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**All data, including phase data, are available on CD-ROM  
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## 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

NEIC 01 18:45:41.7±1.7, 2170S, 17955W, 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, 2176S, 17970W, h627km, mb3.5/4, mb1 3.7/4, mb1mx3.2/1.4, Error ellipse: s-maj=83.2km s-min=20.6km az=159.0  
 ISC 01 18:45:43.1-2.7, 223S-02, 1796W-03, h613km, 42km, n22, s1515/21, mb4.4/9, 1C, South of Fiji Islands

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
HBZ	Hicks Bay	15.41	186	eP	18 48 53.1	-1.7
URZ	Urewera	16.21	189	P	18 49 01.5	-0.9
MRZ	Mangatainoka R	18.81	192	eP	18 49 26.7	0.0
DIW	D'Urville Isla	19.30	195	eP	18 49 27.3	-3.9
CAW	Cannon Point	19.34	192	eP	18 49 31.7	+0.1
OTW	Orongorongo Tu	19.52	192	eP	18 49 33.0	-0.2
MCW	Moikau	19.61	192	eP	18 49 35.5	+1.5
THZ	Tophouse	20.46	196	eP	18 49 42.0	+0.2
KHZ	Kahutara	20.93	194	P	18 49 46.2	+0.2
ARMA	Armidale	27.03	246	eP	18 50 42.4	+2.3
CTA	Charters Tower	31.93	267	$\hat{I}/P$	18 51 22.3	+0.4
STKA	Stephens Creek	35.75	246	eP	18 51 55.3	+1.8
ASAR	Alice Springs	42.74	259	P	18 52 50.1	+0.3
ASAR		9.8nm, 0.5s, mb4.6, baz=92, slow=8.2, SNR=47	S	18 58 31.3	-0.1	
ASPA	Alice Springs	42.74	259	eP	18 52 50.1	+0.2
WRA	Warramunga Arr	42.96	264	P	18 52 51.0	-0.7
WRA		1.8nm, 0.3s, mb4.0, baz=96, slow=7.8, SNR=93	S	18 58 33.0	-1.5	
KAKA	Kakadu	46.64	273	eP	18 53 18.2	-1.8
FITZ	Fitzroy Crossi	51.39	264	eP	18 53 54.3	-0.7
MBWA	Marble Bar	56.08	259	eP	18 54 27.1	-0.7
CMAR	Chiang Mai Arr	89.35	290	P	18 57 38.1	+1.0
ARCES	ARCESS Array B	130.36	349	PKP	19 03 43.7	-0.5
FINES	FINESS Array B	137.02	342	PKP	19 03 57.3	+0.5
MLR	Muntele Rosu	148.85	324	PKPbc	19 04 22.7	+5.2
		0.2nm, 0.7s, baz=1.2, slow=23, SNR=2.3				

## 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.

















2007 FEB

1d 10h

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

mb1 5.4/24, mb1mx5.4/25, mbtmp5.5/24, ML5.0/1, MS4.3/16, Ms1.4.3/16, ms1mx4.2/25, Error ellipse: s-maj=15.4km s-min=8.8km az=70.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like General Santos, Ambon, Davao City, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Charters Tower, Nakhon Sawan, Chichi jima, etc.

ISCJB 01 09:48.44.0.1, 28445.005:675W,0.1,h118km,13km, mb3.6/3, Error ellipse: s-maj=16.1km s-min=7.4km az=170.4

NEIC 01 09:48:46.0, 28385:6775W, h146km, MG4.4(GUC), After GUC

GUC 01 09:48:46.0, 28385:6775W, h146km, 92km, ML4.4 IDC 01 09:48:47.1, 28635:6769W, h135km, 40km, mb3.5/3, mb1.3/3, mb1mx3.4/14, mbtmp3.5/3, Error ellipse: s-maj=44.4km s-min=40.3km az=35.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Copiapo, Las Campanas, Valenar, etc.

ISC 01 09:48:45.1, 28445.005:675W,0.1,h116km,12km,n17, -0.95/25, mb3.6/3, 4C-2D, La Rioja Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSM Kuching, KSM Kuching, CAUP Cayanuan, etc.

ISC 01 10:21:58.0, 1.9, 073N,9730E, h0km, mb4.3/5, mb1.4/3, mb1mx3.9/20, mbtmp4.2/6, ML3.7/1, Error ellipse: s-maj=48.7km s-min=25.5km az=58.0

ISCJB 01 10:22:01.8, 1.3, 08N,02:975E,0.1,h33km,mb4.5/9, Error ellipse: s-maj=27.1km s-min=17.8km az=34.7

ISC 01 10:22:04.8, 1.4, 01N,02:976E,0.2,h35km,n13,-0.95/12, mb4.5/9, Northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Psi Prapat, Odare, Tapn, etc.

BJI 01 10:43:19.7, 060N, 12646E, h10km, mb5.3, mb5.4, Ms4.7, Ms2.5

ISCJB 01 10:43:26.0, 0.2, 121N,002:12637E,0.03,h15km, mb5.6/13, MS4.7/12, Error ellipse: s-maj=4.4km s-min=3.0km az=167.8

IDC 01 10:43:25.2, 0.4, 1.14N, 12632E, h0km, mb5.5/23,

ISCJB 01 10:43:25.2, 0.4, 1.14N, 12632E, h0km, mb5.5/23,

IDC 01 10:43:25.2, 0.4, 1.14N, 12632E, h0km, mb5.5/23,



MAJO	Matsushiro	36.83	16	eP	P	10 50 34.8	-0.5
MAJO	comp=Z,111nm,1.1s,mb5.6						
MAJO				ePcP	PcP	10 52 57.5	+0.3
MAJO				LR	LR		
MAT	Matsushiro	36.83	16	P	P	10 50 34.7	-0.6
MAT	comp=Z,990nm,19.0s,MS4.6						
MJAR	Matsushiro Arr	36.83	16	P	P	10 50 34.7	-0.6
MJAR	comp=Z,46nm,0.7s,mb5.4,baz=181,slo=9.8,SNR=60						
MJAR				PcP	PcP	10 52 57.3	+0.1
MJAR				LR	LR	11 03 46.8	
DL2	Dalian	37.76	354	P	P	10 50 44.0	+0.8
DL2	comp=Z,156nm,18.4s,MS3.8,baz=190,slo=33						
DL2				eS	AMB	10 56 33.6	+0.3
DL2				LR	LR		
DL2	comp=Z,190nm,0.6s,mb6.0						
DL2	comp=N,300nm,14.5s,MS4.4						
DL2	comp=E,320nm,15.0s,MS4.4						
DL2	comp=Z,400nm,18.4s,MS4.3						
ARMA	Armidade	39.61	145	iP	P	10 50 59.8	+1.0
BJT	Baijiatuu	39.72	348	eP	P	10 50 59.5	-0.2
BJT	comp=Z,41nm,0.7s,mb5.3						
BJT				LR	LR		
BJT				P	P	10 50 59.5	-0.2
BJT				pmax	pmax		
BJT	comp=Z,503nm,22.0s,MS4.3						
BJT				MLR	MLR		
BJI	Beijing	39.74	348	P	P	10 50 59.3	-0.5
BJI	comp=Z,49nm,0.8s,mb5.3						
BJI				S	AMB	10 56 59.8	-3.4
BJI				LR	LR		
BJI	comp=N,396nm,29.1s,MS4.3						
BJI	comp=E,382nm,26.0s,MS4.3						
BJI	comp=Z,845nm,29.1s,MS4.4						
LZH	Lanzhou	40.50	331	eP	P	10 51 06.5	+0.3
LZH	comp=Z,38nm,1.0s,mb5.1						
LZH				AP	P	10 51 09.0	-2.0
LZH				XP	PP	10 51 20.7	+0.7
LZH				PP	PP	10 52 43.3	+3.7
LZH				AMB	AMB		
LZH	comp=Z,240nm,4.8s						
LZH	comp=E,2um,15.9s						
LZH	comp=Z,2um,16.5s,MS5.0						
SNY	Shenyang	40.51	357	iP	P	10 51 05.6	-0.6
SNY	comp=Z,108nm,0.8s,mb5.5						
SNY				AP	P	10 51 09.9	-1.1
SNY				XP	sP	10 51 12.6	-0.3
SNY				AMB	AMB		
SNY	comp=Z,584nm,4.3s						
SNY	comp=N,630nm,20.2s,MS4.6						
SNY	comp=E,533nm,17.8s,MS4.6						
SNY	comp=Z,497nm,20.7s,MS4.3						
HHC	Hu-ho-hao-te	41.67	343	eP	P	10 51 16.2	+0.5
HHC	comp=Z,14nm,0.8s,mb4.6						
HHC				AP	P	10 51 23.2	+0.7
HHC				XP	sP	10 52 57.1	+4.9
HHC				PP	PP	10 53 13.8	+1.4
HHC				PcP	PcP	10 57 02.8	-0.9
HHC				PCS	S	10 57 32.2	+0.3
HHC				S	S	11 00 33.4	-4.2
HHC				SS	SS	11 01 17.0	-1.8
HHC				SCS	SCS		
HHC				AMB	AMB		
HHC	comp=Z,14nm,0.8s,mb4.6						
HHC	comp=Z,194nm,4.9s						
HHC	comp=N,424nm,21.8s,MS4.4						
HHC	comp=E,298nm,19.0s,MS4.4						
HHC	comp=Z,785nm,28.5s						
VLA	Vladivostok	42.02	6	iP	P	10 51 18.8	+0.3
VLA	comp=Z,30nm,1.0s,mb4.9						
VLA				eP	P	10 51 18.7	+0.2
VLA				pmax	pmax		
CNB	Canberra Magne	42.22	152	eP	P	10 51 21.4	+1.1
CNB	comp=Z,192nm,1.4s,mb5.5						
CN2	Changchun	42.41	359	iP	P	10 51 21.4	-0.3
CN2	comp=Z,30nm,1.0s,mb4.9						
CN2				eXP	sP	10 51 28.4	+0.1
CN2				eS	S	10 57 43.5	+0.8
CN2				AMB	AMB		
CN2	comp=Z,20nm,1.2s,mb4.6						
CN2	comp=Z,200nm,5.0s						
CN2	comp=N,600nm,19.0s,MS4.6						
CN2	comp=E,500nm,19.0s,MS4.6						
CN2	comp=Z,500nm,21.0s,MS4.4						
TOO	Toolangi	42.46	157	iP	P	10 51 23.7	+1.5
TOO	comp=Z,21nm,1.0s,mb4.7						
TOO				ePcP	PcP	10 53 02.0	-1.3
TOO				e	P	10 51 23.7	+1.5
TOO				pmax	pmax	10 53 02.0	
MDJ	Mudanjiang	43.31	3	P	P	10 51 30.0	+1.0
MDJ	comp=Z,21nm,1.0s,mb4.7						
MDJ				AP	P	10 51 33.1	-0.8
MDJ				XP	sP	10 51 34.3	-1.5
MDJ				PP	PP	10 53 11.1	+1.2
MDJ				SCP	ScP	10 57 09.5	+0.7
MDJ				PCS	S	10 57 17.1	+0.5
MDJ				S	S	10 57 59.6	+3.6
MDJ				AMB	AMB		
MDJ	comp=Z,136nm,1.1s,mb5.6						
MDJ	comp=Z,113nm,4.3s						
MDJ	comp=N,432nm,34.4s						
MDJ	comp=E,207nm,27.5s						
MDJ	comp=Z,549nm,33.9s,MS4.2						
MDJ	Mudanjiang	43.31	3	eP	P	10 51 29.7	+0.7
MDJ	comp=Z,129nm,0.9s,mb5.7						
ERM	Erimo	43.34	18	eP	P	10 51 29.0	-0.3
ERM	comp=Z,747nm,20.0s,MS4.6						
ERM	comp=Z,141nm,1.4s,mb5.5						
ERM	comp=Z,387nm,20.0s,MS4.3						
ERM	Erimo	43.34	18	eP	P	10 51 29.0	-0.3
ERM	comp=Z,141nm,1.4s,mb5.5						
ERM	comp=Z,387nm,20.0s,MS4.3						
LSA	Lhasa	43.86	314	P	P	10 51 32.0	-1.7
LSA	comp=Z,50nm,1.0s,mb5.2						
LSA	comp=Z,37nm,0.6s,mb5.3						
LSA				eP	P	10 51 34.3	+0.6
LSA	comp=Z,445nm,22.0s,MS4.3						
LSA	Lhasa	43.86	314	eP	P	10 51 34.3	+0.6
LSA	comp=Z,37nm,0.6s,mb5.3						
LSA				pmax	pmax	10 51 34.3	+0.6
LSA	comp=Z,445nm,22.0s,MS4.3						
GTA	Gaotai	45.08	331	P	P	10 51 42.9	-0.4
GTA	comp=Z,445nm,22.0s,MS4.3						
GTA				AP	P	10 51 47.0	-1.1
GTA				XP	sP	10 51 50.1	+0.1
GTA				PcP	PcP	10 53 25.1	+1.2
GTA				PP	PP	10 53 27.0	-1.8
GTA				PCS	sS	10 57 17.1	-0.5
GTA				S	S	10 58 24.0	+2.2
GTA				XS	XS	10 58 31.6	+1.8

GTA	GTA	SCS	ScS	11 01 37.1	-3.0		
GTA	comp=Z,18nm,0.9s,mb4.9	SS	SS	11 01 39.0	-5.3		
GTA		AMB	AMB				
GTA	comp=Z,80nm,7.2s						
GTA	comp=N,393nm,24.3s,MS4.5	LR	LR				
GTA	comp=E,428nm,20.2s,MS4.5	LR	LR				
TAPN	Taplejung	45.24	309	eP	P	10 51 44.1	-0.7
TAPN	comp=Z,837nm,24.3s,MS4.6						
TAPN	comp=Z,59nm,0.7s,mb5.5						
ODAN	Odare	45.27	308	eP	P	10 51 44.2	-0.8
ODAN	comp=Z,67nm,0.9s,mb5.6						
NOUC	Port Laguerre	45.33	123	eP	P	10 51 45.8	+0.2
DZM	Mont Dzumac	45.44	123	eP	P	10 51 46.4	0.0
DZM	comp=Z,67nm,0.9s,mb5.6,baz=337,slo=4.1,SNR=31						
PALK	Pallekele	45.90	279	eP	P	10 51 47.3	-2.9
PALK	comp=Z,22nm,0.9s,mb5.1						
PALK	comp=Z,755nm,22.0s,MS4.6	LR	LR				
JIRN	Jiri	46.58	308	eP	P	10 51 54.6	-0.8
JIRN	comp=Z,84nm,0.6s,mb5.8						
GUN	Gumba	46.94	308	eP	P	10 51 57.4	-0.8
GUN	comp=Z,135nm,0.5s,mb5.1						
PKI	Pulchoki	47.16	307	eP	P	10 52 04.5	-1.2
KKK	Kakani	47.36	308	eP	P	10 52 00.2	-1.2
DMN	Daman	47.42	307	eP	P	10 52 00.9	-1.0
HABR	Khabarovsk	47.67	8	iP	P	10 52 04.5	+1.0
HABR	comp=Z,46nm,0.5s,mb5.6						
HABR				eS	S	10 53 33.6	
HABR				eS	S	10 58 59.1	+0.3
HABR				eSSS	pmax	11 01 54.7	
HABR				pmax	pmax	11 03 32.9	
YSS	Yuzh-Sakhalins	47.75	15	eP	P	10 52 04.3	+0.2
YSS	comp=Z,38nm,0.4s,mb5.8						
YSS	Yuzh-Sakhalins	47.75	15	iP	P	10 52 04.0	-0.1
YSS	comp=Z,100nm,1.0s,mb5.8						
YSS	comp=N,70nm,1.1s						
YSS	comp=E,90nm,1.2s						
TAU	Tasmania Univ	47.80	159	eP	P	10 52 05.1	+0.6
TAU	comp=Z,44nm,1.2s,mb5.8						
TAU	Tasmania Univ	47.80	159	eP	P	10 52 04.7	+0.1
TAU	comp=Z,47nm,1.0s,mb5.5						
KLN	Gorkha	47.96	308	eP	P	10 52 05.0	-1.1
KLN	comp=Z,44nm,0.8s,mb5.8						
KLR	Kul'dur	48.06	5	iP	P	10 52 04.0	-2.5
KLR	comp=E,33nm,1.4s						
HIA	Hailar	48.21	354	eP	P	10 52 08.3	+0.7
HIA	comp=Z,140nm,1.4s,mb5.8						
HIA	comp=Z,124nm,1.1s,mb5.8						
HIA	comp=Z,421nm,21.0s,MS4.4						
HIA	Hailar	48.21	354	eP	P	10 52 08.3	+0.7
HIA	comp=Z,124nm,1.1s						
HIA	comp=Z,421nm,21.0s						
KOLN	Koldanda	48.69	307	eP	P	10 52 10.9	-0.8
KOLN	comp=Z,256nm,0.7s,mb6.4						
ULN	Ulaanbaatar	49.39	343	eP	P	10 52 16.7	0.0
ULN	comp=Z,13nm,0.6s,mb5.1						
ULN	comp=Z,289nm,22.0s,MS4.2						
ULN	Ulaanbaatar	49.39	343	eP	P	10 52 16.7	-0.1
ULN	comp=Z,13nm,0.6s,mb5.1						
ULN	comp=Z,289nm,22.0s,MS4.2						
SOMN	Songino Array	49.56	342	P	P	10 52 17.9	-0.2
SOMN	comp=Z,11nm,0.7s,mb5.0,baz=155,slo=9.3,SNR=56						
SOMN	Songino Array	49.56	342	P	P	10 52 17.9	-0.1
SOMN	comp=Z,7.2nm,0.8s,baz=152,slo=3.6,SNR=3.7						
SOMN	comp=Z,295nm,19.5s,MS4.3,baz=166,slo=39						
HYB	Hyderabad	49.66	292	eP	P	10 52 18.0	-1.3
HYB	comp=Z,160nm,1.0s,mb6.0						
HYB	Hyderabad	49.66	292	eP	P	10 52 18.0	-1.3
HYB	comp=Z,160nm,1.0s,mb6.0						
HYB				eP	P	10 52 22.0	-2.2
HYB				S	S	10 59 10.0	-1.8
HYB				eS	S	10 52 18.0	-1.3
CIT	Chita	51.76	350	iP	P	10 52 36.0	+1.4
CIT	comp=Z,340nm,1.3s,mb6.1						
CIT				e	P		

1d 10h

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TIXI	Tiksi	70.35	1	eP	P	10 54 35.9	-4.6	MYA	Malataya	87.63 308	eP	P	10 56 16.6	+0.8	DAG	comp-Z,1.13nm,1.1s,mb5.3		pmax	pmax
TIXI				eS	S	11 03 45.8	-6.2	MOS	Moscow	88.29 326	eP	P	10 56 15.4	-3.2	DAG	Danmarks Havn	99.68 352	i/P	Pdifi
TIXI	comp-Z,57nm,1.0s,mb5.5			pmax	pmax			MOS	Moscow	88.29 326	eP	P	10 56 16.2	-2.4	DAG	comp-Z,1.13nm,1.1s			
MSEY	Mahe Island	71.05 265		PFAKE	LR	10 55 00.0	+1.4	MOS							HFS	Hafjorn	100.06 332	P	Pdifi
MSEY	comp-Z,668nm,20.0s,MS4.9			LR	LR			MOS							BOSA	Boshof	100.03 241	PFAKE	LR
BILL	Bilibino	72.07 15		P	P	10 54 51.1	+0.2	ANN	Anapa	88.39 315	eP	P	10 56 17.3	-2.0	BOSA				
BILL	comp-Z,23nm,1.0s,mb5.1			LR	LR			ANN							BOSA				
BILL	Bilibino	72.07 15		eP	P	10 54 51.1	+0.2	GAZ	Gaziantep	88.60 307	eP	P	10 56 20.4	-0.1	VYHS	Yyhne	100.64 320	eP	Pdifi
BILL	comp-Z,583nm,22.0s,MS4.8			LR	LR			GAZ							VYHS				
BILL				e	P	10 55 02.4		SVSK	Karacayir	88.74 310	eP	P	10 56 17.4	-3.7	VYHS	Yyhne	100.64 320	eP	Pdifi
BILL	comp-Z,48nm,1.8s,mb5.1			pmax	pmax			KMRS	Kahramanmaraş	88.84 307	eP	P	10 56 21.8	+0.2	VYHS				
BILL				e	P	10 55 08.0		MENT	Mentasta	88.89 27	eP	P	10 56 21.6	+0.3	VYHS				
AKTO	Aktuyubinsk	75.40 322		LR	LR	11 30 03.6		OBN	Obninsk	88.90 325	i/P	P	10 56 20.4	-1.1	MORC	Moravsky Berou	101.13 321	i/P	Pdifi
AKTO	comp-Z,344nm,21.9s,MS4.6,baz=110,slow=37			LR	LR			OBN							MORC				
SVE	Sverdlovsk	75.91 329		eP	P	10 55 13.0	-0.6	OBN							KSP	Ksiaz	101.61 323	eP	Pdifi
SVE	comp-Z,320nm,1.0s,mb6.2			pmax	pmax			OBN						YKA	Yellowknife Ar	101.93 25	i/P	Pdifi	
ARU	Arti	76.86 328		P	P	10 55 18.4	-0.6	OBN						YKA					
ARU	comp-Z,1µm,0.7s,SNR=47			P	P			OBN						YKA					
ARU	Arti	76.86 328		eP	P	10 55 18.2	-0.8	ASF	Jabal al Asfar	89.10 302	P	P	10 56 23.2	+1.2	YKA	Yellowknife Ar	101.93 25	P	Pdifi
ARU	comp-Z,161nm,0.8s,mb5.0			LR	LR			ASF						YKA					
ARU	Arti	76.86 328		i/P	P	10 55 18.1	-0.9	ASF	comp-Z,152nm,21.1s,MS4.4,baz=335,slow=39					YKA					
ARU				e	P	10 55 28.0		TOKT	Tokat	89.08 310	eP	P	10 56 23.8	+1.1	YKA				
ARU				e	P	10 58 11.2		KMBO	Kilima Mbogo	89.13 269	eP	P	10 56 24.1	+0.5	YKA				
ARU				ePPP	P	10 59 54.4		KMBO	comp-Z,28nm,0.8s,mb5.7										
ARU				eS	SS	11 05 01.3	-4.8	KMBO	comp-Z,327nm,20.0s,MS4.8										
ARU				eSS	SS	11 09 58.8	-3.7	KMBO											
ARU				pmax	pmax			KMBO	comp-Z,28nm,0.8s										
SOKR	Solikamsk	78.71 331		i/P	P	10 55 28.7	-0.6	KMBO	comp-Z,327nm,20.0s										
SOKR	comp-Z,153nm,0.8s,mb6.0			pmax	pmax			KMBO	comp-Z,24nm,0.9s,mb5.5,baz=49,slow=6.8,SNR=51										
SOKR	comp-Z,150nm,1.1s,mb5.8			pmax	pmax			KMBO	comp-Z,363nm,21.9s,MS4.8,baz=92,slow=33										
SOKR	comp-Z,310nm,22.0s,MS4.6			MLR	MLR			KVT	Kavak	89.45 311	eP	P	10 56 21.9	-2.5	B05A	Bryant	103.28 40	i/Pdifi	Pdifi
QRN	Al-Qurain	79.28 299		eP	AMB	10 55 32.6	-0.5	KVT							B05A				
QRN	comp-Z,265nm,0.9s,mb6.2			AMB	AMB	10 55 35.5		SYO	Syowa Base	89.96 201	eP	P	10 56 25.8	-0.3	B05A	Maple Falls	103.07 39	i/Pdifi	Pdifi
QRN	Sand Point	79.48 34		eP	P	10 55 33.8	+0.2	SYO							B05A				
SDPT	comp-Z,144nm,0.6s,mb5.1			P	P			SYO	Syowa Base	89.96 201	eP	P	10 56 28.2	+0.8	B05A	Mapleton	103.30 44	i/Pdifi	Pdifi
KBD	Kabd	79.51 299		eP	AMB	10 55 33.5	-0.9	EGAK	Eagle	89.98 25	eP	P	10 56 26.1	-0.2	B05A	Mapleton	103.30 44	i/Pdifi	Pdifi
KBD	comp-Z,340nm,0.8s,mb6.3			AMB	AMB	10 55 36.5		EGAK							B05A				
RDF	Al-Radifah	79.62 299		eP	AMB	10 55 34.1	-0.8	APA	Apaitiy	89.02 337	i/P	P	10 56 25.0	-1.5	E04A	Onalaska	103.35 41	i/Pdifi	Pdifi
RDF	comp-Z,124nm,0.8s,mb5.9			AMB	AMB	10 55 36.9		APA							E04A				
MIB	Mutribah	79.87 300		eP	P	10 55 35.2	-1.1	MMAI	Mount Meron Ar	90.15 303	LR	LR	11 40 01.8		A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
MIB	comp-Z,196nm,0.9s,mb6.0			AMB	AMB	10 55 38.3		MMAI	comp-Z,45nm,20.2s,MS3.9,baz=230,slow=38					A06A					
NAY	Al-Naaiem	79.91 299		eP	P	10 55 35.4	-1.2	EIL	Eilat	90.63 300	eP	P	10 56 29.4	-0.8	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
NAY	comp-Z,255nm,0.9s,mb6.0			AMB	AMB	10 55 39.8		EIL	comp-Z,244nm,0.7s,mb6.6					A06A					
NAY	Al-Naaiem	79.91 299		eP	P	10 55 35.4	-1.2	EIL	Eilat	90.63 300	LR	LR	11 41 47.8		A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
RST	Umm Al-Ruwaisa	80.14 300		eP	AMB	10 55 36.3	-1.5	NIG	Nigde	90.64 308	eP	P	10 56 29.9	-0.1	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
RST	comp-Z,191nm,0.7s,mb6.1			AMB	AMB	10 55 39.5		NIG							A06A				
VNDA	Vanda	80.99 173		eP	P	10 55 41.5	+0.2	SIM	Simferopol'	90.75 315	S	P	10 56 31.9	+1.5	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
VNDA	comp-Z,24nm,0.9s,mb5.1			LR	LR			SIM							A06A				
VNDA	Vanda	80.99 173		eP	P	10 55 41.5	+0.2	SIM	comp-Z,45nm,0.9s,mb5.8						A06A				
VNDA	comp-Z,411nm,20.0s,MS4.8			pmax	pmax			SIM							A06A				
VNDA	comp-Z,25nm,0.9s			MLR	MLR			SIM							A06A				
VNDA	comp-Z,411nm,20.0s			MLR	MLR			SIM							A06A				
VNDA	Vanda	80.99 173		P	P	10 55 41.5	+0.1	DAWY	Dawson	90.79 26	eP	P	10 56 29.9	-0.2	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
VNDA	comp-Z,18nm,0.7s,mb5.1,baz=314,slow=6.0,SNR=37			LR	LR	11 28 44.8		TOS	Tosya	90.98 311	eP	P	10 56 30.9	-0.7	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
MAW	Mawson	81.28 200		eP	P	10 55 41.8	-1.2	TOS							A06A				
MAW	comp-Z,246nm,20.6s,MS4.5,baz=331,slow=34			P	P			TOS							A06A				
MAW	Mawson	81.28 200		eP	P	10 55 41.8	-1.2	QSPA	South Pole Qui	91.13 180	eP	P	10 56 32.0	+0.6	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
MAW	comp-Z,13nm,0.7s,mb5.0			pmax	pmax			QSPA	comp-Z,12nm,0.7s,mb5.3					A06A					
MAW	Mawson	81.28 200		eP	P	10 55 43.2	+0.2	QSPA	comp-Z,260nm,20.0s,MS5.0						A06A				
MAW	comp-Z,19nm,0.8s,mb5.1,baz=62,slow=5.9,SNR=31			LR	LR	11 26 43.1		QSPA						A06A					
MAW	comp-Z,203nm,21.5s,MS4.5,baz=61,slow=32			P	P			QSPA						A06A					
SBA	Scott Base	81.91 172		eP	P	10 55 46.4	+0.2	JOF	Joensuu	91.24 333	eP	P	10 56 29.8	-2.4	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
SBA	comp-Z,43nm,1.1s,mb5.3			pmax	pmax			JOF	comp-Z,16nm,0.7s,mb5.5					A06A					
SBA	Scott Base	81.91 172		eP	P	10 55 46.4	+0.2	JOF	Joensuu	91.24 333	eP	P	10 56 29.8	-2.4	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
SBA	comp-Z,43nm,1.1s,mb5.3			pmax	pmax			JOF						A06A					
DGRG	David-gareji	82.44 311		P	P	10 55 50.8	+1.1	BR131	Keskin Aray S	91.33 310	eP	P	10 56 31.8	-1.4	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
BHD	Baghdad	82.63 303		eP	x	10 55 47.0		BR131	comp-Z,7.4nm,0.7s,mb5.5					A06A					
MTA	Mtatsminda	82.89 312		P	P	10 55 52.3	+0.2	ANTO	Ankara	91.97 310	PFAKE	LR	10 56 50.0	+1.4	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
SVWZ	Sparrevohon	83.17 29		eP	P	10 55 54.3	+1.2	ANTO						A06A					
HKR	Hakkari	83.41 308		eP	P	10 55 54.8	+0.1	INK	Inuvik	92.63 21	eP	P	10 56 38.0	-0.5	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
GOR	Gori	83.43 312		P	P	10 55 55.8	+0.9	INK	comp-Z,2µm,1.3s					A06A					
ZEI	Tsey	83.64 313		eP	P	10 55 56.4	+0.5	INK	comp-Z,2µm,1.2s					A06A					
ZEI	comp-Z,150nm,0.9s,mb5.1			pmax	pmax			ARCES	ARCESS Array B	93.60 321	P	P	10 56 37.1	-1.6	A06A	Chilliwack	103.42 39	i/Pdifi	Pdifi
MSL	Mosul	83.86 306		eP	x	10 55 57.0		ARCES	comp-Z,30nm,1.1s,mb5.7,baz=83,slow=3.2,SNR=16										



LAVA	baz=107	Lava Cap Winer	106.92	49	↑Pd	Pd		10 57 43.8 +0.7
N06A	baz=107	Buffalo Meadow	107.03	47	↑Pd	Pd		10 57 44.9 +1.4
A12A	baz=107	Yaak River Ran	107.37	38	↑Pd	Pd		10 57 45.2 +1.5
O06A	baz=107	Flanigan	107.21	47	↑Pd	Pd		10 57 44.9 +0.6
BFO	baz=108	Black Forest	107.33	322		PFAKE LR		11 02 10.0 +1.6
WVOR	comp=Z,247nm,20.0s,MS4.8	Wild Horse Val	107.38	45		PFAKE LR		11 02 10.0 +1.6
CMB	comp=Z,567nm,20.0s,MS5.1	Columbia Colle	107.39	49		PFAKE LR		11 02 10.0 +1.6
CMB	comp=Z,243nm,19.0s,MS4.8	Columbia Colle	107.39	49	↑Pd	Pd		10 57 46.8 +1.7
BMO	baz=107	Blue Mountains	107.50	42		PFAKE LR		11 02 10.0 +1.6
BMO	comp=Z,421nm,19.0s,MS5.0	Lost Marbles R	107.50	43	↑Pd	Pd		10 57 46.1 +0.4
N07B	baz=108	Gerlach	107.65	46	↑Pd	Pd		10 57 47.0 +0.7
L08A	baz=108	Fields	107.66	45	↑Pd	Pd		10 57 47.3 +1.0
E11A	baz=108	Bogner Ranch,	107.69	40	↑Pd	Pd		10 57 47.3 +0.9
J09A	baz=108	Fry Pan Ranch,	107.70	44	↑Pd	Pd		10 57 46.8 +0.2
A13A	baz=108	Plathend Natio	107.83	37	↑Pd	Pd		10 57 46.9 -0.1
K09A	baz=108	Rome	107.93	44	↑Pd	Pd		10 57 47.8 +0.3
R06C	baz=108	Coleville	107.96	49	↑Pd	Pd		10 57 47.3 -0.4
H10A	baz=108	Noah's Angus R	107.97	42	↑Pd	Pd		10 57 46.9 -0.8
G11A	baz=108	Walters Elk Ra	108.00	41	↑Pd	Pd		10 57 47.3 -0.5
B13A	baz=108	Whitfield	108.02	38	↑Pd	Pd		10 57 47.9 0.0
U05C	baz=108	Westside ANR,	108.05	51	↑Pd	Pd		10 57 49.3 +1.3
WALA	baz=108	Waterton Lakes	108.08	37	eP	Pd		10 57 49.8 +1.6
TSUM	comp=Z,18nm,1.9s	Tsumeb	108.12	250		PFAKE LR		11 02 10.0 +1.4
T06C	comp=Z,371nm,20.0s,MS4.9	Millerton Lake	108.18	50	↑Pd	Pd		10 57 49.9 +1.2
C13A	baz=108	Hot Springs	108.22	38	↑Pd	Pd		10 57 49.6 +0.7
R07C	baz=108	Lee Vining	108.39	49	↑Pd	Pd		10 57 50.9 +1.3
K10A	baz=108	MacKenzie Ranc	108.50	44	↑Pd	Pd		10 57 51.4 +1.3
N09A	baz=108	Rock Creek Ran	108.67	46	↑Pd	Pd		10 57 52.0 +1.2
C14A	baz=109	Swan Lake	108.70	38	↑Pd	Pd		10 57 52.4 +1.4
HELL	baz=109	Whitney Peak,	108.80	51	↑Pd	Pd		10 57 52.3 +0.9
NVAR	baz=109	Mina Array Bea	108.85	49	Pd	Pd		10 57 53.8 +2.2
NVAR	comp=Z,0.6nm,0.6s,ba=269,slow=3.1,SNR=6.7				Pd	Pd		11 01 58.6 +1.6
NVAR	comp=Z,0.8nm,0.8s,ba=284,slow=3.6,SNR=5.2				Pd	Pd		11 02 20.1 -3.4
NVAR	comp=Z,3.0nm,1.1s,ba=277,slow=6.4,SNR=9.9				Pd	Pd		11 13 18.7 +1.3
NVAR	comp=Z,0.7nm,0.7s,ba=113,slow=5.9,SNR=7.7				Pd	Pd		11 07 58.6 +1.6
E13A	baz=109	Victor	108.95	40	↑Pd	Pd		10 57 53.2 +1.1
Q08A	baz=109	Gabbs	109.00	48	↑Pd	Pd		10 57 54.2 +2.0
D09A	baz=109	Greenough	109.13	39	↑Pd	Pd		10 57 53.2 +0.3
O14A	baz=109	Fish Creek Ran	109.13	47	↑Pd	Pd		10 57 53.8 +1.0
S08C	baz=109	White Mtn Res	109.22	50	↑Pd	Pd		10 57 54.7 +1.4
LPL	baz=109	La Plagne	109.43	320	ePKP	Pd		11 01 57.8 0.0
LPL	baz=109	La Plagne	109.43	320	ePKP	Pd		11 01 57.8 0.0
G13A	baz=109	Cobalt	109.44	41	↑Pd	Pd		10 57 54.4 +0.1
L11A	baz=110	Cat Creek Ran	109.49	44	↑Pd	Pd		10 57 55.3 +1.4
CWC	baz=110	Cottonwood Cre	109.60	51	↑Pd	Pd		10 57 56.3 +1.4
H13A	baz=110	Challis	109.63	41	↑Pd	Pd		10 57 56.3 +1.2
HLID	baz=110	Hailey	109.90	42		PFAKE LR		11 02 10.0 +1.1
HLID	comp=Z,398nm,21.0s,MS5.0	Hailey	109.90	42	↑Pd	Pd		10 57 57.8 +1.5
K12A	baz=110	Draper Farm, C	109.91	43	↑Pd	Pd		10 57 57.8 +1.5
E15A	baz=110	Deer Lodge	109.94	39	↑Pd	Pd		10 57 57.2 +0.7
L12A	baz=110	House Creek Ra	110.01	44	↑Pd	Pd		10 57 58.0 +1.2
J13A	baz=110	Cove Ranch, Pi	110.13	43	↑Pd	Pd		10 57 58.5 +1.2
MPMC	baz=110	Manual Prospec	110.17	51	↑Pd	Pd		10 57 59.0 +1.5
LRMC	baz=110	Laurel Mount	110.18	51	↑Pd	Pd		10 57 59.0 +1.5
ORIF	baz=110	Oris-en-Rattie	110.22	319	ePKP	Pd		11 01 58.2 -1.1
ORIF	baz=110	Oris-en-Rattie	110.22	319	ePKP	Pd		11 01 58.2 -1.1
ORIF	baz=110	Oris-en-Rattie	110.22	319	ePKP	Pd		11 01 58.2 -1.1
O11A	comp=Z,5.8nm,0.7s	Cowboy Ranch,	110.25	46	↑Pd	Pd		10 57 58.8 +0.9
F15A	baz=110	Butte	110.27	40	↑Pd	Pd		10 57 59.4 +1.5
S10A	baz=110	Toponah Range,	110.28	49	↑Pd	Pd		10 57 58.9 +0.9
M12A	baz=110	Wells	110.34	45	↑Pd	Pd		10 57 59.6 +1.3
ELK	baz=110	Elko	110.34	45		PFAKE LR		11 02 10.0 +1.0
FURC	comp=Z,458nm,20.0s,MS5.0	Furnace Creek,	110.53	50	↑Pd	Pd		10 58 00.3 +1.2
L13A	baz=110	Double Diamond	110.77	44	↑Pd	Pd		10 58 01.6 +1.5
BOZ	comp=Z,240nm,21.0s,MS4.8	Bozeman (W)	110.90	40		PFAKE LR		11 02 10.0 +9.4
BOZ	comp=Z,240nm,21.0s,MS4.8	Bozeman (W)	110.90	40	↑Pd	Pd		10 58 02.8 +2.1
PFO	baz=111	Pinyon Flat Ob	111.69	53		PFAKE LR		11 02 10.0 +7.5
YMR	comp=Z,139nm,19.0s,MS4.6	Madison River	111.74	40		PFAKE LR		11 02 10.0 +7.8
V11A	comp=Z,1jm,22.0s,MS5.4	Goodsprings	111.82	50	↑Pd	Pd		10 58 06.2 +1.3
LKWY	baz=112	Lakeview	112.15	40		PFAKE LR		11 02 10.0 +7.0
FCC	comp=Z,576nm,21.0s,MS5.1	Fort Churchill	112.25	21	ePKP	Pd		11 02 01.3 -1.5
FCC	comp=Z,576nm,21.0s,MS5.1	Fort Churchill	112.25	21	ePKP	Pd		11 02 01.3 -1.5
DUG	comp=Z,468nm,22.0s,MS5.0	Dugway	112.27	45		PFAKE LR		11 02 04.1 +0.7
DUG	comp=Z,468nm,22.0s,MS5.0	Dugway	112.27	45	ePKP	Pd		11 02 04.1 +0.7
DUG	comp=Z,468nm,22.0s,MS5.0	Dugway	112.27	45	↑Pd	Pd		10 58 07.9 +1.1
V12A	baz=112	Nelson	112.31	50	↑Pd	Pd		10 58 08.7 +1.7
AHID	comp=Z,325nm,19.0s,MS4.9	Auburn Hatcher	112.45	42		PFAKE LR		11 02 20.0 +1.6
HWUT	comp=Z,325nm,19.0s,MS4.9	Hardware Ranch	112.60	43		PFAKE LR		11 02 20.0 +1.6

MPU	comp=Z,358nm,19.0s,MS5.0	Maple Canyon	113.17	45		PFAKE LR		11 02 20.0 +1.5
MSU	comp=Z,690nm,21.0s,MS5.2	Maple Canyon	113.35	47	ePKP	Pd		11 02 06.6 +1.1
MSU	comp=Z,690nm,21.0s,MS5.2	Marysvalle	113.35	47	ePKP	Pd		11 02 06.6 +1.1
BW06	comp=Z,140nm,19.0s,MS4.6	Boulder Array	113.48	42		PFAKE LR		11 02 20.0 +1.4
PDAR	comp=Z,140nm,19.0s,MS4.6	Pinedale Array	113.48	42	ePKP	Pd		11 02 05.8 +0.2
PDAR	comp=Z,1.0nm,0.6s,ba=258,slow=2.3,SNR=8.1	Pinedale Array	113.48	42	ePKP	Pd		11 02 05.8 +0.2
PDAR	comp=Z,1.3nm,0.8s,ba=125,slow=4.6,SNR=9.9	Pinedale Array	113.48	42	ePKP	Pd		11 02 49.7 -1.4
LAO	comp=Z,583nm,20.0s,MS5.2	LASA Array	113.76	37		PFAKE LR		11 12 20.0 +1.4
LAO	comp=Z,583nm,20.0s,MS5.2	Rawlins	115.52	42	ePKP	Pd		11 02 09.7 +0.1
PV10	comp=Z,251nm,21.0s,MS4.8	Paradox Valley	115.67	46	ePKP	Pd		11 02 10.7 +0.7
PV01	comp=Z,251nm,21.0s,MS4.8	Paradox Valley	115.67	46	ePKP	Pd		11 02 11.3 +0.5
RSSD	comp=Z,5.1nm,0.6s,ba=319,slow=2.0,SNR=17	Black Hills	116.39	38		PFAKE LR		11 02 20.0 +8.9
RSSD	comp=Z,5.1nm,0.6s,ba=319,slow=2.0,SNR=17	Mesa Verde	116.54	47		PFAKE LR		11 02 20.0 +8.3
MVCO	comp=Z,279nm,19.0s,MS4.9	Tucson	116.62	53		PFAKE LR		11 02 20.0 +8.0
TUC	comp=Z,279nm,19.0s,MS4.9	Tucson	116.62	53		PFAKE LR		11 02 20.0 +8.0
SMCO	comp=Z,526nm,20.0s,MS5.2	Snowmass	116.80	44	ePKP	Pd		11 02 13.2 +1.1
ULMC	comp=Z,611nm,20.0s,MS5.2	Lac du Bonnet	117.33	29	ePKP	Pd		11 02 11.7 -1.0
ULM	comp=Z,611nm,20.0s,MS5.2	Lac du Bonnet	117.33	29	ePKP	Pd		11 02 11.7 -1.0
ULM	comp=Z,5.1nm,0.6s,ba=319,slow=2.0,SNR=17	Idaho Springs	117.46	43		PFAKE LR		11 02 30.0 +1.7
ISCO	comp=Z,452nm,21.0s,MS5.1	Great Sand Dun	118.47	45		PFAKE LR		11 02 30.0 +1.5
SDCO	comp=Z,526nm,20.0s,MS5.2	Agassiz Refuge	118.61	31	ePKP	Pd		11 02 13.5 -1.8
AGNM	comp=Z,526nm,20.0s,MS5.2	Ladron	118.68	49	ePKP	Pd		11 02 16.2 +0.4
LAZ	comp=Z,295nm,19.0s,MS4.9	Albuquerque	118.97	48	ePKP	Pd		11 02 16.7 +0.3
ANMO	comp=Z,295nm,19.0s,MS4.9	Albuquerque	118.97	48	ePKP	Pd		11 02 16.7 +0.3
ANMO	comp=Z,295nm,19.0s,MS4.9	Albuquerque	118.97	48	ePKP	Pd		11 02 16.7 +0.3
LPM	comp=Z,295nm,19.0s,MS4.9	Barren Site	119.10	49	ePKP	Pd		11 02 17.5 +0.8
BNN	comp=Z,295nm,19.0s,MS4.9	Barren Site	119.10	49	ePKP	Pd		11 02 17.5 +0.8
EYM	comp=Z,295nm,19.0s,MS4.9	Ely	121.01	29	ePKP	Pd		11 02 19.0 -0.9
ECSO	comp=Z,295nm,19.0s,MS4.9	EROS, Sioux Fal	121.05	35	ePKP	Pd		11 02 19.3 -0.8
IMTX	comp=Z,295nm,19.0s,MS4.9	Cornudas Moun	121.51	61	ePKP	Pd		11 02 20.3 -0.3
CBKS	comp=Z,372nm,20.0s,MS5.0	Cedar Bluff	121.91	42		PFAKE LR		11 02 30.0 +8.1
EVOR	comp=Z,11nm,0.9s	Evora	122.37	318	ePKP	Pd		11 02 22.9 +0.1
MDT	comp=Z,1.9nm,0.6s,ba=108,slow=1.6,SNR=5.0	Midelt	122.73	311	ePKP	Pd		11 02 24.4 +0.7
MDT	comp=Z,1.9nm,0.6s,ba=108,slow=1.6,SNR=5.0	Midelt	122.73	311	ePKP	Pd		11 02 24.4 +0.7
SCHO	comp=Z,611nm,20.0s,MS5.2	Schefferville	123.10	9	ePKP	Pd		11 02 23.2 -0.5
SCHO	comp=Z,611nm,20.0s,MS5.2	Schefferville	123.10	9	ePKP	Pd		11 02 23.2 -0.5
TOAO	comp=Z,8.7nm,0.6s,ba=354,slow=2.1,SNR=27	Torodi Ar. Sit	123.31	287	ePKP	Pd		11 02 24.2 -1.0
TORD	comp=Z,7.5nm,0.7s,ba=251,slow=1.8,SNR=27	Torodi Ar. Bea	123.31	287	ePKP	Pd		11 02 24.2 -1.0
TORD	comp=Z,7.5nm,0.7s,ba=251,slow=1.8,SNR=27	Torodi Ar. Bea	123.31	287	ePKP	Pd		11 02 24.2 -1.0
TORD	comp=Z,5.9nm,0.8s,ba=274,slow=3.8,SNR=30	Lajitas	123.41	53		PFAKE LR		11 02 40.0 +1.5
LTX	comp=Z,457nm,19.0s,MS5.2	Lajitas Array	123.41	53	ePKP	Pd		11 02 25.2 +0.2
LTX	comp=Z,457nm,19.0s,MS5.2	Lajitas Array	123.41	53	ePKP	Pd		11 02 25.2 +0.2
TXAR	comp=Z,1.0nm,0.9s,ba=108,slow=1.4,SNR=10	Lajitas Array	123.41	53	ePKP	Pd		11 02 25.2 +0.2
TXAR	comp=Z,1.0nm,0.9s,ba=108,slow=1.4,SNR=10	Lajitas Array	123.41	53	ePKP	Pd		11 02 25.2 +0.2
TXAR	comp=Z,3.4nm,0.7s,ba=259,slow=0.9,SNR=42	Lajitas Array	123.41	53	ePKP	Pd		11 02 25.2 +0.2
TXAR	comp=Z,1.0nm,0.9s,ba=108,slow=1.4,SNR=10	Lajitas Array	123.41	53	ePKP	Pd		11 02 25.2 +0.2
COWI	comp=Z,1.4nm,0.8s,ba=140,slow=1.2,SNR=10	Kansas State U	123.78	40	ePKP	Pd		11 02 24.5 -0.1
KSU1	comp=Z,1.4nm,0.8s,ba=140,slow=1.2,SNR=10	Wichita Mouna	124.67	45	ePKP	Pd		11 02 27.0 -0.4
WMOK	comp=Z,1.4nm,0.8s,ba=140,slow=1.2,SNR=10	Wichita Mouna	124.67	45	ePKP	Pd		11 02 27.0 -0.4
JCT	comp=Z,128nm,22.0s,MS4.5	Junction City	125.96	50	ePKP	Pd		11 02 29.8 -0.1
JCT	comp=Z,128nm,22.0s,MS4.5	Junction City	125.96	50	ePKP	Pd		11 02 29.8 -0.1
JCT	comp=Z,128nm,22.0s,MS4.5	Junction City	125.96	50	ePKP	Pd		11 02 29.8 -0.1
HJL	comp=Z,236nm,19.0s,MS4.9							

