	Time	Res
						h m s	ISC
ABEH	Behbahan	0.58	178	eP	Pg	17 38 20.2	+0.2
ABEH				eS	Sb	17 38 20.2	+0.2
AMIS	Naft Sefid	0.94	301	eP	Pg	17 38 24.8	-1.9
AMIS				eS	Sb	17 38 40.6	+1.1
IBRJ	Brojen	1.14	50	eP	Pb	17 38 28.5	-2.2
IBRJ				eS	Sb	17 38 49.3	
KLNJ	Kolanjeh	1.19	98	eP	Pb	17 38 29.5	-2.0
KLNJ				eS	Sb	17 38 53.8	
AHWZ	Ahwaz	1.36	277	eP	Pn	17 38 34.1	+0.3
AHWZ				eS	Sb	17 38 54.8	+2.3
IGAR	Ghameh	1.97	51	eP	Pn	17 38 43.7	+1.4
IGAR				eS	Sb	17 38 47.2	
IKLH	Kolahrood	2.42	28	ePn	Pn	17 38 49.2	+0.6
IKLH				eS	Sb	17 38 53.9	
AHBU	AHRAM	2.49	158	ePn	Pn	17 38 49.5	+0.2
KHMZ	Khomeyn	2.56	355	ePn	Pn	17 38 52.1	+1.6
UMMR	Umm Al-Rimam	2.71	234	ePn	Pn	17 38 52.6	+0.3
NASN	Na'in	2.72	53	ePn	Pn	17 38 53.8	+1.0
MIB	Mutribah	2.85	242	ePn	Pn	17 38 54.6	+0.4
IKFM	Kafar-mosalmam	3.08	320	ePn	Pn	17 38 57.9	+0.5
IKFM				eS	Sb	17 39 57.7	
IDOB	Doab	3.12	227	ePn	Pn	17 38 58.7	+0.5
QRN	Al-Qurain	3.15	320	eS	Sb	17 39 37.4	+1.4
RDF	Al-Radifiah	3.23	227	ePn	Pn	17 39 00.1	+0.7
RDF				eS	Sb	17 39 38.7	+0.7
RDF				IAML		17 39 42.6	
RST	Umm Al-Ruwaisa	3.25	240	ePn	Pn	17 39 00.1	+0.3
HSAM	Samen	3.31	336	ePn	Pn	17 39 01.6	+0.7
HSAM				eS	Sb	17 39 13.9	
ASAO	Ashtian	3.36	357	ePn	Pn	17 39 03.3	+1.8
GHRV	GHRM	3.41	15	ePn	Pn	17 39 03.4	+1.4
ANAR	Anarak	3.58	55	ePn	Pn	17 39 05.6	+1.2
ICHK	Chechek	3.72	72	ePn	Pn	17 39 07.0	+0.6
HAGD	Aghdareh	3.74	346	ePn	Pn	17 39 07.2	+0.5
HAGD				eS	Sb	17 40 11.4	
GHIR	Ghir-Karzin	3.76	140	ePn	Pn	17 39 07.2	+0.4
IBZA	Bozab	3.83	329	ePn	Pn	17 39 08.3	+0.3
IBZA				eS	Sb	17 40 26.6	
YZKH	fazd	3.91	71	ePn	Pn	17 39 10.3	+1.4
IJALM	Almabolaq	4.05	335	ePn	Pn	17 39 11.5	+0.4
IGHG	Ghaleghazi	4.40	316	ePn	Pn	17 39 15.8	+0.1
IGHG				eS	Sb	17 40 55.3	
IDHR	Dehrash	4.76	318	ePn	Pn	17 39 21.4	+0.6
IFIR	Firoozkooch	4.92	25	ePn	Pn	17 39 24.1	+1.1
SHRO	Shahrood	6.80	24	ePn	Pn	17 39 50.3	+1.6

TAP 26 17:51:04.9, 24.22N:121.266E, h15km, ML1.2, C, Taiwan

Code	Station Name	Δ°	AZ $^\circ$	Phase	ID	Time	Res
						h m s	ISC
ETL	Fush Village	0.06	209	iP	Pg	17 51 08.3	+0.4
ETL				iS	Sg	17 51 10.5	+0.7
NACB	Ninganchiao	0.07	234	iP	Pg	17 51 08.4	+0.5
NACB				iS	Sg	17 51 10.6	+0.8
TWD	Chiawan	0.14	203	P	Pg	17 51 09.0	+0.3
ETLH	Xiulin Townshi	0.16	267	iP	Pb	17 51 09.8	+0.1
ETLH				iS	Sg	17 51 13.2	+0.3
ENA	Nanau	0.23	20	ePn	Pn	17 51 10.3	+0.3
EWUT	Wuta	0.26	26	eP	Pg	17 51 10.3	-0.2
ETM	Tongmen	0.29	211	P	Pg	17 51 11.1	+0.1
NNSB	Datong	0.33	310	P	Pb	17 51 12.3	-0.3
NNSB				Sb	Sb	17 51 17.8	+0.1
LATG	Datong	0.34	340	P	Pb	17 51 12.9	+0.1
LATG				Sb	Sb	17 51 18.2	+0.1

NNS	Nan Shan	0.34	311	eP	Pb	17 51 12.9	0.0
NNS				eS	Sb	17 51 18.2	0.0
WHF	Hehuan Shan	0.36	259	P	Pb	17 51 13.1	-0.3
WHF				Sb	Sb	17 51 18.9	-0.2
FUS	Fushou	0.38	275	eP	Pb	17 51 13.3	-0.2
NDS	Dongshan	0.42	7	eP	Pb	17 51 14.1	-0.1
ENTT	Nioudou	0.43	349	eP	Pb	17 51 14.7	+0.4
ENTT				Sb	Sb	17 51 20.8	+0.2
ESL	Shilin	0.45	207	eP	Pb	17 51 14.3	-0.2
TDCB	Techi	0.46	275	P	Pb	17 51 15.1	+0.3
TDCB				Sb	Sb	17 51 21.7	+0.3
CHGB	Renai	0.47	251	eP	Pb	17 51 15.7	+0.7
TWB	Neicheng	0.50	1	eP	Pb	17 51 15.7	+0.2
YHNB	Yeheng	0.52	331	P	Pb	17 51 16.3	+0.4
YHNB				Sb	Sb	17 51 23.6	+0.4
NSK	Sanguang	0.53	329	eP	Pb	17 51 16.6	+0.6
NSK				eS	Sb	17 51 23.9	+0.2
WUSB	Renai	0.54	246	P	Pb	17 51 16.9	+0.7
WUSB				Sb	Sb	17 51 24.2	+0.4

JMA 26 17:51:07.3, 0.1, 24.35N:123.18E, h51km, 2km, M1.3, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase	ID	Time	Res
						h m s	ISC
YOJ	Yonaguni jima	0.19	306	P	Pn	17 51 15.6	-0.1
YOJ				eS	Sb	17 51 21.7	0.0
JYNG	Yonagunijimaku	0.24	295	P	Pn	17 51 15.8	-0.2
JYNG				Sb	Sb	17 51 21.7	-0.5
IRIF	Iriomote-Funau	0.50	92	P	Pn	17 51 18.2	-0.2
IRIF				Sb	Sb	17 51 26.7	-0.1
JKRS	Kuro-shima	0.77	98	P	Pn	17 51 22.2	+0.3
JKRS				Sb	Sb	17 51 32.2	+0.6
JISG	Ishigaki jima	0.88	89	P	Pn	17 51 23.3	-0.1
JISG				Sb	Sb	17 51 35.0	-0.2
JISG	Ishigakijimahi	1.06	77	P	Pn	17 51 40.0	+0.5
JISG				eS	Sb	17 51 40.0	+0.5

SJA 26 17:58:04.2, 0.6, 31.73S:72.45W, h9km, ML4.9, MW4.8

IDC 26 17:58:07.9, 0.5, 31.72S:72.03W, h0km, mb4.6/1.9, mb1.4/6/23, mb1mx4.5/4.9, mbtmp4.5/23, ML4.5/4, MS4.4/10, Ms1.4/4/10, ms1mx4.2/17, Error ellipse: s-maj=16.2km s-min=14.0km az=67.0

NEIC 26 17:58:08.7, 31.75S:72.16W, h19km, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; M2:8.7; M3:0.32; M4:0.19; M5:0.29; M6:0.14; M7:1.41; Fault plane solution: Ms3.70000*1016 NP1:173.31000*, 557.70000*, 184.89000*. NP2:2.82000*, 832.66000*, 198.03000*. Principal axes: T 3.2065, Plg7.0000*, Azm67.0000*; N 0.3094, Plg4.0000*, Azm176.0000*; P -3.5159, Plg13.0000*, Azm267.0000*.

NEIC 26 17:58:08.2, 1.9, 31.75S:0.02E:72.18W:0.08, h12km, 1km, mb5.0/70, Mwrs:0/49, Mwms:0, ML4.9(GUC) Error ellipse: s-maj=9.4km s-min=3.3km az=90.0

VAO 26 17:58:09.0, 0.4, 31.73S:72.01W, h13km, mb4.8

GC 26 17:58:09.4, 0.3, 31.73S:72.10W, h2km, 2km, ML4.9

26d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AODB Aquidauana, G009 Cerro Castellar, and W39A Magazine.

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like S39A Bolivar, R40A Maddies Statio, and W39A Magazine.

1260

Table with columns for station name, frequency, power, and other technical details. Includes stations like CO03 El Pedregal, ROCH El Roble, and W39A Magazine.

MOS 26 17:59:36.2 ± 0.1, 31.675: 72.02W, h14km, mb5.2/6, Error ellipse: s-maj=14.3km s-min=8.0km az=96.4

Table with columns for Code, Station Name, Azimuth, Elevation, Phase, ID, Op, Time, Res, and other technical details.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ALF01 Guarapari-ES, JANB Januaria, MACA Manacapuru-AM, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Q24A Divide, F62A Pittston Farm, F64A Sherman, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MNK, V6U, WRA, etc.

NEIC 26 18:17:47.71.4, 20.04S:0.2x178.1W:0.2, h493km, 10km, mb 5/12, Error ellipse: s-maj=27.8km s-min=21.5km

IDC 26 18:17:50.77.6, 20.98S:1.77.99W, h547km, 49km, mb3.3/4, mb1 3.6/5, mb1mx3.0/26, mbtmp.4/2.5, Error ellipse: s-maj=159.0km s-min=25.3km az=142.0

ISC 26 18:17:50.6:0.8, 20.7S:0.2x178.0W:0.1, h534km, n26, a162/24, mb4.4/10, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MSVF, NSAV, NIUE, etc.

NEIC 26 18:25:21.1-1.3, 35.38N:0.06:101.20W:0.06, h5km, 3km, mb Lg2.7/34, Error ellipse: s-maj=8.4km s-min=7.5km

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MSTX, WSKA, WMOK, etc.

26d 19h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time Res, h, m, s, ISC. Includes stations like BCOK Bluff Creek, ABTX Abilene, KAN14 Manchester, etc.

SJA 26 18:53:19.9-0.8,31:68S:72:45W,h23km,7m,ML4.4, MW4.6
IDC 26 18:53:21.8-0.8,31:70S:71:97W,h0km,mb3.7/7, mb1 4.3/11,mb1mx2.2/30,mbtmp4.2/11,ML3.9/4,MS3.6/8, Ms1 3.6/8,ms1mx3.4/21,Error ellipse: s-maj=25.3km s-min=19.7km az=146.0
NEIC 26 18:53:22.9,31:74S:72:16W,h19km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr2:41; Mw:0.24; Mss:2.65; Mm-0.01; Mss-0.11; Ms-1.07; Fault plane solution: Ms2 76000*10^15, NPl1=181.9,000,000, 3.5,44000*, NPl2=3,08000*, NPl3=5,70000*, 1.91,31000*. Principal axes: T 2.6304, Plg79.0000*, Azm88.0000*, N 0.2430, Plg1.0000*, Azm182.0000*, P -2.8734, Plg11.0000*, Azm272.0000*.
NEIC 26 18:53:22.6-2.5,31:75S:0:03E:72:14W,0.04,h6km,8km, mb4.6/15,Mw4.2/39,ML4.2(GUC) Error ellipse: s-maj=11.6km s-min=4.6km az=98.0
GUC 26 18:53:24.7-0.8,31:73S:72:02W,h38km,2km,ML4.2
ISC 26 18:53:21.6-1,31:73S:0:02E:72:14W,0.04,h6km,8km, n128,s175/173,mb4.6/12,MS3.8/5,12C-1D,Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time Res, h, m, s, ISC. Includes stations like YA06 Catapilco, CO06 Fray Jorge, CO06 Fray Jorge, etc.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time Res, h, m, s, ISC. Includes stations like G004 comp=E,4um,0.6s, G004 Tololo Observa, CO05 comp=E,4um,0.4s, etc.

1262

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time Res, h, m, s, ISC. Includes stations like LPAZ La Paz, ITAB Concordia, AQB Aquidauana, etc.

IDC 26 19:07:23.3:75.0,22:94S:178:16E,h0km,mb3.8/3, mb1 3.9/3,mb1mx3.7/20,mbtmp3.8/3,Error ellipse: s-maj=1331.0km s-min=159.7km az=85.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 26 19:17:25.2:5.4,12:83S:168:90E,h605km,85km,mb3.2/8, mb1 3.4/9,mb1mx3.2/28,mbtmp4.1/9, Error ellipse: s-maj=79.5km s-min=26.7km az=159.0

NEIC 26 19:17:26.5:1.2,12:9S:0:1:169:0E:0:1,h624km,11km, mb4.5/29, Error ellipse: s-maj=23.4km s-min=10.2km az=135.0

ISC 26 19:17:26.3:0.7,12:98S:0:09:168:9E:0:1,h625km,n48, a095/49,mb4.4/22,Santa Cruz Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, COEN Coen, HIZ Hauri, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CM31 Chiang Mai Arr, SONM Songoing Array, etc.

NEIC 26 19:24:48.5:1.9, 13:62S:0:08:169:74E:0:07, h10km, 1km, mb4.6/12, Error ellipse: s-maj=17.9km s-min=3.0km az=321.0

IDC 26 19:24:48.2:1.6, 13:76S:169:73E, h0km, mb4.1/6, mb1 4.3/7, mb1mx4.0/27, mbtmp4.1/7, ML4.1/1, MS3.7/15, Ms1 3.7/15, ms1mx3.6/24, Error ellipse: s-maj=61.1km s-min=24.3km az=130.0

NOU 26 19:25:09.0, 15:07S:168:82E, h0km, mb4.3/9, Vanuatu Islands

ISC 26 19:24:48.7:0.7, 13:75S:0:1:169:71E:0:08, h10km, n44, r157/36, mb4.5/12, MS3.8/12, Vanuatu Islands region

Main table for 1263 containing station data for various codes like SAR, RVN, ROUNC, etc., with columns for station name, coordinates, and time/resolution.

MAN 26 19:33:01.0, 13:37N:119:90E, h24km, mb4.0, ML2.8, MS2.4, Philippine Islands region

TUL 26 19:40:15.7:1.2, 35:59N:0:02:97:38W:0:05, h6km, 6km, ML3.0, mb, Lg2.8/36(NEIC), Error ellipse: s-maj=5.8km s-min=2.4km az=104.0

ANF 26 19:40:15.4:0.3, 35:61N:97:38W, h6km, ML3.2/7, Error ellipse: s-maj=3.4km s-min=2.7km az=141.0

NEIC 26 19:40:15.7:1.2, 35:59N:0:02:97:41W:0:05, h9km, 5km, Error ellipse: s-maj=5.8km s-min=2.7km az=98.0, Oklahoma

Table for Oklahoma region with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OK009 Oakdale Elemen, OK025 Westminster Rd, etc.

Main table for 2015 DEC containing station data for various codes like OK030 Cody Creek RV, W35A Tecumseh, etc., with columns for station name, coordinates, and time/resolution.

TUL 26 19:41:17.8:0.9, 35:59N:0:01:97:38W:0:02, h6km, 4km, ML3.2, mb, Lg3.0/36(NEIC), Error ellipse: s-maj=2.8km

NEIC 26 19:41:17.7:0.9, 35:62N:0:02:97:42W:0:04, h9km, 6km, Error ellipse: s-maj=5.4km s-min=1.4km az=117.0, Oklahoma

Main table for Oklahoma region (continued) with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OK009 Oakdale Elemen, OK025 Westminster Rd, etc.

Table for 26d 19h containing station data for codes like K31A O'Neill, SCIA State Center, T45A Paducah, etc., with columns for station name, coordinates, and time/resolution.

IDC 26 19:43:14.7:2.1, 2:36N-76:37W, h0km, mb3.4/2, mb1 3.5/3, mb1mx3.4/25, mbtmp3.4/3, ML2.1/1, MS2.9/2, Ms1 3.0/2, ms1mx2.7/21, Error ellipse: s-maj=53.1km s-min=24.6km az=135.0, Colombia

Table for Colombia region with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROSC El Rosal, ROSC E2mm, etc.

IDC 26 19:52:28.4:1.0, 22:05S:67:10W, h178km, 14km, mb3.3/2, mb1 3.5/6, mb1mx3.3/23, mbtmp3.9/6, MS3.1/1, Ms1 3.1/1, ms1mx2.5/13, Error ellipse: s-maj=22.8km s-min=14.0km az=108.0

NEIC 26 19:52:28.4:1.0, 22:05S:67:10W:0:1, h178km, 8km, mb4.2/6, ML4.2(GUC), Error ellipse: s-maj=14.8km s-min=10.6km az=90.0

GUC 26 19:52:29.2:0.6, 22:08S:67:48W, h219km, 6km, ML4.2 SCB 26 19:52:32.1:1.6, 22:10S:67:21W, h159km, 1km, ML4.1/8, Error ellipse: s-maj=5.7km s-min=3.5km az=20.0

ISC 26 19:52:28.0:0.7, 22:05S:0:04:67:15W:0:05, h181km, 7km, n71, r154/97, mb3.9/4, 4C-2D, Chile-Bolivia border region

Main table for Chile-Bolivia border region with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YJA Yavi, MOCB Mochara, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like Renca, Farellones, Talagante, etc.

NNC 26:20:46:31.76.4, 36.397N-70:50E, h0km, mb3.7, mpv3.4, 3C-3D, Error ellipse: s-maj=53.7km s-min=49.7km az=121.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and station details like Karatay Array, Ala-Archa, Tokmak 2, etc.

JMA 26:21:16:18.6:0.2, 30.83N-138:08E, h503km, 4km, M4.0, BUJ 26:21:16:20.1:0.0, 30:81N-137:87E, h462km, mb4.9/26, mb4.9/64

MOS 26:21:16:20.5:0.7, 30:81N-137:72E, h454km, mb4.3/19, Error ellipse: s-maj=8.7km s-min=5.2km az=108.9

IDC 26:21:16:22.4:0.7, 30:86N-137:72E, h456km, 2km, mb3.8/33, mb1.9/38, mb1mx3.7/56, mbtmp4.6/38, Error ellipse: s-maj=8.8km s-min=8.4km az=101.0

NEIC 26:21:16:23.0:1.5, 30:87N-137:8E:0.1, h463km, 7km, mb4.4/135, Error ellipse: s-maj=13.2km s-min=11.7km az=106.0

ISC 26:21:16:22.4:0.3, 30:87N-137:82E:0.0, h462km, n552, s1902/582, mb4.4/142, 12C-2D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and station details like Aogashimamukai, Hachiojimakas, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and station details like MJAR, Matsuhiro Arr, Matsuhiro, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and station details like MA2, Magadan, MYLDM, Lahad Datu, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MNK, EDM, YB, L04D, M02C, etc.

Table with columns: YMP, Iamb, Iamb, and other technical details. Includes stations like MOOV, RLMT, MPMC, R11A, FURC, etc.

Table with columns: SNR, Station Name, Frequency, Power, and other technical details. Includes stations like KSSAJ, KSSAU, KSKCH, etc.

Technical notes and data for station BUJ: BUJ 26:22:11.05:0.0, 9:28N, 126:36E, h28km, mb5.2/44, mb5.1/79, Ms4.5/48, Ms7.4/344, MAN 26:22:11.15:3, 10:01N, 126:17E, h29km, mb5.8, ML4.8, MS5.2, GCMT 26:22:11.16:3, 0.3, 9:95N, 0:02, 126:22E, 0:02, h43km, 1km, MV5.0/68, Moment Tensor Solution, s54, c67, s68, c104, Duration: 0, Moment Tensor: Scale 1016Nm, Mw:3.91±, Ms: 4.02±, Ms: 1.19±, 13, Best double couple: Mw:4.59400, 1016, NP1:169.00000, 839.00000, 1.68.00000, NP2: 0:16.00000, 854.00000, 1.106.00000, Principal axes: T 4.2870, P1g74.00000, Azm334.00000; N 0.6140, P1g13.00000, Azm186.00000; P -4.9010, P1g8.00000, Azm94.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function, IDC 26:22:11.16:4, 1.1, 6:9:96N, 125:99E, h54km, 14km, mb4.8/37, mb1.4/840, mb1mx4.7/48, mbtmp5.0/40, ML4.5/3, MS4.0/39, Ms:1.0/39, ms1mx3.9/45, Error ellipse: s-maj=14.4km s-min=8.0km az=87.0, MOS 26:22:11.16:4, 1.1, 10:05N, 125:87E, h67km, mb5.4/23, Error ellipse: s-maj=8.3km s-min=4.2km az=115.1, NEIC 26:22:11.17:3, 1.9, 9:97N, 0:06, 126:03E, 0:09, h58km, 4km, mb5.2/190, Error ellipse: s-maj=12.8km s-min=8.9km az=82.0, DJA 26:22:11.18:2, 0.4, 10:2N, 127:66E, h81km, 3km, M5.0/88, mb5.0/88, mb5.4/33, MLV5.7/3, Mw(mb)4.8/33, MwMwp4.8/2, Mwmp5.1/2, KLM 26:22:11.20:9, 85N, 126:28E, h95km, mb5.0, BGR 26:22:11.23:6, 0.1, 0:03N, 125:96E, h100km, ISC 26:22:11.17:9, 0.4, 9:94N, 103:126E, 0:04, h71km, 3km, h71km; P-P, n898, r541951, mb5.2/233, 112C-56D, Fault plane solution: NP1:16.212, 45473, 841, 228072, 1.115, 0.0221, NP2:0.0, 0.06937, 853, 49841, 1.69, 32916, Principal axes: T P1g72.2561, Azm215.0821; N P1g16.4844, Azm12.7185; P P1g6.3839, Azm104.6158; Fault plane solution: NP1:155.17458, 836.05239, 1.30, 57339, NP2:39.64419, 872.58154, 1.12, 07706, Principal axes: T P1g51.5685, Azm346.8106; N P1g30.4447, Azm209.0182; P P1g21.1008, Azm105.9094; Mindanao

26 Dec 22h

Table of flight arrivals and departures for 26 Dec 22h, listing airlines, flight numbers, times, and destinations.

2015 DEC

Table of flight arrivals and departures for 2015 DEC, listing airlines, flight numbers, times, and destinations.

1268

Table of flight arrivals and departures for 1268, listing airlines, flight numbers, times, and destinations.

26d 22h

Table with columns: ARU, comp=, pmax, pmax, and numerical values. Includes entries like ARU Arti, SOCY Socotra, FALS False Pass, TNA Tin City, ANM Nome, etc.

2015 DEC

Table with columns: KIV, comp=, pmax, pmax, and numerical values. Includes entries like KIV Kiv, KIV Kiv, KIV Kiv, KIV Kiv, KIV Kiv, etc.

1270

Table with columns: OBN, comp=, pmax, pmax, and numerical values. Includes entries like OBN OBN, OBN OBN, OBN OBN, OBN OBN, OBN OBN, etc.

26d 22h

Table of astronomical observations for 26d 22h, listing objects like DZM, MSFV, HNR, etc., with their coordinates and magnitudes.

2015 DEC

Table of astronomical observations for 2015 DEC, listing objects like RPSI, GSI, CM31, etc., with their coordinates and magnitudes.

1272

Table of astronomical observations for 1272, listing objects like LIFNC, MARNC, KOUNC, etc., with their coordinates and magnitudes.

NOU 26:22:53.16.0, 12:51S:169.536E, h661km, mb4.5/46, Santa Cruz Islands Region
NEIC 26:22:53.18.8, 1.5, 12.8S:0.1x169.4E:0.1, h645km, 7km, mb4.7/37, Error ellipse: s-maj=15.9km s-min=14.6km

27/2h

Table with columns: OXZ, MQZ, RPZ, etc. and rows listing various stations and their coordinates, frequencies, and other details.

NOU 27 01:24:25.8, 16°69S, 167°67E, h17km, MLv4.6/14, Vanuatu Islands, Vanuatu Islands

Table listing stations in Vanuatu Islands with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

DSN 27 01:51:32.8, 2.8, 29°49N, 59°31E, h15km, ML4.0/4, Error ellipse: s-maj=39.5km s-min=24.7km az=113.0

NEIC 27 01:52:00.7, 2.5, 27°82N, 01:02:57.93E, 0.09, h1km, ML3.8, mb4.1/10, mb_Lg3.8(TEH), Error ellipse: s-maj=13.8km s-min=3.0km az=103.0

THR 27 01:52:02.0, 2.7, 88N, 57.77E, h18km, 9km, ML3.4

TEH 27 01:52:02.0, 2.7, 99N, 57.80E, h17km, ML3.8

IDC 27 01:52:18.9, 0.7, 27.83N, 57.79E, h0km, mb3.8/4, mb1.3/8.4, mb1mx3.4/29, mbtmp3.8/4, Error ellipse: s-maj=16.2km s-min=9.2km az=138.0

KISR 27 01:52:49.8, 0.5, 28°41N, 54.88E, h0km, 561km, ML4.0

ISC 27 01:52:59.5, 0.6, 27°8N, 01:04:57.96E, 0.04, h10km, n65, #187/58, mb4.0/7, Southern Iran

Table listing stations in Southern Iran with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

2015 DEC

Table listing stations in 2015 DEC with columns: ITEG, Tejag, YZKH, etc. and rows listing various stations and their coordinates, frequencies, and other details.

IDC 27 02:04:21.3, 1.4, 31°89N, 69°68E, h0km, mb3.7/7, mb1.3/9.9, mb1mx3.5/46, mbtmp3.8/9, ML3.7/2, Error ellipse: s-maj=36.9km s-min=25.8km az=134.0

ISC 27 02:04:23.1, 1.0, 31°9N, 01:69.48E, 0.08, h10km, n16, #141/17, mb3.8/7, Pakistan

Table listing stations in Pakistan with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 27 02:20:54.9, 2.1, 23°31S, 66°63W, h206km, 21km, mb3.3/1, mb1.3/3.5, mb1mx3.1/23, mbtmp3.8/5, Error ellipse: s-maj=49.3km s-min=22.2km az=162.0

NEIC 27 02:20:55.7, 1.6, 23°36S, 01:09.66W, 0.2, h29km, 9km, mb4.0/2, Error ellipse: s-maj=24.8km s-min=13.2km az=93.0

GUC 27 02:20:55.6, 0.6, 23°31S, 66°63W, h226km, 9km, ML4.2

ISC 27 02:20:54.6, 0.9, 23°34S, 01:07.66E, 0.08, h230km, 10km, n39, #1908/49, 10C, Jujuy Province

Table listing stations in Jujuy Province with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

1276

Table listing stations in 1276 with columns: PB08, AC02, TA01, etc. and rows listing various stations and their coordinates, frequencies, and other details.

IDC 27 02:25:48.8, 4.8, 6.05S, 131°85E, h0km, mb9.1/1, mb1.3/8.3, mb1mx3.5/28, mbtmp3.6/3, ML3.6/2, MS3.4/2, Ms1.3/4.2, ms1mx2.7/4, Error ellipse: s-maj=332.5km s-min=31.1km az=72.0, Tanimbar Islands region

Table listing stations in Tanimbar Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

THE 27 02:28:09.6, 35°75N, 23°19E, h9km, ML2.6/6

ISK 27 02:28:10.7, 35°95N, 23°41E, h1km, 1km, ML1.9/7, Error ellipse: s-maj=1.8km s-min=0.5km az=265.0

ATH 27 02:28:10.0, 35°82N, 23°22E, h15km, 1km, ML2.1/1, Error ellipse: s-maj=4.9km s-min=1.0km az=48.0

ISC 27 02:28:09.0, 1.2, 35.77N, 01:05.23E, 0.05, h13km, 8km, n25, #049/38, Crete

Table listing stations in Crete with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

JMA 27 02:32:21.6, 31°20N, 128°70E, h16km, MW3.4, Moment Tensor Solution, s3 Moment tensor: Scale 10^14N

MN-0.37; Mw=0.03; Ms=0.40; Ms=0.36; Ms=1.59; Mw=0.13; Fault plane solution: M=1.67000x10^14 NPT, #85, 0.000000, 880.000000, 1-16.000000, NP2=177.000000, 874.000000, 1-170.000000

JMA 27 02:32:21.6, 0.4, 31°20N, 128°70E, h16km, 4km, M3.5, Northwest of Ryukyu Islands

Table listing stations in Northwest of Ryukyu Islands with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 27 02:36:29.9, 1.1, 01:27N, 97°84E, h0km, mb3.8/10, mb1.3/8.1/1, mb1mx3.6/40, mbtmp3.8/11, ML3.1/1, MS2.7/2, Ms1.2/8.2, ms1mx2.5/38, Error ellipse: s-maj=36.2km s-min=18.3km az=56.0

NEIC 27 02:36:35.6, 1.5, 0.52N, 01:05.97E, 0.09, h30km, 7km, mb4.2/9, Error ellipse: s-maj=12.5km s-min=7.0km

DJA 27 02:36:36.1, 1.2, 1°N, 6°9'E, 1.7, h175km, 14km, M3.7/6, MLv3.7/6

ISC 27 02:36:34.5, 0.7, 0.45N, 01:06.97E, 0.07, h29km, n33, #127/30, mb4.1/14, Northern Sumatra

Table listing stations in Northern Sumatra with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

27d 5h

Table with columns: MTE, Manteigas, 3.87 0 P, Pn, 04 30 14.2 +1.1, 04 30 56.0 -1.4, etc.

ICD 27 04:30:21.5i-0.0, 0.37N-97.99E, h0km, mb3.8/10, mb1.4/0.11, mb1mx3.7/35, mbtmp3.8/11, ML4.6/1, MS3.0/2, Ms1 3.0/2, ms1mx2.5/46, Error ellipse: s-maj=26.0km s-min=19.9km az=73.0

DJA 27 04:30:24.1i-0.5, 0.7N-97.98E, h10km, M4.2/9, mb4.2/2, ML4.2/2

NEIC 27 04:30:25.8i-1.9, 0.4N-101.97E, h0.1km, mb2.9km, mb4.3/8, Error ellipse: s-maj=21.2km s-min=9.1km az=24.0

ISC 27 04:30:23.0i-0.6, 0.44N-105.9792E, h0.07, h10km, n34, c093/33, mb4.0/13, Northern Sumatera

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

2015 DEC

Table with columns: ZALV, Zalesovo Beam, 54.42 351 P, P, 04 39 59.0 +0.4, 04 30 15.4 +1.4, etc.

ATH 27 05:00:53.1, 38.38N-21.89E, h8km, 3km, ML1.4/2, Error ellipse: s-maj=3.7km s-min=1.3km az=46.0, Greece

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

THE 27 05:01:21.2, 38.60N-20.56E, h11km, 2km, ML1.6/4, Error ellipse: s-maj=2.5km s-min=0.4km az=95.0, Greece

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

IDC 27 05:09:21.8i-8.7, 31.09S-179.92E, h390km, 101km, mb2.7/2, mb1 3.0/3, mb1mx2.5/31, mbtmp3.6/3, Error ellipse: s-maj=104.5km s-min=43.3km az=5.0, Kermadec Islands region

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

BUI 27 05:23:26.0i-0.0, 5.83S-149.03E, h107km, mb5.1/11, mb4.7/16

IDD 27 05:23:27.0i-1.7, 5.84S-149.03E, h105km, 15km, mb4.1/16, mb1 4.2/17, mb1mx4.0/30, mbtmp4.4/17, Error ellipse: s-maj=18.6km s-min=9.6km az=104.0

NEIC 27 05:23:27.9i-2.0, 5.89S-106.149, 06E, h0.07, h110km, 7km, mb4.7/36, Error ellipse: s-maj=9.9km s-min=9.0km az=10.0

DJA 27 05:23:27.5i-0.5, 6.5S-149.9E, h108km, 9km, M4.7/7, mb4.7/MLV4.9/3

ISC 27 05:23:26.0i-0.4, 5.86S-105.149, 06E, h100km, n81, c127/82, mb4.7/32, New Britain region

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

1278

Table with columns: STKA, Stephens Creek, 26.81 194 P, P, 05 28 54.7 -2.7, 05 29 39.3 -1.3, etc.

TEH 27 05:35:54.3, 31.23N-50.24E, h8km, ML3.5

KISR 27 05:35:55.0i-0.7, 31.06N-50.26E, h30km, 262km, ML3.9

THR 27 05:35:55.5i-1.4, 31.18N-50.25E, h15km, ML3.3

ISC 27 05:35:55.0i-0.9, 31.20N-50.20E, h0.04, h10km, n65, c091/68, Northern and central Iran

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

27h

Table with columns: ILAR, Eielson Array, 67.48 28 P, 06 32 31.0 +1.4, etc.

TEH 27 06:47:15.1, 30.02N, 50.43E, h98km, ML3.2
KISR 27 06:47:16.3, 0.1, 2.29, 93N, 49.99E, h176km, 54km, ML3.4

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

TUL 27 06:52:15.8, 1.1, 36.37N, 0.01, 97.06W, 0.1, h3km, 7km,
ML2.6, mb, Lg2.5/14(NEIC), Error ellipse: s-maj=1.6km

NEIC 27 06:52:16.2, 1.1, 36.37N, 0.008, 97.06W, 0.01, h3km, 7km,
Error ellipse: s-maj=1.7km s-min=0.8km az=126.0

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

2015 DEC

Main table with columns: P40A, Paris, 5.07 50 Iamb_Lg, 06 54 54.7, etc.

1280

Table with columns: NTST, HATJ, HATU, FUSU, FUSU, FUSU, etc.

Table with columns: LONT, Longtian, 2.15 219 eP, Pn, 07 01 11.6 +0.1, USRK, Ussuriysk Ar., 21.02 19 P, P, 07 05 12.2 -0.7, etc.

Table with columns: USRK, Ussuriysk Ar., 21.02 19 P, P, 07 05 12.2 -0.7, etc.

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

Table with columns: PTL, Penteli, 170 101, P, Pn, 07 08 18.5 +0.8, 07 08 45.2, etc. Includes stations like BOSS, DRME, VTS, etc.

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

Table with columns: KURK, SEM, SEMipalatinsk, SEM, MAKZ, MAKanchi, MAKZ, etc. Includes stations like MAK31, MAK31, etc.

IDC 27 07:50:44.2,3.1,36.28N;70.89E, h151km,25km, mb3.5/10, mb1 3.6/15, mb1mx3.3/52, mbtmp3.9/15, MS3.3/1, MS1 3.3/1, ms1mx2.5/34, Error ellipse: s-maj=24.6km

s-min=17.4km az=171.0, NNC 27 07:50:49.1, 7.9, 37.10N;70.23E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=63.4km s-min=14.3km az=174.0

ISC 27 07:50:47.9, 0.8, 36.52E;106.70, h200km, n37, e222/34, mb3.73, 6C-4D, Hindu Kush region

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

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

h571km,2km, MW5.3/62, Moment Tensor Solution, s62,c76; Duration: 1s1 Moment tensor: Scale 10^17Nm; Mw=0.38±0.4; Mho=0.47±0.6; Mbo=0.08±0.06; Mo=0.53±0.6; Mso=0.24±0.6; Mer=1.08±0.5; Best double couple; Mo1.29800±10^17 NP1:phi=276.00000°, delta.00000°, lambda=26.00000°. NP2:phi=31.00000°, delta.00000°, lambda=106.00000°. Principal axes: T 1.2370, P1g35.0000°, Azm135.0000°; N 0.1210, P1g16.0000°, Azm33.0000°; P -1.3580, P1g50.0000°, Azm283.0000°; nstia1 refers to body waves, cutoff=8ms. Triangular moment-rate function

ISC 27 06:06:01.4, 0.4, 20.955E;104.178, h65km, n22, e100km, 4km, h571km, 2km, MW5.3/62, Moment Tensor Solution, P 1 012, e1922/1131, mb5.0/183, 33C-113D, Fiji Islands region

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

WCG Waipua Caves 16.14 201 P P 08 09 237 +2.4

KUZ Kaotunou 16.46 196 P P 08 09 257 +1.3

MXZ Matakaoa Point 16.76 188 P P 08 09 282 +1.4

HAZ Te Kaha 17.03 190 P P 08 09 292 -0.1

WUC Port Laquerre 14.04 263 P P 08 09 305 -0.8

SANVU Sarautou 14.51 290 P P 08 09 307 +3.0

OZU Omahuta 15.76 204 P P 08 09 260 +0.3

OZU Omahuta 15.76 204 P P 08 09 196 +1.9

WCG Waipua Caves 16.14 201 P P 08 09 237 +2.4

KUZ Kaotunou 16.46 196 P P 08 09 257 +1.3

MXZ Matakaoa Point 16.76 188 P P 08 09 282 +1.4

HAZ Te Kaha 17.03 190 P P 08 09 292 -0.1

WUC Port Laquerre 14.04 263 P P 08 09 305 -0.8

SANVU Sarautou 14.51 290 P P 08 09 307 +3.0

OZU Omahuta 15.76 204 P P 08 09 260 +0.3

OZU Omahuta 15.76 204 P P 08 09 196 +1.9

WCG Waipua Caves 16.14 201 P P 08 09 237 +2.4

KUZ Kaotunou 16.46 196 P P 08 09 257 +1.3

MXZ Matakaoa Point 16.76 188 P P 08 09 282 +1.4

HAZ Te Kaha 17.03 190 P P 08 09 292 -0.1

WUC Port Laquerre 14.04 263 P P 08 09 305 -0.8

27d 8h

Table with columns: Station, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Azimuth Type, Azimuth Status, Azimuth Value, Azimuth Unit, Azimuth Type, Azimuth Status, Azimuth Value.

2015 DEC

Table with columns: Station, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Azimuth Type, Azimuth Status, Azimuth Value, Azimuth Unit, Azimuth Type, Azimuth Status, Azimuth Value.

1284

Table with columns: Station, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Azimuth Type, Azimuth Status, Azimuth Value, Azimuth Unit, Azimuth Type, Azimuth Status, Azimuth Value.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SDCO, EGAK, COLD, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like OBN, QRN, RDF, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NRDL, NIE, COVR, etc.

Table with columns: Station Name, RA, Dec, Az, El, PKP, and other parameters. Includes stations like Gura Zlata, Bratislava, Eben Emael, etc.

Table with columns: Station Name, RA, Dec, Az, El, PKP, and other parameters. Includes stations like WATA, UBR, RETA, WTTA, MYKA, etc.

Table with columns: Station Name, RA, Dec, Az, El, PKP, and other parameters. Includes stations like H03N2, H03N1, VNA2, SNA, etc.

ATH 27 08:22:49.6, 37.98N; 21.35E, h15km, 1km, ML2.4/7, Error ellipse: s-maj=1.7km s-min=0.8km az=326.0

Code Station Name Az El PKP Phase ID Time Res ISC h m s ISC

Table with columns: Code, Station Name, Az, El, PKP, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Riolos of Patr, Vitiineika, Drossia, etc.

THE 27 08:23:37.9, 38.53N; 20.54E, h14km, ML2.4/6, Error ellipse: s-maj=1.4km s-min=0.3km az=290.0

Code Station Name Az El PKP Phase ID Time Res ISC h m s ISC

Table with columns: Code, Station Name, Az, El, PKP, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Fiskardo, Lefkada island, etc.

27d 10h

Table with columns: DJR, Lg, Lg, 10 18 18.4, MK31, 4.0nm,0.1s, 2.45 351, 11Pg, Pb, 10 17 51.4 -0.3, MK31, 0.7nm,0.2s,baz=174,slow=16,SNR=52, 11Lg, Lg, 10 18 23.6, MAKZ, 1.4nm,0.6s, 2.51 346, 11Pg, Pb, 10 17 53.6 +0.9, MAKZ, 2.0nm,0.8s, 11Lg, Lg, 10 18 25.4, KNOY, 1.8nm,0.4s, 2.65 271, 11Pg, Pb, 10 17 55.6 +0.5, KNOS, 5.1nm,0.3s, Lg, Lg, 10 18 30.8, KAPS, 0.6nm,0.1s, 2.66 291, eP, Pb, 10 17 56.3 +1.0, KAPS, 3.4nm,0.2s, eS, Sg, 10 18 31.7 -1.9, KAPS, 0.8nm,0.3s, 2.66 291, 11Pg, Lg, 10 17 58.3 -0.8, KAPS, 9.3nm,0.1s, 2.75 245, eP, Pn, 10 17 51.6 +0.1, SHLS, 3.8nm,0.1s, eS, Sn, 10 18 24.0 -0.5, SHLS, 8.3nm,1.0s, eS, Sn, 10 18 24.0 -0.5, UZB, 3.3nm,0.1s, 3.05 248, eP, Pb, 10 18 02.1 +0.2, UZB, 3.3nm,0.2s, eS, Sb, 10 18 41.9 +3.0, UZB, 3.3nm,0.1s, 3.05 248, 11Pg, Pb, 10 18 02.1 +0.2, UZB, 3.3nm,0.2s, Lg, Lg, 10 18 41.9, UZB, 3.3nm,0.1s, 3.16 255, eP, Pb, 10 18 03.4 -0.4, KPKS, 1.4nm,0.2s, eS, Sb, 10 18 44.2 +2.1, BLB, 8.8nm,0.0s, 3.17 266, 11Pg, Pb, 10 18 05.1 +1.1, BLB, 9.4nm,0.1s, Lg, Lg, 10 18 47.4, ZSN, 0.9nm,0.5s, 3.37 24, eP, Pb, 10 18 07.2 -0.3, ZSN, 3.0nm,0.7s, eS, Sg, 10 18 50.4 +2.3, ZHN, 5.5nm,0.1s, 4.23 251, eP, Pb, 10 18 09.2 +0.7, ZHN, 9.4nm,0.1s, eS, Sg, 10 18 53.9 -4.5, SATY, 1.3nm,0.4s, 3.50 249, eP, Pb, 10 18 09.9 +0.4, SATY, 3.9nm,0.3s, eS, Sb, 10 18 55.4 +3.6, ARXS, 0.6nm,0.0s, 3.63 269, eP, Sg, 10 18 13.2 +1.4, ARXS, 2.8nm,0.1s, eS, Pb, 10 19 01.3 -3.2

KRNET 27 10:38:36.7,0.1,39.92N;77.69E,h12km,mb3.7,
IDC 27 10:38:36.4,0.9,40.02N;77.55E,h0km,ML3.6/2,
mb1 3.5/3,mb1mx3.1/34,mbtm3.4/3,ML2.9/1,Error
ellipse: s-maj=29.7km s-min=6.8km az=119.0
NNC 27 10:38:44.0,1.5,40.17N;77.52E,h0km,mb4.2,mpv4.0,
Error ellipse: s-maj=10.3km s-min=7.9km az=165.0
SOME 27 10:38:44.1,40.22N;77.37E,h10km
ISC 27 10:38:36.4,2.1,39.95N;0.07x77.55E;0.03,h3km;13km,
n69,r188/100,22C-7D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, TARG, Taragay, Kyrgy, 1.79, 611P, Pg, 10 39 10.8 0.0, TARG, baz=3.0, 11S, Sg, 10 39 35.4 +1.3, KDJ, Kajsay, 2.20 353, 11eP, Pb, 10 39 17.3 +0.3, KDJ, baz=51, 11eS, Sb, 10 39 46.5 +1.7, ULHL, Ulahol, 2.50 337, P, Pb, 10 39 24.2 +2.0, ULHL, SNR=11, 2.50 337, 11P, Pb, 10 39 21.9 -0.3, ULHL, baz=35, 11P, Pb, 10 39 54.4 +1.0, PRZ, Przheval'sk, 2.62 14, 11P, Pb, 10 39 22.9 -1.2, PRZ, baz=12, 11S, Sb, 10 39 56.2 -0.6, BOOM, Boomskeye usch, 2.82 335, 11P, Pb, 10 39 26.3 -1.2, BOOM, baz=33, 11S, Sb, 10 40 02.0 -0.5, ANVS, Anan'yevoy, 2.84 21, 11P, Pb, 10 40 16.6 -0.2, ANVS, baz=60, 11S, Sb, 10 40 01.7 -1.4, ARLS, Aral, 3.10 309, 11P, Pb, 10 39 30.5 -1.9, ARLS, baz=8.0, 11S, Sb, 10 40 09.3 -1.4, TNSS, Tian-Shan, 3.12 352, eP, Sg, 10 39 38.1 +1.8, TNSS, 73nm,0.1s, eS, Sg, 10 40 16.6 -0.2, TNSS, 46nm,0.8s, 3.12 352, 11Pg, Pb, 10 39 38.1 +1.8, TNSS, 73nm,0.1s, Lg, Lg, 10 40 16.6, IZV, Izvestkoviy, 3.17 348, eP, Pb, 10 39 38.8 +1.7, IZV, 44nm,0.5s, eS, Sg, 10 40 18.2 0.0, IZV, 101nm,0.4s, 3.17 348, 11Pg, Pb, 10 39 38.8 +1.7, IZV, 44nm,0.5s, Lg, Lg, 10 40 18.2, SATY, Saty, 3.18 11, eP, Pg, 10 39 38.5 +1.2, SATY, 74nm,0.6s, eS, Sg, 10 40 16.9 -1.6, SATY, 70nm,0.7s, 3.18 11, 11Pg, Pb, 10 39 38.5 +1.2, SATY, 74nm,0.6s, Lg, Lg, 10 40 16.9, UCH, Uchter, 3.23 316, P, Pb, 10 39 33.5 -1.2, UCH, SNR=32, 3.23 316, 11P, Pn, 10 39 32.3 +3.8, UCH, baz=15, eS, Sb, 10 40 12.6 -2.1, MDOK, Medeo, 3.24 354, eP, Pg, 10 39 40.5 +2.1, MDOK, 51nm,0.5s, eS, Sg, 10 40 20.5 +0.1, MDOK, 133nm,0.2s, 3.24 354, 11Pg, Pb, 10 39 37.0 +2.3, MDOK, 76nm,0.9s, Lg, Lg, 10 40 20.1, MDOK, 111nm,0.6s, 3.24 354, 11Pg, Pb, 10 39 40.5 +2.1, MDOK, 51nm,0.5s, Lg, Lg, 10 40 20.5, MTBS, Matube, 3.29 346, eP, Pg, 10 39 41.4 +1.9, MTBS, 26nm,0.3s, eS, Sg, 10 40 21.8 -0.3, MTBS, 63nm,0.3s, 3.29 346, 11Pg, Pb, 10 39 41.3 +1.9, MTBS, 26nm,0.3s, Lg, Lg, 10 40 21.8, KNDC, Almaty, 3.30 353, 11Pg, Pb, 10 39 39.0 -0.7, KNDC, 64nm,0.5s, 11Lg, Lg, 10 40 24.0, KOTS, Kotyrbulak, 3.30 355, eP, Sg, 10 39 41.5 +1.8, KOTS, 253nm,0.7s, 48nm,0.9s, eS, Pb, 10 40 21.8 -0.8, KOTS, 117nm,0.4s, 3.30 355, 11Pg, Pb, 10 39 41.5 +1.8, KOTS, 48nm,0.9s, Lg, Lg, 10 40 21.8, TKM2, Tokmak 2, 3.31 334, P, Pb, 10 39 34.8 -1.2, TKM2, SNR=14, 3.31 334, 11Pg, Pb, 10 39 37.5 +1.5