B07A	Winthrop	37.50	71	↑P	P	11 12 56.7	+0.3
D06A	Cle Elum	37.67	73	↓P	P	11 12 58.0	+0.2
HIA	Hailar	37.67	291	↓P	P	11 12 57.4	-0.4
G04A	Mulino	37.68	77	↓P	P	11 12 58.8	+0.9
A08A	Turner Farm, O	37.76	69	↑P	P	11 12 59.4	+0.8
C07A	Waterville	37.90	72	↓P	P	11 13 00.2	+0.5
J02A	Umpqua	37.98	80	↓P	P	11 13 02.2	+1.7
B08A	Colville Reser	38.01	70	↓P	P	11 13 00.8	+0.1
H04A	Detroit Lake	38.13	77	↑P	P	11 13 02.0	+0.2
A09A	Danville	38.15	69	↓P	P	11 13 02.1	+0.2
D07A	Quincy	38.19	72	↓P	P	11 13 02.7	+0.5
J03A	Ideyid Park	38.35	79	↓P	P	11 13 04.1	+0.5
K02A	Glendale	38.36	81	↓P	P	11 13 04.4	+0.7
G05A	Wamic	38.37	76	↑P	P	11 13 04.1	+0.4
C08A	Higginbotham F	38.45	71	↑P	P	11 13 04.7	+0.3
E07A	Sunnyside	38.58	73	↑P	P	11 13 06.0	+0.5
L02A	Cave Junction	38.63	81	↓P	P	11 13 07.3	+1.4
B09A	Rice	38.67	70	↑P	P	11 13 06.3	0.0
H05A	Madras	38.73	77	↓P	P	11 13 06.3	-0.5
A10A	Northport	38.75	69	↑P	P	11 13 06.9	+0.1
G06A	Carlson Farm,	38.78	75	↑P	P	11 13 07.9	+0.7
F07A	Phinny Hill Vi	38.87	74	↑P	P	11 13 07.5	-0.4
D08A	Wollman Farm,	38.88	72	↓P	P	11 13 07.4	-0.6
J04A	Umpqua Nationa	38.95	79	↑P	P	11 13 10.1	+1.4
I05A	Bend	38.96	77	↑P	P	11 13 09.1	+0.4
KSRS	Korea Array	39.06	270	P	P	11 13 09.9	+0.3
E08A	Dider Farm, El	39.08	73	↓P	P	11 13 09.4	-0.4
H06A	Lindquist Farm	39.23	76	↓P	P	11 13 10.8	-0.2
D09A	Jones Farm, Ri	39.24	72	↓P	P	11 13 10.7	-0.3
B10A	Chilwood Farm,	39.27	69	↓P	P	11 13 11.8	+0.6
G07A	Ruggs Ranch, H	39.35	75	↓P	P	11 13 12.1	+0.1
YBH	Yreka Blue Hor	39.42	81	↑P	P	11 13 14.2	+1.6
A11A	Hall Mountain,	39.45	68	↑P	P	11 13 12.3	-0.5
C10A	Spilker Farm,	39.46	70	↓P	P	11 13 12.5	-0.3
J05A	Fort Rock	39.46	78	↑P	P	11 13 13.5	+0.6
M02C	Callahan	39.52	82	↓P	P	11 13 13.1	-0.3
I06A	Prineville	39.72	77	↑P	P	11 13 16.0	+0.9
RES	Resolute Bay	39.79	24	eP	P	11 13 17.1	+1.8
RES	Resolute Bay	39.79	24	eP	P	11 13 17.1	+1.8
D10A	Wagner Farm, O	39.86	71	P	P	11 13 15.8	-0.4
A12A	Yaak River Ran	39.87	68	↓P	P	11 13 16.3	0.0
M04C	Macdoel	39.92	81	↑P	P	11 13 17.6	+0.8
CIT	Chita	39.94	298	eP	P	11 13 17.0	+0.2
K05A	Summer Lake	39.98	79	↑P	P	11 13 18.1	+0.8
I07A	Ize	40.08	76	P	P	11 13 18.5	+0.5
J06A	Christmas Vall	40.14	78	↑P	P	11 13 18.9	+0.3
F09A	S2 Ranch, Elgi	40.17	73	↑P	P	11 13 19.5	+0.7
WDC	Whiskeytown Da	40.18	83	↓P	P	11 13 18.9	-0.1
E10A	Myers Farm, Un	40.24	72	P	P	11 13 18.9	-0.4
O02C	Red Bluff	40.27	83	↓P	P	11 13 20.4	+0.7
K06A	Valley Falls	40.33	78	↓P	P	11 13 20.7	+0.6
H08A	Prairie City	40.35	75	↓P	P	11 13 20.9	+0.7
L05A	Lakeview	40.39	80	↓P	P	11 13 22.1	+1.4
F10A	Beach Ranch, E	40.44	72	↑P	P	11 13 20.9	-0.1
J07A	Hines	40.58	77	↑P	P	11 13 23.4	+1.2
A13A	Flathead Natio	40.59	67	↑P	P	11 13 22.2	0.0
M05C	Lookout	40.59	81	↓P	P	11 13 21.7	-0.6
HATC	Hat Creek Radi	40.71	82	↓P	P	11 13 23.8	+0.5
I08A	Drewsey	40.74	76	↓P	P	11 13 23.3	-0.2
MOD	Modoc	40.80	80	↓P	P	11 13 24.3	+0.3
B13A	Whitefish	40.83	68	↑P	P	11 13 22.8	-1.4
E11A	Bogner Ranch,	40.84	71	↑P	P	11 13 23.7	-0.7
H09A	Durkee	40.87	74	↓P	P	11 13 24.4	-0.2
K07A	Rock Creek Ran	41.00	78	↑P	P	11 13 26.0	+0.3
M06C	Likely Place G	41.09	81	↓P	P	11 13 27.0	+0.5
J08A	Chirco Bar Ran	41.10	77	↑P	P	11 13 26.3	-0.2
F11A	Grangeville	41.12	72	↓P	P	11 13 26.0	-0.7
I09A	Lost Marbles R	41.20	75	↓P	P	11 13 26.6	-0.8
O04C	Chester	41.23	82	↑P	P	11 13 28.1	+0.5
ELFS	Eagle Lake Fie	41.28	81	↑P	P	11 13 29.3	+1.3
G11A	Walters Elk Ra	41.31	73	↑P	P	11 13 27.3	-1.0
L07A	Adeli	41.33	79	↑P	P	11 13 27.5	-0.9
ORV	Oroville	41.43	83	↓P	P	11 13 28.9	-0.4
SUTB	Sutter Butte	41.45	84	↓P	P	11 13 29.8	+0.4
D13A	Huson	41.49	69	↑P	P	11 13 28.5	-1.2
WVOR	Wild Horse Val	41.52	78	eP	P	11 13 25.0	-5.0
WVOR	Wild Horse Val	41.52	78	eP	P	11 13 25.0	-4.9
J09A	Fry Pan Ranch,	41.54	76	↑P	P	11 13 30.2	0.0
I10A	Payette	41.71	75	↓P	P	11 13 31.0	-0.5
MSO	Missoula	41.93	70	↓P	P	11 13 32.9	-0.4
E13A	Victor	41.99	70	P	P	11 13 33.3	-0.4
D14A	Greenough	42.05	69	P	P	11 13 33.8	-0.4
J10A	Berg Farm, Mel	42.09	75	↑P	P	11 13 34.7	+0.1
F13A	Darby	42.25	71	↑P	P	11 13 35.8	-0.1

I11A	Placerville	42.31	74	↑P	P	11 13 36.2	-0.2
L09A	Wilkinson Ranc	42.35	78	↓P	P	11 13 36.4	-0.3
K10A	MacKenzie Ranc	42.40	76	↑P	P	11 13 37.1	0.0
E14A	Clinton	42.41	70	↑P	P	11 13 36.8	-0.4
D15A	Lincoln	42.65	69	↑P	P	11 13 39.0	-0.1
MFID	Camas Ranch	42.67	75	↑P	P	11 13 39.1	-0.2
G13A	Cobalt	42.69	72	↓P	P	11 13 38.8	-0.7
O07A	Toulon	42.69	81	↓P	P	11 13 39.2	-0.4
F14A	Wisdom	42.81	71	↑P	P	11 13 40.0	-0.4
E15A	Deer Lodge	42.91	69	P	P	11 13 40.5	-0.7
G14A	Jackson	43.06	71	↑P	P	11 13 42.4	-0.1
N09A	Rock Creek Ran	43.11	79	↓P	P	11 13 42.6	-0.3
J12A	Stokes Ranch,	43.20	75	↓P	P	11 13 43.1	-0.5
F15A	Butte	43.31	70	↓P	P	11 13 43.2	-1.2
I13A	Wildhorse Cree	43.31	73	↑P	P	11 13 45.1	-0.2
L11A	Cat Creek Ranc	43.42	76	↑P	P	11 13 46.0	+0.6
HLID	Hailey	43.43	74	eP	P	11 13 45.0	-0.5
HLID	Hailey	43.43	74	eP	P	11 13 45.8	+0.4
MCMT	McKenzie Canyo	43.66	71	↓P	P	11 13 47.1	-0.1
K12A	Draper Farm, C	43.67	75	P	P	11 13 47.8	+0.4
J13A	Cove Ranch, Pi	43.67	74	↑P	P	11 13 47.2	-0.2
G15A	Dillon	43.68	71	P	P	11 13 46.9	-0.5
EGMT	Eagleton	43.72	66	eP	P	11 13 46.9	-0.8
EGMT	Eagleton	43.72	66	eP	P	11 13 47.0	-0.7
L12A	House Creek Ra	43.88	76	P	P	11 13 49.4	+0.3
BOZ	Bozeman (W)	43.92	70	eP	P	11 13 49.0	-0.4
BOZ	Bozeman (W)	43.92	70	eP	P	11 13 49.0	-0.4
BOZ	Bozeman (W)	43.92	70	↑P	P	11 13 49.3	-0.1
NVAR	Mina Array Bea	44.09	82	P	P	11 13 49.5	-1.4
QLMT	Emmets Lake	44.49	71	eP	P	11 13 53.7	-0.3
L13A	Double Diamond	44.56	75	P	P	11 13 55.0	+0.4
BJI	Beijing	44.77	281	P	P	11 13 55.0	-1.2
YJR	Madison River	44.86	71	eP	P	11 13 56.5	-0.3
R09A	Tonopah	44.97	82	↑P	P	11 13 58.0	+0.2
YNR	Old Faithful	45.00	70	eP	P	11 13 59.1	+1.2
YFT	Old Faithful	45.06	71	eP	P	11 13 57.8	-0.7
O12A	Currie	45.16	78	↑P	P	11 13 59.0	-0.3
S09A	Goldfield	45.20	82	↓P	P	11 13 59.8	+0.1
LKWY	Lake	45.25	70	eP	P	11 14 01.3	+1.3
IMW	Indian Meadow	45.31	71	eP	P	11 14 00.3	-0.2
HVU	Hanse Valley	45.45	75	eP	P	11 14 01.5	-0.2
HVU	Hanse Valley	45.45	75	eP	P	11 14 01.5	-0.2
S10A	Topah Range,	45.46	82	↑P	P	11 14 01.4	-0.4
TLY	Talaya	45.47	302	eP	P	11 14 02.1	+0.5
TLY	Talaya	45.47	302	eP	P	11 14 01.8	+0.2
MOOW	Moose Ponds	45.51	71	eP	P	11 14 01.8	-0.3
ULN	Ulanbatar	45.65	296f	eP	P	11 14 03.7	+0.6
SPUT	South Promont	45.93	75	eP	P	11 14 05.4	0.0
S0NM	Songino Array	46.04	296	P	P	11 14 06.8	+0.6
S0NM	Songino Array	46.04	296	P	P	11 14 06.8	+0.6
S0NM	Songino Array	46.04	296	P	P	11 14 06.8	+0.6
S0NM	Songino Array	46.04	296	P	P	11 14 06.8	+0.6
FCC	Fort Churchill	46.23	46	eP	P	11 14 06.3	-1.3
FCC	Fort Churchill	46.23	46	eP	P	11 14 06.3	-1.2
FCC	Fort Churchill	46.23	46	eP	P	11 14 06.3	-1.2
ZAK	Zakamensk	46.35	300	eP	P	11 14 08.7	+0.1
DUG	Dugway	46.38	77	eP	P	11 14 08.9	-0.1
DUG	Dugway	46.38	77	eP	P	11 14 08.9	-0.1
DUG	Dugway	46.38	77	eP	P	11 14 09.6	+0.6
BW06	Boulder Array	46.79	72	eP	P	11 14 11.7	-0.5
PDAR	Pinale Array	46.79	72	eP	P	11 14 11.7	-0.5
HHC	Hu-ho-hao-te	47.08	285	eP	P	11 14 15.3	+0.9
HHC	Hu-ho-hao-te	47.08	285	eP	P	11 14 25.2	+2.9
HHC	Hu-ho-hao-te	47.08	285	eP	P	11 15 48.0	+2.0
HHC	Hu-ho-hao-te	47.08					

Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like DMN, KOLN, EKA, AKASG, etc.

HEL 01 11:08:02.1, 0.3, 5921N, 2718E, h0km, ML1.6, ML2.1(NAO), Explosion

NAO 01 11:08:03.4, 2.4, 5928N, 2707E, ML2.1 BER 01 11:08:03.8, 2.1, 5929N, 2723E, h0km, ML2.1(NAO), Suspected explosion

ISC 01 11:08:02.4, 1.7, 5929N, 008.272E, h0km, m14, o#89/20, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like VJF, MEF, FIAO, etc.

CASC 01 11:18:53.9, 2.7, 1106N, 8822W, h38km, 17km, MD4.4 MOS 01 11:18:55.3, 0.9, 1112N, 8791W, h32km, mb4.9/14, Error ellipse: s-maj=15.8km s-min=7.1km az=113.5

IDC 01 11:18:56.3, 3.8, 1109N, 8786W, h33km, 29km, mb4.0/17, mb1.4/20, mb1.9km, 3.28, mbtmp4.1/20, ML3.9/3, MS3.7/7, MS1.3/6.7, ms1mx3.2/28, Error ellipse: s-maj=22.6km s-min=11.5km az=47.0

ISCJB 01 11:18:56.0, 0.6, 1103N, 003.8795W, 003, h44km, 6km, mb4.5/50, MS3.9/9, Error ellipse: s-maj=6.3km s-min=4.8km az=138.9

NEIC 01 11:18:58.0, 0.7, 1113N, 8788W, h45km, 6km, mb4.6/32, Error ellipse: s-maj=8.1km s-min=5.0km az=223.0

BUI 01 11:18:59.5, 1.10N, 8790W, h44km, mBS.0, MS5.0, MSz4.7 ISC 01 11:18:59.0, 0.5, 1116N, 004.8783W, 004, h47km, 5km, n379, o#88/365, mb4.5/50, MS3.9/9, 78C-91D, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like COPN, TEL3, MOMJ, etc.

Main table with columns: Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like SNET, BOQS, TGHU, etc.

Main table with columns: Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like U12A, MSU, S14A, etc.





Table with columns: ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Zakamensk, Urumqi, Makanchi Array, etc.

Table with columns: PRGR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Permogore, Novokhopersk, Anapa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like KAKA, FITZ, FITZ, GUMO, WRA, etc.











Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ROSC El Rosal, OTAV Otavalo, PTVR Puerto La Cruz, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like EVR Evrytania, JAN Janina, MEV Metsovon, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like VAM Vamos, KYTH Kithira, VLI Velia, etc.

NEIC 01 15:27:07.4, 38163S:17608E, h183km, MG3.9(WEL), After WEL

WEL 01 15:27:07.0-3, 3808S:17603E, h174km, 2km, ML3.8/1C, Error ellipse: s-maj=2.2km s-min=1.8km az=0.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KARZ Kahroa, URZ Urewera, KRZV Karewarewa, etc.

ISCJB 01 16:39:37.4, 2.1, 69S:02:15477E:0.06, h92km, 22km, mb4-2/10, Error ellipse: s-maj=29.4km s-min=9.3km

ISC 01 16:39:38.4, 3.0, 68S:15476E, h89km, 27km, mb3.4/3, mb1 3.5/5, mb1mx3.3/15, mbmtpp3.5/5, MS2.8/1, M1 2.8/1, sm1mx2.5/12, Error ellipse: s-maj=35.9km s-min=15.6km az=1.0

ISC 01 16:39:39.2, 1.7, 69S:02:15477E:0.06, h93km, 18km, n14, 0539/15, mb4.2/10, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, PMG Paloua, STKA Stephens Creek, etc.

ISCJB 01 16:42:11.6, 0.9, 1083N:006:6182W:0.03, h5km, Error ellipse: s-maj=9.5km s-min=6.1km az=19.8

FUNV 01 16:42:11.9, 1078N:6182W, h5km, MW2.5 TRN 01 16:42:13.8, 1080N:6177W, h3km, MD2.3

ISC 01 16:42:11.6, 1.4, 108N:01:6183W:0.03, h5km, 15km, n7, 0591/14, 1C-2D, Trinidad

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like TCE Chachacare, GIVE Guiria, TRN Trinidad (W), etc.

CSEM 01 16:45:34.5, 0.1, 3454N:2239E, h10km, MD3.9, Error ellipse: s-maj=4.4km s-min=2.4km az=57.0

HLW 01 16:45:34.3, 3505N:2244E, h33km, Mb3.0 ATH 01 16:45:35.3, 3469N:2246E, h21km, 2km, MD3.9/14

ISCJB 01 16:45:35.1, 1.6, 3457N:005:2233E:0.07, h26km, 15km, mb3.7/5, Error ellipse: s-maj=10.5km s-min=6.3km az=143.8

NEIC 01 16:45:42.0, 3494N:2262E, h10km, ML3.0(ATH), After ATH

ISC 01 16:45:50.1, 3.9, 3545N:2230E, h72km, 24km, mb3.4/5, mb1 3.4/8, mb1mx3.3/23, mbmtpp3.3/8, Error ellipse: s-maj=84.8km s-min=25.9km az=29.0

ISC 01 16:45:38.0-7, 3464N:005:2241E:0.07, h41km, 10km, n6, 0578/65, mb3.7/5, 2D, Central Mediterranean Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like GVD Gavdhos, TRP Trapani, etc.

NEIC 01 16:48:45.6, 4427N:6987W, h67km, MN2.1(WES), After WES

NEIC mgLg 2.1 [WES], Felt at Monmouth and Winthrop. OTT 01 16:48:44.3-0.5, 4423N:6987W, h5km, MN2.5/3, Near Augusta, Maine, U.S. 170km southeast from Lac-Meganic, Qc Northern Appalachians Seismic Zone, Maine

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like WVW Waterville, PKME Peaks-Kenny Pk, LBNH Lisbon, etc.

ISCJB 01 16:51:57.9, 0.6, 5151N:003:1605E:0.03, h0km, Error ellipse: s-maj=4.3km s-min=2.5km az=16.3

IPEC 01 16:51:58.9, 0.3, 5160N:1611E, h0km, ML2.3/3, Error ellipse: s-maj=1.9km s-min=1.5km az=42.0

CSEM 01 16:51:59.7, 0.1, 5154N:1604E, h0km, ML3.2/8, Error ellipse: s-maj=2.7km s-min=1.4km az=13.0

PRU 01 16:52:00.8, 5150N:1601E, h0km, Error ellipse: s-maj=2.7km s-min=1.4km az=13.0

WAR 01 16:52:00.8, 5154N:1602E, ML2.6, Mining Induced VIE 01 16:52:01.9, 0.5, 5136N:1603E, h0km, mb2.3/4, ML2.7/4, Error ellipse: s-maj=3.2km s-min=3.0km az=168.0, Suspected Mining induced

NEIC 01 16:52:03.9, 1.7, 5128N:1565E, h5km, ML2.7(CLL), Error ellipse: s-maj=26.0km s-min=12.0km az=193.0

ISC 01 16:51:59.1-0.6, 5155N:003:1604E:0.03, h0km, n55, 0588/106, 4C-4D, Poland

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz, LMO La Malbaie, UPC Upice, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Dobruska-Polom, Panska Ves, Berggiesshubel, Pruhonice, etc.

ISCJB 01 17:14:22.1±1.2, 467N:0.1±1531E:0.2, h48km, 12km, mb3.9/7, Error ellipse: s-maj=27.9km s-min=7.3km az=141.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kuril'sk, Severo-Kuril's, Akkeshi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Churui, Biratori 2, Urakawa-nobuka, Kayabe, etc.

IDC 01 17:14:37.6±6.5, 702S:117.12E, h589km, 102km, mb3.0/6, mb1.3/1.7, mb1mx3.0/1.7, mbtmpp3.0/7, Error ellipse: s-maj=41.5km s-min=29.4km az=74.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ, WRA, NB2, NOA, etc.

ISCJB 01 17:15:40.0±0.5, 5570S:0.0±268W:0.1, h10km, mb4.7/13, MS4.3/6, Error ellipse: s-maj=12.5km s-min=11.2km az=139.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like East Falkland, SNA, PMSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES, ARCES, KMI, GYA, etc.

ISCJB 01 17:20:35.0±0.6, 3718N:0.0±7196E:0.07, h127km, 10km, mb3.7/3, Error ellipse: s-maj=9.2km s-min=6.4km az=172.1

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









Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like MASH Mash'abbe Sade, KZIT Kziot, etc.

NEIC 01 23:11:46.0, 3226S-7186W, h30km, ML2.9(GUC), After GUC.

GUC 01 23:11:46.0, 3226S-7186W, h30km, ML2.9, Near coast of Central Chile

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like CHNG Los Chungos, PETORCA Petorca, etc.

IDC 01 23:15:30.5-19.0, 1974S-6866W, h157km, 114km, mb3.6/2, mb1 3.7/4, mb1mx3.5/16, mbtmp3.6/4, Error ellipse: s-maj=258.8km s-min=32.9km az=21.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like LPAZ La Paz, SIV San Ignacio, etc.

IDC 01 23:41:18.6-0.9, 1086N-4350W, h0km, mb3.9/8, mb1 4.1/8, mb1mx3.8/20, mbtmp3.9/8, Error ellipse: s-maj=29.1km s-min=24.1km az=30.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like SIV San Ignacio, TORD Torodi Ar. Bea, etc.

IDC 02 00:41:11.2-1.0, 2824N-94.16E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.8/19, mbtmp3.8/8, MS3.4/1, MS1 3.4/1, ms1mx2.2/28, Error ellipse: s-maj=36.1km s-min=21.5km az=52.0

ISCJB 02 00:41:13.7, 0.4, 2814N-94.03E, h37km, mb4.1/15, Error ellipse: s-maj=6.5km s-min=3.8km az=1.4

BUI 02 00:41:13.5, 2823N-94.12E, h30km, mb4.6, mb4.2, ML3.9, MS3.7, MSz3.4

MOS 02 00:41:14.5-1.1, 2825N-94.29E, h44km, mb4.1/7, Error ellipse: s-maj=16.8km s-min=9.3km az=110.2

NEIC 02 00:41:16.2-1.0, 2827N-94.22E, h37km, 11km, mb4.3/6, Error ellipse: s-maj=10.0km s-min=6.5km az=56.0

ISC 02 00:41:16.1-0.7, 2821N-005-9405E-003, h35km, 8km, n55, 0-93/69, mb4.1/15, Eastern Xizang-India border region

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like LSA Lhasa, TAPN Tablejuing, etc.

Main table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like KMI, KML, KOLN, KOLN, etc.

ISCJB 02 00:54:11.9-1.9, 111N-01-6188W-007, h63km, 22km, Error ellipse: s-maj=20.4km s-min=11.1km az=9.1

FUNV 02 00:54:11.5, 1.1, 16N-61.76W, h1km, MW2.6, Error ellipse: s-maj=12.3km s-min=9.5km az=87.2

ISC 02 00:54:12.3-0.1, 11N-01-6187W-007, h61km, 24km, n6, 0-27/10, 1C, Windward Islands

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like GUVI Guiria, TRN Trinidad (W), etc.

IDC 02 01:03:27.2-3.1, 3876N-7559E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.4/20, mbtmp3.6/5, ML2.9/2, Error ellipse: s-maj=73.9km s-min=24.2km az=135.0

ISCJB 02 01:03:29.9-0.5, 3901N-004-7595E-008, h10km, mb3.6/4, Error ellipse: s-maj=9.3km s-min=5.0km az=2.5

MOS 02 01:03:30.2-1.4, 3980N-7559E, h33km, mb4.2/2, Error ellipse: s-maj=24.2km s-min=19.5km az=87.2

NEIC 02 01:03:31.9, 0.8, 3879N-7588E, h35km, mb3.8/1, Error ellipse: s-maj=13.2km s-min=10.2km az=53.0

BUI 02 01:03:31.5, 3893N-7556E, h7km, ML3.1

ISC 02 01:03:32.0-0.6, 3900N-004-7592E-009, h10km, n41, 0-161/50, mb3.6/4, 6C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like KSH Kashi, UCH Uchter, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like AAK, TKM2, TKM2, etc.

ISCJB 02 01:11:28.1-0.9, 1185N-004-6179W-005, h108km, 7km, Error ellipse: s-maj=7.3km s-min=6.9km az=6.8

TRN 02 01:11:28.7, 1185N-61.78W, h96km, MD3.2, Error ellipse: s-maj=11.2km s-min=8.8km az=11.0

NEIC 02 01:11:28.7, 1185N-61.78W, h95km, MD3.2, (TRN), After TRN.

FUNV 02 01:11:28.3, 1191N-61.54W, h63km, MW3.1

ISC 02 01:11:29.2-0.9, 1185N-004-6179W-005, h102km, 8km, n21, 0-98/35, 2C-1D, Windward Islands

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like GRW Mount Saint Ca, GRW, etc.

MEX 02 01:54:05.9-0.3, 1555N-9594W, h10km, 3km, MD3.6, Near coast of Oaxaca

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like HUIG Huatulco, VHO Vista Hermosa, etc.

SKO 02 02:39:25.0, 4205N-2107E, h15km, M1.5, ML1.9

THE 02 02:39:25.9, 4208N-21.17E, h3km, ML2.7

CSEM 02 02:39:27.5-0.3, 4195N-21.22E, h17km, 1km, ML2.7, Error ellipse: s-maj=6.3km s-min=2.4km az=123.0

ISC 02 02:39:23.2-0.4, 4217N-008-2103E-009, h10km, n25, 0-79/41, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like SKO Skopje, KRUS Krusevo, etc.

























LDF	comp=E,410nm,7.0s	17.51 308	eP	Pn	12 10 32.6	-0.7
LDF	comp=Z,35nm,1.3s					
LDF	La Druitiere	17.51 308	eP	Pn	12 10 32.6	-0.7
LDF	comp=Z,70nm,1.3s					
LDF	La Druitiere	17.51 308	eP	Pn	12 10 32.6	-0.7
ZEI	Tsey	17.78 72	eP	Pn	12 10 39.0	+2.4
FLN	La Foliniere	17.80 309	eP	Pn	12 10 34.2	-2.6
FLN	comp=Z,34nm,1.3s					
FLN	La Foliniere	17.80 309	eP	Pn	12 10 34.2	-2.6
FLN	comp=Z,68nm,1.3s					
FLN	La Foliniere	17.80 309	eP	Pn	12 10 34.2	-2.6
GRR	comp=Z,409nm,19.2s			eMLR	MLR	
GRR	Gorron	17.88 307	eP	Pn	12 10 36.8	-1.1
GRR	comp=Z,14nm,0.9s					
GRR	Gorron	17.88 307	eP	Pn	12 10 36.8	-1.1
GRR	comp=Z,28nm,0.9s					
GRR	Gorron	17.88 307	eP	Pn	12 10 36.8	-1.1
GRR	comp=Z,14nm,0.9s					
MSL	Mosul	17.94 93	eP	x	12 10 47.5	
VRHR	Novokhopersk	18.70 45	eP	Pn	12 10 49.8	+1.9
VRHR	comp=Z,5.0nm,0.3s					
VRHR	Novokhopersk	18.70 45	eP	Pn	12 10 49.8	+1.9
VRHR	comp=E,3.0nm,0.3s					
VRHR	Novokhopersk	18.70 45	eP	Pn	12 10 49.8	+1.9
VRHR	comp=E,10.0nm,0.4s					
OBN	Obninsk	18.95 291	eP	Pn	12 10 48.9	-1.9
OBN	comp=Z,76nm,1.5s					
OBN	Obninsk	18.95 291	eP	Pn	12 10 48.9	-1.9
ESDC	Sonsec Array	19.02 279	P	Pn	12 10 51.5	-0.3
ESLA	comp=Z,0.9nm,0.3s,baz=72,slow=11,SNR=21					
ESLA	Sonsec Array	19.02 279	ePn	Pn	12 10 51.9	+0.1
ESLA	Sonsec Array	19.02 279	ePn	Pn	12 10 51.9	+0.1
QUIF	Quistinic	19.18 304	eP	Pn	12 10 51.0	-2.7
QUIF	comp=Z,75nm,1.6s					
QUIF	Quistinic	19.18 304	eP	Pn	12 10 51.0	-2.7
QUIF	comp=Z,75nm,1.6s					
QUIF	Quistinic	19.18 304	eP	Pn	12 10 51.0	-2.7
PAB	San Pablo	19.33 278	eP	Pn	12 10 56.3	+0.8
PAB	comp=Z,29nm,1.1s					
PAB	San Pablo	19.33 278	eP	Pn	12 10 56.3	+0.8
PAB	comp=Z,29nm,1.1s					
PAB	San Pablo	19.33 278	eP	Pn	12 10 56.3	+0.8
VSU	Vasula	19.43 101	eP	Pn	12 10 54.5	-2.1
MOS	Moscow	19.81 29	eP	Pn	12 11 00.1	-1.1
MOS	comp=Z,106nm,1.1s					
MOS	Moscow	19.81 29	eP	Pn	12 11 00.1	-1.1
MOS	comp=Z,106nm,1.1s					
MOS	Moscow	19.81 29	eP	Pn	12 11 00.1	-1.1
BHD	Baghdad	20.01 101	eP	x	12 11 06.0	
PBRG	Braganza	20.94 285	eP	P	12 11 12.7	+0.7
HFS	Hagfors	21.18 350	P	LR	12 11 13.2	-1.2
HFS	comp=Z,9.1nm,0.5s,mb4.3,baz=163,slow=11,SNR=30					
HFS	Hagfors	21.18 350	P	LR	12 11 13.2	-1.2
HFS	comp=Z,9.1nm,0.5s,mb4.3,baz=163,slow=11,SNR=30					
MVO	Moncorvo	21.20 284	eP	P	12 11 15.3	+0.5
MVO	comp=Z,27nm,20.5s,MS3.9,baz=181,slow=40					
MVO	Moncorvo	21.20 284	eP	P	12 11 15.3	+0.5
PVIS	Viseu	21.89 283	eP	P	12 11 21.8	-0.4
FINES	FINES Array B	22.28 7	P	Pn	12 11 24.3	-1.9
FINES	comp=Z,24nm,1.5s,mb4.8					
FINES	FINES Array B	22.28 7	P	Pn	12 11 24.3	-1.9
FINES	comp=Z,24nm,1.5s,mb4.8					
FINES	FINES Array B	22.28 7	P	Pn	12 11 24.2	-2.0
FINES	comp=Z,5.0nm,0.5s,mb4.2,baz=177,slow=9.6,SNR=19					
FINES	FINES Array B	22.28 7	P	Pn	12 11 24.2	-2.0
FINES	comp=Z,5.0nm,0.5s,mb4.2,baz=177,slow=9.6,SNR=19					
FI01	FINES Array S	22.28 7	P	Pn	12 11 24.7	-1.5
FI01	comp=Z,262nm,18.5s,MS3.7,slow=38					
FI01	FINES Array S	22.28 7	P	Pn	12 11 24.7	-1.5
FI01	comp=Z,262nm,18.5s,MS3.7,slow=38					
NAO1	NORSAR Array S	22.31 277	ePn	P	12 11 27.0	+0.2
EVO	Evora	22.31 277	eP	P	12 11 27.0	+0.2
EVO	comp=Z,266nm,1.0s,mb4.3					
EVO	Evora	22.31 277	eP	P	12 11 27.0	+0.2
EVO	comp=Z,266nm,1.0s,mb4.3					
PVAQ	Vaqueiros	22.33 274	eP	P	12 11 27.5	+0.5
PVAQ	comp=Z,246nm,22.0s,MS3.3					
PVAQ	Vaqueiros	22.33 274	eP	P	12 11 27.5	+0.5
PVAQ	comp=Z,246nm,22.0s,MS3.3					
EVOP	Sao Brissos	22.40 277	eP	P	12 11 27.0	-0.7
EVOP	comp=Z,45nm,1.4s,mb4.7					
EVOP	Sao Brissos	22.40 277	eP	P	12 11 27.0	-0.7
EVOP	comp=Z,45nm,1.4s,mb4.7					
NB2	NORSAR Subarra	22.42 348	P	P	12 11 25.9	-1.8
NB2	comp=Z,13nm,0.8s,mb4.5,baz=158,slow=11					
NB2	NORSAR Subarra	22.42 348	P	P	12 11 25.9	-1.8
NB2	comp=Z,13nm,0.8s,mb4.5,baz=158,slow=11					
NOA	NORSAR Array B	22.42 348	P	P	12 11 26.4	-1.3
NOA	comp=Z,13nm,0.9s,mb4.4,baz=158,slow=9.3,SNR=21					
NOA	NORSAR Array B	22.42 348	P	P	12 11 26.4	-1.3
NOA	comp=Z,13nm,0.9s,mb4.4,baz=158,slow=9.3,SNR=21					
EKA	Eskaalemir Ar	22.50 323	P	Pn	12 11 28.1	-0.5
EKA	comp=Z,387nm,21.4s,MS3.8,baz=170,slow=38					
EKA	Eskaalemir Ar	22.50 323	P	Pn	12 11 28.1	-0.5
EKA	comp=Z,387nm,21.4s,MS3.8,baz=170,slow=38					
EKA	Eskaalemir Ar	22.50 323	P	Pn	12 11 28.1	-0.5
EKA	comp=Z,387nm,21.4s,MS3.8,baz=170,slow=38					
ESK	Eskaalemir	22.51 323	eP	Pn	12 11 28.3	-0.5
ESK	comp=Z,13nm,0.8s,mb4.4,baz=122,slow=8.1,SNR=22					
ESK	Eskaalemir	22.51 323	eP	Pn	12 11 28.3	-0.5
ESK	comp=Z,13nm,0.8s,mb4.4,baz=122,slow=8.1,SNR=22					
ESK	Eskaalemir	22.51 323	eP	Pn	12 11 28.3	-0.5
ESK	comp=Z,13nm,0.8s,mb4.4,baz=122,slow=8.1,SNR=22					
ESK	Eskaalemir	22.51 323	eP	Pn	12 11 28.3	-0.5
ESK	comp=Z,13nm,0.8s,mb4.4,baz=122,slow=8.1,SNR=22					
KAF	Kangasniemi	22.96 7	eP	P	12 11 31.0	-2.4
KAF	comp=Z,15nm,0.6s,mb4.6,baz=188,slow=11					
KAF	Kangasniemi	22.96 7	eP	P	12 11 31.0	-2.4
KAF	comp=Z,15nm,0.6s,mb4.6,baz=188,slow=11					
KAF	Kangasniemi	22.96 7	eP	P	12 11 31.0	-2.4
KAF	comp=Z,15nm,0.6s,mb4.6,baz=188,slow=11					
PTEO	Sao Teotonio	23.07 275	eP	P	12 11 34.3	-0.6
PTEO	comp=Z,15nm,0.6s,mb4.6					
PTEO	Sao Teotonio	23.07 275	eP	P	12 11 34.3	-0.6
PTEO	comp=Z,15nm,0.6s,mb4.6					
MIB	Mutribah	23.86 106	eP	P	12 11 41.2	-1.6
MIB	comp=Z,41nm,0.8s,mb4.9					
MIB	Mutribah	23.86 106	eP	P	12 11 41.2	-1.6
MIB	comp=Z,41nm,0.8s,mb4.9					
MIB	Mutribah	23.86 106	eP	P	12 11 41.2	-1.6
MIB	comp=Z,41nm,0.8s,mb4.9					
NAY	Al-Naieam	24.07 107	eP	P	12 11 43.1	-1.6
NAY	comp=Z,7.4nm,0.8s,mb4.2					
NAY	Al-Naieam	24.07 107	eP	P	12 11 43.1	-1.6
NAY	comp=Z,7.4nm,0.8s,mb4.2					
NAY	Al-Naieam	24.07 107	eP	P	12 11 43.1	-1.6
NAY	comp=Z,7.4nm,0.8s,mb4.2					
JOF	Joensuu	24.37 12	eP	P	12 11 44.5	-2.6
JOF	comp=Z,23nm,1.0s,mb4.6					
JOF	Joensuu	24.37 12	eP	P	12 11 44.5	-2.6
JOF	comp=Z,23nm,1.0s,mb4.6					
JOF	Joensuu	24.37 12	eP	P	12 11 44.5	-2.6
JOF	comp=Z,23nm,1.0s,mb4.6					
KBD	Kabd	24.45 106	eP	P	12 11 46.1	-2.0
KBD	comp=Z,148nm,1.8s,mb5.1					
KBD	Kabd	24.45 106	eP	P	12 11 46.1	-2.0
KBD	comp=Z,148nm,1.8s,mb5.1					
KBD	Kabd	24.45 106	eP	P	12 11 46.1	-2.0
KBD	comp=Z,148nm,1.8s,mb5.1					
QRN	Al-Qurain	24.84 107	eP	P	12 11 49.5	-2.2
QRN	comp=Z,7.2nm,1.4s,mb5.0					
QRN	Al-Qurain	24.84 107	eP	P	12 11 49.5	-2.2
QRN	comp=Z,7.2nm,1.4s,mb5.0					
QRN	Al-Qurain	24.84 107	eP	P	12 11 49.5	-2.2
QRN	comp=Z,7.2nm,1.4s,mb5.0					
AKTK	Aktyubinsk	28.32 55	P	P	12 12 22.1	-0.8
AKTK	comp=Z,2.6nm,0.8s,mb4.3					
AKTK	Aktyubinsk	28.32 55	P	P	12 12 22.1	-0.8
AKTK	comp=Z,2.6nm,0.8s,mb4.3					
AKTK	Aktyubinsk	28.32 55	P	P	12 12 22.1	-0.8
AKTK	comp=Z,2.6nm,0.8s,mb4.3					
AKTO	Aktyubinsk	28.32 55	P	P	12 12 22.1	-0.8
AKTO	comp=Z,2.6nm,0.8s,mb4.3					
AKTO	Aktyubinsk	28.32 55	P	P	12 12 22.1	-0.8
AKTO	comp=Z,2.6nm,0.8s,mb4.3					
AKTO	Aktyubinsk	28.32 55	P	P	12 12 22.1	-0.8
AKTO	comp=Z,2.6nm,0.8s,mb4.3					

APA	Apacity	29.05 101	eP	P	12 12 23.0	-6.2
APA	comp=Z,259nm,18.6s,MS3.9,baz=290,slow=41					
APA	Apacity	29.05 101	eP	P	12 12 23.0	-6.2
APA	comp=Z,259nm,18.6s,MS3.9,baz=290,slow=41					
ARU	Arti	30.03 43	eP	P	12 12 36.9	-1.1
ARU	comp=Z,8.0nm,0.8s,mb4.5					
ARU	Arti	30.03 43	eP	P	12 12 36.9	-1.1
ARU	comp=Z,8.0nm,0.8s,mb4.5					
ARU	Arti	30.03 43	eP	P	12 12 36.8	-1.2
ARU	comp=Z,7.5nm,0.6s,mb4.6					
ARU	Arti	30.03 43	eP	P	12 12 36.8	-1.2
ARU	comp=Z,7.5nm,0.6s,mb4.6					
ARCES	ARCES Array B	30.27 3	P	P	12 12 37.5	-2.5
ARCES	comp=Z,4.0nm,0.8s					
ARCES	ARCES Array B	30.27 3	P	P	12 12 37.5	-2.5
ARCES	comp=Z,4.0nm,0.8s					
ARCES	ARCES Array B	30.27 3	P	P	12 12 37.5	-2.5
ARCES	comp=Z,4.0nm,0.8s					
ARCES	ARCES Array B	30.27 3	P	P	12 12 37.5	-2.5
ARCES	comp=Z,4.0nm,0.8s					
KEV	Kevo	30.57 4	eP	P	12 12 40.9	-1.7
KEV	comp=Z,4.2nm,0.8s,mb4.2,baz=178,slow=7.2,SNR=13					
KEV	Kevo	30.57 4	eP	P	12 12 40.9	-1.7
KEV	comp=Z,4.2nm,0.8s,mb4.2,baz=178,slow=7.2,SNR=13					
KEV	Kevo	30.57 4	eP	P	12 12 40.9	-1.7
KEV	comp=Z,4.2nm,0.8s,mb4.2,baz=178,slow=7.2,SNR=13					
TOAO	Torodi Ar. Sit	31.11 218	eP	P	12 12 47.2	-0.7
TOAO	comp=Z,28nm,0.9s,mb5.1					
TOAO	Torodi Ar. Sit	31.11 218	eP	P	12 12 47.2	-0.7
TOAO	comp=Z,28nm,0.9s,mb5.1					
TORD	Torodi Ar. Bea	31.11 218	eP	P	12 12 47.1	-0.7
TORD	comp=Z,18nm,1.1s,mb4.7					
TORD	Torodi Ar. Bea	31.11 218	eP	P	12 12 47.1	-0.7
TORD	comp=Z,18nm,1.1s,mb4.7					
BRVK	Borovyoe	36.14 51	eP	P	12 13 30.9	-0.4
BRVK	comp=Z,2.4nm,1.1s,mb5.0					
BRVK	Borovyoe	36.14 51	eP	P	12 13 30.9	-0.4





Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PET Petropavlovsk, ASAJ Asahikawa, etc.

ISCJB 02 14:01:17.6-0.7, 4275N-006.252W, 05h10km, Error ellipse: s-maj=9.4km s-min=2.0km az=168.1

NEIC 02 14:01:17.4-1.1, 4264N-251W, h2km, ML3.2(STR), After STR. STR 02 14:01:17.4-1.1, 4264N-251W, h2km, ML3.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

CSEM 02 14:01:19.2-0.2, 4274N-250W, h8km, mb3.6/1, Error ellipse: s-maj=5.2km s-min=3.1km az=175.0

ISC 02 14:01:18.4-0.7, 4273N-006.253W, 05h10km, n30, r122/45, Spain

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECRI Cripian, EARA Aranguren, ELAN Lanestosa, etc.

ISCJB 02 14:28:43.0-0.5, 3947N-003.2073E, 007, h2km, Error ellipse: s-maj=8.2km s-min=3.8km az=7.3

CSEM 02 14:28:43.0-0.1, 3949N-2070E, h2km, MD3.6, Error ellipse: s-maj=3.0km s-min=1.9km az=109.0

NEIC 02 14:28:43.6, 3949N-2070E, h5km, MD3.6(ATH), After ATH. ATH 02 14:28:43.6, 3949N-2070E, h5km, MD3.6/8

THE 02 14:28:44.5, 3946N-2076E, h3km, ML3.6

ISC 02 14:28:44.1-0.6, 3948N-003.2076E, 008, h4km, 8km, n40, r052/45, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAN Janina, MEV Metsovon, LKD Levkas, etc.

NEIC 02 14:40:02.2, 3504N-389W, h1km, MG3.5(MDD), After MDD. CSEM 02 14:40:02.3-0.2, 3504N-375W, h12km, ML3.3/2, Error ellipse: s-maj=5.1km s-min=3.8km az=109.0

INMG 02 14:40:03.1-1.4, 3504N-386W, h13km, 12km, ML2.6, Error ellipse: s-maj=10.1km s-min=5.6km az=144.0

ISCJB 02 14:40:03.2-0.4, 3511N-002.387W, 003, h26km, 3km, Error ellipse: s-maj=3.9km s-min=2.8km az=19.0

MDD 02 14:40:03.7-0.1, 3505N-373W, h0km, mb3.5/1, Error ellipse: s-maj=1.4km s-min=1.3km az=32.0

CNRM 02 14:40:04.3, 3501N-383W, h0km, MD3.5

ISC 02 14:40:03.5-0.4, 3510N-002.383W, 02, h19km, 2km, n62, r102/110, 1D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOU Touzarine, EMEL Melilla, EMLI Melilla, etc.

ISCJB 02 15:02:15.2-1.1, 3095S-004.17779W, 008, h43km, 10km, mb4.9/27, MS4.2/13, Error ellipse: s-maj=12.2km s-min=5.2km az=22.0

MOS 02 15:02:15.1-1.2, 3039S-17784W, h33km, mb5.1/8, Error ellipse: s-maj=22.1km s-min=14.8km az=176.3

NEIC 02 15:02:21.1-2.8, 3102S-17787W, h91km, 24km, mb5.0/6, Error ellipse: s-maj=27.3km s-min=18.7km az=214.0

BUI 02 15:02:21.0, 3174S-17804W, h103km, mb5.3, mb5.0

ISC 02 15:02:15.4-1.5, 3082S-003.17781W, 007, h26km, 11km, n178, r1943/120, mb4.9/27, MS4.2/13, 1C-3D, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, PUZ Puketiti, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EADA Adamuz, EADA Adamuz, KIB El Kisiba, etc.

IDC 02 14:44:45.3-61.0, 167N-9581E, h0km, mb3.8/3, mb1.3/8/3, mb1mx3.5/1n, mbtmt3.8/3, Error ellipse: s-maj=117.0km s-min=156.4km az=177.0, Off west coast of northern Sumatra

ISCJB 02 14:53:19.1-1.0, 2071N-12003E, h0km, mb3.7/6, mb1.3/9/6, mb1mx3.8/17, mbtmt3.7/6, Error ellipse: s-maj=72.3km s-min=19.6km az=65.0

ISCJB 02 14:53:22.2-0.8, 2061N-02.1199E, 04, h33km, mb3.7/6, Error ellipse: s-maj=57.6km s-min=13.2km az=149.3

ISC 02 14:53:24.3-0.8, 207N-02.1200E, 04, h35km, n7, r0955/7, mb3.7/6, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGCP Mt. Cagua, SONM Songoing Array, etc.

ISCJB 02 15:02:15.2-1.1, 3095S-004.17779W, 008, h43km, 10km, mb4.9/27, MS4.2/13, Error ellipse: s-maj=12.2km s-min=5.2km az=22.0

MOS 02 15:02:15.1-1.2, 3039S-17784W, h33km, mb5.1/8, Error ellipse: s-maj=22.1km s-min=14.8km az=176.3

NEIC 02 15:02:21.1-2.8, 3102S-17787W, h91km, 24km, mb5.0/6, Error ellipse: s-maj=27.3km s-min=18.7km az=214.0

BUI 02 15:02:21.0, 3174S-17804W, h103km, mb5.3, mb5.0

ISC 02 15:02:15.4-1.5, 3082S-003.17781W, 007, h26km, 11km, n178, r1943/120, mb4.9/27, MS4.2/13, 1C-3D, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, PUZ Puketiti, etc.

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

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like TIWZ, MRZ, MRW, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like KLR, GYA, TXAR, etc.

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

NEIC 02 15:04:29.7, 2722S.6952W, h103km, MD3.5(GUC), After GUC

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

JMA 02 15:17:20.6, 0.2, 439N.14763E, h20km, M3.7, Kuril Islands

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like NEM2, JRM, etc.

ISCJB 02 15:20:34.6, 0.2, 3517N.0014, 408W.002, h10km, mb3.8/2, Error ellipse: s-maj=2.2km s-min=2.0km az=179.3

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

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

2d 15h

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

2007 FEB

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

40

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KUR, NEM2, JNK, etc.

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

IDC 02 15:42:06.5, 2.0, 4630N, 153.26E, h0km, mb3.6/5, mb1.3/8.6, mb1mx3.6/20, mbtmp3.7/6, ML3.2/1, Error



Table with columns: SVTA, Shvita, 5.36 175, Pn, Pn, 15 47 37.1 +1.2, etc.

CASC 02:15:57.02:0.6.3, 1205N-8467W, h26km, 34km, MD3.7, ML3.4, 9C-2D, Nicaragua

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

IDC 02:16:02:31.4:0.5, 2097N-14479E, h104km, 57km, mb3.8/10, mb1.3/9.1, mb1mx3.8/20, mbtms3.7/11, MS3.0/2, Ms1.3/0.2, ms1mx2.5/31, Error ellipse: s-maj=31.9km s-min=19.2km az=83.0, Mariana Islands

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

IDC 02:16:25:59.9:1.1, 104N-12634E, h0km, mb3.8/5, mb1.3/9.5, mb1mx3.8/14, mbtms3.8/5, Error ellipse: s-maj=139.9km s-min=20.1km az=67.0

NEIC 02:16:26:01.9:0.5, 095N-12614E, h10km, mb4.3/3, Error ellipse: s-maj=63.0km s-min=8.0km az=66.0

ISCJB 02:16:26:05.6:5.1, 0N.03-1263E.08, h57km, 66km, mb4.0/3, Error ellipse: s-maj=140.9km s-min=21.3km az=158.4

ISC 02:16:26:07.5:5.5, 10N.03-1264E.08, h56km, 58km, n10, n050/10, mb4.0/8, Northern Molucca Sea

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

ISCJB 02:16:28:20.8:0.8, 1313N-008-8971W, h06, h72km, 8km, mb4.3/22, Error ellipse: s-maj=15.2km s-min=5.7km az=36.2

IDC 02:16:28:21.0:1.7, 1339N-8942W, h46km, 16km, mb4.1/8, mb1.4/3.0, mb1mx4.1/18, mbtms4.1/10, ML3.8/2, MS3.1/3, Ms1.3/1.3, ms1mx2.8/26, Error ellipse: s-maj=30.3km s-min=10.8km az=41.0

CASC 02:16:28:22.2:10.0, 1510N-8773W, h20km, 304km, MD4.3, ML3.3, mb4.4(NEIC)

NEIC 02:16:28:27.1:1.6, 1347N-8939W, h104km, 13km, mb4.4/20, Error ellipse: s-maj=18.0km s-min=9.1km az=49.0

BUI 02:16:28:27.1, 1350N-8940W, h103km, mb5.0

ISC 02:16:28:29.0:0.7, 1323N-8903E, h963W, 006, h71km, 7km, n77, n122/61, mb4.3/12, 9C-1D, El Salvador

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

Table with columns: VSM, San Miguel, 1.33 81u, eP, x, 16 29 01.9, etc.

TICN, TICN, Ticutanepe, 3.52 109, eP, Pn, 16 29 15.1 -0.1

JTS, JuntasAbangare, 4.53 122, ePn, Pn, 16 29 39.4 -1.9

JTS, JuntasAbangare, 5.43 122, ePn, Pn, 16 29 40.0 -1.3

JTS, JuntasAbangare, 5.43 122, ePn, Pn, 16 29 40.0 -1.3

JCR, Jicaral, 5.55 122, eP, Pn, 16 29 41.4 -1.7

CGA2, Cerro Gallo 2, 9.98 127, eP, Pn, 16 29 50.6 +1.8

PRSI, Puriscal, 6.12 121, eP, Pn, 16 29 51.0 +0.2

LAJ, Lajitas, 6.35 121, eP, Pn, 16 29 50.3 -3.6

CMIG, Matias Romero, 6.37 308, i, Pn, 16 29 51.3 -2.8

CMIG, Matias Romero, 6.37 308, i, Pn, 16 29 51.3 -2.8

TEIG, Tepich, 7.08 10, P, Pn, 16 30 06.8 +2.9

TEIG, Tepich, 7.08 10, P, Pn, 16 30 06.8 +2.9

TEIG, Tepich, 7.08 10, P, Pn, 16 30 06.8 +2.9

MIAR, Mount Ida, 21.52 351, eP, P, 16 33 08.4 +2.2

WWT, Wadsworth, 22.86 4, eP, P, 16 33 21.2 +0.9

WMOK, Wichita Mouta, 22.96 340, eP, P, 16 33 19.5 -1.9

ATAH, Atahualpa, 22.99 150, LR, LR, 16 41 31.4

SIUC, Southern Hill, 24.39 1, P, P, 16 33 35.3 +0.8

BNM, Barren Site, 25.93 326, eP, P, 16 33 49.1 +0.6

AGMM, Agassiz Refugio, 35.34 353, eP, P, 16 35 10.7 -0.7

NVAR, Mina Array Bea, 35.73 320, P, P, 16 35 16.9 +2.0

NVAR, Mina Array Bea, 35.73 320, P, P, 16 35 16.9 +2.0

LPAZ, La Paz, 36.22 143, eP, P, 16 35 26.4 +7.2

CMB, Columbia Colle, 36.84 318, eP, P, 16 35 25.6 +1.3

HLD, Hailey, 36.98 330, eP, P, 16 35 28.1 +2.6

ULM, Lac du Bonnet, 37.27 353, P, P, 16 35 26.1 -1.7

SIV, San Ignacio, 40.0 135, P, P, 16 35 54.8 -0.4

SCHO, Schefferville, 45.18 18, eP, P, 16 36 31.8 -0.7

SCHO, Schefferville, 45.18 18, eP, P, 16 36 31.8 -0.7

FCC, Fort Churchill, 45.57 357, eP, P, 16 36 34.6 -0.7

YKA, Yellowknife Ar, 52.32 346, P, P, 16 37 26.5 -0.6

DLBC, Desase Lake, 54.31 335, eP, P, 16 37 42.3 +0.5

RES, Resolute Bay, 61.52 358, eP, P, 16 38 30.7 -1.3

INK, Inuvik, 61.84 343, eP, P, 16 38 33.6 -0.6

BORG, Borgarnes, 68.21 25, P, P, 16 39 16.8 -3.1

HLW 02:16:46:35.1, 3368N-3086E, h33km, Mb3.2

ISC 02:16:46:21.8:1.3, 3457N.010:311E.01, h10km, n15, n083/17, Cyprus region

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

BUI 02:16:57:27.1, 5320N-15892E, h137km, mb4.7, mb4.6

ISCJB 02:16:57:28.9:0.2, 5314N.002:15858E.003, h130km, 1km, mb4.5/105, Error ellipse: s-maj=4.2km s-min=2.8km az=158.4

MOS 02:16:57:28.3:1.0, 5314N-15862E, h125km, mb4.5/58, Error ellipse: s-maj=9.6km s-min=4.8km az=90.0

NEIC 02:16:57:29.0:0.5, 5319N-15858E, h119km, 4km, mb4.6/66, Error ellipse: s-maj=6.0km s-min=3.7km az=170.0

KRSC 02:16:57:29.1:1.0, 5308N-15894E, h122km, 31km, ML4.7, IDC 02:16:57:29.2:2.7, 5332N-15849E, h114km, 25km, mb4.2/21, mb1.4/2.22, mb1mx4.4/24, mbtms4.2/22, MS2.9/1, Ms1.2/9.1, ms1mx2.5/31, Error ellipse: s-maj=16.8km s-min=10.1km az=154.0

ISC 02:16:57:30.3:0.2, 5317N.002:15851E.003, h125km, 1km, h129km, 1.6km, pp-P, n496, n076/515, mb4.6/105, 85C-93D, Near east coast of Kamchatka Peninsula

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

ALID, Alaid, 2.94 220, eP, Pn, 16 58 16.6 +0.8

KPT, Kopyto, 2.98 19, iP, Pn, 16 58 16.9 +0.6

KOZ, Kozzyreysk, 3.01 15, eP, Pn, 16 58 17.7 +1.0

KOZ, Kozzyreysk, 3.01 15, eP, Pn, 16 58 17.7 +1.0

KOZ, Kozzyreysk, 3.01 15, eP, Pn, 16 58 17.7 +1.0

KOZ, Kozzyreysk, 3.01 15, eP, Pn, 16 58 17.7 +1.0

ZLN, Zelenaya, 3.15 24, eP, Pn, 16 58 20.1 +1.5

CRR, Chirchik, 3.23 23, eP, Pn, 16 58 20.9 +1.3

SRDR, Sredinnyy, 3.24 12, eP, Pn, 16 58 20.3 +0.6

SRDR, Sredinnyy, 3.24 12, eP, Pn, 16 58 20.3 +0.6

KRSR, Krestovskiy, 3.28 20, eP, Pn, 16 58 20.6 +0.3

KLY, Klyuchiy, 3.39 21, eP, Pn, 16 58 22.8 +1.1

BDR, Baidarinka, 3.75 23, eP, Pn, 16 58 27.6 +1.1

SRKR, Sorokina, 3.82 23, iP, Pn, 16 58 28.3 +0.9

SMKR, Smkarok, 3.83 25, eP, Pn, 16 58 27.8 +0.3

KBTR, Kutuberegovo, 3.94 38, eP, Pn, 16 58 27.8 -1.2

MA2, Magadan, 7.72 329, eP, Pn, 16 59 10.2 -4.4

MA2, Magadan, 7.72 329, eP, Pn, 16 59 10.2 -4.4

SEY, Seymchan, 10.81 344, iP, Pn, 16 59 55.2 +0.6

YSS, Yuzh-Sakhalins, 11.87 245, eP, Pn, 17 00 18.0 +2.6

YSS, Yuzh-Sakhalins, 11.87 245, eP, Pn, 17 00 18.0 +2.6

Table with columns: Station, Name, Time, Power, Modulation, Frequency, and other parameters. Includes stations like Matsushiro Arr, Matsushiro Arr, Tiksi, etc.

Table with columns: Station, Name, Time, Power, Modulation, Frequency, and other parameters. Includes stations like GYA, GYA, GYA, etc.

Table with columns: Station, Name, Time, Power, Modulation, Frequency, and other parameters. Includes stations like ARU, ARU, ARU, etc.

009A	Fish Creek Ran	56.03	67	↑P	P	17 06 56.4 +0.8
S06C	San Francisco	56.12	71	P	P	17 06 56.6 +0.3
HAST	UC Hastings Re	56.19	73	↓P	P	17 06 56.6 -0.2
R07C	Lee Vining	56.43	70	↑P	P	17 06 59.5 +1.0
L13A	Double Diamond	56.47	63	P	P	17 06 60.0 +1.2
Q08A	Gabbs	56.62	66	P	P	17 06 59.7 +0.6
K14A	Jones Ranch, D	56.57	62	P	P	17 07 00.5 +1.0
NVAR	Minia Array Bea	56.61	69	P	P	17 07 00.3 +0.5
LKWY	Lake	56.62	59	eP	P	17 07 01.1 +1.3
LKWY	Lake	56.62	59	eP	P	17 07 01.1 +1.3
N12A	Clover Valley,	56.74	65	↓P	P	17 07 01.7 +1.0
R08A	Minia	56.78	69	↓P	P	17 07 01.6 +0.6
IMW	Indian Meadow	56.81	60	eP	P	17 07 01.7 +0.6
P10A	Eureka	56.81	67	↑P	P	17 07 01.4 +0.2
KCC	Kaiser Creek	56.81	71	↑P	P	17 07 01.7 +0.5
O11A	Cowboy Ranch,	56.90	66	↓P	P	17 07 02.3 +0.5
JOF	Joensuu	57.09	334	eP	P	17 07 01.4 -1.4
JOF	Joensuu	57.09	334	eP	P	17 07 01.4 -1.4
N13A	Wendover, West	57.19	64	↑P	P	17 07 04.0 +0.1
REDW	Red Top Meadow	57.23	60	eP	P	17 07 04.0 0.0
TAPN	Tablejurg	57.25	273	eP	P	17 07 04.3 -0.1
P11A	Circle Ranch,	57.25	66	↑P	P	17 07 05.1 +0.8
O12A	Currie	57.30	65	P	P	17 07 04.9 +0.3
S08C	White Mtn Res	57.34	70	↓P	P	17 07 05.3 +0.4
HELL	Mitchell Peak,	57.43	71	P	P	17 07 05.4 -0.2
R09A	Tonopah	57.44	68	P	P	17 07 05.8 +0.2
TPH	Tonopah	57.47	69	P	P	17 07 05.6 -0.2
TIN	Tinemaha	57.62	70	↓P	P	17 07 07.6 +0.7
S09A	Goldfield	57.71	69	P	P	17 07 07.9 +0.3
P12A	McGill	57.77	66	↓P	P	17 07 08.2 +0.2
ODAN	Odare	57.80	273	eP	P	17 07 08.6 +0.3
Q11A	Duckwater	57.80	67	↓P	P	17 07 08.4 +0.2
R10A	Warm Springs	57.83	68	↓P	P	17 07 08.8 +0.4
SMMC	Simmler	57.84	73	P	P	17 07 09.0 +0.5
S10A	Tonopah Range,	57.93	68	↓P	P	17 07 09.3 +0.3
JIRN	Jiri	57.93	274	eP	P	17 07 09.1 -0.1
GUN	Gumba	57.94	275	eP	P	17 07 08.8 -0.5
HWUT	Hardware Ranch,	58.08	62	eP	P	17 07 10.0 0.0
Q12A	Willow Creek R	58.12	66	↑P	P	17 07 10.6 +0.2
CWC	Cottonwood Cre	58.14	71	↑P	P	17 07 11.0 +0.5
GRAC	Grapevine Rang	58.14	70	P	P	17 07 11.3 +0.7
KKM	Kota Kinabalu	58.23	232	P	P	17 07 12.2 +0.8
KKN	Kakani	58.28	275	eP	P	17 07 12.1 -0.3
DUG	Dugway	58.41	64	eP	P	17 07 11.4 -0.9
DUG	Dugway	58.41	64	eP	P	17 07 11.4 -0.9
DUG	Dugway	58.41	64	↓P	P	17 07 12.6 +0.2
ISA	Isabella	58.47	72	↑P	P	17 07 12.6 -0.3
PKI	Pulchoki	58.47	275	eP	P	17 07 12.8 -0.2
S11A	Rachel	58.60	68	↑P	P	17 07 13.9 +0.2
GKN	Gorkha	58.61	276	eP	P	17 07 13.1 -0.9
DMN	Daman	58.62	275	eP	P	17 07 13.4 -0.6
MPMC	Manuel Prospec	58.74	71	↑P	P	17 07 14.9 +0.2
R12A	Pony Springs	58.75	67	P	P	17 07 15.0 +0.3
FURC	Furnace Creek,	58.81	70	↑P	P	17 07 15.5 +0.3
NLU	North Lily Min	58.98	64	eP	P	17 07 16.4 +0.1
DAU	Daniels Canyon	59.09	63	eP	P	17 07 17.8 +0.8
EDW2	Edwards Air Fo	59.30	72	↓P	P	17 07 18.6 0.0
KOLN	Koldanda	59.41	276	eP	P	17 07 18.4 -1.0
ULM	Lac du Bonnet	59.46	46	eP	P	17 07 18.8 -0.6
ULM	Lac du Bonnet	59.46	46	eP	P	17 07 18.9 -0.6
FIA1	FINESS Array S	59.67	336	eP	P	17 07 19.7 -1.0
FINES	FINESS Array B	59.67	336	eP	P	17 07 20.2 -0.5
FINES	FINESS Array B	59.67	336	eP	P	17 07 20.1 -0.6
ARUT	Antelope Range	59.78	66	eP	P	17 07 20.5 -1.3
TMUT	Trail Mountain	59.91	64	eP	P	17 07 22.9 +0.1
BFSC	Mount Baldy St	59.95	72	↓P	P	17 07 23.0 -0.1
V11A	Goodsprings	60.07	69	↓P	P	17 07 23.5 -0.4
T13A	Saint George	60.07	67	↓P	P	17 07 23.7 -0.1
TUQ	Turquoise Mtn.	60.08	70	↓P	P	17 07 24.3 +0.3
HEC	Hector,Ludlow	60.28	71	↓P	P	17 07 25.7 +0.4
SRU	San Rafael	60.42	63	eP	P	17 07 26.2 0.0
SRU	San Rafael	60.42	63	eP	P	17 07 26.2 0.0
V12A	Nelson	60.47	69	↑P	P	17 07 27.0 +0.4
T14A	Hurricane	60.49	67	↓P	P	17 07 27.2 +0.5
MURC	Murrieta	60.68	72	↑P	P	17 07 28.0 0.0
GMRC	Granite Mouna	60.70	70	↓P	P	17 07 28.4 +0.2
AGMN	Agassiz Refuge	60.92	47	eP	P	17 07 27.7 -1.8
BELC	Belle Mtn.	61.07	71	↑P	P	17 07 30.6 0.0
IRM	Iron Mountain	61.44	70	↓P	P	17 07 33.4 +0.2
W13A	Hualapai Mount	61.47	69	↑P	P	17 07 33.6 +0.2
BC3	Big Chuckw Mtn	61.63	71	↓P	P	17 07 34.3 -0.2
PV10	Paradox Valley	61.75	63	P	P	17 07 35.4 +0.3
W14A	Seligman	61.84	68	P	P	17 07 35.6 +0.6
X13A	Yucca	61.87	69	P	P	17 07 36.0 0.0
PDMCI	Parker Dam,Lak	61.91	70	↑P	P	17 07 36.4 +0.1
OBN	Obninsk	61.93	326	eP	P	17 07 35.8 -0.3
OBN	Obninsk	61.93	326	eP	P	17 07 35.8 -0.3

Y12C	Blythe	62.09	70	↓P	P	17 07 37.8 +0.2
PV01	Paradox Valley	62.17	63	eP	P	17 07 37.7 -0.3
W15A	Williams	62.32	68	↓P	P	17 07 40.1 +1.1
Y13A	Salome	62.44	70	↓P	P	17 07 40.1 +0.3
X14A	Yava	62.49	69	↓P	P	17 07 40.8 +0.6
WUAZ	Wuzakki	62.56	67	↓P	P	17 07 41.0 +0.4
Y14A	Wickenburg	62.81	69	↓P	P	17 07 42.6 +0.3
X15A	Humboldt	62.84	68	P	P	17 07 43.5 +1.0
MVCO	Mesa Verde	62.89	64	↓P	P	17 07 43.4 +0.6
NB2	NORSAR Subarra	63.20	343	P	P	17 07 43.8 -0.6
NOA	NORSAR Array B	63.20	343	P	P	17 07 44.0 -0.4
NOA	NORSAR Array B	63.20	343	P	P	17 07 44.0 -0.5
Z14A	Wintersburg	63.27	70	↑P	P	17 07 45.9 +0.6
ECSD	EROS,Stious Fal	64.03	51	eP	P	17 07 48.9 -1.2
115A	Sonoran Desert	64.16	70	↑P	P	17 07 52.1 +0.9
ANMO	Albuquerque	65.67	64	P	P	17 08 00.2 -0.7
ANMO	Albuquerque	65.67	64	P	P	17 08 00.2 -0.8
SCHO	Schefferville	66.02	27	P	P	17 08 02.0 -0.9
Y22C	IRIS PASCALL I	66.08	65	↓P	P	17 08 05.5 +1.9
KULM	Kulim	66.91	246	eP	P	17 08 09.7 +0.6
SCIA	State Center	67.02	50	eP	P	17 08 08.4 -1.0
AKASG	Malin Array Be	68.05	328	P	P	17 08 14.4 -1.4
AKASG	Malin Array Be	68.05	328	P	P	17 08 14.4 -1.4
AKASG	Malin Array Be	68.05	328	P	P	17 08 14.4 -1.4
WMOK	Wichita Mouna	69.89	59	eP	P	17 08 26.0 -1.4
WMOK	Wichita Mouna	69.89	59	eP	P	17 08 26.0 -1.4
WMOK	Wichita Mouna	69.89	59	eP	P	17 08 26.0 -1.4
LTX	Lajitas	71.48	66	eP	P	17 08 37.0 -0.1
LTX	Lajitas	71.48	66	eP	P	17 08 37.0 -0.1
LTX	Lajitas	71.48	66	eP	P	17 08 37.0 -0.1
TXAR	Lajitas Array	71.48	66	P	P	17 08 37.2 -0.1
TXAR	Lajitas Array	71.48	66	P	P	17 08 37.2 -0.1
TXAR	Lajitas Array	71.48	66	P	P	17 08 37.2 -0.1
STHS	Stebnicka Huta	71.59	332	P	P	17 08 38.0 +0.6
STHS	Stebnicka Huta	71.59	332	P	P	17 08 38.0 +0.6
STHS	Stebnicka Huta	71.59	332	P	P	17 08 38.0 +0.6
KOLS	Kolonick sedl	71.73	331	P	P	17 08 37.9 -0.4
CLL	Collin	71.94	338	P	P	17 08 38.9 -0.6
CLL	Collin	71.94	338	P	P	17 08 38.9 -0.6
CLL	Collin	71.94	338	P	P	17 08 38.9 -0.6
BRUR	Bucovina Array	72.03	329	↓P	P	17 08 39.4 -0.7
BRG	Berggiesshubb	72.13	337	eP	P	17 08 37.5 -3.1
BRG	Berggiesshubb	72.13	337	eP	P	17 08 37.5 -3.1
BRG	Berggiesshubb	72.13	337	eP	P	17 08 37.5 -3.1
KECS	Keccovo	72.65	332	P	P	17 08 43.0 -0.7
KECS	Keccovo	72.65	332	P	P	17 08 43.0 -0.7
KECS	Keccovo	72.65	332	P	P	17 08 43.0 -0.7
KECS	Keccovo	72.65	332	P	P	17 08 43.0 -0.7
VYHS	Vyhne	73.09	333	eP	P	17 08 46.6 +0.2
VYHS	Vyhne	73.09	333	eP	P	17 08 46.6 +0.2
VYHS	Vyhne	73.09	333	eP	P	17 08 46.6 +0.2
SMOL	Smolenice	73.45	334	eP	P	17 08 48.7 +0.3
DRGR	Drgr	73.53	330	↑P	P	17 08 48.6 -0.4
DRGR	Drgr	73.53	330	↑P	P	17 08 48.6 -0.4
MLR	Muntele Rosu	73.69	327	↓P	P	17 08 50.3 +0.4
MLR	Muntele Rosu	73.69	327	↓P	P	17 08 50.3 +0.4
KHC	Kasperske Hory	73.84	337	eP	P	17 08 50.5 -0.2
BEBN	Eben Emael	73.91	342	P	P	17 08 51.5 +0.4
VOIR	Voire	74.02	328	↓P	P	17 08 51.8 0.0
VOIR	Voire	74.02	328	↓P	P	17 08 51.8 0.0
MEM	Membach	74.08	342	P	P	17 08 52.0 +0.2
GERES	GERESS Array B	74.08	337	P	P	17 08 52.0 -0.1
GERES	GERESS Array B	74.08	337	P	P	17 08 52.0 -0.1
GERES	GERESS Array B	74.08	337	P	P	17 08 52.0 -0.1
UCC	Uccle	74.15	343	P	P	17 08 52.4 -0.1
BCLA	Blenheim	74.24	343	P	P	17 08 53.9 +0.3
SFL	Senefle	74.44	343	P	P	17 08 54.2 +0.1
GIVF	Givet	74.73	343	eP	P	17 08 55.5 -0.4
GZR	Gura Zlata	74.77	329	↓P	P	17 08 55.6 -0.5
DOU	Doues	74.83	342	eP	P	17 08 56.4 +0.2
BAIF	Baives	74.89	343	eP	P	17 08 56.6 -0.1
BAIF	Baives	74.89	343	eP	P	17 08 56.6 -0.1
BAIF						





2d 18h

Table of satellite data for the 2d 18h period, listing stations like ERON, TAZ, EGUA, etc., with their coordinates and signal quality.

2007 FEB

Main table of satellite data for 2007 FEB, listing stations like EARI, EMOS, ELAN, etc., with their coordinates and signal quality.

46

Table of satellite data for the 46th period, listing stations like LSA, TAPN, ODAN, etc., with their coordinates and signal quality.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAF, ARCES, BRTR, FINES, etc.

IDC 02 19:10:09.7z 1.0, 5217N, 170.11E, h0km, mb3.9/11, mb1.4/2.1, mb1mx0.4/0.2, mbtmp3.9/11, MS3.3/3, Ms1.3/3, ms1mx2.9/33, Error ellipse: s-maj=31.0km s-min=17.3km az=171.0

ISCJB 02 19:10:10.8z 8.6, 5212N, 02:1702E, 0.1, h19km, 59km, mb4.1/20, MS3.2/4, Error ellipse: s-maj=28.7km s-min=14.4km az=1.9

MOS 02 19:10:12.7z 1.1, 5214N, 170.19E, h33km, mb4.3/13, Error ellipse: s-maj=30.4km s-min=15.3km az=105.3

ISC 02 19:10:14.2z 8.6, 5222N, 02:1702E, 0.1, h30km, 59km, n40, 0:82Z/37, mb4.1/20, MS3.3/3, CD-10, Near Islands

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

CSEM 02 19:13:4.0z 4.0, 4239N, 4347E, h2km, mb4.2, Error ellipse: s-maj=2.4km s-min=1.0km az=132.0

MOS 02 19:13:14.5z 0.8, 4239N, 4351E, h8km, mb4.2/1, Error ellipse: s-maj=16.4km s-min=6.1km az=75.5

ISCJB 02 19:13:16.3z 0.6, 4251N, 002:4343E, 0.04, h7km, 44km, Error ellipse: s-maj=4.5km s-min=3.5km az=175.4

ISC 02 19:13:16.3z 0.6, 4251N, 002:4343E, 0.04, h7km, 44km, n39, 0:87Z/70, 6C-40, Western Caucasus

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

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

NEIC 02 20:05:00.7z 3707N, 124.2W, h0km, MG3.7(MDD), After MDD

CSEM 02 20:05:00.7z 4.1, 3707N, 124.2W, h0km, mb3.7/5, Error ellipse: s-maj=35.4km s-min=27.3km az=68.0

INMG 02 20:05:04.3z 1.1, 3674N, 125.5W, h10km, ML1.9, Error ellipse: s-maj=12.6km s-min=7.9km az=112.0

MDD 02 20:05:02.1z 2.9, 3689N, 124.6W, h23km, 129km, mb3.7/5, Error ellipse: s-maj=145.0km s-min=21.5km az=59.0, PRXIMO, Azores-Cape St. Vincent Ridge

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

ISCJB 02 20:28:52.3z 2.0, 1996S, 008:176.1W, 0.2, h182km, 24km, mb4.4/1, Error ellipse: s-maj=24.2km s-min=13.1km az=4.0

NEIC 02 20:28:53.6z 1.3, 1992S, 176.02W, h182km, 12km, mb4.8/5, Error ellipse: s-maj=16.8km s-min=9.0km az=133.0

IDC 02 20:28:53.5z 2.5, 1990S, 176.03W, h176km, 23km, mb4.0/8, mb1.4/1.10, mb1mx3.9/18, mbtmp4.0/10, Error ellipse: s-maj=23.8km s-min=14.1km az=133.0

ISC 02 20:19:57.8z 1.9, 1997S, 009:176.1W, 0.2, h156km, 24km, n43, 0:198Z/27, mb4.4/11, Fiji Islands region

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

MOS 02 20:17:08.9z 1.8, 5341N, 160.13E, h62km, mb4.1/4, Error ellipse: s-maj=21.9km s-min=8.7km az=73.2

ISCJB 02 20:17:09.2z 0.5, 5330N, 003:160.28E, 0.08, h63km, 5km, mb3.7/9, Error ellipse: s-maj=9.6km s-min=3.5km az=31.3

KRSC 02 20:17:09.7z 1.0, 5335N, 160.24E, h49km, 49km, ML4.3

mb1.3/7.10, mb1mx3.5/21, mbtmp3.5/10, ML3.4/1, Error ellipse: s-maj=25.2km s-min=19.8km az=142.0

ISC 02 20:17:10.3z 0.5, 5330N, 004:160.24E, 0.08, h63km, 4km, n38, 0:115Z/55, mb3.7/9, Near east coast of Kamchatka

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

comp=N, 180nm, 0.5s smax

SKR comp=E, 180nm, 0.5s smax

ASAJ Asahikawa 14.79 239 P Pn 20 20 37.0 +1.2

MJAR Matushiro Arr 22.74 231 P Pmax 20 22 08.1 +1.0

MJAR Matushiro Arr 22.74 231 P Pmax 20 22 08.1 +1.0

SONM Sngit Array 33.94 293 P P 20 23 46.1 -1.3

SONM comp=2.0, 3nm, 0.5s, mb3.5, baz=71, slow=7.5, SNR=2.7

YKA Yellowknife Arr 42.96 43 P P 20 25 02.6 -0.3

MKAR Makanchi Array 48.15 296 P Pmax 20 25 41.5 -2.5

MKAR Makanchi Array 48.15 296 P Pmax 20 25 41.5 -2.5

FINES FINESS Array B 59.97 337 P Pmax 20 27 07.6 -2.2

FINES FINESS Array B 59.97 337 P Pmax 20 27 07.6 -2.2

NOA NORARS Array B 63.37 344 P Pmax 20 27 31.2 -1.5

NOA NORARS Array B 63.37 344 P Pmax 20 27 31.2 -1.5

AKASG Malin Array Be 68.48 329 P P 20 28 03.5 -2.3

WRA Warramunga Arr 76.30 205 P P 20 28 52.7 +0.7

WRA Warramunga Arr 76.30 205 P P 20 28 52.7 +0.7

ISCJB 02 20:28:52.3z 2.0, 1996S, 008:176.1W, 0.2, h182km, 24km, mb4.4/1, Error ellipse: s-maj=24.2km s-min=13.1km az=4.0

NEIC 02 20:28:53.6z 1.3, 1992S, 176.02W, h182km, 12km, mb4.8/5, Error ellipse: s-maj=16.8km s-min=9.0km az=133.0

IDC 02 20:28:53.5z 2.5, 1990S, 176.03W, h176km, 23km, mb4.0/8, mb1.4/1.10, mb1mx3.9/18, mbtmp4.0/10, Error ellipse: s-maj=23.8km s-min=14.1km az=133.0

ISC 02 20:19:57.8z 1.9, 1997S, 009:176.1W, 0.2, h156km, 24km, n43, 0:198Z/27, mb4.4/11, Fiji Islands region

AFI Afiamalu 7.33 35 P S 20 30 36.5 -0.2

AFI 6.7nm, 0.3s, baz=198, slow=9.6, SNR=3.8

DZM Mont Dumac 16.41 260 P Pn 20 32 40.2 +7.0

DZM 4.6nm, 0.3s, baz=73, slow=18, SNR=50

PUM Puketiti 18.69 194 P Pn 20 32 58.9 -1.3

URZ Urewera 19.15 196 P P 20 33 03.4 +0.4

URZ 5.7nm, 0.3s, baz=16, slow=1.9, SNR=31

URZ 0.8nm, 0.3s, baz=36, slow=23, SNR=7.1

URZ Urewera 19.15 196 P Pn 20 33 02.6 -3.0

LTZ Lake Taylor 24.76 201 ePn P 20 34 09.2 +1.1

RPZ Rata Peaks 26.00 202 P P 20 34 11.4 +1.4

CTA Charters Tower 35.29 263 P P 20 35 33.3 +1.3

CTA Charters Tower 35.29 263 P P 20 35 33.3 +1.3

CTA Charters Tower 35.29 263 P P 20 35 33.3 +1.3

PMG Port Moresby 36.95 281 P P 20 35 46.9 +0.8

STKA Stephens Creek 39.60 244 eP P 20 36 08.8 +0.7

STKA Stephens Creek 39.60 244 eP P 20 36 08.8 +0.7

WB2 Warramunga Arr 46.41 261 P P 20 37 02.6 -0.3

WRA Warramunga Arr 46.41 261 P P 20 37 02.7 -0.3

KAKA Kakadu 49.72 270 eP P 20 37 28.3 -0.2

KAKA Kakadu 49.72 270 eP P 20 37 28.3 -0.2

FORT Forrest 51.12 246 eP P 20 37 37.2 -1.5

FITZ Fitzroy Crossi 54.84 262 eP P 20 38 06.4 +0.2

FITZ Fitzroy Crossi 54.84 262 eP P 20 38 06.4 +0.2

KLBR Kellermann 59.87 244 eP P 20 38 40.1 -1.1

MJAR Matushiro Arr 70.84 322 P P 20 39 50.5 -1.1

MJAR Matushiro Arr 70.84 322 P P 20 39 50.5 -1.1

NVAR Nina Array Be 79.44 43 P P 20 40 40.8 0.0

NVAR 0.6nm, 0.5s, mb3.6, baz=159, slow=7, SNR=4.7

MKAR Makanchi Array 112.11 313 PKP P 20 47 06.2 -2.3

MKAR Makanchi Array 112.11 313 PKP P 20 47 06.2 -2.3

ARCES ARCES Array B 128.71 350 PKP P 20 47 38.0 -1.7

ARCES ARCES Array B 128.71 350 PKP P 20 47 38.0 -1.7

AKASG Malin Array Be 143.37 333 PKP P 20 48 02.5 -4.9

AKASG Malin Array Be 143.37 333 PKP P 20 48 02.5 -4.9

BR13 BR13 Array S 147.76 314 ePKP P 20 48 16.8 -1.5

BRTR Keskin Array B 147.76 314 PKP P 20 48 16.6 -1.7

BRTR Keskin Array B 147.76 314 PKP P 20 48 16.6 -1.7

GORR Kora 147.39 1iP P Sg 19 13 29.9 -0.7

GORR Kora 147.39 1iP P Sg 19 13 29.9 -0.7

KORR Kora 147.39 1iP P Sg 19 13 40.5 +0.2

KORR Kora 147.39 1iP P Sg 19 13 40.5 +0.2



Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like FINES, ARCES, GERES, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like TUWZ, QZQZ, BSWZ, etc.

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

CSEM 02 21:30:07.8, 3970N-2085E, h10km, MD3.2/3, After ATH

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

MOS 02 21:34:09.2, 0.3, 5280N-107.02E, h13km, mb4.2/1, Error ellipse: s-maj=52.3km s-min=21.5km az=70.3

BYKL 02 21:34:10.2, 0.2, 5284N-10690E, h13km, 3km, 7C-1D, Lake Baykal region

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

IGQ 02 21:45:53.8, 155S-8127W, h12km, 7km, Mb4.2, Ms4.0, 5C-5D, Error ellipse: s-maj=10.2km s-min=7.5km

az=50.3, Off coast of Ecuador

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

MAN 02 21:31:22, 1352N-12193E, h12km, mb3.7, ML2.5, MS2.0, ID, Mindoro

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

NEIC 02 21:31:53.6, 3895S-17490E, h266km, MG4.0(WEL), After WEL

WEL 02 21:31:59.1, 0.5, 3911S-17493E, h219km, 4km, ML3.6/11, IC, Error ellipse: s-maj=3.5km s-min=3.0km az=90.0, North Island

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

MOS 02 22:00:04.8, 1.3, 5575N-16460E, h31km, mb4.3/1, Error ellipse: s-maj=25.9km s-min=14.9km az=49.1

KRSC 02 22:00:04.8, 0.4, 5575N-16460E, h30km, 30km, ML4.3, Komandorski Islands region

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

NEIC 02 21:31:53.6, 3895S-17490E, h266km, MG4.0(WEL), After WEL

WEL 02 21:31:59.1, 0.5, 3911S-17493E, h219km, 4km, ML3.6/11, IC, Error ellipse: s-maj=3.5km s-min=3.0km az=90.0, North Island

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

NEIC 02 21:31:53.6, 3895S-17490E, h266km, MG4.0(WEL), After WEL

WEL 02 21:31:59.1, 0.5, 3911S-17493E, h219km, 4km, ML3.6/11, IC, Error ellipse: s-maj=3.5km s-min=3.0km az=90.0, North Island

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

BGS 02 22:02:38.3, 3811N-7225E, h33km, mb5.2

NINC 02 22:02:41.9, 1.1, 3903N-7109E, h0km, mb5.5, mpv5.2, Error ellipse: s-maj=8.5km s-min=5.9km az=29.0

ICD 02 22:02:44.0, 3.1, 3902N-7141E, h12km, 18km, mb4.9/21, mb1.5/24, mb1mx5.1/24, mbmp5.0/24, ML5.0/3, MS4.5/19, Ms1.4/5.19, ms1mx4.3/28, Error ellipse: s-maj=14.1km s-min=10.5km az=3.0

BULI 02 22:02:45.0, 3918N-7136E, h30km, mb5.3, mb5.1, ML5.0, Ms5.0, Ms24.9

SZGRF 02 22:02:45.1, 3798N-7118E, h33km, mb5.0, Afghanistan-Tajikistan border region

ISCJB 02 22:02:46.2, 0.1, 3901N-002-7133E-02, h40km, mb5.2/42, MS4.7/57, Error ellipse: s-maj=2.8km s-min=2.0km az=179.2

GCMT 02 22:02:47.2, 0.2, 3915N-7112E, h17km, MS5.2/81, Moment Tensor Solution. s55,c82; s81,c154; Duration: 1s0

Moment tensor: Scale 10^18Nm; M6.40e-18; M0-4.60e-15; M0-1.80e-13; M0-2.23e-11; M0-4.27e-11; M0-1.51e-37; Best double couple: M0-7.62300e10^16 Np1:0.213,00000; 0.45,00000; 1.58,00000; NP2: 0.75,00000; 0.53,00000; 1.18,00000. Principal axes: T

7 4900, Plg68.0000", Azm46.0000": N 0.2670, Plg22.0000", Azm237.0000": P -7.5750, Plg4.0000", Azm145.0000": nstai refers to body waves, cutoff=40s. nstae2 refers to surface waves, cutoff=50s. MOS 02 22:02:47.3:0.9,3907N:7138E,h50km,mb5.4/113, MS4.7/35 Error ellipse: s-maj=5.4km s-min=3.3km az=133.8

MOS Felt (III) at Tashkent. NEIC 02 22:02:47.2:0.1,3897N:7137E,h35km,mb5.2/149, MS4.7/2, Error ellipse: s-maj=3.7km s-min=2.4km az=166.0

NEIC Felt (III) at Tashkent, Uzbekistan. ISC 02 22:02:48.4:0.1,3904N:002:7134E,002,h42km, h42km,3.1km,pp-P,n73,0:92/746,mb5.2/241,MS4.7/57, 153C-53D,Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: AKTO, Aktyubinsk, 14.78 325, P, Pn, 22 06 10.6, -3.9, 22 08 54.1. Lists seismic events with station names like KAKANI, DANAN, PULCHOKI, etc.

Table with columns: HYB, HYB, 22 06 10.6, -3.9, 22 08 54.1. Lists seismic events with station names like HYDERABAD, BAGHDAD, MOSUL, etc.







Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KMBO, CKW, MTLF, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMR, PMR, SML, etc.

Table with columns: LPAZ, comp, pmax, pmax, LPAZ, comp, pmax, pmax, LCO, comp, pmax, pmax. Includes data for La Paz and Las Campanas.

BUI 02 22:32:15.9,3781N:9193E, h5km, mB5.4, mb5.5, ML6.0, MS5.6, Msz5.5
LDG 02 22:32:16.7,0.1,3779N:9164E, h10km, Mb5.3/3B, Ms4.7/10, Error ellipse: s-maj=5.5km s-min=3.6km az=136.0

NEIC 02 22:32:18.8,0.1,3769N:9177E, h10km, mb5.3/120, MS5.1/4, MW5.3, Error ellipse: s-maj=4.0km s-min=2.5km az=22.0, Moment Tensor Solution. s9 Moment tensor: Scale: 1.017Nm; M1: 1.13; M2: 1.12; M3: 0.00; Mw0.28; Mw0.33; Mw0.49; Best double couple: M1: 1.30000x1017 NP1: 268.00000; 338.00000; 162.00000; NP2: 123.00000; 857.00000; 111.00000; Principal axes: T: 1.32000, Plg70.00000; Azm79.00000; N: -0.04000, Plg17.00000; Azm291.00000; P: -1.28000, Plg10.00000; Azm198.00000;

MOS 02 22:32:18.6,0.8,3771N:9178E, h21km, mb5.4/91, MS5.1/40 Error ellipse: s-maj=6.6km s-min=3.6km az=127.9

GCMT 02 22:32:18.8,0.2,3787N:9185E, h20km, MW5.4/97, Moment Tensor Solution. s67, c105; s97, c199; Duration: 1/2; Moment tensor: Scale: 1017Nm; M1: 1.18; M2: 0.4; M3: 0.4; Mw0.44; Mw0.12; Mw0.12; Mw0.16; Mw0.24; Mw0.24; Best double couple: M1: 4.53000x1017 NP1: 111.00000; 845.00000; 111.00000; NP2: 258.00000; 849.00000; 167.00000; Principal axes: T: 1.25900, Plg73.00000; Azm101.00000; N: 0.38300, Plg17.00000; Azm273.00000; P: -1.64600, Plg2.00000; Azm4.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 02 22:32:19.0,0.1,3767N:002:9187E:002, h20km, mb5.2/198, MS5.2/69 Error ellipse: s-maj=2.9km s-min=2.2km az=15.7

IDC 02 22:32:19.8,0.6,3778N:9189E, h18km, mb4.8/20, mb1.4/9/23, mb1mx4.2/4, mbtmp4.8/23, ML4.8/3, MS4.9/27, Ms1.4/9/27, ms1mx4.8/33, Error ellipse: s-maj=16.8km s-min=11.0km az=30.0

MNC 02 22:32:20.8,2.7,3798N:9192E, h21km, mb5.5, Error ellipse: s-maj=29.3km s-min=17.7km az=69.0

SZGRF 02 22:32:25.9,3696N:9060E, h33km, mb5.3, MS5.1, Southern Xinjiang, China

ISC 02 22:32:20.9,0.1,3770N:002:9177E:002, h21km, h21km, 1.3km, p-P, n783, 0.9/90/785, mb5.2/197, MS5.1/68, 162C-100D, Qinghai

Main table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, Res ISC. Lists various stations like Gaotai, Urumqi, Lanzhou, etc.

Main table with columns: KSH, comp, LR, LR, KNCD, comp, LR, LR, KNCD, comp, LR, LR, etc. Lists various stations like Alma-Ata, Tokmak, Uchtor, etc.

Main table with columns: NVS, comp, LR, LR, NVS, comp, LR, LR, NVS, comp, LR, LR, etc. Lists various stations like Novosibirsk, Derazinda, Chong Mai, etc.



2007 FEB

Table with columns: UPC, UPCI, Name, Time, Category, and other details. Includes entries like Vranov, Bratysłava, Velič, etc.

Table with columns: SGO, Name, Time, Category, and other details. Includes entries like Sankt Quirin, Moosalm, Castel Tesino, etc.

Table with columns: FRF, Name, Time, Category, and other details. Includes entries like La Foret Royal, La Moure, Signal de Mont, etc.