2015 DEC

Table with columns: TKM2, 28nm,1.2s, 11Lg, Lg, 10 40 24.2, TKM2, Tokmak 2, 3.31 334, 11eP, Pb, 10 39 33.2 -2.8, TKM2, baz=33, 11eS, Sg, 10 40 14.1 -2.7, KST, Kastek, 3.31 340, eP, Pg, 10 39 42.2 +2.2, KST, 28nm,0.0s, eS, Sg, 10 40 23.4 +0.5, KST, 51nm,0.3s, 3.31 340, 11Pg, Pg, 10 39 42.2 +2.2, KST, 28nm,0.0s, Lg, Lg, 10 40 23.4, KBK, Karagaybulak, 3.34 325, P, Pb, 10 39 39.3 +2.8, KBK, SNR=14, 3.34 325, 11eP, Pb, 10 39 33.8 -2.7, KBK, Karagaybulak, 3.34 325, 11S, Sb, 10 40 15.0 -2.6, UZB, Uzynbulak, 3.39 19, eP, Sg, 10 39 42.0 +0.7, UZB, 15nm,0.0s, eS, Pg, 10 40 22.7 -2.5, UZB, 38nm,0.2s, 3.39 19, 11Pg, Pg, 10 39 42.0 +0.7, UZB, 15nm,0.0s, Lg, Lg, 10 40 22.7, SHLS, Shalkode, 3.52 24, eP, Sg, 10 39 47.3 +3.5, SHLS, 23nm,0.6s, eS, Sg, 10 40 31.9 +2.4, SHLS, 64nm,0.1s, 3.52 24, 11Pg, Pg, 10 39 47.3 +3.5, SHLS, 23nm,0.6s, Lg, Lg, 10 40 31.9, SHLS, 64nm,0.1s, 3.52 24, 11Pg, Pg, 10 39 47.3 +3.5, SHLS, 23nm,0.6s, Lg, Lg, 10 40 31.9, AAK, Ala-Archa, 3.54 320, 11Pg, Pg, 10 39 43.9 -0.3, AAK, 13nm,0.7s, 11Lg, Lg, 10 40 30.4, DGS, Degeres, 3.55 339, eP, Pb, 10 39 46.1 +1.6, DGS, 19nm,0.4s, eS, Sg, 10 40 30.2 -0.4, DGS, 47nm,0.6s, 3.55 339, 11Pg, Pg, 10 39 46.1 +1.6, DGS, 19nm,0.4s, Lg, Lg, 10 40 30.2, KPKS, Kokpek, 3.62 13, eP, Pg, 10 39 46.3 +0.5, KPKS, 38nm,0.5s, eS, Sg, 10 40 30.3 -2.4, AML, Almayashu, 3.64 308, P, Pb, 10 39 39.6 -2.0, CHMS, Chumysh, 3.70 326, P, Pb, 10 39 40.1 -2.4, KTBS, Karatobe, 3.82 351, eP, Sg, 10 39 50.4 +0.8, KTBS, 9.3nm,0.4s, eS, Sg, 10 40 37.1 -2.0, KTBS, 60nm,0.1s, 3.82 351, 11Pg, Pg, 10 39 50.4 +0.8, KTBS, 9.3nm,0.4s, Lg, Lg, 10 40 37.1, EKKS, Erkin-Say, 3.93 315, P, Pb, 10 39 43.9 -2.5, KRBS, Karabatay, 4.00 340, eP, Sg, 10 39 54.0 -1.2, KRBS, 8.8nm,0.5s, eS, Sg, 10 40 43.9 -2.5, KRBS, 32nm,0.7s, 4.00 340, 11Pg, Pg, 10 39 54.0 +1.0, KRBS, 8.8nm,0.5s, Lg, Lg, 10 40 43.7, USP, Ospenovka, 4.03 326, P, Pg, 10 39 54.4 +0.8, USP, SNR=11, 4.05 348, eP, Pg, 10 39 54.3 +0.3, KUU, Kurty, eS, Sg, 10 40 43.9 -2.5, KUU, 45nm,1.1s, 4.05 348, 11Pg, Pg, 10 39 54.3 +0.3, KUU, 13nm,0.8s, Lg, Lg, 10 40 43.9, KTMS, Ketmen, 4.08 30, eP, Sg, 10 39 55.2 +0.6, KTMS, 12nm,0.5s, eS, Sg, 10 40 45.2 -2.3, KTMS, 23nm,0.8s, 4.08 30, 11Pg, Pg, 10 39 55.2 +0.6, KTMS, 12nm,0.5s, Lg, Lg, 10 40 45.2, BLB, Baldybastay, 4.21 9, 11Pg, Pg, 10 39 57.3 +0.2, BLB, 59nm,0.2s, Lg, Lg, 10 40 49.3, ARXS, Arharly, 4.27 3, eP, Pg, 10 39 58.7 +0.4, ARXS, 11nm,0.5s, eS, Sg, 10 40 51.4 -2.2, ARXS, 36nm,1.4s, 4.27 3, 11Pg, Pg, 10 39 58.7 +0.4, ARXS, 11nm,0.5s, Lg, Lg, 10 40 51.4, MRKS, Merke, 4.29 312, eP, Pb, 10 39 57.0 +4.4, MRKS, 7.9nm,0.5s, eS, Sb, 10 40 48.9 +4.1, MRKS, 20nm,0.5s, 4.29 312, 11Pg, Pb, 10 39 57.0 +4.4, MRKS, 7.9nm,0.5s, Lg, Lg, 10 40 48.9, MRKS, 20nm,0.5s, 4.58 15, 11Pg, Pb, 10 40 40.1 0.0, KNOS, Konyrien, Lg, Lg, 10 41 01.4, DJR, Jarkent, 4.69 20, eP, Pg, 10 40 05.2 -1.1, DJR, 17nm,0.3s, eS, Sg, 10 41 02.5 -4.5, DJR, 4.7nm,0.4s, 4.69 20, 11Pg, Pg, 10 40 05.2 -1.1, DJR, 17nm,0.3s, Lg, Lg, 10 41 02.5, KAPS, Kapalarasan, 5.50 13, eP, Pg, 10 40 22.8 +1.0, KAPS, 13nm,1.0s, eS, Sg, 10 41 32.7 -0.4, KAPS, 14nm,0.7s, 5.50 13, 11Pg, Pg, 10 40 22.8 +1.0, KAPS, 13nm,1.0s, Lg, Lg, 10 41 32.7, BTLS, Baital, 5.71 334, eP, Pg, 10 40 24.4 -1.5, BTLS, 6.6nm,0.1s, eS, Sg, 10 41 36.1 -3.7, BTLS, 12nm,0.7s, 5.71 334, 11Pg, Pg, 10 40 24.4 -1.5, BTLS, 6.6nm,0.1s, Lg, Lg, 10 41 36.1, KK09, Karatay Array, 6.17 303, 11Pg, Pg, 10 40 33.3 -1.3, KK09, 2.1nm,0.7s,baz=124,slow=14, 11Lg, Lg, 10 41 52.5, BRLL, Borolday, 6.56 301, eP, Pg, 10 40 42.2 +0.2, BRLL, 1.1nm,0.1s, eS, Sg, 10 40 42.5 -1.1, BRLL, 4.9nm,0.4s, 6.56 301, 11Pg, Pg, 10 40 42.2 +0.2, BRLL, 1.1nm,0.1s, Lg, Lg, 10 42 05.9, MKAR, Makanchi Array, 7.67 25, 11Pg, Pb, 10 40 30.5 +1.4, MKAR, 0.2nm,0.3s,baz=207,slow=12,SNR=6.9, Lg, Lg, 10 42 36.6, TORD, Torodi Ar. Bea, 7.88 271, P, P, 10 49 54.6 -0.5, ASAR, Alice Springs, 8.23 130, P, P, 10 50 58.2 -1.0, ASAR, 0.3nm,0.8s,baz=322,slow=5.9,SNR=1.6

NEIC 27 10:39:56.1,2.5,19.98S;0.08;69.08W;0.08,h107km,6km,
mb4.0/5,ML3.9(GUC),Error ellipse: s-maj=12.8km
s-min=8.6km az=219.0
GUC 27 10:39:56.9,0.8,19.98S;69.07W,h105km,3km,ML3.9

1288

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IDC 27 10:39:56.5,2.5,19.96S;68.80W,h111km,22km,mb3.5/6,
mb1 3.7/8,mb1mx3.5/22,mbtm3.4/8,Error ellipse:
s-maj=40.4km s-min=17.1km az=115.0
ISC 27 10:39:55.7,0.7,19.93S;0.04;69.08W;0.07,h108km,6km,
n32,r111/46,mb4.0/6,4C,Northern Chile
Code Station Name Az Phase ID Time Res
PB08 IPOC Station P 0.22 199, 11P, Pn, 10 40 11.8 +0.3
PB08 IPOC Station P 0.57 287, 11P, Pn, 10 40 13.2 +0.1
PB08 IPOC Station P 1.05 251, 11P, Pn, 10 40 26.1 +0.1
PB11 IPOC Station P 0.57 287, 11P, Pn, 10 40 13.2 +0.1
TA02 Huaiquique 1.05 251, 11P, Pn, 10 40 17.4 +0.2
TA02 IPOC Station P 1.17 199, 11P, Pn, 10 40 17.0 +0.2
TA02 IPOC Station P 1.17 199, 11P, Pn, 10 40 33.9 +0.3
TA02 IPOC Station P 1.17 199, 11P, Pn, 10 40 34.8
TA02 IPOC Station P 1.17 199, 11P, Pn, 10 40 17.4 +0.2
PB01 IPOC Station P 1.17 199, 11P, Pn, 10 40 17.0 +0.2
PB01 IPOC Station P 1.17 199, 11P, Pn, 10 40 33.9 +0.3
TA01 Diego Aracana 1.22 238, 11P, Pn, 10 40 18.9 -0.2
TA01 IPOC Station P 1.76 318, 11P, Pn, 10 40 36.0 -0.8
PB12 IPOC Station P 1.76 318, 11P, Pn, 10 40 26.2 +0.4
PB12 IPOC Station P 1.76 318, 11P, Pn, 10 40 48.5 +0.1
PB12 IPOC Station P 1.76 318, 11P, Pn, 10 40 55.2
PB09 IPOC Station P 1.86 185, eP, Pn, 10 40 27.7 +0.6
PB09 IPOC Station P 1.86 185, eP, Pn, 10 40 15.5 +0.5
PB09 IPOC Station P 1.86 185, eP, Pn, 10 40 59.7
PB07 IPOC Station P 1.94 203, 11P, Pn, 10 40 28.1 0.0
PB07 IPOC Station P 1.94 203, 11P, Pn, 10 40 52.0 -0.7
PB07 IPOC Station P 1.94 203, 11P, Pn, 10 40 56.3
PB03 IPOC Station P 2.20 197, eP, Pn, 10 40 31.3 -0.1
PB03 IPOC Station P 2.20 197, eP, Pn, 10 40 57.3 -1.4
PB03 IPOC Station P 2.20 197, eP, Pn, 10 41 03.3
PB04 IPOC Station P 2.59 203, eP, Pn, 10 40 36.6 +0.1
PB04 IPOC Station P 2.59 203, eP, Pn, 10 41 05.0 -2.8
PB04 IPOC Station P 2.59 203, eP, Pn, 10 41 29.0
LVC Limon Verde 2.67 177, P, Pn, 10 40 40.1 +2.4
LVC Limon Verde 2.67 177, P, Pn, 10 41 10.1 +0.2
LVC Limon Verde 2.67 177, P, Pn, 10 40 39.0 +1.4
LVC Limon Verde 2.67 177, P, Pn, 10 40 39.1 +0.2
LVC Limon Verde 2.67 177, P, Pn, 10 40 39.1 +1.4
PB06 IPOC Station P 2.80 189, eP, Pn, 10 40 39.2 0.0
PB06 IPOC Station P 2.80 189, eP, Pn, 10 41 10.1 -2.5
PB06 IPOC Station P 2.80 189, eP, Pn, 10 41 21.6
PB05 IPOC Station P 3.09 200, eP, Pn, 10 40 42.6 -0.4
PB05 IPOC Station P 3.09 200, eP, Pn, 10 41 31.1
AC02 Maricunga 6.87 180, Pn, Pn, 10 41 34.1 -0.3
SIV San Ignacio 8.56 64, Pn, Pn, 10 41 55.3 -1.7
ETMB Extrema 10.43 16, Pn, Pn, 10 42 22.1 -0.1
BDFB Brasilia 20.50 8, Pn, Pn, 10 44 24.7 -0.8
PLCA Paso Flores 20.77 183, P, P, 10 44 28.9 +0.7
PLCA Paso Flores 20.77 183, P, P, 10 44 28.9 +0.7
PTGA Pitinga 21.06 26, P, P, 10 44 29.5 -1.9
BOAV Boa Vista 22.22 22, Iamb, Iamb, 10 44 57.7 -0.4
BOAV Boa Vista 22.22 22, Iamb, Iamb, 10 45 24.0
DBIC Dimbokro 68.45 74, P, P, 10 50 45.2 -1.4
DBIC Dimbokro 68.45 74, P, P, 10 50 45.7 -1.0
DBIC Dimbokro 68.45 74, P, P, 10 50 58.7 +1.6
GSPA Santo Pole Qui 70.25 180, P, P, 10 51 17.1
TORD Torodi Ar. Bea 76.98 71, P, P, 10 51 36.2 -1.0
TORD Torodi Ar. Bea 76.98 71, P, P, 10 51 36.4 -0.7
TORD Torodi Ar. Bea 76.98 71, P, P, 10 51 39.0
YKA Yellowknife Ar 89.66 341, P, P, 10 52 43.9 +1.9
YKA Yellowknife Ar 89.66 341, P, P, 10 53 10.5 +0.2
IDC 27 10:50:53.6,5.6,1.8,28S;114.97E,h0km,mb3.6/3,
mb1 3.9/4,mb1mx3.3/35,mbtm3.7/4,ML3.4/1,Error
ellipse: s-maj=186.2km s-min=86.2km az=38.0
DJA 27 10:51:16.9,0.3,9.5S;6.1x11.6E,h80km,4km,ML3.7/13,
mb3.7/3,MLV3.6/13
ISC 27 10:51:15.4,1.0,8.9S;0.1x11.6E;0.05,h100km,n17,
r1910/20,Sumbawa region
Code Station Name Az Phase ID Time Res
TWSI Taliwang, Sumb 0.81 78, Op, Pn, 10 51 47.4 -0.3
TWSI Taliwang, Sumb 0.81 78, Op, Pn, 10 51 47.4 -0.3
DNP Denpasar 0.89 284, P, Pn, 10 51 35.2 +0.5
IGBI Denpasar 0.93 275, P, Pn, 10 51 36.4 +1.3
IGBI Denpasar 0.93 275, P, Pn, 10 51 36.4 +1.3
SREI Singaraja 1.18 313, P, Pn, 10 51 49.9 0.0
JAGI Jajag, Banyuw 1.96 283, P, Pn, 10 51 37.9 +0.1
ABJI Asem Bagus 2.13 301, P, Pn, 10 51 50.1 +0.4
GMJI Gumukmas 2.68 283, P, Pn, 10 51 57.0 +0.1
BLJI Banyuwilugur 2.72 295, P, Pn, 10 51 57.0 -0.4
WBSI Waikabuban, Su 3.35 103, P, Pn, 10 52 06.7 +0.8
PCJI Paitan 4.90 278, P, Pn, 10 52 27.7 +0.9
BSSI Bau Bau, Buton 5.16 58, P, Pn, 10 52 30.0 -0.3
BKSI Bulukumba 5.36 49, P, Pn, 10 52 32.8 -0.2
EDFI Ende, Flores 5.54 89, P, Pn, 10 52 36.2 +0.5
FITZ Fitzroy Crossi 13.03 136, Pn, Pn, 10 54 16.4 -0.4
FITZ Fitzroy Crossi 13.03 136, Pn, Pn, 10 54 16.4 -0.4
WRA Warramunga Arr 20.79 124, P, P, 10 55 49.1 +0.4
ASAR Alice Springs 22.50 133, P, P, 10 56 07.2 +0.2
STKA Stephens Creek 32.91 138, P, P, 10 57 41.6 +1.3
STKA Stephens Creek 32.91 138, P, P, 10 57 41.6 +1.3
SJA 27 10:57:24.3,1.7,31.74S;72.19W,h15km,ML4.0,MWA.2
GUC 27 10:57:27.6,0.7,31.70S;72.02W,h42km,5km,ML4.1
NEIC 27 10:57:28.9,1.3,31.68S;72.05W,h23km,Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr:3.9;
Mss:0.16; Mss:1.55; Mss:0.28; Mss:0.03; Mss:0.25; Fault
plane solution: M1:52000x10^15; M2:168x35000x
85094000; 1.74.530000; NP2:13.060000; 841.560000;
1.08.190000; Principal axes: T 1.4690,Plg77.0000;
AzM22.0000; N 0.1018,Plg12.0000; AzM179.0000; P
-1.5709,Plg5.0000; AzM270.0000;
NEIC 27 10:57:28.9,1.3,31.68S;0.04;72.1W;0.2,h35km,2km,
mb4.4/6,Mw4.1/46,ML4.1(GUC) Error ellipse:
s-maj=32.3km s-min=6.0km az=277.0
IDC 27 10:57:29.0,0.9,31.70S;71.81W,h28km,5km,mb3.9/7,
mb1 3.9/9,mb1mx3.8/28,mbtm3.4/9,ML3.7/2,MS3.3/4,
Ms1 3.4/4,ms1mx3.1/17,Error ellipse: s-maj=30.8km
s-min=22.8km az=73.0
ISC 27 10:57:27.4,0.8,31.89S;0.03;72.28W;0.06,h26km,5km,
n87,r135/100,mb4.2/9,8C-1D,Off coast of central
Chile
Code Station Name Az Phase ID Time Res
CO06 Fray Jorge 1.15 29, 11P, Pn, 10 57 46.6 -1.2
CO06 Fray Jorge 1.15 29, 11P, Pn, 10 57 46.6 -1.2
CO06 Fray Jorge 1.15 29, 11P, Pn, 10 57 46.6 -1.2
VA01 Torpederas 1.43 158, eP, Sg, 10 57 51.1 -0.6
VA01 Torpederas 1.43 158, eP, Sg, 10 57 51.1 -0.6

27d 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR Makanchi Array, KLIMR Klimovskoe, ZALV Zalesovo Beam, etc.

IDC 27 11:34:19.1±1.7, 47N, 91.80E, h0km, mb4.0/8, mb1 4.2/10, mb1mx3.8/5.1, mbtmp4.1/10, ML4.5/2, MS2.9/2, Ms1 2.9/2, ms1mx2.5/4.2, Error ellipse: s-maj=36.0km s-min=17.8km az=58.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PBA Port Blair, DGPR DIGLIPUR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KULM Kulim, IPM Ipoh, PALK Palkekele, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, GEYT Alibeck, KURBB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

IDC 27 11:48:30.6±2.2, 7.68S, 129.92E, h59km, 20km, mb3.7/4, mb1 3.7/8, mb1mx3.4/3.1, mbtmp3.7/8, ML3.3/4, Error ellipse: s-maj=51.4km s-min=21.3km az=83.0

2015 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

SOF 27 11:53:07.6, 40.43N, 26.10E, h18km, MD2.5 DDA 27 11:53:07.5, 40.42N, 26.15E, h20km, 2km, ML2.4 ATH 27 11:53:08.6, 40.46N, 26.08E, h31km, 6km, ML2.2/0, Error ellipse: s-maj=6.1km s-min=1.3km az=348.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CAVK Edirne/Enez-Ca, GOKA anakkale-Gto, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GADA Gvikegada, ENEZ Enez, ERIK Eriki-Kesan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SMTH Samothraki Is, SMTH Samothraki Isl, ALN Alexandroupoli, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ALN Alexandroupoli, LPK Lapseki, KESN Edirne-Kesan, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOZC Bozcaada, EZN Ezine, BAYC CANAKKALE Bay, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UKOP Uzunkopru-Edir, RDO Rodhopi, RDO Rodhopi, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LIA Limnos Island, LIA Limnos Island, LIA Limnos Island, etc.

1290

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BUHA BUHA, PRK Parakevi, PRK Parakevi, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DIM Dimitrovgrad, VIZE Vize, VIZE Vize, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARMN Kırkireli, NVR Nevrokopi, NVR Nevrokopi, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLG Polygyros, PLG Polygyros, VTS Vitoshka, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI Fak Fak, SIJI Sorong, SIJI Sorong, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DRD Darwin Rock St, MTN Mantion Dam, KDU Kadadu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GENI Genyem, WRAP Tenanti Creek, WRA Warramunga Arr, etc.

SLA	eS	IAML	S	12 30 00.2 +1.4
SLA				12 30 03.5
comp=Z.489nm,1.1s				
LVC	2.01 286	P	Pn	12 29 31.0 +1.2
comp=Z.178nm,0.3s,baz=103,slow=9,SNR=1293				
LVC		S	S	12 30 01.0 +0.8
comp=Z.138nm,0.3s,baz=270,slow=19,SNR=19				
LVC	2.01 286	I/P	Pn	12 29 30.9 +1.2
LVC		eS	S	12 30 00.9 +0.8
LVC	2.01 286	eS	Pn	12 29 31.2 +1.3
LVC	2.01 286	eS	Pn	12 29 31.1 +1.3
LVC	2.01 286	eP	Pn	12 29 31.0 +1.2
LVC		S	S	12 30 04.8 +4.6
LVC		IAML	S	12 30 08.2
comp=Z.288nm,0.3s				
ASTB	2.30 110	eP	Pn	12 29 32.7 +0.2
ASTB		IAML	S	12 30 08.0
comp=Z.35nm,0.6s				
PB15	2.44 269	I/P	Pn	12 29 35.4 +1.3
PB15		eS	S	12 30 09.2 +1.3
PB15	2.44 269	eS	Pn	12 29 35.3 +1.1
PB06	2.58 280	I/P	Pn	12 29 36.6 +0.9
PB06		eS	S	12 30 11.0 +0.4
PB06		IAML	S	12 30 13.6
comp=E.3um,0.1s				
PB06	2.58 280	eP	Pn	12 29 36.7 +1.1
PB06		eS	S	12 30 11.7 +1.0
PB06		IAML	S	12 30 14.4
comp=Z.1um,0.1s				
PB09	2.63 301	I/P	Pn	12 29 37.7 +1.4
PB09		eS	S	12 30 12.7 +1.1
PB09		IAML	S	12 30 15.3
comp=E.2um,0.5s				
PB09	2.63 301	eP	Pn	12 29 36.4 +0.1
PB09		eS	S	12 30 13.1 +1.5
PB09		IAML	S	12 30 14.7
comp=Z.2um,0.7s				
ALOL	2.68 104	eP	Pn	12 29 36.3 -0.3
ALOL		eS	S	12 30 11.2 -1.2
ALOL	2.94 292	I/P	Pn	12 29 40.3 +0.6
ALOL		I/S	S	12 30 17.7 +0.5
ALOL		IAML	S	12 30 19.7
comp=E.6um,0.2s				
PB03	2.94 292	eP	Pn	12 29 40.4 +0.7
PB03		eS	S	12 30 17.8 -0.1
PB03		IAML	S	12 30 20.6
FSA	3.02 166	eP	Pn	12 29 41.7 +1.1
FSA		eS	S	12 30 20.8 +1.1
PB05	3.14 275	I/P	Pn	12 29 42.6 +0.6
PB05		eS	S	12 30 17.4 +0.7
PB05	3.14 275	eP	Pn	12 29 42.8 +0.8
PB05		eS	S	12 30 16.6 -5.4
PB05		IAML	S	12 30 22.3 +0.4
comp=Z.1um,0.4s				
PB07	3.19 296	I/P	Pn	12 29 43.2 +0.6
PB07		eS	S	12 30 22.1 -1.1
PB04	3.19 285	I/P	Pn	12 29 43.3 +0.6
PB04		eS	S	12 30 22.8 -0.3
PB04	3.19 285	eP	Pn	12 29 43.4 +0.7
PB04		IAML	S	12 30 23.6 +0.4
PB04		IAML	S	12 30 25.7
comp=Z.2um,0.1s				
PB01	3.26 310	I/P	Pn	12 29 43.9 +0.4
PB01		eS	S	12 30 24.4 -0.3
PB01	3.26 310	eP	Pn	12 29 44.0 +0.5
PB01		IAML	S	12 30 24.6 -0.1
PB01		IAML	S	12 30 27.7
comp=Z.2um,0.2s				
PB02	3.40 302	I/P	Pn	12 29 45.3 +0.2
PB02		eS	S	12 30 21.2 -0.6
PB10	3.45 264	I/P	Pn	12 29 46.5 +0.9
PB10		eS	S	12 30 27.2 -1.3
PB10	3.45 264	eP	Pn	12 29 46.4 +0.8
PB10		IAML	S	12 30 29.0 +0.5
PB10		IAML	S	12 30 31.2
comp=Z.602nm,0.4s				
PB14	3.58 246	I/P	Pn	12 29 48.2 +0.7
PB14		eS	S	12 30 31.1 -0.8
PB14	3.58 246	eP	Pn	12 29 48.5 +1.0
PB14		IAML	S	12 30 32.4 +0.4
PB14		IAML	S	12 30 37.1
comp=Z.991nm,0.4s				
PB08	3.72 324	I/P	Pn	12 29 50.5 +1.2
PB08		eS	S	12 30 35.3 +0.2
AHML	3.83 160	eP	Pn	12 29 50.7 +0.4
AHML		eS	S	12 30 36.6 -0.4
AHML		IAML	S	12 30 45.8
comp=Z.46nm,0.8s				
TA01	4.07 309	I/P	Pn	12 29 52.2 -0.8
TA01		eS	S	12 30 39.5 -2.6
TA01	4.07 309	eP	Pn	12 29 52.0 -0.6
AC02	4.20 209	Pn	Pn	12 29 55.8 +0.6
TA02	4.23 313	eP	Pn	12 29 55.0 -0.1
TA02		eS	S	12 30 43.3 -2.4
PB11	4.31 322	eP	Pn	12 29 55.6 -0.7
PB11		eS	S	12 30 45.5 -2.4
GO03	5.37 214	eP	Pn	12 30 08.6 -1.0
GO03	5.37 214	eP	Pn	12 30 09.1 -0.5
GO03	5.37 214	eS	S	12 31 09.8 -2.3
PB16	5.44 332	eP	Pn	12 30 11.1 0.0
PB16		eS	S	12 31 09.8 -4.6
PB16	5.44 332	eP	Pn	12 30 11.0 0.0
PB16		eS	S	12 30 11.7 +0.7
PB16		IAML	S	12 31 12.6 -1.9
PB16		IAML	S	12 31 17.9
comp=Z.159nm,0.5s				
PB12	5.60 324	eP	Pn	12 30 10.9 -1.7
PB12		eS	S	12 31 10.9 -6.7
PB12	5.60 324	eP	Pn	12 30 11.0 -1.7
PB12		eS	S	12 30 11.2 -1.4
PB12		eS	S	12 31 13.9 -3.6
PB12		IAML	S	12 31 17.5
comp=Z.258nm,0.4s				
VCA	5.67 192	eP	Pn	12 30 15.1 +1.6
VCA		eS	S	12 31 16.6 -2.7
VCA		IAML	S	12 31 31.3
comp=Z.50nm,2.1s				
ACLC	6.22 181	eP	Pn	12 30 20.8 +0.2
ACLC		eS	S	12 31 31.8 +0.3
ACLC		IAML	S	12 31 33.7
comp=Z.36nm,0.6s				
AC04	6.31 217	eP	Pn	12 30 19.6 -1.9
AC04		eS	S	12 31 26.9 -6.8
AC04	6.31 217	Pn	Pn	12 30 20.2 -1.2
AC04	6.78 210	Pn	Pn	12 30 26.1 -1.7
LCO	6.78 210	eP	Pn	12 30 26.0 -1.8
LCO		IAML	S	12 31 49.0
comp=Z.1um,0.6s				
LPAZ	6.97 350	eP	Pn	12 30 29.9 -0.8
LPAZ	6.97 350	Pn	Pn	12 30 31.0 +0.2
APLL	7.19 178	eP	Pn	12 30 32.4 -0.6
APLL		eS	S	12 30 32.5 -0.5
APLL		eS	S	12 31 50.0 -4.7
AROD	7.35 198	eP	Pn	12 30 36.2 +0.9
AROD		eS	S	12 30 36.3 +0.9
AROD		eS	S	12 30 36.4 +1.0
AROD		eS	S	12 31 53.0 -5.9
AVFE	7.47 184	eP	Pn	12 30 36.0 -0.6
AVFE		eS	S	12 31 57.5 -3.9
AVFE		IAML	S	12 31 59.4
comp=Z.20nm,0.6s				
ACCO	7.65 195	eP	Pn	12 30 39.8 +0.6
ACCO		eS	S	12 32 05.5 -0.4
ACCO		IAML	S	12 32 09.6
comp=Z.44nm,0.5s				
CO05	7.79 210	Pn	Pn	12 30 38.4 -2.3
GO04	7.82 206	Pn	Pn	12 30 39.6 -1.7
CO04	8.37 204	eP	Pn	12 30 48.2 -0.1
R03C	8.78 190	eP	Pn	12 30 53.2 -0.4
San Ignacio	8.97 38	P	P	12 30 53.0 -3.1
SIV	9.18 112	P	P	12 30 56.0 -2.7
CPUP	9.18 112	P	P	12 30 57.5 -1.2
CPUP	9.18 112	P	P	12 30 56.8 -1.8
MRA	9.26 174	eP	Pn	12 30 58.6 -1.2
AUSP	9.29 194	eP	Pn	12 31 00.9 +0.5
AUSP		eP	Pn	12 31 00.9 +0.5
ASAL	9.54 190	eP	Pn	12 31 03.4 -0.1
VA03	10.10 198	Pn	Pn	12 31 10.7 0.0

PTLB	10.57	45	eP	Pn	12 31 14.7 -1.9
PTLB	10.57	45	eP	Pn	12 31 15.1 -1.6
AQDB	10.67	78	eP	Pn	12 31 16.3 -1.7
AQDB	10.67	78	eP	Pn	12 31 17.8 -0.2
MT02	10.74	200	Pn	Pn	12 31 17.8 -1.0
MT09	11.18	127	Pn	Pn	12 31 23.4 -0.4
IT0B	11.19	127	Pn	Pn	12 31 23.9 -0.6
IT0B	11.19	127	Pn	Pn	12 31 23.4 -1.1
ROA	11.64	187	eP	Pn	12 31 29.6 -0.7
RFA1	11.78	198	eP	Pn	12 31 32.7 +0.6
WILB	11.96	33	eP	Pn	12 31 32.6 -1.9
WILB	11.96	33	eP	Pn	12 31 33.3 -0.7
PP1B	12.49	66	eP	Pn	12 31 39.0 -2.2
SALV	12.74	57	eP	Pn	12 31 42.8 -1.5
MLO2	13.16	197	Pn	Pn	12 31 49.3 -0.1
ETMB	13.30	3	eP	Pn	12 31 50.7 -0.6
ETMB	13.30	3	eP	Pn	12 31 50.4 -0.6
ITAB	13.89	110	P	P	12 32 00.8 -0.6
ITAB	13.89	110	P	P	12 32 00.2 -0.2
CP5B	14.94	124	eP	Pn	12 31 58.7 -0.4
PCMB	14.47	87	eP	Pn	12 32 05.0 -0.8
PLTB	14.50	129	eP	Pn	12 32 04.6 -1.4
PLTB	14.50	129	eP	Pn	12 32 07.6 +0.5
NNA	14.66	318	P	P	12 32 09.8 +0.8
comp=Z.1.5nm,0.3s,baz=129,slow=5.1,SNR=4.8					
PDRB	14.99	42	eP	Pn	12 32 12.0 -0.2
ITRB	15.71	80	eP	Pn	12 32 20.0 -0.5
ERTB	15.85	84	eP	Pn	12 32 20.0 -0.5
ARAG	15.98	65	eP	Pn	12 32 23.0 -0.5
CLDB	16.48	43	eP	Pn	12 32 24.2 -1.0
TJ01	16.39	101	eP	Pn	12 32 28.0 -0.1
TER01	16.79	112	eP	Pn	12 32 32.3 0.0
BB19B	17.08	86	eP	Pn	12 32 35.3 -0.3
PLCA	17.78	189	P	P	12 32 44.5 -0.7
comp=Z.0.3nm,0.3s,baz=7.5,slow=13,SNR=11					
PLCA	17.78	189	eP	Pn	12 32 45.3 0.0
PLCA	17.78	189	P	P	12 32 44.1 +0.9
RCLB	17.80	91	eP	Pn	12 32 43.0 -0.5
SP1B	17.80	91	eP	Pn	12 32 43.0 -0.5
PCT01	17.93	97	eP	Pn	12 32 44.4 -0.4
IPMB	18.17	77	eP	Pn	12 32 47.0 -0.6
VAO	18.27	93	eP	Pn	12 32 47.8 -0.8
LL04	18.29	194	Pn	Pn	12 32 49.9 -1.3
SNDB	18.50	56	eP	Pn	12 32 50.6 -1.5
TBTG	18.12	351	eP	Pn	12 32 58.6 +0.8
BDFB	19.24	70	P	P	12 32 58.5 -0.8
comp=Z.3.5nm,0.3s,baz=240,slow=11,SNR=5.1					
BDFB	19.24	70	P	P	12 32 58.7 -0.5
ATAH	19.45	323	P	P	12 33 04.2 -1.4
comp=Z.6.9nm,0.3s,baz=198,slow=6.3,SNR=5.5					
NPGB	19.46	36	eP	Pn	12 32 58.7 -2.8
PARB	19.48	95	eP	Pn	12 33 00.9 -0.7
BSCB	20.54	88	eP	Pn	12 33 13.0 -0.1
MACA	20.77	18	eP	Pn	12 33 13.9 -1.4
MACA	20.77	18	eP	Pn	12 33 13.1 -2.3
PEXB	20.77	61	eP	Pn	12 33 13.7 -1.8
ITTB	21.55	31	eP	Pn	12 33 20.9 -2.6
VAS01	21.58	92	eP	Pn	12 33 23.3 -0.2
DIAM	22.17	82	eP	Pn	12 33 28.9 -0.9
MC01	22.43	77	eP	Pn	12 33 30.6 -1.5
DUB0	22.58	92	eP	Pn	12 33 30.7 +0.6
JANB	22.73	73	eP	Pn	12 33 32.7 -1.9
CAM01	23.28	92	eP	Pn	12 33 38.8 -0.7
SMTB	23.28	55	eP	Pn	12 33 38.3 -1.3
PTGA	23.29	18	P	P	12 33 38.8 -0.8
comp=Z.8.9nm,0.6s,baz=198,slow=14.4,SNR=14.4					
SDBA	23.42	67	eP	Pn	12 33 39.5 -1.4
PRPB	23.54	47	eP	Pn	12 33 40.5 -1.5
ALF01	23.83	89	eP	Pn	12 33 48.6 -0.6
SJMB	24.34	84	eP	Pn	12 33 48.2 -1.0
MALB	24.34	84	eP	Pn	12 33 48.2 -1.0
BSFB	24.61	32	eP	Pn	12 33 50.5 -1.2
RIB01	24.91	86	eP	Pn	12 33 53.2 -1.1
OTAV	25.88	332	eP	Pn	12 34 04.5 +0.8

27d 13h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AP01, PB10, YJA, HJA, AZAP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, URZ, MKAR.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBSI, TWSI, IGBI, SRBI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF, RAR, ARMA, CTAA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GCO2, KAN14, KAN05, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QUOK, OKC31, OKC0K, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TUL1, X34A, WMOK, KSU1, etc.

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

1292

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, JNU Nakatosu, ZALV Zalesovo Beam.

IDC 27 13:58:05.2:48.0, 18:39S:178:98W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/28, mbtmp4.0/3, Error ellipse: s-maj=876.7km s-min=155.1km az=79.0, Fiji Islands region

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

IDC 27 14:29:03.0:1.1, 33:57S:109:72W, h0km, mb4.3/8, mb1 4.4/8, mb1mx4.2/31, mbtmp4.2/8, MS4.0/16, Ms1 4.0/16, ms1mx3.9/28, Error ellipse: s-maj=40.0km s-min=22.7km az=20.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HATJ Hateruma jima, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, YKA Yellowknife Arr.

IDC 27 14:29:05.4:0.7, 33:65S:109:54W, h0km, mb4.0/1, mb1 4.1/1, mb1mx3.8/28, mbtmp4.0/1, Error ellipse: s-maj=87.6km s-min=10.9km az=79.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, PLCA Paso Flores, PLCA Paso Flores, GOON Cerro Castillo, AC02 Maricunga, USHA Ushuaia, TBI Tubuai, NNA Nana, LVC Limon Verde, LVC Limon Verde, TAOE Nuku Hiva Isla, PB09 IPOC Station P, PB01 IPOC Station P, MEH Mehetia, PB11 IPOC Station P, PB12 IPOC Station P, ATAH Atahualpa, PPT2 Papeete2, PPT Papeete, LPAZ La Paz, PMSA Palmer Station, CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, OTAV Otavalo, CPUP Villa Florida, ETMB Extrema, ETMB Extrema, SIV San Ignacio, PTLB Pontes e Lacer, AQDB Aquidauana, VILB Vilhena, VILB Vilhena.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ITAB Concordia, ROSC El Rosal, BOAC BOAC Broadband, SALV Santo Antonio, PCMB Pacemba, ZARC Zaragoza, PDRB Porto das Gac, MOC Monteria, CLDB Colider, ITRB Iturama, MACA Manacapuru-AM, MACA Manacapuru-AM, ARAC Araguaiana, OSPA South Pole Qui.

IDC 27 14:30:45.5:1.4, 31:22S:69:20W, h0km, mb4.0/1, mb1 3.6/2, mb1mx3.5/22, mbtmp3.6/2, ML3.5/1, Error ellipse: s-maj=97.6km s-min=40.6km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VYND Vanda, SNDB Serra Nova Dou, BDFB Brasilia, BDFB Brasilia, UREWA Urewera, VNA3 Neumayer Olymp, SMBT Santa Maria do, VNA1 Neumayer-Stat, JCT Junction City, X18A Snowflake, ANWB Willy Bob, WMOK Wichita Mounta, SHPR Sheep Range, CCUT Cedar City, NV11 Mina Array Sit, NVAR Mina Array Bea, NVAR Mina Array Bea, KVN Kaiserville, P17A Butcher Ranch, ISD Ichu Springs, DZM Mont Dzumac, BMN Battle Mountai, BMN Battle Mountai, ELK Elko, WCI Wyandotte Cave, YBH Yreka Blue Hor, B0W6 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, MCMT Mickleton Canyo, MAW Mawson, SCHO Schefferville, YKA Yellowknife Ar, ASAR Alice Springs, AKASO Malin Arry Bea, SONM Songino Array, SONM Songino Array, BRTR Redskin Array, CMAR Chiang Mai Arr, MKAR Makanchi Arr.

IDC 27 14:30:45.5:1.4, 31:22S:69:20W, h0km, mb4.0/1, mb1 3.6/2, mb1mx3.5/22, mbtmp3.6/2, ML3.5/1, Error ellipse: s-maj=97.6km s-min=40.6km az=116.0

IDC 27 14:56:24.1:1.5, 0:04N:125:75E, h0km, mb3.2/3, mb1 3.4/3, mb1mx2.9/44, mbtmp3.2/3, MS2.5/1, Ms1 2.5/1, ms1mx2.1/17, Error ellipse: s-maj=184.0km s-min=15.8km az=64.0

IDC 27 14:56:27.6:0.3, 0:54:12:5E, h10km, M3.9/11, mb4.2/2, ML3.8/11

IDC 27 14:56:30.1:1.1, 0:29S:0:09:125:32E:0:06, h35km, n12, o:091/12, mb3.1/3, Southern Malucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMSI Cibinong, SANI Sanana, LMBI Labu, LUWI Luwuk, MRSI Marisa, APSI Ampana, BNSI Bone, SPSI Sidrap Palu, KAPI Kappang, WRA Warramunga Arr, MKAR Makanchi Arr, DJA 27 15:03:37.4:1.0, 4:59:12:9E, h19km, M3.5/7, ML3.5/7, IDC 27 15:03:45.5:6.9, 3:98S:130:19E, h117km, 92km, mb2.9/1, mb1 3.1/4, mb1mx2.7/42, mbtmp3.5/4, ML3.4/3, MS3.2/1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSAI Masohi, AAI Abon, FAKI Fak Fak, SIJI Sorong, SLJI bazz=242, slow=23, SNR=0.8, SWI Sorong, LMBI Labuha, SANI Sanana, WRA Warramunga Arr, PMG Port Moresby, ASAR Alice Springs, MKAR Makanchi Arr.

IDC 27 15:10:38.8:1.1, 4:03S:0:09:129:27E:0:06, h36km, n11, o:090/11, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TORD Torodi Ar. Bea, YKA Yellowknife Arr, IAR Eielson Array.

IDC 27 15:14:43.4:7.3, 19:04S:176:74W, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.6/26, mbtmp3.7/2, Error ellipse: s-maj=309.6km s-min=114.5km az=153.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, AKASO Malin Arry Bea.

IDC 27 15:19:42.1:1.0, 33:77S:109:66W, h0km, mb4.5/10, mb1 4.6/10, mb1mx4.4/24, mbtmp4.5/10, MS4.7/18, Ms1 4.6/18, ms1mx4.6/23, Error ellipse: s-maj=35.0km s-min=19.6km az=20.0

NEIC 27 15:19:49.1:1.5, 33:01S:0:09:108:8W:0:2, h10km, 1km, mb4.8/87, Mwc5.3(GCMT), Error ellipse: s-maj=28.3km s-min=4.2km az=238.0

GCMT 27 15:19:51.0:1.1, 33:67S:0:01:109:60W:0:01, h16km, Mv5.3/139, Moment Tensor: 191 Moment tensor: Scale 10^17 Nm; Mw=0.03; 02; Mw=0.35; 02; Mw=0.36; 02; Mw=0.07; 04; Mw=0.95; 02; Mw=0.45; 06; Best double couple: L1:13600-1017 NP1:100,000000; 864,00000; lambda-280,00000; NP2:100,000000; 890,00000; lambda-260,00000; Principal axes: T 1.1580, Plg18.00000; Azm58.00000; N -0.0440, Plg64.00000; Azm190.00000; P -1.1140, Plg18.00000; Azm322.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 27 15:19:46.4:0.5, 33:35S:0:12:108:98W:0:08, h10km, n154, o:1979/130, mb4.8/50, MS4.7/22, I4C, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H03S2 Juan Fernandez, H03S3 Juan Fernandez, H03S1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N1 Juan Fernandez, COYC Coyhaique, PLCA Paso Flores, PLCA Paso Flores, CO03 El Pedregal, GO04 Tololo Observa, ZON4 Zonda, PB14 IPOC Station P, PB14 IPOC Station P, AC02 Maricunga, PB06 IPOC Station P, TA01 Diego Aracena, LVC Limon Verde, LVC Limon Verde, TBI Tubuai, TBI Tubuai, TA02 Hualqui, PB09 IPOC Station P, PB01 IPOC Station P, PB11 IPOC Station P, PB12 IPOC Station P, TA0E Nuku Hiva Isla, MEH Mehetia, PB16 IPOC Station P, ATAH Atahualpa, PPT2 Papeete2, PPT Papeete, LPAZ La Paz, OTAV Otavalo, CPUP Villa Florida, ETMB Extrema, ETMB Extrema, SIV San Ignacio, PTLB Pontes e Lacer, AQDB Aquidauana, VILB Vilhena, VILB Vilhena.

IDC 27 16:43:23.71.0.9.1'6S:158.21'E, h0km, mb3.4/2,
 mb1 4.3/8, mb1mx3.9/36, mbmp4.1/8, Error ellipse:
 s-maj=33.6km s-min=21.4km az=166.0
 NEIC 27 16:43:25.4.1.6.9.1'S:0.2'158.3'E:0.1, h10km, 1km,
 mb4.2/8, Error ellipse: s-maj=26.2km s-min=17.2km
 az=196.0
 ISC 27 16:43:25.6.0.7.9.1'S:0.1'158.22'E:0.07, h10km, n17,
 e1947/16, mb4.2/9, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
HNR	Honiara	1.73	100	Op	Pn	16 47 54.8 -1.0
HNR	146nm, 0.3s, baz=225, slow=5.9, SNR=11.5				Sg	16 44 23.1 +1.7
OUCNC	Ouen Island, N	15.59	149	Pn	Pn	16 47 03.4 -2.1
OUCNC	comp=Z, 2.9nm, 1.3s			Iamb	Iamb	16 47 16.9
CTAO	Charters Tower	15.88	225	P	P	16 47 16.2 +3.1
CTAO	comp=Z, 1.9nm, 1.4s			Iamb	Iamb	16 47 23.5
WB0	Warramunga Arr	25.34	243	P	P	16 48 53.4 +0.5
WRAB	Tennant Creek	25.45	242	P	P	16 48 53.9 +0.1
WRA	Warramunga Arr	25.45	242	P	P	16 48 53.3 -0.6
WRA	comp=Z, 2.6nm, 0.8s, baz=70, slow=5.9, SNR=6.1			Iamb	Iamb	16 48 54.8
AS31	Alice Springs	27.36	235	P	P	16 49 10.3 -0.9
ASAR	Alice Springs	27.37	235	P	P	16 49 10.8 -0.5
ASAR	comp=Z, 1.0nm, 0.9s, baz=68, slow=8.0, SNR=6.8			Iamb	Iamb	16 50 51.2 -0.4
PSA00	Pilbara Seismi	38.90	247	P	P	16 50 51.2 -0.4
PSA00	comp=Z, 7.5nm, 1.3s			Iamb	Iamb	16 50 59.4
CMAR	Chiang Mai Arr	64.58	295	P	P	16 54 04.2 +0.5
CMAR	comp=Z, 10.6nm, 0.4s, baz=107, slow=5.3, SNR=5.6			Iamb	Iamb	16 54 55.4 +0.5
SONM	Songino Array	72.86	326	P	P	16 54 55.4 +0.5
SONM	comp=Z, 2.2nm, 1.0s, baz=108, slow=4.8, SNR=7.6			Iamb	Iamb	16 54 59.9
SONM	Songino Array	72.86	326	P	P	16 55 56.1 -0.9
ILAR	Eileison Array	84.21	21	P	P	16 55 56.1 -0.9
ILAR	comp=Z, 2.2nm, 1.0s, baz=252, slow=5.1, SNR=7.5			Iamb	Iamb	16 56 11.1 -0.8
MKAR	Makanchi Array	87.11	318	P	P	16 56 11.1 -0.8
MKAR	comp=Z, 0.8nm, 0.7s, baz=90, slow=5.4, SNR=5.4			Iamb	Iamb	16 56 12.8 -1.8
ZALV	Zalesov Beam	87.73	325	P	P	16 56 12.8 -1.8
ZALV	comp=Z, 2.0nm, 0.3s, baz=110, slow=7.8, SNR=1.7			Iamb	Iamb	16 56 30.2 +1.7
NVAR	Minna Array	94.59	51	P	P	16 56 30.2 +1.7
NVAR	comp=Z, 1.5nm, 1.1s, baz=205, slow=5.8, SNR=3.7			Iamb	Iamb	

IDC 27 16:47:01.6.0.9.40.54'S:174.65'E, h0km, mb3.4/2,
 mb1 3.6/3, mb1mx3.2/32, mbmp3.3/3, ML2.7/1, Error
 ellipse: s-maj=25.8km s-min=4.6km az=142.0
 NOU 27 16:47:07.7.40.69'S:174.80'E, h71km, MLv3.8/10, Cook
 Strait, New Zealand
 WEL 27 16:47:08.6.41.3'S:175.5'E, h50km, 7km, M3.8/37,
 ML4.0/37, MLv3.8/37, Error ellipse: s-maj=0.0km
 s-min=0.0km az=82.8
 ISC 27 16:47:06.9.1.3.40.61'S:0.02'174.73'E:0.02, h17km, 10km,
 n145, e1933/154, Cook Strait

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
KIW	Kapiti Island	0.29	151	P	Pn	16 47 17.7 +1.4
KIW	0.64	122	P	P	16 47 24.2 +1.9	
OGWZ	Otaki Gorge	0.40	122	P	P	16 47 19.0 +1.2
OGWZ	0.56	153	P	P	16 47 26.5 +1.6	
OHWW	Ohaweke	0.60	48	P	P	16 47 21.9 +1.2
OHWW	0.64	252	P	P	16 47 32.1 +2.1	
DUVW	D'Urville Isla	0.64	252	P	P	16 47 21.3 +0.1
DUVW	0.65	99	P	P	16 47 21.8 +0.5	
MHZ	Mangatainoka R	0.65	99	P	P	16 47 32.0 +0.8
MHZ	0.66	116	P	P	16 47 21.9 +0.4	
HOWZ	Holdsworth Sta	0.66	116	P	P	16 47 22.4 +0.8
WEL	Wellington	0.68	177	P	P	16 47 22.4 +0.8
TCWV	Tory Channel	0.69	209	P	P	16 47 22.4 +0.5
NCWZ	North Coror	0.70	181	P	P	16 47 22.7 +0.7
MTW	Mount Morrison	0.80	133	P	P	16 47 23.5 0.0
BHW	Baring Head	0.81	172	P	P	16 47 23.7 +0.3
BHW	0.82	75	P	P	16 47 35.5 +0.5	
POWZ	Post Office R	0.88	13	P	P	16 47 24.1 +0.4
POWZ	Wanganui	0.88	13	P	P	16 47 25.1 +0.9
TIWZ	Tintock	0.90	101	P	P	16 47 24.8 +0.4
MSWZ	Moikau Station	0.90	154	P	P	16 47 24.8 +0.4
PAWZ	Paruwai Farm	0.94	146	P	P	16 47 25.1 +0.4
PRWZ	Port Road	0.95	87	P	P	16 47 25.9 +0.5
TUWZ	Tuamatarua	1.01	120	P	P	16 47 26.1 +0.1
TMWZ	Tai Maipa	1.01	120	P	P	16 47 26.1 +0.1
PLWZ	Palliser	1.04	158	P	P	16 47 26.4 +0.1
TRWZ	Traveller	1.07	138	P	P	16 47 28.4 +0.7
TSKZ	Takapari Road	1.09	60	P	P	16 47 27.5 +0.2
DVHZ	Dannevirke	1.14	75	P	P	16 47 27.8 -0.3
BFZ	Birch Farm	1.16	94	P	P	16 47 27.9 -0.4
BFZ	Birch Farm	1.16	94	P	P	16 47 27.9 -0.4
CPWZ	Cape Campbell	1.16	105	P	P	16 47 28.6 +0.3
LRZ	Lake Rotokare	1.17	348	P	P	16 47 29.6 0.0
NNZ	Nelson	1.19	239	P	P	16 47 29.2 +0.2
CMWZ	Cape Campbell	1.20	199	P	P	16 47 30.2 0.0
BSWZ	Blackburn Sta	1.29	210	P	P	16 47 30.3 -0.3
PNHZ	Pukerangi	1.32	59	P	P	16 47 30.3 -0.3
PREZ	Palmer Road	1.34	341	P	P	16 47 32.2 -0.5
ANWZ	Angora Road	1.34	84	P	P	16 47 30.4 -0.4
MTWZ	Mangateitei	1.35	25	P	P	16 47 32.1 +0.3
NMEZ	Namu Road	1.36	321	P	P	16 47 32.1 +0.3
PKVZ	Pokaka	1.40	20	P	P	16 47 32.5 -0.1
WPHZ	Waipukurau	1.42	68	P	P	16 47 31.5 -0.4
KHEZ	Kahui Hut	1.42	337	P	P	16 47 33.2 +0.1
NEZ	North Egmont	1.42	340	P	P	16 47 33.2 +0.1
MOVZ	Moawhango	1.44	34	P	P	16 47 32.4 +0.2
NWZ	Niwahoua	1.45	23	P	P	16 47 33.4 +0.1
TRVZ	Turoa	1.45	26	P	P	16 47 33.5 +0.1
DREZ	Durham Road	1.48	344	P	P	16 47 34.1 +0.2
DRZ	Dome Shelter	1.48	26	P	P	16 47 34.2 +0.1
WHVZ	Whangape Hut	1.48	27	P	P	16 47 34.1 0.0
VRZ	Vera Road	1.48	25	P	P	16 47 33.5 -0.5
FWZ	Far West	1.49	25	P	P	16 47 34.9 -0.3
NBEZ	Newall Road No	1.49	333	P	P	16 47 34.0 -0.2
PRHZ	Porangahua	1.50	77	P	P	16 47 32.8 -0.2
BHHZ	Black Hill Sta	1.52	43	P	P	16 47 33.6 +0.3
TUVZ	Tukino	1.52	28	P	P	16 47 34.4 -0.3
PKEZ	Pukeiti	1.53	398	P	P	16 47 34.3 -0.4
MHEZ	Mangahewa	1.56	348	P	P	16 47 35.6 +0.2
NGZ	Ngauruhoe	1.58	25	P	P	16 47 35.4 -0.4
SNVZ	South Ngauruhoe	1.58	27	P	P	16 47 35.5 -0.3
KRHZ	Kereru	1.59	53	P	P	16 47 33.8 -0.4
OTVZ	Otureua	1.61	27	P	P	16 47 35.8 -0.5
NIHVZ	North Ngauruhoe	1.62	20	P	P	16 47 35.9 -0.6
TWVZ	Tawerau	1.63	20	P	P	16 47 35.6 -0.7
WTVZ	West Tongariro	1.63	24	P	P	16 47 35.9 -0.7
ETVZ	East Tongariro	1.66	28	P	P	16 47 36.3 -0.7
KRVZ	Karewarewa	1.67	25	P	P	16 47 36.4 -0.8
TMVZ	Tai Maari	1.67	27	P	P	16 47 36.4 +1.0
NTVZ	North Tongariro	1.68	28	P	P	16 47 36.6 +0.6
QRZ	Quartz Range	1.68	262	P	P	16 47 35.6 0.0
QRZ	Quartz Range	1.68	262	P	P	16 47 35.6 0.0
PXZ	Pawanui	1.73	71	P	P	16 47 35.9 -0.3
KHWZ	Kaweka Forest	1.76	48	P	P	16 47 36.3 -0.3
THZ	Tophu	1.77	24	P	P	16 47 37.4 +0.3
KATZ	Kakaramea	1.79	25	P	P	16 47 38.4 -1.0
KAHZ	Kahurangi	1.84	64	P	P	16 47 36.9 -0.8
RITZ	Rihia Road	1.85	29	P	P	16 47 40.3 +0.1
MCHZ	McNeill Hill	1.91	53	P	P	16 47 38.7 +0.1
RAVZ	Rangitukia	1.92	25	P	P	16 47 40.5 -0.9
BKZ	Black Stump Fm	1.98	44	P	P	16 47 39.2 -0.5
BKZ	Black Stump Fm	1.98	44	P	P	16 47 42.3 -0.7
HATZ	Hinemaiaia	2.01	32	P	P	16 47 40.0 0.0
KHZ	Kahutara	2.01	206	P	P	16 47 40.0 -0.1
KHZ	Kahutara	2.01	206	P	P	16 47 41.6 +0.9
WAZZ	Wairara	2.10	23	P	P	16 47 42.9 +1.3
HIZ	Hauti	2.10	3	P	P	16 47 42.5 +1.3
WHZZ	Whakaora	2.16	26	P	P	16 47 45.7 +0.1
MRHZ	Matea Rd	2.20	37	P	P	16 47 41.8 -0.9
NMHZ	Naumai	2.20	47	P	P	16 47 42.2 -0.5
ARHZ	Aroapanui	2.28	22	P	P	16 47 48.9 +0.1
KUTZ	Kaahu Road	2.28	22	P	P	16 47 48.0 +0.4
TLZ	Tolley Road	2.36	16	P	P	16 47 45.4 +0.5

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRPZ	Whakapapatariri	2.36	28	P	Pb	16 47 47.4 -1.7
MTHZ	Maungataniwha	2.40	44	P	Pn	16 47 44.3 -1.0
ALRZ	Allen Road	2.40	32	P	Pn	16 47 49.9 -0.5
DRZ	Plateau Road	2.47	32	P	Pn	16 47 48.5 +2.1
PSZ	Denniston Nort	2.48	242	P	P	16 47 46.3 -0.3
RAHZ	Rahihi	2.48	12	P	Pg	16 47 48.2 -1.4
RTZ	Rautahuna	2.65	42	P	Pn	16 47 49.5 +0.6
GVZ	Greta Valley S	2.67	208	P	Pn	16 47 48.3 -0.9
SNZG	Shannon Statio	2.72	49	P	Pn	16 47 48.0 -1.8
TARZ	Mount Tararua	2.74	31	P	Pb	16 47 53.1 -2.4
LTZ	Lake Taylor	2.84	219	P	Pn	16 47 50.7 -0.8
RAGZ	Rangiora Road	2.94	12	P	Pn	16 47 51.7 -1.8
LRZ	Rawiri	2.96	45	P	Pn	16 47 51.4 -1.8
URZ	Urewera	2.99	39	Pn	Pn	16 47 51.2 -2.2
URZ	1.0nm, 0.3s, baz=227, slow=7.9, SNR=2.1			Pg	Pg	16 47 55.8 -3.8
URZ	10nm, 0.3s, baz=125, slow=24, SNR=3.2			Lg	Lg	16 48 34.5
URZ	11nm, 0.3s, baz=30, slow=16, SNR=7.2			Pn	Pn	16 47 51.4 -2.0
URZ	Urewera	2.99	39	Pn	Pn	16 47 52.4 -1.0
AMCZ	Amberley	3.00	210	Pn	Pn	16 47 52.4 -1.2
RIGZ	Rimuhau	3.02	52	Pn	Pn	16 47 51.8 -2.1
MARZ	Manawahu	3.02	31	Pn	Pn	16 47 51.7 +3.1
TGZ	Tauranga	3.11	23	Pn	Pn	16 47 55.5 +0.3
MWZ	Matawai	3.14	45	Pn	Pn	16 47 53.7 -1.9
AKCZ	Akaroa Harbour	3.24	228	Pn	Pn	16 47 56.0 -1.0
OKCZ	Okaia Bay	3.35	201	Pn	Pn	16 47 57.0 -1.5
OXZ	Oxford	3.38	216	Pn	Pn	16 47 56.7 -2.1
MOZ	MoQueen's Vall					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TIXI Tiksi, NEA2 Nenana, MDM Murphy Dome, etc.