QUIF	Quistinic	66.13 313	eP	P	22 43 05.4	-1.1
QUIF	comp-Z,44nm,1.3s,mb5.3			pmax		
QUIF	Quistinic	66.13 313	eP	P	22 43 05.4	-1.1
QUIF	comp-Z,59nm,1.2s,mb4.3					
QUIF	Miracle	66.25 305	P	P	22 43 06.9	-0.5
QUIF	comp-Z,85nm,1.6s,mb5.5					
EPF	Esparras	66.45 307	eP	P	22 43 07.9	-0.7
EPF	comp-Z,8.9nm,0.8s,mb4.8					
EPF	Esparras	66.45 307	eP	P	22 43 07.9	-0.7
EPF	comp-Z,9.0nm,0.8s,mb4.8			pmax		
EPF	Esparras	66.45 307	eP	P	22 43 07.9	-0.7
EPF	comp-Z,1.8nm,0.8s,mb4.3					
ETOS	Mallorca	66.48 303	P	P	22 43 08.2	-0.6
ETOS	comp-Z,2.1nm,0.8s,mb5.2					
EBIE	Bielsa	66.75 307	P	P	22 43 10.3	-0.3
EBIE	comp-Z,10nm,0.8s,mb4.4					
EPOB	Poblet	66.82 305	P	P	22 43 10.2	-0.9
EPOB	comp-Z,13nm,0.8s,mb5.0					
ETSF	Etsaut	67.09 307	eP	P	22 43 12.3	-0.4
ETSF	comp-Z,24nm,1.1s,mb5.1					
ETSF	Etsaut	67.09 307	eP	P	22 43 12.3	-0.4
ETSF	comp-Z,24nm,1.1s,mb5.1			pmax		
ETSF	Etsaut	67.09 307	eP	P	22 43 12.3	-0.4
ETSF	comp-Z,49nm,1.1s,mb5.0					
SJPF	Ste Jean	67.40 308	eP	P	22 43 13.5	-1.2
ERTA	Horta de San J	67.51 305	P	P	22 43 14.3	-1.1
ERTA	comp-Z,30nm,1.3s,mb5.2					
EALK	Alkurruntz	67.52 308	P	P	22 43 15.0	-0.5
EALK	comp-Z,47nm,1.6s,mb5.3					
ESAC	San Caspasio	67.63 306	P	P	22 43 15.6	-0.6
ESAC	comp-Z,60nm,1.5s,mb5.4					
COLA	College	67.70 23	↑P	P	22 43 16.3	+0.1
COLA	College	67.70 23	↑P	P	22 43 15.9	-0.3
COLA	comp-Z,93nm,0.9s,mb5.8			pmax		
RES	Resolute Bay	67.81 2	eP	P	22 43 16.6	-0.1
RES	comp-Z,21um,1.4s					
RES	Resolute Bay	67.81 2	eP	P	22 43 16.7	-0.1
RES	comp-Z,21um,1.3s			pmax		
MCK	McKinley	68.12 25	eP	P	22 43 19.2	+0.4
EMOS	Mosqueruela	68.34 305	P	P	22 43 19.2	-1.4
EMOS	comp-Z,24nm,0.9s,mb5.2					
INK	Inukik	69.03 16	P	P	22 43 23.8	-0.7
PMR	Palmer	69.49 26	eP	P	22 43 27.2	-0.2
PMR	comp-Z,72nm,1.2s,mb5.5					
PMR	Palmer	69.49 26	eP	P	22 43 27.2	-0.2
PMR	comp-Z,72nm,1.2s,mb5.5			pmax		
SML	Sawmill	69.63 26	eP	P	22 43 28.5	+0.2
SML	comp-Z,17nm,0.8s					
PMG	Port Moresby	69.78 120	eP	P	22 43 29.6	-0.2
EGAK	Eagle	69.80 21	eP	P	22 43 28.8	-0.4
EGAK	comp-Z,72nm,1.0s,mb5.4					
SLKM	Skilak Lake	69.83 28	eP	P	22 43 28.6	-1.0
SLKM	Skilak Lake	69.83 28	eP	P	22 43 29.2	-0.3
WRA	Warramunga Arr	69.93 137	P	P	22 43 30.2	-0.4
WRA	comp-Z,1um,19.0s,MS5.2,baz=275,slow=38			↑P		-1.2
WRA	comp-Z,81nm,0.9s			pmax		
WRA	comp-Z,9.0nm,0.6s			pmax		
WRA	Warramunga Arr	69.93 137	P	P	22 43 30.2	-0.4
WRA	comp-Z,8.1nm,0.9s,mb5.6,baz=338,slow=6.4,SNR=154					
WRA	comp-Z,9.3nm,0.6s,baz=305,slow=6.3,SNR=5.7			pP		-1.2
WB2	Warramunga Arr	69.94 137	eP	P	22 43 30.1	-0.6
MENT	Mentasta	70.37 24	eP	P	22 43 33.1	+0.3
GUD	Guadarrama	70.56 307	P	P	22 43 34.0	-0.4
GUD	comp-Z,16nm,1.0s,mb4.9					
GUD	Guadarrama	70.56 307	P	P	22 43 34.0	-0.4
GUD	comp-Z,16nm,1.0s,mb4.9			pmax		
EVIA	Vianos	70.59 304	P	P	22 43 34.7	+0.2
EVIA	comp-Z,2.2nm,0.5s,mb4.3					
EVIA	Vianos	70.59 304	P	P	22 43 34.7	+0.1
EVIA	comp-Z,2.0nm,0.5s,mb4.3			pmax		
KDAK	Kodiak Island	70.72 31	P	P	22 43 34.0	-1.0
KDAK	comp-Z,583nm,0.7s,SNR=7.7					
KDAK	Kodiak Island	70.72 31	eP	P	22 43 34.7	-0.2
KDAK	comp-Z,11nm,0.8s,mb5.8			LR		-1.7
DAWY	Dawson	70.84 21	eP	P	22 43 35.2	-0.5
EPON	Pontenova	70.94 310	P	P	22 43 35.9	-0.8
EPON	comp-Z,78nm,1.6s,mb5.4					
ESDC	Sonsecra Array	70.97 306	P	P	22 43 36.2	-0.6
ESDC	comp-Z,1.1nm,0.8s,mb5.8					
ESDC	Sonsecra Array	70.97 306	P	P	22 43 35.9	-1.0
ESDC	comp-Z,8.1nm,0.7s,mb4.8,baz=50,slow=6.3,SNR=27			LR		46.1
ESDC	comp-Z,7.11nm,18.2s,MS5.0,baz=45,slow=38					
DIV	Divide	70.99 26	eP	P	22 43 36.8	+0.2
EYAK	Cordova Ski Ar	71.41 26	eP	P	22 43 38.9	-0.2
EQES	Quesada	71.42 304	P	P	22 43 38.4	-1.2
EQES	comp-Z,22nm,1.0s,mb5.0					
ECAL	Calabor	71.56 309	P	P	22 43 39.6	-0.3
ECAL	comp-Z,55nm,1.9s,mb5.2					
PBRG	Braganca	71.54 309	eP	P	22 43 40.6	+0.3
PBRG	comp-Z,23nm,1.4s,mb4.9					
PBRG	Braganca	71.54 309	eP	P	22 43 50.6	+3.5
EBAN	Banos Encina	71.69 304	P	P	22 43 40.4	-0.9
EBAN	comp-Z,26nm,1.0s,mb5.1					
EBAN	Banos Encina	71.69 304	P	P	22 43 40.4	-0.8
EBAN	comp-Z,26nm,1.0s,mb5.1			pmax		
SFJD	Kangerlussuaq	71.76 345	eP	P	22 43 40.1	-1.1
SFJD	comp-Z,26nm,1.0s,mb5.1					
SFJD	Kangerlussuaq	71.76 345	eP	P	22 43 40.1	-1.1
SFJD	comp-Z,46nm,1.0s,mb5.4			pP		-2.5
SFJD	Kangerlussuaq	71.76 345	eP	P	22 43 40.8	
SFJD	comp-Z,1.1nm,0.8s,mb5.8			LR		-1.1
SFJD	Kangerlussuaq	71.76 345	eP	P	22 43 45.4	-2.6
SFJD	comp-Z,46nm,1.0s,mb5.4			pmax		
SFJD	Kangerlussuaq	71.76 345	eP	P	22 43 39.8	-1.3
SFJD	comp-Z,7.5nm,0.8s,mb4.7,baz=26,slow=11,SNR=3.4					-2.5
SFJD	Kangerlussuaq	71.76 345	eP	P	22 43 40.1	-1.1
SFJD	comp-Z,1.6nm,0.4s,baz=64,slow=1.9,SNR=7.3			LR		20.8
SFJD	Kangerlussuaq	71.76 345	eP	P	22 43 45.4	+4.2
SFJD	comp-Z,37nm,1.0s,mb5.3					
SFJD	Kangerlussuaq	71.76 345	eP	P	22 43 41.3	-0.7
SFJD	comp-Z,750nm,18.0s					
EBER	Berja	71.80 303	P	P	22 43 44.3	-0.7
EBER	comp-Z,230nm,2.0s,mb5.8					
MVO	Moncorvo	72.08 308	eP	P	22 43 45.5	+1.0
MVO	comp-Z,22nm,1.6s,mb4.8					
MVO	Moncorvo	72.08 308	eP	P	22 43 53.7	+3.4
MVO	comp-Z,22nm,1.6s,mb4.8			eP		20.8
MVO	Moncorvo	72.08 308	eP	P	22 43 44.3	-0.7
MVO	comp-Z,789nm,18.0s					
EGUA	Guajares	72.28 303	P	P	22 43 43.6	-1.2
EGUA	comp-Z,10nm,1.4s,mb4.2					
EGUA	Guajares	72.28 303	P	P	22 43 43.6	-1.2
EGUA	comp-Z,11nm,1.4s,mb4.6			pmax		
ELUO	Luque	72.34 304	P	P	22 43 44.4	-0.8
ELUO	comp-Z,20nm,0.8s,mb5.5					
ELUO	Luque	72.34 304	P	P	22 43 44.4	-0.8
ELUO	comp-Z,20nm,0.8s,mb5.5			pmax		
PCAB	Cabrill	72.39 309	eP	P	22 43 46.9	+1.5
PCAB	comp-Z,49nm,1.7s,mb5.2					
PCAB	Manteigas	72.84 308	eP	P	22 43 55.5	+3.3
PCAB	comp-Z,32nm,1.7s,mb5.0					
PVIS	Visu	72.87 308	eP	P	22 43 49.4	+1.1
PVIS	comp-Z,26nm,2.3s,mb5.8					
MUN	Mundaring	72.98 158	eP	P	22 43 47.8	-0.9
KLBR	Kellerberrin	73.08 157	eP	P	22 43 48.5	-0.9
KLBR	comp-Z,43nm,0.9s,mb5.0					
PCBR	Bastelo Branco	73.12 307	eP	P	22 43 49.9	+0.2
PCBR	comp-Z,85nm,2.3s,mb5.3					
EBAD	Badajoz	73.44 306	P	P	22 43 51.5	-0.1
EBAD	comp-Z,85nm,2.3s,mb5.3					
PESTR	Estremoz	73.75 307	eP	P	22 43 53.7	+0.2
PESTR	comp-Z,14nm,1.8s,mb4.6					
EJIF	Jimena Fronter	73.76 304	P	P	22 43 52.9	-0.7
EJIF	comp-Z,42nm,1.2s,mb5.2					
EJIF	Jimena Fronter	73.76 304	P	P	22 43 52.9	-0.7
EJIF	comp-Z,42nm,1.2s,mb5.2			pmax		
ESPR	Espera	73.78 304	P	P	22 43 52.4	-1.3
ESPR	comp-Z,42nm,1.2s,mb5.2					

EMIN	Mina Concepcio	73.79 305	P	P	22 43 52.8	-1.0
EMIN	comp-Z,28nm,1.7s,mb4.9					
PTOM	Tomar	73.83 308	eP	P	22 43 55.1	+1.1
PTOM	comp-Z,18nm,1.9s,mb4.7					
PTOM	Narrogin (SRO)	74.17 158	eP	P	22 44 04.7	+3.9
PTOM	comp-Z,37nm,0.9s,mb5.3					
NWAO	Narrogin (SRO)	74.17 158	P	P	22 43 54.6	-1.1
NWAO	comp-Z,37nm,0.9s,mb5.3					
NWAO	Narrogin (SRO)	74.17 158	P	P	22 43 55.0	-0.7
NWAO	comp-Z,25nm,0.9s			pmax		
EVO	Evora	74.21 307	↑P	P	22 43 56.1	-0.1
EVO	comp-Z,728nm,17.2s,MS4.7			eMLR		
PBEJ	Beja	74.41 306	eP	P	22 43 57.7	+0.3
PBEJ	comp-Z,16nm,2.0s,mb4.6					
PBDV	Barranco-do-ve	74.91 305	eLQ	A	23 10 50.0	
PBDV	comp-Z,28nm,1.2s,mb5.1					
PBDV	Barranco-do-ve	74.91 305	eLQ	A	23 20 22.7	
PBDV	comp-Z,28nm,1.2s,mb5.1					
PTEO	Sao Teotonio	75.25 306	eP	P	22 44 05.0	+2.8
PTEO	comp-Z,867nm,18.0s					
MDT	Midelt	75.27 300	LR	LR	23 23 52.7	
MDT	comp-Z,238nm,19.4s,MS4.5,baz=18,slow=41					
MORF	Marmelete	75.34 306	eLQ	A	23 13 40.0	
MORF	comp-Z,976nm,18.0s					
PFVI	Vila Bisbo	75.56 306	eLQ	A	23 14 05.3	
PFVI	comp-Z,779nm,18.0s					
PFVI	Vila Bisbo	75.56 306	eLQ	A	23 20 38.0	
PFVI	comp-Z,779nm,18.0s					
SKAG	Skagway	75.65 23	eP	P	22 44 04.6	+0.5
SKAG	comp-Z,127nm,1.4s,mb5.7					
FORT	Forrest	76.10 148	↑P	P	22 44 06.4	-0.5
FORT	comp-Z,63nm,0.9s,mb5.7					
CTA	Charters Tower	76.99 128	↑P	P	22 44 11.5	-0.7
CTA	comp-Z,37nm,0.9s,mb5.3					
CTA	Charters Tower	76.99 128	↑P	P	22 44 11.5	-0.7
CTA	comp-Z,37nm,0.9s			pmax		
CTA	Charters Tower	76.99 128	eP	P	22 44 11.7	-0.5
CTA	comp-Z,46nm,0.8s,mb5.5					
CTA	Charters Tower	76.99 128	eP	P	22 44 11.7	-0.5
CTA	comp-Z,46nm,0.8s,mb5.5			pmax		
CTA	Charters Tower	76.99 128	eP	P	22 44 11.7	-0.5
CTA	comp-Z,45nm,0.9s,mb5.4					
YKWS	Yellowknife Ar	77.85 12	eP	P	22 44 15.9	-0.5
YKWS	comp-Z,12nm,0.8s			pmax		
YKA	Yellowknife Ar	77.92 12	eP	P	22 44 15.9	-0.9
YKA	comp-Z,12nm,0.8s			pP		-1.7
YKA	Yellowknife Ar	77.92 12	eP	P	22 44 22.0	-1.7
YKA	comp-Z,12nm,0.8s			PKKPbc		-1.3
YKA	Yellowknife Ar	77.92 12	eP	P	22 44 15.9	-0.9
YKA	comp-Z,12nm,0.8s			PKKPbc		-1.3
YKA	Yellowknife Ar	77.92 12	eP	P	22 44 15.9	-





K06A	baz=38, SNR=6.8 Valley Falls	37.77	82	U	P	P	23 21 35.2 +0.6
H08A	baz=38, SNR=9.3 Prairie City	37.78	78	U	P	P	23 21 34.6 -0.1
P01C	baz=38 Double 8 Ranch	37.82	88	U	P	P	23 21 35.3 +0.2
L05A	baz=38 Lakeview	37.84	83	U	P	P	23 21 35.7 +0.4
F10A	baz=38, SNR=6.2 Beach Ranch, E	37.87	76	P	P	P	23 21 35.4 -0.1
LTIM	baz=38 Timbered Crate	37.94	85	P	P	P	23 21 36.9 +0.8
J07A	baz=38 Hines	38.02	80	U	P	P	23 21 36.9 +0.2
A13A	baz=38, SNR=5.4 Flathead Nat	38.04	70	P	P	P	23 21 36.5 -0.4
M05C	baz=38, SNR=9.4 Lookout	38.05	84	U	P	P	23 21 37.6 +0.6
GASB	baz=38 Alder Springs	38.09	88	U	P	P	23 21 37.8 +0.4
HATC	baz=38 Hat Creek Radi	38.17	85	U	P	P	23 21 38.5 +0.5
I08A	baz=38 Drewsley	38.17	79	U	P	P	23 21 38.3 +0.3
MOD	baz=38 Modoc	38.25	83	U	P	P	23 21 38.5 -0.2
WALA	baz=38, SNR=1.35, mb4.5 Waterton Lakes	38.27	69	eP	P	P	23 21 38.2 -0.6
HOPS	baz=38 Hopland	38.28	89	U	P	P	23 21 38.9 -0.1
E11A	baz=38 Bogner Ranch,	38.28	74	P	P	P	23 21 37.6 -1.2
B13A	baz=38, SNR=5.2 Whitefish	38.28	71	U	P	P	23 21 38.4 -0.5
H09A	baz=38 Durkee	38.31	78	U	P	P	23 21 39.3 +0.2
BSMT	baz=38 Bassoo Peak	38.36	72	P	P	P	23 21 39.4 -0.1
BMO	baz=38, SNR=1.2, mb4.4 Blue Mountains	38.42	77	eP	P	P	23 21 39.7 -0.3
K07A	baz=38 Rock Creek Ran	38.44	81	U	P	P	23 21 40.9 +0.7
J08A	baz=38 Circle Bar Ran	38.53	80	U	P	P	23 21 41.2 +0.2
M06C	baz=38 Likely Place G	38.54	84	U	P	P	23 21 41.2 0.0
F11A	baz=38 Grangeville	38.56	75	U	P	P	23 21 40.8 -0.4
C13A	baz=38, SNR=12 Hot Springs	38.57	72	P	P	P	23 21 40.9 -0.3
O04C	baz=38, SNR=7.4 Chestnut	38.69	86	U	P	P	23 21 42.8 +0.4
MNRC	baz=38 McLaughlin Nat	38.73	89	U	P	P	23 21 42.8 +0.1
G11A	baz=38, SNR=6.3 Walters Elk Ra	38.75	76	P	P	P	23 21 42.8 -0.1
L07A	baz=38 Adell	38.77	82	U	P	P	23 21 43.0 0.0
K08A	baz=38 Mann Creek Ran	38.88	81	U	P	P	23 21 44.3 +0.4
H10A	baz=38, SNR=11 Noah's Angus R	38.90	77	P	P	P	23 21 44.1 0.0
ORV	baz=38 Oroville	38.90	87	U	P	P	23 21 43.5 -0.7
SUTB	baz=38 Sutter Butte	38.92	88	U	P	P	23 21 44.0 -0.4
D13A	baz=38, SNR=5.2 Huson	38.93	72	P	P	P	23 21 43.9 -0.5
C14D	baz=38 Swan Lake	39.00	71	U	P	P	23 21 44.3 -0.6
BOD	baz=38 Bodaibo	39.01	307	eP	P	P	23 21 39.8 -5.0
BOD	comp=Z, 2.0nm, 1.6s, mb3.7						
BOD	comp=Z, 2.0nm, 1.6s, mb3.7						
O05C	comp=Z, 6.0nm, 1.9s, mb4.1	39.01	86	P	P	P	23 21 45.7 +0.6
Q05C	baz=38, SNR=6.4 Quincy	39.04	87	eP	P	P	23 21 43.8 -1.5
OHC1M	baz=38 Honey	39.14	78	U	P	P	23 21 46.6 +0.5
I10A	baz=38 Payette	39.14	78	U	P	P	23 21 46.6 +0.5
N06A	baz=38 Buffalo Meadow	39.21	84	U	P	P	23 21 47.3 +0.6
M07A	baz=38, SNR=6.5 Soldier Meadow	39.23	83	P	P	P	23 21 48.2 +1.3
CN2	baz=38 Changchun	39.27	282	eS	P	P	23 21 47.7 +0.5
CN2							23 27 39.4 -0.2
CN2	comp=Z, 10.0nm, 0.6s, mb4.8						
CN2	comp=Z, 200nm, 3.0s						
CN2	comp=N, 500nm, 20.0s						
CN2	comp=E, 700nm, 20.0s						
CN2	comp=Z, 700nm, 19.0s						
L08A	baz=38 Fields	39.27	81	U	P	P	23 21 47.9 +0.7
H11A	baz=38 Donnelly	39.27	77	U	P	P	23 21 46.8 -0.4
E13A	baz=38 Victor	39.43	73	U	P	P	23 21 48.0 -0.4
D14A	baz=38, SNR=17 Greenough	39.50	72	P	P	P	23 21 48.4 -0.6
J10A	baz=38 Berg Farm, Mel	39.53	79	U	P	P	23 21 49.1 -0.2
O06A	baz=38 Flanigan	39.56	85	U	P	P	23 21 49.8 +0.2
M08A	baz=38, SNR=5.5 Happy Creek Ra	39.68	82	P	P	P	23 21 51.3 +0.7
F13A	baz=38, SNR=7.1 Darby	39.69	74	P	P	P	23 21 50.7 0.0
N07B	baz=38 Gerlach	39.72	84	U	P	P	23 21 50.7 -0.2
CHMT	baz=38 Chamberlain Mo	39.73	72	eP	P	P	23 21 49.8 -1.1
L09A	baz=38 Wilkinson Ranc	39.78	81	U	P	P	23 21 51.7 +0.3
K10A	baz=38, SNR=5.5 McKenzie Rang	39.83	80	P	P	P	23 21 52.5 +0.6
E14A	baz=38, SNR=7.6 Clinton	39.85	73	P	P	P	23 21 51.8 -0.2
LAVA	baz=38 Lava Cap Winer	39.86	87	U	P	P	23 21 51.9 -0.1
H12A	baz=38, SNR=6.8 Diamond D Ranc	40.05	76	P	P	P	23 21 53.3 -0.4
D15A	baz=38, SNR=8.8 Lincoln	40.09	71	P	P	P	23 21 53.4 -0.6
MFID	baz=38 Carnas Ranch	40.10	78	U	P	P	23 21 53.7 -0.3
PAHR	comp=Z, 1.5nm, 1.1s, mb4.7 Pah Rang	40.11	85	eP	P	P	23 21 54.0 -0.1
G13A	baz=38, SNR=9.6 Cobal	40.12	75	P	P	P	23 21 54.0 -0.2
WCN	baz=38 Washoe City	40.12	86	U	P	P	23 21 54.1 -0.2
N08A	baz=38 Ge Springer Mi	40.23	83	U	P	P	23 21 55.3 +0.2
F14A	baz=38 Wisdom	40.25	73	U	P	P	23 21 55.2 0.0
R05C	baz=38 Kirkwood Meado	40.30	87	U	P	P	23 21 55.8 +0.1
H13A	baz=38 Challis	40.40	76	U	P	P	23 21 56.8 +0.2
CMB	baz=38 Columbia Colle	40.52	88	eP	P	P	23 21 57.3 -0.3
CMB	comp=Z, 4.3nm, 0.6s, mb4.5						
CMB	comp=Z, 4.0nm, 0.6s, mb4.4	40.52	88	eP	P	P	23 21 57.3 -0.3
CMB	comp=Z, 4.0nm, 0.6s, mb4.4						
CMB	comp=Z, 4.0nm, 0.6s, mb4.4	40.52	88	P	P	P	23 21 57.7 +0.2
PACP	baz=38, SNR=6.8 Pacheco Peak	40.62	90	U	P	P	23 21 58.1 -0.3
J12A	baz=38 Stokes Ranch,	40.63	78	U	P	P	23 21 58.5 +0.1
F15A	baz=38 Butte	40.75	73	U	P	P	23 21 58.9 -0.4
R06C	baz=38 Coleville	40.79	87	U	P	P	23 22 00.4 +0.6
I13A	baz=38, SNR=6.8 Wildhorse Cree	40.85	76	P	P	P	23 22 00.6 +0.5
HAST	baz=38 UC Hastings Re	40.85	91	U	P	P	23 22 01.1 -0.2
L11A	baz=38, SNR=6.2 Cat Creek Ranc	40.86	80	P	P	P	23 22 01.0 +0.7
HLID	comp=Z, 2.1nm, 1.2s, mb4.8 Halley	40.87	77	eP	P	P	23 22 00.1 -0.2
HLID	comp=Z, 2.1nm, 1.2s, mb4.8 Halley	40.87	77	U	P	P	23 22 00.7 +0.3
Q07A	baz=38 Schurz	40.93	86	U	P	P	23 22 00.8 -0.1
S06C	baz=41 San Francisco	40.95	88	P	P	P	23 22 01.4 +0.3
MCMT	baz=41, SNR=14 McKenzie Canyo	41.09	74	eP	P	P	23 22 01.8 -0.4
K12A	baz=41, SNR=6.0 Drape	41.10	78	eP	P	P	23 22 03.0 +0.7
J13A	baz=41, SNR=6.2 Cove Ranch, Pi	41.10	77	P	P	P	23 22 02.9 +0.6
G15A	baz=41, SNR=7.4 Dillon	41.12	74	P	P	P	23 22 01.8 -0.6
EGMT	comp=Z, 8.6nm, 0.7s, mb4.7 Eagleton	41.18	69	eP	P	P	23 22 01.0 -1.1
M11A	baz=41 Holland Ranch,	41.27	81	U	P	P	23 22 03.8 +0.1
L12A	baz=41, SNR=8.4 House Creek Ra	41.32	79	P	P	P	23 22 04.8 +0.7
U04C	baz=41, SNR=13 Hernandez Rese	41.34	90	U	P	P	23 22 04.0 -0.3
BOZ	baz=41, SNR=13 Bozeman (W)	41.36	73	P	P	P	23 22 04.2 -0.2
Q08A	baz=41 Gabbas	41.52	85	U	P	P	23 22 05.1 -0.7
O10A	baz=41 Cortez Mining,	41.52	82	U	P	P	23 22 06.1 +0.4
KSR5	comp=Z, 9.0nm, 0.7s, mb4.6, baz=5.4, slow=7.7, SNR=16 Korea Arr	41.54	272	P	P	P	23 22 06.8 +0.8
NVAR	comp=Z, 1.1nm, 0.7s, mb4.3, baz=3.9, slow=6.9, SNR=10.0 Mina Arry Bea	41.55	86	P	P	P	23 22 06.4 +0.4
K13A	baz=41 Stover Farm, H	41.59	78	U	P	P	23 22 06.6 +0.4
T06C	baz=41, SNR=6.5 Millerton Lake	41.59	89	P	P	P	23 22 06.0 -0.4
KCC	baz=41, SNR=6.5 Kaiser Creek	41.63	88	U	P	P	23 22 07.1 +0.5
N11A	baz=41 Elko Archery C	41.67	81	U	P	P	23 22 07.6 +0.7
PKD	baz=41 Parkfield	41.76	91	U	P	P	23 22 07.3 -0.5
QLMT	baz=41 Earthquake Lak	41.93	74	eP	P	P	23 22 08.6 -0.5
Q09A	baz=41 Carvers	41.99	85	U	P	P	23 22 10.1 +0.5
L13A	baz=41 Double Diamond	42.01	77	U	P	P	23 22 10.6 +1.0
ELK	comp=Z, 12nm, 0.8s, mb4.7 Elko	42.01	81	eP	P	P	23 22 10.0 +0.3
ELK	comp=Z, 12nm, 0.8s, mb4.7 Elko	42.01	81	eP	P	P	23 22 10.0 +0.3
N12A	comp=Z, 1.2nm, 0.8s Clover Valley,	42.07	81	U	P	P	23 22 10.9 +0.7
MTUM	baz=41, SNR=6.5 Tungsten Hills	42.07	87	eP	P	P	23 22 10.5 +0.3
O11A	baz=41 Cowboy Ranch,	42.12	82	U	P	P	23 22 11.3 +0.6
HELL	baz=41 Mitchell Peak,	42.22	88	P	P	P	23 22 11.3 -0.2
S08C	baz=41, SNR=6.2 White Mtn Res	42.22	87	U	P	P	23 22 11.7 +0.3
M13A	baz=41, SNR=5.6 Montello	42.29	80	P	P	P	23 22 12.7 +0.6
YMR	comp=Z, 7.6nm, 0.7s, mb4.5 Madison River	42.29	74	eP	P	P	23 22 11.9 -0.1
R09A	baz=41, SNR=5.4 Tonopah	42.43	85	P	P	P	23 22 13.4 +0.3
YNR	baz=41, SNR=5.4 Nye Junction	42.44	73	eP	P	P	23 22 13.0 -0.1
YINR	baz=41, SNR=5.4 Tinemaha	42.47	87	U	P	P	23 22 14.2 +0.7
N13A	baz=41 Wendover, West	42.57	80	U	P	P	23 22 14.7 +0.5
JNU	baz=41 Natusue	42.57	265	P	P	P	23 22 15.1 +0.7
O12A	comp=Z, 2.6nm, 1.2s, mb4.8, baz=1.1, slow=5.2, SNR=4.1 Currie	42.60	81	P	P	P	23 22 14.9 +0.4
S09A	baz=41, SNR=8.2 Goldfield	42.66	86	U	P	P	23 22 14.7 -0.3
LKWY	comp=Z, 6.0nm, 0.7s, mb4.4 Lake	42.69	73	eP	P	P	23 22 16.1 +0.9
LKWY	comp=Z, 6.0nm, 0.7s, mb4.4 Lake	42.69	73	eP	P	P	23 22 16.1 +1.0
YES	comp=Z, 6.0nm, 0.7s, mb4.4 Vestal, Richgr	42.73	89	U	P	P	23 22 15.2 -0.4
IMW	baz=41, SNR=6.2 Indian Meadow	42.75	74	eP	P	P	23 22 15.6 0.0
R10A	comp=Z, 1.1nm, 1.0s, mb4.5 Warm Springs	42.87	85	U	P	P	23 22 17.0 +0.3
HVU	baz=41, SNR=6.0 Hansel Valley	42.88	78	eP	P	P</	







Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like E05A Randle, E05W Green Mountain, G06A Carlson Farm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ANMO Albuquerque, BNM Barren Site, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ONI Oni, ONI Erzurum, EZM Erzurum, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PRU 03:03:17:46.0,5027N:1920E, h0km, WAR 03:03:17:46.4,5017N:1930E, ML2.5, Mining Induced, Poland.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC 03:03:20:54:7.4,6,2081S:17955W, h564km,49km,mb3.0/4, mb1.3,4.5,mb1mx3.2/12,mbtmp3.2/5, Error ellipse: s-maj=50.4km s-min=27.8km az=149.0, Fiji Islands region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TIF 03:03:22:06.3,4126N:4238E, h2km,1km, MOS 03:03:22:06.5,0.4,4168N:4133E, h135km,mb3.8/1, Error ellipse: s-maj=99.9km s-min=23.7km az=137.1.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ISK 03:03:34:15.8,3941N:4073E, h5km, MD3.7, ML3.8, ISK 03:03:34:16.0,3.9,3942N:4076E, h10km,mb3.3/5, Error ellipse: s-maj=5.2km s-min=3.4km az=140.7.

3d 4h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include VAN Van, VANT Van, SIRT Sirkak, etc.

NIED 03 03:40:00, 2390N, 14370E, h11km, Mw4.6 Best double couple: M9.41000x1015 NP1x302.00000, 824.00000, 7.42.00000, NP2x=173.00000, 874.00000, 1.08.00000

IDC 03 03:40:31.8, 0.7, 2370N, 14309E, h0km, mb4.0/13, mb1 4.2/16, mb1mx4.1/23, mbtmp4.1/16, ML4.0/3, MS3.9/11, Ms1 3.9/11, ms1mx3.5/38, Error ellipse: s-maj=27.8km s-min=16.6km az=76.0

ISCJB 03 03:40:35.8, 0.4, 2378N, 14322E, h33km, mb4.4/23, MS4.0/16, Error ellipse: s-maj=11.0km s-min=5.9km az=176.0

NEIC 03 03:40:36.0, 5.1, 2372N, 14315E, h24km, 36km, mb4.4/5, Error ellipse: s-maj=17.9km s-min=11.3km az=85.0

BUI 03 03:40:35.0, 2370N, 14320E, h11km, mb5.0, mb4.7, Ms4.4, Ms2.9

JMA 03 03:40:36.1, 0.2, 2394N, 14372E, h89km, M4.4

MOS 03 03:40:36.2, 1.1, 2380N, 14297E, h33km, mb4.4/13, Error ellipse: s-maj=18.5km s-min=7.2km az=109.3

ISC 03 03:40:32.8, 2.3, 2378N, 14324E, h0km, 14km, n85, c190878, mb4.4/33, MS4.0/16, 5C-3D, Volcano

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include HHH Haha-jima-NKT, JHHJ Chichi jima, CBIJ Chichi jima, etc.

2007 FEB

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SONM comp=Z, 198nm, 18.7s, MS4.0, baz=187, slow=38, YAK Yakutsk, etc.

086/25, Turkey-Georgia-Armenia border region 64

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include BKA Borcka, BCB Borcka, BCB Borcka, etc.

IDC 03 03:44:44.2, 4.2, 487S, 10107E, h0km, mb3.9/4, mb1 3.9/4, mb1mx3.7/18, mbtmp3.9/4, Error ellipse: s-maj=207.0km s-min=31.1km az=60.0, Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include STK Stephens Creek, SONM Sogino Array, MKAR Makanchi Array, etc.

MOS 03 03:45:49.2, 0.6, 4330N, 4243E, h8km, mb3.5/1, 4C-2D, Error ellipse: s-maj=13.7km s-min=13.1km az=82.7, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SHAR Shatshatmas, KIV Kislovodsk, BEYR Belyy Ugol, etc.

IDC 03 03:53:04.5, 13.0, 3584N, 7171E, h63km, 112km, mb3.5/7, mb1 3.6/8, mb1mx3.3/22, mbtmp3.5/8, ML3.9/11, MS3.2/1, Ms1 3.2/1, ms1mx2.7/22, Error ellipse: s-maj=72.3km s-min=37.2km az=154.0

ISCJB 03 03:53:13.6, 0.6, 3649N, 00471, h102km, 10km, mb3.6/6, Error ellipse: s-maj=8.8km s-min=6.9km az=150.0

NEIC 03 03:53:14.3, 1.3, 3635N, 7162E, h130km, 13km, mb4.2/1, Error ellipse: s-maj=33.5km s-min=11.8km az=134.0

ISC 03 03:53:14.8, 0.6, 3667N, 00471, h160E, 006, h128km, 9km, n24, c098327, mb3.6/6, 2C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KBL Kabul, AAK Ala-Archa, AAK Ala-Archa, etc.

CSEM 03 04:45:25.7, 0.1, 3517N, 399W, h15km, MD3.5, Error ellipse: s-maj=3.3km s-min=1.9km az=104.0

ISCJB 03 04:45:26.2, 0.8, 3520N, 00240W, 003, h15km, 5km, Error ellipse: s-maj=4.1km s-min=2.6km az=18.1

MDD 03 04:45:26.3, 0.8, 3516N, 398W, h4km, 9km, mb3.2/19, Error ellipse: s-maj=6.9km s-min=3.4km az=111.0, PRXIMO

CNRM 03 04:45:28.0, 3509N, 396W, h0km, MD3.5

ISC 03 04:45:26.2, 0.6, 3518N, 00240W, 004, h12km, 4km, n46, c09786, Strait of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MPAL Palesmas, TOU Touzarine, TOU Touzarine, etc.













3d 6h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like FLN La Foliniere, FUR Furstenfeldbrunn, ROF Rothenreuten, etc.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like AVF Avril sur Loir, MFF Saint Martin d, CABF La Chapelle, etc.

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Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like WRA Warramunga Arr, STKA Stephens Creek, MKAR Makanchi Arr, etc.



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

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

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

MAN 03 07:00:06, 1271N, 12452E, h52km, mb4.3, ML3.2, MS3.0.

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

NEIC 03 07:03:00.0, 3695N, 3542E, h27km, ML3.6 (ISK), After ISK.

IDC 03 07:03:00.7-3.0, 3686N, 3533E, h15km, 23km, mb3.6/2, mb1.3/8, mb1mx3.4/24, mbtrmp3.5/8, ML3.1/5, MS2.8/1, Ms1.2/8.1, ms1mx2.3/4.0, Error ellipse: s-maj=32.9km s-min=12.8km az=75.0

CSEM 03 07:03:00.0-0.1, 3696N, 3545E, h25km, Mw2.9, Error ellipse: s-maj=1.5km s-min=1.1km az=90.0

ISK 03 07:03:00.0, 3695N, 3545E, h24km, MD3.6

ISCJB 03 07:03:00.3-0.3, 3690N, 002.3543E, 0D3, h31km, 3km, mb3.6/2, Error ellipse: s-maj=4.4km s-min=3.2km az=174.0

NSCC 03 07:03:04.0, 3683N, 3570E, h26km, 4km GII 03 07:03:04.0, 15.0, 3657N, 3531E, h10km, 399km, ML3.0/5, Mw2.9/3

HLW 03 07:03:20.3, 3509N, 3606E, h18km, Mb5.8

ISC 03 07:03:01.0-0.4, 3691N, 002.3546E, 003, h25km, 4km, n111, e19101/155, mb3.6/2, 10D, Turkey

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

SOF 03 07:11:18.8, 3967N, 2336E, h2km, MD3.3

ISCJB 03 07:11:21.2, 0.5, 3978N, 002.2415E, 003, h6km, 4km, Error ellipse: s-maj=4.2km s-min=3.7km az=24.9

ATH 03 07:11:22.3, 3983N, 2406E, h33km, 4km, MD3.7/13, ML3.4

THE 03 07:11:22.4, 3977N, 2416E, h1km, ML3.9

NEIC 03 07:11:22.2, 3983N, 2406E, h28km, ML3.0 (ATH), ML3.0 (THE), After ATH

CSEM 03 07:11:22.3-0.1, 3977N, 2411E, h10km, ML3.9, Error ellipse: s-maj=2.2km s-min=1.7km az=125.0

ISC 03 07:11:22.0-0.5, 3978N, 002.2414E, 003, h11km, 4km, n102, e0930/117, 27C-19D, Aegean Sea

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

ISCJB 03 07:42:06.2, 0.3, 5492N, 002.11165E, 004, h10km, mb3.0/1, Error ellipse: s-maj=3.6km s-min=2.2km az=40.4

IDC 03 07:42:07.2, 1.9, 5500N, 11185E, h0km, mb2.9/2, mb1.3/4, mb1mx3.2/21, mbtrmp3.2/4, ML3.5/2, Error ellipse: s-maj=52.7km s-min=21.1km az=123.0

MOS 03 07:42:08.7, 1.2, 5501N, 11167E, h15km, mb4.5/1, Error ellipse: s-maj=14.5km s-min=7.3km az=71.7

BYKL 03 07:42:09.5-0.2, 5501N, 11168E, h8km, 9km

NEIC 03 07:42:09.4, 1.4, 5516N, 11165E, h10km, Error ellipse: s-maj=24.6km s-min=16.7km az=111.0

ISC 03 07:42:08.6-0.3, 5497N, 002.11166E, 004, h10km, n52, e1562/96, mb3.0/1, 9C-2D, Lake Baykal region

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

3d 8h

Table with columns for station name, coordinates, and seismic data. Includes stations like OGRR, NLYR, Bodaibo, Chita, Tyrgan, Ulan-Yde, Chara, Tupik, Khani, LSTR, Irkutsk, KPC, Talya, Talaya, Orlik, Arshan, ZAK, ORL, Ulanbaatar.

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Main seismic event table with columns for station name, coordinates, magnitude, and time. Includes events like SONM Songoing Array, ZALV Zalesovo Beam, YKAR Yellowknife Ar, and various local events in the Caucasus and Mexico regions.

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Table with columns for station name, coordinates, and seismic data. Includes stations like ISHV, ISFR, IVRN, Varamin, Quchan, Seftidab, Emamqoli, Akhlamad, Razeqhan, Kalahroud, Zefreh, Miayam, Chekchek, Chekchek, Sadrabad, Pirpir, Batgh, Batgh, Il-Bayraml, Pirkuil, Siyaz, Sheki, Nakhchivan, Aktkyubinsk, Aktyubinsk, Uchtor, Ala-Archa, Borovoye, Arti, Obninsk, Kurchatov, Plostina, Makani Array, Kurchatov, Muntele Ros, Buocovina Array, Vitosha, Koldanda, Gorkha, Zalesovo, Zalesovo Beam, Daman, Pulchoki, Gumba, Muntele Ros, Geres, Arces, NOA, Ulanbaatar.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for stations like Sonseca Array, Kingsbay, etc.

ISC 03 08:41:33.3, 3.4, 13065x16699E, h167km, 27km, mb3.8/8, mb1 3.9/8, mb1mx3.7/16, mbtm3.8/8, Error ellipse: s-maj=26.8km s-min=20.4km az=73.0

NEIC 03 08:41:40.2, 2.3, 13185x16694E, h230km, 20km, mb4.5/5, Error ellipse: s-maj=15.6km s-min=15.4km az=53.0

ISCJB 03 08:41:41.0, 3.1, 1335.0, 2x1669E, 0.2, h249km, 28km, mb4.1/12, Error ellipse: s-maj=26.5km s-min=23.9km az=150.1

ISC 03 08:41:40.5, 3.2, 1325.0, 2x1669E, 0.2, h231km, 29km, n26, 0.656/14, mb4.1/12, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for stations like Mont Dzumac, Urewera, etc.

ISC 03 09:00:13.5, 0.6, 4532Sx72.42W, h0km, mb4.6/10, mb1 4.7/10, mb1mx4.6/16, mbtm4.6/10, ML3.3/1, MS4.8/14, Ms1 4.8/14, ms1mx4.7/17, Error ellipse: s-maj=30.6km s-min=15.7km az=80.0

ISCJB 03 09:00:14.2, 0.3, 4527S, 0.05x72.5W, 0.1, h10km, mb4.9/36, MS5.0/16, Error ellipse: s-maj=13.3km s-min=6.3km az=164.4

BUI 03 09:00:15.7, 4520S, 72.20W, h10km, mb5.3, Ms5.3, Msz2.5, NEIC 03 09:00:15.8, 0.3, 4524Sx72.24W, h10km, mb5.1/28, Error ellipse: s-maj=16.6km s-min=6.9km az=77.0

GCMT 03 09:00:15.8, 0.1, 4551Sx73.03W, h12km, MWV5.3/81, Moment Tensor Solution: s58, c99; s81, c138; Duration: 1s1

Moment tensor: Scale 10^17Nm; Mr=0.34, 0.2; Mw=0.24, 0.2; Mo=0.10, 0.3; Mb=0.07, 0.5; Ms=1.24, 0.2; Mw=0.08, 0.5; Best double couple: Mo1.25000, 10^17 NPT1=91.00000, 0.84.00000, 1.6.00000, NPT2=91.82.00000, 0.84.00000, 1.174.00000; Principal axes: T 1.4130, Plg0.0000, Azm316.0000; N -0.3260, Plg82.0000, Azm225.0000; P -1.0870, Plg8.0000, Azm47.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

MOS 03 09:00:18.7, 1.4, 4516Sx72.30W, h33km, mb5.2/17, Error ellipse: s-maj=36.4km s-min=11.4km az=100.6

ISC 03 09:00:16.2, 3.5, 4527S, 0.05x72.4W, 0.1, h12km, 21km, n136, 0.113/78, mb4.9, mb5.0/16, 3C-1D, Southern Chile

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for stations like Ushuaia, Coronel Fontan, etc.

Main table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for stations like ATAH, VNA3, Neumayer Olymp, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for stations like IMW, STKA, SCHO, etc.





Table with columns: Code, Name, Date, Time, Location, and other details. Includes entries like CRAC Craco, BOLS Boljevac, MCRV Calabretti, etc.

Table with columns: Code, Name, Date, Time, Location, and other details. Includes entries like ASS Assisi, STIP Stip, DJES Djerap, etc.

Table with columns: Code, Name, Date, Time, Location, and other details. Includes entries like MPRI Monte Prat, PLRO Paularo, CSNT Castellina, etc.









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Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like F09A S2 Ranch, P06A Stead Airport, CMB Columbia Colle, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H12A Diamond D Ranc, RKT Rikitea, F13A Darby, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Y12C Blythe, W13A Hualapai Mount, T14A Hurricane, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BARI Haskin, CNI Changuinola, URSC Urasca, etc.