IDC 27 16:55:54.76.1.875S:158.07E,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.5/42,mbtmp3.7/3, Error ellipse: s-maj=184.6km s-min=29.2km az=118.0, Bougainville-Solomon Islands region

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

IDC 27 16:59:30.0.0.9.15.84S:173.38W,h0km,mb4.2/11, mb1 4.5/12,mb1mx4.2/40,mbtmp4.3/12,ML4.8/1,MS3.6/4, Ms1 3.6/4,ms1mx3.2/21, Error ellipse: s-maj=42.2km s-min=15.3km az=137.0

NEIC 27 16:59:31.2.1.177S:07.173.3W,0.1,h10km,1km, mb4.8/30, Error ellipse: s-maj=19.8km s-min=12.3km az=99.0

ISC 27 16:59:30.5.0.5.15.80S:006:173.19W:0.08,h10km,n60, s146/54,mb4.6/25,Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afamalu, NIUE Niue, MSFV Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, NVAR Minia Array Set, NV11 Minia Array Set, etc.

PGC 27 17:01:30.6:1.9.49:30N:128:33W,h10km,MLSN3.0/16, Mw3.7/16,Mw3.7/16,166km west of Gold R., Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EDB Eliza Dome, PACB Port Alice, BC, MACB Maynard, etc.

DJA 27 17:05:23.9.2.0.3.1'N:10.2'W,1'4,h247km,14km, M4.3/10,mb4.3/7,mb4.8/5,ML4.4/10,Mw(mb)4.0/5

NEIC 27 17:05:27.1.2.2.38N:0.1,128.7E:0.1,h225km,9.5km, mb4.1/18, Error ellipse: s-maj=20.1km s-min=15.0km az=99.0

IDC 27 17:05:28.3:1.7.2.79N:128.76E,h234km=17km,mb3.5/16, mb1 3.6/19,mb1mx3.3/49,mbtmp4.1/19, Error ellipse: s-maj=17.9km s-min=9.9km az=78.0

ISC 27 17:05:28.2.0.7.2.72N:0.07:128.58E:0.09,h250km,n51, s188/33,mb3.8/23,Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, SGSI Sangihe, LBMI Labuha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI Gunungitoli, CMAR Chiang Mai Arr, KSRS Korea Array, etc.

NEIC 27 17:31:11.1:1.5.6'08S:0'09:152.5E:0.1,2,h39km,9km, mb4.5/11, Error ellipse: s-maj=23.5km s-min=11.3km az=106.0

IDC 27 17:31:13.3:4.6.6.15S:152.23E,h56km,41km,mb4.0/12, mb1 4.2/13,mb1mx4.0/30,mbtmp4.3/13,ML2.4/1,MS3.3/7, Ms1 3.3/7,ms1mx3.1/24, Error ellipse: s-maj=24.4km s-min=23.0km az=178.0

ISC 27 17:31:11.0:0.7.6.11S:0'09:152.4E:0.1,h35km,n38, s083/33,mb4.5/21,MS3.5/6, New Britain region

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

Table with columns: ARU, comp-Z, Az, El, P, LR, 18 50 21.4, etc. Includes stations like Arti, KBL, LZH, DANN, PYUAN, GKN, etc.

Table with columns: BURAR, comp-Z, Az, El, P, LR, 18 43 10.8 +1.7, etc. Includes stations like Bucovina Array, COVR, BORA, etc.

Table with columns: ASAR, comp-Z, Az, El, P, LR, 18 46 27.5 +0.6, etc. Includes stations like Toumoudi, Ksan Boka, LIC, etc.

KMA 27 18:58:18.0.0.1, 34.49N, 128.24E, h9km, Error ellipse: s-maj=1.6km s-min=0.6km az=327.0

Table with columns: Code, Station Name, Az, El, P, LR, Time Res, etc. Includes stations like YKDB, KSTOY, YNDB, etc.

IDC 27 19:05:30.3.1.0, 20.50S, 173.99W, h0km, mb4.3/11, mb1.4.5/14, mb1mx4.1/33, mbtmp4.3/14, ML4.0.3/M5.8/5, Ms1.3.8/5, mb1mx3.3/30, Error ellipse: s-maj=38.9km s-min=16.9km az=142.0

IS27 19:05:34.0.0.8, 20.77S, 173.37W, 0.1, h27km, n41, c1908/37, mb4.3/11, 11C-1D, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, LR, Time Res, etc. Includes stations like AFJ, MSVF, MSVF, RAO, RAR, etc.

WEL 27 19:05:58.0.3, 43.52S, 172.17E, h5km, M3.4/16, ML3.5/17, MLV3.4/16, Error ellipse: s-maj=0.0km s-min=0.0km az=170.7, South Island

Table with columns: Code, Station Name, Az, El, P, LR, Time Res, etc. Includes stations like INZ, WVV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NORSAR Array B, DZM, GUMCO, FINES, etc.

NNC 27 19:42:54.5±0.2, 38.75N:73.25E, h0km, mb4.1, mpv3.7, 2C-5D, Error ellipse: s-maj=14.9km s-min=9.3km az=173.0, Tajikistan-Xinjiang border region

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

PRE 27 19:58:28.2±1.3, 26.140S:27.46E, h2km, ML2.4 BUL 27 19:58:48.3±0.3, 25.70S:28.35E, h1km, 10km, MD4.9 EAF 27 19:58:48.3±0.3, 25.70S:28.35E, h1km, 10km, MD4.5 ISC 27 19:58:26.8±1.4, 26.31S:0.04±27.34E, h5km, 13km, n15, c1521/26, South Africa

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

AEIC 27 20:06:13.1±0.8, 51.55N:0.05:175.49W, h0km, 9km, ML3.5/23, Error ellipse: s-maj=7.1km s-min=4.7km az=166.0

NEIC 27 20:06:15.2±2.2, 51.8N:0.2:175.56W:0.09, h48km, 22km, Error ellipse: s-maj=33.1km s-min=4.4km az=168.0

ISC 27 20:07:45.1±0.7, 54.69N:165.08W, h414km, 56km, mb2.6/4, mb1 2.9/6, mb1mx2.4/4.1, mbtmp3.5/6, Error ellipse: s-maj=21.7km s-min=25.4km az=25.0

ISC 27 20:06:14.0±1.2, 51.55N:0.1:175.52W:0.05, h47km, n29, c1515/31, mb3.1/3, Andreanof Islands

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

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

ISC 27 20:32:19.0±1.2, 26.06N:90.34E, h0km, mb3.8/7, mb1 3.9/8, mb1mx3.6/35, mbtmp3.7/8, ML3.3/1, MS2.7/1, Ms1 2.9/1, ms1mx2.4/4.4, Error ellipse: s-maj=55.7km s-min=17.7km az=60.0

ISC 27 20:32:22.6±1.3, 26.1N:0.2:90.5E:0.2, h24km, n9, c0584/10, mb4.0/7, Northeastern India

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

ISC 27 20:53:15.2±2.0, 38.63N:73.26E, h0km, mb3.7/5, mb1 3.7/11, mb1mx3.4/47, mbtmp3.6/11, ML3.1/6, MS2.8/3, Ms1 2.8/3, ms1mx2.5/47, Error ellipse: s-maj=27.4km s-min=20.8km az=178.0

SOME 27 20:53:19.9, 38.92N:73.38E, h5km NNC 27 20:53:21.6±1.8, 38.94N:73.31E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=13.4km s-min=8.1km az=174.0

ISC 27 20:53:18.8±1.2, 38.88N:0.07:73.39E:0.04, h10km, n42, c270/56, mb3.8/5, 7C-4D, Tajikistan-Xinjiang border

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

ISC 27 20:53:19.9, 38.92N:73.38E, h5km NNC 27 20:53:21.6±1.8, 38.94N:73.31E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=13.4km s-min=8.1km az=174.0

ISC 27 20:53:18.8±1.2, 38.88N:0.07:73.39E:0.04, h10km, n42, c270/56, mb3.8/5, 7C-4D, Tajikistan-Xinjiang border

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

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

ISC 27 21:25:18.9±2.8, 30.70S:59.92E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.3/46, mbtmp3.7/3, MS3.2/4, Ms1 3.2/4, ms1mx=50.0km az=47.0, Southwest Indian Ridge

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

ISC 27 21:30:07.0±4.0, 5.96S:148.82E, h165km, 40km, mb3.1/2, mb1 3.5/4, mb1mx2.9/30, mbtmp3.8/4, Error ellipse: s-maj=110.9km s-min=31.7km az=128.0, New Britain region

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

ISC 27 21:35:54.7±0.6, 30.50S:60.00E, h0km, mb4.2/15, mb1 4.3/15, mb1mx4.1/45, mbtmp4.2/15, MS3.6/17, Ms1 3.6/17, ms1mx3.4/42, Error ellipse: s-maj=20.7km s-min=17.4km az=12.0

NEIC 27 21:35:57.1±0.9, 30.5S:0.1:60.0E:0.1, h10km, 1km, mb4.6/15, Error ellipse: s-maj=24.3km s-min=21.3km az=202.0

ISC 27 21:35:56.4±0.5, 30.5S:0.1:59.99E:0.10, h11km, n66, c173/61, mb4.6/30, MS3.7/17, Southwest Indian Ridge

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VRAC Vranov, DPC Dobruska-Polom, KULM Kulim, etc.

INET 27 23:06:57.3, 10°85N, 86°81W, h15km, MW3.6
UCR 27 23:06:58.9, 10°70N, 86°59W, h0km, 19km, MW3.9, Off

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HZTE Horizontes, Gu, SAJU San Juanillo, etc.

IDC 27 23:14:20.5, 2.4, 37°33N, 72°77E, h0km, mb3.6/4, mb1 3.7/7, mb1mx3.4/57, mbtm3.6/7, ML3.1/3, Error ellipse: s-maj=62.2km s-min=18.4km az=156.0

ISC 27 23:14:21.8, 1.4, 37°39N, 0.1:72.8E, 0.1, h10km, n9, s1563/10, mb3.5/4, 3C-1D, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AAK Ala-Archa, KK09 Karatay Array, etc.

NOU 27 23:16:38.1, 16.84S, 167°07E, h13km, MLV4.3/15, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DVP Devils Point, RTV Rentapao, etc.

IDC 27 23:19:46.6, 2.0, 6°54S, 129°96E, h149km, 22km, mb3.5/3, mb1 3.6/9, mb1mx3.2/44, mbtm3.4/0.9, Error ellipse: s-maj=23.3km s-min=18.4km az=104.0

ISC 27 23:19:44.7, 0.8, 6°64S, 0.06:130°12E, 0.09, h146km, n9, s371/14, mb3.6/3, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIJI Sorong, BATI Baumenta, etc.

IDC 27 23:34:21.1, 3.9, 8°28S, 119°07E, h169km, 38km, mb3.2/3, mb1 3.6/6, mb1mx2.9/36, mbtm3.4/0.6, Error ellipse: s-maj=72.9km s-min=15.8km az=58.0

ISC 27 23:34:19.2, 1.0, 8°65S, 0.1:118°82E, 0.09, h156km, n16, s184/18, mb3.8/4, Sumbawa region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAPI Kappang, JAGI Jajag, etc.

IDC 27 23:47:04.0, 0.9, 31°80S, 71°58W, h0km, mb4.5/5, mb1 4.4/10, mb1mx4.2/27, mbtm3.4/3/10, ML4.1/5, MS3.5/5, Ms1 3.5/5, ms1mx3.3/19, Error ellipse: s-maj=28.2km s-min=24.0km az=113.0

SJA 27 23:47:06.0, 0.7, 31°75S, 72°10W, h52km, 8km, ML4.8, MW4.5

VAO 27 23:47:07.9, 1.2, 31°91S, 71°82W, h37km, mb4.5, GUC 27 23:47:09.4, 0.6, 31°78S, 71°66W, h48km, 3km, ML4.8, NEIC 27 23:47:09.9, 31°76S, 71°74W, h40km, Moment Tensor Solution. moment tensor: Scale 10^19Nm; Mr3.11; Mw0.04; Mw-3.15; Mw0.55; Mw0.60; Mw-2.82; Fault plane solution: M4.29000x10^15 NP1=169.25000°, 66.04000°, 1.89.64000°. NP2=350.13000°, 82.396000°, 1.90.80000°. Principal axes: T 4.2114, P169.0000°, Azm79.0000°; N 0.1534, P169.0000°, Azm169.0000°; P -4.3648, P121.0000°, Azm260.0000°

NEIC 27 23:47:10.4, 1.5, 31°77S, 0.03:71°71W, 0.09, h38km, 6km, mb4.5/12, Mw4.4/39, ML4.8(GUC) Error ellipse: s-maj=10.8km s-min=4.6km az=94.0

ISC 27 23:47:30.9, 3.1, 31°80S, 0.01:71°73W, 0.03, h19km, 3km, n169, s184/215, mb4.6/12, MS4.1/3, 4C-8D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VAO6 Catapilco, CO06 Fray Jorge, etc.

Table with columns: PEL, Peldehue, 1.61 147, eP, Pb, 23 47 37.0 +0.6, etc.

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 38.9 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

GO04 Tololo Observa 1.81 27 eP, Pb, 23 47 39.0 -0.9

28d 2h

2015 DEC

1310

Mh 1.3 6/17, ms1mx3.4/34, Error ellipse: s-maj=25.8km s-min=8.6km az=63.0
NEIC 28 01:31:17.4z 1.8, 6.15N, 0.06x126.23E, 0.09, h31km, 4km, mb4.6/41, Error ellipse: s-maj=14.4km s-min=7.6km az=64.0
MAN 28 01:31:18.3, 6.22N, 126.12E, h13km, mb5.4, ML4.4, MS4.6
DJA 28 01:31:19.7, 0.5, 6.7N, 4.12E, h42km, 5km, M4.9/24, mb4.8/24, mb5.4/9, ML5.0/11, Mw(mb)4.8/9, MwMw4.8/1, Mwps.1/1
ISC 28 01:31:19.8, 0.9, 6.08N, 0.04x126.26E, 0.07, h57km, 8km, n139, r146/140, mb4.5/47, MS3.8/23, 7C-7D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, HSC, Res, ISC, H, HSC, Res, ISC. Contains station data for DAVAO CITY (W), DAVAO CITY (E), DAVAO CITY (S), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, HSC, Res, ISC, H, HSC, Res, ISC. Contains station data for MORAWA, FORT FORREST, MORAWA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, HSC, Res, ISC, H, HSC, Res, ISC. Contains station data for YKAWA, TORO, TORO, etc.

28d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKAG Skagway, INK Inuvik, and A21K Barrow.

GUC 28 02:23:52.4 0.7, 70.68Sx72.33W, h15km, ML3.0, 5D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO06 Fray Jorge, CO05 La Serena, and VA06 Catapilco.

IDC 28 02:41:36.6 7.2, 28.27Sx178.11W, h0km, mb3.4/2, Error ellipse: s-maj=380.6km s-min=103.4km az=164.0, Kermadec Islands region

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

IDC 28 02:42:20.7 6.8, 30.51Sx178.82W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.6/20, mbtmp3.6/2, Error ellipse: s-maj=272.7km s-min=62.2km az=155.0, Kermadec Islands

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

IDC 28 03:09:12.8 2.1, 12.70N.59.67W, h47km, 27km, mb3.5/3, mb1 4.1/7, mb1mx3.5/32, mbtmp4.2/7, ML3.8/4, Error ellipse: s-maj=34.0km s-min=21.7km az=51.0

TRN 28 03:09:16.3 12.74N.60.27W, h45km, MD4.0

ISC 28 03:09:16.4 0.9, 12.73N.0.03, 60.23W.0.04, h63km, n10km, n44, c113/65, mb3.7/3, Windward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BCHC Barbados, Cavé, BBGH Gun Hill, and BBSF Saint Philip.

2017 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRN Trinidad (W), TBH Brigand Hill, MDN Morne-Daniel, and SALISbury.

AEIC 28 03:21:54.1 0.53, 57N.0.07, 164.80W.0.08, h46km, 9km, ML3.4, mb3.6/4(NEIC), ML3.5/8(NEIC), Error ellipse: s-maj=10.1km s-min=6.7km az=158.0

NEIC 28 03:21:55.4 0.9, 53.58N.0.08, 164.81W.0.10, h47km, 25km, Error ellipse: s-maj=13.3km s-min=6.8km az=152.0

IDC 28 03:22:05.9 12.0, 54.60N. 165.04W, h74km, 73km, mb3.4/5, mb1 3.0/7, mb1mx3.0/64, mbtmp3.7/7, ML2.9/2, Error ellipse: s-maj=131.7km s-min=55.3km az=15.0

ISC 28 03:21:54.0 1.0, 53.55N.0.08, 164.78W.0.04, h27km, n53, c1139/48, mb3.9/4, Unimak Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKSA Akutan Strait, AKUT Akutan, and AKBA Akutan Broad B.

SDPT comp=N, 144nm, 2.4s IAML 03 23 41.7

CNBA Chernabura Isl 3.30 65 Pn Pn 03 22 44.7 +0.9

CHGN comp=N, 96nm, 4.4s IAML 03 23 02.8 +1.3

K20K Telida 11.30 25 Pn Pn 03 24 36.2 +2.8

J20K Nowinta River 11.97 23 Pn Pn 03 24 45.9 +3.4

SCM Sheep Creek Pt 12.45 41 Pn Pn 03 24 49.9 0.0

M24K Tolona, Glenin 13.05 42 Pn Pn 03 24 57.7 +0.2

N25K Chitina, Valde 13.45 45 Pn Pn 03 25 04.3 +1.4

GLB Gilahina Butte 13.71 47 Pn Pn 03 25 10.5 -4.3

VRDI Verde Repeater 13.78 48 Pn Pn 03 25 09.8 +2.4

ILAR Eielson Array 14.44 32 Pn Pn 03 25 17.2 +0.9

M26K Nabesna, AK 14.49 44 Pn Pn 03 25 18.2 +1.2

H24K Noodor Dome 14.90 28 Pn Pn 03 25 25.0 -3.1

M27K Sand Creek 14.93 37 Pn Pn 03 25 28.9 +0.5

SCZR Edge Creek, AK 14.94 45 Pn Pn 03 25 27.1 -1.5

L27K Beaver Creek A 15.25 42 Pn Pn 03 25 31.3 0.7

BCAR Beaver Creek A 15.29 42 Pn Pn 03 25 31.1 -1.3

DAWY Dawy Sound 16.71 41 Pn Pn 03 25 48.5 +0.4

EPYK Eagle Plains 18.80 36 Pn Pn 03 26 11.2 -0.5

INUV Inuvik 20.83 33 Pn Pn 03 26 32.2 -0.9

YKA Yellowknife Ar 27.35 51 Pn Pn 03 27 38.8 +2.5

H112 WAKE ISLAND Hy 40,17 224 T T 04 12 23.3

H111 WAKE ISLAND Hy 40,19 224 T T 04 12 26.8

H110 WAKE ISLAND Hy 41,35 223 T T 04 13 51.4

H112 WAKE ISLAND Hy 41,37 223 T T 04 13 48.9

H113 WAKE ISLAND Hy 41,37 223 T T 04 13 50.7

FINES FINES Array B 56.99 356 P P 03 31 35.5 -1.0

FINES FINES Array B 65.02 354 P P 03 32 29.9 -1.2

AKASG Malin Array Be 75.45 351 P P 03 33 35.9 +0.9

MDD 28 03:24:06.2 1.7, 36.87N.11.12W, h0km, mbLg2.6/7, Error ellipse: s-maj=14.2km s-min=11.7km az=61.0, PRXIMO INMG 28 03:24:07.3 1.2, 36.79N.11.18W, h10km, ML2.1, Error ellipse: s-maj=3.3km s-min=4.4km az=80.0

CNRM 28 03:24:14.2 36.21N. 10.42W, h30km, ISC 28 03:24:00.2 2.2, 36.68N.0.06, 11.4W.0.11, h10km, n53, c244/89, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVFI Vila Bispo, PVFI Vila Bispo, and MORF Marletele.

1312

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORF Marletele, PTEO Sao Teotonio, PNCL Nicolau / Gran, and PMAFR Malra.

IDC 28 03:31:15.0 3.4, 36.31N.70.30E, h170km, 30km, mb3.5/13, mb1 3.6/18, mb1mx3.5/56, mbtmp4.1/18, MS3.2/2, Ms1 3.2/2, ms1mx2.6/36, Error ellipse: s-maj=22.8km s-min=14.1km az=26.0

SOME 28 03:31:16.7 37.77N.71.140E, h10km

NEIC 28 03:31:18.5 2.0, 36.53N.0.06, 70.17E.0.07, h191km, 7km, mb4.0/8, Error ellipse: s-maj=9.9km s-min=6.6km az=218.0

NMC 28 03:31:23.4 1.6, 37.02N.70.36E, h204km, 14km, mb3.6, mpv4.6, Error ellipse: s-maj=14.7km s-min=11.1km az=15.0

ISC 28 03:31:18.8 0.5, 36.53N.0.05, 70.43E.0.06, h204km, n117, c1191/126, mb3.8/15, 5C-7D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBL Kabul, CHGR Chuyangaron, CEP Cherat, and KARMYK Karamyk.

1313

Table with columns: CHCP, THW, TAS, SARH, KSH, KSH, KSH, CHM, CHM, AML, DZA, DZA, DZA, DZA, DHRM, DHRM, DHRM, BRLS, BRLS, BRLS, BRLS, UCH, KK02, KK02, KKAR, MRKS, MRKS, EK52, AAK, AAK, AAK, AAK, AAK, KBK, FRU1, CHMS, BOOM, USP, TKM2, TKM2, TKM2, SGDS, SGDS, SGDS, TARG, KST, KST, KST, SMLA, SMLA, SMLA, DGS, DGS, DGS, DGS, MTBS, IZV, KRBS, KRBS, TNSS, TNSS, MDOK, MDOK, MDOK, KOTS, KOTS, KTBS, KTBS, KUU, KUU, KUU, BTLS, BTLS, SATY, SATY, ZHN, ZHN, UZB, UZB, UZB, BLB, BLB, KUDL, KUDL, JHNI, JHNI, MAKZ, MAKZ, MAKZ, PYUN, PYUN

2015 DEC

Table with columns: MK31, MK31, MKAR, MKAR, MKAR, KOLN, GKN, AB31, ABKAR, ABKAR, WMQ, WMQ, KURBB, KURBB, KKN, KURK, PKIN, PKI, GUN, BVAR, BRVK, BRVK, AKTO, AKTO, ZAAO, ZAAO, ZAAO, ZALV, ZALV, ARU, ARU, SONM, SONM, CMAR, CMAR, AKASG, AKASG, FINES, FINES, FINES, ARCES, ARCES, PSI, PSI, NB2, NB2, NOA, NOA, NC204, NC204, YHNB, YHNB, TORD, TORD, KOWA, KOWA, BMAR, BMAR, INK, INK, LBTB, LBTB, CAST, CAST, ILAR, ILAR, SCRA, SCRA, BCAR, BCAR, YKA, YKA, WRA, WRA, ASAR, ASAR

28d 3h

Table with columns: OK035, WMOK, WMOK, WMOK, KAN05, KAN01, KAN10, KAN06, KAN05, KAN16, KAN12, LOOK, LOOK, X37A, X37A, X37A, X37A, Z35A, Z35A, U38A, U38A, H3AR, H3AR, W39A, W39A, W39A, Z38A, Z38A, KSU1, KSU1, KSU1, ABTX, ABTX, CBKS, CBKS, CBKS, WHTX, WHTX, U40A, U40A, U40A, U40A, S39A, S39A, X40A, X40A, W40A, W40A, WHAR, WHAR, WHAR, FCAR, FCAR, MGMO, MGMO, MGMO, MSTX, MSTX, R40A, R40A, R40A, 435B, 435B, P38A, P38A, N33A, N33A, KSCO, KSCO, N35A, N35A, CCM, CCM, CCM, JCT, JCT, JCT, P40A, P40A, BGNE, BGNE, PBMO, PBMO, LPAR, LPAR, 143A, 143A, T25A, T25A, FVM, FVM, FVM, N38A, N38A, OGNE, OGNE, HALT, HALT, Y45A, Y45A, W45A, W45A, SDCO, SDCO, S44A, S44A, K31A, K31A, SCIA, SCIA, N41A, N41A, T44A, T44A, Q44A, Q44A, ISCO, ISCO, BARET, BARET, MNTX, MNTX, MNTX, Y22D, Y22D, L40A, L40A, OLIL, OLIL, ECSD, ECSD, PHWY, PHWY, L42A, L42A, SUSD, SUSD, JFWS, JFWS, JFWS, I40A, I40A, I40A, RSSD, RSSD, K22A, K22A, K43A, K43A, SPMM, SPMM, F33A, F33A

28d 6h

R53A	comp=Z,210nm,0.7s	I	Amb	I	Amb	07 01 23.7
R53A	comp=Z,210nm,0.7s	PcP	PcP	P	P	07 04 21.2 +0.1
L59A	Walton	29.93 339	I	Amb	I	07 01 24.6
PTLB	comp=Z,263nm,1.8s	eP	P	P	P	07 01 23.2 +0.6
PTLB	Pontes e Lacer	29.93 176	P	P	P	07 01 23.4 +0.8
PTLB	Pontes e Lacer	29.93 176	I	Amb	I	07 01 24.8
M57A	comp=Z,192nm,1.3s	P	P	P	P	07 01 24.2 +1.6
M57A	Sunshine Farm,	29.95 336	I	Amb	I	07 01 25.1
M57A	comp=Z,189nm,0.9s	PcP	PcP	P	P	07 04 22.0 +0.6
TRY	Troy	29.97 342	P	P	P	07 01 24.0 +1.2
FFD	Franklin Falls	30.09 345	I	Amb	I	07 01 25.2 +1.4
FFD	comp=Z,440nm,1.6s	PcP	PcP	P	P	07 04 22.3 +0.6
SWET	Sewanee	30.14 317	I	Amb	I	07 01 24.9 +0.5
SWET	comp=Z,231nm,1.3s	PcP	PcP	P	P	07 04 23.0 +1.0
J61A	Chester	30.21 344	I	Amb	I	07 01 26.1 +1.2
J61A	comp=Z,489nm,1.9s	I	Amb	I	Amb	07 01 27.4
S51A	Beattyville	30.25 323	P	P	P	07 01 25.5 +0.1
S51A	comp=Z,164nm,0.9s	I	Amb	I	Amb	07 01 27.3
BINY	Binghamton	30.27 338	P	P	P	07 01 26.3 +0.9
BINY	comp=Z,275nm,1.2s	I	Amb	I	Amb	07 01 27.8
BINY	Binghamton	30.27 338	P	P	P	07 01 26.3 +0.9
SIV	San Ignacio	30.39 179	P	P	P	07 01 27.4 +0.7
SIV	comp=Z,196nm,0.6s,baz=12,slo=7.3,SNR=127	LR				
I63A	Otsfield	30.39 347	I	Amb	I	07 01 29.2
I63A	comp=Z,352nm,1.4s	P	P	P	P	07 01 27.6 +1.0
P53A	Whipple	30.39 328	I	Amb	I	07 01 28.8
P53A	comp=Z,248nm,1.3s	I	Amb	I	Amb	07 01 29.0
I62A	Tamworth	30.40 346	I	Amb	I	07 01 29.3
I62A	comp=Z,254nm,1.6s	I	Amb	I	Amb	07 01 29.3
O54A	Avella	30.43 331	I	Amb	I	07 01 29.3
O54A	comp=Z,291nm,1.2s	I	Amb	I	Amb	07 01 27.4 +0.4
X48A	Hartselle	30.44 315	P	P	P	07 01 29.1
Q52A	Bidwell	30.46 327	I	Amb	I	07 01 28.5
Q52A	comp=Z,393nm,1.4s	I	Amb	I	Amb	07 01 28.3 +1.0
HNH	Hanover	30.48 344	P	P	P	07 01 29.3
HNH	comp=Z,381nm,1.5s	I	Amb	I	Amb	07 01 26.6 -1.5
NNA	Nana	30.53 211	P	P	P	07 01 26.6 -1.5
NNA	comp=Z,43nm,0.5s,baz=13,slo=7.8,SNR=34	ScP	ScP	P	P	07 07 52.5 +1.2
NNA	comp=Z,11nm,0.8s,baz=61,slo=2.4,SNR=4.7	ceP	ceP	P	P	07 01 26.5 -1.5
NNA	Nana	30.53 211	pmax	pmax		
NNA	comp=Z,86nm,0.7s	P	P	P	P	07 01 26.1 -1.9
ACCN	Adirondack Com	30.57 342	I	Amb	I	07 01 28.4 +0.3
ACCN	comp=Z,187nm,1.2s	I	Amb	I	Amb	07 01 30.3
T50A	Nancy	30.58 321	P	P	P	07 01 29.1 +0.9
T50A	comp=Z,266nm,1.1s	I	Amb	I	Amb	07 01 31.4
346A	Big Creek Wild	30.65 308	I	Amb	I	07 01 31.4
346A	comp=Z,291nm,1.4s	I	Amb	I	Amb	07 01 31.6
WVL	Waterville	30.69 348	I	Amb	I	07 01 31.6
WVL	comp=Z,256nm,1.2s	I	Amb	I	Amb	07 01 30.1 +0.8
GBN	Guysborough	30.72 360	P	P	P	07 01 31.4
GBN	comp=Z,174nm,1.3s	I	Amb	I	Amb	07 01 31.9
M55A	Ridgway	30.74 334	P	P	P	07 01 30.6 +1.0
M55A	comp=Z,276nm,1.0s	I	Amb	I	Amb	07 01 32.4
M55A	GGN	30.78 352	I	Amb	I	07 01 32.4
M55A	comp=Z,432nm,1.4s	I	Amb	I	Amb	07 01 31.4 +1.2
L56A	Greenwood	30.80 336	P	P	P	07 01 32.3
L56A	comp=Z,132nm,0.8s	PcP	PcP	P	P	07 04 24.0 +0.4
SALV	Santo Antonio	30.82 169	eP	P	P	07 01 31.2 +0.7
U49A	Red Boiling Sp	30.83 320	I	Amb	I	07 01 31.0 +0.6
U49A	comp=Z,108nm,0.7s	PcP	PcP	P	P	07 04 24.4 +0.7
U49A	Moraine State	30.86 332	I	Amb	I	07 01 33.2
U49A	comp=Z,304nm,1.1s	P	P	P	P	07 01 31.7 +1.0
N54A	Moraine State	30.86 332	P	P	P	07 01 31.7 +1.0
N54A	comp=Z,143,SNR=37	P	P	P	P	07 01 31.4 +0.5
P52A	Corning	30.88 328	P	P	P	07 01 31.4 +0.5
P52A	comp=Z,138,SNR=45	P	P	P	P	07 01 31.6 +0.6
O53A	New Philadelph	30.89 330	I	Amb	I	07 01 31.6 +0.6
O53A	comp=Z,342nm,1.3s	PcP	PcP	P	P	07 04 24.6 +0.8
O53A	New Philadelph	30.89 330	P	P	P	07 01 31.5 +0.6
O53A	comp=Z,140,SNR=30	P	P	P	P	07 01 31.7 +0.9
LBNH	Lisbon	30.89 345	I	Amb	I	07 01 31.7 +0.9
LBNH	comp=Z,226nm,1.2s	PcP	PcP	P	P	07 04 24.4 +0.7
LBNH	Lisbon	30.89 345	I	Amb	I	07 01 31.3 +0.9
LBNH	comp=Z,180,SNR=14	I	Amb	I	Amb	07 01 31.8
J59A	Piesco	30.89 341	I	Amb	I	07 01 31.3
J59A	comp=Z,310nm,1.6s	P	P	P	P	07 01 31.7 +0.5
K57A	Scipio Center	30.92 338	P	P	P	07 01 33.1
K57A	comp=Z,346nm,1.4s	PcP	PcP	P	P	07 04 24.1 +0.2
K57A	Cedars of Leba	30.93 318	I	Amb	I	07 01 33.4
K57A	comp=Z,552nm,1.8s	P	P	P	P	07 01 32.3 +1.0
146A	Union	30.93 310	P	P	P	07 01 33.8 +1.8
146A	comp=Z,458nm,1.4s	PcP	PcP	P	P	07 04 24.8 +0.7
H62A	Milan	31.02 346	I	Amb	I	07 01 34.9
H62A	comp=Z,228nm,1.2s	I	Amb	I	Amb	07 01 33.2 +0.9
H62A	Remsen	31.05 340	P	P	P	07 01 34.2 +0.5
H62A	comp=Z,155nm,1.1s	P	P	P	P	07 01 33.6 +0.9
J58A	Peebles	31.09 326	I	Amb	I	07 01 33.9
J58A	comp=Z,132nm,0.9s	PcP	PcP	P	P	07 04 24.3 -0.1
Q51A	Adamsville	31.09 329	I	Amb	I	07 01 33.1 +0.4
Q51A	comp=Z,427nm,1.5s	PcP	PcP	P	P	07 04 24.9 +0.6
O52A	Paris	31.12 324	P	P	P	07 01 34.2 +1.2
R50A	R50A	31.12 324	I	Amb	I	07 01 35.6
R50A	comp=Z,371nm,1.4s	I	Amb	I	Amb	07 01 34.0 +1.0
N53A	Lisbon	31.14 331	P	P	P	07 01 35.5
N53A	comp=Z,362nm,1.2s	PcP	PcP	P	P	07 04 25.6 +1.1
N53A	Oil Creek Stat	31.16 333	I	Amb	I	07 01 34.5 +1.3
N53A	comp=Z,155nm,1.1s	I	Amb	I	Amb	07 01 34.1 +0.8
M54A	Oil Creek Stat	31.16 333	P	P	P	07 01 34.8 +1.4
M54A	comp=Z,144,SNR=18	P	P	P	P	07 01 34.8 +1.4
VT1	Waterbury	31.18 344	I	Amb	I	07 01 35.8
VT1	comp=Z,214nm,1.4s	I	Amb	I	Amb	07 01 34.9 +0.7
P51A	Williamsport	31.26 327	P	P	P	07 01 34.9 +0.7
P51A	comp=Z,252nm,0.8s	I	Amb	I	Amb	07 01 36.0
NCB	Newcomb	31.27 342	P	P	P	07 01 35.0 +0.8
NCB	comp=Z,184nm,1.1s	I	Amb	I	Amb	07 01 35.1 +0.7
LMN	Caledonia Moun	31.29 355	P	P	P	07 01 36.7
LMN	comp=Z,351nm,1.2s	PcP	PcP	P	P	07 04 23.7 -1.1
LMN	Peaks-Kenny Pk	31.30 349	I	Amb	I	07 01 36.7
LMN	comp=Z,292nm,1.8s	I	Amb	I	Amb	07 01 35.1 +0.7
PKME	Peaks-Kenny Pk	31.30 349	P	P	P	07 01 35.6 +0.9
PKME	comp=Z,165,SNR=10	P	P	P	P	07 01 36.9
J57A	Williamstown	31.33 339	P	P	P	07 01 36.9
J57A	comp=Z,344nm,1.4s	I	Amb	I	Amb	07 04 25.4 +0.5
J57A	comp=Z,344nm,1.4s	PcP	PcP	P	P	

2015 DEC

LPAZ	La Paz	31.40 193	eP	P	P	07 01 36.2 -0.1	
LPAZ	comp=Z,182nm,1.0s	I	Amb	I	Amb	07 02 15.0	
SDBY	SAO DESIDERIO	31.40 148	eP	P	P	07 01 35.0 -0.7	
MMNY	Mt. Morris Dam	31.44 336	I	Amb	I	07 01 35.4 +0.7	
MMNY	comp=Z,445nm,1.5s	PcP	PcP	P	P	07 04 25.7 +0.5	
MMNY	Pickwick Lake	31.44 315	P	P	P	07 01 36.8 +0.9	
PLAL	West Valley, N	31.45 335	P	P	P	07 01 36.5 +0.2	
WVNY	West Lake, N	31.45 335	P	P	P	07 01 36.5 +0.7	
WVNY	comp=Z,211nm,0.8s	I	Amb	I	Amb	07 04 25.8 +0.4	
ALLY	Alegheny Colle	31.48 333	I	Amb	I	07 01 38.1	
G62A	West of Eustis	31.50 348	P	P	P	07 01 38.0 +1.8	
G62A	comp=Z,331nm,1.3s	I	Amb	I	Amb	07 01 39.0	
G62A	Wolcott	31.52 338	I	Amb	I	Amb	07 04 25.9 +0.5
J56A	comp=Z,268nm,1.4s	I	Amb	I	Amb	07 01 38.0	
ARAG	Araguaiana, MT	31.56 162	eP	P	P	07 01 37.7 +0.7	
M53A	WI Miller and	31.56 332	P	P	P	07 01 37.8 +1.0	
M53A	comp=Z,205nm,1.1s	I	Amb	I	Amb	07 01 37.2 +0.4	
M53A	WI Miller and	31.56 332	P	P	P	07 01 37.2 +0.4	
R49A	Shelbyville	31.61 323	P	P	P	07 01 37.9 +0.6	
R49A	comp=Z,280nm,1.4s	I	Amb	I	Amb	07 01 39.6	
R49A	Westbrook Farm	31.66 307	I	Amb	I	Amb	07 04 25.9 +0.1
344A	comp=Z,229nm,1.3s	PcP	PcP	P	P	07 01 40.0	
F63A	Nahmakanta, Br	31.69 350	I	Amb	I	Amb	07 01 39.9
F64A	Sherman	31.72 351	I	Amb	I	Amb	07 01 40.5
F64A	comp=Z,453nm,1.6s	I	Amb	I	Amb	07 01 38.8	
ACSO	Alum Creek Sta	31.76 328	P	P	P	07 01 38.8 +0.2	
ACSO	comp=Z,138,SNR=45	PcP	PcP	P	P	07 04 25.2 -0.9	
ACSO	Alum Creek Sta	31.76 328	P	P	P	07 01 39.5 +0.9	
ERPA	Erie	31.79 333	I	Amb	I	Amb	07 01 40.8
ERPA	comp=Z,97nm,0.8s	P	P	P	P	07 01 39.4 +0.6	
ERPA	Erie	31.79 333	P	P	P	07 01 39.4 +0.6	
ERPA	comp=Z,144	P	P	P	P	07 01 40.9 +1.7	
VBMS	Vicksburg	31.83 309	P	P	P	07 04 27.6 +1.1	
VBMS	comp=Z,229nm,1.3s	PcP	PcP	P	P	07 01 40.4 +1.2	
VBMS	Vicksburg	31.83 309	P	P	P	07 01 41.2	
VBMS	comp=Z,117,SNR=12	I	Amb	I	Amb	07 01 39.3 -0.2	
J55A	Hilton	31.86 343	P	P	P	07 01 40.9 +1.2	
J55A	comp=Z,229nm,1.1s	I	Amb	I	Amb	07 01 39.3 -0.2	
FRNY	Flat Rock	31.88 343	P	P	P	07 01 40.9 +1.2	
Y45A	Yeager Farm, C	31.89 312	P	P	P	07 04 27.7 +1.0	
W47A	Waverly	31.93 317	P	P	P	07 01 39.7 -0.3	
W47A	comp=Z,167nm,0.7s	pmax	pmax			07 04 27.1	
W47A	Waverly	31.93 317	P	P	P</		

1319

Table with columns: Station ID, Name, Location, Frequency, Power, and other technical details. Includes stations like DIAM, WHTX, WHTX, H43A, H43A, PCMB, TUL1, etc.

Table with columns: Station ID, Name, Location, Frequency, Power, and other technical details. Includes stations like ECSD, EROS Data Cent, AC02, Maricunga, MSTX, Muleshoe, etc.

Table with columns: Station ID, Name, Location, Frequency, Power, and other technical details. Includes stations like PEL, Peldehue, PEL, PEL, PEL, etc.

28d 6h

28d 6h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like IRM Iron Mountain, AVE Averroes, PSBE So Bento, etc.

2015 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BFSC Mount Baldy Ra, PBRG Braganca, MPMC Manual Prospec, etc.

1320

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like C09A Chrisman Ranch, D08A Wollman Farm, SAO San Andreas Ge, etc.

1321

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes stations like ESV Stoneyptech, WISH Wisnakh, EDMD Edmundbyers, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes stations like SKAR Skarslia, BSEB Bad Segeberg, ASSE Asse, etc.

28d 6h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes stations like GEC2 GERRES Array S, GEC2 GERRES Array S, GEC2 GERRES Array S, etc.

28d 6h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like M27K Edge Creek, HSPB Hornsund, TRO Tromsø, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like POKR Pokar Plat Res, KWP Kalwaria Pacia, TRPA Tarpa, etc.

1322

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VSU Vasula, IIGN Ignalina, NEO Neokhori, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GADA, IDI, ENEZ, Q19K, SIGR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ISP, KORT, KORT, ANM, CHNA, etc.

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

25th 7h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

ADC 28 07:08:24.3-0.5, 51.18N, 179.47E, h0km, mb4.6/33, mb1 4.7/34, mb1mx4.7/49, mbtmp4.6/34, MLS.3/1, MS3.4/23, MS1 4.3/23, ms1mx4.2/44 Error ellipse: s-maj=16.3km s-min=10.6km az=158.0
AEIC 28 07:08:28.5-2.2, 51.0N, 0.1-1.79, 39E, 0.08, h28km, 2km, M.L4.8/23, mb4.9/32(NEIC), Error ellipse: s-maj=15.5km s-min=7.2km az=171.0
BUJ 28 07:08:28.9-0.0, 51.32N, 179.43E, h50km, mb5.2/33, mb4.9/56, Ms4.9/33, Ms7 4.6/33
MOS 28 07:08:29.7-1.0, 51.19N, 179.39E, h49km, mb5.1/76, Error ellipse: s-maj=6.4km s-min=5.2km az=100.4
GCMT 28 07:08:29.5-0.3, 51.07N, 0.02-1.79, 53E, 0.04, h22km, 1km, MW5.2/94, Moment Tensor Solution. s22,c62; s94,c134, Duration: 0 Moment tensor: Scale: 10^19Nm, M15, 16z, 28; M15, 4.5z, 19; M15, 0.5z, 19; M15, 3.7z, 30; M15, 1.5z, 11; M15, 1.6z, 27. Best double couple: M: 6.63200e+16 N1: 253.00000e+16, S25.00000e+16, A9.00000e+16. Principal axes: T: 6.6570, Plg70.0000e+16, Azm335.0000e+16; N: -0.0520, Plg2.0000e+16, Azm70.0000e+16; P: -6.6070, Plg20.0000e+16, Azm160.0000e+16; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
NEIC 28 07:08:31.7-1.6, 51.2N, 0.1-1.79, 41E, 0.09, h49km, 6km Error ellipse: s-maj=16.3km s-min=7.6km az=172.0
ISC 28 07:08:30.7-0.5, 51.19N, 0.07-1.79, 42E, 0.03, h45km, 4km, h44km: P-P, N-P, S-P, 1133/861, mb4.9/249, MS4.5/39, 33C-10D, Rat 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 Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

2015 DEC

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

1324

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

1325

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M26K Nabesna, AK and M26K Nabesna, AK.

2015 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NLWA Neilton Lookou and CN2 Changchun.

28d 7h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CMB Columbia Colle and CMB Columbia Colle.