CASC Q3 11:37:28.5:1.0, 2310S:006:667W:02, h13km, 6km, MD3.8, 3D, Panama-Costa Rica border region

mb1 3.77, mb1mx3.6/16, mbtmp3.4/7, Error ellipse:  
 s-maj=24.3km s-min=20.9km az=73.0  
 NEIC 03 11:45:26.1±1.2, 23075±6656W, h208km, 9km, mb3.9/1,  
 Error ellipse: s-maj=18.2km s-min=10.2km az=99.0  
 ISC 03 11:45:26.1±1.2, 2311S:010-666W.02, h207km, 13km, n14,  
 o=45/13, mb3.5/6, Jujy Province

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
LPAZ	La Paz	6.94	347	Op	11 47 05.8	+0.1
LPAZ	1.6mm, 0.3s, baz=144, slow=6.2, SNR=32			S		
CFAA	Coronel Fontan	8.60	190	P	11 47 27.4	+0.4
CFAA	0.1mm, 0.3s, baz=0.8, slow=10, SNR=18			S		
SIV	San Ignacio	8.76	37	P	11 47 29.1	-0.2
SIV	3.5mm, 0.6s, baz=218, slow=13, SNR=60			S		
TXAR	Lajitas Array	63.20	324	P	11 55 31.9	-0.4
TXAR	Lajitas Array	63.20	324	P	11 55 31.9	-0.4
TXAR	0.5mm, 0.7s, mb3.2, baz=157, slow=8.2, SNR=7.3			S		
TORD	Torodi Ar. Bea	75.86	69	P	11 56 50.4	+0.3
TORD	0.8mm, 0.5s, mb3.8, baz=256, slow=5.7, SNR=10.0			S		
PDAR	Pinedale Array	76.59	329	P	11 56 53.8	+0.2
PDAR	0.7mm, 0.8s, mb3.4, baz=132, slow=8.7, SNR=6.1			S		
NVAR	Mina Array Bea	78.10	321	P	11 57 02.9	+0.8
NVAR	0.7mm, 0.9s, mb3.3, baz=168, slow=8.7, SNR=5.5			S		
HLID	Halley	79.56	327	eP	11 57 09.8	-0.1
HLID	1.3mm, 0.5s, mb3.8			S		
EDM	Edmonton	86.14	334	eP	11 57 43.0	-0.5
YKA	Yellowknife Ar	93.43	340	P	11 58 17.0	-0.2
YKA	0.5mm, 0.6s, mb3.7, baz=226, slow=5.4, SNR=13			S		
ZALV	Zalesovo Beam	142.41	28	PKPdf	12 04 31.5	-2.2
ZALV	0.4mm, 0.4s, baz=316, slow=6.0, SNR=2.9			S		
MKAR	Makanchi Array	145.58	39	PKPbc	12 04 40.9	+0.8
MKAR	0.9mm, 0.6s, baz=313, slow=2.2, SNR=5.2			S		
SONM	Songino Array	154.69	11	PKPbc	12 05 03.5	+1.1
SONM	0.4mm, 0.7s, baz=276, slow=1.2, SNR=3.6			S		
SONM	0.5mm, 0.6s, baz=312, slow=3.0, SNR=5.3			S		

TIF 03 12:19:09.6, 4410N, 4204E, h6km, 1km  
 MOS 03 12:19:12.1±1.9, 4420N, 42.1E, h10km, mb4.4/1, Error  
 ellipse: s-maj=15.6km s-min=6.3km az=36.4  
 MOS Felt (III) at Cherkessk.  
 ISCJB 03 12:19:14.2±0.6, 4417N, 004.4226E, 0.04, h10km, Error  
 ellipse: s-maj=5.7km s-min=3.7km az=26.9  
 ISC 03 12:19:13.7±0.7, 4418N, 004.4218E, 0.05, h10km, n20,  
 o=117/38, 5C-6D, Western Caucasus

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
KIV	Kislovodsk	0.43	122	iPG	12 19 20.0	-2.1
KIV	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
BEYR	Belyy Ugol+	0.49	110	iPG	12 19 21.1	-2.2
BEYR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
NAGR	Nagutskaya	0.57	97	eP	12 19 22.5	-0.9
NAGR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
SHAR	Shatzhattmas	0.56	141	iPG	12 19 22.1	-2.6
SHAR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
PYA	Pyatigorsk	0.65	103	iPG	12 19 24.0	-2.3
PYA	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
KUBR	Kubataba	0.97	113	iPG	12 19 34.4	-0.4
KUBR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
LSNR	Lesken	1.49	127	iPG	12 19 41.0	+0.4
LSNR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
PRTR	Priterechnaya	1.58	105	eP	12 19 42.1	+0.4
PRTR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
DIGR	Digorskoye uzhe	1.64	141	iPG	12 19 41.2	-1.4
DIGR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
KMSR	Komsomolskaya	1.73	117	iPG	12 19 45.9	+0.3
KMSR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
KORR	Kora	1.75	128	eP	12 19 45.3	+1.1
KORR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
ARNR	Ardon	1.82	122	iPG	12 19 46.6	+1.6
ARNR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
ONI	Oni	1.85	150	P	12 19 45.5	+0.1
ONI	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
SOC	Sochi	1.88	252	eP	12 19 43.1	-2.8
SOC	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
SOC	comp=Z.42nm, 0.4s			pmax		pmax
SOC	comp=N.59nm, 0.3s			smax		smax
ZEI	Tsey	1.89	138	iPG	12 19 45.6	-0.4
BTKR	Batakoyurt	1.89	115	eP	12 19 48.6	+0.3
BTKR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
TRKR	Terskaya	1.90	103	eP	12 19 47.2	+1.0
TRKR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
LACR	Lac	2.05	131	iPG	12 19 49.9	+1.6
LACR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
SNJR	Sundja	2.21	119	eP	12 19 54.2	+0.4
SNJR	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
ANN	Anapa	3.45	282	eP	12 20 04.0	-0.4
ANN	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
ANN	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
ANN	comp=Z.38nm, 1.4s			pmax		pmax

ISCJB 03 12:48:13.4±1.3, 3364N-004.141E±0.1, h54km, 12km,  
 mb3.8/2, Error ellipse: s-maj=14.8km s-min=6.3km  
 az=16.6  
 JMA 03 12:48:13.5±0.1, 3366N:141.09E, h42km, M3.3  
 IDC 03 12:48:14.7±3.9, 3352N:141.09E, h60km, 31km, mb4.1/1,  
 Mb1 4.3/2, mb1mx3.3/17, mbtmp4.0/2, ML3.4/1, MS2.7/1,  
 Ms1 2.7/1, ms1mx2.3/26, Error ellipse: s-maj=40.4km  
 s-min=12.8km az=90.0  
 ISC 03 12:48:13.4±1.3, 3366N:005.1412E±0.1, h45km, 15km, n14,  
 o=81/22, mb3.8/2, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BSO1	Boso 1	1.06	352	Op	12 48 31.7	+0.7
BSO1	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
JHJ2	Mitsune	1.22	247	P	12 48 34.5	+0.5
JHJ2	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
JHJ	Hachijo jima 2	1.24	247	P	12 48 34.5	+0.2
JHJ	177mm, 0.3s, baz=275, slow=23, SNR=63			S		
JHJ	277mm, 0.3s, baz=249, slow=24, SNR=19			S		
BSO3	Boso 3	1.31	336	P	12 48 35.3	+0.1
BSO3	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
BSO4	Boso 4	1.54	334	P	12 48 51.2	-0.3
BSO4	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
JIM2	Oshima 3	1.81	308	P	12 48 41.6	-0.5
JIM2	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
JOD2	Odawara 2	2.38	315	P	12 48 49.7	-0.2
JOD2	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
JHU	Hanno	2.72	326	P	12 48 54.8	+0.2
JHU	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
JYT	Yasato	2.73	344	eS	12 49 27.3	+0.8
JYT	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
MJAR	Matsushiro Arr	3.70	321	P	12 49 10.6	+1.2
MJAR	2.9mm, 0.3s, baz=156, slow=13, SNR=34			S		
MJAR	2.0mm, 0.3s, baz=194, slow=16, SNR=61			S		
MAT	Matsushiro	3.80	321	P	12 49 10.9	+1.5
MAT	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
JKU	Nakatsue	8.61	270	LR	12 53 27.8	
JKU	comp=Z.52nm, 20.6s, baz=330, slow=57			S		
MKAR	Makanchi Array	85.83	305	P	12 56 31.6	+0.8
MKAR	0.2mm, 0.8s, mb3.1, baz=82, slow=7.3, SNR=3.2			S		
WRA	Warramunga Ar	53.64	188	P	12 57 28.8	-1.5
WRA	2.7mm, 0.5s, mb4.5, baz=3.5, slow=7.5, SNR=53			S		

NEIC 03 12:54:52.8, 3949N, 2060E, h18km, MD3.4(ATH), After  
 ATH.  
 ATH 03 12:54:52.7, 3949N, 2061E, h19km, 3km, MD3.4/7  
 ISCJB 03 12:54:53.8±0.9, 3945N, 003.207E±0.1, h9km, 11km, Error  
 ellipse: s-maj=14.8km s-min=5.6km az=63.9  
 CSEM 03 12:54:53.3±0.2, 3943N, 2060E, h2km, MD3.4, Error  
 ellipse: s-maj=5.9km s-min=4.6km az=79.0  
 ISC 03 12:54:55.3±0.8, 3941N, 003.209E±0.1, h7km, 9km, n26,  
 o=113/35, 12C-8D, Greece-Albania border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JAN	Janina	0.24	357	iPG	12 54 57.8	-2.3
JAN	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
JAN	Janina	0.24	357	iPG	12 55 02.7	-0.7
JAN	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
JAN	Janina	0.24	357	iPG	12 54 57.8	-2.3
JAN	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JAN	Janina	0.24	357	iPG	12 55 02.7	-0.7
JAN	0.1mm, 0.3s, baz=132, slow=10, SNR=18			S		
KEK	Kerkira	0.88	290	iPG	12 55 05.7	-6.4
KEK	0.88 290 iPG			S		
KEK	Kerkira	0.88	290	iPG	12 55 05.7	-6.4
KEK	0.88 290 iPG			S		
EVR	Ervytania	0.89	124	iPG	12 55 12.7	-0.2
EVR	0.89 124 iPG			S		
EVR	Ervytania	0.89	124	iPG	12 55 12.7	-0.2
EVR	0.89 124 iPG			S		
THR	Klokotos Trika	0.90	80	iPG	12 55 14.0	-0.3
THR	0.90 80 iPG			S		
THR	Klokotos Trika	0.90	80	iPG	12 55 14.0	-0.3
THR	0.90 80 iPG			S		
KZK	Kozani	1.13	38	iPG	12 55 15.9	-1.6
KZK	1.13 38 iPG			S		
KZK	Kozani	1.13	38	iPG	12 55 15.9	-1.6
KZK	1.13 38 iPG			S		
VLS	Valsamata	1.25	190	iPG	12 55 17.3	-1.9
VLS	1.25 190 iPG			S		
VLS	Valsamata	1.25	190	iPG	12 55 17.3	-1.9
VLS	1.25 190 iPG			S		
RLS	Riolos of Patr	1.43	161	iPG	12 55 22.0	+0.4
RLS	1.43 161 iPG			S		
RLS	Riolos of Patr	1.43	161	iPG	12 55 22.0	+0.4
RLS	1.43 161 iPG			S		
RIA	Riolos of Patr	1.64	12	eP	12 55 23.7	-0.8
RIA	1.64 12 eP			S		
RIA	Bitola	1.64	12	eP	12 55 23.7	-0.8
RIA	1.64 12 eP			S		
BIA	Bitola	1.64	12	eP	12 55 23.7	-0.8
BIA	1.64 12 eP			S		
BIA	Bitola	1.64	12	eP	12 55 23.7	-0.8
BIA	1.64 12 eP			S		









PYM	Petit Puy Mans	17.74 310	eP	Pn	13 47 25.0	-0.6	ETOB	Tobarra	19.34 286	P	Pn	13 47 43.5	-1.4	MAK	Makhachkala	20.57 62	eP	P	13 47 57.0	+0.3	
ABH	Alteburg	17.78 327	eP	Pn	13 47 27.8	+1.8	ECOG	comp=Z,139nm,0.7s							ECOG	Cogollos-Vega	20.97 282	P	P	13 48 02.0	+0.9
AGO	Saint Agoulin	17.81 311	eP	Pn	13 47 24.8	-1.6	VORD	Divnogorie	19.39 33	eP	Pn	13 47 42.7	-2.7	ECOG	Cogollos-Vega	20.97 282	P	P	13 48 02.0	+0.9	
GKP	Gorka Klasztor	17.84 350	eP	Pn	13 47 28.6	+1.8	VORD							LDF	La Druitiere	20.97 315	eP	P	13 48 01.4	+0.4	
FRNF	Fournols	17.86 308	eP	Pn	13 47 27.4	+0.4	VORD	comp=Z,140nm,0.6s						LDF							
SALF	Salau	17.89 299	eP	Pn	13 47 28.5	+1.4	VORD	comp=N,190nm,0.7s						LDF	comp=Z,721nm,0.9s						
RUP	Ruppelstein	17.87 326	eP	Pn	13 47 28.3	+1.2	VORD	comp=E,210nm,0.7s						LDF	La Druitiere	20.97 315	eP	P	13 48 01.4	+0.4	
GOR	Gorfi	17.91 63	P	S	13 47 37.3	+1.0	VORD	comp=N,190nm,0.7s						LDF	comp=Z,1um,0.9s						
ZEI	Tsey	17.95 61	eP	S	13 51 12.2	+2.2	VORD	comp=E,210nm,0.7s						LDF	La Druitiere	20.97 315	eP	P	13 48 01.4	+0.4	
MLS	Moulis	17.98 300	eP	S	13 50 49.9	-1.4	VORD	comp=Z,440nm,7.8s						EGUA	Gujajeres	21.00 281	P	P	13 48 01.6	+0.1	
CAF	Calviac	17.99 307	eP	Pn	13 47 28.5	-0.1	VORD	comp=N,1um,9.0s						EGUA	Gujajeres	21.00 281	P	P	13 48 01.6	+0.2	
CAF							VORD	comp=E,690nm,8.3s						COP	Copenhagen	21.04 344	i/P	S	13 48 01.9	+0.2	
CAF	comp=Z,189nm,1.1s						VORD	comp=N,1um,9.0s						COP							
CAF	Calviac	17.99 307	eP	Pn	13 47 28.5	-0.1	VORD	comp=E,690nm,8.3s						COP	comp=Z,260nm,0.9s,mb5.6						
CAF	comp=Z,377nm,1.1s						VORD	comp=Z,270nm,6.0s						COP	comp=Z,360nm,17.0s						
LOR	Lormes	17.99 315	eP	Pn	13 47 27.7	-0.9	VORD	comp=N,290nm,7.0s						COP	Copenhagen	21.04 344	i/P	S	13 48 01.9	+0.2	
LOR	comp=Z,145nm,1.0s						VORD	comp=N,290nm,7.0s						COP	comp=Z,256nm,0.9s,mb5.6						
LOR	Lormes	17.99 315	eP	Pn	13 47 27.7	-0.9	VORD	comp=E,510nm,7.0s						COP							
LOR	comp=Z,289nm,1.0s						VORD	Divnogorie	19.39 33	eP	Pn	13 47 42.7	-2.7	COP	comp=Z,360nm,17.0s						
LOR	comp=Z,665nm,21.0s						VORD	comp=E,140nm,0.6s						COP	Copenhagen	21.04 344	i/P	S	13 48 01.9	+0.2	
LOR	comp=Z,145nm,1.0s						VORD	comp=E,270nm,6.0s						COP	comp=Z,260nm,0.9s,mb5.6						
AVF	Avril sur Loir	18.04 313	eP	Pn	13 47 27.6	-1.6	BAIF	Baives	19.47 323	eP	Pn	13 47 45.4	-0.9	PQL	Pirkuli	21.05 68	P	P	13 48 02.6	+0.7	
AVF	comp=Z,127nm,0.8s						BAIF	comp=Z,201nm,0.8s						PQL	SNR=57						
AVF	Avril sur Loir	18.04 313	eP	Pn	13 47 27.6	-1.6	BAIF	Baives	19.47 323	eP	Pn	13 47 45.4	-0.9	PQL	SNR=57						
AVF	comp=Z,254nm,0.8s						BAIF	comp=Z,403nm,0.8s						PQL	SNR=57						
AVF	Avril sur Loir	18.04 313	eP	Pn	13 47 27.6	-1.6	BAIF	Baives	19.47 323	eP	Pn	13 47 45.4	-0.9	PQL	SNR=57						
MEZF	Maizieres J vi	18.05 320	eP	Pn	13 47 29.6	+0.2	LARF	Larrau	19.48 299	eP	Pn	13 47 45.5	-1.1	EBAN	Banos Encina	21.10 284	P	P	13 48 02.7	+0.2	
MEZF	comp=Z,812nm,1.0s						ORDF	Ordari	19.49 299	eP	Pn	13 47 44.9	-1.7	EBAN	comp=Z,58nm,0.8s,mb5.0						
MEZF	Maizieres J vi	18.05 320	eP	Pn	13 47 29.6	+0.2	VRSR	Storzechoyev	19.52 33	eP	Pn	13 47 44.3	-2.6	EBAN	Banos Encina	21.10 284	P	P	13 48 02.7	+0.2	
MEZF	comp=Z,812nm,1.0s						VRSR							EBAN	comp=Z,58nm,0.8s,mb5.0						
SSF	Saint Saugle	18.09 314	eP	Pn	13 47 28.9	-0.9	VRSR							ERON	Agron	21.18 281	P	P	13 48 04.3	+0.9	
SSF	comp=Z,166nm,0.9s						VRSR	comp=E,70nm,0.8s						ERON	comp=Z,94nm,1.0s,mb5.1						
SSF	Saint Saugle	18.09 314	eP	Pn	13 47 28.9	-0.9	VRSR	comp=Z,40nm,0.8s						ESDC	Sonsec Array	21.24 288	P	P	13 48 03.0	-1.0	
SSF	comp=Z,335nm,0.9s						VRSR	comp=N,70nm,0.9s						ESDC	comp=Z,6.9nm,0.8s,mb4.0						
SSF	Saint Saugle	18.09 314	eP	Pn	13 47 28.9	-0.9	VRSR	comp=N,40nm,0.9s						ESDC	Sonsec Array	21.24 288	P	P	13 48 03.0	-1.0	
SSF	comp=Z,166nm,0.9s						VRSR	comp=N,40nm,0.9s						ESDC	comp=Z,33nm,0.6s,mb4.8,baz=90,slow=11,SNR=77						
ERTA	Horta de San J	18.10 293	P	Pn	13 47 30.6	+0.7	VRSR	comp=Z,10.0nm,1.0s						ESLA	Sonsec Array	21.24 288	eP	P	13 48 03.7	-0.3	
ERTA	comp=Z,109nm,1.1s						VRSR	comp=E,20nm,0.7s						ESLA	comp=Z,6.9nm,0.8s,mb4.0						
MELF	Melles	18.20 299	eP	Pn	13 47 32.8	+1.6	VRSR	comp=N,110nm,19.0s						ESLA	Sonsec Array	21.24 288	eP	P	13 48 03.7	-0.3	
SUW	Suwalki	18.21 1	eP	Pn	13 47 31.2	0.0	VRSR	Storzechoyev	19.52 33	eP	Pn	13 47 44.3	-2.6	FLN	La Foliniere	21.26 315	eP	P	13 48 04.4	+0.3	
BHD	Baghdad	18.21 92	i/P	x	13 47 28.0		VRSR	comp=Z,70nm,0.9s						FLN	comp=Z,1um,0.8s,mb6.2						
BHD							VRSR	comp=Z,110nm,19.0s						FLN	comp=Z,690nm,20.0s,MS4.0						
CLZ	Clausthal	18.21 335	eP	Pn	13 47 31.9	+0.6	WTBS	Winterswijk	19.64 330	i/P	Pn	13 47 48.2	-0.2	FLN	La Foliniere	21.26 315	eP	P	13 48 04.4	+0.3	
CLZ	Clausthal	18.21 335	eP	Pn	13 47 31.9	+0.6	WTBS	comp=Z,222nm,1.4s						FLN	comp=Z,1um,0.8s,mb6.2						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	SJPF	Ste Jean	19.67 299	eP	Pn	13 47 47.7	-1.1	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						SJPF	comp=Z,338nm,1.0s,SNR=1.0						FLN	La Foliniere	21.26 315	eP	P	13 48 04.4	+0.3	
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	SJPF	Ste Jean	19.67 299	eP	Pn	13 47 47.7	-1.1	FLN	comp=Z,2um,0.8s,mb6.2						
BGF	comp=Z,304nm,0.7s						IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	La Foliniere	21.26 315	eP	P	13 48 04.4	+0.3	
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	comp=Z,152nm,0.7s						IIGN	comp=Z,143nm,1.2s,SNR=35						FLN	comp=Z,690nm,20.0s,MS4.0						
BGF	Bois d'Agland	18.22 312	eP	Pn	13 47 31.2	-0.2	IIGN	Ignalina	19.71 6	eP	Pn	13 47 46.1	-3.0	FLN	comp=Z,690nm,20.0s,MS4.0						
B																					

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like MOS Moscow, QUIT Quistinic, and various other regional stations.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like HFS comp=Z,672nm,18.4s,MS4.2,baz=165,slow=41, HFS Hagfors, and various other regional stations.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like BANOM Banah, MORB Mor Rana, ASHO Ashyiah, and various other regional stations.













3d 16h

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like D15A Lincoln, G13A Cobalt, O07A Toulon, etc.

2007 FEB

Table with columns: MDJ, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like Q11A Duckwater, S10A Tonah Range, PKM Peak Mountain, etc.

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Table with columns: Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like JUNU Nakatsue, 116A Eloy, SDCO Great Sand Dune, etc.

Table with columns: STA, Name, RA, Dec, Az, Alt, etc. Includes stations like GTA, LZH, KURK, WMQ, MK31, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like BOSA, HNR, DZM, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like QSPA, SLKM, TXAR, ANMO, etc.









GTA	Gaotai	47.25 311	P	P	19 39 47.1 +0.6
GTA			AP	pP	19 40 10.8 +0.4
GTA			XP	sP	19 40 21.5 -0.2
GTA			PCP	ScP	19 41 20.1 +3.8
GTA			SCP	ScP	19 45 01.7 +0.5
GTA			PCPS	PoS	19 45 14.2 +2.7
GTA			S	S	19 46 33.3 +1.1
GTA			SS	sS	19 47 14.2 +1.1
GTA			SScS	ScS	19 49 29.7 -1.0
GTA			SS	SS	19 49 55.2 -5.6
GTA	comp=Z,17nm,1.0s,mb4.7		AMB	AMB	
GTA	comp=Z,215nm,5.7s		AMB	AMB	
GTA	comp=N,305nm,18.0s		LR	LR	
GTA	comp=E,293nm,19.9s		LR	LR	
GTA	comp=Z,413nm,19.1s		LR	LR	
FORT	Forrest	47.35 200	eP	P	19 39 46.8 -0.5
FORT	comp=Z,110nm,0.8s,mb5.6				
FORT					19 39 57.0
FORT					19 39 59.5 -0.9
CNB	Canberra Magne	49.06 176	e	P	
CNB	comp=Z,229nm,0.8s,mb5.2				
CNB					19 40 11.2
SEY	Seymchan	49.27 41	eP	P	19 40 00.5 -1.2
YAK	Yakutsk	49.38 350	eP	P	19 39 58.8 -2.6
YAK	comp=Z,47nm,0.7s,mb5.5				
YAK			pP	pP	19 40 25.9 -0.6
YAK			eS	S	19 40 01.1 -1.4
YAK			pmax	pmax	19 46 58.5 -3.0
YAK	comp=N,9.0nm,0.9s				
YAK	comp=Z,40nm,0.9s,mb5.3				
YAK	comp=E,3.0nm,0.8s				
YAK	comp=N,56nm,2.6s				
BOD	Bodaibo	49.79 339	eP	P	19 40 04.7 -1.0
BOD	comp=Z,11nm,0.9s,mb4.8				
ZAK	Zakamensk	49.80 326	eP	P	19 40 05.5 -0.4
ZAK	comp=Z,4.0nm,1.0s,mb4.3				
ZAK			pmax	pmax	19 40 25.3 -4.7
ZAK	comp=Z,14nm,1.2s,mb4.8				
TLY	Talaya	50.31 328	eP	P	19 40 09.5 -0.2
TLY	comp=Z,15nm,0.7s,mb5.0				
TLY			eP	pP	19 40 34.2 +0.4
TLY			eScP	ScP	19 45 14.0 0.0
TLY	Talaya	50.31 328	eP	P	19 40 09.1 -0.6
TLY			eS	S	19 47 20.8 +6.1
TLY			pmax	pmax	19 48 06.6
TLY	comp=Z,7.0nm,0.9s,mb4.6				
TLY			MLR	MLR	
TLY	comp=Z,107nm,15.0s				
TLY	Talaya	50.31 328	P	pP	19 40 36.3 +2.5
TLY	SNR=5.4				
TLY	Talaya	50.31 328	P	pP	19 40 36.3 +2.5
TLY	SNR=5.4				
AFI	Afihamalu	50.74 121	P	P	19 40 12.1 -1.4
AFI	comp=Z,48nm,0.9s,mb5.5,comp=Z,217,slow=2.8,SNR=3.6				
TOO	Toolangi	51.15 180	eP	P	19 40 16.6 +0.4
TOO	comp=Z,80nm,0.8s,mb5.8				
TOO			eP	pmax	19 40 27.7
TOO			eP	pmax	19 40 16.6 +0.4
TOO	comp=Z,80nm,0.8s,mb5.8				
KLBR	Kellerberrin	52.31 210	eP	P	19 40 23.9 -1.0
KLBR	comp=Z,30nm,0.7s,mb5.4				
MUN	Mundaring	53.38 211	eP	P	19 40 31.8 -1.0
NWAO	Narrogin (SRO)	53.65 209	eP	P	19 40 31.4 -0.6
NWAO	comp=Z,13nm,0.8s,mb5.0				
NWAO	Narrogin (SRO)	53.66 209	eP	pP	19 41 02.7 +3.6
NWAO			ePP	pP	19 40 34.1 -0.7
NWAO			pmax	pmax	19 41 02.7 +3.6
UNV	Unalaska Valle	54.92 33	eP	P	19 40 42.1 -1.6
UNV	comp=Z,181nm,0.8s,mb5.2				
TAPN	Taplejung	55.05 294	eP	pP	19 41 06.5 -1.6
TAPN	comp=Z,79nm,0.6s,mb5.9				
ODAN	Odare	55.32 293	eP	P	19 40 47.0 0.0
ODAN	comp=Z,67nm,0.8s,mb5.7				
BILL	Bilibino	55.84 91	eP	P	19 40 47.5 -2.5
BILL	comp=Z,42nm,1.3s,mb5.3				
BILL	Bilibino	55.84 91	eP	pP	19 40 48.4 -1.7
BILL			ePP	pP	19 41 12.0 -2.6
BILL			eS	S	19 42 52.8
BILL			pmax	pmax	19 48 26.9 -2.5
JIRN	Jiri	56.41 294	eP	P	19 40 55.1 +0.3
JIRN	comp=Z,114nm,0.6s,mb5.1				
TAU	Tasmania Unive	56.52 178	P	P	19 40 55.1 0.0
TAU	comp=Z,256nm,1.0s,mb2.2,SNR=8.1				
TAU	Tasmania Unive	56.52 178	P	P	19 40 55.0 -0.2
TAU	comp=Z,73nm,1.3s,mb5.5				
TAU	Tasmania Unive	56.52 178	P	pmax	19 40 55.0 -0.1
GUN	Gumba	56.69 294	eP	P	19 40 57.0 +0.2
GUN	comp=Z,215nm,0.7s,mb5.3				
PKI	Pulchoki	57.10 294	eP	P	19 40 59.4 -0.3
PKI	comp=Z,60nm,0.6s,mb5.6				
WMQ	Urumqi	57.20 313	P	P	19 41 01.3 +1.2
WMQ			AP	pP	19 41 25.2 +0.5
WMQ			XP	sP	19 41 36.3 +0.4
WMQ			PCP	pP	19 41 54.5 +1.0
WMQ			PP	PP	19 43 11.3 -3.0
WMQ			S	S	19 48 47.4 -0.6
WMQ			SScS	ScS	19 50 37.4 -2.5
WMQ			SS	SS	19 52 39.2 +0.8
WMQ	comp=Z,41nm,1.0s,mb5.4				
WMQ	comp=Z,64nm,1.1s				
WMQ	comp=N,301nm,19.4s		LR	LR	
WMQ	comp=E,187nm,20.6s		LR	LR	
WMQ	comp=Z,226nm,24.2s				
KKN	Kakan	57.21 294	eP	P	19 41 00.2 -0.3
KKN	comp=Z,80nm,0.7s,mb5.8				
DMN	Daman	57.37 294	eP	P	19 41 01.4 -0.2
DMN	comp=Z,103nm,0.6s,mb5.0				
GKN	Gorkha	57.79 294	eP	P	19 41 04.1 -0.4
GKN	comp=Z,167nm,0.7s,mb5.2				
TIXI	Tiksi	58.60 354	eP	pmax	19 41 08.2 -1.2
TIXI	comp=Z,4.0nm,1.0s,mb4.4				
KOLN	Koldana	58.70 294	eP	P	19 41 10.6 -0.3
KOLN	comp=Z,107nm,0.7s,mb5.0				
SDPT	Sand Point	58.74 33	eP	P	19 41 09.0 -1.6
SDPT	comp=Z,107nm,0.7s,mb5.0				
TNA	Tin City	60.48 20	eP	pP	19 41 35.7 +0.3
TNA	comp=Z,5.1nm,0.8s,mb4.6				
MK31	Makanchi Array	61.53 316	P	P	19 41 29.7 -0.2
MK31			eP	pP	19 41 56.8 +2.1
MK31			eScP	ScP	19 46 03.0 -0.3
MK31			eS	S	19 49 44.9 +1.2
MK31			P	P	19 41 29.7 -0.2
MK31	Makanchi Array	61.53 316	P	pP	19 41 26.8 +2.0
MK31			eS	S	19 49 44.9 +1.2
MK31			P	P	19 41 29.7 -0.1
MKAR	Makanchi Array	61.53 316	P	P	19 41 29.7 -0.1
MKAR			ScP	ScP	19 46 03.2 -0.2
MKAR			S	S	19 49 45.1 +1.4
MKAR			1	1	19 41 29.7 -0.2
MKAR	Makanchi Array	61.53 316	P	P	19 49 45.2 +1.5
MKAR			S	S	19 41 29.7 -0.1
MKAR	comp=Z,21nm,0.6s,mb5.3,baz=92,slow=7.9,SNR=209				
MKAR	comp=Z,1.9nm,0.8s,baz=106,slow=4.7,SNR=6				
MKAR			S	S	19 49 45.1 +1.4
MKAR	comp=Z,0.7nm,1.0s,baz=94,slow=4.3,SNR=4.0				
MKAR			PKP2bc	PKP2bc	20 10 47.0

comp=Z,5.1nm,1.2s,baz=329,slow=1.4,SNR=9.5					
ZALV	Zalesovo Beam	61.60 324	P	P	19 41 29.3 -0.9
ZALV			S	S	19 49 43.8 -0.6
ZALV			LR	LR	20 08 48.2
ZALV			1R	1R	20 10 44.6
ZALV	Zalesovo Beam	61.60 324	P	P	19 41 29.3 -0.9
ZALV	comp=Z,2.4nm,0.4s,mb4.6,baz=103,slow=7.3,SNR=17				
ZALV			S	S	19 49 43.8 -0.6
ZALV	comp=Z,1.1nm,0.8s,baz=84,slow=7.6,SNR=4.0				
ZALV	comp=Z,97nm,19.2s,baz=127,slow=36				
ZALV			LR	LR	20 08 48.2
ZALV			PKP2bc	PKP2bc	20 10 44.6
ZALV	comp=Z,1.0nm,0.7s,baz=302,slow=3.3,SNR=6.0				
ZALV	Zalesovo	61.61 324	P	P	19 41 29.3 -1.0
ZALV			S	S	19 49 43.8 -0.7
ZALV			S	S	19 41 41.1 -0.2
ZALV			P	P	19 41 43.0 -0.9
ZALV	SVWZ	63.28 28	eP	P	19 41 41.1 -0.2
ZALV	Kodiak Island	63.67 32	P	P	19 41 43.0 -0.9
ZALV	comp=Z,381nm,1.1s,mb6.1,SNR=25				
ZALV	Kodiak Island	63.67 32	eP	P	19 41 42.6 -1.2
ZALV	comp=Z,74nm,1.1s,mb5.4				
KDAK	Kodiak Island	63.67 32	eP	pP	19 42 05.8 -3.1
KDAK	comp=Z,53nm,1.0s,mb5.3,baz=232,slow=2.1,SNR=58				
KDAK	Kodiak Island	63.67 32	P	pP	19 41 43.5 -0.4
KDAK	Hyderabad	64.01 283	eP	pP	19 41 47.0 +0.2
KDAK	Hyderabad	64.01 283	P	pP	19 42 12.5 +0.6
KDAK			eP	pP	19 42 20.0 -1.5
KDAK			eS	S	19 50 16.0 +0.3
KDAK			eP	pP	19 41 49.8 -0.3
KURK	Kurchatov	64.59 320	P	P	19 41 49.3 -1.0
KURK	comp=Z,56nm,0.9s,mb5.4				
KURK	Kurchatov	64.59 320	eP	pP	19 42 15.3 +0.1
KURK			eP	pP	19 41 49.1 -1.0
KURK			ePP	pmax	19 42 15.3 +0.1
KURK			ePP	pmax	19 41 49.5 -0.6
KURK	Kurchatov	64.59 320	P	P	19 41 49.5 -0.6
KURK	SNR=13				
KURK	Kurchatov	64.59 320	P	P	19 41 49.5 -0.6
KURK	SNR=13				
KURK	Kurchatov	64.59 320	P	P	19 41 49.5 -0.6
KURK	SNR=13				
KURK	Kurchatov	64.59 320	P	P	19 41 49.5 -0.6
KURK	SNR=13				
ULHL	Ulhaloh	65.28 310	P	P	19 41 56.6 +1.9
ULHL	SNR=13				
KSH	Kashi	65.35 307	eP	pP	19 41 57.1 +1.9
KSH			eAP	pP	19 42 21.5 +1.2
KSH			eXP	sP	19 42 32.5 +1.2
KSH			ePP	PP	19 44 25.1 +5.1
KSH			ePPP		19 46 00.7
KSH			eScP	ScP	19 46 20.6
KSH			ePCSc		19 46 31.0
KSH			eS	S	19 50 30.5 -0.9
KSH			ePS		19 51 09.6
KSH			eXS	sS	19 51 15.4 +0.9
KSH			eScS	ScS	19 51 40.1 -1.3
KSH			eSS	SS	19 54 50.3 +4.2
KSH	comp=Z,350nm,6.1s				
KSH	comp=N,446nm,5.4s		LR	LR	
KSH	comp=E,451nm,5.3s		LR	LR	
KSH	comp=Z,629nm,5.4s		LR	LR	
SLKM	Skilak Lake	65.59 29	eP	P	19 41 55.2 -1.2
SLKM			eP	pP	19 42 03.3 -0.3
TKM2	Tokmak 2	65.80 311	P	P	19 41 58.6 +0.6
TKM2	SNR=14				
TKM2	Tokmak 2	65.80 311	eP	pP	19 41 57.6 -0.4
TKM2	comp=Z,14nm,0.8s,mb4.8				
TKM2			eP	pP	19 42 24.1 +1.0
TKM2			eP	pP	19 41 57.6 -0.4
TKM2			ePP	pP	19 42 24.1 +0.9
TKM2			pmax	pmax	
TKM2	comp=Z,14nm,0.8s,mb4.8				
IMA2	Indian Moutai	65.87 23	eP	P	19 41 57.2 -0.8
KZA	Kyzart	66.00 310	P	P	19 42 00.6 +1.2
KZA	SNR=31				
KBK	Karagaybulak	66.26 311	P	P	19 42 01.1 +0.1
KBK	SNR=20				
PMR	Palmer	66.39 28	eP	P	19 41 59.6 -1.8
PMR	comp=Z,19nm,0.9s,mb4.9				
PMR	Palmer	66.39 28	eP	pmax	19 41 59.6 -1.8
PMR	comp=Z,19nm,0.9s,mb4.9				
PMR	Chumysh	66.42 311	P	P	19 42 02.0 0.0
PMR	SNR=6.7				
UCH	Uchtor	66.56 310	P	P	19 42 03.9 +1.0
UCH	SNR=26				
UCH	Uchtor	66.56 310	P	P	19 42 03.6 +0.7
UCH	comp=Z,19nm,0.9s,mb4.9				
UCH			e	pP	19 42 27.8 -0.4
AAK	Ala-Archa	66.59 311	P	pP	19 42 02.7 -0.4
AAK	comp=Z,65nm,0				

3d 19h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like E06A Yakima, BUOR Burton Butte, HOQ Hoqain, etc.

2007 FEB

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like J07A Hines, PACP Pacheco Peak, LAVA Lava Cap Winer, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like M09A Marrel Ranch, KEV Kevo, HELL Mitchell Bell, etc.

L12A	baz=88,SNR=27 House Creek Ra	87.91	47	↑P	P	19 44 02.6 +0.6
HLID	Hailey	87.92	46	↑P	P	19 44 01.2 -0.9
HLID	Hailey	87.92	46	↑P	P	19 44 02.2 +0.1
S10A	baz=88,SNR=46 Tonopah Range,	87.93	52	↑P	P	19 44 02.3 +0.1
F14A	baz=88,SNR=35 Wisdom	87.96	43	↑P	P	19 44 01.9 -0.3
O11A	baz=88,SNR=9.4 Cowboy Ranch,	88.02	49	↑P	P	19 44 02.9 +0.2
I13A	baz=88,SNR=32 Wildhorse Cree	88.02	45	↑P	P	19 44 02.7 +0.1
R10A	baz=88,SNR=6.7 Warm Springs	88.05	51	↑P	P	19 44 03.5 +0.7
BFSC	baz=88,SNR=6.7 Mount Baldy St	88.08	55	↑P	P	19 44 03.3 +0.2
P11A	baz=88,SNR=6.9 Circle Ranch,	88.11	50	↑P	P	19 44 03.7 +0.6
FURC	baz=88,SNR=5.6 Furnace Creek,	88.12	53	↑P	P	19 44 03.6 +0.4
J13A	baz=88,SNR=30 Cove Ranch, Pi	88.14	46	↑P	P	19 44 03.4 +0.3
D15A	baz=88,SNR=11 Lincoln	88.14	42	↑P	P	19 44 02.7 -0.4
ELK	Elko	88.15	49	↑P	P	19 44 03.1 -0.2
ELK	Elko	88.15	49	↑P	P	19 44 28.8 -0.9
ELK	Elko	88.15	49	↑P	P	19 44 03.1 -0.2
ELK	Elko	88.15	49	↑P	P	19 44 28.8 -0.9
M12A	baz=88,SNR=7.3 Wills	88.19	48	↑P	P	19 44 04.2 +0.8
JOF	Joensuu	88.19	335	ep	P	19 43 59.8 -3.2
E15A	baz=88,SNR=4.2 Deer Lodge	88.25	43	↑P	P	19 44 03.6 0.0
N12A	baz=88,SNR=11 Clover Valley,	88.26	48	↑P	P	19 44 04.1 +0.3
Q11A	baz=88,SNR=20 Duckwater	88.38	50	↑P	P	19 44 04.7 +0.3
K13A	baz=88,SNR=9.3 Stover Farm, H	88.42	46	↑P	P	19 44 05.2 +0.8
RRX	Edison Barstow	88.44	55	↑P	P	19 44 05.2 +0.5
GSC	Goldstone	88.48	54	↑P	P	19 44 05.3 +0.3
F15A	baz=88,SNR=23 Butte	88.53	43	↑P	P	19 44 04.9 -0.1
U10A	baz=88,SNR=3 Ash Meadows, A	88.54	53	↑P	P	19 44 05.9 +0.7
TRCR	baz=88,SNR=16 Troy Canyon	88.57	51	↑P	P	19 44 04.9 -0.4
MURC	baz=88,SNR=16 Murrieta	88.62	56	↑P	P	19 44 05.5 -0.2
O12A	baz=88,SNR=31 Currie	88.65	49	↑P	P	19 44 05.7 +0.1
L13A	baz=88,SNR=14 Double Diamond	88.69	47	↑P	P	19 44 06.6 +0.8
SHOC	baz=88,SNR=5.5 Shoshone	88.72	53	↑P	P	19 44 06.4 +0.3
M13A	baz=88,SNR=19 Montello	88.75	48	↑P	P	19 44 06.5 +0.4
G15A	baz=88,SNR=16 Dillon	88.75	44	↑P	P	19 44 06.0 0.0
P12A	baz=88,SNR=16 McGill	88.76	50	↑P	P	19 44 06.7 +0.6
ZEI	baz=88,SNR=16 Tsey	88.81	314	ep	P	19 44 04.6 -1.7
MIR	baz=88,SNR=16 Mirny	88.84	198	↑P	P	19 44 07.0 +1.2
N13A	baz=88,SNR=6.3 Wendover, West	88.87	48	↑P	P	19 44 07.0 +0.4
109C	baz=88,SNR=17 Camp Elliot, M	88.89	57	↑P	P	19 44 06.7 -0.2
Q12A	baz=88,SNR=17 Willow Creek R	88.94	50	↑P	P	19 44 07.7 +0.6
H2C	baz=88,SNR=13 Hector,Ludlow	88.98	54	↑P	P	19 44 07.5 +0.2
OBN	baz=88,SNR=13 Obninsk	89.06	327	↑P	P	19 44 05.6 -1.6
VRSR	baz=88,SNR=13 Storozhevoye	89.06	323	ep	P	19 44 04.6 -2.7
K14A	baz=88,SNR=17 Jones Ranch, D	89.09	46	↑P	P	19 44 08.3 +0.7
TUQ	baz=88,SNR=18 Turquoise Mtn.	89.13	54	↑P	P	19 44 08.3 +0.3
BOZ	baz=88,SNR=18 Bozeman (W)	89.17	43	ep	P	19 44 07.2 -0.7
BOZ	baz=88,SNR=18 Bozeman (W)	89.17	43	ep	P	19 44 34.0 -0.4
BOZ	baz=88,SNR=18 Bozeman (W)	89.17	43	ep	P	19 44 07.2 -0.7
BOZ	baz=88,SNR=18 Bozeman (W)	89.17	43	ep	P	19 44 34.0 -0.4
BOZ	baz=88,SNR=18 Bozeman (W)	89.17	43	ep	P	19 44 08.1 +0.2
PFO	baz=88,SNR=15 Pinyon Flat Ob	89.22	56	↑P	P	19 44 08.6 +0.0
PFO	baz=88,SNR=15 Pinyon Flat Ob	89.22	56	↑P	P	19 44 08.0 -0.4
PFO	baz=88,SNR=15 Pinyon Flat Ob	89.22	56	↑P	P	19 44 32.6 -2.3
PFO	baz=88,SNR=15 Pinyon Flat Ob	89.22	56	↑P	P	19 44 32.6 -2.3
PFO	baz=88,SNR=15 Pinyon Flat Ob	89.22	56	↑P	P	19 44 08.6 +0.2
U11A	baz=88,SNR=13 Corn Creek	89.27	53	↑P	P	19 44 09.4 +0.8
KIV	baz=88,SNR=13 Kislovodsk	89.28	315	ep	P	19 44 06.9 -1.6
KIV	baz=88,SNR=13 Kislovodsk	89.28	315	ep	P	19 44 07.3 -1.2
KIV	baz=88,SNR=13 Kislovodsk	89.28	315	ep	P	19 44 34.5 -0.5
KIV	baz=88,SNR=13 Kislovodsk	89.28	315	ep	P	19 47 37.6
KIV	baz=88,SNR=13 Kislovodsk	89.28	315	ep	P	19 55 32.6 -1.7
KIV	baz=88,SNR=13 Kislovodsk	89.28	315	ep	P	19 55 35.2 -1.2
R12A	baz=88,SNR=24 Pony Springs,	89.31	51	↑P	P	19 44 09.4 +0.6
V11A	baz=88,SNR=14 Goodspings	89.40	53	↑P	P	19 44 09.8 +0.5
MONP	baz=88,SNR=18 Monument Peak	89.44	56	↑P	P	19 44 09.6 0.0
BELC	baz=88,SNR=21 Belle Mtn.	89.47	55	↑P	P	19 44 09.5 -0.2
GMRC	baz=88,SNR=21 Ginger Mounta	89.52	54	↑P	P	19 44 10.0 +0.1
QLMT	baz=88,SNR=22 Earthquake Lak	89.57	44	ep	P	19 44 10.4 +0.5
QLMT	baz=88,SNR=22 Earthquake Lak	89.57	44	ep	P	19 44 33.7 -2.7
EGMT	baz=88,SNR=22 Eagleton	89.58	40	↑P	P	19 44 09.5 -0.3
HVU	baz=88,SNR=22 Hansel Valley	89.61	47	↑P	P	19 44 09.7 -0.4
HVU	baz=88,SNR=22 Hansel Valley	89.61	47	↑P	P	19 44 33.9 -2.6
HVU	baz=88,SNR=22 Hansel Valley	89.61	47	↑P	P	19 44 09.7 -0.4
HVU	baz=88,SNR=22 Hansel Valley	89.61	47	↑P	P	19 44 33.9 -2.7
QRN	baz=88,SNR=22 Al-Qurain	89.68	299	ep	P	19 44 09.1 -1.7
T12A	baz=88,SNR=24 Moapa	89.70	52	↑P	P	19 44 11.4 +0.8
DVB	baz=88,SNR=11 Desert V Tower	89.77	56	↑P	P	19 44 11.3 +0.2
M10C	baz=88,SNR=11 Mutribah	89.88	301	ep	P	19 44 09.1 -2.6
M10C	baz=88,SNR=11 Mutribah	89.88	301	ep	P	19 44 11.4
V12A	baz=88,SNR=19 Nelson	89.89	53	↑P	P	19 44 12.2 +0.7
U12A	baz=88,SNR=19 Valley of Fire	89.92	53	↑P	P	19 44 12.1 +0.4

YMR	Madison River	89.93	44	ep	P	19 44 12.4 +0.9
SWSC	Sam W. Stewart	89.94	56	↑P	P	19 44 11.7 -0.1
RDF	Al-Radifiah	89.94	300	ep	P	19 44 08.2 -3.7
RDF	Al-Radifiah	89.94	300	ep	P	19 44 18.7
SPUT	South Promonto	89.97	47	ep	P	19 44 11.4 -0.5
W12A	Cal Nev Ari	90.00	54	↑P	P	19 44 37.3 -1.0
BC3	Big Chuck Mtn	90.01	55	↑P	P	19 44 12.5 +0.4
DUG	Dugway	90.05	49	↑P	P	19 44 11.7 -0.6
DUG	Dugway	90.08	49	↑P	P	19 44 36.6 -2.2
DUG	Dugway	90.08	49	↑P	P	19 44 11.7 -0.6
DUG	Dugway	90.08	49	↑P	P	19 44 36.6 -2.2
DUG	Dugway	90.08	49	↑P	P	19 44 12.6 +0.2
YFT	Old Faithful	90.09	44	ep	P	19 44 13.7 +1.4
YFT	Old Faithful	90.09	44	ep	P	19 44 43.2 +4.4
IRM	Iron Mountain	90.11	55	↑P	P	19 44 12.8 +0.3
YNR	Norris Junctio	90.11	44	ep	P	19 44 13.9 +1.5
YNR	Norris Junctio	90.11	44	ep	P	19 44 41.2 +2.3
NAY	Al-Naaien	90.11	300	ep	P	19 44 08.4 -4.3
NAY	Al-Naaien	90.11	300	ep	P	19 44 12.9
IMW	Indian Meadow	90.21	45	ep	P	19 44 12.7 -0.2
IMW	Indian Meadow	90.21	45	ep	P	19 44 37.9 -1.5
T13A	Saint George	90.23	52	↑P	P	19 44 13.6 +0.5
TPAW	Teton Pass	90.33	45	ep	P	19 44 13.1 -0.4
LKWY	Lak	90.35	44	ep	P	19 44 15.4 +2.0
LKWY	Lake	90.35	44	ep	P	19 44 15.5 +2.0
LKWY	Lake	90.35	44	ep	P	19 44 15.5 +2.0
ARUT	Antelope Range	90.36	51	ep	P	19 44 13.9 +0.2
ARUT	Antelope Range	90.36	51	ep	P	19 44 40.7 +0.6
MOOW	Moose Ponds	90.39	45	ep	P	19 44 13.6 -0.1
MOOW	Moose Ponds	90.39	45	ep	P	19 44 37.7 -2.5
REDW	Red Top Meadow	90.45	45	ep	P	19 44 12.8 -1.1
CCUT	Cedar City	90.49	51	ep	P	19 44 14.3 0.0
CCUT	Cedar City	90.49	51	ep	P	19 44 40.1 -0.7
HWAT	Hardware Ranch	90.53	47	ep	P	19 44 10.0 -0.4
HWAT	Hardware Ranch	90.53	47	ep	P	19 44 38.3 -2.6
S14A	Cedar City	90.57	51	↑P	P	19 44 14.8 +0.1
NLU	North Lily Min	90.69	49	ep	P	19 44 15.2 +0.1
NLU	North Lily Min	90.69	49	ep	P	19 44 40.2 -1.5
Y12C	Blythe	90.72	55	↑P	P	19 44 15.8 +0.4
W13A	Hualapai Mount	90.83	54	↑P	P	19 44 16.6 +0.7
T14A	Hurricane	90.85	52	↑P	P	19 44 16.7 +0.8
PDMC1	Parker Dam,Lak	90.86	54	↑P	P	19 44 16.5 +0.4
RLMT	Red Lodge	90.91	43	ep	P	19 44 16.6 +0.5
RLMT	Red Lodge	90.91	43	ep	P	19 44 42.3 -0.3
JLU	Jordanelle	90.94	48	ep	P	19 44 16.0 -0.3
JLU	Jordanelle	90.94	48	ep	P	19 44 41.3 -1.5
X13A	Yucca	91.02	54	↑P	P	19 44 17.3 +0.5
FINES	FINES Array B	91.06	335	↑P	P	19 44 14.3 -2.1
FINES	FINES Array B	91.06	335	↑P	P	19 44 40.9 -2.1
FINES	FINES Array B	91.06	335	↑P	P	20 25 51.7
FINES	FINES Array B	91.06	335	↑P	P	19 44 44.3 -2.1
FINES	FINES Array B	91.06	335	↑P	P	19 44 40.9 -2.0
FINES	FINES Array B	91.06	335	↑P	P	19 44 14.3 -2.1
FINES	FINES Array B	91.06	335	↑P	P	19 44 40.9 -2.1
FINES	FINES Array B	91.06	335	↑P	P	19 44 40.9 -2.1
MSU	Marysvale	91.08	50	ep	P	19 44 17.1 +0.1
MSU	Marysvale	91.08	50	ep	P	19 44 43.1 +1.4
DAU	Daniels Canyon	91.14	48	ep	P	19 44 17.9 -0.3
DAU	Daniels Canyon	91.14	48	ep	P	19 44 44.4 +0.7
Y13A	Salome	91.25	55	↑P	P	19 44 18.3 +0.4
FFC	Flin Flon	91.41	32	↑P	P	19 44 17.8 -0.4
W14A	Williams	91.42	53	↑P	P	19 44 16.9 +0.9
PDAR	Pinedale Array	91.54	45	LR	LR	20 17 20.2
VNDA	Vanda	91.71	176	↑P	P	19 44 18.1 -0.9
VNDA	Vanda	91.71	176	↑P	P	20 26 48.2
X14A	Yava	91.80	54	↑P	P	19 44 21.5 +1.1
Y14A	Wickenburg	91.87	55	↑P	P	19 44 21.2 +0.5
W15A	Williams	92.06	53	↑P	P	19 44 23.1 +1.5
Z14A	Wintersburg	92.09	55	↑P	P	19 44 22.4 +0.5
SRU	San Rafael	92.10	49	ep	P	19 44 21.1 -0.6
SRU	San Rafael	92.10	49	ep	P	19 44 45.4 -2.8
SRU	San Rafael	92.10	49	ep	P	19 44 21.1 -0.6
SRU	San Rafael	92.10	49	ep	P	19 44 45.4 -2.8
X15A	Humboldt	92.31	54	↑P	P	19 44 23.8 +1.0
LAO	LASA Array	92.31	41	ep	P	19 44 22.4 -0.1
LAO	LASA Array	92.31	41	ep	P	19 44 46.9 -2.1
WUAZ	Wupatki	92.55	53	ep	P	19 44 24.3 -0.1
WUAZ	Wupatki	92.55	53	ep	P	19 44 49.9 -0.9
WUAZ	Wupatki	92.55	53	ep	P	19 44 25.1 +0.7
DGMT	Dagmar	92.55	39	ep	P	19 44 23.9 -1.1
115A	Sonoran Desert	92.57	55	↑P	P	19 44 26.1 +0.6
116A	Eloy	93.34	55	↑P	P	19 44 27.9 +0.4
PV10	Paradox Valley	93.44	49	ep	P	19 44 27.2 -0.7
PV01	Paradox Valley	93.87	49	ep	P	19 44 29.9 -0.6
MVCO	Mesa Verde	94.25	50	↑P	P	19 44 35.2 -1.2
MVCO	Mesa Verde	94.25	50	↑P	P	









Table with columns: LSP, CRPR, AOPR, CBYP, MTP, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Las Mesas, Cabo Rojo, Arecibo Observ, etc.