0:125.00000°, 881.00000°, λ-16.00000°. NP2:
 0:217.00000°, 874.00000°, λ-171.00000°
JMA 28 11:07:49.1, 33°64N, 130°28E, h12km, M3.9 Broadband
 fault plane solution: P waves. NP1:0:222.00000°,
 879.00000°, λ-171.00000°. NP2:0:130.00000°,
 881.00000°, λ-11.00000°. Principal axes: T P1g1.0000°,
 Azm176.0000°, N P1g76.0000°, Azm270.0000°; P
 P1g14.0000°, Azm86.0000°;
JMA Felt III J1
 ISC 28 11:07:49.0, 33.633N, 0:05:130.29E, 0:04, h15km, 10km,
 n25, 0:050/32, 3C-2D, **Kyushu**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
					h m s	h m s	ISC
JFI	Iitaya	0.22	158	Op	Pg	11 07 54.0	0.0
JFI				S	Pg	11 07 55.2	+0.2
JFA	Akaikai	0.43	79	Op	Pg	11 07 57.5	-0.1
JFA				S	Pg	11 08 03.5	+0.1
JJI	Iki	0.49	289	Op	Pg	11 07 58.7	0.0
JJI				S	Pg	11 08 05.4	+0.1
JTA	Tamana	0.70	163	Op	Pg	11 08 02.5	-0.1
JTA				S	Pg	11 08 11.9	+0.1
JTSM	Tsushimamitsus	1.03	313	Op	Pb	11 07 07.9	-0.6
JTSM				S	Pb	11 08 21.1	-0.8
KSBUS	Busan	1.88	329	P	P	11 08 21.0	+0.3
KSBUS				S	P	11 08 47.0	+0.6
YKDB	Yokjido	1.94	301	P	Pn	11 08 21.5	0.0
YKDB				S	P	11 08 25.1	-0.1
YNDB	Yeondo	2.21	292	P	P	11 08 56.4	+0.4
YNDB				S	P	11 08 28.2	+0.2
KSDAG	Daegu	2.42	332	P	Pn	11 08 28.2	+0.2
KSDAG				S	P	11 08 31.7	0.0
KOHB	KOHEUNG	2.69	292	P	Pn	11 08 31.7	0.0
KOHB				S	P	11 08 31.7	0.0
BOSB	Boseong-gun	2.79	295	P	Pn	11 08 33.1	0.0
BOSB				S	P	11 08 33.1	0.0
KSKWJ	Gwangju	3.12	300	P	Pn	11 08 39.0	+1.3
KSKWJ				S	P	11 08 39.0	+1.3
KSULJ	Ulljin	3.15	347	P	Pn	11 08 38.2	+0.2
KSULJ				S	P	11 08 38.2	+0.2
KSJEU	Jeongeup	3.33	305	P	Pn	11 08 41.0	+0.4
KSJEU				S	P	11 08 41.0	+0.4
KSJEU	Jeonju	3.37	314	P	Pn	11 08 42.0	+0.9
KSJEU				S	P	11 08 42.0	+0.9
MNYD	Munyeodo	3.85	305	P	Pn	11 08 48.0	+0.3
MNYD				S	P	11 08 48.0	+0.3
OYDB	Oyeondo	4.32	308	P	Pn	11 08 54.3	+0.1
OYDB				S	P	11 08 54.3	+0.1

ISC 28 11:17:22.5, 1.7, 5:30S, 152:36E, h0km, mb3.5/5,
 mb1 3.8/5, mb1mx3.3/31, mbtmp3.5/5, MS3.8/1, Ms1 3.8/1,
 ms1mx2.7/22, Error ellipse: s-maj=85.1km s-min=24.6km
 az=125.0
ISC 28 11:17:29.0, 1.7, 5:30S, 152:2E, 0.5, h45km, n7, 0:172/6,
mb3.5, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
					h m s	h m s	ISC
WRA	Warramunga Arr	22.68	229	Op	Pg	11 22 25.1	-1.7
ASAR	Alice Springs	25.39	222	P	P	11 22 53.4	+1.1
FITZ	Fitzroy Cross	28.92	242	LR	LR	11 34 41.0	
MKAR	Makanchi Array	80.36	319	P	P	11 29 36.1	+0.4
ILAR	Eielson Array	82.86	22	P	P	11 29 47.0	-1.5
YKA	Yellowknife Arr	96.15	28	P	P	11 30 52.3	+0.5
TORD	Torod Arr, Bea	149.94	287	PKPbc	PKIKP	11 37 17.9	+1.5

THE 28 11:24:00.5, 37°52N, 24°16E, h13km, 1km, ML2.5/8, Error
 ellipse: s-maj=1.9km s-min=0.8km az=284.0
ATH 28 11:24:00.7, 37°53N, 24°16E, h16km, 2km, ML2.6/11, Error
ellipse: s-maj=2.7km s-min=0.8km az=359.0
ISC 28 11:24:00.4, 0.3751N, 0:02:24.15E, 0:03, h17km, 12km,
n25, 0:092/42, Southern Greece

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
					h m s	h m s	ISC
VLY	Voula, Athens	0.44	320	Op	Pg	11 24 09.4	+0.1
VLY				S	Pg	11 24 15.3	-0.1
VLY				S	Pg	11 24 15.4	0.0
VLY				AML	AML	11 24 15.5	
VLY				AML	AML	11 24 15.5	
ATH	Athens Observa	0.57	323	P	Pg	11 24 11.9	+0.2
ATH				S	Pg	11 24 19.4	+0.1
ATH				AML	AML	11 24 20.5	
ATH				AML	AML	11 24 21.6	
PTL	Penteli	0.58	337	P	Pg	11 24 12.0	+0.1
PTL				S	Pg	11 24 19.5	-0.2
PTL				S	Pg	11 24 12.1	+0.2
PTL				AML	AML	11 24 21.1	
PTL				AML	AML	11 24 22.9	
DION	Dionisos Attik	0.59	343	P	Pg	11 24 12.2	+0.1
DION				S	Pg	11 24 20.1	+0.1
DION				S	Pg	11 24 12.2	+0.1
DION				AML	AML	11 24 19.4	-0.5
DION				AML	AML	11 24 20.6	
KRND	KRANIDI	0.81	261	P	Pg	11 24 15.7	-0.4
KRND				S	Pg	11 24 27.9	+1.2
KRND	KRANIDI	0.81	261	P	Pg	11 24 15.9	-0.2
KRND				S	Pg	11 24 27.3	+0.5
KRND				AML	AML	11 24 28.9	
KRND				AML	AML	11 24 30.4	
TNSA	Tinos	0.81	88	P	Pg	11 24 15.6	-0.5
TNSA				S	Pg	11 24 26.9	+0.1
TNSA				AML	AML	11 24 28.6	
TNSA				AML	AML	11 24 29.0	
MHLO	Agia Marina, M	0.85	166	P	Pg	11 24 17.4	+0.5
MHLO				S	Pg	11 24 28.2	+0.1
MHLO				S	Pg	11 24 16.7	-0.2
MHLO				AML	AML	11 24 30.9	
MHLO				AML	AML	11 24 32.2	
LTK	Loutiraki	1.06	299	P	Pg	11 24 20.0	-1.0
LTK				S	Pg	11 24 34.4	+0.6
LTK				AML	AML	11 24 34.8	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
					h m s	h m s	ISC
LTK				AML	AML	11 24 36.7	
KYMI	Kymi, Euboea I	1.12	358	P	Pg	11 24 21.0	-1.0
KYMI				S	Pg	11 24 36.0	-0.7
KYMI	Kymi, Euboea I	1.12	358	P	Pg	11 24 21.0	-1.0
KYMI				AML	AML	11 24 38.6	
KYMI				AML	AML	11 24 40.5	
APE	Apeiranthos	1.19	112	P	Pg	11 24 22.7	-0.7
APE				S	Pg	11 24 37.4	-1.5
APE				AML	AML	11 24 21.7	-1.7
APE				AML	AML	11 24 39.3	
VLI	Vellai	1.25	231	P	Pg	11 24 22.1	-2.5
VLI				S	Pg	11 24 40.6	-0.3
SKY	Skiros Island	1.40	13	P	Pn	11 24 25.0	-0.1
LKR	Lokris	1.45	322	P	Pn	11 24 26.5	+0.7
LKR	Lokris	1.45	322	P	Pn	11 24 26.8	+0.9
LKR				AML	AML	11 24 51.1	
LKR				AML	AML	11 24 52.8	
THR9	Santorini-Faro	1.51	140	P	Pn	11 24 29.9	+3.4
KTHA	Kythira Island	1.53	215	P	Pn	11 24 26.2	-0.7
KLV	Kalavryta, Ach	1.67	289	P	Pn	11 24 29.1	+0.2

ISC 28 11:47:05.5, 1.9, 7:64S, 31:72E, h0km, mb3.6/2, mb1 3.9/3,
 s-maj=1mx3.5/35, mbtmp3.9/3, ML4.0/1, Error ellipse:
 s-maj=45.4km s-min=24.9km az=122.0
LSZ 28 11:47:06.1, 0.3, 7:55S, 32:36E, h10km, MD3.4, ML4.4
ISC 28 11:47:04.6, 1.0, 7:25S, 0:06, 31:16E, 0:09, h10km, n9,
0:132/13, Lake Tanganyika region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
					h m s	h m s	ISC
KSMZ	Kasama	2.91	179	i	P	11 47 52.0	+0.9
KSMZ				i	P	11 47 52.0	
KSMZ				AMP	P	11 47 53.0	
KSMZ				i	S	11 48 25.5	-0.7
KSMZ				i	S	11 47 57.0	+0.9
KSMZ				AMP	P	11 47 53.0	
KSMZ				i	S	11 48 25.5	-0.7
DODT	Dodoma, Tanzania	4.68	77	P	Pn	11 48 16.7	+1.3
DODT				S	Pn	11 49 09.5	-0.4
MBAR	Mbarara	6.62	356	eP	Pn	11 48 43.9	+1.8
MBAR				eP	Pn	11 49 55.9	-1.8
LSZ	Lusaka	8.49	200	eP	S	11 49 08.0	+0.1
LSZ				S	Pn	11 50 36.0	-8.0
KMBO	Kilima Mbojo	8.59	45	Pn	Pn	11 49 10.6	+1.2
KMBO				S	Pn	11 50 44.4	-2.2
KMBO				Lg	Lg	11 51 35.0	
ZOMB	Zomba	9.07	153	P	Pn	11 49 15.4	-0.3
ZOMB				S	Pn	11 50 50.3	-7.7
BOSA	Boshof	21.97	194	P	P	11 51 58.6	-0.3
BOSA				Lg	Lg	11 58 30.3	
TORD	Torodi Arr, Bea	35.60	305	P	P	11 54 10.9	+8.1
TORD				AML	AML	11 54 10.9	+8.1

BUL 28 11:48:30.0, 0.7, 16:39S, 34:12E, h0km, 813km, MD4.5
 EAF 28 11:48:31.2, 2.1, 16:17S, 33:72E, h0km, 688km, MD4.9
 ISC 28 11:48:31.9, 1.8, 16:21S, 0:10, 33:7E, 0:2, h10km, n9,
 0:144/10, Mozambique

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
					h m s	h m s	ISC
TETE	Tete	0.11	309	i	Pg	11 48 33.7	-0.9
TETE				P	Pg	11 48 33.7	-0.9
MATP	Matopos	6.45	229	i	Pn	11 50 08.6	+1.5
MATP				Pn	11 50 08.6	+1.5	
MSNA	Messina	7.00	209	i	Pn	11 50 12.9	-1.7
MSNA				Pn	11 50 12.9	-1.7	
MOPA	Mopani	7.57	196	i	Pn	11 50 23.3	+0.9
MOPA				Pn	11 50 23.3	+0.9	
KIL	Kilembe	16.70	347	eP	Pn	11 52 26.1	-0.2
KIL				Pn	11 52 29.9	+1.2	

ISC 28 12:19:28.2, 10.0, 14:95S, 167:50E, h102km, 115km,
 mb3.6/3, mb1 3.7/4, mb1mx3.4/22, mbtmp3.8/4, ML2.9/1,
 Error ellipse: s-maj=244.6km s-min=66.2km az=87.0,
 Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC</
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28d 13h

Table with columns: SOTA, Sankt Quirin, comp=Z,5.9nm,0.4s, 5.38 218 ePn Pn 12 32 32.3 +1.9, etc.

IDC 28 12:44:57.3-2.0, 20:25:68:99W, h0km, mb4.0/2, mb1 4.1/2, mb1mx3.7/16, mbtimp4.1/2, Error ellipse: s-maj=214.1km s-min=49.3km az=164.0

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

2015 DEC

Table with columns: TA01, IOPC Station P, 1.66 322 I/P Pn Pn 12 45 46.6 +0.3, etc.

IDC 28 13:05:51.2-0.5, 7:45S:130:73E, h0km, mb3.7/2, mb1 4.1/4, mb1mx3.6/27, mbtimp4.0/4, ML4.3/2, Error ellipse: s-maj=140.3km s-min=26.4km az=68.0

ISC 28 13:06:03.6-0.5, 6:55 S:3:13 O:0.0, h199km, 10km, M4.5/8, mb4.4/4, mb4.9/2, MLV4.5/8, MW(m)B4.1/2, NEIC 28 13:06:05.4-0.8, 5:73S:0:09:130:2E:0.1, h152km, 12km, mb4.3/7, Error ellipse: s-maj=16.1km s-min=13.2km az=100.0

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

IDC 28 13:32:47.9-1.1, 5:09S:152:69E, h0km, mb4.0/9, mb1 2/10, mb1mx4.0/29, mbtimp4.0/10, ML1.81, MS3.2/6, Mb1 3.2/6, ms1mx2.9/39, Error ellipse: s-maj=44.5km s-min=18.0km az=129.0

ISC 28 13:32:55.4-1.1, 5:25S:0:2:152:6E:0:2, h55km, n17, c072/13, mb4.0/9, MS3.3/5, New Britain region

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

1332

Table with columns: WRA, Warramunga Arr, 23.27 229 P P 13 44 45.1 0.0, etc.

SSNC 28 13:40:18.9-1.3, 19:51N:75:55W, h2km, 6km, MD2.7, ML2.3, MW2.7, Cuba region

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

ATH 28 13:44:06.4, 40:22N:19:13E, h15km, 4km, ML2.4/4, Error ellipse: s-maj=4.8km s-min=1.4km az=184.0

THE 28 13:44:07.0, 40:28N:19:28E, h0km, 5km, ML2.5/3, Error ellipse: s-maj=5.0km s-min=3km az=265.0

TIR 28 13:44:07.6, 40:35N:19:46E, h13km, Md2.8, M12.7, ISC 28 13:44:04.6-1.4, 40:30N:0:03:19:17E:0:04, h7km, 10km, n44, c1513/67, Albania

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

NEST Nestorio, 1.44 85 P P 13 44 32.0 +0.2

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

CRAAG 28 13:48:08.0,36.44N:1.70E,M3.6
LDG 28 13:48:09.0,36.48N:1.56E,h10km,M2.9/8,Error
ellipse: s-maj=5.0km s-min=2.7km az=152.0

MDD 28 13:48:10.3,0.6,36.45N:1.59E,h19km,8km,mb4.2/8,
Error ellipse: s-maj=8.2km s-min=5.0km az=163.0,
PRXIMO

CNRM 28 13:48:14.6,36.35N:1.33E,h91km,m3.1
ISC 28 13:48:09.1,1.1,36.47N:0.05:1.63E:0.04,h23km,12km,
n73,c174/113,Northern Algeria

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like EBNR, ECHA, ECHF, etc., with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like PVAQ, PVAQ, PVAQ, etc., with their respective coordinates and parameters.

ISC 28 13:50:44.9,3.8,38.63N:20.69E,h0km,mb3.8/4,
mb1 3.7/6,mb1mx3.4/49,mbtmp3.7/6,ML3.1/2,Error
ellipse: s-maj=81.3km s-min=21.6km az=50.0

ATH 28 13:50:45.4,38.45N:20.52E,h7km,1km,ML2.9/8,Error
ellipse: s-maj=2.0km s-min=0.6km az=110.0

THE 28 13:50:45.5,38.44N:20.53E,h0km,2km,ML3.2/5,Error
ellipse: s-maj=2.6km s-min=0.5km az=83.0

ISC 28 13:50:44.7,0.8,38.46N:0.02:20.47E:0.03,h12km,5km,
n58,c147/88,mb3.8/4,Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like FSK, FSK, FSK, etc., with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like UDBI, UDBI, UDBI, etc., with their respective coordinates and parameters.

IDC 28 14:05:10.1,1.6,1.15N:125.73E,h0km,mb3.7/3,
mb1 3.9/4,mb1mx3.6/37,mbtmp3.7/4,ML3.3/1,Error
ellipse: s-maj=113.6km s-min=23.6km az=68.0,

Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like FITZ, FITZ, FITZ, etc., with their respective coordinates and parameters.

BUI 28 14:08:57.8,0.0,17.85S:172.25W,h10km,mb5.4/3,
mb5.0/17,MS4.9/2,MS7.4/2

IDC 28 14:08:58.0,0.9,18.05S:172.53W,h0km,mb4.5/14,
mb1 4.7/15,mb1mx4.5/32,mbtmp4.5/15,ML3.9/1,MS3.9/6,
ML3.9/6,ms1mx3.5/40,Error ellipse: s-maj=39.4km
s-min=16.6km az=152.0

NOU 28 14:09:00.9,17.70S:172.14W,h0km,mb5.0/12,Tonga
Islands Region

NEIC 28 14:09:01.4,1.2,17.65S:0.1:172.9W:0.1,h10km,1km,
mb4.8/52,Error ellipse: s-maj=18.1km s-min=16.0km
az=135.0

ISC 28 14:09:01.6,0.5,17.55S:0.1:172.9W:0.1,h10km,n161,
c174/148,mb4.7/43,MS3.8/7,20C-10D,Tonga Islands
region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like NIUE, NIUE, NIUE, etc., with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, H m s, I SC. Includes stations like SHEM Shemya Is, Ala, MJAR Matsushiro Arr, JAGI Jajaj, OSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, H m s, I SC. Includes stations like GLKZ Green Lake, RAO Raoul Island, KUZ Omahuta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, H m s, I SC. Includes stations like CTA Charters Tower, CTAO Charters Tower, BKZ Black Stump Fm, etc.

28d 14h

Table with columns: Station, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like DRS, WRAB, WARRAMUNGA ARR, TENNANT CREEK, etc.

2015 DEC

Table with columns: Station, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like PETK, Chengdu, MA2, GUN, Vnda, etc.

1336

Table with columns: Station, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like TTA, TTA, TTA, TIXI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JHS Saijiyo, MJAR Natsushiro Arr, MAJO Matsuhiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for KAN06 Argonia West S, KAN10 Anthony SW Sta, W35A Tecumseh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for mB5.6/53, mB5.3/74, MLV5.5/19, MW(mB)5.1/53, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 28 16:19:39.2, 803.0, 29.69N, 104.61E, h0km, Error ellipse: s-maj=375.1km, s-min=216.9km, az=71.0, Sichuan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 28 16:25:57.9, 0.4, 3.84S, 128.22E, h0km, mb4.9/31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AAI Ambon, MSAI Masohi, BNDI Bandanaira, etc.

28d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMRI, UGM, Wanaqama, etc.

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like BBOO, RMQ, RPSI, etc.

1340

Table with columns for station name, frequency, power, and other technical details. Includes stations like KS19, ONTNC, Wenu Array, etc.

MDJ	sP	sP	16 35 01.5 +4.5	PET	Petropavlovsk	62.18	20cP	P	16 36 22.5 +1.7	KURK	Kurchatov	69.01	329	P	P	16 37 03.5 -1.5				
MDJ	PP	PP	16 36 36.0 +2.2	PET	PET			Pmax		SEY	Seymchan	69.08	12	P	P	16 37 04.9 -0.3				
MDJ	S	S	16 41 43.3 +5.6	PET	PET					DZA	Taraz	69.28	319	eP	P	16 37 06.0 -0.9				
MDJ	comp=Z,18nm,1.8s	pmax		PET	Petropavlovsk	62.18	20	P	16 36 19.7 -1.1	DZA	Taraz	69.28	319	eP	P	16 37 06.0 -0.9				
MDJ	comp=Z,200nm,3.5s	pmax		BOD	Bodaibo	62.58	351	P	16 36 23.3 -0.1	IUG	Luzhnyy	69.82	318	eP	P	16 37 09.1 -1.3				
MDJ	comp=Z,700nm,14.5s	LR	LR	CASY	Casey	63.53	188	P	16 36 29.1 -0.5	IUG	Luzhnyy	69.82	318	eP	P	16 37 09.1 -1.3				
MDJ	comp=Z,570nm,20.6s	LR	LR	ZSN	Zaisan	63.76	329	eP	16 36 29.9 -1.7	KKAR	Karatay Array	69.92	319	P	P	16 37 08.3 -2.5				
MDJ	comp=Z,1um,25.0s	LR	LR	ZSN	Zaisan	63.76	329	eP	16 36 29.9 -1.7	KKAR	Karatay Array	69.92	319	P	P	16 37 08.3 -2.5				
PALK	Pallekete	46.81	283	P	P	16 34 46.3 +0.8	NIL	Nilore	63.94	310	P	P	16 36 31.1 -1.9	BRLS	Boroday	70.33	318	eP	P	16 37 12.3 -1.1
LSA	comp=Z,6.1nm,0.7s,baz=190,slow=11,SNR=1.7	P	P	16 34 46.5 +0.7	NIL	Nilore	63.94	310	IAMB	IAMB	16 36 31.1 -1.9	BRLS	Boroday	70.33	318	eP	P	16 37 12.3 -1.1		
LSA	Lhasa	48.82	316	P	P	16 34 45.3 -0.5	DGZ	DGZ	63.99	332	i/P	P	16 36 33.3 +0.2	BRLS	Boroday	70.33	318	eP	P	16 37 12.3 -1.1
LSA	comp=Z,277nm,1.3s	pmax	pmax		DGZ	DGZ	63.99	332	i/P	P	16 36 33.3 +0.2	BRVK	Borovoye	74.63	328	eP	P	16 37 36.7 -2.0		
LSA	comp=Z,27nm,0.7s	IAMB	IAMB		UZB	Uzymbulak	64.52	322	eP	P	16 36 35.1 -1.7	BRVK	Borovoye	74.63	328	eP	P	16 37 36.7 -2.0		
YUK	Yuzh-Kuril'sk	50.23	16	eP	P	16 34 53.3 -2.4	UZB	Uzymbulak	64.52	322	eP	P	16 36 35.1 -1.7	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
YUK	comp=Z,525nm,2.1s	pmax	pmax		YARG	Taragay, Kyrgyz	64.52	322	eP	P	16 36 35.1 -1.7	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
YUK	comp=E,196nm,1.2s	pmax	pmax		KSH	Kashgar	64.52	322	eP	P	16 36 35.1 -1.7	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
YUK	comp=Z,304nm,1.2s	pmax	pmax		KSH	Kashgar	64.52	322	eP	P	16 36 35.1 -1.7	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
YUK	comp=N,81nm,0.6s	MLR	MLR		KSH	Kashgar	64.52	322	eP	P	16 36 35.1 -1.7	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
GTA	Gaotai	50.46	331	eP	P	16 34 57.3 -0.4	MK31	Makanchi Array	64.72	327	P	P	16 36 36.4 -1.5	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
GTA	comp=Z,11nm,1.2s	pmax	pmax		MK31	Makanchi Array	64.72	327	P	P	16 36 36.4 -1.5	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
GTA	comp=Z,150nm,5.5s	LR	LR		MK31	Makanchi Array	64.72	327	P	P	16 36 36.4 -1.5	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
GTA	comp=Z,400nm,15.6s	LR	LR		MK31	Makanchi Array	64.72	327	P	P	16 36 36.4 -1.5	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
GTA	comp=Z,250nm,17.1s	LR	LR		MK31	Makanchi Array	64.72	327	P	P	16 36 36.4 -1.5	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
GTA	comp=Z,510nm,18.2s	LR	LR		MK31	Makanchi Array	64.72	327	P	P	16 36 36.4 -1.5	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
MSVF	Nonsavu	50.56	110	P	P	16 35 01.3 +2.4	MKAR	Makanchi Array	64.72	327	P	P	16 36 37.0 -0.9	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
MSVF	comp=Z,16nm,0.9s,baz=270,slow=20	pmax	pmax		MKAR	Makanchi Array	64.72	327	P	P	16 36 37.0 -0.9	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
MSVF	Nonsavu	50.56	110	P	P	16 34 58.5 -0.4	MKAR	Makanchi Array	64.72	327	P	P	16 36 37.0 -0.9	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
MSVF	comp=Z,75nm,1.3s	pmax	pmax		MSVF	Nonsavu	50.56	110	P	P	16 34 58.5 -0.4	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
MSVF	Nonsavu	50.56	110	P	P	16 34 58.5 -0.4	MSVF	Nonsavu	50.56	110	P	P	16 34 58.5 -0.4	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
GUN	Gumba	51.67	310	eP	P	16 35 07.4 -1.3	GUN	Gumba	51.67	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,58nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6		
PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI	Tiksi	75.39	0	P	P	16 37 41.1 -1.6
PKI	comp=Z,83nm,1.0s	pmax	pmax		PKI	Pulchoki	51.87	310	eP	P	16 35 07.4 -1.3	TIXI								

28d 17h

Table with columns: Code, Station Name, Az, AzP, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like MLY Manley, COLD Coldfoot, COLD Coldfoot, etc.

WEL 28 16:56:43.5:0.2, 40°S ± 1° × 17°6'E ± 1°, h21km, 2km, M3.2/42, ML3.5/42, MLV3.2/42, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, AzP, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like TOR Torodi Ar. Bea, WEL 28 16:56:43.5:0.2, etc.

2015 DEC

Main table with columns: Code, Station Name, Az, AzP, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like TOR Torodi Ar. Bea, WEL 28 16:56:43.5:0.2, etc.

1342

Table with columns: Code, Station Name, Az, AzP, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like MXZ Waionatani S, HAZ Te Kaha, HAZ Puketiti, etc.

28d 18h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IRAZ, QABG, IMHD, SNGE, IGHI, ILIN, ANAR, ISAD, IDHR, MIB, UMR, ILAS, QALM, IFIR, RST, YZKH, ISHM, RDF, QRN, IANJ.

IDC 28 17:50:12.7-1.4, 2.27N, 125.08E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/4.0, mbtmp3.6/4, Error ellipse: s-maj=73.7km s-min=23.7km az=58.0, Taloud Islands

IDC 28 17:57:09.8-1.9, 43.65N, 105.44W, h0km, mb4.0/4, mb1 3.8/8, mb1mx3.6/3.9, mbtmp3.6/6, ML3,3/4, Error ellipse: s-maj=53.3km s-min=8.5km az=150.0

IDC 28 17:57:11.5-0.8, 43.72N, 105.29W, h0.05, h0km, 2km, ML3,3/4, Error ellipse: s-maj=9.0km s-min=5.2km az=159.0

IDC 28 17:57:10.4-0.8, 43.74N, 106.006, 105.29W, h0.07, h0km, n47, o92/46, mb3.9/4, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, PMG, ASAR, MKAR, RSSD, K22A, PHWY, RWWY, LAO, RLMT, PD31, PDAR, PDAR, YMP, YMP, OGNE, KGWY, LKWW, LOHW, H17A, FLWY, FLWY, ISCO, MOOW, YPP, REDW, REDW, O20A, O20A, E28A, YHL, YHL, QLMT, DGMT, BOZ, KSCC, HRY, P18A, SPUT, HUV, SRU, TMUT, ECSD, NLU, DUG, MSU, H10CA, ULM, ULM, NVAR, YKA, ARCES, ZALV.

2015 DEC

SONM Sanguino Array 84.63 339 P 18 09 46.0 +0.2
MKAR Makanchi Array 8.60 375 P 18 10 10.3 +0.5

BUI 28 18:35:25.0-0.0, 23.86N, 122.54E, h10km, mb4.6/17, mb4.3/34, ML4.4/2, Ms4.3/30, Ms7.4/0/27
JMA 28 18:35:26.7-0.2, 23.79N, 122.48E, h27km, 5km, M4.5
NIED 28 18:35:26.8, 23.79N, 122.48E, h27km, MW4.5, Moment Tensor Solution. s2 Moment tensor: Scale 10^19Nm; M1:1.56; M2:-3.83; M3:2.26; M4:0.55; M5:0.91; M6:2.54;

TAP 28 18:35:26.9, 23.79N, 122.53E, h54km, 1km, ML4.7, D
NEIC 28 18:35:27.9, 1.9, 23.81N, 105.122, 52E, 0.07, h29km, 4km, mb4.7/57, Error ellipse: s-maj=10.2km s-min=6.9km az=120.0
IDC 28 18:35:29.0-0.5, 23.99N, 122.64E, h37km, 3km, mb4.1/18, mb1 4.3/19, mb1mx4.1/33, mbtmp4.3/19, ML4.0/1, MS3.8/1/2, Ms1 3.9/12, ms1mx3.5/38, Error ellipse: s-maj=17.1km s-min=11.0km az=63.0
ISC 28 18:35:28.2-0.5, 23.78N, 122.51E, h34km, 1km, n252, o120/302, mb4.5/46, MS4.0/14, 1C-3D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYNG, YONG, YOJ, YOJ, YOJ, TEVL, HWA, HWA, TWD, TEGC, TEGC, ETL, ETL, NACB, NACB, NACB, ETM, ETM, ENA, ENA, ESL, TWC, TWC, ETLH, ETLH, HGSD, HGSD, ECDN, ECDN, NDS, EHY, EHY, EYUL, EYUL, YULB, YULB, YULB, EGS, WHF, WHF, ILA, ILA, TWE, ENT, ENT, NNSB, NNSB, HATJ, HATJ, NDT, NNS, NNS, OWD, OWD, NTC, NTC, FUSS, FUSS, IRIF, IRIF, CHKT, CHKT, CHGB, CHGB, VVDT, VVDT, FULB, FULB, FULB, TWT, TWT, TWT, TWT, TDCB, TDCB, TDCB.

1344

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TIBP, NWLT, YHNB, YHNB, EDH, EDH, NSK, SSSL, SSSL, JKRS, NWF, LDUT, LDUT, TWA, SMLT, SMLT, NHDH, WCS, WCS, TATO, WHP, TYC, LONT, LONT, TAP, ALS, JIJ, YMO1, LIOB, NSTT, TTN, TTN, TWGB, TWGB, TWG, WJS, TWSI, ANP, WNT, NTST, TWQ1, CHN5, NCU, NCU, STYH, TCU, TCU, SBCB, NSY, HSN, NMLH, TPUB, TPUB, WDJ, WDLH, CHN4, WCHH, WTP, JISG, JISG, CHN2, SLGT, SGST, CHN1, TWK, SNST, CHY, LAY, WTK, WRL, LYUB, SSD, TSMG, TAW, EAST, MASB, ICHU, WSF, SGLT, SSHA, TWM1, CHN8, JTJ, JTJ, SSPT, SCLT, SLIU.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like SCZT, SNJT, TWKBT, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KSH, TKMK2, KURK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like BCLA, DOU, KOND, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like R49A Shelbyville, GNI Garni, GNI Pyatigorsk, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GEYT Wichita Mounta, GEYT Alibek, GYAO ALIBECK ARRAY, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HHC, PPT2, NJ2, STKA, ASAR, etc.

GUC 28 19:34:13.9,0.5,24.315:68.12W,h177km,5km,ML3.8
IDC 28 19:34:14.0,4.8,24.185:67.58W,h143km,31km,mb3.5/3,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like PB15 IPOC Station P, LVC Limon Verde, etc.

IDC 28 19:46:04.6,3.3,23.94S:179.66W,h573km,49km,mb3.0/4,
mb1.3/1.6,mb1mx2.9/29,mbtmp4.0/6, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like RAO Raoul Island, MSVF Nonavu, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, BKZ Black Stump Fm, MSWZ Moikau Station, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like U15A North Rim, U15A comp=N,25um,0.3s, U15A comp=N,35um,0.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GSC Goldstone, Bar, BC3 Big Chuckawall, BELC Belle Mtn. Jos, etc.

IDC 28 20:14:00.1555,0.2,18S:-179.12W,h516km,296km, mb2.7/3,mb1 2.9/3,mb1mx2.8/22,mbtm3.7/3, Error ellipse: s-maj=1036.0km s-min=66.6km az=91.0, South of Fiji Islands

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

IDC 28 20:36:44.2.61,0,17.8S:-177.50W,h507km,39km, mb2.9/3,mb1 3.1/4,mb1mx2.9/40,mbtm3.8/4, Error ellipse: s-maj=1047.0km s-min=136.4km az=79.0, Fiji Islands region

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

IDC 28 21:21:34.6,8,8,38.07N:72.54E,h63km,62km,mb3.1/4, mb1 3.3/6,mb1mx2.9/55,mbtm3.4/6,ML2.9/2,MS3.3/1, Ms1 3.5/1,ms1mx2.5/20, Error ellipse: s-maj=61.6km s-min=11.0km az=51.0

NDC 28 21:35:45.4,3,38.42N:72.44E,h1km,16km,mb3.6, mpv3.1, Error ellipse: s-maj=23.3km s-min=21.4km az=26.0

ISC 28 21:27:1.6,37.9N:01:72.39E:0.10,h10km,n12, o=197/16,mb3.2/4,5C-SD,Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

0.2nm,0.6s,baz=347,slow=5.7,SNR=2.6

ANF 28 22:33:55.3,0.1,36.54N:112.27W,h0km,ML3.9/28, Error ellipse: s-maj=1.7km s-min=1.2km az=102.0

NEIC 28 22:33:56.1,3,36.59N:0.03:112.35W:0.04,h9km,6km, ML3.6/94,ML3.6/7(REN), Error ellipse: s-maj=5.0km s-min=3.3km az=52.0

REN 28 22:33:59.8,3,4,36.72N:0.04:112.48W:0.05,h8km,6km, Error ellipse: s-maj=6.3km s-min=4.7km az=54.0

ISC 28 22:33:56.3,1,0,36.80N:0.02:112.31W:0.03,h10km,gkm, n91,c129/108,Western Arizona

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like U15A North Rim, U15A comp=N,25um,0.3s, U15A comp=N,35um,0.3s, etc.

ISK 28 23:24:31.2,39.04N:-25.37E,h11km,ML2.5/21 THE 28 23:24:33.3,39.01N:-25.44E,h10km,5km,ML2.4/3, Error ellipse: s-maj=5.3km s-min=1.1km az=101.0

ATH 28 23:24:33.4,38.97N:-25.46E,h17km,3km,ML2.5/7, Error ellipse: s-maj=3.9km s-min=1.2km az=121.0

ISC 28 23:24:31.9,1,2,39.02N:0.03:25.48E:0.02,h4km,12km, n37,o80/52,Aegean Sea

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

GZR Gura Ziata 5.40 146 P Pn 00 09 26.5 +0.7
GZR Sn 00 10 30.9 +2.3

UPP 29:00:17.48.7.0.1.67.18N:20.62E, h0km, ML2.8, Explosion
HEL 29:00:17.49.6.0.1.67.20N:20.67E, h1km, ML2.4,
ML2.8(UPP), Confirmed Induced event
IDC 29:00:17.49.6.0.8.67.19N:20.89E, h0km, mb1 3.5/5,
mb1mx3.1/50, mb1mp3.5/5, ML2.7/5, Error ellipse:
s-maj=13.7km s-min=7.1km az=11.0

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

mb1 3.9/6, mb1mx3.4/49, mb1mp3.7/6, ML3.0/2, MS3.2/2,
M1 3.2/2, ms1mx2.6/38, Error ellipse: s-maj=82.0km
s-min=28.0km az=168.0
MOS 29:00:20.47.1.2.5.43.70N:148.03E, h40km, mb4.0/1, Error
ellipse: s-maj=16.4km s-min=14.4km az=170.4

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

HAZ Te Kaha 3.43 230 P Pn 00 33 24.3 -1.1
HAZ S 00 34 09.3 +4.4
TWGZ Tauwhareparea 3.59 223 P Sn 00 33 27.0 -0.7

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

IDC 29:00:20.46.7.3.1.43.84N:148.44E, h0km, mb3.7/4,

IDC 29:00:44.38.8.1.0.35.92N:68.45E, h0km, mb3.8/12,
mb1 4.0/17, mb1mx3.8/51, mb1mp3.9/17, ML3.7/5, MS3.2/12,
M1 3.2/12, ms1mx2.9/46, Error ellipse: s-maj=20.3km
s-min=14.4km az=153.0

NNC 29:00:44.39.5.3.9.36.16N:68.09E, h0km, mb4.5, mpv4.5,
Error ellipse: s-maj=37.7km s-min=25.6km az=158.0
NEIC 29:00:44.41.8.2.2.35.84N:0.04E, h0km, mb4.7km, 19km,
mb4.0/5, Error ellipse: s-maj=10.1km s-min=3.6km
az=59.0

ISC 29:00:44.42.2.0.6.35.99N:0.05E, h30km, n66,
z=205/70, mb4.0/11, MS3.2/7, G-10, Hindu Kush region

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

29d 1h

Table with columns for station code, name, frequency, and various signal quality metrics (P, S, e, etc.). Includes stations like MAJO, Matsuhiro, Matsu-Tunnel, Lemba, Quanzhou, etc.

2015 DEC

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like DL2, IPM, MDJ, SNY, TBI, GYA, etc.

1356

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like KMI, CM31, CMAR, CHTO, etc.

SEY	comp=Z,497nm,21.3s	baz=167,slow=31	P	P	02 02 43.4 +0.2
LSA	Seymchan	69.04 359	i	P	02 02 54.5 +0.1
LSA	Lhasa	70.64 304	P	Pmax	
LSA	comp=Z,42nm,0.8s		P	Pmax	
LSA	Lhasa	70.64 304	P	Pmax	02 02 54.0 -0.4
LSA	comp=Z,43nm,0.8s		P	IAMB	02 02 54.0 -0.4
LSA	Lhasa	70.64 304	P	IAMB	02 03 06.9
YAK	comp=Z,43nm,0.8s		P	P	02 02 53.7 -0.4
YAK	Yakutsk	70.81 348	P	P	02 02 53.7 -0.4
YAK	comp=Z,50nm,0.8s	baz=100,slow=0.4,SNR=15	e	P	02 03 07.8 +0.2
YAK	Yakutsk	70.81 348	e	PP	02 03 12.4
YAK			e	SS	02 12 05.2 -0.1
YAK			e	SS	02 12 35.2 +2.4
YAK			e	SS	02 12 57.6
YAK			e	SS	02 16 42.6 +4.0
YAK	comp=Z,91nm,0.9s		P	Pmax	
YAK	comp=E,4.0nm,0.8s		P	Pmax	
YAK	comp=N,11nm,1.1s		P	Pmax	
YAK	comp=E,451nm,4.1s		P	Pmax	
YAK	comp=N,78nm,2.9s		P	Pmax	
YAK	comp=Z,11um,23.0s		P	Pmax	
YAK	comp=N,841nm,24.0s		P	Pmax	
YAK	comp=E,412nm,24.0s		P	Pmax	
YAK	Yakutsk	70.81 348	P	P	02 02 53.2 -0.9
VNDA	Vanda	71.29 178	P	P	02 02 57.8 +0.9
VNDA	comp=E,5.2nm,0.8s	baz=329,slow=7.1,SNR=17	LR	LR	02 29 49.3
VNDA	Vanda	71.29 178	P	P	02 02 58.0 +1.1
VNDA	comp=Z,34nm,1.4s		P	Pmax	
VNDA	Vanda	71.29 178	P	P	02 02 58.0 +1.1
ZAK	Zakamensk	71.75 326	P	P	02 02 59.2 -1.0
ZAK	comp=Z,47nm,0.9s		P	Pmax	
BOD	Bodaibo	71.86 338	eP	Pmax	02 02 59.1 -1.4
BOD	comp=Z,25nm,1.7s		P	Pmax	
CHGN	Chignik	73.23 25	P	P	02 03 10.3 +1.7
BOK	Bokoro	73.43 297	eP	IAMB	02 03 11.4 +0.7
BOK	comp=Z,190nm,1.1s		P	IAMB	02 03 12.9
MOY	Mondy	73.67 328	eP	Pmax	02 03 12.0 +0.4
GAMB	Gambell	74.31 15	P	P	02 03 14.1 -0.8
GAMB	comp=Z,62nm,0.9s		P	IAMB	02 03 19.3
GAMB	comp=Z,5um,20.0s		IAMS_20	IAMS_20	02 31 10.7
GAMB	Gambell	74.31 15	P	P	02 03 16.5 +1.7
GUN	Gumba	74.51 301	eP	P	02 03 17.4 +0.1
BILL	Bilibino	74.60 4d	i	P	02 03 16.5 +0.1
BILL			i	P	02 03 26.4
BILL			i	P	02 06 06.6
BILL			i	S	02 12 45.1 -3.3
BILL	comp=Z,111nm,0.8s		P	Pmax	
BILL	comp=Z,756nm,19.0s		MLR	MLR	
BILL	Bilibino	74.60 4	P	P	02 03 16.8 +0.3
PKI	Pulchoki	74.82 301	eP	P	02 03 18.8 -0.3
PKIN	Pulchoki	74.84 301	eP	P	02 03 18.8 -0.3
KKN	Kakani	74.99 301	eP	P	02 03 19.7 -0.2
PALK	Pallekele	75.05 279	P	P	02 03 20.8 +0.5
PALK	comp=Z,42nm,0.7s		P	Pmax	
PALK	Pallekele	75.05 279	P	IAMB	02 03 20.8 +0.5
PALK	comp=Z,42nm,0.7s		P	IAMB	02 03 22.0
GKN	Gorkha	75.60 301	eP	P	02 03 23.1 -0.2
OHAK	Old Harbor	76.02 26	P	P	02 03 24.6 -0.3
OHAK	Old Harbor	76.02 26	P	P	02 03 25.8 +1.0
VLK	Valmikinagar	76.08 300	eP	P	02 03 25.3 -0.6
ELSP	Elaspur	76.40 294	eP	P	02 03 27.5 -0.4
KOLN	Koldanda	76.42 300	eP	P	02 03 27.7 -0.4
DANN	Dangding	76.44 301	eP	P	02 03 27.7 -0.6
P18K	Big Mountain	76.52 24	IAMS_20	IAMS_20	02 36 16.3
P18K	Big Mountain	76.52 24	P	P	02 03 28.1 +0.4
ANM	Nome	76.63 17	P	P	02 03 28.8 +0.6
ANM	comp=Z,75nm,0.9s		P	Pmax	
ANM	Nome	76.63 17	P	P	02 03 28.8 +0.6
ANM	comp=Z,75nm,0.9s		P	IAMB	02 03 32.4
ANM	Nome	76.63 17	P	P	02 03 29.4 +1.2
KDAK	Kodiak Island	76.65 26	P	P	02 03 28.1 -0.3
KDAK	comp=Z,31nm,0.9s	baz=261,slow=3.3,SNR=6.3	P	P	02 03 28.1 -0.3
KDAK	Kodiak Island	76.65 26	P	P	02 03 29.0 +0.5
TNA	Tin City	76.71 15	P	P	02 03 28.8 +0.2
TNA	comp=Z,57nm,1.0s		IAMB	IAMB	02 03 32.3
TNA	Tin City	76.71 15	P	P	02 03 29.4 +0.8
Q19K	Cape Douglas	76.88 25	P	P	02 03 29.8 0.0
Q19K	comp=Z,64nm,0.8s		IAMB	IAMB	02 03 32.8
Q19K	comp=Z,6um,22.0s		IAMS_20	IAMS_20	02 32 42.9
Q19K	Cape Douglas	76.88 25	P	P	02 03 29.7 0.0
PYUN	Piuthan	77.03 301	eP	P	02 03 30.8 -0.7
O19K	comp=Z,36nm,0.7s		P	P	02 03 32.0 -0.5
O19K	Port Alsworth	77.38 23	P	IAMB	02 03 36.7
O19K	comp=Z,46nm,1.1s		IAMS_20	IAMS_20	02 32 30.0
O19K	Port Alsworth	77.38 23	P	P	02 03 32.6 +0.2
SVW2	Sparrevohn	77.45 22	P	IAMB	02 03 33.0 +0.1
SVW2	comp=Z,62nm,1.0s		IAMB	IAMB	02 03 36.9
P19K	Oil Pt	77.48 24	P	P	02 03 31.9 -1.2
P19K	Oil Pt	77.48 24	P	P	02 03 32.8 -0.3
N19K	Bonanza Creek	77.69 23	P	P	02 03 35.0 +0.6
N19K	Bonanza Creek	77.69 23	P	P	02 03 34.0 -0.3
WMQ	Urumqi	78.12 317	eP	P	02 03 38.3 +1.2
WMQ	comp=Z,49.8 -0.7		P	P	02 03 49.8 -0.7
WMQ	Redoubt	78.16 24	P	S	02 13 29.0 +1.0
WMQ	China Foot	78.24 25	P	S	02 13 45.8 +1.2
WMQ	comp=Z,35nm,1.1s		P	Pmax	
WMQ	comp=Z,590nm,5.1s		LR	LR	
WMQ	comp=Z,870nm,18.7s		LR	LR	
WMQ	comp=Z,710nm,21.1s		LR	LR	
WMQ	comp=Z,1um,25.3s		LR	LR	
HOM	Homer	78.14 25	P	P	02 03 37.4 +0.6
RSO	Redoubt South	78.16 24	P	P	02 03 37.2 +0.1
CNPM	China Foot	78.24 25	P	P	02 03 37.7 +0.4
TTA	Tatalina	78.46 21	P	P	02 03 38.4 -0.2
TTA	comp=Z,54nm,1.0s		Pmax	Pmax	
TTA	Tatalina	78.46 21	P	IAMB	02 03 38.4 -0.2
TTA	comp=Z,54nm,1.0s		P	P	02 03 39.4 +0.9

BRLK	baz=230,SNR=21	78.52 25	P	P	02 03 38.9 0.0
BRLK	Bradley Lake	78.52 25	P	IAMB	02 03 56.0
BRSE	comp=Z,78nm,1.1s	78.56 25	P	P	02 03 39.5 +0.4
BRSE	Bradley Lake S	78.56 25	P	P	02 03 39.5 +0.4
HYB	Hyderabad	78.78 289	i	P	02 03 40.0 -1.2
HYB	Hyderabad	78.78 289	eP	IAMB	02 03 40.5 -0.7
HYB	comp=Z,123nm,0.8s		P	P	02 03 42.1
SPCR	Spurr Chakacha	78.81 23	P	P	02 03 41.4 +0.9
TRD	Trivandrum	78.90 280	eP	IAMB	02 03 42.6 +0.8
TRD	comp=Z,59nm,0.6s		IAMB	IAMB	02 03 44.8
L20K	Farewell, AK	78.94 22	P	P	02 03 41.8 +0.6
L20K	baz=232		P	P	02 03 44.0 +0.9
SEW	Seaward	79.31 25	P	P	02 03 43.8 +0.6
GCSA	Galena City Sc	79.35 19	P	P	02 03 44.0 +0.6
K20K	baz=229,SNR=18	79.42 21	P	P	02 03 43.9 +0.2
K20K	Telida	79.42 21	P	IAMB	02 03 47.9
K20K	comp=Z,41nm,1.0s	79.42 21	P	P	02 03 44.6 +0.9
K20K	Telida	79.42 21	P	P	02 03 47.9
TIXI	Tiksi	79.62 352	P	P	02 03 43.9 -0.7
TIXI	comp=Z,5.2nm,0.7s	baz=108,slow=4.2,SNR=10	eP	P	02 03 42.3 -2.3
TIXI	Tiksi	79.62 352	eP	P	02 03 42.3 -2.3
TIXI	comp=Z,12nm,0.8s		Pmax	Pmax	
TIXI	Tiksi	79.62 352	P	P	02 03 44.4 -0.2
RC01	Rabbit Creek A	79.73 24	P	P	02 03 44.8 -0.6
RC01	comp=Z,74nm,1.1s		IAMB	IAMB	02 03 48.8
RC01	comp=Z,5um,22.0s		IAMS_20	IAMS_20	02 33 23.3
RC01	Rabbit Creek A	79.73 24	P	P	02 03 45.6 +0.1
PPLA	Purkypile	79.82 22	P	P	02 03 47.1 +1.0
PPLA	Purkypile	79.82 22	P	P	02 03 46.0 -0.1
J20K	Nowinta River	79.90 20	P	P	02 03 46.7 +0.4
J20K	comp=Z,50nm,1.0s		IAMB	IAMB	02 03 50.5
J20K	comp=Z,6um,21.0s		IAMS_20	IAMS_20	02 35 49.6
J20K	Nowinta River	79.90 20	P	P	02 03 46.8 +0.4
RDOG	Red Dog Mine	79.91 15	IAMS_20	IAMS_20	02 37 00.7
RDOG	Red Dog Mine	79.91 15	P	P	02 03 56.2 +1.0
M22K	Willow	79.95 23	P	P	02 03 46.8 +0.2
CAST	Castle Rocks	80.17 21	P	P	02 03 47.5 -0.3
CAST	comp=Z,34nm,0.9s		IAMB	IAMB	02 03 51.9
CAST	Castle Rocks	80.17 21	P	P	02 03 47.6 -0.2
PWL	Port Wells	80.18 25	P	P	02 03 48.1 +0.2
PWL	Port Wells	80.18 25	P	P	02 03 48.2 +0.3
PMR	Palmer	80.25 24	P	P	02 03 47.7 -0.5
PMR	comp=Z,33nm,1.0s		Pmax	Pmax	
PMR	Palmer	80.25 24	P	P	02 03 47.7 -0.5
PMR	comp=Z,53nm,1.0s		IAMB	IAMB	02 03 51.4
PMR	Palmer	80.25 24	P	P	02 03 48.2 0.0
CUT	Chulitna	80.26 23	P	P	02 03 47.4 -0.8
CUT	comp=Z,73nm,1.0s		IAMB	IAMB	02 03 51.3
CUT	Chulitna	80.26 23	P	P	02 03 48.5 +0.2
CHNI	Jhansi	80.31 297	eP	P	02 03 47.5 -1.9
JHNI	Lake Minchum	80.36 21	P	P	02 03 48.9 +0.1
CHNI	comp=Z,34,SNR=23		P	P	02 03 48.9 +0.1
DGZ	Jazzator, Alta	80.41 323	i	P	02 03 48.6 -1.0
DGZ	comp=Z,24nm,0.8s		Pmax	Pmax	
KNK	Knik Glacier	80.43 24	P	P	02 03 48.6 -0.6
KNK	comp=Z,81nm,1.2s		IAMB	IAMB	02 03 52.3
KNK	comp=Z,6um,22.0s		IAMS_20	IAMS_20	02 34 05.7
KNK	Knik Glacier	80.43 24	P	P	02 03 50.1 +0.9
GHO	Glory Hole Cre	80.44 24	P	P	02 03 48.4 -1.0
GHO	comp=Z,42nm,0.9s		IAMB	IAMB	02 04 04.6
GHO	comp=Z,42nm,0.9s		IAMS_20	IAMS_20	02 34 30.8
KTH	Kantishna Hill	80.67 22	P	P	02 03 49.5 -1.0
KTH	comp=Z,39nm,1.0s		IAMB	IAMB	02 04 04.4
SML	Sawmill	80.69 24	P	P	02 03 48.8 -1.9
SML	comp=Z,6um,21.0s		IAMS_20	IAMS_20	02 34 27.5
SML	Sawmill	80.69 24	P	P	02 03 50.9 +0.2
GLI	Glacier Island	80.71 25	IAMS_20	IAMS_20	02 35 34.1
GLI	comp=Z,4um,20.0s		IAMS_20	IAMS_20	02 35 34.1
GLI	Glacier Island	80.71 25	P	P	02 03 50.6 -0.1
AKL	Akko	80.79 292	eP	P	02 03 51.1 -1.0
TRF	Thorofare Moun	80.84 22	P	P	02 03 50.2 -1.4
TRF	Thorofare Moun	80.84 22	P	P	02 03 51.3 -0.3
BHPL	Bhopal	80.88 295	eP	IAMB	02 03 52.0 -0.6
BHPL	comp=Z,100nm,0.6s		IAMB	IAMB	02 03 53.2
FID	Port Fidalgo	80.90 25	IAMS_20	IAMS_20	02 35 57.6
BPWA	Bear Paw Mtn.	80.96 21	P	P	02 03 51.4 -0.7
BPWA	comp=Z,4um,21.0s		P	P	02 03 51.7 -0.3
EYAK	Cordova Ski Ar	81.11 26	P	P	02 03 53.3 +0.5
SCM	Sheep Creek Mo	81.11 24	P	P	02 03 52.5 -0.4
SCM	comp=Z,78nm,1.0s		Pmax	Pmax	
SCM	Sheep Creek Mo	81.11 24	P	P	02 03 52.5 -0.4
SCM	comp=Z,78nm,1.0s		IAMB	IAMB	02 04 10.5
SCM	comp=Z,78nm,1.0s		IAMS_20	IAMS_20	02 34 14.7
SCM	Sheep Creek Mo	81.11 24	P	P	02 03 53.2 +0.2
IMAR	Imperial Mountai	81.15 19	P	P	02 03 53.0 +0.1
ZSN	Zaisan	81.22 320	eP	P	02 03 53.8 0.0
ZSN	comp=Z,36nm,0.8s		IAMB	IAMB	02 03 54.1 +0.6
I21K	Tanana	81.25 20	P	P	02 03 59.2
I21K	comp=Z,6um,21.0s		IAMS_20	IAMS_20	02 36 42.3
I21K	Tanana	81.25 20	P	P	02 03 53.9 +0.5
H21K	Melozitna Rive	81.26 19	IAMS_20	IAMS_20	02 40 50.4
H21K	comp=Z,2um,19.0s		IAMB	IAMB	02 40 50.4
H21K	Melozitna Rive	81.26 19	P	P	02 03 54.0 +0.4
WAT6	Susitna Watana	81.34 23	P	P	02 03 53.6 -0.7
RND	Reindeer	81.36 22	IAMB	IAMB	02 0

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANMO Albuquerque, SNAO Sanae, ISCO Idaho Springs, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MNK comp=N,582nm,20.3s, MNK comp=Z,859nm,22.0s, T474 Sharon Grove, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LVC Limon Verde, MOTA Moosalm, SQTA Sankt Ulrich, etc.

ROM 29 02:08:51.5±0.1 43.053N 0°004'12.803E±0.005, h=11m, h=11.1/3, 132-0 Error ellipse: s-maj=0.4km s-min=0.4km az=132.0 Central IZC

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASSB Assisi San Ben, ASSB, ASSB.

29d 2h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Kaye Shedlock, San Esteban, Torpederas, etc.

2015 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Auburn Hatcher, Big Grassy Mtn, Furnace Creek, etc.

1362

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FLECHTING, GRANFENBERG ARR, MOOSALM, SANKT QUIRIN, MOXA, NEUBURG, WALTERALM, WATTENBERG, CASTEL TESINO, MANZBERG, WERDA, GUNZEN, WERNITZGRUBEN, TANNENBERGSTHA, NOVY KOSTEL, COLLIM, ABFALTERSBACH, WETZELT, JOCHBERG, STALIGAL, FREIBERG, KASPERESKE HORY, KOELNBREINSPER, BERGLJESSHUBEL, GERESS ARRAY S, TERRA MYSTICA, CESKY KRUMLOV, PRUHONICE, MOHLIN, GORENJA BREZOV, OBIR, GORNJA BRIGA, TREST, UPICE, CHVATEC, ARZBERG, OSTAS, CONRAD OBSERVA, DOBRUSKA-POLOM, MORAVSKY, VRANOV, KRALKY, MORAVSKY BEROU, MODRA-PIESOK, VELKA JAVORINA, ARCES ARCES ARRAY B, VYHNE, LANSKY, OJCOV, DIVIBARE, FINESS ARRAY B, IVANJICA, TRUDEJ, GRUZA, BUZIAS, KORCA, BOVAN, SANAE, SNAAL, SNAAL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRGR, BARS, ZAJECAR, GURA ZLATA, ZAPS, NACGM, BOSS, VITOSH, VITOSH, VITOSH, ARGES, VOIR, VOIR, BILLIBINO, MLR, MLR, GSPA, AAK, WMIQ, HHC, STKA, STKA, STKA, NJ2, CD2, HYB, ASAR, ASAR, WRA, WRA, WRA, KMI, CMAR, CMAR, THN, THN, MKAR, KURB, BVAR, AKTO, ZALV, TORD, INK, JOSH, JOSH, JYM2, JYM2, JHST, JHST, JHST, JSR, JSR, JSH, JKB, JKB, JNB, JNB, JOT, JOT, JIW, JIW, JWSH, JWSH, JAM, JAM, JANG, JANG, JNBK, JNBK, JNFK, JNFK, JCH, JCH, ASAJ, ASAJ, USRK, SONM, ZALV, MKAR, MKAR, KURB, ILAR, ILAR, BVAR, INK, YKA, PDAR, WRA, WRA, MKAR, ASAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAN-YU, LAN-YU, LAN-YU, HENGCHUEN, PIN, TSEB, LDUDAO, HENGCHUN, TWKBT, TWKBT, TWK1, TWK1, TAWU, TAWU, HEN, HEN, SHIZI, SHIZI, ELIUS, ELIUS, EAST, EAST, TTT, TTT, ECL, ECL, TWGBT, TWGBT, EDH, EDH, LONT, LONT, SCZT, SCZT, CHKT, CHKT, SSPT, SSPT, MASBT, MASBT, TSMG, TSMG, FULB, FULB, FULB, FULB, SSD, SSD, WLCH, WLCH, ELDTW, ELDTW, EYUL, EYUL, EYUL, EYUL, SLGT, SLGT, YULB, YULB, STYH, STYH, STYH, STYH, HGSD, HGSD, HGSD, HGSD, SGST, SGST, EHY, EHY, EHY, EHY, WTP, WTP, WTP, WTP, CHN1, CHN1, CHN1, CHN1, TPUB, TPUB, TPUB, TPUB, SONM, SONM, TWK, TWK, CHN4, CHN4, CHN4, CHN4, ALS, ALS, ALS, ALS, WVDW, WVDW, WVDW, WVDW, CHN5, CHN5, CHN5, CHN5, CHY, CHY, WDLH, WDLH, SMLT, SMLT, SMLT, SMLT, TWD, TWD, TWD, TWD.

29D 3h

Table with columns: WJSD, Zhushan, 2.38 331 eP, Pn, 03 14 03.3 +1.3, etc. Lists various stations and their parameters.

SKHL 29 03:18:57.9-0.2, 44.30N, 148.00E, h47km, 4km, mb4.7/4
JMA 29 03:18:57.1-0.3, 43.95N, 147.82E, h0km, M3.9
ISC 29 03:18:54.7-3.6, 44.24N, 148.00E, 0.09:147.9E:0.1, h7km, 25km,

Table with columns: Code, Station Name, Δ, AZ, Op, Phase, ISC, h, m, s, ISC, Time, Res. Lists Kuril Islands stations.

2015 DEC

Table with columns: GLVR, eS, Sn, 03 19 49.8 +0.1, etc. Lists various stations and their parameters.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase, ISC, h, m, s, ISC, Time, Res. Lists various stations and their parameters.

1364

Table with columns: I02E, Swisshome, OR, 3.11 16 P, Pn, 03 36 16.9 -1.3, etc. Lists various stations and their parameters.

ISCO	Idaho Springs	7.67 305	Pn	Pn	11 41 11.6 +0.4
ISCO	comp=Z,268nm,0.7s			Iamb_Lg	11 43 28.5
ISCO	Idaho Springs	7.67 305	P	Pn	11 41 12.0 +0.0
ISCO	baz=120,SNR=30				
ISCO	Idaho Springs	7.67 305	P	Pn	11 41 11.7 +0.4
ISCO	baz=120,SNR=45			S	11 42 38.3 -0.2
BNN	Barren Site	7.73 261	Pn	Pn	11 41 12.4 +0.4
MNTX	Cornudas Mount	7.75 241	Pn	Pn	11 41 10.5 -1.6
MNTX	comp=Z,428nm,1.0s			Iamb_Lg	11 43 44.2
MNTX	Cornudas Mount	7.75 241	P	Pn	11 41 12.0 -0.1
MNTX	baz=57,SNR=34				
MNTX	Cornudas Mount	7.75 241	P	Pn	11 41 12.0 -0.1
MNTX	baz=57,SNR=25				
WVT	Waverly	7.79 84	P	Pn	11 41 12.8 +0.2
WVT	Waverly	7.79 84	P	Pn	11 41 11.5 -1.0
K38A	Parkersburg	7.80 26	Pn	Pn	11 41 12.6 -0.2
K38A	Parkersburg	7.80 26	P	Pn	11 41 13.1 +0.4
L40A	Anamosa	7.97 35	Pn	Pn	11 41 14.6 -0.4
L40A	comp=Z,669nm,0.8s			Iamb_Lg	11 43 38.4
L40A	Anamosa	7.97 35	P	Pn	11 41 14.6 -0.4
L40A	baz=219,SNR=9.3				
Y2D2	IRIS PASCAL I	7.98 261	Iamb_Lg		11 43 53.5
Y2D2	comp=Z,611nm,0.9s				
HDIL	Hopedale	8.02 50	Pn	Pn	11 41 16.3 +0.6
ECSD	EROS Data Cent	8.03 4	Pn	Pn	11 41 15.2 -0.7
ECSD	EROS Data Cent	8.03 4	P	Pn	11 41 15.0 -0.9
ECSD	baz=184,SNR=123				
ECSD	EROS Data Cent	8.03 4	P	Pn	11 41 14.9 -1.1
ECSD	baz=184,SNR=44				
Z47A	Carrollton	8.11 105	Pn	Pn	11 41 16.9 -0.1
Z47A	comp=Z,298nm,1.0s			Iamb_Lg	11 43 56.7
T47A	Sharon Grove	8.41 78	Pn	Pn	11 41 20.8 -0.4
PHWY	Pilot Hill	8.42 314	Pn	Pn	11 41 21.5 0.0
PHWY	comp=Z,397nm,1.0s			Iamb_Lg	11 43 52.7
N23A	Red Feather La	8.47 310	Pn	Pn	11 41 24.1 +2.0
N23A	Red Feather La	8.47 310	P	Pn	11 41 22.7 +0.6
N23A	baz=125,SNR=30			S	11 42 57.8 -0.2
X48A	Hartselle	8.59 95	Pn	Pn	11 41 23.3 -0.3
L42A	Oliver, Polo	8.71 42	Pn	Pn	11 41 24.9 -0.3
L42A	Oliver, Polo	8.71 42	P	Pn	11 41 25.4 +0.2
SUSD	Miller	8.80 353	Pn	Pn	11 41 27.5 +1.1
SUSD	comp=Z,590nm,1.1s			Iamb_Lg	11 44 11.6
SUSD	Miller	8.80 353	P	Pn	11 41 26.6 +0.2
SUSD	baz=172				
JFWS	Jewell Farm	9.08 35	Pn	Pn	11 41 30.6 +0.3
JFWS	comp=Z,653nm,0.7s			Iamb_Lg	11 44 07.6
JFWS	Jewell Farm	9.08 35	P	Pn	11 41 30.2 -0.1
JFWS	baz=220,SNR=34				
JFWS	Jewell Farm	9.08 35	P	Pn	11 41 29.8 -0.5
JFWS	baz=220				
WCI	Wyandotte Cave	9.24 71	Pn	Pn	11 41 33.8 +1.2
BLO	Bloomington	9.32 65	Pn	Pn	11 41 33.9 +0.3
BLO	Seawater	9.38 90	Pn	Pn	11 41 36.4 +2.0
H40A	Norwalk	9.69 31	Pn	Pn	11 41 37.6 -1.0
H40A	comp=Z,726nm,1.2s			Iamb_Lg	11 44 35.1
H40A	Norwalk	9.69 31	P	Pn	11 41 37.7 -1.0
H40A	baz=215,SNR=30				
RWWY	Rawlins	9.70 311	Pn	Pn	11 41 39.9 +0.8
RWWY	comp=Z,398nm,1.2s			Iamb_Lg	11 44 31.2
RSSD	Black Hills	9.81 331	Pn	Pn	11 41 40.5 0.0
RSSD	comp=Z,258nm,0.9s			Iamb_Lg	11 44 48.5
RSSD	Black Hills	9.81 331	P	Pn	11 41 40.7 +0.1
RSSD	baz=147,SNR=18				
RSSD	Black Hills	9.81 331	P	Pn	11 41 40.6 +0.1
RSSD	baz=147,SNR=18				
L44A	Lake County Fo	9.81 46	P	Pn	11 41 40.0 -0.4
L44A	baz=232				
K22A	Casper	9.89 317	Pn	Pn	11 41 42.1 +0.5
K22A	Casper	9.89 317	P	Pn	11 41 41.6 0.0
K22A	baz=132,SNR=17				
K43A	Burlington	9.91 43	P	Pn	11 41 41.1 -0.6
K43A	baz=228,SNR=18				
SPMN	Marine on St.	10.13 19	P	Pn	11 41 43.0 -1.6
SPMN	Marine on St.	10.13 19	Pn	Pn	11 41 42.5 -2.0
SPMN	baz=202,SNR=11				
P48A	Milroy	10.22 65	Pn	Pn	11 41 47.5 +1.6
V51A	Loudon	10.62 86	Pn	Pn	11 41 52.1 +0.8
V51A	Loudon	10.62 86	Pn	Pn	11 41 51.6 +0.3
V51A	baz=273,SNR=6.4				
R50A	Paris	10.77 72	Pn	Pn	11 41 53.9 +0.4
G40A	Rib Lake	11.01 28	Pn	Pn	11 41 55.7 -0.9
G40A	Rib Lake	11.01 28	Pn	Pn	11 41 55.6 -1.0
TKL	Tuckaleechee C	11.09 86	Pn	Pn	11 41 57.8 -0.1
TKL	comp=Z,0.8nm,0.3s,ba			Lg	11 45 03.2
TKL	baz=236,slow=9.6,SNR=7.1			LR	11 46 36.6
TKL	comp=Z,5.3nm,0.3s,ba			LR	11 46 36.6
TKL	baz=162,slow=16,SNR=6.2				
SS1A	Beattyville	11.26 76	Pn	Pn	11 42 00.6 +0.4
H43A	Windswept, Lux	11.44 37	P	Pn	11 42 01.8 -0.7
H43A	baz=223,SNR=7.2				
Q51A	Peebles	11.67 69	Pn	Pn	11 42 05.6 -0.1
GOGA	Godfrey	11.72 97	Pn	Pn	11 42 04.9 -1.6
BW06	Boulder Array	11.75 310	Pn	Pn	11 42 07.1 0.0
BW06	Boulder Array	11.75 310	Pn	Pn	11 42 06.8 -0.3
PD31	Pinedale Array	11.75 310	Pn	Pn	11 42 07.1 0.0
PDAR	Pinedale Array	11.75 310	Pn	Pn	11 42 06.7 -0.4
PDAR	comp=Z,0.7nm,0.3s,ba			Lg	11 45 28.5
PDAR	baz=110,slow=15,SNR=20			Lg	11 45 28.5
PDAR	comp=Z,2.8nm,0.3s,ba			LR	11 46 35.2
PDAR	baz=122,slow=20,SNR=3.4				
PDAR	comp=Z,2.90nm,19.8s,ba			LR	11 42 07.2 0.0
PDAR	baz=119,slow=12,slow=37				
P51A	Williamsport	11.99 67	Pn	Pn	11 42 10.4 +0.3
ACSO	Alum Creek Sta	12.24 64	Pn	Pn	11 42 13.2 -0.4
ACSO	Alum Creek Sta	12.24 64	P	Pn	11 42 12.9 -0.7
Q52A	Bidwell	12.48 70	Pn	Pn	11 42 16.9 +0.1
AGMN	Agassiz Nation	12.63 5	P	Pn	11 42 15.1 -3.6
R53A	Hurricane	12.63 73	Pn	Pn	11 42 17.9 -1.0
P52A	Corning	12.72 68	Pn	Pn	11 42 19.1 -1.0
P52A	Corning	12.72 68	Pn	Pn	11 42 18.6 -1.5
LAO	LASA Array	12.80 332	Pn	Pn	11 42 19.8 -1.5
LOHW	Long Hollow	12.85 312	Pn	Pn	11 42 22.4 +0.3
B35A	Bob, Littlelor	12.89 11	Pn	Pn	11 42 21.3 -1.6
MOCW	Moose Ponds	13.02 312	Pn	Pn	11 42 24.4 +0.1
RLMT	Red Lodge	13.02 320	Pn	Pn	11 42 24.7 +0.3
RLMT	Red Lodge	13.02 320	P	Pn	11 42 23.6 -0.8
S54A	Dingess, Beckl	13.08 76	Pn	Pn	11 42 23.8 -1.3
E43A	Lone Tree Farm	13.22 33	Pn	Pn	11 42 25.5 -1.4
P53A	Whipple	13.25 69	Pn	Pn	11 42 25.3 -2.0
O53A	New Philadelphia	13.55 66	Pn	Pn	11 42 29.5 -2.0
GCMT	Greycliff	13.68 321	Pn	Pn	11 42 33.5 +0.1
DGMT	Dagmar	13.70 341	Pn	Pn	11 42 30.7 -2.8
DGMT	Dagmar	13.70 341	P	Pn	11 42 30.3 -3.2
BLA	Blackburg	13.76 79	Pn	Pn	11 42 34.4 0.0
YHL	Hebgen Lake	13.90 315	Pn	Pn	11 42 37.0 +0.5
R55A	Marlinton	14.06 74	Pn	Pn	11 42 36.4 -2.1
O54A	Avela	14.16 67	Pn	Pn	11 42 39.0 -0.8
ULM	Lac du Bonnet	14.57 4	Pn	Pn	11 42 40.5 -4.9
ULM	comp=Z,1.7nm,0.3s,ba			LR	11 45 13.9 -1.3
ULM	baz=188,slow=15,SNR=1.7			Lg	11 46 50.8
ULM	comp=Z,0.7nm,0.3s,ba			Lg	11 46 50.8
ULM	baz=111,slow=16,SNR=2.5			LR	11 48 43.1
T57A	Hurt	14.69 90	Pn	Pn	11 42 45.9 -1.1
S57A	Dark Hollow, R	14.94 77	Pn	Pn	11 42 46.0 0.9
M54A	Oil Creek Stat	15.02 62	Pn	Pn	11 42 50.6 -1.0

PFO	Pinyon Flats O	15.81 268	LR	LR	11 49 30.0
PFO	comp=Z,335nm,18.4s,ba				
LPIG	La Paz	16.07 227	LR	LR	11 49 27.5
LPIG	comp=Z,163nm,18.7s,ba				
SSPA	Standing Stone	16.11 66	Pn	Pn	11 43 03.3 -2.5
SSPA	comp=Z,16nm,1.1s			Iamb	11 43 08.0
SADO	Sadowa	16.60 51	Lg	Lg	11 47 54.0
SADO	comp=Z,1.8nm,0.3s,ba			LR	11 49 43.6
SADO	baz=257,slow=4.2,SNR=3.4				
NVAR	Minna Array Bea	16.89 285	LR	LR	11 49 32.6
NVAR	comp=Z,196nm,19.9s,ba				
JTMT	Jetta	17.36 319	P	P	11 43 24.0 +0.9
CMIG	Matias Romero	18.68 172	P	P	11 43 39.4 +1.5
CMIG	comp=Z,0.7nm,0.3s,ba				
VLDO	Val d'Or	19.27 44	P	P	11 43 42.1 -1.8
VLDO	comp=Z,2.24nm,0.9s			Iamb	11 43 43.8
E03A	Leban	22.37 307	P	P	11 44 16.2 -1.3
G62A	West of Eustis	22.46 57	P	P	11 44 17.3 -1.1
G62A	comp=Z,16nm,1.1s			Iamb	11 44 30.2
F63A	Nahmaktana, Br	23.56 56	P	P	11 44 32.4 +2.7
JTS	Las Juntas de	27.73 153	LR	LR	11 57 25.3
JTS	comp=Z,6.1nm,20.0s,slow=3				
SCHO	Schefferville	28.43 38	P	P	11 45 13.7 -0.3
SCHO	comp=Z,3.9nm,0.7s,ba			Lg	11 53 58.4
SCHO	baz=104,slow=9.5,SNR=5.0				
YKA	Yellowknife Ar	28.88 343	P	P	11 55 17.9 +0.1
YKA	comp=Z,2.3nm,1.1s,ba			Lg	11 54 19.0
YKA	baz=132,slow=15,SNR=2.5				
YKA	comp=Z,1.2nm,0.8s,ba			Lg	11 54 19.0
YKA	baz=146,slow=8.3,SNR=12				
YKA	comp=Z,4.4nm,1.1s,ba			LR	11 57 22.2
YKA	baz=141,slow=22,SNR=1.9				
DLBC	Dease Lake	31.26 327	LR	LR	11 59 05.2
DLBC	comp=Z,2.74nm,18.5s,ba				
FRB	Frishober Bay	33.13 23	P	P	11 45 55.2 -0.1
FRB	comp=Z,0.9nm,0.4s,ba				
ROSC	El Rosal	37.38 140	LR	LR	12 03 45.2
ROSC	comp=Z,4.3nm,21.8s,ba				
INK	Inuvik	38.38 339	P	P	11 46 41.0 +0.8
INK	comp=Z,1.3nm,0.8s,ba				
INK	Inuvik	38.38 339	P	P	11 46 40.8 +0.6
INK	Inuvik	38.38 339	P	P	11 46 43.4 +1.7
EGAK	Eagle	39.01 332	P	P	11 47 13.5 +0.6
EGAK	comp=Z,1.4nm,1.4s			Iamb	11 46 49.5
A36M	Sachs Harbour	39.09 347	P	P	11 46 46.4 +0.3
A36M	comp=Z,3.4nm,0.9s			Iamb	11 46 49.5
ILAR	Eielson Array	41.26 330	P	P	11 47 05.7 +1.4
ILAR	comp=Z,1.4nm,0.6s,ba			LR	12 04 59.1
ILAR	baz=105,slow=6.6,SNR=14				
BMAR	Burnt Mountain	41.44 335	P	P	11 47 07.7 +2.0
CCB	Clear Creek Bu	41.59 330	P	P	11 47 08.2 +1.3
TOLK	Tookik Lake Re	43.64 335	P	P	11 47 24.0 +0.4
TOLK	comp=Z,3.5nm,1.1s			Iamb	11 47 49.3
ARCES	ARCES Array B	67.14 19	P	P	11 50 12.9 +0.1
ARCES	comp=Z,2.1nm,0.8s,ba			LR	12 18 23.5
ARCES	baz=301,slow=7.2,SNR=1.9				
CPUP	Villa Florida	72.40 143	LR	LR	12 28 55.3
CPUP	comp=Z,2.8nm,1.8s,ba			Iamb	11 50 46.4 +0.8
CPUP	baz=22,slow=41				
FINES	FINES Array B	72.91 25	P	P	11 50 48.9 +0.6
FINES	comp=Z,1.4nm,0.7s,ba				
FINES	baz=30.0,SNR=3.5				
YAK	Yakutsk	75.44 339	LR	LR	12 28 21.0
YAK	comp=Z,1.9nm,1.8s,ba				
GERES	GERESS Array B	75.96 39	LR	LR	12 23 22.0
GERES	comp=Z,3.5nm,1.8s,ba				
KEST	Kesra	81.55 52	LR	LR	12 24 37.1
KEST	comp=Z,7.5nm,21.5s,ba				
KLR	Kulbucki	84.83 339	LR	LR	12 23 57.0
KLR	comp=Z,4.9nm,20.2s,ba				
AFI	Afiamaul	85.75 250	LR	LR	12 22 20.7</

1375

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like R32A Long Quarter, X34A Smith Ranch, W35A Tecumseh, etc.

ICD 29 12:50:39.9-1.9, 5:67S, 147:79E, h137km, 16km, mb3.6/6, mb1 3.0/8, mb1mx3.5/9, mb1mp4.1/8, Error ellipse: s-maj=33.2km s-min=14.1km az=109.0

NEIC 29 12:50:43.4, 1.5, 5:69S, 0:08, 147:62E, 0:09, h161km, 9km, mb4.4/15, Error ellipse: s-maj=12.4km s-min=12.1km az=60.0

ISC 29 12:50:41.5-0.8, 5:65S, 0:09, 147:7E, 0:1, h150km, n46, e1507/48, mb4.2/14, Eastern New Guinea region

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

2015 DEC

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like OOD Oodnadatta, FITZ Fitzroy Cross, ARMA Armidale, etc.

VIE 29 12:59:02.4, 0.3, 50:11N, 18:43E, h0km, mb2.7/4, ml2.7/3, Error ellipse: s-maj=3.3km s-min=2.6km az=162.0 34 km

IPEC 29 12:59:02.8, 0.2, 50:06N, 18:48E, h2km, 2km, ML2.7/3, Error ellipse: s-maj=2.0km s-min=1.1km az=163.0

ICD 29 12:59:03.3, 1.8, 49:94N, 18:47E, h0km, mb1 3.6/4, mb1mx3.2/50, mb1mp3.5/4, ML2.8/4, Error ellipse: s-maj=32.9km s-min=10.8km az=137.0

PRU 29 12:59:03.7, 0.0, 50:04N, 18:38E, h0km, BGR 29 12:59:03.2, 0.3, 50:10N, 18:40E, h1km, ML3.0/9, Error ellipse: s-maj=6.7km s-min=4.4km az=176.0

ISC 29 12:59:02.0, 6.0, 7.5, 0:07N, 0:03, 18:45E, 0:02, h0km, n59, e120/100, 10C-2D, Poland

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like RAC Raciborz, RAC Raciborz, RAC Raciborz, etc.

29d 13h

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like 12nm,0.5s Collim, CLL Collim, CLL Collim, etc.

NNC 29 13:01:27.7, 8.8, 37:13N, 70:94E, h0km, mb3.3/4, 3C-2D, Error ellipse: s-maj=58.8km s-min=56.2km az=169.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like KK07 Karatay Array, KK09 Karatay Array, AAK Ala-Archa, etc.

REN 29 13:23:33.9, 0.8, 41:87N, 0:02, 119:61W, 0:02, h0km, 5km, ML3.5/5, ML3.1/58(NEIC), Error ellipse: s-maj=3.0km s-min=1.5km az=45.0

ANF 29 13:23:33.7, 1.0, 41:87N, 119:63W, h3km, 8km, ML3.4/14, Error ellipse: s-maj=4.4km s-min=3.2km az=110.0

NEIC 29 13:23:34.0, 0.7, 41:88N, 0:04, 119:62W, 0:02, h12km, 6km, Error ellipse: s-maj=5.2km s-min=2.1km az=168.0

ISC 29 13:23:33.5, 1.3, 41:86N, 0:03, 119:62W, 0:03, h2km, 13km, n49, e083/59, Nevada

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like MOD Modoc Plateau, WVOR Wild Horse Val, WVOR Wild Horse Val, etc.

29d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like K02D, MFID, KHMM, etc.

NEIC 29 13:33:48.7±1.5, 18.6N;0.3:69.0W;0.1, h132km,9km, Error ellipse: s-maj=41.9km s-min=19.5km az=189.0

RSPR 29 13:33:49.7, 18.53N;62.94W, h126km,3km, M3.0, D3.10

OSPL 29 13:33:52.0, 17.789N;69.00W, h61km,3.7km, ML2.7

ISC 29 13:33:49.1±1.3, 18.5N;0.2:68.91W;0.05, h134km, n41, c08541,10C, Mona Passage

Main station list for 29d 14h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCDR, IDE, AGPR, etc.

NIED 29 13:55:37.5, 41.07N;142.80E, h17km, MW3.7, Moment Tensor Solution...

JMA 29 13:55:37.4±0.2, 41.07N;142.80E, h17km, Mw3.7, M3.7

NEIC 29 13:55:41.5±2.3, 41.12N;142.75E;0.1, h41km,6km, mb4.2/7, Error ellipse: s-maj=16.8km s-min=7.3km az=116.0

ISC 29 13:55:43.0±3.2, 41.126N;142.52E, h55km,27km, mb3.5/4, mb1 3.6/6, mb1mx3.2/56, mbtp3.7/6, ML3.1/2, MS4.2/1, Ms1 4.2/1, ms1mx2.6/39, Error ellipse: s-maj=51.3km s-min=27.1km az=126.0

ISC 29 13:55:37.5±1.4, 41.116N;142.71E;0.05, h17km,8km, n48, c1929/58, mb4.1/8, 1D, Hokkaido region

Main station list for 29d 14h (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERM, JEM, JMW, etc.

2015 DEC

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

NEIC 29 14:03:30.4±2.1, 15.54N;0.08:96.40W;0.0'06, h28km,4km, mb4.5/8, Md4.4/63(MEX), Error ellipse: s-maj=12.0km s-min=7.7km az=179.0

ISC 29 14:03:32.7±3.0, 15.61N;96.15W, h41km,9km, mb3.6/5, mb1 3.9/5, mb1mx3.3/58, mbtp3.8/5, MS3.1/3, Ms1 3.2/3, ms1mx2.9/23, Error ellipse: s-maj=51.4km s-min=10.5km az=149.0

MEX 29 14:03:32.7±0.8, 15.72N;96.42W, h30km,12km, MD4.4

ISC 29 14:03:30.4±0.7, 15.65N;96.05:96.41W;0.02, h24km, n74, c253/114, mb4.0/8, 1C, Near coast of Oaxaca

Main station list for 2015 DEC with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG, HUIG, PEIG, etc.

1376

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

REN 29 14:03:42.3±0.9, 41.88N;0.04:119.61W;0.03, h10km,5km, ML3.5/5, ML3.2/58(NEIC), Error ellipse: s-maj=5.2km s-min=2.7km az=164.0

ANF 29 14:03:42.3±0.6, 41.88N;119.57W, h10km, ML3.4/4, Error ellipse: s-maj=6.3km s-min=3.0km az=100.0

NEIC 29 14:03:42.6±1.0, 41.87N;0.04:119.61W;0.03, h12km,4km, Error ellipse: s-maj=6.2km s-min=2.3km az=157.0

ISC 29 14:03:41.9±1.3, 41.87N;0.03:119.61W;0.03, h7km,14km, n44, c0878/53, Nevada

Main station list for 1376 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOD, MOD, MOD, etc.

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

THE 29:14:15:49.8,37:30N:19:81E,h0km,14km,ML4,2/5,Error ellipse: s-maj=17.2km s-min=1.9km az=225.0

MED_RC 29:14:15:53.0,0.6,37:42N:19:80E,h10km,MW4,0/11, Moment Tensor Solution, Mantle waves: s11,c11;

NEIC 29:14:15:53.8,2.1,37:59N:0.07:19.99E:0.04,h4km,4km, mb4.5/40 Error ellipse: s-maj=9.9km s-min=4.5km

MOS 29:14:15:54.1,1.2,37:49N:20:05E,h22km,mb4.4/19,Error ellipse: s-maj=10.1km s-min=4.3km az=72.2

ISC 29:14:15:54.7,1.1,37:58N:0.04:19.96E:0.03,h13km,6km, n295,01976/317,mb4.3/40,MS3.47,9C-15D,Indian Sea

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details.

Table of astronomical observations for 29d 15h, listing stations like KLMR, TORD, GEYT, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for 29d 15h, listing stations like TWSI, BASI, SRI, etc., with columns for station name, time, and other parameters.

ADC 29 15:11:19.2, 2.4, 4.1, 11S, 127.77E, h0km, mb3.3/3, mb1.3/7.4, mb1mx3.3/27, m1mx3.4/32, m1mx3.5/4, ML3.6/1, Error ellipse: s-maj=113.4km s-min=26.3km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like FITZ, ASAR, CMAR, etc.

ADC 29 15:20:53.9, 0.9, 8.95S, 109.08E, h0km, mb4.2/13, mb1.4, 3/14, mb1mx4.0/35, mbmp4.2/14, ML3.7/1, MS3.6/12, M3.1, 3.6/12, ms1mx3.4/32, Error ellipse: s-maj=35.5km s-min=14.7km az=66.0

NEIC 29 15:20:58.2, 1.9, 9.24S, 108.84E, 0.03, h37km, 6km, mb4.7/24, Error ellipse: s-maj=13.1km s-min=3.5km

DJA 29 15:20:58.2, 0.4, 9.5S, 109.08E, h37km, 6km, M4.7/24, mb4.7/24, MB5.3/5, MLV4.7/23, Mw(mb)4.8/5, MwMwp5.9/1, Mwp, 0/1

ISC 29 15:20:58.1, 0.6, 9.32S, 106.108, 92E, 0.05, h37km, 1km, n118, e133/122, mb4.6/39, MS3.7/14, 2C, South of Jawa

Table of astronomical observations for 29d 15h, listing stations like CMJI, YOGI, UGM, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for 29d 15h, listing stations like H08S3, H08S1, STKA, etc., with columns for station name, time, and other parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WBSI, WBSI, H08S2, etc.

29d 18h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like U32A Winter Ranch, U32A Winter Ranch, U32A baz=118, etc.

NOU 29 18:05:06.5, 16:69S; 167:55E, h96km, MLv4.3/14,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like Vanuatu Islands, Vanuatu Islands, DVP Devils Point, etc.

UPP 29 18:06:25.8; 0.1, 67.08N; 20:94E, h6km, ML1.6,

HEL 29 18:06:26.3; 0.1, 67.10N; 21:02E, h0km, ML2.1,

ICD 29 18:06:27.9; 1.0, 67.25N; 20:89E, h0km, mb1 3.0/4,

ISC 29 18:06:25.6; 0.8, 67.10N; 0:03-21:00E; 0:03, h0km, n34,

n159/45, Sweden

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like ERTU Ertsaerov, ERTU Ertsaerov, PAJU Pajala, etc.

2015 DEC

TUL 29 18:18:49.4; 1.8, 35.94N; 0:01-97.30W; 0:01, h6km, 7km,

ML2.7, mb_Lg2.3/10(NEIC), Error ellipse: s-maj=1.8km

s-min=1.4km az=134.0

NEIC 29 18:18:49.3; 1.4, 35.96N; 0:01-97.30W; 0:02, h5km, 2km,

Error ellipse: s-maj=3.0km s-min=2.2km az=148.0,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like Oklahoma, Oklahoma, OK029 Liberty Lake, etc.

1382

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like KTMS 444nm,0.3s, KTMS 782nm,0.3s, etc.

TDK	266nm,0.5s	eS	Sb	18 45 39.6	+3.5	
TDK	292nm,0.4s	3.27 345	eP	Pb	18 44 57.3	+1.3
TDK	Taldyqorghan	3.27 345	ePN	Pb	18 44 57.2	+1.3
TDK	Taldyqorghan	3.27 345	Pg	Pb	18 44 57.3	+1.3
TDK	266nm,0.5s		Lg	Pb	18 45 39.6	
KRBS	292nm,0.4s	3.43 304	eP	Lg	18 44 57.9	-0.7
KRBS	Karabastau	43nm,0.2s	eS	Sb	18 45 41.7	+1.0
KRBS	270nm,0.2s	3.43 304	Pg	Pb	18 44 57.9	-0.7
KRBS	43nm,0.2s		Lg	Pb	18 45 41.7	
KRBS	270nm,0.2s	3.44 357	eP	Pb	18 44 59.6	+0.7
KAPS	Kapalarasan	86nm,0.2s	eS	Sb	18 45 44.2	+3.1
KAPS	225nm,0.3s	3.44 357	Pg	Pb	18 44 59.6	+0.7
KAPS	Kapalarasan	86nm,0.2s		Lg	18 45 44.2	
KBK	225nm,0.3s	3.54 285	P	Pn	18 44 54.6	+1.4
KBK	Karagaybulak	SNR=15	iPN	Pn	18 44 53.3	0.0
KBK	Karagaybulak		iS	Sn	18 45 33.3	-2.4
KBK	Karagaybulak	3.54 285	iP	Pn	18 44 54.0	+0.7
KBK	baz=85		iS	Sn	18 45 35.3	-0.4
CHMS	Chumysh	3.77 289	iPN	Pn	18 44 55.1	-1.1
CHMS	Chumysh	3.77 289	iP	Pn	18 44 57.3	+1.1
CHMS	baz=90		iS	Sn	18 45 40.6	-0.4
UCH	Uchtor	3.80 277	P	Pb	18 45 05.4	+0.2
UCH	Uchtor	3.80 277	iPN	Pn	18 44 57.8	+0.7
UCH	Uchtor		iS	Sn	18 45 40.8	-1.8
UCH	Uchtor	3.80 277	iP	Pn	18 44 58.1	+1.0
UCH	baz=78		iS	Sn	18 45 42.0	-0.6
FRU1	Bishkek	3.80 286	iPN	Pn	18 44 56.6	-0.2
FRU1	Bishkek	3.80 286	iP	Pn	18 44 58.1	+1.3
FRU1	baz=87		iS	Sn	18 45 42.1	+0.1
AAK	Ala-Archa	3.87 284	Pn	Pn	18 44 59.3	+1.6
AAK	1.8nm,0.3s, baz=139,slow=4.7,SNR=20		Lg	Pb	18 45 56.5	
AAK	16nm,0.3s, baz=268,slow=19,SNR=8.9		LR	LR	18 46 46.4	
AAK	comp=Z,22nm,19.1s, baz=112,slow=44		Pn	Pn	18 44 59.4	+1.6
AAK	Ala-Archa	3.87 284	P	Pn	18 44 58.0	+0.3
AAK	SNR=8		Pn	Pn	18 45 41.4	-2.3
AAK	Ala-Archa	3.87 284	iP	Pb	18 45 06.8	+0.6
AAK	17nm,0.5s		Lg	Pb	18 45 58.6	
AAK	106nm,0.8s		iLg	Lg	18 44 58.7	+1.0
AAK	Ala-Archa	3.87 284	iP	Pn	18 45 43.1	-0.6
AAK	baz=84		iS	Sn	18 45 43.1	-0.6
ARLS	Aral	3.94 272	iP	Pn	18 45 00.0	+1.3
ARLS	baz=72		iS	Sn	18 45 45.0	-0.4
SGDS	Sogindiy	4.00 295	ePN	Pb	18 44 59.8	+0.4
SGDS	Sogindiy	4.00 295	Pg	Pb	18 45 07.6	-0.7
SGDS	46nm,0.6s		Lg	Pb	18 45 58.4	
USP	Ospenovka	4.02 292	P	Lg	18 45 00.8	+1.0
USP	SNR=11		Pn	Pn	18 44 58.9	-0.8
USP	Ospenovka	4.02 292	iPN	Pn	18 45 00.9	+1.2
USP	Ospenovka	4.02 292	iP	Pn	18 45 46.4	-1.0
USP	baz=93		iS	Sn	18 45 17.0	+1.9
EKS2	Erkin-Say	4.39 283	P	Pb	18 45 05.2	+0.3
EKS2	SNR=15		iPN	Pn	18 45 06.0	+1.1
EKS2	Erkin-Say	4.39 283	iP	Pn	18 45 55.7	-1.0
EKS2	Erkin-Say	4.39 283	iP	Sn	18 45 16.9	+1.4
EKS2	baz=83		iS	Sn	18 45 16.9	+1.4
AML	Almayashu	4.41 276	P	Pb	18 45 06.1	+0.8
AML	SNR=17		iPN	Pn	18 45 05.0	-2.2
AML	Almayashu	4.41 276	iP	Pn	18 45 05.6	+1.2
AML	Almayashu	4.41 276	iP	Sn	18 45 56.5	-0.8
AML	baz=76		iS	Sn	18 45 29.1	+1.2
BTLS	Baital	5.15 310	eP	Pb	18 46 34.7	+4.5
BTLS	7.5nm,0.2s		eS	Sb	18 45 15.0	-0.2
BTLS	4.3nm,0.5s		eP	Pn	18 45 31.5	+3.6
BTLS	Baital	5.15 310	ePN	Pn	18 45 15.0	-0.2
BTLS	1.7nm,0.5s, baz=311		e	Pn	18 45 31.4	
BTLS	comp=Z,2.0nm,0.5s		pmx	pmx		
BTLS	Baital	5.15 310	Pg	Pb	18 45 29.4	+1.5
BTLS	comp=Z,7.5nm,0.2s		Lg	Pb	18 46 34.7	
MAKZ	Makanchi	5.25 18	Pn	Pn	18 45 18.5	+1.9
MAKZ	SN		Sn	Sn	18 46 18.8	+1.2
MAKZ	Makanchi	5.25 18	iPN	Pn	18 45 18.1	+1.5
MAKZ	SN		Sn	Sn	18 46 18.8	+1.2
MAKZ	comp=Z,1.1nm,0.7s		iPN	Pn	18 45 18.8	+1.2
MAKZ	comp=Z,2.7nm,0.5s		Pn	Pn	18 45 18.8	+1.3
MK31	Makanchi Array	5.31 20	Pn	Pn	18 46 19.7	+0.5
MK31	MK31	5.31 20	SN	Sn	18 45 18.8	+1.3
MK31	Makanchi Array	5.31 20	iPN	Pn	18 46 19.6	+0.5
MK31	comp=Z,1.6nm,0.2s		Sn	Sn	18 45 18.9	+1.4
MKAR	Makanchi Array	5.31 20	Pn	Pn	18 46 21.5	+2.3
MKAR	comp=Z,2.4nm,0.6s, baz=191,slow=20,SNR=18		Sn	Sn	18 46 21.5	+2.3
MKAR	comp=Z,5.6nm,0.3s, baz=209,slow=14,SNR=267		Sn	Sn	18 45 24.1	+1.2
ARK	Arkit	5.70 272	iP	Pn	18 45 26.1	+1.2
ARK	baz=72		iP	Pn	18 45 24.6	-2.3
ARK	Arkit	5.70 272	eP	Pb	18 45 50.6	+4.7
DZA	Taraz	6.21 282	eP	Pb	18 45 33.3	+2.6
DZA	baz=283		Sn	Sn	18 46 46.0	+3.1
WMQ	Urumqi	6.28 69	ePN	Pn	18 45 33.3	+2.6
WMQ	Urumqi		Sn	Sn	18 46 46.0	+3.1
WMQ	comp=N,40nm,0.9s		smx	smx		
ZSN	Zaisan	6.75 32	ePN	Pn	18 45 37.0	-0.2
ZSN	comp=E,63nm,0.9s		ePN	Pn	18 45 36.9	-0.2
ZSN	Zaisan	6.75 32	ePN	Pn	18 45 36.9	-0.2
ZSN	comp=Z,2.1nm,0.9s, baz=32		pmx	pmx		
KK02	Karatay Array	6.83 284	iP	Pg	18 46 08.4	+0.3
KK02	comp=Z,4.6nm,0.5s, baz=97,slow=16		Lg	Pb	18 47 32.6	
KK31	Karatay Array	6.83 284	P	Pb	18 46 01.5	+4.9
IUG	Iuzhnyy	7.13 276	eP	Pb	18 46 07.0	+5.3
IUG	baz=276		Pg	Pb	18 46 07.4	+5.7
IUG	Iuzhnyy	7.13 276	Pg	Pb	18 47 41.0	
IUG	comp=N,0.6nm,0.5s		Lg	Pb	18 46 11.8	-5.5
BRLS	Borolday	7.32 283	eP	Pg	18 46 12.5	-4.8
BRLS	baz=283		Pg	Pg	18 47 48.1	
BRLS	comp=Z,2.1nm,0.3s		Lg	Pb	18 47 48.1	
BRLS	comp=Z,7.7nm,0.3s		Lg	Pb	18 47 48.1	

SEM	Semipalatinsk	8.58 3	ePg	Pg	18 46 35.1	-6.3
KURBB	Kurchatov Arra	8.81 356	Pn	Pn	18 46 06.9	+1.5
KURBB	comp=Z,0.0nm,0.3s, baz=174,slow=16,SNR=5.2		Lg	Pb	18 48 39.7	
KURK	Kurchatov	8.90 356	P	Pn	18 46 06.9	+0.3
KURK	Kurchatov	8.90 356	iLg	Lg	18 48 39.8	
DGZ	Jazzator, Alta	9.57 321	eP	Pn	18 46 17.6	+1.6
ZALV	Zalesovo Beam	12.60 14	Pn	Pn	18 46 58.5	+1.2
ZALV	comp=Z,1.1nm,0.3s, baz=204,slow=13,SNR=4.9		Sn	Sn	18 49 11.1	-7.0
ZALV	Zalesovo Beam	12.60 14	iP	Pn	18 46 58.9	+1.6
ZALV	comp=Z,2.0nm,0.3s		pmx	pmx		
BRVK	Borovoye	12.85 334	iP	Pn	18 47 01.1	+0.4
BRVK	comp=Z,5.0nm,2.3s		pmx	pmx		
GTA	Gaotai	15.54 92	eP	P	18 47 41.3	-0.6
GTA	comp=Z,4.0nm,0.9s		sP	sP	18 47 48.5	+3.8
GTA	comp=Z,4.0nm,0.9s		pP	pP	18 47 51.5	+7.7
GTA	comp=Z,4.0nm,0.9s		pmx	pmx		
AB31	Akbulak array	15.61 305	eP	Pn	18 47 37.9	-0.1
AB31	Akbulak array	15.61 305	Pn	Pn	18 47 37.9	-0.1
SOMN	Somgino Array	19.87 63	P	Pn	18 48 28.9	-0.6
SOMN	comp=Z,0.2nm,0.3s, baz=264,slow=10.0,SNR=6.1		iS	S	18 48 27.9	-2.1
ARU	Arti	19.94 324	P	Pn	18 48 30.9	+0.9
ARU	comp=Z,0.8nm,0.4s, baz=110,slow=14,SNR=4.5		iP	P	18 52 16.3	+0.3
ARU	Arti	19.94 324	iP	P	18 50 45.3	-1.7
ARU	comp=Z,1.6nm,2.9s		P	P	18 51 02.8	+4.4
BRTR	Keskin Array B	34.54 282	P	P	18 52 23.6	
BRTR	comp=Z,0.9nm,0.7s, baz=87,slow=7.8,SNR=3.0		P	P	18 52 37.4	
MNK	Minsk	35.91 309	iP	P	18 56 41.5	+4.5
MNK	Minsk	35.91 309	iP	P	18 59 24.0	
MNK	Minsk	35.91 309	iP	P	19 01 21.0	
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 52 23.6	
MNK	Minsk	35.91 309	iP	P	18 52 37.4	
MNK	Minsk	35.91 309	iP	P	18 56 41.5	+4.5
MNK	Minsk	35.91 309	iP	P	18 59 24.0	
MNK	Minsk	35.91 309	iP	P	19 01 21.0	
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 52 23.6	
MNK	Minsk	35.91 309	iP	P	18 52 37.4	
MNK	Minsk	35.91 309	iP	P	18 56 41.5	+4.5
MNK	Minsk	35.91 309	iP	P	18 59 24.0	
MNK	Minsk	35.91 309	iP	P	19 01 21.0	
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 52 23.6	
MNK	Minsk	35.91 309	iP	P	18 52 37.4	
MNK	Minsk	35.91 309	iP	P	18 56 41.5	+4.5
MNK	Minsk	35.91 309	iP	P	18 59 24.0	
MNK	Minsk	35.91 309	iP	P	19 01 21.0	
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 52 23.6	
MNK	Minsk	35.91 309	iP	P	18 52 37.4	
MNK	Minsk	35.91 309	iP	P	18 56 41.5	+4.5
MNK	Minsk	35.91 309	iP	P	18 59 24.0	
MNK	Minsk	35.91 309	iP	P	19 01 21.0	
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 52 23.6	
MNK	Minsk	35.91 309	iP	P	18 52 37.4	
MNK	Minsk	35.91 309	iP	P	18 56 41.5	+4.5
MNK	Minsk	35.91 309	iP	P	18 59 24.0	
MNK	Minsk	35.91 309	iP	P	19 01 21.0	
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 52 23.6	
MNK	Minsk	35.91 309	iP	P	18 52 37.4	
MNK	Minsk	35.91 309	iP	P	18 56 41.5	+4.5
MNK	Minsk	35.91 309	iP	P	18 59 24.0	
MNK	Minsk	35.91 309	iP	P	19 01 21.0	
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 51 02.9	+4.5
MNK	Minsk	35.91 309	iP	P	18 52 23.6	
MNK	Minsk	35.91 309	iP	P	18 52 37.4	
MNK	Minsk	35.91 309	iP	P	18 56 41.5	+4.5
MNK	Minsk	35.91 309	iP	P	18 59 24.0	
MNK	Minsk	35.91 309	iP	P	19 01 21.0	

29d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SRE, DOPR, HUMR, TGMR, MLR, DJES, etc.

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like NSLU, TRSU, VASR, CFR, KOKK, etc.

1384

Table with columns for station name, frequency, power, and other technical details. Includes stations like EDRB, HORU, BUD, PURM, etc.

Table with columns: U15A, comp=E, 9.9nm, 4.8s, IAML, 19 54 04.8, TCRU, ELKO, MVU, MSK, WUAZ

RSNC 29 20:02:09.9-0.9, 5.27N-73.74W, h147km, 4.2km, ML3.3, Mw3.5, 5C-2D, Fault plane solution: NP1; phi=35.00000°, 858.00000°, lambda=162.00000°, Colombia

Main table for station data on the left side, including columns for Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

NEIC 29 20:02:41.3-0.9, 23.52S-0.05-179.3W, 0.2, h564km, 22km, mb4.5/13, Error ellipse: s-maj=32.4km s-min=4.6km

IDC 29 20:02:50.9-2.6, 23.13S-178.89E, h527km, 91km, mb2.8/4, mb1.3/1.5, mb1mx2/9.27, mbmlt3/9.5, Error ellipse: s-maj=115.2km s-min=35.9km az=33.0

ISC 29 20:02:40.1-1.9, 23.66S-0.1x179.3W, 0.2, h536km, n22, s128/21, mb4.3/10, South of Fiji Islands

Main table for station data on the left side, continuing from the previous table

ATH 29 20:09:21.3, 36.60N-26.59E, h212km, 6km, ML3.8/14, Error ellipse: s-maj=6.5km s-min=1.9km az=59.0

IDC 29 20:09:33.8, 1.1, 36.52N-26.65E, h142km, 12km, mb3.6/8, mb1.3/1.6, mb1mx3/4.56, mbmt4/1.16, MS2.7/1,

Ms 1.2/7.1, ms1mx2/3.29, Error ellipse: s-maj=14.5km s-min=1.7km az=140.0, NEIC 29 20:09:33.4-2.4, 36.62N-0.07-26.59E, 0.06, h141km, 8km, mb4.2/24, ML3.5(THE), Error ellipse: s-maj=10.1km s-min=6.5km az=173.0

DDA 29 20:09:33.5, 36.34N-26.26E, h39km, 6km, ML3.5, ISK 29 20:09:34.9, 36.62N-26.58E, h123km, 1km, ML3.4/25, THE 29 20:09:35.6, 36.57N-26.56E, h159km, 3km, ML3.8/10, Error ellipse: s-maj=3.5km s-min=0.8km az=83.0

HLW 29 20:09:39.5, 36.07N-26.95E, h29km, 24km, M4.3, M4.5, ISC 29 20:09:32.9-0.6, 36.57N-0.03-26.61E-0.03, h143km, 5km, mb4.6, 1347/286, mb4.3/13, Decadecase Islands

Main table for station data in the middle column, including columns for Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

FRMA lerapetra Channel 1.71 205 P Pn 20 10 05.9 +1.6

AYDB Zevirkey-Aydi 1.71 36 P Pn 20 10 05.4 +0.6

HRKL Heraklio 1.75 225 P Pn 20 10 06.3 -1.5

HRKL Heraklio 1.75 225 P Pn 20 10 05.8 +1.0

IACM Heraklion 1.77 225 P Pn 20 10 06.2 +1.1

IACM Heraklion 1.77 225 P Pn 20 10 06.2 -0.4

IACM Heraklion 1.77 225 P Pn 20 10 06.1 +1.1

KSTL Kastelli Herak 1.78 225 P Pn 20 10 05.9 +0.8

IZMIR Izmir 1.79 360 P Pn 20 10 05.5 +0.2

URLA comp=N, 315nm, 0.8s IAML 20 10 30.0

URLA comp=N, 358nm, 0.9s IAML 20 10 33.0

URLA Izmir 1.79 360 P Pn 20 10 05.8 +0.6

BLBC Balcova 1.85 10 P Pn 20 10 06.6 +0.8

BLBC Balcova 1.85 10 P Pn 20 10 06.6 +0.8

CHOS Chios Island 1.87 346 P Pn 20 10 06.8 +0.6

CHOS Chios Island 1.87 346 P Pn 20 10 06.8 +0.6

Table with columns: comp=E, 1.1um, 0.5s, lera Moni Meta 2.40 243 P Pn 20 10 13.4 +0.8

Table with columns: comp=N, 1905um, 0.4s, IMMV 20 10 45.8

Table with columns: comp=N, 1965um, 0.5s, IMMV 20 10 45.8

Table with columns: lera Moni Meta 2.40 243 Pn Pn 20 10 14.5 +2.0

Table with columns: ZEDA ZEDA 2.42 9 P Pn 20 10 13.2 +0.5

Table with columns: comp=E, 151nm, 1.1s, KSL Kastellorizon 2.43 99 P Pn 20 10 14.3 +1.4

Table with columns: comp=N, 3116um, 0.4s, KSL 20 10 45.6

Table with columns: comp=N, 5767um, 0.5s, AKAS Kas 2.44 97 P Pn 20 10 14.6 +1.5

Table with columns: AKAS Kas 2.44 97 P Pn 20 10 14.6 +1.5

Table with columns: comp=N, 845nm, 0.5s, AKAS Kas 2.44 97 Pn Pn 20 10 15.3 +2.2

Table with columns: AKAS Kas 2.44 97 Pn Pn 20 10 14.3 +1.3

Table with columns: AKAS Kas 2.46 73 P Pn 20 10 15.3 +2.0

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: comp=N, 235nm, 0.4s, GOLH 20 10 41.7 -2.6

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include PB12, MT02, PB16, MT09, etc.

NEIC 29.20:24:42.8-0.8, 36.504N-100.088989W, 0.05, h16km, 3km, mb_Lg3.0/15, Error ellipse: s-maj=5.2km

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include U32A, U32A, OK035, etc.

IDC 29.20:25:10.3-0.9, 34.365S-109.666W, h0km, mb4.3/7, Ms1 4.5/7, mb1mx4.1/35, mbmtpp4.3/7, MS4.0/10, Ms1 4.0/10, ms1mx3.8/19, Error ellipse: s-maj=29.5km

NEIC 29.20:25:11.9, 1.4, 34.6S, 0.1x109.5W, 0.2, h13km, 4km, mb4.8/43, Error ellipse: s-maj=25.1km s-min=20.3km az=66.0

GCMT 29.20:25:12.9, 0.4, 34.48S, 0.03x109.28W, 0.03, h8km, 1km, MW4.9/69, Moment tensor: Scale: 1.016Nm, s15, c15, s69, c69, Duration: 0 Moment tensor: Scale: 1.016Nm, s15, c15, s69, c69, Mw: 1.88, 12; Mw2: 5.9, 14; Mw: 1.30, 23; Mw: 1.16, 13; Mw: 0.84, 21; Best double couple: M3.01800, 1016 NP1=54.00000, .661.00000, -1.18.00000, NP2: 0.153.00000, .875.00000, -1.150.00000. Principal axes: T 2.9540, Plg9.0000, Azm281.0000, N 0.1300, Plg56.0000, Azm177.0000, P -0.0820, Plg32.0000, Azm17.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 29.20:25:11.4-0.8, 34.6S, 0.1x109.3W, 0.1, h10km, n75, az=151756, mb4.8/27, MS4.1/13, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include RPN, H03S2, H03S1, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include H03N3, H03N1, G005, G005, etc.

NEIC 29.20:26:15.1-0.9, 43.56N, 0.05x105.20W, 0.04, h0km, 1km, ML3.6/22, Error ellipse: s-maj=8.7km s-min=4.7km az=161.0

ISC 29.20:26:15.1-0.9, 43.56N, 0.05x105.13W, 0.06, h0km, n61, az=11527, Wyoming

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include H03N3, H03N1, G005, G005, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include RWWY, RWWY, N23A, N23A, etc.