NEIC 03 23:39:17.9, 1861N:10148W, h72km, MD4.3(MEX), After MEX.

MEX 03 23:39:17.7-0.8, 1861N:10149W, h74km, 11km, MD4.2, 1C, Guerrero

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZIIG, MOIG, MMIG, PLIG, MEIG, CAIG, SZVM, ACX, UNM, YAIG, SFJM, PTVM, PPM, ITO, TIPIG, ZIAG, VHO, TEIG, etc.

ISC/JB 03 23:57:00.8-0.5, 933S:0.08:71.38W:0.04, h561km, mb4.3/1, Error ellipse: s-maj=12.9km s-min=4.9km az=23.1

NEIC 03 23:57:01.4-0.5, 932S:71.39W, h565km, 7km, mb4.3/1, Error ellipse: s-maj=10.0km s-min=5.7km az=219.0

BDC 03 23:57:01.4, 930S:71.40W, h540km, mB5.0

IJI 03 23:57:01.5-0.6, 942S:71.48W, h560km, mb3.6/12, mb1.3, 7/17, mb1mx3.7/22, mbtmp3.6/17, Error ellipse: s-maj=13.7km s-min=10.3km az=47.0

ISC 03 23:57:01.5-0.5, 936S:007.7132W, 004, h553km, n369, r06/63/35, mb4.2/57, 77C-90D, Peru-Brazil border region

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NNA, ARE, ATAH, LPAZ, SIIV, ROSC, PCRV, CFAA, TEIG, CMIG, ELN, UALR, UTMT, TXAR, SIUC, FVM, WMOK, KSU1, LAZ, ANMO, SDCCO, 116A, 115A, ECSD, ECSD, Z14A, X15A, Y14A, WUAZ, PV01, X14A, W15A, Y13A, W14A, Y12C, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DVTC, WYMA, BC3, IRM, SRU, BELC, T14A, GMRC, V12A, MSU, T13A, U12A, S14A, HEC, V11A, ARUT, TUIG, AGMN, U11A, GSC, SHOC, JLUO, U10A, R12A, EDW, DUG, FURC, BW06, PDAR, MPMC, HWUT, Q12A, ISA, ULM, ULM, GRAC, S10A, Q11A, CWC, R10A, S09A, PKM, YES, O12A, LOHW, R09A, TIN, LAO, SMMC, RCTC, S08C, M13A, IMW, HELL, SCHO, SCHO, O11A, Q09A, K14A, L13A, M12A, DGMT, KCC, NVAR, NVAR, PKD, Q08A, O10A, GCMT, R07C, O09A, L12A, U04C, V03C, LRV, P08A, K12A, S06C, S05C, J13A, R06C, L11A, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like M10A, HAST, HLID, HLID, N09A, BOZ, I13A, CMB, G15A, PACP, J12A, L10A, R05C, M09A, O07A, S04C, WCN, PAHR, F15A, H13A, G14A, MFID, LAVA, L09A, K10A, EGMT, M08A, H12A, G13A, O06A, E15A, I11A, BEKR, Q04C, K09A, M07A, L08A, N06A, D15A, F13A, E14A, Q03C, O05C, CVT, SUTB, ORV, J09A, K08A, M0CM, L07A, ELFS, O13A, D14A, MSO, M06C, I09A, J08A, K07A, G11A, LIC, LIC, LIC, MOD, MOD, TIC, HATC, HOPS, BMO, D13A, F11A, H09A, M05C, GASB, I08A, K1C, C14A, J07A, P01C, K06A, E11A, O02C, C13A, WDC, WDC, etc.

4d 1h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H08A Prairie City, J06A Christmas Vall, F10A Beach Ranch, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LFF Gorron, MTLF Montlieux, FLN La Foliniere, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SCPH Surigao, SCPH Musan, MSLP Maasan, etc.

ISC 04 00:28:14.0:1.2,901N:006:1265E:01,h63km,gkm,n38,
0:090/41,mb4.3/14,1D,Mindanao
Code Station Name Az AzZ Phase ID Time Res ISC

ISC/JB 04 00:28:14.0:1.2,901N:006:1265E:01,h63km,gkm,n38,
0:090/41,mb4.3/14,1D,Mindanao
Code Station Name Az AzZ Phase ID Time Res ISC

NEIC 04 00:30:16.6:2.5,1793S:17484W,h175km,15km,mb4.0/5,
Error ellipse: s-maj=18.8km s-min=13.7km az=125.0

ISC 04 00:30:16.6:2.5,1793S:17484W,h175km,15km,mb4.0/5,
0:3m,0.4s,mbz=67,slo=2.1,SNR=7.7

AFI Afiamalu 4.97 37 Op ISC h m s ISC
0:30m,0.3s,mbz=198,slo=1.2,SNR=17

CTA Charters Tower 36.76 260 Op ISC h m s ISC
9.5m,1.0s,mbz=299,slo=8.6,SNR=6.0

STKA Stephens Creek 41.58 242 Op P 0:37 47.4 -0.5
STKA Stephens Creek 41.58 242 P 0:37 48.2 +0.3

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9

WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9
WRA Warramunga Arr 141.45 221 PKP 0:15 26.8 -3.9







Table with columns: TUP, comp, station name, frequency, and other parameters. Includes stations like Tupik, Nizh Angarsk, Suvo, Chita, etc.

IDC 04 02:18:28.9:3.0, 4710N-15284E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/21, mbtmp3.6/5, Error ellipse: s-maj=92.1km s-min=33.5km az=4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, YKA, FINES, etc.

IDC 04 02:20:34.7:2.8, 4695N-15555E, h0km, mb3.6/10, mb1 3.9/10, mb1mx3.7/21, mbtmp3.6/10, MS3.7/1, Ms1 3.7/1, ms1mx2.6/29, Error ellipse: s-maj=91.6km s-min=21.8km az=4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, JHY, YAK, etc.

IDC 04 02:20:39.3:6.0, 472N-1555E-01, h21km, mb4.1km, n36, -0560/36, mb3.8/18, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, BILD, YAK, etc.

Table with columns: TXAR, comp, station name, frequency, and other parameters. Includes stations like Lajitas Array, GERS, BRTR, etc.

KRSC 04 02:54:37.7:0.8, 5205N-15877E, h44km, 23km, ML3.5, Near east coast of Kamchatka Peninsula

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

IDC 04 03:33:15.3:0.7, 3521N-3603W, h0km, mb4.1/19, mb1 4.3/19, mb1mx4.3/23, mbtmp4.1/19, MS4.8/24, Ms1 4.8/24, ms1mx4.6/31, Error ellipse: s-maj=21.8km s-min=13.4km az=178.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, YKA, FINES, etc.

IDC 04 03:33:19.0, 3524N-3597W, h10km, MS5.0, PDA 04 03:33:19.3, 3534N-3594W, h10km, mb4.8, GCMT 04 03:33:19.4, 0.1, 3534N-3606W, h15km, MW5.6/97, Moment Tensor Solution. s81,c143; s97,c257; Duration: 1s5 Moment tensor: Scale 10^17Nm; Mn-0.37±0.03; Mw-0.41±0.10; Best double couple: M2-0.820000x10^17; NP1=0.820000; 881.00000; λ-2.00000; NP2=12.00000; 888.00000; λ-171.00000; Principal axes: T 2.9980, Pigs00000; Azm147.00000; N -0.3560, P1g81.00000; Azm23.00000; P -2.6420, P1g7.00000; Azm237.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 04 03:33:19.4, 0.4, 3534N-3594W, h10km, mb4.8/97, MS4.8/155, MW5.6 Error ellipse: s-maj=11.9km s-min=3.3km az=177.0, Moment Tensor Solution. s10 Moment tensor: Scale 10^17Nm; Mn-0.03; Mw-0.11; Mw-0.14; Mw-0.06; Mw-0.81; Mw-0.80; Best double couple: M2-0.00000x10^17; NP1=0.820000; 881.00000; λ-1.00000; NP2=12.00000; 889.00000; λ-174.00000; Principal axes: T 2.9200, P1g12.00000; Azm315.00000; N 0.0000, P1g74.00000; Azm178.00000; P -2.9200, P1g11.00000; Azm47.00000;

CSEM 04 03:33:20.7, 0.1, 3585N-3600W, h20km, mb4.8/99, Ms4.7, MW5.6 Error ellipse: s-maj=7.0km s-min=1.5km az=177.0

IDC 04 03:33:19.2, 0.2, 3538N-006.3613W, h0.02, h10km, (h15km) 2km, P-7P, n77.1, ±13.127/11, mb4.6/159, MS4.8/186, 94C-PD, Northern Mid-Atlantic Ridge

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

Table with columns: PCBR, EGRO, EBAD, MVO, ERUA, etc. Includes station names, frequencies, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, YKA, FINES, etc.





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L13A	Double Diamond	59.14 302	P	P	03 43 20.0	0.0
MSU	Marysvalle	59.22 298	eP	P	03 43 22.9	+2.2
MSU	Marysvalle	59.22 298	eP	P	03 43 22.9	+2.3
F11A	Garngville	59.27 307	↑P	P	03 43 21.0	+0.2
J12A	Stokes Ranch,	59.50 304	↑P	P	03 43 21.6	-0.9
G11A	Walters Elk Ra	59.51 306	↑P	P	03 43 22.2	-0.3
M13A	Mantello	59.56 301	↑P	P	03 43 21.8	-1.1
D10A	Wagner Farm, O	59.58 308	↑P	P	03 43 22.1	-0.8
H11A	Donnelly	59.59 306	↑P	P	03 43 21.8	-1.2
K12A	Draper Farm, C	59.60 303	↑P	P	03 43 22.4	-0.7
B09A	Rice	59.66 310	↑P	P	03 43 21.3	-1.9
E10A	Myers Farm, Un	59.67 308	↑P	P	03 43 23.3	-0.3
LPZA	La Paz	59.69 216	eP	P	03 43 23.3	-0.7
LPZA	comp-Z, 13nm, 0.9s, mb5.0		LR	LR		
LPZA	comp-Z, 464nm, 22.0s, MS4.6		LR	LR		
LPZA	La Paz	59.69 216	eP	P	03 43 23.3	-0.7
LPZA	comp-Z, 13nm, 0.9s		MLR	MLR		
LPZA	comp-Z, 464nm, 22.0s		MLR	MLR		
LPZA	La Paz	59.69 216	eP	P	03 43 21.0	-3.0
LPZA	comp-Z, 6.7nm, 0.9s, mb4.7, baz=32, slow=5.1, SNR=16		LR	LR	04 07 32.9	
LPZA	comp-Z, 310nm, 21.8s, MS4.4, baz=33, slow=34		LR	LR		
LPZA	La Paz	59.69 216	eP	P	03 43 23.3	-0.7
A09A	Danville	59.73 311	↑P	P	03 43 23.3	-0.6
N13A	Wendover, West	59.78 301	↑P	P	03 43 24.0	-0.4
WUAZ	Wupatki	59.81 294	eP	P	03 43 27.1	+2.3
WUAZ	comp-Z, 602nm, 20.0s, MS4.7		LR	LR		
WUAZ	Wupatki	59.81 294	↑P	P	03 43 27.0	0.0
WUAZ	Wupatki	59.81 294	eP	P	03 43 24.1	+2.4
L12A	House Creek Ra	59.86 302	↑P	P	03 43 24.4	-0.5
F10A	Beach Ranch, E	59.93 307	↑P	P	03 43 24.5	-0.9
MFID	Camas Ranch,	59.94 304	↑P	P	03 43 25.3	-0.2
M12A	Wells	60.06 302	↑P	P	03 43 26.5	+0.2
H10A	Noah's Angus R	60.12 306	↑P	P	03 43 26.5	-0.2
A08A	Turner Farm, O	60.17 311	↑P	P	03 43 27.5	+0.6
S14A	Cedar City	60.24 297	↑P	P	03 43 27.6	0.0
D09A	Jones Farm, Ri	60.24 309	↑P	P	03 43 27.8	+0.4
INK	Inuvik	60.27 335	eP	P	03 43 25.9	-1.4
INK	comp-Z, 446nm, 1.1s		MLR	MLR		
INK	Inuvik	60.27 335	eP	P	03 43 25.9	-1.4
INK	comp-Z, 446nm, 1.1s		MLR	MLR		
INK	Inuvik	60.27 335	eP	P	03 43 25.9	-1.4
E09A	Wood Farm, Sta	60.33 308	P	P	03 43 28.0	-0.1
L11A	Cat Creek Ranch	60.36 303	↑P	P	03 43 28.7	+0.3
ZEI	Cedar City	60.36 57	eP	P	03 43 28.0	-0.4
ZEI	Tsey		MLR	MLR	03 44 11.2	
N12A	Clover Valley,	60.36 301	↑P	P	03 43 28.7	+0.3
O12A	Currie	60.38 300	↑P	P	03 43 28.4	-0.2
BMO	Blue Mountains	60.40 306	eP	P	03 43 29.2	+0.7
BMO	comp-Z, 8.2nm, 1.3s, mb4.6		LR	LR		
BMO	comp-Z, 776nm, 21.0s, MS4.8		LR	LR		
BMO	Blue Mountains	60.40 306	eP	P	03 43 29.2	+0.6
ARUT	Antelope Range	60.42 297	eP	P	03 43 30.7	+1.8
C08A	Higginbotham F	60.44 310	↑P	P	03 43 28.5	-0.3
T14A	Hurricane	60.45 296	↑P	P	03 43 28.9	-0.2
F09A	S2 Ranch, Elgi	60.48 307	↑P	P	03 43 29.1	0.0
ELK	Elko	60.55 301	PFAKE	LR	03 43 40.0	+1.0
J10A	Berg Farm, Mel	60.57 304	↑P	P	03 43 30.3	+0.5
W15A	Williams	60.62 294	↑P	P	03 43 30.0	-0.2
D08A	Wollman Farm,	60.63 309	↑P	P	03 43 30.0	-0.1
M11A	Holland Ranch,	60.66 302	↑P	P	03 43 30.3	-0.2
TUC	Tucson	60.70 291	PFAKE	LR	03 43 40.0	+9.2
H09A	Durkee	60.70 306	↑P	P	03 43 30.5	-0.2
P12A	McGill	60.81 300	↑P	P	03 43 31.8	+0.3
A07A	Ashnola River,	60.81 311	↑P	P	03 43 31.4	0.0
NNA	Nana	60.87 227	PFAKE	LR	03 43 50.0	+1.8
X15A	Humboldt	60.88 293	↑P	P	03 43 31.5	-0.6
L10A	Juniper Basin	60.88 303	↑P	P	03 43 31.9	0.0
K10A	MacKenzie Ranch	60.89 304	↑P	P	03 43 31.4	-0.5
Q12A	Willow Creek R	60.92 299	↑P	P	03 43 32.1	-0.2
E08A	Dider Farm, El	60.93 308	↑P	P	03 43 31.8	-0.3
F08A	Pendleton	61.01 308	↑P	P	03 43 32.2	-0.5
I09A	Lost Marbles R	61.02 305	↑P	P	03 43 32.6	-0.2
R12A	Pony Springs,	61.05 298	↑P	P	03 43 33.3	+0.1
T13A	Saint George	61.07 297	↑P	P	03 43 33.1	-0.2
O11A	Cowboy Ranch,	61.08 301	↑P	P	03 43 33.3	0.0
C07A	Vaterville	61.12 310	↑P	P	03 43 31.9	-1.6
W14A	Seligman	61.12 294	↑P	P	03 43 33.7	-0.6
J09A	Fry Pan Ranch,	61.26 305	↑P	P	03 43 34.1	-0.4
HAWA	Hanford	61.27 308	eP	P	03 43 36.9	+2.4
HAWA	comp-Z, 17nm, 1.3s, mb5.0		LR	LR		
HAWA	Hanford	61.27 308	eP	P	03 43 36.9	+2.4
HAWA	comp-Z, 850nm, 20.0s, MS4.9		LR	LR		
X14A	Yava	61.38 294	↑P	P	03 43 35.7	+0.3
H08A	Prairie City	61.42 306	↑P	P	03 43 35.9	+0.3
N10A	Dumphy	61.44 301	↑P	P	03 43 36.2	+0.5
A06A	Chilliwack	61.47 312	↑P	P	03 43 36.1	+0.4
K09A	Rome	61.50 304	↑P	P	03 43 36.6	+0.5
I08A	Drewsey	61.59 305	↑P	P	03 43 36.7	0.0
Q11A	Duckwater	61.59 299	↑P	P	03 43 37.3	+0.5
O10A	Cortez Mining,	61.61 301	↑P	P	03 43 37.5	+0.7
F07A	Phinny Hill Vi	61.71 308	↑P	P	03 43 37.7	+0.2

L09A	Wilkinson Ranc	61.73 303	↑P	P	03 43 37.3	-0.4
J08A	Circle Bar Ranch	61.74 305	↑P	P	03 43 37.9	+0.2
U12A	Valley of Fire	61.78 296	↑P	P	03 43 38.0	-0.1
G07A	Ruggs Ranch, H	61.79 307	↑P	P	03 43 38.0	0.0
D06A	Cle Elum	61.80 310	↑P	P	03 43 38.0	0.0
M09A	Marrell Ranch,	61.81 302	↑P	P	03 43 38.4	+0.1
P10A	Eureka	61.85 300	↑P	P	03 43 39.2	+0.7
W13A	Hualapai Mount	61.86 295	↑P	P	03 43 38.6	-0.1
PAYG	Puerto Ayora	61.88 247	PFAKE	LR	03 43 50.0	+1.1
K08A	Mann Creek Ranch	62.00 304	↑P	P	03 43 38.9	-0.6
X13A	Yuca	62.03 294	↑P	P	03 43 39.2	-0.6
BMN	Battle Mountai	62.05 301	eP	P	03 43 42.8	+2.9
BMN	comp-Z, 288nm, 20.0s, MS4.7		LR	LR		
BMN	Battle Mountai	62.05 301	eP	P	03 43 42.8	+2.9
BMN	comp-Z, 12nm, 1.1s, mb4.9		MLR	MLR		
BMN	comp-Z, 525nm, 22.0s, MS4.7		MLR	MLR		
BMN	Battle Mountai	62.05 301	eP	P	03 43 42.8	+2.9
N09A	Rock Creek Ran	62.09 302	↑P	P	03 43 39.4	-0.7
L08A	Fields	62.12 304	↑P	P	03 43 39.2	-1.0
E06A	Yakima	62.13 309	↑P	P	03 43 39.4	-0.9
O09A	Fish Creek Ran	62.14 301	↑P	P	03 43 40.2	-0.2
I07A	Izee	62.14 306	↑P	P	03 43 40.2	-0.2
B05A	Bryant	62.16 311	↑P	P	03 43 39.2	-1.2
SHPR	Sheep Range	62.20 297	eP	P	03 43 44.8	+3.9
SHPR	Sheep Range	62.20 297	eP	P	03 43 44.8	+3.9
WVOR	Wild Horse Val	62.22 304	eP	P	03 43 42.0	+1.0
WVOR	comp-Z, 24nm, 1.4s, mb5.1		LR	LR		
WVOR	Wild Horse Val	62.22 304	eP	P	03 43 42.0	+1.0
WVOR	comp-Z, 961nm, 20.0s, MS5.0		MLR	MLR		
WVOR	Wild Horse Val	62.22 304	eP	P	03 43 42.0	+1.0
R10A	Warm Springs	62.28 299	↑P	P	03 43 40.2	-1.3
V12A	Nelson	62.30 296	↑P	P	03 43 41.6	-0.1
F06A	Goldendale	62.31 308	↑P	P	03 43 41.0	-0.5
P09A	Austin	62.36 300	↑P	P	03 43 42.2	+0.3
PDMC	Parker Dam, Lak	62.39 294	↑P	P	03 43 41.4	-0.8
G06A	Carlson Farm,	62.43 307	↑P	P	03 43 41.9	-0.4
H06A	Lindquist Farm	62.43 307	↑P	P	03 43 42.8	+0.5
M08A	Happy Creek Ra	62.44 303	↑P	P	03 43 42.8	+0.3
K07A	Rock Creek Ran	62.53 304	↑P	P	03 43 43.2	+0.1
N08A	GE Springer Mi	62.55 302	↑P	P	03 43 42.4	-0.7
S10A	Tonopah Range,	62.65 299	↑P	P	03 43 42.6	-1.3
V11A	Goodsprings	62.68 296	↑P	P	03 43 43.9	-0.2
F05A	White Salmon	62.70 308	↑P	P	03 43 42.9	-1.2
R09A	Tonopah	62.85 299	↑P	P	03 43 44.7	-0.6
L07A	Adell	62.87 304	↑P	P	03 43 44.7	-0.6
J06A	Christmas Vall	62.91 305	↑P	P	03 43 45.5	0.0
Y12C	Blythe	62.91 294	↑P	P	03 43 45.3	-0.4
P08A	Dixie Valley	62.96 301	↑P	P	03 43 46.4	+0.5
M07A	Soldier Meadow	63.01 303	↑P	P	03 43 46.2	0.0
TPH	Tonopah	63.03 299	PFAKE	LR	03 44 00.0	+1.4
HOOD	Mouth Hood Mea	63.05 308	eP	P	03 43 49.6	+3.2
HOOD	Mouth Hood Mea	63.05 308	eP	P	03 43 49.6	+3.2
U10A	Ash Meadows, O	63.09 297	↑P	P	03 43 46.5	-0.4
N07B	Gerlach	63.13 302	↑P	P	03 43 46.6	-0.4
K06A	Valley Falls	63.16 305	↑P	P	03 43 46.7	-0.6
S09A	Goldfield	63.18 299	↑P	P	03 43 47.6	+0.1
IRM	Iron Mountain	63.20 294	↑P	P	03 43 47.4	-0.3
Q08A	Gabbs	63.20 300	↑P	P	03 43 46.8	-0.8
I05A	Bend	63.27 307	↑P	P	03 43 48.4	+0.5
GMRC	Granite Mounta	63.31 295	↑P	P	03 43 48.6	+0.3
O07A	Toulon	63.32 302	↑P	P	03 43 48.3	-0.1
FURC	Furnace Creek,	63.46 297	↑P	P	03 43 49.6	-0.3
R08A	Mina	63.55 300	↑P	P	03 43 50.0	+0.1
MOD	Modoc	63.57 304	eP	P	03 43 51.4	+1.4
MOD	comp-Z, 6.7nm, 1.1s, mb4.6		LR	LR		
MOD	Modoc	63.57 304	eP	P	03 43 49.0	-0.9
MOD	comp-Z, 591nm, 20.0s, MS4.8		LR	LR		
MOD	Modoc					







Table with columns: BRVK, comp-Z, station name, time, and other parameters. Includes stations like Hyderabad, Nakatsue, AKTO, etc.

ICD 04 07:40:14.9, 0.57625x14109W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.8/10, mbtmp3.8/2, MS4.3/10, Ms1 4.3/10, ms1mx4.0/19, Error ellipse: s-maj=229.7km s-min=30.2km az=178.0

ISCJB 04 07:40:15.8, 1.4, 574S:0.3x1412W, h10km, MS3.7/2, MS4.2/11, Error ellipse: s-maj=38.6km s-min=29.9km az=17.4

ISC 04 07:40:17.9, 1.4, 574S:03-1412W, h10km, n22, a2e02/4, mb3.7/2, MS4.2/11, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vnda, Rata Peaks, URZ, etc.

Table with columns: VAH, Vainhoa, 42.34 351 eT, 08 32 34.9, etc. Includes stations like Neumayer Olymp, VNA3, etc.

NEIC 04 07:40:45.0, 3099S:71.73W, h5km, ML2.7(GUC), After GUC

GUC 04 07:40:45.0, 8, 3099S:71.73W, h5km, 3km, MD3.7, ML2.7, 5C-2D, Near coast of central Chile

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

IDC 04 08:03:47.1, 2.4, 5946S:2557W, h0km, mb4.4/1, mb1 4.5/2, mb1mx4.0/12, mbtmp4.5/2, ML4.5/1, MS4.1/3, Ms1 4.0/3, ms1mx3.4/20, Error ellipse: s-maj=129.4km s-min=46.7km az=82.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA1, VNA2, VNA3, etc.

ICD 04 08:05:10.2, 0.9, 1508S:75.54W, h0km, mb4.0/6, mb1 4.1/9, mb1mx4.0/17, mbtmp3.9/9, ML3.3/3, MS3.5/2, Ms1 3.5/2, ms1mx2.8/23, Error ellipse: s-maj=44.8km s-min=16.0km az=60.0

ISCJB 04 08:05:14.7, 1.8, 151S:0.1x75.7W, h2, h47km, 15km, mb4.1/9, Error ellipse: s-maj=32.5km s-min=9.6km az=149.1

NEIC 04 08:05:15.8, 1.1, 6, 1502S:75.54W, h30km, 14km, mb4.2/4, Error ellipse: s-maj=25.2km s-min=10.1km az=51.0

ISC 04 08:05:18.6, 1.7, 152S:01-75.6W, h2, h65km, 15km, n26, a086/25, mb4.0/9, Near coast of Peru

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

Table with columns: ATAH, Atahualpa, 8.55 341 Pn, Pn, 08 07 23.6 +9.8, etc. Includes stations like ATAH, SIV, OTAV, etc.

NEIC 04 08:09:16.7, 3, 3153S:69.25W, h177km, MG3.5(GUC), After GUC

GUC 04 08:09:16.7, 0.8, 3153S:69.25W, h177km, 17km, MD3.4, ML3.5, 1C-8D, San Juan Province

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

NEIC 04 08:11:45.7, 3314S:72.13W, h3km, ML2.5(GUC), After GUC

GUC 04 08:11:45.7, 0.6, 3314S:72.13W, h3km, 10km, MD3.5, ML2.5, 2C-3D, Off coast of central Chile

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

ISCJB 04 08:11:08.8, 1.5, 320S:03-571E, h10km, mb3.8/7, MS3.8/8, Error ellipse: s-maj=58.1km s-min=21.4km az=34.4

ICD 04 08:11:08.6, 1.5, 3196S:57.16E, h0km, mb3.9/6, mb1 4.0/7, mb1mx3.8/19, mbtmp3.9/7, ML4.0/1, MS3.8/8, Ms1 3.8/8, ms1mx3.6/23, Error ellipse: s-maj=69.2km s-min=30.4km az=28.0

NEIC 04 08:31:10.5, 1.4, 3201S:57.07E, h10km, mb4.2/1, Error ellipse: s-maj=54.3km s-min=20.3km az=214.0

ISC 04 08:31:10.7, 1.5, 320S:03-571E, h10km, n19, a0s81/10, MS3.8/7, MS3.8/8, Southwest Indian Ridge

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



D07A	Quincy	36.02	75	P	P	09 53 09.3 +0.6	H09A	Durkee	38.69	77	↑P	P	09 53 31.9 +0.5	KSR5	Korea Army	41.25	272	P	P	09 53 53.8 +1.0	
MDJ	Mudanjiang	36.09	280	P	P	09 53 09.2 -0.2	WALA	Waterton Lakes	38.69	69	↑P	P	09 53 31.4 +0.1	KSR5	comp-Z,1.4nm,0.7s,mb4.7,baz=55,slow=7.9,SNR=54	41.25	272	P	P	09 55 50.6 -0.1	
MDJ				AP	AP	09 53 20.0 -2.2	B13A	Whites	38.70	80	↑P	P	09 53 31.6 +0.0	KSR5	comp-Z,2.4nm,0.8s,baz=66,slow=3.7,SNR=4.9	41.25	272	LR	LR	10 08 19.9	
MDJ				XP	XP	09 53 25.2 -2.7	BSMT	Bassoo Peak	38.77	71	↑P	P	09 53 32.2 +0.1	HLID	Hailey	41.25	76	↑P	P	09 53 52.8 +0.1	
MDJ				PP	PP	09 54 31.5 -0.5	K07A	Rock Creek Ran	38.80	80	↑P	P	09 53 32.1 +0.8	HLID	comp-Z,2.3nm,0.9s,mb4.8	41.25	76	↑P	P	09 54 05.0 -0.5	
MDJ				PCP	PCP	09 55 34.7 +0.3	BMO	Mountains	38.76	76	↑P	P	09 53 32.6 +0.2	HLID	Hailey	41.25	76	↑P	P	09 53 53.0 +0.3	
MDJ				S	S	09 58 46.0 +0.8	BMO						09 53 44.8 -0.4	P08A	Dixie Valley	41.26	83	↑P	P	09 53 53.4 +0.7	
MDJ				SCP	SCP	09 59 17.4 +1.0	BMO						09 53 50.5 -0.3	Q07A	Schurz	41.27	85	↑P	P	09 53 53.1 +0.3	
MDJ				PCS	PCS	09 59 22.0 +0.1	M06C	Likely Place G	38.89	83	↑P	P	09 53 33.6 +0.4	S06C	San Francisco	41.27	87	↑P	P	09 53 53.0 +0.1	
MDJ				SCS	SCS	10 03 23.2 +1.1	J08A	Circle Bar Ran	38.90	79	↑P	P	09 53 33.4 -0.2	KS15	Wonju Array Si	41.28	272	↑P	P	09 53 54.1 +1.1	
MDJ				AMB	AMB		F11A	Grangeville	38.95	74	↑P	P	09 53 33.9 -0.1	SNY	Shenyang	41.30	281	↑P	P	09 53 53.9 +0.9	
MDJ	comp-Z,6.0nm,0.9s,mb4.5			AMB	AMB		BOD	Bodaibo	39.00	307	↑P	P	09 53 33.4 -0.4	comp-Z,2.7nm,1.0s,mb4.8	S05C	Merced	41.31	88	↑P	P	09 53 51.9 -1.3
MDJ	comp-Z,141nm,5.3s			AMB	AMB		BOD					09 53 50.0 +3.8	K12A	Draper Farm, C	41.48	78	↑P	P	09 53 55.1 +0.6		
J03A	Ideley Park	36.15	82	↑P	P	09 53 08.9 -1.0	BOD	comp-Z,3.0nm,0.7s,mb4.1					09 53 33.6 +0.4	J13A	Cove Ranch, Pi	41.49	76	↑P	P	09 53 55.0 +0.4	
K02A	Glendale	36.18	83	↑P	P	09 53 09.2 -0.8	CN2	comp-Z,5.0nm,0.7s,mb4.3	39.01	78	↑P	P	09 53 34.6 +0.5	MCMT	McKenzie Canyo	41.49	74	↑P	P	09 53 54.3 -0.3	
EPH	Ephrata	36.17	74	↑P	P	09 53 10.0 0.0	O04C	Chester	39.03	85	↑P	P	09 53 35.0 +0.6	MCMT					09 54 06.9 -0.0		
G05A	Wamic	36.17	78	↑P	P	09 53 11.0 +0.9	CN2	Changchun	39.05	282	↑P	P	09 53 35.7 +1.3	G15A	Dillon	41.52	73	↑P	P	09 54 12.3 -0.9	
F06A	Goldendale	36.23	73	↑P	P	09 53 11.1 +0.5	CN2	comp-Z,1.0nm,0.6s,mb4.7					09 53 32.1 +1.2	O09A	Fish Creek Ran	41.52	82	↑P	P	09 53 55.4 +0.5	
I04A	Tendick Farm,	36.26	81	↑P	P	09 53 11.3 +0.4	ELFS	comp-Z,2.00nm,3.0s	39.08	84	↑P	P	09 53 35.3 +0.6	EGMT	Eagleton	41.60	68	↑P	P	09 53 55.1 -0.4	
C08A	Higginbotham F	36.29	73	↑P	P	09 53 10.9 -0.2	ELFS	comp-Z,2.00nm,3.0s	39.08	84	↑P	P	09 53 35.3 +0.6	EGMT	comp-Z,3.0nm,0.9s,mb4.9	41.60	68	↑P	P	09 53 55.0 -0.4	
E07A	Sunnyside	36.40	75	↑P	P	09 53 12.4 +0.4	L07A	Adell	39.12	81	↑P	P	09 53 35.9 +0.9	M11A	Holland Ranch,	41.63	80	↑P	P	09 53 56.6 +0.8	
L02A	Cave Junction	36.42	84	↑P	P	09 53 11.6 -0.7	G11A	Walters Elk Ra	39.14	75	↑P	P	09 53 35.1 0.0	R07C	Lee Vining	41.64	86	↑P	P	09 53 55.5 -0.4	
MDW	Midway	36.43	75	↑P	P	09 53 12.8 +0.5	ORV	Oroville	39.23	86	↑P	P	09 53 35.1 -0.9	L12A	House Creek Ra	41.69	78	↑P	P	09 53 56.8 +0.5	
B09A	Rice	36.52	72	↑P	P	09 53 13.5 +0.5	K08A	Mann Creek Ran	39.24	80	↑P	P	09 53 36.7 +0.6	BOZ	Bozeman (W)	41.77	72	↑P	P	09 53 57.2 +0.3	
H05A	Madras	36.54	79	↑P	P	09 53 13.3 +0.1	H10A	Noah's Angus R	39.28	76	↑P	P	09 53 36.5 +0.1	BOZ	Bozeman (W)	41.77	72	↑P	P	09 53 57.2 +0.3	
SNWA	Snively Ranch	36.56	75	↑P	P	09 53 14.1 +0.7	WVOR	Wild Horse Val	39.32	80	↑P	P	09 53 36.9 +0.2	BOZ	comp-Z,2.8nm,1.0s,mb4.8	41.77	72	↑P	P	09 53 56.9 +0.1	
HUMO	Hull Mountain	36.57	83	↑P	P	09 53 13.7 +0.2	WVOR	Wild Horse Val	39.32	80	↑P	P	09 53 37.1 +0.4	BOZ	comp-Z,2.8nm,1.0s,mb4.8	41.77	72	↑P	P	09 53 56.9 +0.1	
G06A	Carlson Farm,	36.59	78	↑P	P	09 53 14.1 +0.4	D13A	Huson	39.34	72	↑P	P	09 53 36.6 -0.2	O10A	Cortez Mining,	41.87	82	↑P	P	09 53 58.7 +0.9	
A10A	Northport	36.61	71	↑P	P	09 53 14.2 +0.4	O05C	Quincy	39.34	85	↑P	P	09 53 37.2 +0.2	NVAR	Mina Array Bea	41.89	85	↑P	P	09 53 58.0 0.0	
PRAW	Prosser	36.67	76	↑P	P	09 53 15.2 +0.9	J09A	Fry Pan Ranch,	39.35	79	↑P	P	09 53 36.6 -0.4	NVAR					09 54 10.4 -0.5		
HW	Hanford	36.67	76	↑P	P	09 53 14.7 +0.3	OHCN	Honcut	39.37	86	↑P	P	09 53 36.6 -0.5	NVAR					09 54 10.3 +0.5		
OD2	Odessa Site #2	36.67	74	↑P	P	09 53 14.3 -0.1	OHCN						09 53 49.4 -0.6	NVAR					09 53 48.5		
F07A	Phinny Hill Vi	36.68	76	↑P	P	09 53 15.2 +0.8	C14A	Swan Lake	39.42	70	↑P	P	09 53 37.4 -0.1	NVAR					09 53 58.0 0.0		
WRD	Warden	36.70	75	↑P	P	09 53 14.1 -0.5	I10A	Payte	39.52	77	↑P	P	09 53 39.4 +1.0	NVAR	Mina Array Bea	41.89	85	↑P	P	09 54 10.4 -0.5	
D08A	Wollman Farm,	36.71	74	↑P	P	09 53 14.7 0.0	N06A	Buffalo Meadow	39.55	83	↑P	P	09 53 39.1 +0.4	NVAR	comp-Z,3.7nm,0.7s,baz=304,slow=6.4,SNR=11	41.89	85	↑P	P	09 55 53.3 +0.5	
J04A	Umpqua Nationa	36.74	82	↑P	P	09 53 14.7 -0.3	M07A	Soldier Meadow	39.59	82	↑P	P	09 53 39.8 +0.9	NVAR	comp-Z,4.2nm,0.7s,baz=310,slow=1.6,SNR=12	41.89	85	↑P	P	09 54 48.5	
I05A	Bend	36.77	80	↑P	P	09 53 16.2 +1.0	L08A	Fields	39.64	81	↑P	P	09 53 39.9 +0.6	NVAR					09 54 10.4 -0.5		
E08A	Dider Farm, El	36.91	75	↑P	P	09 53 16.2 -0.1	H11A	Donnelly	39.66	76	↑P	P	09 53 39.5 0.0	NVAR					09 54 10.4 -0.5		
VIPM	Ingram Point	36.98	79	↑P	P	09 53 17.5 +0.5	K09A	Rome	39.73	79	↑P	P	09 53 40.3 +0.2	NVAR					09 54 10.4 -0.5		
H06A	Lindquist Farm	37.03	78	↑P	P	09 53 17.9 +0.4	BEKR	Beckwourth	39.75	85	↑P	P	09 53 39.9 -0.4	INCN	Inchon	42.03	273	↑P	P	09 53 60.9 +0.9	
D09A	Jones Farm, Ri	37.08	74	↑P	P	09 53 17.5 -0.2	MSO	Missoula	39.78	72	↑P	P	09 53 40.1 -0.4	RO8A	Mina	42.06	85	↑P	P	09 53 59.4 0.0	
B10A	Chitwood Farm,	37.12	71	↑P	P	09 53 18.8 +0.6	M10A	Victor	39.83	72	↑P	P	09 53 40.1 +0.1	U05C	Westside ANR,	42.08	89	↑P	P	09 54 00.2 +0.7	
G07A	Ruggs Ranch, H	37.16	77	↑P	P	09 53 18.2 -0.3	O06A	Flanigan	39.90	84	↑P	P	09 53 41.6 0.0	M12A	Wells	42.18	79	↑P	P	09 54 00.8 +0.6	
EDM	Edmonton	37.16	82	↑P	P	09 53 18.2 -0.2	J10A	Berg Farm, Mel	39.91	77	↑P	P	09 53 41.6 0.0	P10A	Eureka	42.30	82	↑P	P	09 54 01.1 -0.1	
NEW	Newport	37.20	71	↑P	P	09 53 18.7 -0.1	D14A	Greenough	39.98	71	↑P	P	09 53 41.2 -0.3	Q09A	Carvers	42.33	84	↑P	P	09 54 01.7 +0.2	
NEW				↑P	↑P	09 53 31.0 -0.5	M08A	Happy Creek Ra	40.04	82	↑P	P	09 53 42.7 +0.1	ELK	Elko	42.37	80	↑P	P	09 54 02.5 +0.6	
NEW				↑P	↑P	09 53 36.7 -0.6	N07B	Gerlach	40.06	83	↑P	P	09 53 43.4 +0.5	L13A	Double Diamond	42.38	78	↑P	P	09 54 02.5 +0.6	
NEW				↑P	↑P	09 53 31.0 -0.6	F13A	Darby	40.09	73	↑P	P	09 53 43.3 +0.3	MTUM	Tungsten Hills	42.40	87	↑P	P	09 54 02.8 +0.7	
NEW				↑P	↑P	09 53 36.7 -0.6	I11A	Placeville	40.13	77	↑P	P	09 53 42.9 -0.5	MTUM					09 54 02.8 +0.5		
NEW				↑P	↑P	09 53 36.7 -0.6	CHMT	Chamberlain Mo	40.14	71	↑P	P	09 53 43.3 -0.1	O11A	Clover Valley,	42.43	80	↑P	P	09 54 03.1 +0.4	
NEW				↑P	↑P	09 53 36.7 -0.6	CHMT						09 53 54.9 -1.4	V05C	Boulder Hill,	42.51	89	↑P	P	09 54 03.3 +0.2	
NEW				↑P	↑P	09 53 36.7 -0.6	CHMT						09 54 00.5 -1.5	HELL	Mitchell Peak,	42.54	88	↑P	P	09 54 03.1 -0.1	
NEW				↑P	↑P	09 53 36.7 -0.6	P06A	Stead Airport,	40.14	85	↑P	P	09 53 43.5 -0.1	FFC	Flin Flon	42.55	86	↑P	P	09 54 01.8 -1.3	
NEW				↑P	↑P	09 53 36.7 -0.6	L09A	Wilkinson Ranc	40.15	80	↑P	P	09 53 44.2 +0.6	S08C	White Mtn Res	42.55	86	↑P	P	09 54 04.2 +0.9	
NEW				↑P	↑P	09 53 36.7 -0.6	LAVA	Lava Cap Winer	40.18	87	↑P	P	09 53 43.2 -0.7	RCTO	Rector, Farmer	42.64	88	↑P	P	09 54 04.3 +0.2	
NEW				↑P	↑P	09 53 36.7 -0.6	K10A	MacKenzie Ranc	40.20	79	↑P	P	09 53 44.4 +0.3	M13A	Montello	42.66	79	↑P	P	09 54 04.6 +0.4	
NEW				↑P	↑P	09 53 36.7 -0.6	E14A	Clinton	40.26	72	↑P	P	09 53 44.2 -0.2	YMR	Madison River	42.70	73	↑P	P	09 54 04.4 0.0	
NEW				↑P	↑P	09 53 36.7 -0.6	BNLO	Ben Lomond (Sa	40.30	90	↑P	P	09 53 42.5 -2.4	YMR	comp-Z,4.3nm,0.9s,mb5.2	42.70	73	↑P	P	09 54 17.2 -0.2	





LTx	comp=Z,1.3nm,1.2s,mb4.6	57.09 324	P	P	10 23 19.4	-1.4
TXAR	Lajitas Array	57.09 324	P	P	10 23 19.4	-1.4
TXAR	comp=Z,4.3nm,0.8s,mb4.3,baz=148,slow=7.5,SNR=41		pP	pP	10 23 59.1	-1.9
WCI	Wyandotte Cave	57.52 344	eP	P	10 23 21.3	-2.3
WCI	comp=Z,1.0nm,0.6s,baz=137,slow=7.7,SNR=2.3		eP	P	10 24 04.9	+1.1
WCI	Wyandotte Cave	57.52 344	eP	P	10 23 21.3	-2.3
WCI	comp=Z,1.0nm,0.4s,mb5.0		eP	P	10 24 04.9	+1.1
SIUC	Southern Illin	57.87 341	eP	P	10 23 24.5	-1.5
SIUC	comp=Z,2.2nm,0.6s,mb5.2		eP	P	10 24 06.6	+0.2
FVM	French Village	58.50 340	eP	P	10 23 28.6	-1.8
FVM	French Village	58.50 340	eP	P	10 23 28.6	-1.8
WMOK	Wichita Mounta	58.91 332	eP	P	10 23 32.1	-1.2
WMOK	Wichita Mounta	58.91 332	eP	P	10 23 32.1	-1.2
MNTX	Cornudas Mout	59.84 324	eP	P	10 23 38.1	-1.7
MNTX	comp=Z,2.2nm,1.1s,mb4.9		eP	P	10 24 19.3	-1.0
AMTX	Amarillo	60.40 329	eP	P	10 23 42.6	-0.9
KSU1	Kansas State U	61.70 336	eP	P	10 23 51.2	-1.0
SADO	Sadowa	62.41 352	P	P	10 23 55.5	-1.3
Y22C	IRIS PASSCAL I	62.48 325	JP	P	10 23 57.4	-0.1
CBKS	Cedar Bluff	62.73 333	eP	P	10 23 58.8	-0.3
CBKS	Cedar Bluff	62.73 333	eP	P	10 23 58.8	-0.3
ANMO	Albuquerque	62.89 326	eP	P	10 23 59.5	-0.7
ANMO	Albuquerque	62.89 326	eP	P	10 24 40.1	-1.0
ANMO	Albuquerque	62.89 326	eP	P	10 23 59.9	-0.3
ANMO	Albuquerque	62.89 326	eP	P	10 24 40.4	-0.7
ANMO	Albuquerque	62.89 326	eP	P	10 23 59.9	-0.3
ANMO	Albuquerque	62.89 326	eP	P	10 24 40.4	-0.7
ANMO	Albuquerque	62.89 326	eP	P	10 23 59.9	-0.3
ANMO	Albuquerque	62.89 326	eP	P	10 24 40.4	-0.7
SCIA	State Center	62.95 340	eP	P	10 23 59.3	-1.2
TUC	Tucson	63.42 321	eP	P	10 24 03.0	-0.8
TUC	Tucson	63.42 321	eP	P	10 24 03.0	-0.8
VNA3	Neumayer Olymp	64.13 162	eP	P	10 24 06.3	-1.5
VNA3	Neumayer Olymp	64.13 162	eP	P	10 24 12.3	
VNA3	Neumayer Olymp	64.13 162	eP	P	10 24 16.6	
VNA3	Neumayer Olymp	64.13 162	eP	P	10 24 21.6	
VNA3	Neumayer Olymp	64.13 162	eP	P	10 24 23.9	
VNA3	Neumayer Olymp	64.13 162	eP	P	10 24 08.2	-0.3
SDCO	Great Sand Dun	64.54 329	eP	P	10 24 10.8	-0.1
SDCO	Sonoran Desert	64.57 320	JP	P	10 24 52.0	0.0
SDCO	Sonoran Desert	64.57 320	JP	P	10 24 11.1	-0.1
VNA2	Neumayer-Watz	64.69 161	eP	P	10 24 10.1	-1.3
VNA2	Neumayer-Watz	64.69 161	eP	P	10 24 16.4	
VNA2	Neumayer-Watz	64.69 161	eP	P	10 24 19.6	
VNA2	Neumayer-Watz	64.69 161	eP	P	10 24 24.5	
VNA2	Neumayer-Watz	64.69 161	eP	P	10 24 27.2	
VNA2	Neumayer-Watz	64.69 161	eP	P	10 24 30.7	
Z14A	Wintersburg	65.46 320	JP	P	10 24 16.8	-0.2
MVCO	Mesa Verde	65.68 326	eP	P	10 24 18.1	-0.1
MVCO	Mesa Verde	65.68 326	eP	P	10 24 18.0	-0.2
X15A	Humboldt	65.81 322	JP	P	10 24 19.2	0.0
Y14A	Wickenburg	65.89 321	P	P	10 24 19.5	-0.2
WUAZ	Wupatki	66.03 323	eP	P	10 24 20.9	+0.3
WUAZ	Wupatki	66.03 323	eP	P	10 24 20.5	-0.1
X14A	Yava	66.19 321	JP	P	10 24 21.5	-0.1
ISCO	Idaho Springs	66.20 330	eP	P	10 24 20.8	-0.8
ISCO	Idaho Springs	66.20 330	eP	P	10 24 20.8	-0.7
Y13A	Salome	66.31 320	P	P	10 24 22.2	-0.2
W15A	Williams	66.31 322	JP	P	10 24 22.5	+0.1
SMCO	Snowmass	66.38 329	eP	P	10 24 23.1	+0.4
SMCO	Paradox Valley	66.40 327	eP	P	10 25 04.4	+0.3
PV01	Paradox Valley	66.40 327	eP	P	10 25 04.2	0.0
Y12C	Blythe	66.69 320	JP	P	10 24 24.5	-0.3
W14A	Seligman	66.82 322	JP	P	10 24 25.8	+0.3
PDMC1	Parker Dam,Lak	66.83 320	JP	P	10 24 25.6	0.0
PV10	Paradox Valley	66.83 327	eP	P	10 24 24.6	-1.0
X13A	Yucca	66.84 321	JP	P	10 24 25.5	-0.2
SWSC	Sam W. Stewart	66.95 318	JP	P	10 24 26.5	0.0
DVTC	Desert V Tower	66.96 318	JP	P	10 24 26.6	0.0
BC3	Big Chuck Mtn	67.21 319	JP	P	10 24 27.8	-0.3
W13A	Hualapai Mount	67.22 321	JP	P	10 24 28.3	+0.3
PHWY	Pilot Hill	67.31 331	eP	P	10 24 28.4	-0.1
MONP	Monument Peak	67.32 318	JP	P	10 24 28.7	0.0
IRM	Iron Mountain	67.35 320	JP	P	10 24 28.7	-0.2
NEE2	Needles Airpor	67.43 321	JP	P	10 24 28.7	-0.7
LIC	Lamto	67.45 76	JP	P	10 24 29.7	-0.4
TIC	Toumou	67.61 75	JP	P	10 24 30.8	-0.3
109C	Camp Elliot, M	67.76 318	JP	P	10 24 31.1	-0.4
KIC	Kosan Boka	67.77 75	JP	P	10 24 32.0	0.0
BELC	Belle Mtn.	67.77 319	JP	P	10 24 31.5	-0.1
PFO	Pinyon Flat Ob	67.81 318	eP	P	10 24 32.1	+0.3
PFO	Pinyon Flat Ob	67.81 318	eP	P	10 24 32.1	+0.3
PFO	Pinyon Flat Ob	67.81 318	eP	P	10 24 31.7	-0.1
EYMN	Ely	67.94 344	eP	P	10 24 30.9	-1.4
W12A	Cal Nev Ari	67.94 321	JP	P	10 24 32.4	-0.3
GMRC	Granite Mounta	68.08 320	JP	P	10 24 33.5	+0.1
T14A	Hurricane	68.10 323	JP	P	10 24 33.8	+0.2
SRU	San Rafael	68.15 326	eP	P	10 24 33.5	-0.3
SRU	San Rafael	68.15 326	eP	P	10 24 33.5	-0.4
SRU	San Rafael	68.15 326	eP	P	10 24 34.3	0.0
V12A	Nelson	68.22 321	JP	P	10 24 34.3	0.0
MURC	Murieta	68.28 318	JP	P	10 24 34.6	-0.1
U12A	Valley of Fire	68.51 322	JP	P	10 24 36.2	0.0
BBRC	Big Bear Sol-O	68.52 319	JP	P	10 24 36.5	+0.2
HEC	Hector,Ludlow	68.53 320	JP	P	10 24 36.4	+0.1
T13A	Saint George	68.55 323	JP	P	10 24 36.6	+0.2
MSU	Marysval	68.61 325	eP	P	10 24 37.0	+0.3
S14A	Cedar City	68.64 324	JP	P	10 24 37.3	+0.4
V11A	Goodsprings	68.64 321	JP	P	10 24 37.0	+0.1
TUQ	Turquoise Mtn.	68.67 320	JP	P	10 24 37.2	0.0
SCI	San Clemente I	68.75 317	JP	P	10 24 37.8	+0.1
T12A	Moapa	68.81 322	JP	P	10 24 37.9	-0.1
CIS	Catalina Islan	68.93 317	JP	P	10 24 38.8	0.0
RRX	Edison Barstow	68.97 319	JP	P	10 24 39.0	0.0
BFSC	Mount Baldy St	68.98 318	P	P	10 24 39.0	-0.1
F11A	Corn Creek	69.01 321	JP	P	10 24 39.3	+0.1
UMP	Fort Macarthur	69.05 318	JP	P	10 24 39.5	0.0
GSC	Goldstone	69.13 320	JP	P	10 24 40.0	0.0
SHOC	Shoshone	69.20 320	JP	P	10 24 40.4	0.0
MPU	Maple Canyon	69.40 326	eP	P	10 24 41.4	-0.1
DECC	Great Verdugo	69.41 318	JP	P	10 24 41.7	0.0
DAU	Daniels Canyon	69.49 327	eP	P	10 24 42.2	+0.2
AGMN	Agassiz Refugio	69.51 341	eP	P	10 24 41.1	-0.9
U10A	Ash Meadows, A	69.57 321	JP	P	10 24 43.0	+0.3
NLU	North Lily Min	69.59 326	eP	P	10 24 42.9	+0.2
EDW	Edwards Air Fo	69.60 319	JP	P	10 25 24.6	+0.2
JLU	Jordanelle	69.73 327	eP	P	10 24 43.6	+0.1
R12A	Pony Springs,	69.85 323	JP	P	10 24 44.7	+0.4
OSI	Osito Adit	69.89 318	JP	P	10 24 44.5	-0.2
FURC	Furnace Creek,	69.93 321	JP	P	10 24 45.2	+0.3
MPMC	Manual Prospec	70.04 320	P	P	10 24 45.4	-0.2
BSC	Santa Cruz Isl	70.09 317	JP	P	10 24 45.7	-0.2
DUG	Dugway	70.16 326	JP	P	10 24 46.4	+0.2
DAC	Darwin (Calif)	70.25 320	eP	P	10 24 47.2	+0.4
DAC	Darwin (Calif)	70.25 320	eP	P	10 24 47.2	+0.4
ARVC	Arvin	70.28 318	JP	P	10 24 47.2	+0.1
PDAR	Pinedale Airfo	70.38 330	P	P	10 24 46.4	-1.0
PDAR	Pinedale Airfo	70.38 330	P	P	10 25 29.0	-0.3
BW06	Boulder Arroyo	70.38 330	eP	P	10 24 46.6	-0.8
Q12A	Willow Creek R	70.46 324	JP	P	10 24 47.9	+0.2
HWUT	Hardware Ranch	70.52 328	eP	P	10 24 48.0	-0.3
GRAC	Grapevine Rang	70.58 321	JP	P	10 24 48.9	0.0
CWC	Cottonwood Cre	70.65 320	JP	P	10 24 49.4	+0.2
S10A	Tonopah Range,	70.73 322	JP	P	10 24 49.9	+0.2
SPUT	South Promont	70.76 327	eP	P	10 24 49.8	0.0
PKM	Peak Mountain	70.77 318	P	P	10 24 50.2	+0.2
Q11A	Duckwater	70.80 323	JP	P	10 24 50.4	+0.3
VES	Vestal, Richgr	70.89 319	JP	P	10 24 50.7	0.0
S09A	Goldfield	70.97 321	P	P	10 24 51.3	+0.1
TIN	Tinemaha	71.14 320	JP	P	10 24 52.4	+0.2
SMMC	Simmler	71.14 318	JP	P	10 24 52.4	+0.1
R09A	Tonopah	71.22 322	P	P	10 24 52.8	+0.2
ULM	Lac du Bonnet	71.25 342	P	P	10 24 51.1	-1.4
ULM	Lac du Bonnet	71.25 342	P	P	10 24 51.5	-1.1
O12A	Currie	71.28 325	JP	P	10 24 53.0	+0.2
N13A	Wendover, West	71.38 325	JP	P	10 24 53.3	-0.2
HELL	Hells Peak	71.39 320	P	P	10 24 53.4	-0.3
S08C	White Mtn Res	71.39 321	JP	P	10 24 53.8	+0.1
V05C	Boulder Hill,	71.43 318	JP	P	10 24 54.1	+0.1
REDW	Red Top Meadow	71.45 329	eP	P	10 24 53.7	-0.2
LOHW	Long Hollow	71.52 330	eP	P	10 24 54.0	-0.3
MTUM	Tungsten Hills	71.54 320	eP	P	10 24 55.3	+0.7
TPAW	Teton Pass	71.60 329	eP	P	10 24 55.1	+0.4
RR12	Red Ridge	71.67 329	eP	P	10 24 55.2	0.0
O11A	Cowboy Ranch,	71.68 324	JP	P	10 24 55.7	+0.4
Q09A	Carvers	71.68 322	JP	P	10 24 55.8	+0.0
MOOW	Moose Ponds	71.69 330	eP	P	10 24 55.4	-0.3
MOOW	Moose Ponds	71.69 330	eP	P	10 25 36.3	-1.0
DCD1						



K08A	baz=75,SNR=13 Mann Creek Ran baz=75	75.00 325	↑P	P	10 25 14.8 +0.1
J09A	Fry Pan Ranch, baz=75	75.00 325	↓P	P	10 25 15.0 +0.3
H11A	Donnelly baz=75	75.01 327	↑P	P	10 25 14.5 -0.2
L07A	Adell baz=75	75.01 324	↓P	P	10 25 15.2 +0.5
M06C	Likely Place G baz=75,SNR=9.5	75.14 322	↑P	P	10 25 15.8 +0.3
CHMT	Chamberlain Mo O03C	75.21 330 75.31 321	eP ↑P	P	10 25 16.7 +0.9 10 25 16.5 -0.1
H10A	Noah's Angus R baz=75	75.31 327	↑P	P	10 25 16.3 -0.1
E13A	Victor baz=75,SNR=19	75.32 330	↑P	P	10 25 16.8 +0.4
H05A	Hoiland baz=75	75.34 319	↑P	P	10 25 16.6 -0.2
K07A	Rock Creek Ran baz=75	75.39 324	↓P	P	10 25 17.2 +0.3
J08A	Circle Bar Ran baz=76	75.40 325	↑P	P	10 25 17.0 0.0
I09A	Lost Marbles R baz=76	75.42 326	↑P	P	10 25 17.2 +0.1
LBCM	Butte Creek Ri D14A	75.42 322 75.45 330	↓P ↓P	P	10 25 17.0 -0.2 10 25 17.4 +0.2
HATC	Hat Creek Radi baz=76,SNR=6.6	75.47 322	↑P	P	10 25 17.2 -0.2
M50	Missoula comp=Z,12nm,1.3s,mb4.4	75.48 330	eP	P	10 25 17.5 +0.2
M50	Modoc	75.48 323	eP	pP	10 25 17.8 +0.4
MOD	Modoc	75.48 323	↑P	pP	10 25 17.8 +0.4
MOD	Modoc	75.48 323	↑P	pP	10 25 17.8 +0.4
GASB	Alder Springs baz=76,SNR=10	75.52 320	↑P	P	10 25 18.2 +0.5
G11A	Walters Elk Ra baz=76,SNR=9.8	75.62 328	↑P	P	10 25 18.1 -0.1
M05C	Lookout baz=76,SNR=15	75.63 322	↑P	P	10 25 18.4 0.0
BMO	Blue Mountains comp=Z,49nm,1.3s,mb4.9	75.75 327	eP	P	10 25 19.3 +0.2
BMO	Blue Mountains	75.75 327	eP	pP	10 26 01.1 -0.4
P01C	Double 8 Ranch baz=76,SNR=7.3	75.79 320	↑P	P	10 25 19.7 +0.4
I08A	Drewsey baz=76,SNR=7.5	75.82 325	↓P	P	10 25 19.7 +0.4
H09A	Druckee baz=76	75.84 327	↑P	P	10 25 19.4 0.0
J07A	Hines baz=76,SNR=6.5	75.87 325	↓P	P	10 25 20.0 +0.3
O02C	Red Bluff baz=76,SNR=5.9	75.88 320	↑P	P	10 25 19.4 -0.4
L05A	Lakeview baz=76,SNR=7.1	75.88 323	↑P	P	10 25 20.2 +0.5
F11A	Grangeville baz=76,SNR=16	75.90 328	↑P	P	10 25 19.4 -0.4
D13A	Huson baz=76,SNR=8.8	75.92 330	↑P	P	10 25 19.9 +0.1
WDC	Whiskey Run Da WDC	75.97 321 75.97 321	eP ↑P	P	10 25 18.2 -2.0 10 25 18.6 -1.7
K06A	Valley Falls baz=76,SNR=13	75.98 324	↓P	P	10 25 21.1 +0.5
C14A	Swan Lake baz=76	76.06 331	↑P	P	10 25 20.9 +0.3
M03C	McCloud baz=76,SNR=6.3	76.15 322	↑P	P	10 25 20.7 -0.6
TOA0	Torodi Ar. Sit	76.15 71	eP	P	10 25 21.5 -0.3
TOA0	Torodi Ar. Sit	76.15 71	eP	pP	10 25 22.2 -2.1
TORD	Torodi Ar. Bea comp=Z,48nm,0.5s,mb4.5,baz=255,slow=5.6,SNR=716	76.15 71	eP	pP	10 25 21.6 -0.2
TORD	Torodi Ar. Bea	76.15 71	eP	pP	10 26 02.9 -1.4
TORD	Torodi Ar. Bea	76.15 71	eP	LR	10 58 49.6
E11A	Bogner Ranch, baz=76,SNR=5.8	76.25 329	↑P	P	10 25 21.2 -0.5
J06A	Christmas Vall baz=76,SNR=12	76.26 324	↑P	P	10 25 22.0 +0.1
H08A	Prairie City baz=76,SNR=8.5	76.28 326	↓P	P	10 25 22.4 +0.4
M04C	Macdoel baz=76,SNR=14	76.30 322	↑P	P	10 25 22.1 0.0
K05A	Summer Lake baz=76,SNR=8.9	76.34 323	↓P	P	10 25 22.9 +0.6
C17A	Hot Springs baz=76,SNR=9.6	76.39 330	↑P	P	10 25 22.7 +0.2
O10A	Izze baz=76,SNR=11	76.44 325	↑P	P	10 25 23.4 +0.5
O01C	Eel River Cons baz=76	76.48 320	↑P	P	10 25 23.7 +0.5
F10A	Beach Ranch, E baz=77,SNR=11	76.50 328	↑P	P	10 25 23.4 +0.3
L04A	Klamath Falls baz=77,SNR=7.8	76.57 323	↓P	P	10 25 23.3 -0.3
BSMT	Bassoco Peak Callahan	76.61 330 76.66 321	↑P ↑P	P	10 25 24.3 +0.6 10 25 23.4 -0.7
M02C	S2 Ranch, Elgi Prineville	76.67 327 76.74 325	↑P ↑P	P	10 25 24.2 +0.1 10 25 25.1 +0.6
I06A	Chilquin baz=77	76.75 323	↑P	P	10 25 24.4 -0.2
YBH	Yreka Blue Hor baz=77,SNR=8.2	76.78 322	eP	P	10 25 23.4 -1.4
YBH	Yreka Blue Hor	76.78 322	eP	P	10 25 23.5 -1.3
E10A	Myers Farm, Un baz=77,SNR=14	76.79 328	↑P	P	10 25 24.8 0.0
B13A	Whites baz=77,SNR=7.6	76.83 331	↑P	P	10 25 25.1 +0.1
KHMM	Horse Mountain Fort Rock	76.87 321 76.89 324	eP ↓P	P	10 25 26.0 +0.7 10 25 25.4 0.0
G08A	Pilot Rock baz=77,SNR=8.3	76.94 326	↑P	P	10 25 26.1 +0.5
FCC	Flin Flon JCC	76.99 341 77.02 320	↑P ↓P	P	10 25 24.6 -1.1 10 25 26.2 0.0
WALA	Waterton Lakes comp=Z,9.6nm,0.9s,mb4.4	77.07 332	eP	P	10 25 25.9 -0.4
F08A	Pendleton baz=77,SNR=5.6	77.18 327	↑P	P	10 25 26.6 -0.3
A13A	Flathead Natio baz=77,SNR=16	77.21 331	↑P	P	10 25 27.3 +0.2
D10A	Wagner Farm, O baz=77,SNR=11	77.27 329	↑P	P	10 25 26.9 -0.5
G07A	Ruggs Ranch, H baz=77,SNR=9	77.31 326	↑P	P	10 25 28.3 +0.7
H06A	Lindquist Farm baz=77,SNR=18	77.32 325	↓P	P	10 25 28.5 +0.7
E09A	Wood Farm, Sta baz=77,SNR=14	77.34 328	↑P	P	10 25 27.9 0.0
J04A	Umpqua Nationa baz=77,SNR=6.4	77.36 323	↓P	P	10 25 28.0 0.0
B12A	Libby baz=78,SNR=9.7	77.43 330	↑P	P	10 25 28.3 +0.1
HUMO	Hull Mountain baz=78	77.46 322	↓P	P	10 25 28.3 -0.3
I05A	Bend baz=78	77.47 324	↓P	P	10 25 29.4 +0.8
L02A	Cave Junction baz=78	77.56 322	↑P	P	10 25 29.5 +0.3
H05A	Madras baz=78	77.75 325	↓P	P	10 25 30.4 +0.2
B11A	Sandpoint baz=78,SNR=5.8	77.78 330	↑P	P	10 25 30.2 0.0
A12A	Yaak River Ran baz=78,SNR=14	77.79 331	↑P	P	10 25 30.5 +0.3
D09A	Jones Farm, Ri baz=78,SNR=10	77.79 328	↑P	P	10 25 30.4 +0.1
E08A	Dider Farm, El baz=78	77.79 327	↑P	P	10 25 30.6 +0.1
C10A	Spilker Farm, baz=78,SNR=5.8	77.81 329	↓P	P	10 25 30.4 0.0
G06A	Carlson Farm baz=78,SNR=5.4	77.81 326	↑P	P	10 25 31.0 +0.5
CR07A	Criterion Ridg Phinny Hill V1	77.83 325 77.85 326	↑P ↓P	P	10 25 31.3 +0.7 10 25 31.2 +0.5
K02A	Glendale baz=78,SNR=8.2	77.87 322	↑P	P	10 25 31.2 +0.3
I04A	Tendick Farm, baz=78	77.88 324	↑P	P	10 25 30.7 -0.2
J03A	ldeyld Park baz=78	77.93 323	↑P	P	10 25 30.6 -0.6
HAWA	Hanford comp=Z,7.8nm,0.6s,mb4.5	77.97 327	eP	P	10 25 31.8 +0.5
NEW	Newport comp=Z,18nm,1.6s,mb4.5	78.02 329	eP	P	10 25 30.9 -0.6
NEW	Newport	78.02 329	eP	pmax	10 25 30.9 -0.6
B10A	Chitwood Farm, baz=78	78.09 329	↓P	P	10 25 32.4 +0.5
D08A	Wollman Farm, baz=78	78.10 328	↑P	P	10 25 32.4 +0.4
A11A	Hall Mountain, baz=78,SNR=10.0	78.14 330	↑P	P	10 25 32.5 +0.3
G05A	Wamic baz=78,SNR=11	78.18 325	↑P	P	10 25 33.0 +0.5
BROR	Big Rock Looko F06A	78.19 324 78.22 326	↑P ↑P	P	10 25 33.2 -0.3 10 25 33.2 +0.4
E07A	Sunnyside baz=78,SNR=7.3	78.25 327	↑P	P	10 25 33.2 +0.3
J02A	Umpqua baz=78	78.28 323	↑P	P	10 25 33.3 +0.2
H04A	Detroit Lake baz=78,SNR=7.7	78.31 324	↑P	P	10 25 32.8 -0.4
VFP	Flat Point PFVI	78.31 325 78.39 45	eP eP	P	10 25 33.9 +0.7 10 25 34.9 +1.0
HOOD	Mount Hood Mea K01A	78.41 325 78.47 322	eP ↓P	P	10 25 34.7 +0.9 10 25 35.8 +1.9
I03A	Eugene baz=78	78.48 323	↑P	P	10 25 34.2 0.0
FCC	Fort Churchill comp=Z,20nm,0.9s,mb4.8	78.49 347	eP	pmax	10 25 33.8 -0.1
FCC	Fort Churchill	78.49 347	eP	pmax	10 25 33.8 -0.1
MORF	Marlette comp=Z,20nm,0.9s,mb4.8	78.45 45	eP	pmax	10 25 36.3 +1.3
B09A	Rice baz=79,SNR=9.1	78.63 329	↑P	P	10 25 34.6 -0.3
C08A	Higginbotham F baz=79	78.64 328	↑P	P	10 25 34.8 -0.2
F05A	White Salmon baz=79	78.66 326	↑P	P	10 25 35.5 +0.4
PTEO	Sao Teonilio comp=Z,46nm,1.4s,mb4.5	78.68 45	eP	P	10 25 37.2 +1.8
A10A	Northport baz=79	78.72 330	↑P	P	10 25 34.7 -0.7
D07A	Quincy baz=79,SNR=8.1	78.73 327	↑P	P	10 25 35.6 +0.1
G04A	Mulino baz=79	78.79 325	↑P	P	10 25 36.7 +0.8
I02A	Mapleton baz=79	78.81 323	↑P	P	10 25 36.1 +0.1
E06A	Yakima baz=79,SNR=7.1	78.83 326	↑P	P	10 25 36.4 +0.4
H03A	Soap Creek Ran baz=79	78.92 324	↑P	P	10 25 36.9 +0.3
PBDV	Barranco-Do-Ve comp=Z,10nm,1.2s,mb4.6	79.06 45	eP	P	10 25 38.9 +1.4
C07A	Waterville baz=79,SNR=3.4	79.10 328	↑P	P	10 25 37.5 +0.1
B08A	Colville Reser baz=79,SNR=8.3	79.17 329	↑P	P	10 25 37.4 -0.5
D06A	Ce Eium baz=79,SNR=11	79.19 327	↑P	LR	11 01 10.1
MDT	Midett comp=Z,86nm,18.8s,baz=300,slow=35	79.21 51	LR	LR	11 01 10.1
A09A	Danville baz=79,SNR=7.6	79.22 329	↑P	P	10 25 37.7 -0.3
F04A	Amboy baz=79,SNR=7.8	79.22 325	↓P	P	10 25 37.7 -0.4
E05A	Rainier baz=79	79.26 326	↑P	P	10 25 38.0 -0.3
PVAQ	Vaqueiros comp=Z,19nm,1.8s,mb4.4	79.29 45	eP	P	10 25 39.8 +1.1
G03A	Yarnhill baz=79	79.31 324	↑P	P	10 25 38.8 +0.2
PBEJ	Beja comp=Z,12nm,1.0s,mb4.5	79.51 45	eP	P	10 25 41.0 +1.1
A08A	Turner Farm, O baz=80,SNR=21	79.54 329	↑P	P	10 25 39.8 -0.2
B07A	Winthrop baz=80,SNR=12	79.63 328	↑P	P	10 25 39.6 -0.5
C06A	Tall Timber Ra baz=80	79.68 328	↑P	P	10 25 40.8 +0.2
D05A	Enumclaw baz=80,SNR=9.3	79.78 326	↑P	P	10 25 41.0 -0.1
E04A	Onalaska baz=80	79.79 326	↓P	P	10 25 41.6 +0.4
F03A	Seaside Edmonton	79.84 325 79.87 335	↓P eP	P	10 25 41.8 +0.3 10 25 40.5 -1.0
EDM	Edmonton	79.87 335	eP	pP	10 26 22.8 -1.5
C05A	Tolt Reservoir EDM	79.94 327 79.94 327	↑P eP	P	10 25 41.7 -0.3 10 25 42.9 +0.5
BMW	Boisfort Moun PESTR	79.99 325 80.14 44	eP eP	P	10 25 42.2 +0.9 10 25 43.5 +0.4
A07A	Ashnola River, baz=80,SNR=1.1s,mb4.7	80.15 329	↑P	P	10 25 43.6 +0.4
D04A	Dobbs Creek Ra baz=80	80.16 326	↓P	P	10 25 43.5 0.0
E03A	Lebam baz=80	80.22 325	↓P	P	10 25 43.3 -0.8
RPW	Rockport baz=80,SNR=10	80.33 328	↑P	P	10 25 43.6 -0.8
B06A	Marblemount baz=80,SNR=10	80.36 328	↑P	P	10 25 43.5 -0.8
JCW	Jim Creek SYO	80.38 327 80.51 160	eP eP	P	10 25 43.5 -0.8 10 25 49.9 -1.3
SYO	Syowa Base SYO	80.51 160 80.51 160	eP eP	pP	10 25 49.9 -1.3 10 26 27.0 -0.7
B05A	Bryant baz=81,SNR=15	80.51 327	↑P	P	10 25 44.2 +0.7 10 25 46.1 +0.4
C04A	Brice baz=81,SNR=7.0	80.63 326	↓P	P	10 25 46.1 +0.4
D03A	Wishkah Elem. baz=81	80.68 326	↓P	P	10 25 46.1 +0.1
PCBR	Castelo Branco comp=Z,15nm,1.1s,mb4.5	80.72 43	eP	P	10 25 47.1 +0.7





4d 16h

Table with columns: PET, SPN, AVH, GRL, GNL, KIL, MIPR, MKZ, TUMR, ALID, KMNr, KPT, KAZ, SRDR, KBTR. Includes station names, coordinates, and time/res data.

CSEM 04 13:07:32.5:0.5, 2990N:3633E, h1km, ML1.9, Error ellipse: s-maj=11.5km s-min=3.8km az=50.0, Mining explosion.

ISCJB 04 13:07:34.3:1.3, 2984N:066:3626E:009, h0km, Error ellipse: s-maj=12.7km s-min=6.9km az=151.2

GII 04 13:07:35.0:1.0, 2991N:3621E, h0km, 30km, ML1.9/3 SGS 04 13:07:37.2, 2984N:3610E, h3km HLW 04 13:07:38.3, 2945N:3638E, h14km, Mb3.3

ISC 04 13:07:34.8:1.3, 2983N:006:3627E:008, h0km, n25, c0588/29, 2C-2D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like AOBJ, HRFI, EIL, etc.

BEO 04 13:54:56.3:0.9, 4298N:1718E, ML2.8/3 PDG 04 13:54:58.0:0.3, 4279N:1750E, h1km, ML2.6/10, Error ellipse: s-maj=1.0km s-min=1.7km az=0.0

ISC 04 13:54:55.9:1.1, 4276N:004:1729E:006, h10km, n26, c1152/50, 12C, Adriatic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like BRY, HCY, NKY, etc.

CASC 04 14:18:06.2:1.5, 870N:8328W, h8km, 8km, MD3.8, 3C-3D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like BAR1, CTOR, BRU2, etc.

ISC 04 14:33:10.1:2.6, 4571N:15035E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.4/20, mbtmp3.4/4, ML3.4/1, Error ellipse: s-maj=97.7km s-min=27.8km az=168.0

2007 FEB

MOS 04 14:33:12.3:0.2, 4329N:15036E, h147km, mb3.9/1, Error ellipse: s-maj=45.5km s-min=35.2km az=133.2 JMA 04 14:33:14.1:0.6, 4536N:15029E, h30km, M4.2 SKHL 04 14:33:15.9:0.7, 4429N:15057E, h33km ISCJB 04 14:33:18.2:1.2, 4449N:010:102E:01, h123km, 13km, mb3.2/3, Error ellipse: s-maj=20.0km s-min=9.0km az=140.0

ISC 04 14:33:18.8:1.1, 4451N:010:102E:01, h14km, 14km, n28, c091/41, mb3.2/3, 1D, East of Kuril Islands

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

ASAJ Asahikawa 5.52 269 P Pn 14 34 37.9 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like JFR, JNBK, JBT2, etc.

ISC 04 14:42:33.9:2.4, 4719N:15261E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.5/22, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=66.0km s-min=33.9km az=168.0, Kuril Islands

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

ISC 04 14:42:33.9:2.4, 4719N:15261E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.5/22, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=66.0km s-min=33.9km az=168.0, Kuril Islands

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

NEIC 04 15:35:34.9:2.9, 3634N:14098E, h97km, 24km, Error ellipse: s-maj=38.4km s-min=25.2km az=95.0

ISCJB 04 15:35:42.7:0.7, 3582N:006:13958E:009, h139km, 5km, mb3.2/2, Error ellipse: s-maj=13.7km s-min=8.8km az=142.3

ISC 04 15:35:43.5:1.9, 3580N:13958E, h132km, 16km, mb2.9/2, mb1 3.2/3, mb1mx2.9/20, mbtmp3.1/3, Error ellipse: s-maj=30.9km s-min=25.7km az=102.0

JMA 04 15:35:44.7:0.1, 3579N:13960E, h128km, 1km, M2.5 ISC 04 15:35:43.7:0.7, 3583N:006:13959E:008, h136km, 5km, n14, c065/24, mb3.2/2, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like JHU, JRY, JAG, etc.

ISC 04 16:20:48.4:1.2, 3853N:2045E, h0km, mb3.6/7, mb1 3.7/11, mb1mx3.6/25, mbtmp3.6/11, ML3.9/3, Error ellipse: s-maj=23.1km s-min=19.7km az=51.0

NEIC 04 16:20:49.9, 3831N:2037E, h6km, ML3.7(ATH), After ATH.

ISCJB 04 16:20:50.0:0.7, 3835N:003:2040E:004, h5km, 5km, mb3.6/7, Error ellipse: s-maj=5.3km s-min=4.5km az=24.8

ATH 04 16:20:49.9, 3831N:2037E, h6km, 1km, MD3.7/11, ML3.9 THE 04 16:20:51.4, 3845N:2032E, h3km, ML4.0

CSEM 04 16:20:51.5:0.1, 3834N:2046E, h2km, ML3.9, Error ellipse: s-maj=2.6km s-min=2.5km az=39.0

SKO 04 16:20:51.9, 3836N:2041E, h0km ISC 04 16:20:50.7:0.7, 3834N:003:2043E:004, h5km, 5km, n95, c136/114, mb3.6/7, 2C, Greece

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

ISC 04 16:20:50.7:0.7, 3834N:003:2043E:004, h5km, 5km, n95, c136/114, mb3.6/7, 2C, Greece

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Table with columns: YKA, NEW, NVAR, BW06, PDAR, SONM, TXAR, MKAR, AKTO, AKTK, BRTR, BOSA, BOSB. Includes station names, coordinates, and time/res data.

ISCJB 04 16:05:58.3:0.7, 2765N:005:1418E:01, h42km, 7km, mb4.0/15, Error ellipse: s-maj=21.8km s-min=6.3km az=163.5

ISC 04 16:05:59.5:2.2, 2758N:14179E, h38km, 22km, mb3.7/12, mb1 4.0/14, mb1mx3.9/21, mbtmp3.8/14, ML3.8/1, Error ellipse: s-maj=25.2km s-min=16.0km az=66.0

NIED 04 16:06:00.2750N:14210E, h47km, Mw4.5 Best double couple: Mb5.91000:1015 NP1%211.00000: 844.00000, 1-33.00000: NP2%326.00000: 568.00000, 1-129.00000

NEIC 04 16:06:01.5:1.6, 2765N:14174E, h55km, 13km, mb4.7/1, Mw4.4(NIED), Error ellipse: s-maj=17.2km s-min=10.4km az=92.0

NEIC Recorded (1 JMA) in Tokyo Prefecture, Honshu. JMA 04 16:06:01.3, 2754N:14207E, h44km, 1km, M4.5 JMA Fell I J1.

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CBJ, JHH, JH2, etc.

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ASAJ, SONM, WB2, etc.

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ARCS, JOF, FINES, etc.

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like NVAR, AKAS, NOA, etc.

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

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

ISC 04 16:06:00.0:0.6, 2759N:005:1419E:01, h43km, 6km, n35, c0959/37, mb4.0/15, Bonin Islands region

Table with columns: LKR, Lokris, 2.04, 80, ePn, Pg, 16 21 27.8 -2.0, etc. Lists various stations and their parameters.

Table with columns: LPAZ, La Paz, 22.73, 159, P, P, 17 13 00.3 -1.2, etc. Lists various stations and their parameters.

Table with columns: NOA, NORSAR Array B, 84.38, 29, P, P, 17 20 29.1 +0.8, etc. Lists various stations and their parameters.

IDD 04 17:31:06.9z-2.0, 622S:132.30E, h0km, mb4.1/3, mb1 4.1/5, mb1mx3.9/12, mbtmp4.0/5, ML3.8/2, Error ellipse: s-maj=77.6km s-min=30.4km az=94.0

ISCJB 04 17:31:18.0z-2.7, 659S:010:131.8E, 02, h113km, 30km, mb3.9/3, Error ellipse: s-maj=27.3km s-min=16.3km az=3.2

ISC 04 17:31:11.1z-5.3, 627S:009:132.2E, 03, h27km, 40km, n8, 0560/13, mb4.0/3, Tanzi Islands region

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

NEIC 04 17:42:01.3z-0.8, 2189N:143.01E, h100km, Error ellipse: s-maj=24.5km s-min=19.7km az=66.0

MOS 04 17:42:03.8z-1.1, 2185N:143.15E, h144km, mb4.0/5, Error ellipse: s-maj=32.7km s-min=12.2km az=119.9

IDD 04 17:42:07.6z-8.8, 2179N:142.95E, h154km, 80km, mb3.4/8, mb1 3.6/8, mb1mx3.5/19, mbtmp3.4/8, MS3.2/2, Ms1 3.2/2, ms1mx2.7/17, Error ellipse: s-maj=35.6km s-min=22.1km az=75.0

ISCJB 04 17:42:09.7z-6.4, 218N:01:142.9E, 02, h193km, 59km, mb3.6/11, Error ellipse: s-maj=32.0km s-min=22.4km az=161.1

ISC 04 17:42:09.8z-6.1, 218N:01:143.0E, 02, h181km, 55km, n28, 0599/23, mb3.7/11, 8C-2D, Mariana Islands region

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

YKA Yellowknife Ar 76.42 28 P P 17 53 40.1 +1.1

KIV Kislovodsk 82.21 314i P P 17 54 09.1 -1.6

NVAR Mila Array Bea 83.19 51 P P 17 54 17.0 +1.1

AKASG Mila Array Bea 83.07 324 P P 17 54 36.3 +0.2

LPAZ La Paz 150.09 85 PKPbc PKPbc 18 01 43.0 +3.1

LPAZ La Paz 150.85 PKPbc PKPbc 18 01 43.0 -3.4

LPAZ La Paz 150.09 85 PKPbc PKPbc 18 01 43.0 +3.1

WEL 04 17:42:47.8z-0.3, 3974S:17437E, h129km, 3km, ML3.5/8, Error ellipse: s-maj=2.0km s-min=1.1km az=90.0, North Island

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

ISCJB 04 17:08:07.4z-0.4, 511N:005:7632W, 004, h115km, 4km, mb4.1/45, Error ellipse: s-maj=8.9km s-min=5.6km az=26.1

NEIC 04 17:08:07.6z-0.2, 501N:76.46W, mb4.2/31, Error ellipse: s-maj=7.2km s-min=5.6km az=52.0

IDD 04 17:08:08.2z-0.7, 509N:76.28W, h110km, 6km, mb3.6/13, mb1 3.8/15, mb1mx3.8/20, mbtmp3.6/15, MS2.9/2, Ms1 2.9/2, ms1mx2.6/24, Error ellipse: s-maj=14.9km s-min=7.8km az=28.0

CASC 04 17:08:17.8z-2.9, 579N:76.80W, h36km, 999km, MD4.6, mb4.2(NIC)

ISC 04 17:08:08.4z-0.4, 509N:005:7631W, 004, h110km, 4km, h113km, 2.7km, pp:N229, 0586/127, mb4.1/45, 2C-1D, Colombia

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

TOAD Toad Ar 77.19 78 P P 17 19 49.9 -1.0

TORD Torod Ar 77.19 78 P P 17 19 50.1 -0.8

RJF La Freestone 77.25 45 P P 17 19 50.8 +0.1

RJF Les Rejaudoux 77.83 45 P P 17 19 53.6 -0.3

RJF Les Rejaudoux 77.83 45 P P 17 19 53.6 -0.3

MTF Montlieux 78.17 47 P P 17 19 55.8 -0.1

CAF Calviac 78.19 45 P P 17 19 56.0 +0.1

CAF Calviac 78.19 45 P P 17 19 56.0 +0.1

TCF Touix Ste Croix 78.40 44 P P 17 19 59.9 -0.2

BGF Bois d'Agland 78.86 44 P P 17 19 59.2 -0.4

AVF Avril sur Loir 79.22 43 P P 17 20 01.1 -0.5

AVF Avril sur Loir 79.22 43 P P 17 20 01.1 -0.5

SSF Saint Saule 79.35 43 P P 17 20 01.6 -0.6

SSF Saint Saule 79.35 43 P P 17 20 01.6 -0.6

LASF Ste Croix 79.41 46 P P 17 20 02.5 -0.1

SMF Signal de Mont 79.55 44 P P 17 20 02.7 -0.6

LOR Lormes 79.60 43 P P 17 20 02.9 -0.7

LOR Lormes 79.60 43 P P 17 20 02.9 -0.7

BAIF Baives 80.02 40 P P 17 20 05.9 +0.1

VIVF Saint-Julien-1 80.03 45 P P 17 20 06.5 +0.5

ORIF Oris-en-Rattie 80.89 45 P P 17 20 11.4 +0.8

ORIF Oris-en-Rattie 80.89 45 P P 17 20 11.4 +0.8

CABF La Chapelle 81.09 44 P P 17 20 11.4 -0.2

CABF La Chapelle 81.09 44 P P 17 20 11.4 -0.2

LMR La Moure 81.30 47 P P 17 20 12.6 -0.2

LPL La Plagne 81.51 45 P P 17 20 14.7 +0.9

MBDF Montbardon 81.52 46 P P 17 20 13.9 -0.0

LPF La Plagne 81.52 45 P P 17 20 14.7 +0.2

HNF Hinfersfeld 81.66 43 P P 17 20 13.1 -0.6

SBF Sospel 81.98 47 P P 17 20 16.2 -0.2

PGF Pioggiola 83.13 48 P P 17 20 22.1 -0.2

KEST Kesra 83.53 55 P P 17 20 25.6 +1.1

1.6nm, 0.8s, mb3.9, baz=276, slow=9.5, SNR=3.6













SAO	comp=Z,47nm,0.9s,mb5.1	ePP	PP	21 06 23.1 +2.2
SAO	comp=Z,10um,20.0s,MS5.7	LR	LR	
SAO	<b>San Andreas Ge</b> 41.34 304	e	P	21 04 45.3 -0.2
SAO		e		21 06 23.2
SAO	comp=Z,47nm,0.9s,mb5.1		pmax	
SAO		MLR	MLR	
HAST	<b>UC Hastings Re</b> 41.34 303	UP	P	21 04 44.6 -0.9
HAST	baz=41	US	S	21 11 02.8 +2.7
S04C	<b>Ingram Canyon,</b> 41.42 305	UP	P	21 04 45.0 -1.1
S04C	baz=41	US	S	21 11 06.2 +5.1
K07A	<b>Rock Creek Ran</b> 41.45 313	P	P	21 04 45.6 -0.6
K07A	baz=42,SNR=22	US	S	21 11 00.7 -0.7
I08A	<b>Drewsey</b> 41.45 315	UP	P	21 04 44.7 -1.5
I08A	baz=42	US	S	21 11 02.1 +0.7
F10A	<b>Beach Ranch, E</b> 41.45 319	UP	P	21 04 44.9 -1.3
F10A	baz=42	US	S	21 10 59.3 -2.1
E10A	<b>Myers Farm, Un</b> 41.61 319	UP	P	21 04 46.0 -1.5
E10A	baz=42	US	S	21 11 04.8 +1.1
B12A	<b>Libby</b> 41.67 323	UP	P	21 04 46.8 -1.2
B12A	baz=42	US	S	21 11 05.3 +0.7
J07A	<b>Hines</b> 41.74 314	UP	P	21 04 47.4 -1.2
J07A	baz=42	US	S	21 11 04.5 -1.2
O05C	<b>Quincy</b> 41.75 309	UP	P	21 04 47.6 -1.2
O05C	baz=42	US	S	21 11 08.9 +2.9
H08A	<b>Prairie City</b> 41.76 316	UP	P	21 04 47.4 -1.3
H08A	baz=42	US	S	21 11 06.0 +0.1
F09A	<b>S2 Ranch, Elgi</b> 41.76 318	UP	P	21 04 47.1 -1.6
F09A	baz=42	US	S	21 11 06.1 +0.1
WENL	<b>Wente Brothers</b> 41.78 305	UP	P	21 04 47.8 -1.2
WENL	baz=42	US	S	21 11 12.0 +5.5
Q04C	<b>Lincoln</b> 41.79 307	UP	P	21 04 47.7 -1.3
Q04C	baz=42	US	S	21 11 07.8 +1.2
ELFS	<b>Eagle Lake Fie</b> 41.81 310	P	P	21 04 48.6 -0.6
ELFS	baz=42,SNR=32	US	S	21 11 07.9 +1.1
M06C	<b>Likely Place G</b> 41.81 311	UP	P	21 04 48.0 -1.2
M06C	baz=42,SNR=40	US	S	21 11 07.9 +1.1
MOD	<b>Modoc</b> 41.91 312	eP	P	21 04 49.0 -1.0
MOD	comp=Z,51nm,1.0s,mb5.1	ePP	PP	21 06 26.7 -0.3
MOD		LR	LR	
MOD	comp=Z,6um,19.0s,MS5.5			
MOD	<b>Modoc</b> 41.91 312	P	P	21 04 48.9 -1.1
MOD	baz=42,SNR=49	US	S	21 11 11.6 +3.3
BDM	<b>Black Diamond</b> 41.94 306	UP	P	21 04 50.4 0.0
BDM	baz=42	US	S	21 11 11.9 +3.0
A12A	<b>Yaak River Ran</b> 41.95 323	UP	P	21 04 49.3 -0.9
A12A	baz=42	US	S	21 11 11.2 +2.5
D10A	<b>Wagner Farm, O</b> 41.98 320	P	P	21 04 48.9 -1.6
D10A	baz=42,SNR=19	US	S	21 11 09.2 +0.1
O04C	<b>Chester</b> 41.98 309	UP	P	21 04 49.8 -0.8
O04C	baz=42,SNR=26	US	S	21 11 10.8 +1.4
BNLO	<b>Ben Lomond (Sa</b> 41.99 304	UP	P	21 04 50.4 -0.4
BNLO	baz=42	US	S	21 11 12.3 +2.7
OHCMI	<b>Honcut</b> 42.00 308	eP	P	21 04 50.9 +0.1
ORV	<b>Oroville</b> 42.07 308	eP	P	21 04 50.8 -0.8
ORV	baz=42,SNR=59	US	S	21 11 12.9 +2.2
JRSC	<b>Jasper Ridge</b> 42.10 305	UP	P	21 04 50.7 -0.9
JRSC	baz=42	US	S	21 11 16.0 +4.8
B11A	<b>Sandpoint</b> 42.10 322	P	P	21 04 50.5 -1.1
B11A	baz=42,SNR=11	US	S	21 11 08.8 -2.2
I07A	<b>Izee</b> 42.14 315	UP	P	21 04 51.4 -0.4
I07A	baz=42,SNR=9.3	US	S	21 11 10.6 -1.0
K06A	<b>Valley Falls</b> 42.18 313	UP	P	21 04 51.7 -0.5
K06A	baz=42,SNR=10.0	US	S	21 11 18.0 +5.7
SUTB	<b>Sutter Butte</b> 42.20 307	UP	P	21 04 51.8 -0.7
SUTB	baz=42	US	S	21 11 16.8 +4.2
Q03C	<b>Winters</b> 42.22 306	UP	P	21 04 52.1 -0.5
Q03C	baz=42	US	S	21 11 14.1 +1.2
G08A	<b>Pilot Rock</b> 42.26 317	UP	P	21 04 51.9 -1.0
G08A	baz=42,SNR=15	US	S	21 11 12.9 -0.4
E09A	<b>Wood Farm, Sta</b> 42.26 319	UP	P	21 04 51.5 -1.4
E09A	baz=42,SNR=15	US	S	21 11 14.4 +1.0
J06A	<b>Christmas Vall</b> 42.27 314	P	P	21 04 51.2 -1.7
J06A	baz=42,SNR=24	US	S	21 11 14.5 +0.9
LBCM	<b>Butte Creek Ri</b> 42.33 310	P	P	21 04 51.9 -1.6
L05A	<b>Lakeview</b> 42.33 312	UP	P	21 04 52.4 -1.1
L05A	baz=42,SNR=23	US	S	21 11 16.4 +1.9
M05C	<b>Lookout</b> 42.34 311	P	P	21 04 52.4 -1.1
M05C	baz=42,SNR=58	US	S	21 11 16.5 +1.9
F08A	<b>Pendleton</b> 42.35 318	P	P	21 04 51.9 -1.7
F08A	baz=42,SNR=13	US	S	21 11 15.1 +0.4
C10A	<b>Spiker Farm,</b> 42.35 321	UP	P	21 04 52.2 -1.4
C10A	baz=42	US	S	21 11 13.7 -1.0
A11A	<b>Hall Mountain,</b> 42.37 323	UP	P	21 04 52.3 -1.4
A11A	baz=42,SNR=39	US	S	21 11 15.2 +0.3
HATC	<b>Hat Creek Radi</b> 42.40 310	UP	P	21 04 52.8 -1.2
HATC	baz=42,SNR=10	US	S	21 11 19.8 +4.2
NEW	<b>Newport</b> 42.46 322	P	P	21 04 52.7 -1.7
NEW	comp=Z,7.0nm,0.8s	e	pmax	