TUL 29.20:27:25.1-1.3, 35.66N, 0.02x97.40W, 0.03, h6km, 7km, ML3.0/5, mb_Lg2.6/35(NEIC), Error ellipse: s-maj=3.5km s-min=2.2km az=116.0

ANF 29.20:27:25.0, 2.3, 35.69N, 97.40W, h8km, ML3.0/5, Error ellipse: s-maj=2.3km s-min=2.2km az=109.0

NEIC 29.20:27:25.7, 1.0, 35.68N, 0.02x97.41W, 0.03, h8km, 7km, LRM Error ellipse: s-maj=4.4km s-min=2.5km az=131.0

ISC 29.20:27:25.6, 0.9, 35.68N, 0.02x97.40W, 0.02, h9km, 5km, n66, az=777/82, Oklahoma

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include OK009, OK009, etc.

29d 20h

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

NNC 29 20:31:20.0.9.6,37.02N,70.59E, h0km, mb3.5, mpv3.3, 3C-3D, Error ellipse: s-maj=79.6km s-min=57.8km az=63.0, Afghanistan-Tajikistan border region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK08 Karatay Array, AA6 Ala-Archa, TKM2 Tokmak 2, etc.

BUC 29 20:41:26.9.0.5,45.29N,26.13E, h140km, m3.1/10, 24C-15D, Error ellipse: s-maj=3.7km s-min=2.4km az=166.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEHR Nehoiu, MLR Muntele Rosu, PLAR PLOIESTI, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DOPR Arges, HUMR Humele, GHRH Tescani, etc.

BUC 29 20:42:12.7.0.2,45.38N,24.19E, h5km, m2km, M0.0/9, 21C-7D, Error ellipse: s-maj=2.4km s-min=1.6km az=6.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LOT Lotru, ARR Arges, VOIR Medias, etc.

TUL 29 20:43:16.7.1.6,35.66N,0.01.97.40W, 0.01, h6km, 4km, ML2.7, mb, Lg2.4(NEIC), Error ellipse: s-maj=1.8km s-min=0.4km az=145.0

NEIC 29 20:43:16.8.1.2,35.67N,0.01.97.40W, 0.02, h10km, 3km, Error ellipse: s-maj=2.4km s-min=1.9km az=97.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK009 Oakdale Elemen, OK025 Westminster Rd, OK029 Liberty Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAN13 South Haven SW, KAN14 Manchester OK, T35A Sooner Cattle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHAR Hobbs, R32A Long Quarter, MIAR Mount Ida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AMTX Amarillo, U40A Yellville, S39A Bolivar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like X40A Basin Creek Fa, WHAR Woolly Hollow, FCAR Ozark Folk Cen, etc.

SKHL 29 20:45:13.6.0.5,44.20N,148.30E, h48km, 6km, mb4.4/6, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR 70nm,0.3s, MOA Molin, etc.

1390

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR 940nm,0.4s, KUR 690nm,0.4s, KUR 3um,2.0s, etc.

SKHL 29 20:49:12.7.0.8,44.20N,148.30E, h60km, 9km, mb4.6/11, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR 540nm,0.4s, KUR 3um,0.4s, etc.

VIE 29 20:54:15.4.0.1,47.58N,12.86E, h6km, 1km, mb2.3/17, m13.0/20, Error ellipse: s-maj=1.0km s-min=0.7km az=157.0 12 km WSW of Berchtesgaden

BGR 29 20:54:16.7.0.3,47.60N,12.94E, h5km, ML2.7/9, Error ellipse: s-maj=10.0km s-min=7.8km az=13.0

ROM 29 20:54:16.4.0.2,47.57N,0.010.12.88E, 0.01, h9km, ML2.3/4, Error ellipse: s-maj=1.2km s-min=0.7km az=19.0

PRU 29 20:54:16.4.0.0,47.63N,13.08E, h0km, LDG 29 20:54:16.4.0.1,47.60N,12.83E, h3km, M12.6/29, Error ellipse: s-maj=5.4km s-min=2.4km az=161.0

STR 29 20:54:22.9.5.7,48.16N,16.12E, 4.7, h10km, MLV3.4/6, n148, s2805/239,2C, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBA Koelnbreinsper, KBA 19nm,0.1s, KBA Koelnbreinsper, etc.

29d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like QSPA South Pole Qui, ITAB Concordia, CPUP Villa Florida, etc.

IDC 29 21:40:46.9, 0.2, 35.71N, 97.41W, h6km, ML3.6/9, Error ellipse: s-maj=2.4km s-min=2.2km az=110.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like LPAZ La Paz, TORO Torodi Ar. Bea, YKA Yellowknife Ar, etc.

ANF 29 21:40:46.9, 0.2, 35.71N, 97.41W, h6km, ML3.6/9, Error ellipse: s-maj=2.4km s-min=2.2km az=110.0

TUL 29 21:40:47.1, 1, 35.67N, 0.01, 97.41W, 0.02, h6km, 5km, ML3.3, mb_Lg3.271(NEIC), Error ellipse: s-maj=2.2km s-min=1.8km az=72.0

NEIC 29 21:40:47.3, 1, 0.35, 69N, 0.01, 97.41W, 0.02, h7km, 4km, Error ellipse: s-maj=2.3km s-min=1.8km az=84.0

ISC 29 21:40:47.3, 0.9, 35.69N, 0.02, 97.41W, 0.02, h8km, 6km, n87, 0.556/84, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like OK009 Oakdale Elemen, OK025 Westminster Rd, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like W35A QUOK, QUOK QUOK, CROK Carrier, etc.

TUL 29 21:47.9, 1, 0.35, 94N, 0.02, 97.30W, 0.05, h7km, 7km, ML3.3, mb_Lg3.149(NEIC), Error ellipse: s-maj=5.5km s-min=2.4km az=65.0

ANF 29 22:17.48, 0.1, 2, 35.97N, 97.30W, h7km, ML3.6/11, Error ellipse: s-maj=3.2km s-min=2.5km az=126.0

NEIC 29 22:17.48, 0.1, 2, 35.97N, 0.02, 97.28W, 0.05, h7km, 7km, Error ellipse: s-maj=7.1km s-min=0.9km az=64.0

ISC 29 22:17.48, 0.0, 0.9, 35.96N, 0.02, 97.30W, 0.02, h10km, 9km, n87, 0.562/87, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like OK029 Liberty Lake, OK005 Luther M Schoo, etc.

1392

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like OK031 S. Brethren Rd, OK025 Westminster Rd, etc.

IDC 29 22:21.42, 4.1, 7, 0.85N, 121.58E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.4/3, mb1mx3.5/4, ML3.5/1, Error ellipse: s-maj=149.4km s-min=26.7km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like FITZ Fitzroy Crossi, etc.

30d 1h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AMCZ Amberley, RACZ Rakaia, RPZ Rata Peaks, etc.

ANF 30 01:48:56.3:0.1, 34.18N:117.42W, h8km, 1km, ML4, 8/43, Error ellipse: s-maj=1.2km s-min=1.0km az=33.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CFSC Central Fire S, BFSC Mount Baldy Ra, etc.

2015 DEC

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BELC Belle Mtn, GSC Goldstone, etc.

1396

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CMB Columbia Cole, CMB comp=N,376nm,1.2s, etc.

ANF 30 01:53:44.6:0.1, 34.18N:117.40W, h11km, 1km, ML4, 1/39, Error ellipse: s-maj=1.2km s-min=1.0km az=15.0

az=266.0
GCMT 30 02:58:36.5:0.3,34:68S:0:04:109:20W:0:03,h14km,1km,
MW4.8/69,Moment Tensor Solution, s25,c27, s69,c91;
Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-1.97e-19;

ISC 30 02:58:35.2:0.4,34:38S:0:09:109:45W:0:08,h10km,
n149,r1920/132,mb4.9/64,MS4.2/12,2C-1D,Southern
East Pacific Rise

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

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

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

GCG 30 03:25:30.3:0.3,13:65N:91:39W,h22km,36km,MD4.7
INET 30 03:25:34.4,14:13N:91:09W,h8km,ML5.3
IDC 30 03:25:34.0:0.6,14:37N:90:80W,h84km,3km,mb4.3/24,
mb1.5/6.27,mb1mx4.3/41,mbtmp4.2/27,MS3.8/16,
Ms1.3/8.16,ms1mx3.7/23,Error ellipse: s-maj=18.1km
s-min=8.9km az=54.0

NEIC 30 03:25:34.1:13N:91:12W,h86km,Moment Tensor
Solution, Moment tensor: Scale 10^16Nm; Mrr-2.32;
Mss1.80; Mss0.52; Mss-0.80; Mss-0.42; Fault
plane solution: Ms4.110x0.1016 NP1:8x126.51000",
delta18.01000", lambda-65.09000". NP2:8x280.48000",
delta73.71000", lambda-97.80000". Principal axes: T:3.9602,
Pig26.0000", Azm17.0000"; N:0.2838, Pig26.0000",
Azm283.0000"; P:0.2440, Pig1.0000", Azm9.0000".
NEIC 30 03:25:34.0:1.7,14:14N:0:07:91:11W:0:07,h81km,1km,
mb4.9/254,Mw5.0/20,MD5.2(SNET) Error ellipse:
s-maj=12.3km s-min=6.9km az=222.0

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

ACON	Acoyapa	6.18 110	Pn	Pn	03 27 01.9 +0.0
HZTE	Horizontes, Gu	6.38 122	Pn	Pn	03 27 05.9 +1.2
GBS3	Finca Las Img	6.46 121	eP	Pn	03 27 08.7 +2.9
LAPC	Finca la Perla	6.49 121	eP	Pn	03 27 08.6 +2.4
BUEV	Buena Vista	6.50 120	eP	Pn	03 27 08.5 +2.2
BUIAI	Buenos Aires	6.52 118	eP	Pn	03 27 11.8 +2.5
LM1	Limonal	6.66 120	eP	Pn	03 27 11.2 +2.5
ORTG	Ortega, Santa	6.69 124	Pn	Pn	03 27 10.4 +1.5
GUAB	Guayabo de Bag	6.69 120	eP	Pn	03 27 11.1 +2.2
GUAI	GUAI	6.70 125	eP	Pn	03 27 11.6 +2.6
COLC	Colonia	6.74 120	eP	Pn	03 27 12.5 +3.0
CUII	Cuilapiapa	6.77 119	eP	Pn	03 27 13.0 +3.0
DUNO	Dulo Nombre,	6.83 126	Pn	Pn	03 27 12.9 +2.1
ACAL	Aguas Claras	6.89 120	eP	Pn	03 27 14.1 +2.4
PTEN	Parque Tenorio	6.89 119	eP	Pn	03 27 13.7 +2.1
ESP	Las Esperanzas	6.91 106	Pn	Pn	03 27 11.2 -0.7
JTS	Las Juntas de	7.14 122	P	P	03 27 15.1 +0.0
FORTU	Fortune	7.29 120	eP	Pn	03 27 20.3 +3.3
COBO	Cobano, Puntar	7.37 126	Pn	Pn	03 27 17.8 -0.3
COVE	Coope Vega, Sa	7.39 117	Pn	Pn	03 27 19.6 +1.2
TLIG	Tipala	7.93 296	Pn	Pn	03 27 26.5 +0.6
HDC	Heredia	7.99 120	Pn	Pn	03 27 26.7 -0.1
CVTR	Volcan Turrrial	8.28 119	Pn	Pn	03 27 31.1 +0.1
RIMA	Rio Macho	8.33 121	Pn	Pn	03 27 32.9 +1.5
PEZE	Perez Zeledon,	8.69 122	Pn	Pn	03 27 36.0 -0.3
SRBA	San Rafael, Bu	9.03 122	Pn	Pn	03 27 41.5 +0.6
EDPN	Palmar Norte	9.11 124	eP	Pn	03 27 45.2 +3.4
EDRA	Buenos Aires	9.14 122	eP	Pn	03 27 45.1 +2.7
RIOCS	Rincon, Osa	9.23 119	Pn	Pn	03 27 41.1 +0.0
EDSV	San Vito	9.58 123	eP	Pn	03 27 51.5 +3.1
CDITO	Canoas	9.80 124	eP	Pn	03 27 52.0 +0.7
BRUZ	Volcan	9.82 122	eP	Pn	03 27 53.3 +1.5
MOIG	Morelia	11.09 301	Pn	Pn	03 28 10.2 +1.0
SOR	Soroca	11.52 41	Pn	Pn	03 28 14.9 +0.2
MTDU	Mount Denham	13.65 71	eP	Pn	03 28 51.4 +2.2
ZAIG	Zacatecas	13.83 310	Pn	Pn	03 28 45.7 -0.1
735A	Kenedy	15.89 338	P	IAMB	03 29 13.3 +1.4
735A	comp=Z,80nm,1.1s				03 29 16.3
833A	Chaparral WMA,	16.06 333	P	P	03 29 16.0 +0.1
833A	baz=150				
SJCC	San Jacinto, C	16.15 103	eP	Pn	03 29 16.7 -0.3
SJCC	San Jacinto,	16.15 103	Pn	Pn	03 29 14.1 -1.2
DEBC	Dabeiba	16.27 114	eP	Pn	03 29 18.6 +0.2
DWPF	Disney Wildern	16.54 31	P	P	03 29 21.1 +1.0
DWPF	Disney Wildern	16.54 31	P	P	03 29 21.6 +0.4
UREC	San Jos de Ur	16.56 111	eP	P	03 29 21.2 -0.4
441A	DeRidder	16.62 354	P	P	03 29 22.2 +0.2
CBOC	Ciudad Bolivar	16.62 354	P	P	03 29 21.6 +0.6
656A	Williston	17.09 26	Pn	Pn	03 29 27.8 +1.0
553A	Crawfordville	17.10 20	Pn	Pn	03 29 27.8 +0.9
451A	Vernon	17.11 16	P	P	03 29 28.2 +0.8
342A	Flagon Creek P	17.17 356	P	P	03 29 29.2 +1.1
346A	Big Creek Wild	17.29 122	eP	Pn	03 29 29.4 +0.8
344A	Westbrook Farm	17.21 1	P	P	03 29 29.2 +0.6
HELX	Santa Helena	17.25 116	eP	Pn	03 29 29.9 +0.4
PLMC	San Jos del P	17.26 121	eP	Pn	03 29 30.5 +1.2
ZARC	Zaragoza, Cau	17.28 111	eP	Pn	03 29 29.3 +0.1
ZARC	Zaragoza, Cau	17.28 111	eP	Pn	03 29 29.5 +0.1
BRAL	Brewton	17.33 12	Pn	Pn	03 29 31.1 +0.9
BRAL	Brewton	17.33 12	Pn	Pn	03 29 31.3 +1.5
SMLC	San Martin de	17.52 106	eP	P	03 29 31.1 -1.1
435B	Jarrell	17.58 341	P	Pn	03 29 33.8 +1.1
435B	Jarrell	17.58 341	P	Pn	03 29 33.9 +1.1
YOTC	Yotoco, Valle	17.73 123	eP	Pn	03 29 36.8 +2.0
NATX	Nacogdoches	17.82 350	eP	Pn	03 29 35.7 +0.5
NATX	Nacogdoches	17.82 350	eP	Pn	03 29 36.2 +0.6
GUIYZ	Guayana, Caldas	17.87 118	eP	Pn	03 29 38.5 +1.6
VBMS	Vicksburg	17.98 2	Pn	Pn	03 29 38.2 +0.6
VBMS	Vicksburg	17.98 2	Pn	Pn	03 29 38.8 +1.2
PTBC	PUERTO BERRIO,	18.04 113	eP	Pn	03 29 37.5 -0.3
JCT	Junction City	18.11 335	P	Pn	03 29 40.0 +0.8
JCT	Junction City	18.11 335	P	Pn	03 29 39.8 +0.6
NORC	Norcasisa	18.13 117	eP	Pn	03 29 39.4 -0.2
352A	Blakes	18.15 113	Pn	Pn	03 29 41.1 +1.3
ANIL	Santa Ana	18.22 120	eP	Pn	03 29 42.7 +1.7
237A	Washetta, Mont	18.27 347	P	P	03 29 39.7 -0.5
237A	Washetta, Mont	18.27 347	P	IAMB	03 29 44.5
250A	comp=Z,71nm,1.4s	18.28 13	Pn	Pn	03 29 41.8 +0.6
250A	Grady				03 29 46.3
POPC	Popayan, Colom	18.35 128	eP	Pn	03 29 44.3 +1.9
OCAC	Ocana	18.41 107	eP	Pn	03 29 41.5 -0.6
OCAC	Ocana	18.41 107	eP	Pn	03 29 41.1 -0.7
143A	Soes Landing,	18.46 359	P	P	03 29 42.9 +0.7
BRRC	Barranca, Sant	18.47 111	eP	Pn	03 29 43.0 +0.5
456A	Hilliard	18.49 25	P	P	03 29 43.7 +1.1
146A	Union	18.49 5	P	P	03 29 43.6 +1.0
TIGA	Tifton	18.53 21	P	P	03 29 43.4 +0.4
TIGA	Tifton	18.53 21	P	P	03 29 44.3 +1.3
HPIG	Hiogo	18.61 315	P	P	03 29 44.5 +0.3
SOTA	Rioblanco	18.66 129	eP	Pn	03 29 50.0 +3.6
OTAV	Otavallo	18.66 137	eP	Pn	03 29 47.6 +1.2
OTAV	Otavallo	18.66 137	eP	Pn	03 29 47.1 +0.7
ORTC	Ortega, Tolima	18.67 122	eP	Pn	03 29 47.6 +1.5
WHTX	Lake Whitney,	18.68 343	P	P	03 29 45.0 +0.3
WHTX	Lake Whitney,	18.68 343	P	P	03 29 45.3 +0.7
SPBC	San Pablo de B	18.78 115	eP	P	03 29 46.0 -0.1
ROSC	El Rosal	18.96 118	P	P	03 29 48.6 +0.3
ROSC	comp=Z,5.0nm,0.3s, baz=282,slow=23,SNR=13				03 37 50.8
ROSC	El Rosal	18.96 118	P	Pn	03 29 49.6 -0.2
ROSC	El Rosal	18.96 118	P	IAMB	03 29 53.4
Z41A	Richland Creek	19.07 356	P	P	03 29 49.7 +0.7
PRAC	Prado	19.08 121	eP	Pn	03 29 51.3 +0.4
Z47A	Carrollton	19.15 8	P	P	03 29 50.6 +0.7
Z47A	Carrollton	19.15 8	P	IAMB	03 29 57.2
BARC	Barichara	19.16 111	eP	P	03 29 50.1 -0.3
PAMC	Pamplona, Colo	19.31 109	eP	P	03 29 52.5 +0.3
Z38A	Mt. Pleasant	19.34 359	P	P	03 29 52.9 +1.0
255A	Hazlehurst	19.37 23	P	P	03 29 52.7 +0.5
255A	Hazlehurst	19.37 23	P	IAMB	03 30 09.5
GARC	Garzon, Huila	19.48 126	eP	Pn	03 29 57.1 +1.2
WLAR	White Oak Lake	19.52 355	P	P	03 29 54.2 +0.3
RUSC	La Rusia	19.55 113	eP	Pn	03 29 54.5 -0.3
CHIC	Chingaza	19.57 117	eP	Pn	03 29 56.4 -0.7
GDDR	Presidencia de	19.59 73	eP	Pn	03 29 58.9 +0.0
Y45A	Yeager Farm, C	19.67 4	P	P	03 29 57.0 +1.5
Y45A	Yeager Farm, C	19.67 4	P	IAMB	03 30 10.0
CFLOR	Florencia	19.74 128	eP	Pn	03 30 02.3 +3.7
FLOC	Florencia	19.74 128	eP	Pn	03 29 59.2 +0.5
WILC	Wilveston	19.80 103	eP	Pn	03 30 01.0 +0.6
ABTX	Ablene, Hawle	19.96 338	P	P	03 29 59.6 +0.9
Y49A	Blount Mountai	20.07 11	P	P	03 29 58.6 -1.2
Y49A	Blount Mountai	20.07 11	P	IAMB	03 30 04.8
SC01	Santiago de lo	20.00 72	P	P	03 30 02.2 +0.8
X40A	Basin Creek Fa	20.00 356	P	P	03 30 03.1 +0.9
X40A	Basin Creek Fa	20.00 356	P	IAMB	03 30 05.6
X40A	Basin Creek Fa	20.30 356	P	P	03 30 02.9 +0.7
GOGA	Godfrey	20.39 19	P	P	03 30 04.7 +1.5
GOGA	Godfrey	20.39 19	P	IAMB	03 30 19.2
GOGA	Godfrey	20.39 19	P	P	03 30 04.6 +1.3
MIAR	Mount Ida	20.42 354	P	P	03 30 05.3 +1.8
MIAR	Mount Ida	20.42 354	P	IAMB	03 30 23.1
MIAR	Mount Ida	20.42 354	P	P	03 30 04.3 +0.8
TAMC	Tame, Arauca	20.49 110	eP	P	03 30 04.1 -0.4
LOOK	Love County	20.50 345	P	P	03 30 05.2 +0.7
X48A	Hartselle	20.53 10	P	P	03 30 05.6 +0.7

X48A	comp=Z,58nm,0.8s				
Y52A	Liburn	20.63 17	P	P	03 30 06.3 +0.4
Y52A	Liburn	20.63 17	P	IAMB	03 30 10.6
SOCV	comp=Z,72nm,0.7s				
Socops		20.70 104	eP	P	03 30 05.5 -1.3
X37A	Clayton	20.70 350	IAMB	IAMB	03 30 07.9 +1.3
X37A	Clayton	20.70 350	IAMB	IAMB	03 30 26.6
SDV	comp=Z,89nm,1.1s				
SDV	Santo Domingo	20.73 102	eP	P	03 30 05.8 -1.6
SDV	Santo Domingo	20.73 102	eP	P	03 30 06.4 -0.9
SDV	Santo Domingo	20.73 102	P	IAMB	03 30 06.2 -1.2
SDV	Santo Domingo	20.73 102	P	IAMB	03 30 13.6
FPAL	Fort Paine	20.89 13	P	P	03 30 10.3 +1.6
FPAL	Fort Paine	20.89 13	P	IAMB	03 30 13.2
W41B	comp=Z,59nm,0.9s				
Gary Mavity, V		20.95 357	P	P	03 30 09.6 +0.3
W41B	W41B	20.95 357	P	P	03 30 20.3 +3.3
WHAR	Wooley Hollow	21.07 357	P	IAMB	03 30 11.1 +0.6
WHAR	Wooley Hollow	21.07 357	P	IAMB	03 30 14.0
W39A	comp=Z,61nm,1.1s				
Magazine		21.08 354	P	P	03 30 11.1 +0.4
W39A	Magazine	21.08 354	P	P	03 30 11.3 +0.6
X51A	Calhoun	21.09 14	P	IAMB	03 30 19.4 +1.1
X51A	Calhoun	21.09 14	P	IAMB	03 30 19.4
X34A	comp=Z,42nm,0.9s				
Smith Ranch, M		21.24 345	P	P	03 30 11.1 -1.3
HBAR	Hamburg	21.31 1	P	P	03 30 13.1 0.0
NHSC	New Hope	21.32 26	P	P	03 30 16.1 +2.8
NHSC	New Hope	21.32 26	P	P	03 30 13.7 +0.4
LPAR	Lepanto	21.36 2	P	IAMB	03 30 13.0 -0.7
LPAR	Lepanto	21.36 2	P	IAMB	03 30 17.3
SWET	comp=Z,124nm,1.2s				
Sewanee		21.48 12	P	P	03 30 16.4 +1.4
SWET	Sewanee	21.48 12	P	IAMB	03 30 18.3
HODGE	Hodges	21.53 20	P	IAMB	03 30 16.7 +1.2
HODGE	Hodges	21.53 20	P	IAMB	03 30 19.0
W50A	Signal Mountain	21.59 13	P	IAMB	03 30 17.1 +0.9
W50A	Signal Mountain	21.59 13	P	IAMB	03 30 36.6
FCAR	Ozark Folk Cen	21.66 358	P	IAMB	03 30 17.0 +0.1
FCAR	Ozark Folk Cen	21.66 358	P	IAMB	03 30 19.1
GNAR	comp=Z,41nm,0.9s				
Genesell		21.73 2	P	P	03 30 17.9 +0.2
FNO	Franklin	21.76 346	IAMB	IAMB	03 30 17.8 -0.2
FNO	Franklin	21.76 346	IAMB	IAMB	03 30 30.6
MNTX	comp=Z,66nm,1.2s				
Cornudas Moun		21.81 326	P	IAMB	03 30 19.3 +0.7
MNTX	Cornudas Moun	21.81 326	P	IAMB	03 30 22.2
MNTX	Cornudas Moun	21.81 326	P	P	03 30 19.6 +1.0
LCAR	Lake Charles	21.82 360	P	IAMB	03 30 18.5 -0.1
LCAR	Lake Charles	21.82 360	P	IAMB	03 30 29.9
W52A	Murphy	21.83 16	P	IAMB	03 30 19.4 +0.7
W52A	Murphy	21.83 16	P	IAMB	03 30 38.9
V48A	comp=Z,32nm,0.8s				
Smith Brothers		21.83 9	P	IAMB	03 30 19.7 +1.0
V48A	Smith Brothers	21.83 9	P	IAMB	03 30 38.6
OKFCA	Oklahoma City	21.92 346	P	P	03 30 19.2 -0.5
JSC	Jenkinsville	21.93 22	IAMB	IAMB	03 30 20.2 +0.4
JSC	Jenkinsville	21.93 22	IAMB	IAMB	03 30 22.4
CPCT	Cooper Cave	22.01 14	P	P	03 30 21.8 +1.2
BG3	Lake Jocassee	22.02 18	P	IAMB	03 30 23.2 +1.6
BG3	Lake Jocassee	22.02 18	P	IAMB	03 30 24.2
TUL1					

30d 3h

Table with columns: DUG, Dugway, Tooele, 32.15 328, P, 03 31 54.8 +1.7, P, 03 34 39.8 -0.5, P, 03 31 54.3 +1.3, etc.

2015 DEC

Table with columns: YBH, Yreka Blue Hor, 38.78 321, P, 03 32 50.4 +0.7, YBH, comp=Z,3.1nm,0.5s,baz=173,slow=8.5,SNR=11, P, 03 34 59.9 +0.2, etc.

1400

Table with columns: M30M, Minto, Yukon, 58.05 337, P, 03 35 18.0 +0.7, GDU01, Gandu, BA, 58.06 116, eP, 03 35 18.0 -0.1, etc.

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

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

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

OMAN 30 05:29:44.2±0.7,20.37N,59.08E,h2km,44km,m3.6/11, Error ellipse: s-maj=14.6km s-min=3.3km az=304.0.

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

ROM 30 05:42:19.4±0.5,42.39N,0.04±15.18E,0.04,h9km, ML2.5/7, Error ellipse: s-maj=4.8km s-min=1.6km az=32.0.

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

ISC 30 05:42:18.8±1.3,42.41N,0.00±3.15E,0.03,h4km,11km, s37,±0.587/52.2C, Adriatic Sea

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for ISC stations.

SOME 30 05:44:12.7,38.97N,74.68E,h10km, NNC 30 05:44:17.2±5.3,39.18N,74.80E,h6km,18km,mb4.8, mpv4.5, Error ellipse: s-maj=18.7km s-min=11.0km az=159.0.

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for SOME and NNC stations.

MOS 30 05:44:18.5±1.4,38.98N,74.60E,h53km,mb4.7/14, Error ellipse: s-maj=8.0km s-min=4.4km az=82.8.

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for MOS stations.

IDC 30 05:44:12.1±0.8,38.79N,74.70E,h0km,mb4.0/16, mb1.4, 1/23, mb1mx3.9/54, mb1mp4.0/23, ML3.3/7, MS3.3/9, Ms1.3/3, ms1mx3.1/40, Error ellipse: s-maj=15.1km s-min=14.6km az=75.0

30d 6h

Table with columns: ARU, Arti, 20.56 334, P, 05 48 53.0 -0.1, 05 48 57.9, etc. Includes stations like Wadi Sarin, Groznyy, Gani, etc.

2015 DEC

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

1404

Table with columns: ELGU, EMIJ, EMJ, EMAL, etc. Includes stations like Salt Plains Wd, Grant County #, etc.

SKO 30 05:47:13.2, 41:84N: 19:91E, h36km
ATH 30 05:47:21.7, 41:165N:20:93E, h7km:4km, ML2.3/1, Error ellipse: s-maj=4.5km s-min=2.6km az=176.0

TUL 30 06:00:10.7, 1.36:59N:0.02:98:38W:0.02, h5km:6km, ML3.3, mb_Lg3, 1/64(NEIC), Error ellipse: s-maj=2.3km s-min=1.9km az=138.0
NEIC 30 06:00:10.9, 1.36:57N:0.007:98:38W:0.02, h9km:6km, Error ellipse: s-maj=2.3km s-min=1.0km az=83.0
ANF 30 06:00:11.2, 0.7:36:55N:98:37W, h8km:7km, ML3.777, Error ellipse: s-maj=5.0km s-min=2.7km az=63.0
ISC 30 06:00:10.9, 1.36:57N:0.02:98:37W:0.02, h8km:10km, n72, c054/63, Oklahoma

IDC 30 05:50:06.7, 2.4:27:83N:85:65E, h0km, mb3.7/5, mb1.3/8.7, mb1mx3.3/48, mbtmp3.7/7, ML4.02, MS3.3/1, M1.3/3.1, ms1mx2.5/42, Error ellipse: s-maj=81.0km s-min=22.3km az=68.0

ISC 30 05:50:09.1, 2.5:27:9N:0.83:85E:0.5, h18km, n8, c09/67, mb3.6/5, Nepal

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

MDD 30 05:56:14.7, 0.9:35:39N:3:68W, h12km:10km, mbLg2.3/16, Error ellipse: s-maj=9.4km s-min=6.1km az=167.0, PRXIMO

CNRM 30 05:56:14.2, 35:54N:3:60W, h16km, ml2.6 SFS 30 05:56:14.0, 35:48N:3:72W, ML2.5 ALBORAN SUR 30 05:56:13.9, 1.1:35:49N:0.02:3:68W:0.02, h12km:9km, n30, c128/53, IC, Strait of Gibraltar

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

Table with columns: W35A, R32A, R32A, R32A, etc. Includes stations like Long Quarter, Smith Ranch, etc.

1405

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like U38A Gravette, Z35A Perchaven, ABTX Abilene, KSCO Kaye Shedlock, S39A Bolivar, N33A J Bar K, Z38A Mt. Pleasant, MIAR Mount Ida, U40A Yellville, BGNE Belgrade, T25A Trinidad, MGMO Mountain Grove, X40A Basin Creek, FCAR Ozark Folk, WHAR Woolly Hollow, WLAR White Oak Lake, OGNE Ogallala, L34A Svendsen Farm, P40A Paris, 435B Jarrell, N38A Joes South, L34A Lake Charles, CCM Cathedral Cave, PBMO Poplar Bluff, SCIA State Center, 143A Soos Landing, N41A Harden Midland, N23A Red Feather, S44A Carbondale, W45A Hickory Valley, P43A Skaggs, SUSD Miller, JFWS Jewell Farm.

NOU 30 06:03:35.9, 15:29S:166:35E, h20km, MLv4.8/9, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SANVU Saraoutou, DVP Devils Point, KOUNC Koumac, DZM Mount Dzumac, VATMC Mamic, NOUC Port Laguerre.

IDC 30 06:17:07.7, 9.51, 33N:108:38E, h0km, mb1 3.0/1, mb1mx2.8/39, mbtmp3.1/ML2.9/1, Error ellipse: s-maj=68.8km s-min=55.4km az=117.0, Lake Baykal region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songoing Array, SONM 1.5nm, 0.3s, SONM 1.0nm, 0.3s, 1434M SONGINO INFRAS, I45RU USSURYISK INFR.

NNC 30 06:18:59.6, 4.2, 53:28N:91:11E, h0km, mb3.5, mpv3.3, 10C-4D, Error ellipse: s-maj=31.6km s-min=24.1km az=50.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Array, ZAAO 1.4nm, 0.9s, KURK Kurchatov, KURK 2.4nm, 0.6s, KURRB Kurchatov Arra, MK31 Makanchi Array, MK31 0.4nm, 0.7s, MK31 1.5nm, 0.8s, MAZK Makanchi, MAZK 0.5nm, 0.6s, MAZK 1.1nm, 0.6s, MAZK 9.4nm, 1.3s.

IDC 30 06:52:05.3, 15.0, 8:77S:119:16E, h0km, mb3.4/2, mb1 3.6/3, mb1mx2.8/37, mbtmp3.4/3, ML3.4/1, Error ellipse: s-maj=304.5km s-min=170.0km az=10.0, Flores region

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

INET 30 07:04:44.0, 11:96N:86:79W, h69km, ML3.5, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LEM Lembang, WRA Warramunga Arr.

2015 DEC

ASAR Alice Springs 25.99 167 P P 07 13 25.4 -0.8
MKAR Makanchi Array 59.71 325 P P 07 17 58.0 +0.1

IDC 30 07:30:05.1, 6.6, 19:31S:176:27W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.5/41, mbtmp3.7/2, Error ellipse: s-maj=336.1km s-min=97.6km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, AKASA Malin Array B.

TUL 30 07:32:48.6, 1.5, 35:67N:102:97.40W, 0.0, 3, h6km, 6/m, ML3.1, mb, Lg3.2/87(NEIC), Error ellipse: s-maj=4.3km s-min=1.8km az=115.0

ANF 30 07:32:48.6, 0.4, 35:70N:97:41W, h5km, ML3.6/11, Error ellipse: s-maj=4.1km s-min=3.4km az=108.0
NEIC 30 07:32:48.7, 1.0, 35:69N:102:97.44W, 0.0, 3, h5km, 6/m, Error ellipse: s-maj=3.2km s-min=1.1km az=97.0
ISC 30 07:32:48.7, 1.0, 35:69N:102:97.41W, 0.0, 2, h5km, 9/m, m87, 0.64/60, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OK009 Oakdale, OK025 Westminster Rd, BCOCK Bluff Creek, OK005 Luther Ml Schoo, OKCFA Oklahoma City, OKCFA Oklahoma City, OKCFA Oklahoma City, OKCWS OKLAHOMA CITY, FNO Franklin, OK031 S. Brethren Rd, QUOK Quay, QUOK Quay, QUOK Carrier, BLOK Blackwell, X34A Smith Ranch, GC02 Grant County, OK032 Salt Plains, OK032 Salt Plains, KAN13 South Haven SW, KAN11 Leonard, TUL1 Leonard, TUL1 Leonard, KAN14 Manchester OK, T35B Sooner Cattle, T35B Sooner Cattle, U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, OK035 E0210 Rd and N, KAN05 Bluff City, KAN01 Burlington South, KAN10 Anthony SW Sta, KAN06 Argonia West S, KAN08 Anthony NE Sta, KAN08 Anthony NE Sta, KAN16 Harper SW Sta, KAN12 Harper NE Sta, LOOK Love County, X37A Clayton, X37A Clayton, X37A Clayton, X37A Clayton, Z35A Perchaven, San, Z35A Perchaven, San, Z35A Perchaven, San, U38A Gravette, U38A Gravette, HHAR Hobbs, W39A Magazine, W39A Magazine, W39A Magazine, Z38A Mt. Pleasant, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, KSU1 Kansas State U, KSU1 Kansas State U, KSU1 Kansas State U, ABTX Abilene, AMTX Amarillo, CBKS Cedar Bluff, CBKS Cedar Bluff, U40A Yellville, U40A Yellville, U40A Yellville, S39A Bolivar, 237A Washetta, Mont, 237A Washetta, Mont, WLAR White Oak Lake, WHAR Woolly Hollow, WHAR Woolly Hollow, FCAR Ozark Folk Cen, FCAR Ozark Folk Cen, MGMO Mountain Grove, MSTX Muleshoe, R40A Maddies State, 435B Jarrell, CCAR Cane Creek, P38A Dawn, P38A Dawn, N33A J Bar K, L34A Lake Charles, KSCO Kaye Shedlock, KSCO Kaye Shedlock.

30d 7h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like N35A Tabor, JCT Junction City, BGNE Belgrade, PBMO Poplar Bluff, 143A Soos Landing, T25A Trinidad, FVM French Village, PVMO Portageville, OGNE Ogallala, LNXT Lenox, SLM Saint Louis, W45A Hickory Valley, SDCO Great Sand Dun, S44A Carbondale, SCIA State Center, Q44A Meyer Farm, L40A Anamosa, OLIL Olney, Z47A Carrollton, O44A Mansfield, PHWY Pilot Knob, N23A Red Feather La, JFWS Jewell Farm.

PGC 30 07:39:28.8, 0.1, 48:62N:123:29W, h58km, ML4.4/4.1, Mw4.7, 9km ESE of Sidney, Bc Vancouver Island, Canada Region

Bull 30 07:39:28.0, 0.0, 48:82N:123:64W, h54km, mb5.3/18, mb4.8/39, Ms4.9/4, Ms7.4/6.4

NEIC 30 07:39:29.1, 1.1, 48:61N:103:123:29W, 0.0, 4, h50km, 4km, Error ellipse: s-maj=5.1km s-min=3.5km az=201.0

SEA 30 07:39:29.3, 1.3, 48:59N:102:123:30W, 0.0, 5, h53km, 4km, ML4.8/18, mb4.8/156(NEIC), Mw4.7(NEIC), Mw4.7(OTT), Mw4.7(NEIC), Error ellipse: s-maj=5.1km s-min=2.9km az=72.0

IDC 30 07:39:29.4, 0.4, 48:69N:123:09W, h54km, 3km, mb4.2/25, mb1 4.3/34, mb1mx4.2/53, mbtmp4.4/34, MS3.8/24, Ms1 3.8/24, ms1mx3.7/49, Error ellipse: s-maj=15.0km s-min=9.4km az=58.0

NEIC 30 07:39:29.6, 48:58N:123:27W, h52km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mrr=0.92; Mss=0.23; Mss=1.14; Mss=0.60; Mss=0.26; Mss=0.34; Fault plane solution: Ms1.280000x10^16 NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

NEIC 30 07:39:29.6, 48:62N:123:30W, h54km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mrr=1.08; Mss=0.22; Mss=0.88; Mss=0.66; Mss=0.77; Mss=0.63; Fault plane solution: Ms1.600000x10^16 NP1: 317.000000; 864.000000; -100.000000; NP2: 159.000000; 828.000000; -71.000000; Principal axes: T 1.6693; Plg18.0000; Azm55.0000; N -0.2574; Plg9.0000; Azm322.0000; P -1.4111; Plg7.0000; Azm207.0000;

NEIC 30 07:39:30.48:70N:123:46W, h46km, Moment Tensor Solution, Duration: 450 Moment tensor: Scale 10^19Nm; Mrr=1.27; Mss=0.12; Mss=1.39; Mss=0.42; Mss=0.32; Fault plane solution: Ms1.490000x10^16 NP1: 311.000000; 831.000000; -108.000000; NP2: 331.000000; 855.000000; -108.000000; Principal axes: T 1.5579; Plg8.0000; Azm74.0000; N -0.1353; Plg15.0000; Azm342.0000; P -1.4227; Plg73.0000; Azm193.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

NEIC 30 07:39:30.48:70N:123:46W, h46km, Moment Tensor Solution, Duration: 450 Moment tensor: Scale 10^19Nm; Mrr=1.27; Mss=0.12; Mss=1.39; Mss=0.42; Mss=0.32; Fault plane solution: Ms1.490000x10^16 NP1: 311.000000; 831.000000; -108.000000; NP2: 331.000000; 855.000000; -108.000000; Principal axes: T 1.5579; Plg8.0000; Azm74.0000; N -0.1353; Plg15.0000; Azm342.0000; P -1.4227; Plg73.0000; Azm193.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

ISC 30 07:39:29.0, 3.4, 48:61N:102:123:27W, 0.0, 2, h55km, 2km, NP1: 324.450000; 862.160000; -119.560000; NP2: 194.970000; 839.720000; -146.960000; Principal axes: T 1.2855; Plg12.0000; Azm75.0000; N -0.0147; Plg26.0000; Azm339.0000; P -1.2708; Plg61.0000; Azm189.0000;

30d 7h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NLLB, OBC, CMW, B013, etc.

2015 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NEW, SLEB, G05A, I05D, etc.

1406

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YKA, YFA, GMRC, BFCF, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AMTX Amarillo, I37A Lemond, Waseca, EYMN Ely, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like R505 Resolute Bay, RES Resolute Bay, RES Resolute Bay, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MNK comp=N,28nm,0.8s, MNK comp=Z,26nm,0.8s, etc.

Table with columns: WRA, ScP, ScP, 09 12 18.6 +3.2, etc. Includes stations like Warramunga Arr, Forrest, Marton Dam, etc.

IDC 30 09:07:55.2, 2.8, 25.51N, 142.35E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.3/62, mbtmp3.7/6, MS3.4/2, Ms1 3.4/2, ms1mx2.6/58, Error ellipse: s-maj=123.8km

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

HEL 30 09:09:43.5, 0.5, 60.86N, 28.90E, h0km, ML2.5, Explosion NAO 30 09:09:44.8, 1.8, 60.72N, 28.76E, ML2.6

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Virojoki, FINESS Array S, etc.

Table with columns: NRAO, NORESS Array S, 8.25 276, Pn, Pn, 09 11 47.6 +0.7, etc. Includes stations like NRAO, NORESS Array S, NB2, etc.

TAP 30 09:26:22.9, 24.13N, 122.25E, h20km, ML2.7, D JMA 30 09:26:23.2, 0.1, 24.03N, 122.25E, h22km, 4km, M1.8

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc. Includes stations like EWUT, ETL, ETL, ENA, etc.

Table with columns: TWA, baz=335, eS, Sn, 09 26 57.8 +0.3, etc. Includes stations like TWA, EYUL, NHDH, etc.

IDC 30 09:27:35.3, 863.0, 56.27N, 51.14E, h0km, Error ellipse: s-maj=99.12km s-min=142.5km az=131.0, Baltic

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

EAF 30 09:31:32.6, 4.0, 25.97S, 29.15E, h0km, 24km, MD4.2 BUL 30 09:31:32.9, 3.5, 25.97S, 29.12E, h0km, 20km, MD4.6

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

30d 10h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes entries like ZAAO Zalesovo Array, ZAAO 17nm,0.8s, KURK Kurchatov, etc.

WEL 30 09:57:55.4, 41°S, 2°17'E, h31km, 3km, M3.3/26, ML3.6/26, MLV3.3/26, Error ellipse: s-maj=0.0km s-min=0.0km az=82.3, North Island

Main table of station data with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists numerous stations like PRWZ Pori Road, TIWZ Tintock, etc.

2015 DEC

Main table of seismic event data with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes entries like MOZ McQueen's Vall, TMZ Timaru, CTZ Chatham Island, etc.

1410

Main table of seismic event data with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes entries like JNU Nakatsue, JNU 0.1nm,0.3s, etc.

30d 11h

Table with columns: MONPZ, Monument Peak, 77.73, 47, P, P, 11 20 28.6 +0.8, etc. Lists various locations and their associated data points.

2015 DEC

Table with columns: R11A, Troy Canyon, C, 81.52, 43, P, P, 11 20 48.4 +0.3, etc. Lists various locations and their associated data points.

1412

Table with columns: B08A, Colville Reser, 85.60, 33, I, Amb, I, Amb, 11 21 09.9, etc. Lists various locations and their associated data points.

Table of astronomical data for 30 days and 12 hours, listing objects like JOM, JIAM, JSR, etc., with columns for name, coordinates, and other parameters.

Main table of astronomical data for December 2015, listing objects like LZH Lanzhou, GTA Gaotai, WMQ Urumqi, etc., with columns for name, coordinates, and other parameters.

Table of astronomical data for various regions and objects, including sections for 'ISC 30 11:56:33.5+1.4, 49.02N:0.06:18.14E:0.05, h10km, n7', 'ISC 30 12:11:50.2, 2.25:95S:29.11E, h0km, 27km, MD3.8', etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sb, Pb, S, Time, Res, ISC. Includes stations like TS/LK, IGT, DRO, ANX, LAKA, SERG, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sb, Pb, S, Time, Res, ISC. Includes stations like MJAR, MJAR, MAJO, MAJO, MAJO, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sb, Pb, S, Time, Res, ISC. Includes stations like ULN, ULN, ULN, ULN, ULN, etc.

IDC 30 12:50:10.6z-2.18, 18.04S:178.47W, h606km, 20km, mb3.3/6, mb1 3.5/7, mb1mx3.0/37, mbtmp4.3/7. Error ellipse: s-maj=62.1km s-min=25.8km az=139.0

NEIC 30 12:50:12.9z-1.4, 18.1S:102.178.7W, 0.1, h608km, 12km, mb4.5/15, Error ellipse: s-maj=28.3km s-min=12.0km az=151.0

ISC 30 12:50:11.6z-1.1, 18.0S:102.178.7W, 0.2, h600km, n27, c1517/29, mb4.4/14, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sb, Pb, S, Time, Res, ISC. Includes stations like MSVF, MSVF, MSVF, MSVF, MSVF, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sb, Pb, S, Time, Res, ISC. Includes stations like JSD, JSD, JSD, JSD, JSD, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sb, Pb, S, Time, Res, ISC. Includes stations like WAKE, WAKE, WAKE, WAKE, WAKE, etc.

KMA 30 12:57:10.3z-33.24N, 139.50E, h35km, BJI 30 12:57:33.9z-0.0, 33.91N:137.29E, h339km, mb4.6/34, mb4.6/64

JMA 30 12:57:34.6z-0.2, 33.93N:137.32E, h349km, 2km, M4.4, MOS 30 12:57:34.9z-0.8, 33.83N:137.23E, h342km, mb4.5/35, Error ellipse: s-maj=8.4km s-min=5.0km az=113.4

NIED 30 12:57:34.7z-33.93N:137.32E, h349km, M4.4, Moment Tensor Solution. s3 Moment tensor: Mw=1.019Nm; Mn=0.01; Mw=0.06; Mn=0.06; Mn=1.36; Mw=0.28; Mw=4.49; Fault plane solution: Mw=7.000x10^15 NP1: 17.000000, 89.0, 0.0000, -1.93, 0.0000. NP2: 281.00000, 83.00000, -1.4, 0.0000

IDC 30 12:57:35.8z-0.8, 33.82N:137.24E, h336km, 8km, mb3.9/27, mb1 3.9/35, mb1mx3.8/54, mbtmp4.6/35 Error ellipse: s-maj=9.9km s-min=7.5km az=92.0

NEIC 30 12:57:36.2z-1.5, 33.88N:107.137.32E, 0.08, h338km, 5km, mb4.5/103, Error ellipse: s-maj=10.0km s-min=9.3km az=133.0

ISC 30 12:57:35.9z-0.4, 33.90N:104.137.27E, 0.04, h338km, 3km, h337km, pp-P, n357, c1609/396, mb4.4/114, 27C-6D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sb, Pb, S, Time, Res, ISC. Includes stations like TT03, TT03, TT04, TT04, TT02, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sb, Pb, S, Time, Res, ISC. Includes stations like JKA, JKA, JKA, JKA, JKA, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sb, Pb, S, Time, Res, ISC. Includes stations like JRMJ, JRMJ, JRMJ, JRMJ, JRMJ, etc.

IDC 30 13:41:49.4.0.5, 59.50S:26.02W, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.7/19, mbtmp3.8/5, MS4.0/3, Ms1 3.9/3, ms1mx2.5/2.1, Error ellipse: s-maj=24.1km s-min=17.3km az=48.0

ISC 30 13:41:51.8.0.9, 59.99S:0.1x25.8W+0.2, h16km, n14, az=373/14, mb3.8/5, MS3.7/3, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA4 Sanae, QSPA South Pole Qui, PLCA Paso Flores, MVA Mawson, WAND Vanda, LPAZ La Paz, TORO Torodi Arr, RAO Raoul Island, ASAR Alice Springs, YKA Yellowknife Arr, SONM Songoing Array.

IDC 30 13:45:56.2.2.2, 66.44S:141.74E, h0km, mb1 3.8/5, mb1mx3.3/31, mbtmp3.6/5, ML3.5/4, Error ellipse: s-maj=28.9km s-min=19.0km az=67.0

NOU 30 13:45:58.5, 26.53S:141.72E, h0km, MLV3.9/8, Queensland, Australia

ISC 30 13:45:56.7.0.9, 26.38S:0.06x141.67E+0.07, h10km, n13, az=236/16, Queensland

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like INKA Innaminka, QLP Oulipie, LCRK Leigh Creek, STKA Stephens Creek, STKA Stephens Creek, OOD Oodnadatta, QIS Mount Isa, CMSA Cobarr Meteorol, ASAR Alice Springs, ASAR Alice Springs, CTA Charters Tower, CTCTA Charters Tower, MULG Mulgathing, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi.

IDC 30 13:51:55.8.2.3, 5.16S:129.64E, h198km, 31km, mb3.4/3, mb1 3.3/7, mb1mx2.8/57, mbtmp3.8/7, MS3.2/1, Ms1 3.2/1, ms1mx2.3/2.2, Error ellipse: s-maj=51.8km s-min=16.6km az=82.0

ISC 30 13:51:55.1.0.7, 5.25S:0.06x129.8E+0.1, h200km, n17, az=296/20, mb3.8/3, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like BNDI Bandanaira, FAKI Fak Fak, SIJI Sorong, SIJI Sorong, DRS Darwin Rock St, MTN Mantion Dam, KNRA Kununurra, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, COEN Coen, JAGI Hajag, QIGI Mount Isa, ASAR Alice Springs, ASAR Alice Springs, WRKA Warakurna, JOW Kunigami, CMAR Chiang Mai Arr, MKAR Makanchi Array, KURB Kurchatov Arr.

DJA 30 13:59:46.8.0.7, 2.54x10.1E, h30km, 11km, M4.1/10, mb4.5/1, MLV3.9/10

NEIC 30 13:59:47.8.1.1, 2.06S:0.07x100.66E+0.08, h79km, 8km, mb4.2/13, Error ellipse: s-maj=15.0km s-min=2.2km az=47.0

IDC 30 13:59:47.4.4.0, 2.04S:100.71E, h80km, 34km, mb3.8/10, mb1 3.8/11, mb1mx3.3/58, mbtmp4.0/11, MS3.1/4, Ms1 3.2/4, ms1mx2.8/45, Error ellipse: s-maj=54.1km s-min=14.7km az=55.0

ISC 30 13:59:45.0.0.7, 2.09S:0.05x100.64E+0.05, h56km, n50, az=162/42, mb4.2/15, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like KRJI Kerinci, PPSI Pulau Pagai, PPI Padang Panjang, SISI Saibai, MASI Maura Aman, BKNI Bangkinang, BKNI Bangkinang, MNSI Mandailing Nat, MNAI Manna, LSHI Lahat, DRSI Dabo, MDSI Maura Dua.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like GSI Gunungsitoli, MYKOM Kota Tinggi, RPSI Rantau Prapat, RPSI Prapat, PSI Prapat, IPM Iphoh, KULM Kulim, UBPT Ubung, KAPI Kappang, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, WB0 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, SONM Songoing Array, SONM Songoing Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, USRK Ussuriysk Arr, USRK Ussuriysk Arr, KURB Kurchatov Arr, KURK Kurchatov, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, BVAR Borovoye Array, BRVK Borovoye, ABKAR Abkulak array, MAW Mawson, MAW Mawson, URZ Urewera, ARCES ARCES Array.

EAF 30 14:12:07.1.2.8, 25.88S:29.22E, h0km, 21km, MD.1, BUL 30 14:12:07.1.1.9, 25.90S:29.18E, h0km, 14km, MD.4, South Africa

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like MOPA Mopani, MOPA Mopani, MOPA Mopani, MOPA Mopani, LBTT Lobatse, LBTT Lobatse, LBTT Lobatse, BOSB Boshof, BOSB Boshof, MATP Matopop, MATP Matopop.

NEIC 30 14:46:47.7.1.5, 5.96S:0.09x155.0E+0.1, h185km, 8km, mb4.5/29, Error ellipse: s-maj=16.7km s-min=13.5km az=80.0

IDC 30 14:46:53.0.3.0, 6.06S:155.00E, h246km, 30km, mb3.5/14, mb1 3.6/16, mb1mx3.5/38, mbtmp4.1/16, Error ellipse: s-maj=17.2km s-min=11.5km az=67.0

ISC 30 14:46:48.8.0.6, 5.97S:0.07x154.83E+0.10, h200km, n57, az=93/52, mb4.3/24, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like RABL Rabaul, PMG Port Moresby, COEN Coen, CTCTA Charters Tower, DZM Mont Dzumac, DZM Mont Dzumac, EIDS Eidsvold, EIDS Eidsvold, QUENC Queen Island, FAKI Fak Fak, WR0 Warramunga Arr, WR0 Warramunga Arr, WR0 Warramunga Arr, WR0 Warramunga Arr, WRA Warramunga Arr, MTN Mantion Dam, ARMA Armidale, ARMA Armidale, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, CAN Canberra, CAN Canberra, BBOO Bucleboe, BBOO Bucleboe, MNRI Maunera, OUZ Omahuta, OUZ Omahuta, KAJR Kaimai, TAU Tasmania Unive, OMRZ Omani, URZ Urewera.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like URZ Urewera, URZ Urewera, RUGZ Raukura Rang, PKGZ Pakihoro, MWZ Matawai, TWGZ Tawhareparea, PUZ Puketiti, NMHZ Newmarket Forest, UGM Wanagama, JNU Nakatsue, JNU Nakatsue, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KSRK Korea Arr, USRK Ussuriysk Arr, USRK Ussuriysk Arr, USRK Ussuriysk Arr, PEAB Petropavlovsk, PETK Petropavlovsk, CMAR Chiang Mai Arr, MA2 Magadan, MA2 Magadan, SONM Songoing Array, SONM Songoing Array, BILL Bilibino, MK31 Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, GSPA South Pole Qui, GSPA South Pole Qui, NVAR Mina Array, TORO Torodi Arr.

IDC 30 14:56:03.5.1.8, 59.46S:25.61W, h38km, 14km, mb3.9/5, mb1 4.0/5, mb1mx3.7/21, mbtmp4.1/5, MS3.4/1, Ms1 3.5/1, ms1mx2.9/15, Error ellipse: s-maj=11.3km s-min=6.9km az=69.0

ISC 30 14:56:02.6.0.9, 59.75S:0.1x25.7W+0.2, h32km, n13, az=219/13, mb4.1/5, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, SNA4 Sanae, SNA4 Sanae, QSPA South Pole Qui, PLCA Paso Flores, PLCA Paso Flores, LPAZ La Paz, TORO Torodi Arr, ASAR Alice Springs, YKA Yellowknife Arr, SONM Songoing Array, ILAR Eielson Array.

ANF 30 14:56:15.3.0.9, 43.28N:126.66W, h10km, ML3.5/11, Error ellipse: s-maj=9.2km s-min=5.7km az=71.0

NEIC 30 14:56:15.3.1.5, 43.31N:107.126W+0.1, h10km, 2km, ML3.2/42, Error ellipse: s-maj=15.5km s-min=11.2km az=251.0

IDC 30 14:56:15.8.2.6, 43.49N:126.30W, h0km, mb3.4/3, mb1 3.7/5, mb1mx3.4/33, mbtmp3.4/5, ML3.4/2, MS2.9/4, Ms1 2.9/4, ms1mx2.7/21, Error ellipse: s-maj=49.2km s-min=18.8km az=51.0

ISC 30 14:56:15.5.1.6, 43.31N:107.126W+0.10, h10km, n65, az=88/68, Off coast of Oregon

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Lists stations like KEBM Edson Butte, KEBM Edson Butte, J01E Myrtle Point, J01E Myrtle Point, KBO Bosley Butte, KBO Bosley Butte, KBO Bosley Butte, I02E Swisschore, I02E Swisschore, I02E Swisschore, K02D Willamette Mer, K02D Willamette Mer, I03D Drain OR, I03D Drain OR, L02E Cave Junction, L02E Cave Junction, COR Corvallis, BUCK Buck Mountain, HUKO Hult Mountain, HEBU Mount Hebo, H04D McMinville, H04D McMinville, G03D McMinville, G03D McMinville, I04A Tendick Farm, I04A Tendick Farm, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, J04D Umpqua Nations, J04D Umpqua Nations, M02C Callahan, M02C Callahan, H04A Detroit Lake, H04A Detroit Lake, KMRM Mail Ridge, KMRM Mail Ridge.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, etc. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, etc. Includes stations like ITM Ithomi, PLCA Paso Flores, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, etc. Includes stations like PKGZ Pakihiroa, PKGZ Raukumara Rang, etc.

30d 18h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Port Moresby, Mount Surprise, Charters Tower, Warramunga Arr, etc.

2015 DEC

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like South Pole Qui, Pitinga, Torodi Ar, Beza, etc.

1420

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kasteck, Matute, MTBS, DGS, MDOK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC. Includes stations like Lake Whitney, Yellville, Bolivar, Basin Creek, White Oak Lake, etc.

1421 18:26:31.1±0.6, 24:29S±176.01W, h0km, mb4.615, mb1 4.7/16, mb1mx4.5/33, mbmp4.6/16, ML4.2/1, MS4.1/21, Ms1 4.2/21, ms1mx4.1/30, Error ellipse: s-maj=20.5km s-min=18.6km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC. Includes stations like Raoul Island, Niue, Nonsavu, Afiatamalu, Urewera, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC. Includes stations like Gaotai, Zaloska Beam, Makanchi Array, etc.

1421 19:25:06.7±1.8, 0.73S; 125.31E, h0km, mb3.8/4, mb1 4.1/5, mb1mx3.6/47, mbmp3.9/5, ML4.4/1, MS2.5/1, Ms1 2.5/1, ms1mx2.1/38, Error ellipse: s-maj=133.5km s-min=28.1km az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC. Includes stations like Manton Dam, Kunururua, Fitzroy Crossi, etc.

1421 19:34:13.7±0.4, 34.79N±25.71E, h0km, mb3.5/6, mb1 3.6/6, mb1mx3.4/7, mbmp3.6/6, Error ellipse: s-maj=14.3km s-min=2.9km az=31.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC. Includes stations like Ierapetra Chan, Neapolis, Sivas, etc.

30d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GVD, VAM, YAM, IMMV, etc.

MAN 30 19:36:15.5, 7.80N x 127.16E, h1km, mb5.3, ML4.2, MS4.4
IDC 30 19:36:23.1, 5.9, 7.84N, 127.11E, h2km, 5.4km, mb3.5/8,
mb1 3.6, mb1mx3.4/3.5, mbtmp3.6/6, MS4.1/1, Ms1.4/1/1,
ms1detx2.7/2.5, Error ellipse: s-maj=52.4km s-min=15.9km
az=64.0

ISC 30 19:36:18.6, 2.2, 7.87N x 102.04 x 127.0E, 0.1, h32km, 14km,
n22, c232/30, mb3.8/6, 3C-6D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BIPH, MATI, DAV, BUTP, etc.

IDC 30 19:48:26.9, 4.6, 4.60S, 153.79E, h0km, mb3.4/2,
mb1 3.7/2, mb1mx3.3/2.9, mbtmp3.4/2, MS3.3/1, Ms1 3.3/1,
ms1mx2.6/1.7, Error ellipse: s-maj=219.7km
s-min=56.2km az=121.0, New Ireland region

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

WEL 30 19:50:00, 40.54S, 173.51E, h141km, ML5.1, Mw4.6,
Moment Tensor Solution, s8 Moment tensor: Scale 1016
Nm; Mw: 0.12; Mo: 0.40; Mo: 0.52; Mo: 0.71; Mo: 0.42;
Mo: 0.36; Fault plane solution: M1: 0.100x1016 NP1:
0.22200000, 0.3800000, 173.00000, NP2:
0.11700000, 0.8600000, 152.00000. Principal axes: T
-1038.9400, Plg37.0000, Azm354.0000, N 990.2300,
Plg38.0000, Azm120.0000, P 48.7100, Plg31.0000,
Azm237.0000

IDC 30 19:50:47.6, 1.9, 3.12N x 161.17E, h149km, 4km,
mb4.1/2.0, mb1 3.9/2.1, mb1mx4.2/2.5, mbtmp4.6/1.2, MS3.4/3,
Ms1 3.4/3, ms1mx3.0/1.8 Error ellipse: s-maj=16.4km
s-min=13.4km az=55.0

NOU 30 19:50:47.8, 40.64S, 173.44E, h134km, mb4.7/3.1, Cook
Strait, New Zealand
NEIC 30 19:50:48.2, 1.4, 40.56S, 0.06, 173.42E, 0.09, h142km, 6km,
mb4.6/3.4, Error ellipse: s-maj=10.0km s-min=9.1km
az=131.0

WEL 30 19:50:49.9, 0.9, 41.31S x 17.3E, h119km, 7km, M4.9/12,
ML4.9/12, Error ellipse: s-maj=0.0km s-min=0.0km
az=89.2

ISC 30 19:50:48.2, 0.6, 40.62S, 0.03, 173.43E, 0.03, h149km, 4km,
n294, c2601/359, mb4.7/2.9, 5C-6D, Fault plane solution:
NP1: 0.116.89870, 0.82.00356, 145.94403, NP2:
0.18.17118, 0.44.62880, 1.168.57877. Principal axes:
T Plg36.9843, Azm348.9075, N Plg43.5194,
Azm124.5647, P Plg23.8825, Azm239.4284, Cook
Strait

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

2015 DEC

Main table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like WEL, NMEZ, CMWZ, etc.

1422

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like RRRZ, NGRZ, TOZ, etc.

30D 21h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KNM, KNMB, AXDP, etc.

EF 30 20:51:24.2, 13.0, 20:32S, 31.98E, h10km, MD4.1
BUL 30 20:51:23.9, 13.0, 20:30S, 32.01E, h10km, MD4.5, Zimbabwe

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSNA, MATP, TETE, CNG, etc.

IDC 30 21:17:03.3, 1.4, 6.21S, 150.42E, h0km, mb4.2/5, mb1 4.4/5, mb1mx3.9/28, mbtmp4.2/5, MS3.1/5, Ms1 3.1/5, ms1mx2.9/28, Error ellipse: s-maj=49.3km s-min=22.4km az=120.0

NEIC 30 21:17.1, 2.1, 7.62S, 0.1, 150.1E, 0.1, h35km, 2km, mb4.3/12, Error ellipse: s-maj=27.5km s-min=4.4km az=138.0

DJA 30 21:17.1, 6.3, 5.6, 6.9S, 15.0E, h17km, 28km, M5.0/6, mb4.9/6, MLV5.0/2

ISC 30 21:17.1, 2.1, 8.62S, 0.1, 150.1E, 0.1, h52km, n38, r150/36, mb4.2/10, New Britain region

Main table for 30D 21h section, listing station codes, names, coordinates, and other parameters. Includes stations like RABL, PMG, COEN, HNR, KDU, EIDS, MTN, WRB, WRA, WRM, STKA, etc.

IDC 30 21:29:17.4, 2.1, 30.63S, 72.00W, h0km, mb4.1/4, mb1 3.9/8, mb1mx3.8/24, mbtmp3.8/8, ML3.6/4, MS3.1/3, Ms1 3.1/3, ms1mx2.8/21, Error ellipse: s-maj=69.2km s-min=23.6km az=102.0

SJA 30 21:29:18.4, 0.6, 30.53S, 71.96W, h9km, ML4.1, MW3.7
GUC 30 21:29:22.0, 0.6, 30.70S, 71.62W, h28km, 2km, ML4.3

NEIC 30 21:29:23.0, 1.9, 30.68S, 0.04, 71.74W, 0.04, h62km, 5km, mb4.5/8, ML4.3(GUC), Error ellipse: s-maj=6.4km s-min=4.1km az=134.0

ISC 30 21:29:21.8, 0.9, 30.69S, 0.02, 71.83W, 0.04, h27km, 5km, n107, r24/129, mb4.3/6, 3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CO06, CO03, CO04, etc.

2015 DEC

Main table for 2015 DEC section, listing station codes, names, coordinates, and other parameters. Includes stations like AROD, VA01, VA03, ROCH, etc.

1424

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LPAZ, LPB, PLV, BDFB, etc.

NNC 30 21:32:48.1, 1.1, 0.36, 96.96N, 70.57E, h0km, mb3.6, mpv3.2, 4C-2D, Error ellipse: s-maj=90.9km s-min=83.6km az=155.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KK02, AAK, AAK, TKM2, etc.

IDC 30 21:33:08.1, 1.3, 6.00S, 130.94E, h0km, mb3.3/1, mb1 3.7/3, mb1mx3.4/3, mbtmp3.5/3, ML3.9/2, Error ellipse: s-maj=56.6km s-min=10.2km az=67.0, Banda Sea

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

NEIC 30 21:55:37.3, 1.2, 22.05S, 0.04, 68.50W, 0.07, h107km, 6km, Error ellipse: s-maj=10.1km s-min=6.5km az=92.0

GUC 30 21:55:37.0, 0.2, 22.05S, 68.53W, h108km, 4km, ML3.8
IDC 30 21:55:38.7, 0.9, 22.12S, 68.03W, h12km, 9km, mb3.7/4, mb1 3.6/7, mb1mx3.5/29, mbtmp3.9/7, Error ellipse: s-maj=10.6km s-min=7.0km az=14.0

ISC 30 21:55:37.1, 0.7, 22.05S, 0.04, 68.55W, 0.07, h113km, 7km, n48, r086/66, mb4.2/5, 4C-1D, Northern Chile

Main table for 1424 section, listing station codes, names, coordinates, and other parameters. Includes stations like LVC, LVC, IPOC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include AP01 Chacalluta, AC02 Maricunga, GO03 Copiapu, LP03 La Paz, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include SONM Sogino Array, SONM 2.0nm, 0.3s, etc.

Code Station Name Az Phase ID Time Res ISC

Code Station Name Az Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include IUG luzhny, CHM Chikment, CHM Borolday, etc.

TUL 30 22:05:51.3+0.5, 45.68N, 99.23E, h0km, mb3.6/1, mb1 3.3/5, mb1mx2.9/65, mbtmp3.3/5, ML2.5/4, Error ellipse: s-maj=8.5km s-min=2.3km az=10, Mongolia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include QUOK Quay, QUOK S. Brethren Rd, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include BLOK BLOK, BLOK Leonard, BLOK Westminister Rd, etc.

Code Station Name Az Phase ID Time Res ISC

Code Station Name Az Phase ID Time Res ISC

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include THAS, SRS Serrai, SRS Serrai, etc.

Code Station Name Az Phase ID Time Res ISC

Code Station Name Az Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include KPRO Kipourio, KPRO Kipourio, KPRO Platees, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like OHR, PLD, LKD2, etc.

FUNV 30 23:11:54.9, 11.63N, 70.33W, h13km, MW3.4
ISC 30 23:11:54.6, 11.1, 11.64N, 0.04, 70.33W, 0.03, h30km, 11km,

n18, c095/36, Near coast of Venezuela

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

NEIC 30 23:18:01.8, 0.5, 29.30N, 0.08, 130.4E, 0.1, h31km, 7km,
mb4.4/9, Error ellipse: s-maj=19.43km s-min=9.2km

JMA 30 23:18:01.7, 0.1, 29.28N, 130.41E, h58km, 3km, M3.1
IDC 30 23:18:01.4, 2.4, 29.21N, 130.50E, h43km, 16km, mb3.6/10,

ms1 3.6/12, mb1mx3.3/67, mbtmp3.8/12, ML3.1/2, MS2.9/2,
Mb1 2.9/2, ms1mx2.5/34, Error ellipse: s-maj=42.3km

ISC 30 23:18:02.1, 1.3, 29.24N, 0.06, 130.43E, 0.07, h43km, 11km,
n45, c055/53, mb4.2/13, Ryukyu Islands

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

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

NEIC 30 23:20:56.8, 1.7, 0.02N, 0.06, 123.82E, 0.05, h143km, 6km,
mb4.6/43, Error ellipse: s-maj=9.0km s-min=7.8km

az=187.0
IDC 30 23:20:56.4, 1.4, 0.06N, 123.77E, h151km, 13km, mb3.9/20,

mb1 3.9/23, mb1mx3.7/57, mbtmp4.3/23, MS2.6/1,
Ms1 2.8/1, ms1mx2.3/30, Error ellipse: s-maj=13.8km

s-min=8.4km az=76.0
DJA 30 23:20:58.4, 0.3, 0.3, 0.3, 12.4E, h115km, 6km, M4.5/15,

mb4.6/6, mb4.8/5, MLV4.6/15, Mw(mB)4.0/5
KLM 30 23:20:59.0, 1.5, 123.94E, h127km, mb4.9
ISC 30 23:20:56.7, 0.6, 0.00N, 0.04, 123.86E, 0.04, h148km, 6km,

n126, c1925/142, mb4.5/36, 1C-2D, Minahassa Peninsula,
Sulawesi

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

KNRA Kunurra 16.31 163 P 23 24 38.1 +0.4

KNRZ 2.6nm, 0.3s, baz=104, slow=20, SNR=6.0

DLV T Lat 19.33 308 P 23 25 10.8 -0.2

MBWA Marble Bar 21.41 191 P 23 25 32.3 -0.7

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like PSA00, PSA00, WBO, etc.

1427

Table with columns: YAK, YAKUTSK, ZALV, ZALV, KURBB, KURCHATOV, KURCHATOV, CASY, CASY, TAXI, TAXI, TAXI, TAXI, NRIK, NORILSK, VANDA, VANDA, VANDA, VANDA, IMAR, KANTISHNA, KANTISHNA, GSPA, SOUTH POLE QUI.

NEIC 31 00:53:13.3-1.3, 21.23N-108.121E, 0.09, h125km, 6km, mb4.6/62, Error ellipse: s-maj=12.4km s-min=10.5km az=61.0

TAP 31 00:53:14.2-2.1, 41N-121.80E, h147km, ML5.0, D JMA 31 00:53:14.6-0.3, 21.36N-121.80E, h120km, M3.6

BUI 31 00:53:14.6-0.0, 21.35N-121.77E, h129km, mb4.5/12, mb4.2/28

IDC 31 00:53:16.2-1.0, 21.23N-121.99E, h163km, 9km, mb3.9/26, mb1.4/0.29, mb1mx3.8/59, mbtmp4.4/29, MS3.2, Ms1.3/2.2, ms1mx2.8/30, Error ellipse: s-maj=15.8km s-min=8.0km az=78.0

ISC 31 00:53:14.4-0.5, 21.31N-103.121E, 0.03, h142km, 4km, h317, s150/435, mb4.5/56, 7G-56D, Taiwan region

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, P, E, S, N.

2015 DEC

Main table with columns: SLGT, ELDTW, ELDTW, ECBN, ECBN, EYUL, EYUL, STYH, STYH, STYT, STYT, TWF1, TWF1, SGST, SGST, YULB, YULB, YULB, YULB, HGSD, CHN3, CHN3, CHN1, CHN1, WTP, WTP, EHY, EHY, TAI, TAI, SNST, SNST, TAI1, TAI1, TPUB, TPUB, TPUB, TPUB, SSHA, SSHA, TWK, TWK, YUS, YUS, CHN4, CHN4, EGFH, EGFH, ALS, ALS, SCLT, SCLT, SCLT, SCLT, ICHU, ICHU, ICHU, ICHU, CHN5, CHN5, CHN5, CHN5, VWDT, VWDT, VWDT, VWDT, CHN8, CHN8, CHN8, CHN8, ESL, ESL, ESL, ESL, CHY, CHY, CHY, CHY, CHN2, CHN2, CHN2, CHN2, TEYL, TEYL, TEYL, TEYL, SSSL, SSSL, SSSL, SSSL, WSK, WSK, WSK, WSK, WDLH, WDLH, WDLH, WDLH, ETM, ETM, ETM, ETM, HWA, HWA, HWA, HWA, WJS, WJS, WJS, WJS, SMLT, SMLT, SMLT, SMLT, OWD, OWD, OWD, OWD, WTK, WTK, WTK, WTK, WTK, WTK, WTK, WTK.

31d 0h

Main table with columns: TYC, TYC, WSF, WSF, WUSB, WUSB, WNT, WNT, WNT, WNT, TWD, TWD, TWD, TWD, WDGJ, WDGJ, WDGJ, WDGJ, WNT1, WNT1, WNT1, WNT1, CHGB, CHGB, CHGB, CHGB, WPL, WPL, DPDB, DPDB, NACB, NACB, NACB, NACB, WCS, WCS, WCS, WCS, WHF, WHF, WHF, WHF, WYL, WYL, WMLT, WMLT, ETLH, ETLH, ETLH, ETLH, WRL, WRL, WRL, WRL, VCHM, VCHM, VCHM, VCHM, WTCT, WTCT, WTCT, WTCT, FUSS, FUSS, FUSS, FUSS, TWT, TWT, TWT, TWT, WCHH, WCHH, WCHH, WCHH, TDCB, TDCB, TDCB, TDCB, TCU, TCU, TCU, TCU, PHUB, PHUB, PHUB, PHUB, SGCP, SGCP, WHP, WHP, PNG, PNG, PNG, PNG, EWUT, EWUT, EWUT, EWUT, NNSB, NNSB, NNSB, NNSB, NNS, NNS, NNS, NNS, TWQ1, TWQ1, TWQ1, TWQ1, WDJ, WDJ, WDJ, WDJ, LATG, LATG, LATG, LATG, NSY, NSY, NSY, NSY, TWC, TWC, TWC, TWC, NDT, NDT, NDT, NDT, HATJ, HATJ, HATJ, HATJ, YONG, YONG, YONG, YONG, NDS, NDS, NDS, NDS, ENTT, ENTT, ENTT, ENTT, YOJ, YOJ, YOJ, YOJ, YOJ, YOJ, YOJ, YOJ, NMLH, NMLH, NMLH, NMLH, YHNB, YHNB, YHNB, YHNB, YHNB, YHNB, YHNB, YHNB, NNS, NNS, NNS, NNS, NSTT, NSTT, NSTT, NSTT, TWE, TWE, TWE, TWE, LIOB, LIOB, LIOB, LIOB, FUSB, FUSB, FUSB, FUSB, NNLW, NNLW, NNLW, NNLW, APYP, APYP, APYP, APYP, IRIF, IRIF, IRIF, IRIF.

31d 1h

Table with columns: NTC, Toucheng, 3.53, 0, eP, Pn, 00 54 08.1 -0.2, etc. Lists various station names and their associated data points.

2015 DEC

Table with columns: BBKI, Banjar Baru, 25.55, 196, P, P, 00 58 36.1 +5.9, etc. Lists station names and their associated data points.

1428

Table with columns: M26K, Nabesna, AK, 73.72, 29, P, P, 01 04 36.4 +1.0, etc. Lists station names and their associated data points.

DC 31 01:23:48.0; 1.1, 2.06N; 126.06E; h0km, mb3.8/6, m1 4.0/6, m2 1mx3.736, m3 2.8/1, MS2.8/1, m1mx2.4/32, Error ellipse: s-maj=68.7km s-min=20.0km az=73.0

DJA 31 01:23:53.6; 0.3, 2.3N; 126.06E; h10km, M4.2/8, mb4.4/2, m84.6/2, MLV4.1/8, MW(mB)3.7/2

ISC 31 01:23:57.0; 0.8, 1.96N; 0.06E; 126.08E; 0.06, h83km, n15, az178/15, mb3.7/5, ID, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station names and their associated data points.

FUNVJ 31 01:31:08.1; 8.50N; 71.49W; h5km, MW3.2

ISC 31 01:31:07.0; 1.4, 8.54N; 0.06E; 71.45W; 0.03, h2km; 12km, n15, az101/26, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station names and their associated data points.

RSNC 31 01:31:08.6; 0.8, 7.40N; 73.17W; h132km; 4km, ML2.3, 1C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station names and their associated data points.

DC 31 01:43:25.6; 1.1, 9.84N; 62.13W; h0km, mb3.5/4, m1 3.9/7, m1mx3.6/37, m2mx3.8/7, ML4.1/3, MS3.1/4, Ms1 3.1/4, m1mx2.9/26, Error ellipse: s-maj=25.3km s-min=15.3km az=17.0

TRN 31 01:43:31.7; 9.60N; 62.52W; h23km

FUNVJ 31 01:43:34.9; 9.78N; 62.50W; h27km, MW4.6

ISC 31 01:43:30.0; 6.947N; 0.05E; 62.47W; 0.04, h31km, n15, az230/50, mb3.6/6, Near coast of Venezuela

31d 2h

Table with columns: ID, Name, Comp, Z, SNR, I, A, M, B, Value, and other columns. Rows include N57A Sunshine Farm, N54A Moraine State, N54A Moraine State, KSPA Keystone Colle, N53A Lisbon, P49A Miami Univ. Ec, P49A Miami Univ. Ec, ACSSO Alum Creek Sta, ACSSO Alum Creek Sta, WLAR White Oak Lake, P48A Milroy, M55A Ridgway, NATX Nacogdoches, NATX Nacogdoches, BLO Bloomington, LCAR Lake Charles, M54A Oil Creek Sta, HKT Hockley, HKT Hockley, O49A Covington, X40A Basin Creek Fa, X40A Basin Creek Fa, PBMO Poplar Bluff, N51A Ashland, W41B Gary Mavly, S44A Carbondale, M53A WI Miller and, WHAR Woolly Hollow, BINY Binghamton, BINY Binghamton, L56A Greenwood, FCAR Ozark Folk Cen, MIAR Mount Ida, MIAR Mount Ida, K57A Scipio Cen, FVM French Village, W39A Magazine, TBGT Tabatinga, AM U40A Yellville, U40A Yellville, SFIN Lafayette, SFIN Lafayette, J58A Remsen, MGMO Mountain Grove, J59A Piesco, J57A Williams, CCM Cathedral Cave, CCM Cathedral Cave, PTGA Pitinga, L44A N Adams, O44A Mansfield, 435B Jarrell, 435B Jarrell, X37A Clayton, NCB Newcomb, WHTX Lake Whitney, WHTX Lake Whitney, U38A Gravette, HDIL Hopedale, HDIL Hopedale, MDP Montagnes des, 833A Chaparral WMA, LONY Lake Ozonia, TUL1 Leonard, SADO Sadowa, N41A Harden Midland, MACA Manacapura-AM, MACA Manacapura-AM, JCT Junction City, JCT Junction City, FNO Franklin, QUOK Quay, L42A Oliver, Polo, P48A Dawn, T35A Sooner Cattle, BCOK Bluff Creek, ABTX Abilene, Hawle, ABTX Abilene, Hawle, BLOK Blackwell, CZSB Cruzeiro do Su, L40A Anamosa, KAN13 South Haven SW, CROK Carrie, JFWF Jewell Farm, KAN01 Argonia South, KAN05 Bluff City Nor, KAN08 Anthony Ne Sta

2015 DEC

Table with columns: ID, Name, Comp, Z, SNR, I, A, M, B, Value, and other columns. Rows include KAN10 Anthony SW Sta, KAN12 Harper Ne Stat, KSUI Kansas State U, SCIA State Center, SCIA State Center, MALB Monte Alegre, AMTX Amarillo, AMTX Amarillo, ITTB Itaituba, I37A Lemond, Waseca, MSTX Muleshoe, MSTX Muleshoe, MSTX Muleshoe, CBKS Cedar Bluff, CBKS Cedar Bluff, ETMB Extrema, ETMB Extrema, BGNE Belgrade, SPNM Marine on St, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, MNTX Cornudas Mout, MNTX Cornudas Mout, F36A Milaca, F36A Milaca, K31A O'Neill, KSCO Kaye Shedlock, KSCO Kaye Shedlock, NPGS Novo Progresso, EYMN Ely, EYMN Ely, T25A Trinidad, F33A 5 Mile Ranch, F33A 5 Mile Ranch, BGNM Ogallala, BGNM Barren Site, ANMO Albuquerque, ANMO Albuquerque, B35A Bob, H Heflor, SDCO Great Sand Dun, SDCO Great Sand Dun, 121A Cookes Peak, TMAB Tom-Au, PA, Br, Q24A Divide, AGMN Agassiz Nation, AGMN Agassiz Nation, AGMN Agassiz Nation, AGMN Agassiz Nation, S22A 4UR Ranch, Cre, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, 319A Douglas, PRPB Paraupebas, SMCO Snowmass, SMCO Snowmass, VILB Vilhena, VILB Vilhena, VILB Vilhena, N23A Red Feather La, CLDB Colider, E28A Huff, PDRB Porto dos Gac, MVCO Mesa Verde, MDND Maddock, MDND Maddock, RSSD Black Hills, X18A Snowflake, X18A Snowflake, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, TUC Tucson, TUC Tucson, SCHO Schefferville, SCHO Schefferville, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, RWWY Rawlins, RWWY Rawlins, O20A White River C, O20A White River C, O20A White River C, K22A Casper, K22A Casper, ROSB Rosario, X16A Lo Mia Camp, P, WUAZ Wupatki, WUAZ Wupatki, WUAZ Wupatki, RDMU Red Mountain, 214A Organ Pipe Nat, 214A Organ Pipe Nat, P18A Preston Nutter, P18A Preston Nutter, SIV San Ignacio, PTLB Pontes e Lacer, PTLB Pontes e Lacer, P17A Butcher Ranch, P17A Butcher Ranch

1430

Table with columns: ID, Name, Comp, Z, SNR, I, A, M, B, Value, and other columns. Rows include P17A North Rim, U15A North Rim, U15A North Rim, TMUT Trail Mountain, TMUT Trail Mountain, DGMT Dagmar, DGMT Dagmar, LAO LASA Array, LAO LASA Array, LAO LASA Array, SMTB Santa Maria do, BW06 Boulder Array, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, KNB Kanab, KNB Kanab, SZCU Shurtz Canyon, NLU North Lily Min, NLU North Lily Min, CTU Camp Tracy, CCUT Cedar City, RLMT Red Lodge, RLMT Red Lodge, RLMT Red Lodge, AHID Auburn Hatcher, LNOW Long Hollow, SHOW Snow King Moun, REDW Red Top Meadow, SALV Santo Antonio, MOOV Moose Ponds, MOOV Moose Ponds, DUG Dugway, Tooele, DUG Dugway, Tooele, YMP Mirror Lake Pi, YMP Mirror Lake Pi, ECR Eagle Creek, FLWY Flagg Ranch, FLWY Flagg Ranch, LKWW Lake, SPUT South Promonto, SPUT South Promonto, H17A Grant Village, H17A Grant Village, IRM Iron Mountain, GCMT Greycliff, BC3 Big Chuckawall, YNR Norris Junctio, BGU Big Grassy Mou, YMR Madison River, YMR Madison River, HVU Hansel Valley, SHPR Sheep Range, GMRC Granite Mounta, SPR3 Spring Creek 3, PEXB Peixe, YHL Hebgen Lake, YHL Hebgen Lake, PRN Park Antonio, QLMT Earthquake Lak, MONP2 Monument Peak, TUQ Turquoise Moun, BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W), SHOC Shoshone, Tecco, EGMT Eagleton, EGMT Eagleton, EGMT Eagleton, R11A Troy Canyon, C, R11A Troy Canyon, C, TPNV Topopah Spring, TPNV Topopah Spring, ARAG Araguana, MT, GSC Goldstone, Bar, MURC Murrieta, GWY Greenwater Val, MCMT McKenzie Canyo, PP1B Ponte de Pedra, DLMT Dillon, QSM Queen of Sheba, ELK Elko, LRM Limekiln Ridge, HRY Holter Resear, FURC Furca Creek, BFSC Mount Baldy Ra, HLID Halley, HLID Halley, MPMC Manual Prospec, LRMC Laurel Mtn Rad, GRAC Grapevine Rang, EDW2 Edwards Air Fo, TPH Toponah, CIS Catalina Islan, LCH Last Change Ra, SDBA SAO DESIDERIO, ISA Isabella, Lake, MFID Camas Ranch, MFID Camas Ranch, N11V Nivis, KVN Kaiserville, KVN Kaiserville, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea

31d 3h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KYMI, ATLAN, ANX, BODT, CHOS, etc.

2015 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KALN, BRJN, RYR, CRES, etc.

1432

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EKA, GEYT, TORO, AKTO, ARU, etc.

31d 5h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like GERES, SONM, TORD, YKSA, WRA, ASAR.

TAP 31 03:58:14.6, 23°9'N, 122°40'E, h19km, ML3.1, D
JMA 31 03:58:14.2, 0.1, 23°9'N, 122°39'E, h15km, 3km, M2.6
ISC 31 03:58:12.6, 1.0, 23°9'N, 122°42'E, 0.02, h12km, 9km,

Main table listing station data with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like JYNG, EHP, YOJ, YOY, HWA, EWUT, ETL, TEYL, TWD, ENA, NACB, TWC, ETM, TEGC, ETHL, NDS, ESL, EGFH, LATG, ILA, TWE, ENT, NTC, HGSD, NDT, NDS, NNSB, NNS, WHF, FUSB, FUSB, EHY, EHY, TIPB, OWD, CHGB, NNLW.

2015 DEC

Main table listing station data with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like NWLT, TWT, YHNB, YULB, TDCB, EYUL, WUSB, NSK, WVDI, SX11, NWF, IRIF, TWA, HATJ, NHDH, FULB, CHKT, SSLL, WHP, WCS, SMLT, YMO1, EDH, EDH, TWS1, LIOB, NSTT, ANP, ANP, ANP, JKRS, INTST, TWY, NCU, NCU, ELDTW, ALS, WJS, LDUT, WNT, WNT, LONT, LONT, TCU, JJI, CHNS, PCYT, WCHH, TPUB, TPUB, WTP, WTP, JISG, CHN2, CHN2, SLGT, SLGT.

1434

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CHN1, CHN1, SGST, SGST, TWK, TWK, TWK.

NEIC 31 04:35:43.7, 1.4, 23°85'S, 0°05:68'96W, 0.08, h96km, 9km, mb=2.5, ML3.6(GUC), Error ellipse: s-maj=1.4km

GUC 31 04:35:44.3, 0.8, 23°82'S, 69°00'W, h99km, 6km, ML3.8
VAO 31 04:35:45.7, 1.3, 23°73'S, 68°80'W, h100km, mb4.2
IDC 31 04:35:45.1, 1.1, 23°78'S, 68°78'W, h94km, 7km, mb3.6/5, mb1 3.7x, mb1mx3.5/32, mbtmp3.9/6, MS2.6/1, Ms1 2.6/1, ms1mx2.3/17, Error ellipse: s-maj=27.7km s-min=13.8km az=76.0

ISC 31 04:35:43.9, 0.6, 23°83'S, 0°04:68'94W, 0.06, h91km, 6km, n75, e193/89, mb4.0, 6C-3D, Northern Chile

Main table listing station data with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like PB15, LVC, LVC, LVC, LVC, PB06, PB06, PB06, PB10, PB10, PB14, PB14, PB04, PB04, PB04, PB04, PB09, PB09, PB09, PB09, PB07, PB07, PB07, PB01, PB01, PB01, PB01, PTLB, PTLB, AQDB, WILB, VILB, NNA, ETMB, SALV, PDRB, ITRB, CLDB, ARAG, BB19B, RCLB, VAO, IPMB, BDFB, BDFB, MACA, MACA, MACA, PTGA, JANB, SMTB, PRPB, SDBA, RCLB, BOAV, SNA, SNA, GSPA, GSPA, NVAR, TORD, YKA, YKA, ASAR, ASAR, ASAR, WRA, MKAR.

JMA 31 05:10:41.8, 0.3, 37°37'N, 135°24'E, h384km, 4km, M3.3
IDC 31 05:10:42.5, 1.1, 37°42'N, 135°25'E, h381km, 15km, mb3.0/5, mb1 3.3/9, mb1mx2.8/36, mbtmp3.9/9, Error ellipse: s-maj=23.6km s-min=17.2km az=62.0

31d 8h

Table with columns: PEL, comp=N, 167nm, 0.6s, IAML, 06 28 35.4, etc. Lists various stations and their parameters.

IDC 31 06:31:00.3:2.15:04N:93.84W, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.7/42, mbtmt3.8/8, ML3.5/1, MS2.9/3, Ms1 2.9/3, ms1mx2.8/32, Error ellipse: s-maj=78.5km s-min=40.7km az=38.0

MEX 31 06:31:01.8:1.1, 14.68N:94.37W, h16km, 15km, MD4.2, ISC 31 06:30:58.6:3.9, 14.74N:0.09:94.29W:0.05, h3km, 24km, n17, c200/22, mb4.0/7, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like PCIG, PATR, HUIG, PAVE, etc.

CNRM 31 06:52:05.1, 35.49N:5.01W, h81km, ml2.9, MDD 31 06:52:08.2:1.0, 35.63N:4.90W, h60km, 9km, mb3.6/12, Error ellipse: s-maj=9.2km s-min=5.5km az=13.0, PRXIMO SFS 31 06:52:08.0, 36.53N:4.88W, h67km, ML3.2, ALBORAN W.

INMG 31 06:52:09.6:1.6, 35.71N:5.03W, h60km, 8km, ML2.3, Error ellipse: s-maj=6.1km s-min=4.0km az=171.0, ISC 31 06:52:05.4:1.2, 35.57N:0.03:4.94W:0.03, h75km, 7km, n63, c1963/111, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like CEU, CHEFC, PALE, EMIJ, etc.

2015 DEC

Table with columns: PVAQ, Vaqueiros, 2.90 310, eP, Pn, 06 52 50.3 +1.1, etc. Lists stations like PVAQ, PBDV, PBAR, etc.

GUC 31 07:03:22.0:2.0, 5.24:13S:67.54W, h25km, 7km, ML3.6, IDC 31 07:03:23.4:2.0, 23.91S:67.03W, h179km, 21km, mb3.0/2, mb1 3.2/6, mb1mx3.1/27, mbtmt3.5/6, Error ellipse: s-maj=32.4km s-min=24.4km az=153.0, ISC 31 07:03:20.2:1.2, 24.31S:0.07:67.2W:0.1, h180km, 14km, n20, c1928/32, 7C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like LVC, LVC, PB15, etc.

1436

Table with columns: LPAZ, La Paz, 8.03 354, P, Pn, 07 05 14.8 +0.3, etc. Lists stations like LPAZ, SIV, PLCA, etc.

IDC 31 07:31:25.4:4.4, 30.16S:179.28W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.4/26, mbtmt3.8/3, Error ellipse: s-maj=175.2km s-min=68.3km az=160.0, Kermadec Islands region

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

SKHL 31 08:17:06.0:2.0, 42.80N:146.20E, h51km, 3km, mb5.3/4, Off southeast coast of Hokkaido

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like NMR, GRPR, YUK, etc.

MDD 31 08:29:44.8:0.9, 36.40N:4.50W, h70km, 6km, mb2.7/9, Error ellipse: s-maj=8.4km s-min=4.9km az=157.0, PRXIMO SFS 31 08:29:45.0, 36.41N:4.46W, h66km, ML2.8, ALBORAN W.

CNRM 31 08:29:45.1, 36.31N:4.74W, h53km, INMG 31 08:29:46.4:1.5, 36.54N:4.63W, h85km, 4km, ML2.0, Error ellipse: s-maj=7.1km s-min=3.6km az=156.0, ISC 31 08:29:43.2:1.2, 36.43N:0.03:4.50W:0.03, h80km, 7km, n33, c1933/61, 2C, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like EMIJ, EMAL, EGOR, etc.

31d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZEA Zeya, YAK Yakutsk, and various other regional stations.

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sachs Harbour, Dease Lake, and various other regional stations.

1438

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, F33A, WRA, and various other regional stations.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes station information for MOS 31 10:08 and TIF 31 10:08.

31d 10h

Table with columns: Call Sign, Location, Time, Power, Status, and other parameters. Includes stations like TBGT, Y52A, Z41A, etc.

2015 DEC

Table with columns: Call Sign, Location, Time, Power, Status, and other parameters. Includes stations like TZTN, TOSP, U54A, etc.

1440

Table with columns: Call Sign, Location, Time, Power, Status, and other parameters. Includes stations like BBSR, BBSR BB Station, ETMB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like IMAR, CHGN, TTA, GCSA, SDPT, A21K, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KHC, KEST, GERES, MYKA, MOA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like H11S1, H11S2, H11S3, ISP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MSVF Nonsavu, ASAR Alice Springs, ASAR Waramunga Arr, etc.

INET 31 11:23:04.3, 11:17N.86.65W, h10km, MW3.6, Near coast of Nicaragua

THR 31 11:27:36.0, 0.8, 26.58N, 56.92E, h16km, ML3.5
OMAN 31 11:27:37.2, 0.2, 26.83N, 57.20E, h36km, 26km, m3.4/19,
Error ellipse: s-maj=3.1km s-min=1.8km az=346.0
TEH 31 11:27:37.0, 26.65N, 56.87E, h19km, ML3.7
DSN 31 11:27:38.1, 8.26, 55N, 56.98E, h10km, ML3.2/9, Error
ellipse: s-maj=25.7km s-min=7.2km az=158.0

ISC 31 11:27:37.6, 1.4, 26.65N, 0.02, 56.93E, 0.03, h15km, 11km, n75, +192796, Southern Iran

Main table for 1445 containing station data for various stations like IBND Bandar-abas, BANOM Banah, SHME Shamm, etc.

Table for 2015 DEC containing station data for stations like GHIR Ghir-Karzin, GHIR GHIR, GHIR Ghir-Karzin, etc.

VIE 31 11:35:11.6, 0.7, 51.39N, 16.03E, h0km, mb2.5/3, ml2.5/4, Error ellipse: s-maj=4.6km s-min=4.2km az=72.0 76 km WNW of Wroclaw Suspected Mining induced.

PRU 31 11:35:11.2, 0.0, 51.48N, 16.11E, h0km, ISC 31 11:35:10.3, 1.3, 51.50N, 0.06, 16.12E, 0.03, h0km, m20, +080/43, Poland

Main table for 2015 DEC containing station data for stations like KSP Ksiaz, CHVC Chvalec, OSTO Ostas, etc.

IDC 31 11:35:24.1, 7.5, 36.40N, 99.13W, h0km, mb3.3/2, mb1.3/7.4, mb1mx3.5/3, mbtmp3.4/4, ML3.2/2, Error ellipse: s-maj=103.5km s-min=37.0km az=165.0

TUL 31 11:35:26.4, 1.1, 36.61N, 0.04, 96.81W, 0.04, h6km, 7km, ML3.2, mb_Lg3.2/81(NEIC), Error ellipse: s-maj=6.0km s-min=4.5km az=163.0

ANF 31 11:35:27.5, 0.2, 36.58N, 98.80W, h10km, ML4.2/18, Error ellipse: s-maj=2.9km s-min=2.2km az=96.0

NEIC 31 11:35:27.2, 1.2, 36.60N, 0.04, 96.76W, 0.04, h8km, 7km, Error ellipse: s-maj=6.3km s-min=4.6km az=154.0

ISC 31 11:35:26.5, 0.8, 36.60N, 0.02, 98.77W, 0.03, h11km, 6km, n109, +0599/97, Oklahoma

Main table for 2015 DEC containing station data for stations like OK035 E0210 Rd and N, US2A Winter Ranch, US2A Winter Ranch, etc.

Main table for 2015 DEC containing station data for stations like R32A Long Quarter, R32A Long Quarter, R32A Long Quarter, etc.

Table for 31d 11h containing station data for stations like R32A Long Quarter, R32A Long Quarter, R32A Long Quarter, etc.

31d 14h

Table with columns: YKA, ILAR, Yellowknife Ar, Eielson Array, comp, 27.72 344 P, 39.95 330 P, 11 41 15.1 +0.6, 11 42 59.7 -0.7

IDC 31 12:00:15.3:0.9, 15:15S:173:66W, h0km, mb4, 1/9, mb1 4.4/9, mb1mx4.0/32, mbtmp4, 1/9, Error ellipse: s-maj=47.9km s-min=19.8km az=141.0, NEIC 31 12:00:20.2:8, 15:17S:0:09:173:4W, 0.1, h25km, 5km, mb4.6/16, Error ellipse: s-maj=19.0km s-min=11.2km az=116.0

ISC 31 12:00:19.6:0.6, 15:11S:0:09:173:4W, 0.1, h30km, n42, 1973/30, mb4.4/18, Tonga Islands

Main table for 31d 14h section, listing station names, coordinates, and various parameters like Time, Res, h, m, s, ISC.

NOU 31 12:03:44.8, 17:06S:167:52E, h26km, MLV4.7/16, Vanuatu Islands, Vanuatu Islands

Table for NOU 31 12:03:44.8, listing station names and parameters.

2015 DEC

Table with columns: QUEEN, PINNAC, Ouen Island, Pines Island, 5.37 187 P, 5.53 181 P, 12 05 03.6 +0.3, 12 05 05.9 +0.5

IDC 31 12:16:53.5:7.2, 5:81S:148:76E, h76km, 59km, mb3.4/2, mb1 3.5/4, mb1mx3.2/30, mbtmp3.7/4, ML3.6/1, Error ellipse: s-maj=87.1km s-min=48.8km az=119.0, ISC 31 12:16:52.5:3.1, 5:55S:0:2:148:3E, 0.6, h50km, n5, 1/9, 1/38/6, New Britain region

Table for IDC 31 12:16:52.5, listing station names and parameters.

TEH 31 12:42:09.8, 29:26'N, 151:29'E, h6km, ML3.6, THR 31 12:42:11.0, 0.0, 29:24'N, 151:20'E, h15km, ML3.0, KISR 31 12:42:12.5, 0.0, 29:18'N, 149:98'E, h297km, 59km, ML3.8, ISC 31 12:42:12.7, 0.0, 29:30'N, 150:05:51:32E, 0.05, h10km, n39, 1/109/43, Southern Iran

Main table for 2015 DEC section, listing station names, coordinates, and various parameters like Time, Res, h, m, s, ISC.

IDC 31 13:03:17.6:6.5, 23:65N:123:49E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.4/39, mbtmp3.7/5, Error ellipse: s-maj=177.2km s-min=55.3km az=14.0, JMA 31 13:03:24.7, 0.1, 23:36N:123:59E, h31km, 1km, M3.6, JMA Felt 1 J1, NIED 31 13:03:24.8, 23:36N:123:59E, h31km, MW3.9, Moment Tensor Solution, s2, Moment tensor: Scale 10^14Nm, Mn:2.83, Mb:-3.73, Mw:0.90, Ms:3.70, Mo:2.20, Mo:4.00, Fault plane solution: M:6.87000x10^14 NPI:43.00000, 876.00000, 1.70.00000, NP2:8200.00000, 825.00000, 7.144.00000

Table for IDC 31 13:03:24.4, listing station names and parameters.

IDC 31 13:05:35.4:2.0, 7:64S:128:61E, h144km, 22km, mb3.3/3, mb1 3.5/8, mb1mx3.2/33, mbtmp3.9/8, Error ellipse: s-maj=24.2km s-min=19.8km az=116.0, ISC 31 13:05:35.2, 0.9, 7:79S:0:07:128:71E, 0.10, h150km, n8, 2/45/11, mb3.5/3, Banda Sea

Table for IDC 31 13:05:35.2, listing station names and parameters.

1446

Table with columns: FITZ, WRA, ASAR, SONM, MKAR, ZALV, Warramunga Arr, Alice Springs, Songino Array, Makanchi Array, Zanevo Beam, 13.26 156 P, 16.56 163 P, 58.79 343 P, 59.18 328 P, 71.73 334 P, 13 09 58.3 -4.0, 13 08 39.9 +1.8, 13 11 02.0 -2.6, 13 09 23.0 +4.2, 13 15 17.9 +0.1, 13 16 19.4 0.0, 13 16 40.1 -0.7

EAJ 31 13:52:31.7, 2.0, 26:20S:27:95E, h0km, 38km, MD5.2, BUL 31 13:52:31.7, 2.0, 26:20S:27:95E, h0km, 38km, MD6.1, South Africa

Table for EAJ 31 13:52:31.7, listing station names and parameters.

NOU 31 14:16:02.4, 16:33S:167:53E, h33km, MLV4.6/16, Vanuatu Islands, Vanuatu Islands

Table for NOU 31 14:16:02.4, listing station names and parameters.

IDC 31 14:31:58.1, 2.0, 1:26N:126:05E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.0/39, mbtmp3.4/3, Error ellipse: s-maj=184.8km s-min=25.3km az=65.0, DJA 31 14:32:03.0, 0.8, 1:N5.5x12:6E, h10km, 8km, M3.6/8, MLV3.6/8

ISC 31 14:32:05.4:1.0, 1:27N:107:126:18E, 0.04, h54km, n12, 1/102/15, mb3.5/3, Northern Molucca Sea

Table for ISC 31 14:32:05.4, listing station names and parameters.

IDC 31 14:40:42.7, 1.0, 21:40S:68:21W, h130km, 15km, mb3.4/2, mb1 3.4/5, mb1mx3.2/25, mbtmp3.8/5, Error ellipse: s-maj=33.3km s-min=19.1km az=120.0, GUC 31 14:40:43.1, 0.5, 21:32S:68:45W, h132km, 4km, ML3.5, ISC 31 14:40:42.1, 0.9, 21:28S:0:05:68:38W, 0.08, h128km, 9km, n18, 1/156/32, 4C, Chile-Bolivia border region

Table for IDC 31 14:40:42.7, listing station names and parameters.

IDC 31 14:40:42.7, 1.0, 21:40S:68:21W, h130km, 15km, mb3.4/2, mb1 3.4/5, mb1mx3.2/25, mbtmp3.8/5, Error ellipse: s-maj=33.3km s-min=19.1km az=120.0, GUC 31 14:40:43.1, 0.5, 21:32S:68:45W, h132km, 4km, ML3.5, ISC 31 14:40:42.1, 0.9, 21:28S:0:05:68:38W, 0.08, h128km, 9km, n18, 1/156/32, 4C, Chile-Bolivia border region

Main table for 1446 section, listing station names, coordinates, and various parameters like Time, Res, h, m, s, ISC.

IDC 31 14:50:08.2:1.2, 11:56N:121:34E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/62, mbtmp3.7/6, MS3.0/2, Ms1 3.0/2, ms1mx2.7/33, Error ellipse: s-maj=59.1km s-min=18.9km az=60.0, MAN 31 14:50:11.3, 1:11:59N:121:21E, h26km, mb4.9, ML3.8, MS3.8, ISC 31 14:50:10.2, 0.8, 1:167N:0:05:121:25E, 0.06, h10km, n18, 1/10/10, mb3.5/3, Banda Sea

Table for IDC 31 14:50:08.2, listing station names and parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CUYO Cuyo Island, JAP San Jose, RCP Roxas, ENPP El Niudo, PGP Puerto Galera, BOAC Boac, LUBP Lubang, MACP Maragondon, Ca, SNPH Sibulan, etc.

IDC 31 15:20:49.2.1.0,34S:127.50E,h0km,mb3.1/3, mb1 3.4/3,mb1mx3.2/27,mbtmp3.2/3,MS2.8/2,MS1 2.8/2, s-min=26.7km az=66.0, Error ellipse: s-maj=156.6km

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

IDC 31 15:27:09.8.2.4,392N:127.27E,h0km,mb3.1/3, mb1 3.3/3,mb1mx3.1/32,mbtmp3.1/3, Error ellipse: s-maj=172.1km s-min=29.4km az=66.0, Talaud Islands

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

IDC 31 15:47:33.0.1.4,35109N:134.19E,h0km,mb3.2/2, mb1 3.3/3,mb1mx3.1/43,mbtmp3.1/5,ML2.8/3,MS2.9/2, MS1 2.9/2, s-min=13.7km az=155.0, NIED 31 15:47:34.6,35.11N:134.24E,h15km,MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn=0.54; Mse3.16; Mse2.62; Mse1.05; Mse2.83; Mse0.75; Fault plane solution: Mo4.210000x10^14 NP1: 202.000000, 84.000000, 166.000000; NP2: 294.000000, 87.000000, 16.000000; DMB 31 15:47:34.5,35.11N:134.24E,h15km,M4.0 Broadband tail plane solution: P waves. NP1: 290.000000, 87.000000, -1.000000; NP2: 24.000000, 881.000000, -1.15000000; Principal axes: T P1g10.000000; Azm155.000000; N P1g65.000000; Azm43.000000; P P1g23.000000; Azm249.000000;

JMA Felt III JJA IDC 31 15:47:34.31.0,3512N:0.04:134.22E:0.03,h12km,7km, n15,1515/23,3C-5D, Western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JAD Aida, JKS Kasai, JKSM Kasumi, JJS Sakaida, JAWN Awajishima-nag, JKY Yasaka, JKS Saijyo, JWS Wachi, JNU Nakatsue, etc.

UUSS 31 16:06:17.9.1.9,37.93N:0.02:112.51W:0.03,h5km,6km, ML2.6/10,ML2.5/6(REN),ML2.6/9(NIC), Error ellipse: s-maj=1.1km s-min=2.1km az=119.0, REN 31 16:06:17.9.1.6,37.89N:0.02:112.49W:0.03,h8km,2km, Error ellipse: s-maj=4.1km s-min=2.3km az=112.0, NEIC 31 16:06:18.0-1.5,37.90N:0.01:112.52W:0.04,h10km,5km, Error ellipse: s-maj=4.7km s-min=1.7km az=103.0, Utah

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MTPU Mount Pierson, MTPU comp=N,1um,0.4s, MTPU comp=E,948nm,0.6s, MTPU Mount Pierson, BHU Blowing Rock, DWU Dry Willow Pea, PKCU Pink Cliffs, etc.

Table with columns: TCRU, IAML, Time, Res, ISC. Includes stations like ZNUP Zion National, ARUT Antelope Range, CCUT Cedar City, EKU East Kanab, IMU Iron Mountain, KNB Kanab, LCMT Little Creek M, etc.

IDC 31 16:08:40.9.6.8,27.20N:143.70E,h0km,mb3.5/3, mb1 3.7/4,mb1mx3.2/29,mbtmp3.5/4,ML2.4/1, Error ellipse: s-maj=276.7km s-min=26.2km az=75.0, Bonin Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EALB Alboran, EALB 1um,0.5s,SNR=18, EMEL Melilla, EMEL 90nm,0.2s,SNR=7.9, GOG Mont Gurugu, GOG 629nm,0.1s,SNR=12, etc.

31d 17h

THE 31 16:09:43.6, 38.31N-20.41E, h12km, ML2.6/4, Error ellipse: s-maj=0.9km s-min=0.2km az=243.0

ATH 31 16:09:43.5, 38.31N-20.41E, h14km, ML2.5/2, Error ellipse: s-maj=2.2km s-min=0.7km az=266.0

ISC 31 16:09:41.5-0.9, 38.29N-0.003-0.20, h23km, 5km, n32, c=117/59, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Livadi, Keph, Damouliana, etc.

SOME 31 16:22:25.6, 43.13N-87.40E, h10km, IDC 31 16:22:27.6, 1.4, 42.15N:87.26E, h0km, mb3.9/4, mb1 3.9/8, mb1mx3.3/61, mbtmp3.7/8, ML3.2/4, Error ellipse: s-maj=36.7km s-min=19.2km az=54.0

NEIC 31 16:22:30.1, 1.8, 42.19N:0.07-87.3E:0.1, h25km, 7km, mb4.1/4, Error ellipse: s-maj=15.4km s-min=4.2km az=126.0

NNC 31 16:22:34.7, 1.5, 42.40N:86.80E, h0km, mb4.3, mpv4.1, Error ellipse: s-maj=11.9km s-min=8.8km az=139.0

ISC 31 16:22:27.0, 6.42, 02.00N:0.06-86.91E, 0.03, h10km, n63, c238/62, mb4.0/6, 9C-7D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Urumqi, Zaisan, ZSN, SHLS, etc.

2015 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BLD, BLB, TARG, ARXS, etc.

NEIC 31 16:31:32.3, 1.4, 37.13N:0.03-97.65W:0.04, h0km, 6km, Error ellipse: s-maj=6.1km s-min=2.6km az=220.0

NEIC 31 16:31:32.1, 1.2, 37.13N:0.03-97.66W:0.03, h6.7km, mb 1.62/8/34, ML2.7/23, Error ellipse: s-maj=5.4km s-min=2.5km az=217.0, Kansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KAN01, KAN02, etc.

1448

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KAN10, BLOK, etc.

IDC 31 16:54:13.8, 1.6, 2.87S:139.48E, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.3/21, mbtmp3.5/3, ML3.6/1, Error ellipse: s-maj=33.7km s-min=15.1km az=155.0, Near north coast of Irian Jaya

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

IDC 31 17:05:37.2, 1.9, 0.41N:125.18E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/32, mbtmp3.4/3, Error ellipse: s-maj=178.0km s-min=26.6km az=64.0, Northern Molucca Sea

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

NORS 31 17:13:24.3, 0.41, 29N:44.43E, h2km, MPVA3.8 TIF 31 17:13:24.1, 4.1, 16N:44.40E, h12km, 1km

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

Table with columns: Code, Station Name, Delta A-Z, Phase ID, ISC, Time (h m s), Res (ISC). Rows include GUDG Gudauri, DDFL Defoliastskaro, ABS Abastumani, PMSH Pansheti, LGD Lagodekhi, etc.

NEIC 31 17:25:39.5±1.7, 18.8N±0.1, 69.03W±0.05, h152km, 1.9km, Error ellipse: s-maj=16.0km s-min=7.3km az=180.0

Main table for NEIC 31, listing station codes (e.g., PCDD, IDE, SC01), station names (e.g., Punta Cana, DR, Isla Desceheo), and seismic data.

Main table for 2015 DEC, listing station codes (e.g., ARK, OHH, AML, ARLS), station names (e.g., Arkit, Ost, Almayashu), and seismic data.

Main table for 31d 17h, listing station codes (e.g., BRLS, DGS, DMS, DGR), station names (e.g., 76nm,0.5s, Degeres), and seismic data.

MOS 31 17:50:55.5±0.0, 43.07N±44.07E, h1km, MPVA4.1, NOR31 17:50:55.5±0.0, 43.05N±44.11E, h11km, MPVA4.1, FELT

DRS 31 17:50:57.3±0.0, 42.96N±44.12E, h16km, ISC 31 17:50:57.6±0.0, 43.11N±44.12E±0.01, h11km±5km, n16, c129/218, 8C-1D, Western Caucasus

Table for DRS 31, listing station codes (e.g., KORR, ARNR, ARNR), station names (e.g., Kora, Ardon), and seismic data.

ISU 31 17:38:54.41±34N, 73.07E, h20km, KRNET 31 17:38:54.5±0.1, 41.40N±72.87E, h18km, mb3.1

ISU 31 17:38:54.2±1.0, 41.49N±72.82E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=10.0km s-min=3.3km az=174.0

31d 18h

Table with columns for station name, code, time, and various parameters. Includes stations like Priterechnaya, Gudauri, Terskaya, Khabaz, and many others.

2015 DEC

Table with columns for station name, code, time, and various parameters. Includes stations like Buynaksk, Gunib, Dedoflistskaro, Kumuikh, and many others.

1450

Table with columns for station name, code, time, and various parameters. Includes stations like Willy Bob, Saint Kitts, Saint Lucia, B, and many others.

baz=234

RSNC 31 18:23:34.4+1.0, 6:80N-73:14W, h147km, 4km, ML3.1, Mw3.6, Fault plane solution: N P1:0.28,00000, 0.54,00000, 1.78,00000

IDC 31 18:23:36.6+6.2, 6:79N-73:65W, h180km, 31km, mb3.1/1, mb1 3.4/2, mb1mx2.9/22, mbtmp3.6/2, Error ellipse: s-maj=235.0km s-min=39.6km az=94.0

ISC 31 18:23:32.2+1.0, 6:84N-103:73:12W, 0.03, h163km, 6km, n31, c180/61, 6C, Northern Colombia

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their associated data.

MAN 31 18:24:09.6, 10:49N-122:32E, h33km, mb3.6, ML2.3, MS1.8, 2C-4D, Pansy

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for MAN 31.

IDC 31 18:25:05.3+1.7, 8:73S-124:02E, h0km, mb3.4/1, mb1 3.5/4, mb1mx3.1/26, mbtmp3.4/4, ML3.4/3, Error ellipse: s-maj=120.1km s-min=26.7km az=64.0, Timor region

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for IDC 31.

ASAR Alice Springs 17.61 149 P 18 29 13.1 -0.3 0.1mm, 0.3s, baz=319, slow=12, SNR=5.9

MKAR Makanchi Array 66.59 330 P 18 35 57.5 0.0 0.2mm, 0.4s, baz=135, slow=6.9, SNR=6.2

RSNC 31 18:37:57.6+1.0, 6:82N-73:18W, h148km, 4km, ML3.1, Mw3.6, Fault plane solution: N P1:0.00000, 0.83,00000, 1.82,00000

IDC 31 18:37:57.9+6.5, 6:78N-73:20W, h169km, 41km, mb3.0/1, mb1 3.3/2, mb1mx2.9/22, mbtmp3.5/2, Error ellipse: s-maj=172.1km s-min=45.5km az=98.0

ISC 31 18:37:55.8+1.0, 6:82N-103:73:15W, 0.04, h160km, 6km, n30, c1949/58, 1C-5D, Northern Colombia

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their associated data.

MOS 31 18:53:17.7+1.4, 39:69N-142:17E, h56km, mb4.3/5, Error ellipse: s-maj=11.2km s-min=6.5km az=72.1

NIED 31 18:53:18.6, 39:63N-142:11E, h48km, MW3.9, Moment Tensor Solution, s3 Moment tensor, Scale: 10^14Nm

M6.26, Mw=6.22, Mw=6.48, Mw=6.38, Mw=6.18, Mw=7.7, Fault plane solution: Mb:8.40000, 10.14, NP1:0.28,00000, 0.66,00000, 1.03,00000

JMA 31 18:53:18.5, 39:63N-142:11E, h48km, 1km, M3.9, JMA Felt II J1

NEIC 31 18:53:18.5, 1.5, 39:65N-142:04E, 0.07, h47km, 7km, mb4.3/20, Error ellipse: s-maj=11.1km s-min=3.0km az=136.0

IDC 31 18:53:23.2+2.4, 39:58N-141:96E, h92km, 22km, mb3.6/16, mb1 3.7/20, mb1mx3.7/35, mbtmp3.9/20, MS2.7/3, Ms1 2.7/3, ms1mx2.6/38, Error ellipse: s-maj=19.1km s-min=14.3km az=105.0

ISC 31 18:53:18.3+0.8, 6:98N-104:142:21E, 0.05, h51km, 7km, n101, c1846/108, mb4.1/33, 2C-10D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for MOS, NIED, JMA, NEIC, and IDC 31.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their associated data.

31d 19h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TDK, KPKS, KPKS, L19K, etc.

2015 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BRVK, AS31, ASAR, BMAR, etc.

1454

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like VSR, DOWA, HABA, etc.

Table with columns: TP, Tonopah, Time, Az, El, P, M, Max, Min, etc. Includes stations like TP, Tonopah, Earthquake Lak, etc.

Table with columns: DRGR, LANS, LANS, etc. Includes stations like DRGR, LANS, Liptovska Anna, etc.

Table with columns: HRAO, PRYS, SLR, etc. Includes stations like HRAO, PRYS, SLR, etc.

BURY	ROCHETTA TANA	1.24	85	S	Sg	20 42 38.7	+0.4
ROTM	ROCHETTA TANA	1.24	85	P	Pg	20 42 23.3	-0.7
ROTM	ROCHETTA TANA	1.24	85	P	Pg	20 42 40.0	0.0
IMI	Imperia	1.24	132	S	Sg	20 42 22.6	-1.5
IMI	Imperia	1.24	132	P	Pg	20 42 39.4	-0.9
ELIF	Villa Ellenroc	1.26	163	S	Sg	20 42 41.1	+0.6
ELIF	Villa Ellenroc	1.26	163	P	Pb	20 42 25.3	+1.0
CANO	Canova, Maglio	1.28	115	S	Sg	20 42 23.2	-1.3
CANO	Canova, Maglio	1.28	115	P	Pb	20 42 39.6	-1.8
ARTF	Artigues	1.31	207	S	Sg	20 42 26.7	+1.4
SAUF	chateau de Sau	1.36	234	S	Sg	20 42 27.9	+1.5
PCP	Piancastagn	1.39	98	S	Sb	20 42 41.1	-1.1
VIVF	Saint-Julien-I	1.39	275	S	Sg	20 42 28.4	+1.4
VIVF	Saint-Julien-I	1.39	275	P	Pg	20 42 47.3	+2.3
LMR	La Moure	1.42	183	S	Pb	20 42 27.5	+1.1
LMR	La Moure	1.42	183	P	Pb	20 42 28.2	+1.2
LMR	La Moure	1.42	183	S	Sb	20 42 46.6	+1.3
SATI	Passo del Sala	1.43	38	P	Pn	20 42 26.1	-0.7
OC35	Corcelles	1.49	331	P	Pn	20 42 29.7	+0.9
EMBD	Embd, Mattered	1.69	30	P	Pn	20 42 31.6	+1.3
GIMEL	St. Georges /	1.80	352	P	Pb	20 42 34.0	+0.5
CABF	La Chapelle	1.89	349	S	Pb	20 42 32.7	-0.3
CABF	La Chapelle	1.89	349	S	Pb	20 42 35.0	-0.2
CABF	La Chapelle	1.89	349	S	Pg	20 42 36.7	+0.1
CABF	La Chapelle	1.89	349	S	Sb	20 42 55.8	-1.3
CABF	La Chapelle	1.89	349	S	Sg	20 43 01.1	-0.1
TRBF	Trabus cave	2.02	252	Pn	Pn	20 42 36.3	+1.8
TORNY	Torny/Romont	2.03	7	Pn	Pb	20 42 37.4	-0.1
LASF	Ste Croix	2.09	252	S	Pg	20 42 37.5	+1.8
LASF	Ste Croix	2.09	252	S	Pg	20 42 41.2	+0.8
LASF	Ste Croix	2.09	252	S	Sg	20 43 01.6	-0.3
LASF	Ste Croix	2.09	252	S	Sg	20 43 08.8	+1.3
BRANT	Les Verrieres	2.19	357	Pn	Pn	20 42 39.2	+2.1
LBL	Lubilhac	2.24	282	Pn	Pn	20 42 42.8	+2.3
CHMF	Charmoille	2.49	0	Pn	Pn	20 42 43.0	+1.5
BOURR	Bourgnion	2.67	9	Pn	Pn	20 42 45.1	+1.7
BALST	Balsthal	2.69	16	Pn	Pn	20 42 45.7	+1.9
BALST	Balsthal	2.69	16	Pn	Pn	20 42 45.8	+1.9
BALST	Balsthal	2.69	16	Pn	Pn	20 42 52.0	+0.2
BALST	Balsthal	2.69	16	Pn	Pn	20 42 56.9	+0.3
SMF	Signal de Mont	2.71	315	S	Sg	20 42 46.4	+2.2
SMF	Signal de Mont	2.71	315	S	Sg	20 42 57.4	+0.4
SMF	Signal de Mont	2.71	315	S	Sg	20 43 16.2	-1.0
SMF	Signal de Mont	2.71	315	S	Sg	20 43 27.8	+0.3
PYM	Petit Puy Mans	2.74	293	Pn	Pn	20 42 46.5	+1.9
AGO	Saint Agoulin	2.78	299	Pn	Pn	20 42 47.1	+2.0
PGF	Pioggiola	2.80	141	S	Pn	20 42 44.5	-1.0
PGF	Pioggiola	2.80	141	S	Pn	20 42 46.9	+1.4
PGF	Pioggiola	2.80	141	S	Sn	20 43 16.5	-3.0
SULZ	Cheischacher	2.96	20	Pn	Pn	20 42 49.0	+1.4
SULZ	Cheischacher	2.96	20	Pn	Pg	20 42 48.9	+1.4
SULZ	Cheischacher	2.96	20	Pn	Pg	20 42 57.3	+0.3
SULZ	Cheischacher	2.96	20	Pn	Sg	20 43 24.5	+1.2
SULZ	Cheischacher	2.96	20	Pn	Sg	20 43 37.1	+1.9
PLONS	Plons/SG	3.00	39	Pn	Pb	20 42 49.6	+1.4
PLONS	Plons/SG	3.00	39	Pn	Pb	20 42 56.1	+2.2
PLONS	Plons/SG	3.00	39	Pn	Sg	20 43 27.2	+2.9
PLONS	Plons/SG	3.00	39	Pn	Sg	20 43 36.6	+0.1
DAVOX	Davos/Dischmat	3.05	47	Pn	Sg	20 42 50.9	+2.0
DAVOX	Davos/Dischmat	3.05	47	Pn	Sg	20 43 26.3	+0.6
DAVOX	Davos/Dischmat	3.05	47	Pn	Sg	20 43 33.9	
DAVOX	Davos/Dischmat	3.05	47	Pn	Lg	20 42 51.6	+2.6
AVF	Avril sur Loir	3.06	313	S	Pg	20 42 58.7	-0.2
AVF	Avril sur Loir	3.06	313	S	Pg	20 43 24.6	-1.2
AVF	Avril sur Loir	3.06	313	S	Sg	20 43 38.9	+0.3
AVF	Avril sur Loir	3.06	313	S	Sg	20 43 38.9	+0.3
HINF	Hintertrafeld	3.07	3	S	Pb	20 42 50.3	+1.2
HINF	Hintertrafeld	3.07	3	S	Pb	20 42 57.5	+2.4
HINF	Hintertrafeld	3.07	3	S	Sg	20 43 23.7	-2.3
HINF	Hintertrafeld	3.07	3	S	Sg	20 43 37.0	-1.8
LOR	Lormes	3.17	324	S	Pn	20 42 52.8	+2.4
LOR	Lormes	3.17	324	S	Pg	20 43 00.4	-0.5
LOR	Lormes	3.17	324	S	Sg	20 43 27.0	-1.4
LOR	Lormes	3.17	324	S	Sg	20 43 41.4	-0.5
METMA	Mettma DE	3.17	20	S	Pn	20 42 52.1	+1.7
METMA	Mettma DE	3.17	20	S	Pg	20 43 00.4	-0.5
METMA	Mettma DE	3.17	20	S	Sg	20 43 28.9	+0.5
METMA	Mettma DE	3.17	20	S	Sg	20 43 42.0	0.0
SSF	Saint Saugle	3.17	318	S	Pg	20 43 00.9	-0.1
SSF	Saint Saugle	3.17	318	S	Pg	20 43 00.9	-0.1
SSF	Saint Saugle	3.17	318	S	Sg	20 43 27.0	-1.4
SSF	Saint Saugle	3.17	318	S	Sg	20 43 42.0	-0.1
BGF	Bois d'Agland	3.20	306	S	Pn	20 42 53.4	+2.5
BGF	Bois d'Agland	3.20	306	S	Pn	20 43 01.9	+0.3
BGF	Bois d'Agland	3.20	306	S	Sg	20 43 28.1	-1.2
BGF	Bois d'Agland	3.20	306	S	Sg	20 43 43.3	+0.2
CAF	Calviac	3.25	275	S	Pn	20 42 54.4	+2.9
CAF	Calviac	3.25	275	S	Sg	20 43 29.4	-1.0
CAF	Calviac	3.25	275	S	Sg	20 43 45.2	+0.7
HAU	Haudompre	3.26	357	S	Pn	20 42 53.1	+1.4
HAU	Haudompre	3.26	357	S	Pg	20 43 01.3	-1.4
HAU	Haudompre	3.26	357	S	Sg	20 43 28.3	-2.3
HAU	Haudompre	3.26	357	S	Sg	20 43 43.7	-1.2
SLE	Schleitheim	3.28	23	S	Pn	20 42 52.8	+0.9
SLE	Schleitheim	3.28	23	S	Pn	20 43 31.9	+0.4
SLE	Schleitheim	3.28	23	S	Pn	20 43 46.7	+1.2
SLE	Schleitheim	3.28	23	S	Pn	20 42 53.0	+0.7
BERGE	Lenzkirch (DE)	3.30	19	S	Pn	20 43 04.0	+0.5
BERGE	Lenzkirch (DE)	3.30	19	S	Pn	20 43 31.7	0.0
BERGE	Lenzkirch (DE)	3.30	19	S	Pn	20 43 46.2	0.0
BERGE	Lenzkirch (DE)	3.30	19	S	Pn	20 42 56.3	+2.5
DAVA	Damuels	3.40	41	S	Pn	20 43 37.7	+3.4
DAVA	Damuels	3.40	41	S	Pn	20 42 57.2	+3.5
DAVA	Damuels	3.40	41	S	Pn	20 43 37.1	+2.7
DAVA	Damuels	3.40	41	S	Pn	20 43 57.4	+2.9
TCF	Toulx Ste Croi	3.46	298	S	Pg	20 42 06.1	-0.4
TCF	Toulx Ste Croi	3.46	298	S	Pg	20 43 34.4	-1.2
TCF	Toulx Ste Croi	3.46	298	S	Sg	20 43 51.4	+0.1
TCF	Toulx Ste Croi	3.46	298	S	Sg	20 42 55.8	+1.3
WALHA	Wallhausen, DE	3.46	29	S	Pg	20 43 05.3	-1.3
WALHA	Wallhausen, DE	3.46	29	S	Pg	20 43 36.6	+0.9
WALHA	Wallhausen, DE	3.46	29	S	Sg	20 43 52.5	+1.0
WALHA	Wallhausen, DE	3.46	29	S	Sg	20 42 56.9	+2.0
MTLF	Montoliou	3.48	248	S	Pn	20 43 06.8	-0.1
MTLF	Montoliou	3.48	248	S	Pn	20 43 34.3	-1.7
MTLF	Montoliou	3.48	248	S	Sg	20 43 51.5	-0.4
ECH	Echery	3.48	6	S	Pn	20 42 56.0	+1.3
ECH	Echery	3.48	6	S	Pn	20 43 34.7	-1.4
EMING	Emmingen-Lipti	3.50	25	S	Pn	20 42 55.8	+0.9
EMING	Emmingen-Lipti	3.50	25	S	Pg	20 43 06.6	-0.7
EMING	Emmingen-Lipti	3.50	25	S	Pg	20 43 36.8	+0.3
EMING	Emmingen-Lipti	3.50	25	S	Pg	20 42 59.7	+0.2
SFTF	Sextfontaines	3.62	343	S	Pn	20 42 59.0	+2.4
SFTF	Sextfontaines	3.62	343	S	Pg	20 43 08.3	-1.3
SFTF	Sextfontaines	3.62	343	S	Sg	20 43 37.0	-2.5
SFTF	Sextfontaines	3.62	343	S	Sg	20 43 55.2	-1.3
FETA	Feichten	3.66	50	S	Pn	20 42 59.7	+2.4

FETA	Feichten	3.66	50	S	Pn	20 42 59.7	+2.4
RJF	Les Rejaudoux	3.66	280	S	Pn	20 43 01.2	+0.5
RJF	Les Rejaudoux	3.66	280	S	Pn	20 43 00.5	+3.3
RJF	Les Rejaudoux	3.66	280	S	Pn	20 43 10.4	0.0
RJF	Les Rejaudoux	3.66	280	S	Pn	20 43 39.3	-1.3
RJF	Les Rejaudoux	3.66	280	S	Pn	20 43 57.7	-0.1
CDF	Champ du Feu	3.69	7	S	Pn	20 42 58.4	+0.8
CDF	Champ du Feu	3.69	7	S	Pb	20 43 08.8	+3.1
CDF	Champ du Feu	3.69	7	S	Pg	20 43 38.1	-3.2
CDF	Champ du Feu	3.69	7	S	Sg	20 43 56.0	-2.6
HYF	Humbigny	3.74	314	S	Pn	20 43 01.5	+3.2
HYF	Humbigny	3.74	314	S	Pn	20 43 01.8	-1.8
HYF	Humbigny	3.74	314	S	Pn	20 43 59.8	-0.7
HYF	Humbigny	3.74	314	S	Pn	20 42 59.7	+0.6
HYF	Humbigny	3.74	314	S	Pn	20 43 43.1	-0.1
HYF	Humbigny	3.74	314	S	Pn	20 43 01.6	+2.5
HYF	Humbigny	3.74	314	S	Pn	20 43 44.7	+0.7
HYF	Humbigny	3.74	314	S	Pn	20 43 02.0	+2.2
HYF	Humbigny	3.74	314	S	Pn	20 43 42.4	-2.8
HYF	Humbigny	3.74	314	S	Pn	20 44 02.2	-1.7
MEZF	Maizieres J'vi	3.90	344	S	Pn	20 43 02.8	+2.3
MEZF	Maizieres J'vi	3.90	344	S	Pg	20 43 12.9	-2.1
MEZF	Maizieres J'vi	3.90	344	S	Sg	20 43 43.6	-2.8
MEZF	Maizieres J'vi	3.90	344	S	Sg	20 44 03.8	-1.7
MEZF	Maizieres J'vi	3.90	344	S	Sg	20 44 02.9	+1.4
RETA	Retutte	3.97	45	S	Pn	20 43 02.9	+1.4
RETA	Retutte	3.97	45	S	Pn	20 43 49.8	+1.6
SAVF	Savonnières en	4.00	346	S	Pn	20 43 04.5	+2.7
SAVF	Savonnières en	4.00	346	S	Pn	20 43 45.9	-2.9
SAVF	Savonnières en	4.00	346	S	Sg	20 44 06.1	-2.5
SQTA	Sanct Quirin	4.04	51	S	Pn	20 43 04.3	+1.8
SQTA	Sanct Quirin	4.04	51	S	Pn	20 43 51.2	+1.2
MOTA	Moosalm	4.05	49	S	Pn	20 43 04.2	+1.4
MOTA	Moosalm	4.05	49	S	Pn	20 43 50.7	+0.2
FFF	La Frestale	4.19	275	S	Sg	20 43 07.7	+3.3
FFF	La Frestale	4.19	275	S	Sg	20 43 51.7	-1.8
FFF	La Frestale	4.19	275	S	Sg	20 44 14.3	-0.4
WTTA	Wattenberg	4.30	53	S	Pn	20 43 07.9	+1.8
WTTA	Wattenberg	4.30	53	S	Pn	20 43 58.4	+1.8
WTTA	Wattenberg	4.30	53	S	Pn	20 43 08.4	+2.2
WATA	Walderalm	4.31	51	S	Pn	20 43 07.8	+1.6
WATA	Walderalm	4.31	51	S	Pn	20 43 58.6	+1.9
STU	Stuttgart	4.39	23	S	Sg	20 43 57.9	-0.6
STU	Stuttgart	4.39	23	S	Sg	20 44 23.8	+2.6
ABTA	Abfaltersbach	4.58	62	S	Pn	20 43	

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HIZ, BFZ, BFW, MSFK, SNZO, PLWZ, BHW, TUWZ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like baz=31, SNR=29, TOO, CMAA, CMAA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KNRA, KNRA, SRPI, FITZ, etc.

Table with columns: GRNR, GRNR, comp, Z, 24nm, 0.9s, 90.33, 333, P, P, 21 42 36.7 +1.0, etc.

Table with columns: PB11, IOPC Station P, 94.89, 116, P, P, 21 42 59.8 +2.0, etc.

Table with columns: RSSD, Black Hills, 100.14, 45, P, P, 21 43 21.9 +1.0, etc.

31d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK, BRVK Borovoye, and various regional stations.

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHVG, CHVG Ch'k'valeri, and various regional stations.

1462

Table with columns for station name, frequency, power, and other technical details. Includes stations like BSEB, BSEB baz=20,slow=4.4, and various regional stations.

Table with columns: Name, RA, Dec, Type, and other parameters. Includes entries like KHC Kasperske Hory, CKRC Cesky Krumlov, EBEN Eben Emael, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase, ISC, Time, Res, ISC. Includes entries like ESDC Sonseca Array, KEST Kesra, KEST comp=Z,6.0nm,0.8s, etc.

Table with columns: Name, RA, Dec, Type, and other parameters. Includes entries like KSH comp=Z,26nm,0.9s, KSH comp=Z,180nm,6.9s, BTB Batken, etc.

31d 22h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like HHC, ZAAO, ZALV, ZALV, ZALV, etc.

2015 DEC

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

1464

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JYNG, YONAGUNIJIMAKU, YONAGUNI JIMA, etc.

JMA 31 22:13:44.8, 36.01N: 139.92E, h141km, 1km, M2.5
JMA 31 22:13:55.8, 2.1, 35.97N: 138.94E, h0km, mb3.5/2,
mb1.3/8.2, mb1mx2.8/6.0, mbtmp3.5/2, MS3.1/2, Ms1.3/2,
ms1mx7.6/9.9, Error ellipse: s-maj=45.6km s-min=11.8km
az=55.0
ISC 31 22:13:45.1, 4.4, 36.01N: 139.92E, h141km, 8km,
M2.5, 0.841/15, Eastern Honshu

31d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GEYT, GYA0, WMQ, AB31, etc.

2015 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC, BR131, BRTR, etc.

1466

Table with columns for station name, frequency, power, and other technical details. Includes stations like NC303, KLR, NB201, etc.

ADC 31 22:22:11.0.0.5.51:60N:173:54W, h0km, mb4.7/39, mb1.4/742, mb1mx4.6/66, mbtmp4.7/42, ML4.5/3, MS3.8/13, MS1.3/9/13, ms1mx3.4/96, Error ellipse: s-maj=14.5km s-min=9.4km az=165.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like ATKA, KOPF, GSMY, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AMTX Amarillo, G4TX Amarillo, A0X4 Rib Lake, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like N58A Sunbury, P01 Presque Isle, SVE Sverdlouvs, etc.

31d 22h

Table with columns for station name, frequency, and signal strength. Includes stations like LSA Lhasa, BELG Belgomorny, OBNS Obninsk, etc.

2015 DEC

Table with columns for station name, frequency, and signal strength. Includes stations like SORM Soroca, GRA1 Grafenberg Arr, GRF0 Grafenberg, etc.

1470

Table with columns for station name, frequency, and signal strength. Includes stations like BNI Bardonecchia, DIVS Divivare, ZAGS Zajcar, etc.

ADC 31 22:23:09.1±0.7, 7.27S: 68.06E, h0km, mb3.9/11, mb1.4/0.11, mb1mx3.6/60, mbtmp3.9/11, MS4.2/45, Ms1.4/2.45, ms1mx4.1/78, Error ellipse: s-maj=26.3km s-min=18.1km az=177.0

GCMT 31 22:23:12.0±0.2, 7.31S: 0.02:67.96E:0.12, h12km, MW5.0/104, Moment Tensor, Solution: s37,c45; s104,c150. Duration: 0 Moment tensor: Scale 10^16Nm; Mw=3.88±0.09, Mw1.95±0.09, Mw1.93±0.09, Mw0.32±0.33, Mw1-6.7±0.7, Mw0.15±0.29. Best double couple solution: Ms3.78700±0.10, NP1±0.30700000, 845.00000, λ-101.00000, NP2±1.143.00000, 847.00000, λ-79.00000. Principal axes: T 3.6120, P1g1.0000, Azm225.0000; N 0.3500, Plg8.0000, Azm315.0000; P -3.9620, Plg82.0000, Azm128.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface wave location: Triangular moment-rate function

ISC 31 22:23:11.0±0.8, 7.3S: 0.2:68.1E:1.1, h12km, n56, c0555-16, mb4/0.11, MS4.3/44, 1C, Chagos Archipelago region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PALK Pallekele, OPO Ambohitraranga, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, JOW Kunigami, TORO Torodi Ar. Bea, etc.

NSSP 31 22:32:42.6.38°32'N,45°78'E,h12km,Ms2.9 TEH 31 22:31:40.5,38.34N,45.75E,h12km,ML3.0, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ISHB Shabestar, ITBZ Tabriz, IMRD Marand, etc.

IDC 31 22:32:16.3,2.2,5°87'S,147°73'E,h0km,mb3.9/5, mb1 4.2/7,mb1mx3.8/37,mbtmp3.0/7,ML4.4/1,Error ellipse: s-maj=65.0km s-min=20.9km az=94.0

NEIC 31 22:32:23.0,0.9,5°94'S,109°147.7E,0.1,h50km,n37,+070°30,mb4.2/9,Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRO Warramunga Arr, WRB Warramunga Arr, etc.

Table with columns: STKA, WRKA, MULG, SOLM, MKAR, TORO. Includes station names and coordinates like Stephens Creek, Warakuna, Mulgathing, etc.

IDC 31 22:34:10.2,2.2,8.9,19°20'S,66°70'W,h0km,mb3.5/2, mb1 3.8/4,mb1mx3.6/34,mbtmp3.6/4,ML3.6/2,Error ellipse: s-maj=65.8km s-min=32.1km az=34.0,Southern Bolivia

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, SIV San Ignacio, TORO Torodi Ar. Bea, etc.

OSPL 31 22:39:51.4,0.3,19°08'N,73°91'W,h10km,3km,ML2.9 SSNC 31 22:39:52.0,1.4,19°08'N,73°76'W,h4km,11km,MD3.2, ML3.0,MMV3.0

IDC 31 22:39:49.2,1.8,19°30'N,07°73.81'W,0.04,h11km,13km,n17,+0194/26,Haiti region

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MASC Masc, GTBY Guantanamo Bay, LGNH Logne, etc.

IDC 31 23:11:24.5,1.5,26°42'S,141°74'E,h0km,mb3.4/2, mb1 3.7/7,mb1mx3.4/39,mbtmp3.6/7,ML3.6/5,Error ellipse: s-maj=24.6km s-min=19.2km az=95.0

IDC 31 23:11:25.0,0.9,26°34'S,141°75'E,0.08,h10km,n7,+0345/11,Queensland

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, ASAR Fitzroy Cross, CTAR Charlton Tower, etc.

MOS 31 23:11:28.0,0.8,42°24'N,133°31'E,h475km,mb3.9/11, Error ellipse: s-maj=9.9km s-min=7.5km az=101.8

ISC 31 23:11:27.0,7.0,4,42°25'N,0°06',133°36'E,0.05,h450km, n145,+0177/152,mb3.8/49,3C,3D,Primorye

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VLA Vladivostok, USA0B Ussuriysk Arr, USA0A Ussuriysk Arr, etc.

31d 23h

GEYT	Alibeck	80.18 310	P	P	23 51 26.6	+0.2
VOI	Vohitsoka	80.95 249	I	I	23 51 30.8	-0.1
VOI			I	A	23 51 39.0	
NRK	comp=Z,1.3nm,1.0s					
	Noril'sk	81.65 346	P	P	23 51 33.3	-0.1
	comp=Z,1.6nm,0.6s,baz=135,slow=5.0,SNR=4.9					
ABKAR	Akbulak array	82.52 322	P	P	23 51 37.9	-0.5
ABKAR			I	A	23 51 40.1	
	comp=Z,4.3nm,0.6s					
ABKAR	Akbulak array	82.52 322	P	P	23 51 37.7	-0.6
QSPA	South Pole Qui	82.84 180	P	P	23 51 40.9	+1.0
AKTO	Aktyubinsk	84.09 322	P	P	23 51 46.2	-0.2
	comp=Z,1.8nm,0.5s,baz=120,slow=5.7,SNR=8.6					
ARU	Arti	85.74 328	P	P	23 51 54.1	-0.4
	comp=Z,1.6nm,0.6s,baz=135,slow=5.3,SNR=10					
ARU	Arti	85.74 328	P	P	23 51 53.6	-0.8
ARU			I	A	23 51 54.7	
	comp=Z,4.6nm,0.8s					
RAYN	Ar Rayn	87.66 294	P	P	23 52 04.5	-0.2
RAYN			I	A	23 52 05.5	
	comp=Z,5.1nm,0.8s					
ILAR	Eielson Array	93.54 25	P	P	23 52 29.6	-1.5
	comp=Z,0.7nm,0.8s,baz=221,slow=6.4,SNR=5.6					
BMAR	Burnt Mountain	94.84 23	P	P	23 52 38.1	+1.1
BCAR	Beaver Creek A	95.57 27	P	P	23 52 40.3	+0.3
FINES	FINES Array B	102.81 331	PKIKP	PKIKP	23 52 32.9	+0.1
	comp=Z,2.5nm,0.9s,baz=96,slow=4.2,SNR=4.4					
YKA	Yellowknife Ar	107.94 26	PKIKP	PKIKP	23 57 42.2	0.0
	comp=Z,0.4nm,0.5s,baz=292,slow=2.0,SNR=17					
GERES	GERESS Array B	112.43 320	PKIKP	PKIKP	23 57 51.2	-0.1
	comp=Z,0.6nm,0.5s,baz=83,slow=1.5,SNR=12					
KEST	Kesra	118.78 307	PKP	PKIKP	23 58 04.2	+0.2
	comp=Z,1.5nm,0.8s,baz=140,slow=1.6,SNR=5.3					
TORD	Torodi Ar. Bea	128.59 281	PKP	PKIKP	23 58 23.9	0.0
	comp=Z,1.4nm,0.5s,baz=74,slow=2.8,SNR=22					
PLCA	Paso Flores	128.80 160	PKP	PKIKP	23 58 24.1	+0.4
	comp=Z,1.6nm,0.7s,baz=304,slow=3.7,SNR=4.5					
SCHO	Schefferville	130.59 13	PKP	PKIKP	23 58 26.2	-0.5
	comp=Z,4.2nm,1.1s,baz=89,slow=3.2,SNR=1.7					
DBIC	Dimbokro	135.04 272	PKP	PKPpdf	23 58 35.6	+0.3
	comp=Z,1.6nm,0.4s,baz=110,slow=2.1,SNR=6.0					
CPUP	Villa Florida	146.01 168	PKPbc	PKPab	23 58 57.2	+0.9
	comp=Z,5.3nm,0.6s,baz=191,slow=2.3,SNR=12					
LPAZ	La Paz	150.71 143	PKPbc	PKIKP	23 59 10.8	+1.2
	comp=Z,5.0nm,0.4s,baz=30,slow=2.3,SNR=46					

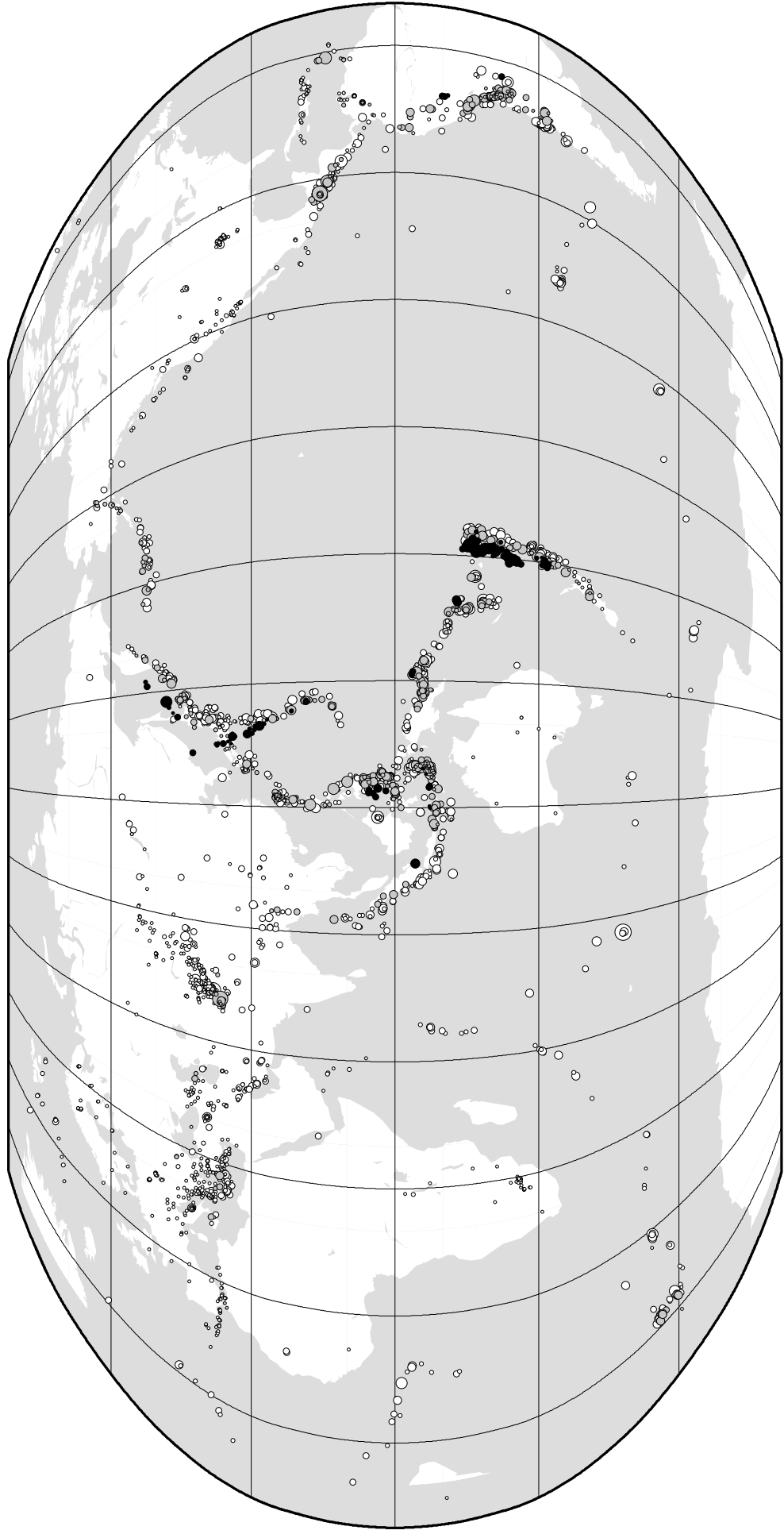
CNRM 31 23:48:25.2, 36.01N; 2.94W, h28km, ml2.8
INMG 31 23:48:26.7, 1.4, 36.14N; 3.17W, h6km, 5km, ML2.3, Error ellipse: s-maj=6.8km s-min=3.8km az=143.0
MDD 31 23:48:26.0, 3.36, 16N; 3.04W, h2km, 5km, mblq2, 4/24, Error ellipse: s-maj=5.3km s-min=2.5km az=87.0, PRXIMO
SFS 31 23:48:26.0, 36.10N; 3.00W, ML2.4, ALBORAN N
ISC 31 23:48:25.3, 0.9, 36.07N; 0.02, 3.02W; 0.03, h25km, 7km, n67, r1585/114, 2D, Strait of Gibraltar

Code	Station Name	Δ ^s	AZ ^s	Phase ID	Time	Res
				Op	h m s	ISC
EALB	Alboran	0.13 185		P	23 48 30.0	-0.2
EALB				S	23 48 32.8	-0.5
EBER	Berja	0.84 7		P	23 48 40.2	-1.6
EBER				S	23 48 50.8	-2.6
GOG	Mont Gurugu	0.84 179		P	23 48 40.5	-1.2
GOG				S	23 48 50.6	-2.7
ELGU	Los Guajares,	0.94 329		P	23 48 41.6	-1.5
ELGU				S	23 48 53.2	-2.5
CHAS	Isla Isabel II	1.00 151		P	23 48 46.2	+2.2
CHAS				S	23 48 57.1	0.0
ENIJ	Nijar	1.12 36		P	23 48 43.6	-1.9
ENIJ				S	23 48 59.6	-0.5
PALE	Palemas	1.13 222		P	23 48 45.3	-0.3
PALE				S	23 48 58.7	-1.6
EMAL	Malaga-Limoner	1.33 302		P	23 49 02.5	-2.8
EMAL				S	23 49 17.6	-2.1
EMAL	Malaga-Limoner	1.33 302		P	23 49 02.5	+0.5
EMAL				S	23 49 17.6	-2.1
EGOR	Sierra Gorda,	1.36 320		P	23 48 48.7	-0.2
EGOR				S	23 49 06.1	-0.2
GORA	Gorafe	1.41 359		P	23 48 49.6	+0.1
GORA				S	23 49 08.6	+1.2
EMIJ	Mijas	1.50 290		P	23 48 49.3	-1.4
EMIJ				S	23 49 05.7	-3.8
AKLM	AKL	1.70 204		P	23 48 53.7	+0.2
AKLM				S	23 49 14.3	-0.2
EQES	Quesada	1.73 359		P	23 48 55.7	+1.7
EQES				S	23 49 17.2	+1.8
JBK	JBK	1.77 168		P	23 48 53.9	-0.6
CEU	Ceuta	1.92 266		P	23 48 58.3	-1.2
CEU				S	23 49 17.6	-2.1
CEU	Ceuta	1.92 266		P	23 48 58.3	-1.2
CEU				S	23 49 17.6	-2.1
ECEU	Ceuta	1.92 266		S	23 49 18.2	-1.6
SESP	Santiago Espad	2.09 10		P	23 49 00.4	+1.5
SESP				S	23 49 25.6	+1.5
LJA	Lijar	2.10 294		P	23 49 04.5	+1.8
CHEFC	Chefchaouen	2.12 244		P	23 49 00.0	+0.7
CART	Cartagena	2.22 46		P	23 48 59.2	-1.4
EMUR	La Murta	2.28 38		P	23 49 03.7	+2.3
EMUR				S	23 49 23.5	-5.2
ESPR	Espera	2.42 290		S	23 49 33.9	+1.7
EADA	Adamuz	2.44 330		P	23 49 04.4	+0.8
EADA				S	23 49 33.6	+0.9
ECAB	Ei Cabril	2.77 317		P	23 49 08.1	-0.1
ECAB				S	23 49 40.3	-0.7
LCRM	LCR	2.81 213		P	23 49 10.0	+1.2
LCRM				S	23 49 42.7	+0.6
ETOB	Tobarra	2.83 24		P	23 49 09.3	+0.2
ETOB				S	23 49 41.1	-1.3
IFR	Ifrane	3.08 215		P	23 49 12.9	+0.4
IFR				S	23 49 47.5	-1.2
TDRA	Tendrarra	3.13 165		P	23 49 13.1	-0.2
AFON	Font Roja	3.26 37		P	23 49 15.3	+0.3
AFON				S	23 49 50.1	-3.0
EMIN	Mina Concepcio	3.38 301		P	23 49 16.9	+0.3
EMIN				S	23 49 53.5	-2.4
MDT	Midett	3.50 202		P	23 49 19.4	+1.2
MDT				S	23 49 57.1	-1.2
MD31	MD31	3.50 205		P	23 49 19.0	+0.8
MD31				S	23 49 59.1	+0.2
PAB	San Pablo	3.63 344		P	23 49 21.3	+1.3
PAB				S	23 50 00.3	-1.8
ESDC	Sonseca Array	3.68 349		P	23 49 22.0	+1.3
ESDC				S	23 50 03.3	0.0
EGRO	Ei Granado	3.87 294		P	23 49 24.4	+1.1
EGRO				S	23 50 06.7	-1.2
PVAQ	Vaqueiros	4.00 291		ePn	23 49 26.4	+1.3

2015 DEC

PVAQ			eSn	Sn	23 50 09.5	-1.7
PVAQ			A	A	23 50 24.5	
	3.8nm,0.6s					
PVAQ	Vaqueiros	4.00 291	P	Pn	23 49 25.5	+0.5
PBDV	Barranco-do-Ve	4.12 288	ePn	Pn	23 49 28.4	+1.7
PBDV			eSn	Sn	23 50 12.5	-1.8
PBDV			A	A	23 50 16.5	
	3.0nm,0.4s					
EBAD	Badajoz	4.16 311	P	Pn	23 49 27.5	+0.3
EBAD			S	Sn	23 50 13.3	-1.8
	0.5nm,0.1s,SNR=7.5					
UCM	Universidad Co	4.24 358	P	Pn	23 49 29.6	+1.3
UCM			S	Sb	23 50 33.9	+3.9
PCVE	Castro Verde	4.32 293	ePn	Pn	23 49 30.5	+1.1
PBEJ	Beja	4.34 298	ePn	Pn	23 49 30.6	+0.8
EIBI	Ibiza	4.56 48	P	Pn	23 49 31.9	-0.8
	0.5nm,0.1s,SNR=7.9					
EIBI			S	Sn	23 50 18.8	-6.0
	1.0nm,0.2s,SNR=7.9					
PESTR	Estremoz	4.59 309	ePn	Pn	23 49 33.7	+0.6
PESTR			eSn	Sn	23 50 23.9	-1.7
PESTR			A	A	23 50 45.4	
	2.9nm,0.5s					
PESTR	Estremoz	4.59 309	P	Pn	23 49 33.1	-0.1
GUD	Guadarrama	4.66 349	P	Pn	23 49 35.0	+0.8
	0.6nm,0.2s,SNR=6.5					
GUD			S	Sn	23 50 25.8	-1.7
	0.3nm,0.2s					
EVO	Evora	4.68 303	P	Pn	23 49 36.2	+1.8
EVO			S	Sn	23 50 23.1	-4.8
EVO	Evora	4.68 303	ePn	Pn	23 49 35.1	+0.7
EVO			eSn	Sn	23 50 24.9	-3.0
EVO			A	A	23 50 33.7	
	2.3nm,0.5s					
MORF	Marletele	4.69 287	ePn	Pn	23 49 38.4	+3.8
MORF			eSn	Sn	23 50 27.8	-0.5
MORF			A	A	23 50 30.1	
	15nm,0.8s					
PFVI	Vila Bisbo	4.79 285	ePn	Pn	23 49 40.5	-4.6
PFVI			eSn	Sn	23 50 29.0	-1.6
ETOR	Torete	4.81 9	P	Pn	23 49 37.3	+1.1
	1.9nm,0.2s,SNR=7.3					
ETOR			S	Sn	23 50 31.2	+0.1
	2.5nm,0.4s					
PTEO	Sao Teotonio	4.81 290	ePn	Pn	23 49 42.8	+6.6
PMRV	Marv??o	4.82 315	ePn	Pn	23 49 36.9	+0.5
PMRV			eSn	Sn	23 50 27.2	-4.3
PMRV			A	A	23 50 58.1	
	3.2nm,0.5s					
PNCL	Nicolau / Gran	4.85 297	ePn	Pn	23 49 37.6	+0.8
PNCL			eSn	Sn	23 50 30.0	-2.2
PNCL			A	A	23 50 34.4	
	12nm,0.8s					
PMTG	Montargil	5.11 308	ePn	Pn	23 49 40.9	+0.7
PMTG			eSn	Sn	23 50 36.1	-2.3
PCBR	Castelo Branco	5.16 318	ePn	Pn	23 49 41.7	+0.8
PCBR			eSn	Sn	2	

ISC Computed Locations for December 2015



Robinson Projection, centred on 0°N, 130°E