NEW	comp=Z,20um,20.5s	MLR	MLR	
NEW	<b>Newport</b> 42.46 322	P	P	21 04 52.7 -1.7
NEW	comp=Z,6.9nm,0.8s,MS6.0,SNR=15	LR	LR	21 22 27.3
CVS	<b>Carmenet Viney</b> 42.49 306	UP	P	21 04 54.0 -0.8
CVS	baz=42	US	S	21 11 22.0 +5.0
LTIM	<b>Timbered Crate</b> 42.53 310	P	P	21 04 53.9 -1.9
B10A	<b>Chitwood Farm,</b> 42.54 322	UP	P	21 04 53.7 -1.4
B10A	baz=42	US	S	21 11 16.5 -0.8
I06A	<b>Prineville</b> 42.56 315	UP	P	21 04 54.1 -1.2
I06A	baz=43	US	S	21 11 16.8 -1.0
O03C	<b>Acorn Hollow,</b> 42.59 308	UP	P	21 04 53.2 -2.3
O03C	baz=43	US	S	21 11 21.3 +3.0
K05A	<b>Summer Lake</b> 42.60 313	P	P	21 04 55.0 -0.6
K05A	baz=43,SNR=8.3	US	S	21 11 15.7 -2.7
MNRC	<b>McLaughlin Nat</b> 42.60 307	UP	P	21 04 55.0 -0.7
MNRC	baz=43,SNR=15	US	S	21 11 22.9 +4.3
D09A	<b>Jones Farm, Ri</b> 42.61 320	UP	P	21 04 54.3 -1.4
D09A	baz=43	US	S	21 11 17.1 -1.3
NSHM	<b>Saint Helena R</b> 42.64 306	eP	P	21 04 55.8 -0.2
G07A	<b>Ruggs Ranch, H</b> 42.71 317	UP	P	21 04 55.1 -1.4
G07A	baz=43	US	S	21 11 18.0 -2.0
MCCM	<b>Marconi Confer</b> 42.76 306	eP	P	21 05 01.3 +4.2
MCCM	baz=43	e	S	21 06 46.5
MCCM		eS	S	21 11 31.4 +1.0
MCCM		LR	LR	
MCCM	comp=Z,12um,20.0s,MS5.8			
MCCM	<b>Marconi Confer</b> 42.76 306	UP	P	21 11 21.4 +0.4
E08A	<b>Dider Farm, EI</b> 42.82 319	UP	P	21 04 56.0 -1.4
E08A	baz=43	US	S	21 11 23.1 +1.5
H06A	<b>Lindquist Farm</b> 42.94 316	UP	P	21 04 57.1 -1.2
H06A	baz=43	US	S	21 11 22.7 -0.7
M04C	<b>Macdoel</b> 42.96 311	UP	P	21 04 57.6 -1.0
M04C	baz=43,SNR=22	US	S	21 11 27.2 +3.4
D08A	<b>Wollman Farm,</b> 42.98 319	UP	P	21 11 25.8 +1.9
D08A	baz=43	US	S	21 11 25.8 +1.9
OD2	<b>Odessa Site #2</b> 43.00 320	P	P	21 04 57.4 -1.4
GASB	<b>Alder Springs</b> 43.01 308	UP	P	21 04 58.7 -0.3
GASB	baz=43,SNR=6.9	US	S	21 11 26.1 +1.6
M03C	<b>McCloud</b> 43.01 310	UP	P	21 04 58.2 -0.8
M03C	baz=43,SNR=8.9	US	S	21 11 24.8 +0.2
J05A	<b>Fort Rock</b> 43.02 313	P	P	21 04 57.9 -1.2
J05A	baz=43,SNR=19	US	S	21 11 26.2 +1.6
A10A	<b>Northport</b> 43.06 322	UP	P	21 04 57.6 -1.7
A10A	baz=43	US	S	21 11 25.0 0.0
HAWA	<b>Hanford</b> 43.08 318	eP	P	21 04 57.7 -1.7
HAWA	comp=Z,34nm,1.1s,mb5.0	eP	P	21 06 45.0 -4.4
HAWA		eScP	ScP	21 10 40.0 -0.7
HAWA		LR	LR	
HOP	comp=Z,13um,21.0s,MS5.8			
HOP	<b>Hopland</b> 43.11 307	eP	P	21 05 00.2 +0.4
HOP	comp=Z,120nm,1.4s,mb5.4	e		21 06 45.1
HOP		eScP	ScP	21 10 32.2 -8.9
HOP		LR	LR	
HOP	comp=Z,14um,19.0s,MS5.9			
HOP	<b>Hopland</b> 43.11 307	UP	P	21 04 57.9 -1.9
HOP	baz=43	US	S	21 11 28.4 +2.4
GBL	<b>Gable Mountain</b> 43.12 319	P	P	21 04 58.5 -1.2
L04A	<b>Klamath Falls</b> 43.12 312	P	P	21 04 58.6 -1.2
L04A	baz=43,SNR=15	US	S	21 11 24.2 -1.9
WDC	<b>Whiskeytown Da</b> 43.12 309	eP	P	21 04 57.1 -2.7
WDC	comp=Z,90nm,1.4s,mb5.3	eP	P	21 06 53.0 +3.4
WDC		eP	P	21 04 57.2 -2.7
WDC		e	pmax	21 06 53.1
WDC	comp=Z,90nm,1.4s,mb5.3	MLR	MLR	
WDC	comp=Z,13um,20.0s,MS5.8			
WDC	<b>Whiskeytown Da</b> 43.12 309	P	P	21 04 57.1 -2.8
WDC	baz=43,SNR=24	US	S	21 11 25.6 -0.5
F07A	<b>Phiny Hill Vi</b> 43.12 317	UP	P	21 04 58.9 -1.0
F07A	baz=43	US	S	21 11 24.2 -1.9
B09A	<b>Rice</b> 43.14 321	UP	P	21 04 58.1 -1.8
B09A	baz=43	US	S	21 11 25.6 -0.5
K04A	<b>Chiquin</b> 43.14 312	UP	P	21 11 25.8 -0.7
EDM	<b>Edmonton</b> 43.19 330	eP	P	21 04 58.8 -1.5
EDM	baz=43	ePP	PP	21 06 39.7 -0.9
O02C	<b>Red Bluff</b> 43.19 308	P	P	21 04 58.1 +1.2
O02C	baz=43,SNR=19	US	S	21 04 58.1 -2.3
G06A	<b>Carlson Farm,</b> 43.32 316	UP	P	21 04 59.7 -1.8
G06A	baz=43	US	S	21 11 28.6 -0.4
I05A	<b>Bend</b> 43.35 315	UP	P	21 05 00.0 -1.7
I05A	baz=43	US	S	21 11 27.4 -2.0
E07A	<b>Sunnyside</b> 43.35 318	UP	P	21 04 59.8 -1.8
E07A	baz=43	US	S	21 11 31.6 +2.3
C08A	<b>Higginbotham F</b> 43.38 320	P	P	21 05 00.1 -1.8
C08A	baz=43,SNR=11	US	S	21 11 31.8 +2.1
P01C	<b>Double 8 Ranch</b> 43.42 307	UP	P	21 05 01.2 -1.1
P01C	baz=43,SNR=26	US	S	21 11 30.9 +0.3
H05A	<b>Madras</b> 43.49 315	UP	P	21 05 00.8 -2.1
H05A	baz=44	US	S	21 11 34.2 +2.7
YBH	<b>Yreka Blue Hor</b> 43.57 311	eP	P	21 05 01.3 -2.2
YBH	comp=Z,29nm,1.1s,mb4.9	eP	P	21 06 55.8 +4.7
YBH		LR	LR	
YBH	comp=Z,8um,21.0s,MS5.6			
YBH	<b>Yreka Blue Hor</b> 43.57 311	eP	P	21 05 01.3 -2.2
YBH		e	pmax	21 06 55.8
YBH			pmax	
YBH	comp=Z,29nm,1.1s	MLR	MLR	
YBH	comp=Z,8um,21.0s			

YBH	<b>Yreka Blue Hor</b> 43.57 311	P	P	21 05 01.1 -2.4
YBH	baz=44,SNR=23	US	S	21 11 34.9 +2.2
M02				







GRF	Grafenberg Arr	75.22	42	eP	P	21 08 43.4 +1.2	BRG	SS	SS	21 23 30.0 -1.8	AQU	L'Aquila	78.49	49	eP	P	21 09 01.9 +1.1			
GRF				eS	S	21 18 20.3 -0.9	BRG			21 27 19.9	AQU	L'Aquila	78.49	49	eP	P	21 09 01.9 +1.1			
GRF				pmax	pmax		BRG			21 37 44.4	AQU				pmax	pmax				
GRF	comp=Z,33nm,1.3s,mb5.1			MLR	MLR		BRG	comp=Z,2um,16.5s,MS5.5	41	iP	P	21 08 50.9 +0.6	AQU	L'Aquila	78.49	49	iP	P	21 09 06.3 +5.5	
GRF	comp=Z,7um,21.4s,MS6.0						BRG	Berggiesshubel	76.65	41	iP	P	21 09 02.0	PERS	Pernice	78.50	45	iP	P	21 09 01.3 +0.5
GRF	Grafenberg Arr	75.22	42	eP	P	21 08 43.4 +1.2	BRG			21 11 41.8	PTQR	Pietraguaria	78.58	49	iP	P	21 09 05.0 +3.7			
GRF	comp=Z,33nm,1.3s,mb5.1			eS	S	21 18 20.3 -0.9	BRG			21 18 40.0 +3.1	CONA	Conrad Observa	78.63	43	iP	pP	21 09 02.7 -2.0			
GRF				eL	LR	21 35 06.7	BRG			21 23 30.0 -1.8	VRAC	Vranov	78.71	42	iP	P	21 09 02.6 +0.7			
GRFO	Grafenberg	75.22	42	eP	P	21 08 43.2 +1.0	BRG	comp=Z,55nm,1.8s,mb5.2		pmax	pmax	DOBS	Dobrina	78.87	45	eP	P	21 09 08.3 +5.4		
GRFO	comp=Z,54nm,1.3s,mb5.3			eP	P	21 08 55.5 -0.1	BRG	comp=Z,20nm,1.8s,mb4.8		MLR	MLR	PPT	Papeete	78.96	247	eS	SS	21 18 57.3 -5.5		
GRFO				ePP	PP	21 11 31.5 +1.2	BRG	comp=N,2um,16.7s,MS5.8		MLR	MLR	PPT				eSS	SS	21 24 05.4 -3.2		
GRFO				eLR	LR		BRG	comp=E,3um,16.5s,MS5.8		MLR	MLR	PPT				eLR	LR	21 33 34.2		
GRFO	comp=Z,6um,21.0s,MS5.9			e	P	21 08 43.2 +1.0	BRG	comp=Z,2um,16.5s,MS5.5		MLR	MLR	PPT	comp=Z,2um,26.5s			eLR	LR	21 33 34.2		
GRFO				e	P	21 08 55.5	BRG	Berggiesshubel	76.65	41	eP	P	21 08 51.1 +0.8	PPT	Papeete	78.96	247	eP	P	21 09 04.9 +1.2
GRFO				e	P	21 11 31.5	BRG	comp=Z,57nm,1.3s,mb5.3		iP	P	21 08 50.9 +0.6	PPT			eS	SS	21 24 57.3 -5.5		
GRFO	comp=Z,53nm,1.3s,mb5.3			pmax	pmax		BRG	Berggiesshubel	76.65	41	iP	P	21 09 02.0	PPT	Papeete	78.96	247	eP	P	21 09 04.9 +1.2
GRFO	comp=Z,6um,21.0s,MS5.9			MLR	MLR		BRG	comp=Z,92nm,1.8s,mb5.4		i	P	21 09 02.0	PPT			eS	SS	21 24 05.4 -3.2		
GRFO	comp=Z,7um,21.4s,MS6.0			MLR	MLR		BRG	comp=Z,29nm,1.1s		i	P	21 09 23.9	PPT			eSS	SS	21 24 05.4 -3.2		
GRFO	Grafenberg Arr	75.22	42	eP	P	21 08 43.3 +0.9	BRG	comp=Z,51nm,1.7s		ePP	PP	21 11 41.8 -0.6	PPT			pmax	pmax			
GRFO	comp=Z,33nm,1.3s,mb5.1			eS	S	21 18 24.0 +2.4	BRG	comp=Z,33nm,1.8s		e	P	21 14 16.4	PAE	Paea	79.00	247	eP	P	21 09 05.3 +1.4	
GRFO	Moxa	75.26	41	eP	P	21 08 43.3 +0.9	BRG	comp=Z,17nm,1.6s		S	S	21 18 40.0 +3.1	PAE	Paea	79.00	247	eP	P	21 09 05.3 +1.4	
GRFO				eP	P	21 08 43.3 +0.9	BRG	comp=Z,17nm,1.6s		S	S	21 23 30.0 -1.8	PAE			pmax	pmax			
GRFO	comp=Z,73nm,1.6s,mb5.4			eS	S	21 18 24.0 +2.4	BRG	comp=Z,17nm,1.6s		S	S	21 27 19.9	PAE			pmax	pmax			
GRFO	Moxa	75.26	41	eP	P	21 08 43.3 +0.9	BRG	comp=Z,17nm,1.6s		S	S	21 27 19.9	PAE			pmax	pmax			
GRFO	comp=Z,5um,20.0s			eS	S	21 08 43.0 +2.4	BRG	comp=Z,16nm,1.8s		e	P	21 37 44.4	PAE			pmax	pmax			
GRFO	Moxa	75.26	41	eP	P	21 08 43.1 +0.7	BRG	comp=Z,16nm,1.8s		e	P	21 37 44.4	PAE			pmax	pmax			
GRFO	comp=Z,73nm,1.6s,mb5.4			eP	P	21 08 43.1 +0.7	BRG	comp=Z,79nm,2.1s		ePKPPKP		PAE				pmax	pmax			
GRFO	Moxa	75.26	41	eP	P	21 08 43.1 +0.7	BRG	comp=Z,79nm,2.1s		ePKPPKP		PAE				pmax	pmax			
GRFO	comp=Z,84nm,1.7s,mb5.4			iP	P	21 08 42.9 +0.2	BRG	comp=N,4um,16.7s		i	P	21 09 23.9	PAE			pmax	pmax			
GRFO	Moxa	75.26	41	eP	P	21 08 42.9 +0.2	BRG	comp=N,4um,16.7s		i	P	21 09 23.9	PAE			pmax	pmax			
GRFO	comp=Z,50nm,0.9s,mb5.4			iP	P	21 08 42.9 +0.2	BRG	comp=E,6um,16.5s		i	P	21 09 23.9	PAE			pmax	pmax			
GRFO	Pioggiola	75.28	50	iP	P	21 08 42.9 +0.2	BRG	comp=Z,3um,16.5s		i	P	21 09 23.9	PAE			pmax	pmax			
GRFO	comp=Z,50nm,0.9s,mb5.4			iP	P	21 08 42.9 +0.2	BRG	comp=Z,3um,16.5s		i	P	21 09 23.9	PAE			pmax	pmax			
GRFO	Reutte	75.41	44	iP	P	21 08 43.8 +0.4	ABTA	Abfaltersbach	76.74	45	iP	P	21 08 49.5 -1.5	MODS	Modra-Piesok	79.15	42	eP	P	21 09 06.4 +0.7
GRFO	comp=Z,106nm,0.9s,mb5.4,SNR=20			iP	P	21 08 39.0 -4.7	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 19 05.0 -1.8	
GRFO	Djebel Manchou	75.44	56	P	P	21 08 39.0 -4.7	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Corfe	75.45	50	P	P	21 08 45.4 +1.7	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Feichten	75.49	45	iP	P	21 08 44.8 +0.9	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,72nm,1.1s,mb5.5,SNR=12			iP	P	21 08 44.8 +0.9	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Djebel Ababsia	75.57	56	P	P	21 08 41.0 -3.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Motalsalm	75.67	45	iP	P	21 08 45.2 +0.4	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,118nm,1.4s,mb5.6,SNR=15			iP	P	21 08 45.2 +0.4	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Motalsalm	75.67	45	iP	P	21 08 45.2 +0.4	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,118nm,1.4s,mb5.6			iP	P	21 08 46.3 +0.9	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Sankt Quirin	75.76	45	iP	P	21 08 46.3 +0.9	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,45nm,1.1s,mb5.3,SNR=15			iP	P	21 08 46.3 +0.9	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Sankt Quirin	75.76	45	iP	P	21 08 46.3 +0.9	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,45nm,1.1s,mb5.3			iP	P	21 08 46.2 +0.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Rotzenmühle	75.83	42	eP	P	21 08 46.2 +0.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eP	P	21 08 46.2 +0.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Tannenbergha	75.84	41	eP	P	21 08 46.4 +0.7	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,65nm,1.5s,mb5.3			eP	P	21 08 46.4 +0.7	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eS	S	21 23 34.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eS	S	21 23 34.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eS	S	21 23 34.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eS	S	21 23 34.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eS	S	21 23 34.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eS	S	21 23 34.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eS	S	21 23 34.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eS	S	21 23 34.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.5s,mb5.4			eS	S	21 23 34.5	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	Novy Kostel	75.87	41	eP	P	21 08 47.0 +1.1	ARCES	ARCESS Array B	76.75	21	LR	P	21 08 46.7 -1.9	MODS			eS	SS	21 24 10.2 -3.3	
GRFO	comp=Z,77nm,1.																			

TRIS	comp=Z,8um,20.0s,MS6.1	LR	LR		
GZR	Gura Zlata 83.95	44	P	P	21 09 30.6 +0.8
OHR	Ohrid 84.14	49	eP	P	21 09 29.1 -1.7
SKO	Skopje 84.28	48	eP	P	21 09 29.3 -2.2
KRUS	Krusevo 84.36	48	eP	P	21 09 30.5 +1.5
BIA	Bitola 84.54	49	eP	P	21 09 30.9 -1.9
PMSA	Palmer Station 84.63	174	PFAKE	LR	21 09 40.0 +7.4
BURAR	Bucovina Array 84.68	41	↑P	P	21 09 35.9 +2.4
BURAR	Bucovina Array 84.68	41	↑P	P	21 09 35.8 +2.4
SMY	Shemya 84.86	324	PFAKE	LR	21 09 50.0 +1.6
SMY			LR	LR	
CRAVR	comp=Z,10um,19.0s,MS6.2				
CRAVOVA	85.03	45	P	P	21 09 38.2 +2.9
VTS	Vitosha 85.28	47	P	P	21 09 36.7 +0.2
VTS			pP	pP	21 09 39.8 -0.1
VTS			eP	eP	21 09 36.7 +0.1
VTS			pP	pP	21 09 39.8 -0.1
VOS	Vitosha 85.28	47	↑P	P	21 09 39.8 +3.2
VAY	Valandovo 85.31	48	eP	P	21 09 34.9 -1.8
VOIR			P	P	21 09 39.2 +2.0
VOIR			P	P	21 09 39.2 +2.0
KIEV	Kiev 85.43	37	eP	P	21 09 36.8 -2.2
KIEV	comp=Z,35nm,1.3s,mb5.4		ePP	PP	21 12 56.2 -1.7
KIEV			LR	LR	
KIEV	comp=Z,7um,19.0s,MS6.1				
KIEV			eP	P	21 09 36.8 -2.2
KIEV			e		21 12 56.3
KIEV	comp=Z,35nm,1.3s,mb5.4		pmax	pmax	
KIEV			MLR	MLR	
AKASG	Malin Array Be 85.81	37	P	P	21 09 37.8 -1.2
AKASG	comp=Z,4.0nm,0.8s		pmax	pmax	
AKASG			MLR	MLR	
AKASG	comp=Z,6um,18.6s				
AKASG	Malin Array Be 85.81	37	P	P	21 09 37.8 -1.2
AKASG	comp=Z,4.2nm,0.8s,mb4.7,baz=294,slow=3.7,SNR=16		LR	LR	21 49 01.6
AKBB	comp=Z,6um,18.6s,MS6.0,baz=305,slow=36				
AKBB	Malin Array Si 85.81	37	eP	PP	21 09 39.1 +0.1
MLR			P	P	21 12 56.2 -1.8
MLR	Muntele Rosu 85.98	43	P	P	21 09 40.5 +0.5
MLR	Muntele Rosu 85.98	43	↑P	P	21 09 42.6 +2.6
VRI	Vrincioia 86.33	43	↑P	P	21 09 44.8 +3.1
VRI	Vrincioia 86.33	43	↑P	P	21 09 44.8 +3.1
KIS	Kishinev 87.17	41	eP	P	21 09 48.0 +2.2
KIS			eS	SS	21 20 24.0 -1.5
KIS			eSS	SS	21 26 08.0 -0.3
KIS			eSSS	pmax	21 29 43.0
KIS	comp=Z,250nm,1.5s,mb5.2				
KIS	Kishinev 87.17	41	eP	P	21 09 48.0 +2.2
KIS	comp=Z,300nm,1.5s,mb5.3				
KIS			eS	S	21 20 24.0 -1.5
TIXI	Tiksi 87.28	352	↑P	LR	21 09 45.8 0.0
TIXI			LR	LR	
TIXI	comp=Z,14um,20.0s,MS6.4				
TIXI	Tiksi 87.28	352	eP	P	21 09 43.3 -2.5
TIXI			eS	S	21 20 11.7 -1.4
TIXI			pmax	pmax	
TIXI	comp=Z,24nm,1.2s,mb5.3		MLR	MLR	
TIXI	comp=Z,13um,20.0s,MS6.3		MLR	MLR	
TIXI	comp=N,12um,19.0s,MS6.4		MLR	MLR	
OBN	Obninsk 87.63	31	↑P	LR	21 09 49.5 +1.6
OBN			LR	LR	
OBN	comp=Z,5um,17.0s,MS6.0				
OBN	Obninsk 87.63	31	↑P	P	21 09 49.5 +1.6
OBN			i	S	21 13 11.5
OBN			iS	S	21 20 21.7 -7.9
OBN			iSS	SS	21 26 21.0 +6.4
OBN			pmax	pmax	
OBN	comp=Z,107nm,1.5s,mb5.8		MLR	MLR	
OBN	comp=Z,5um,17.0s,MS6.0				
MOS	Moscow 87.82	31	eP	P	21 09 50.7 +2.0
MOS			e		21 13 18.5
MOS			e		21 20 12.7
MOS			eS	S	21 20 34.4 +3.0
MOS			eSSS	pmax	21 29 54.6
MOS	comp=Z,77nm,1.6s,mb5.7		MLR	MLR	
PRGR	Permogore 87.83	23	eP	P	21 09 52.5 +3.8
PRGR			pmax	pmax	
TIRR	Tirgusot 88.00	43	↑P	P	21 09 52.0 +2.2
TIRR	Tirgusot 88.00	43	↑P	P	21 09 52.0 +2.2
SEY	Seymchan 88.82	339	eP	P	21 09 52.2 -1.1
VRSR	Storozhevoye 91.05	34	eP	P	21 10 05.0 +1.0
VRSR			pmax	pmax	
VRSR	comp=Z,5.0nm,1.4s,mb4.7		pmax	pmax	
VRSR	comp=N,2.0nm,1.1s		pmax	pmax	
VRSR			pmax	pmax	
SIM	Simferopol 91.39	41	P	P	21 10 11.0 +5.3
SIM			eS	S	21 20 37.0
SIM			eS	S	21 21 08.0 +2.9
SIM			eSS	MLR	21 27 19.0 +9.4
SIM	comp=Z,5um,17.5s,MS6.0				
MA2	Magadan 91.71	337	↑P	LR	21 10 05.9 -1.0
MA2			LR	LR	
MA2	comp=Z,11um,20.0s,MS6.3				
MA2	Magadan 91.71	337	c/P	P	21 10 05.9 -1.0
MA2			eS	S	21 13 46.7
MA2			eS	S	21 21 02.9 -4.5
MA2			eSS	SS	21 27 08.3 -5.0
MA2			pmax	pmax	
MA2	comp=Z,20nm,0.8s,mb5.5		MLR	MLR	
ISP	Isparta 92.32	49	P	P	21 10 11.0 +0.8
ISP	comp=Z,33um,21.4s,MS6.8				
ISP	Isparta 92.32	49	eP	PP	21 13 51.3 +0.9
ISP	comp=Z,56nm,1.6s,mb5.6		ePP	PP	21 10 11.0 +0.8
ISP			e		21 13 51.3
ISP			pmax	pmax	
VRHR	Novokhopersk 92.39	33	eP	P	21 10 08.7 -1.5
VRHR			pmax	pmax	
VRHR	comp=Z,10.0nm,0.4s,mb5.5		pmax	pmax	
VRHR	comp=N,20nm,0.5s		pmax	pmax	
VRHR	comp=E,20nm,0.6s		pmax	pmax	
PET	Petropavlovsk 92.69	33	eP	PP	21 10 08.0 -3.6
PET			ePP	PP	21 13 52.8 +0.2
PET			SP	SP	21 22 23.4 -3.4
PET			eS	LR	
ANTO	Ankara 92.97	46	eP	PP	21 10 18.7 +5.5
ANTO			ePP	PP	21 13 54.3 -1.1
ANTO			eS	LR	21 21 00.1 -1.9
ANTO	comp=Z,3um,22.0s,MS5.7				
ANTO	Ankara 92.97	46	eP	P	21 10 18.7 +5.5
ANTO			e	MLR	21 13 54.3
ANN	Anapa 93.50	40	eP	P	21 10 12.7 -2.7
ANN			ePP	pP	21 10 17.6 -1.2
ANN			ePS	PS	21 22 39.4 +1.7
ANN			pmax	pmax	
ANN	comp=Z,55nm,1.6s,mb5.7		MLR	MLR	
ANN	comp=N,3um,18.0s,MS5.9		MLR	MLR	
ANN	comp=E,3um,18.0s,MS5.9		MLR	MLR	
ANN	comp=Z,5um,18.0s,MS6.0				
BR131	Keeskin Array S 93.61	46	eP	PP	21 10 12.2 -3.9
BR131			eP	PP	21 13 53.4 -7.0
BR131			eS	SP	21 22 33.2 -4.6

BR131	comp=Z,3um,22.0s,MS5.7	LR	LR		
BRTR	Keeskin Array B 93.61	46	P	pmax	21 10 17.9 +1.8
BRTR	comp=Z,3.0nm,1.0s		MLR	MLR	
BRTR	comp=Z,2um,20.6s				
BRTR	Keeskin Array B 93.61	46	P	P	21 10 17.9 +1.8
BRTR	comp=Z,3.1nm,1.0s,mb4.7,baz=289,slow=2.3,SNR=11		LR	LR	21 45 43.6
SOC	comp=Z,2um,20.6s,MS5.6,baz=139,slow=31				
SOC	Sochi 95.54	40	ePP	P	21 10 21.6 -3.2
SOC			eP	P	21 16 26.6
SOC			eS	S	21 20 57.0 -4.2
SOC			e		21 23 02.4
SOC	comp=Z,3um,20.0s,MS5.8		MLR	MLR	
YAK	Yakutsk 95.82	347	↑P	LR	21 10 26.8 +1.1
YAK	comp=Z,9um,19.0s,MS6.3				
YAK	Yakutsk 95.82	347	eP	P	21 10 32.3 +6.6
YAK			eS	S	21 21 43.4 -0.1
YAK	comp=Z,10.0nm,1.2s,mb5.1		pmax	pmax	
YAK	comp=N,5.0nm,1.5s		pmax	pmax	
YAK	comp=E,4.0nm,1.2s		smax	smax	
YAK	comp=E,858nm,18.8s		smax	smax	
YAK	comp=N,507nm,15.5s		MLR	MLR	
YAK	comp=Z,9um,19.0s,MS6.3		MLR	MLR	
YAK	comp=N,9um,20.0s,MS6.4		MLR	MLR	
YAK	comp=E,7um,18.0s,MS6.4		MLR	MLR	
ARU	Arti 96.24	22	↑P	P	21 10 27.0 -0.7
ARU			LR	LR	
ARU	Arti 96.24	22	↑P	P	21 10 27.3 -0.4
ARU			e		21 14 20.6
ARU			eS	SKS	21 21 03.6 -0.8
ARU			ePS	PS	21 23 09.0 +1.7
ARU			pmax	pmax	
KIV	comp=Z,11nm,1.4s,mb5.1				
KIV	Kislovodsk 97.10	39	↑P	LR	21 10 33.8 +1.9
KIV	comp=Z,3um,19.0s,MS5.8				
KIV	Kislovodsk 97.10	39	↑P	P	21 10 33.7 +1.8
KIV	comp=Z,13nm,1.3s,mb5.5		MLR	MLR	
KIV	comp=Z,4um,21.0s,MS5.8				
MALT	Malatya 97.55	45	↑P	P	21 10 39.3 +5.3
MALT			↑P	P	21 11 00.0 +8.2
TSUM	Tsumeb 101.60	106	PFAKE	LR	
TSUM			LR	LR	
BOD	Bodaibo 102.38	353	eP	Pdif	21 10 55.4 +0.1
BRVK	Borovoye 102.92	19	PFAKE	LR	21 11 10.0 +1.2
BRVK					
YSS	Yuzh-Sakhalins 104.26	332	PFAKE	LR	21 11 10.0 +6.4
YSS					
ZALV	Zalesovo Beam 105.54	10	PKP	PKP	21 15 19.2 -3.4
ZALV			PP	PP	21 15 28.7 -1.5
ZALV	Zalesovo Beam 105.54	10	PKP	PKP	21 15 19.2 -3.4
ZALV	comp=Z,0.6nm,0.6s,baz=336,slow=3.2,SNR=3.1		PP	PP	21 15 28.7 -1.5
ZALV	comp=Z,0.7nm,0.6s,baz=338,slow=6.2,SNR=4.3				
HABR	Khabarovsk 106.12	338	eP	Pdif	21 11 10.4 -1.5
HABR			eS	SS	21 30 36.8 +1.7
RAO	Raoul Island 107.27	244	PFAKE	LR	21 15 40.0 +1.4
RAO					
KURK	Kurchatov 107.31	15	PFAKE	LR	21 15 40.0 +1.4
KURK					
SUR	Sutherland 107.69	119	PFAKE	LR	21 15 40.0 +1.3
SUR					
ERM	Erimo 107.83	329	PFAKE	LR	21 15 40.0 +1.3
ERM					
LBTB	Lobatse 110.25	110	PFAKE	LR	21 15 40.0 +7.8
LBTB					
LSZ	Lusaka 110.28	100	PFAKE	LR	21 15 40.0 +7.6
LSZ					
BOSA	Boshof 110.69	114	PFAKE	LR	21 15 40.0 +7.1
BOSA					
BOSA	comp=Z,13um,20.0s,MS6.5				
BOSA	Boshof 110.69	114	PP	PP	21 16 05.4 -4.4
BOSA	comp=Z,5.2nm,0.9s,baz=274,slow=1.7,SNR=5.1				
BOSA	comp=Z,1.7nm,0.7s,baz=101,slow=5.2,SNR=2.8		PKP	PKP	21 26 30.9 -0.9
MDJ	Mudanjiang 111.35	339	Pdif	PP	21 11 32.8 -2.4
MDJ			SS	SS	21 31 43.8 -1.9
MDJ			LR	LR	
MDJ	comp=N,9um,28.1s,MS6.6		LR	LR	
MDJ	comp=E,18um,26.1s,MS6.6		LR	LR	
MDJ	comp=Z,11um,18.1s				
MKAR	Makanchi Array 111.85	14	PKP	PKP	21 15 32.7 -2.0
MKAR			PP	PP	21 16 13.9 -2.3
MKAR			PKP	PKP	21 28 29.1 +0.6
MKAR	Makanchi Array 111.85	14	PKP	PKP	21 15 32.7 -2.0
MKAR			PP	PP	21 16 14.0
MKAR	comp=Z,1.0nm,1.0s		pmax	pmax	
MKAR	comp=Z,1.0nm,0.7s		pmax	pmax	
MKAR	comp=Z,1.0nm,0.9s		pmax	pmax	
MKAR	Makanchi Array 111.85	14	PKP	PKP	21 15 32.7 -2.0
MKAR	comp=Z,0.7nm,1.0s,baz=338,slow=3.4,SNR=3.4		PP	PP	21 16 13.9 -2.3
MKAR	comp=Z,0.6nm,0.7s,baz=323,slow=3.6,SNR=3.3		PKP	PKP	21 26 29.1 +0.6
MKAR	comp=Z,0.6nm,0.9s,baz=188,slow=2.2,SNR=2.6		PKP	PKP	21 15 50.0 +1.3
ULN	Ulanbatar 112.87	356	PFAKE	LR	21 15 35.6 -1.1
ULN					
SONM	Songino Array 112.94	356	PKP	PKP	21 16 21.0 -2.9
SONM			PP	PP	21 26 24.8 -0.2
SONM			PKP	PKP	21 15 35.6 -1.1



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LBTB, GOGA, PLAL, NHSC, MPU, BMN, SWET, DUG, CBKS, WVT, ISCO, ELK, YBH, KSU1, MOD, SIUC, TSUM, TZTN, WWOR, HUMO, CNNC, AHID, WCI, BW06, PDAR, HLID, BLA, COR, HDIL, BMO, SCIA, LKWW, YMR, RSSD, RLMT, CBN, ACSO, BOZ, ECSD, HAWA, MCWV, GUMO, GUM0, MSO, NLWA, LAO, AAM, SSPA, NEW, EGMT.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COCO, LSZ, DGMT, GLMI, BINY, COWI, AGMN, EYMN, HRV, NCB, DAV, LONY, ULM, LBNH, PKME, FFC, WRAK, SIT, KDAK, ADK, FCC, YKA, PMR, SCHQ, MASEY, TORD, SMY, KMBQ, MCK, EGAK, COLA, IMA2, MJAR, MAJO, MAJO, INK, TATO, ERM, TNA, QIZ, PET, PET, PALK, YSS, INCN, CM31, CHTO.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NJ2, RES, MA2, SFJD, BILL, KMI, SEY, CN2, KLR, PAB, ESDC, ESDC, ESDC, ESLS, CD2, HHC, HHC, EPF, EPF, EPF, HIA, LZH, LZH, LZH, LZH, MTF, MTF, MTF, ODAN, CLNS, CLNS, TAPN, YAK, YAK, YAK, MFF, MFF, RJJ, RJJ, RJJ, RJJ, GRR, GRR, LASF, LASF, JIRN, PKI, FLN, FLN, FLN, FLN, LBL, LBL, LBL, TCF, TCF, GUN, LDF, LDF, LDF, DMN, PYM, PRAF, PRAF, KKN, COLF, COLF, SMRF.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like Simiane la Rot, Saint-Julien, VIVF, BGF, etc.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like Champ du Feu, WLF, FELD, BEEB, etc.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like Panska Ves, Ujice, UPC, DPC, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kurchatov, Obninsk, Borovoye, Arti.

ISCJB 04 21:33:48.2, 0.8, 1948N, 003:7815W, 0.06, h10km, Error ellipse: s-maj=7.8km s-min=4.5km az=7.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Montego Bay, Las Mercedes, Bambuco Saint A, etc.

MOS 04 21:37:49.0, 1.4293N, 4515E, h64km, mb3.6/1, 2C-3D, Error ellipse: s-maj=31.6km s-min=14.6km az=27.3, Eastern Caucasus

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

SSNC 04 21:46:58.4, 1905N, 7919W, h25km, MD3.2, ML2.0

ISCJB 04 21:47:22.0, 1.5, 1938N, 003:7755W, 0.08, h9km, 9km, Error ellipse: s-maj=5.4km s-min=5.4km az=10.4

JSN 04 21:47:23.5, 1.1, 1933N, 7721W, h9km, MD3.3

ISC 04 21:47:22.2, 1.4, 1936N, 004:7778W, 0.09, h11km, 7km, n8, 0559/14, SD, Cuba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Las Mercedes, Bambuco Saint A, etc.

IDC 04 22:38:38.0, 1.3, 252N, 12814E, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.7/15, mbtmp3.9/4, MS4.7/1, Ms1 4.7/1, ms1mx3.5/29, Error ellipse: s-maj=74.4km s-min=22.8km az=77.0

ISCJB 04 22:38:41.5, 1.0, 27N, 01:1282E, 0.04, h33km, mb3.8/4, Error ellipse: s-maj=64.7km s-min=16.9km az=168.5

ISC 04 22:38:43.6, 1.1, 0.26N, 01:1283E, 0.4, h35km, n8, 09:07, mb3.8/4, Halmahera

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

ISCJB 04 22:47:12.0, 1.4, 1935N, 004:7801W, 0.08, h6km, 11km, Error ellipse: s-maj=13.4km s-min=7.0km az=13.1

JSN 04 22:47:12.9, 1.0, 1943N, 7827W, h30km, 403km, MD3.2

SSNC 04 22:47:13.2, 1914N, 7807W, h7km, MD3.0, ML2.0

ISC 04 22:47:12.5, 1.2, 1932N, 004:7803W, 0.08, h7km, 7km, n8, 0555/13, AC, Cuba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bamboo Saint A, Coleville, Las Mercedes, etc.

JMA 04 22:47:54.7, 0.5, 3122N, 14201E, h0km, M4.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mitsune, Odawara 2, Hanno, etc.

ISCJB 04 22:52:52.1, 0.3, 5592S, 007:1233W, 0.1, h10km, mb4.8/21, MS5.3/51, Error ellipse: s-maj=12.1km s-min=9.5km az=37.3

IDC 04 22:52:52.1, 0.5, 5578S, 12338W, h0km, mb4.6/11, mb1 4.7/11, mb1mx4.6/14, mbtmp4.5/11, MS5.1/5, Ms1 5.2/15, ms1mx5.0/22, Error ellipse: s-maj=24.2km s-min=17.0km az=159.0

MOS 04 22:52:54.4, 2.0, 5603S, 12359W, h10km, mb5.3/6, MS5.3/10, Error ellipse: s-maj=26.1km s-min=15.6km az=80.3

GCMT 04 22:52:54.0, 2.0, 5609S, 12341W, h15km, 1km, MW5.6/84, Moment Tensor Solution, s61,c92; s84,c148; Duration: 1:6 Moment tensor: Scale 10^17Nm; Mr=0.29; 07; Mw=2.01; 08; Mbb=1.72; 07; Mtt=0.21; 23; Mbb=2.76; 06; Mw=0.09; 22; Best double couple: M=3.33800x10^17 NP1: 197.00000, 687.00000, 1.178.00000. NP2: 287.00000, 688.00000, 1.3.00000. Principal axes: T 3.4900, P1g3.0000, Azm1325.0000; N -0.3070, P1g8.0000, Azm325.0000; P -3.1860, P1g6.0000; Azm62.0000; nstia1 refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s.

NEIC 04 22:52:54.4, 0.2, 5579S, 12345W, h10km, mb5.2/12, MS5.3/34, Error ellipse: s-maj=14.1km s-min=10.2km az=147.0

ISC 04 22:52:53.9, 0.3, 5588S, 007:1234W, 0.1, h10km, n286, 0591/47, mb4.8/21, MS5.3/51, 17C-2D, Southern East Pacific Rise

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

ATAH Athualpa 60.29 54 LR LR 23 23 10.5

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

4d 22h

Table with columns: LSA, LSA, comp-Z, 144.21, 237, PFAKE, LR, LR, 23 12 40.0 +1.1, HAU, Haudompre, 148.65, 83, ePKP, P, PKPbc, 23 12 38.9 -1.2, MK31, 1.2nm, 0.5s, baz=210, slow=30, fLg, 22 57 30.2, MKAR, Makanchi Array, 5.78, 33, Pn, Pn, 22 56 04.2 +0.5, MKAR, 0.9nm, 0.3s, baz=211, slow=16, SNR=3.0, 29, Pb, 22 56 14.9 -3.8, MKAR, 0.5nm, 0.3s, baz=212, slow=16, SNR=8.0, Lg, 22 57 29.3, MKAR, 0.8nm, 0.3s, baz=213, slow=30, SNR=4.9, Pn, 22 56 43.9 -0.1, KURK, Kurchatov, 1.6nm, 1.1s, 8.73, 4.0, fLg, Pn, 22 59 07.6, KURK, 2.8nm, 0.7s, ZALV, Zalesovo Beam, 12.84, 19, Pn, Pn, 22 57 37.3 -3.0, SONM, Songino Array, 21.04, 64, P, P, 22 59 21.3 -0.3

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Table with columns: HAU, Haudompre, 148.65, 83, ePKP, P, PKPbc, 23 12 38.9 -1.2, MK31, 1.2nm, 0.5s, baz=210, slow=30, fLg, 22 57 30.2, MKAR, Makanchi Array, 5.78, 33, Pn, Pn, 22 56 04.2 +0.5, MKAR, 0.9nm, 0.3s, baz=211, slow=16, SNR=3.0, 29, Pb, 22 56 14.9 -3.8, MKAR, 0.5nm, 0.3s, baz=212, slow=16, SNR=8.0, Lg, 22 57 29.3, MKAR, 0.8nm, 0.3s, baz=213, slow=30, SNR=4.9, Pn, 22 56 43.9 -0.1, KURK, Kurchatov, 1.6nm, 1.1s, 8.73, 4.0, fLg, Pn, 22 59 07.6, KURK, 2.8nm, 0.7s, ZALV, Zalesovo Beam, 12.84, 19, Pn, Pn, 22 57 37.3 -3.0, SONM, Songino Array, 21.04, 64, P, P, 22 59 21.3 -0.3

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Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, h, m, s, ISC, MBJ, Montego Bay, 0.98, 159f, Op, P, 22 55 39.1 +0.6, MEJ, Coleville, 1.27, 149, Op, S, 22 55 52.0 +0.8, CVJ, Bamboo Saint A, 1.31, 135, eS, Pb, 22 56 00.1 -0.6, BBJ, Bamboo Saint A, 1.31, 135, eS, Pb, 22 56 00.1 -0.6, LMGC, Las Mercedes, 1.37, 57, eP, Sg, 22 55 44.2 -2.1, LMGC, 1.6nm, 0.1s, eS, G, 22 55 59.6 -4.6, LMGC, comp=N, 752nm, 0.1s, e, MCJ, Malvern, 1.48, 159f, Op, Pn, 22 55 44.1 +0.1, MCJ, 1.48, 159f, eS, Pn, 22 56 03.8 -1.3, STJ, Stony Hill, 1.83, 132, eP, Pn, 22 55 50.5 -0.3, STJ, 1.83, 132, eS, Pn, 22 55 12.5 -1.2, PCJ, Portland Cotta, 1.87, 147f, eP, Pn, 22 55 52.9 +1.5, PCJ, 1.87, 147f, eS, Pn, 22 55 15.2 +0.4, CCCC, Cccc, 1.92, 13, Op, S, 22 56 53.0 +1.0, CCCC, 1.92, 13, eS, Pn, 22 56 16.6 +0.7, CCCC, comp=N, 1.5nm, 0.3s, e, RCC, Rio Carpintero, 2.48, 74, eP, G, 22 56 13.6 +6.1, RCC, 2.48, 74, eS, Sg, 22 56 41.8 +2.1, RCC, comp=N, 153nm, 0.3s, e, GTMO, Guantanamo, 3.01, 75, eP, Pn, 22 56 06.3 -0.7, GTMO, 3.01, 75, eS, Pn, 22 56 39.6 -3.3, MGTV, Manicaragua, 3.22, 330, Op, S, 22 56 42.3 -5.8, MGTV, 3.22, 330, eS, Pn, 22 56 42.3 -5.8, MGTV, comp=N, 26nm, 0.2s, e, MASCC, Masc, 3.86, 77, eP, S, 22 56 21.7 +2.9, MASCC, 3.86, 77, eS, Pn, 22 57 05.2 +1.3, MASCC, comp=N, 3.7nm, 0.4s, e, MASCC, comp=E, 3.4nm, 0.3s, e, BUJ, 04 22:58:53.5, 4760N:15353E, h60km, mb5.2, mb4.6, Ms4.9, Ms2.7, SZGRF, 04 22:58:54.7, 4755N:15449E, h33km, m5.5, 2.2, Kuril Islands, Russia, ISCJB, 04 22:58:55.9, 0.1, 4730N:003.15314E, h63km, mb4.9/76, Error ellipse: s-maj=5.0km az=165.0, s-min=1.9km az=158.9, SKHL, 04 22:58:56.6, 0.5, 4713N:15362E, h68km, 11km, mb5.3/3, Ms4.0/1, NEIC, 04 22:58:57.8, 0.3, 4735N:15301E, h60km, 2km, mb4.9/76, Error ellipse: s-maj=5.7km s-min=3.3km az=88.9, IDC, 04 22:58:57.4, 0.5, 4740N:15302E, h63km, 3km, mb4.1/27, mb1.4/2/28, mb1mx4.2/31, mb1mx4.1/28, MS3.8/1, Ms1.3/8.1, ms1mx3.0/35, Error ellipse: s-maj=15.2km s-min=9.2km az=156.0, ISC, 04 22:58:58.4, 0.1, 4740N:003.15305E, h61km, h61km, 8km:pp-P, 632, 0:82/637, mb4.7/121, 166C-112D, Kuril Islands, Code, Station Name, A°, AZ°, Phase ID, Time, Res, h, m, s, ISC, SKR, Severo-Kuril's, 3.86, 30, eP, S, 22 59 53.6 -1.5, SKR, 3.86, 30, eS, Pn, 22 59 36.5 -2.6, SKR, comp=N, 200nm, 0.5s, pmax, pmax, SKR, comp=N, 200nm, 0.3s, pmax, pmax, SKR, comp=E, 120nm, 0.3s, smax, SKR, comp=E, 1.1m, 0.5s, smax, SKR, comp=N, 720nm, 0.3s, smax, SKR, Severo-Kuril's, 3.86, 30, eP, Pn, 22 59 53.6 -1.5, SKR, 3.86, 30, eP, AMB, 22 59 57.5, SKR, comp=N, 120nm, 0.5s, eS, AMB, 22 59 57.5, SKR, comp=N, 200nm, 0.5s, eS, AMB, 22 59 57.5, SKR, comp=N, 720nm, 0.5s, A, 23 00 45.0, SKR, comp=N, 1.1m, 0.5s, A, 23 00 45.0, KUR, Kuril'sk, 4.20, 241, eP, Pn, 23 00 02.5 +2.8, KUR, 4.20, 241, eS, S, 23 00 51.5 +4.1, KUR, comp=N, 150nm, 0.6s, pmax, pmax, KUR, comp=E, 120nm, 0.6s, pmax, pmax, KUR, comp=N, 610nm, 0.6s, smax, KUR, comp=N, 470nm, 0.6s, smax, KUR, comp=N, 680nm, 0.6s, smax, KUR, Kuril'sk, 4.20, 241, eP, Pn, 23 00 02.5 +2.8, KUR, 4.20, 241, eP, AMB, 23 00 03.5, KUR, comp=E, 150nm, 0.6s, AMB, AMB, 23 00 03.5, KUR, comp=E, 120nm, 0.6s, AMB, AMB, 23 00 03.5, KUR, comp=E, 610nm, 0.6s, iS, A, 23 00 51.5 +4.1, KUR, comp=E, 470nm, 0.6s, A, 23 01 16.2, YUK, Yuzh-Kuril'sk, 6.05, 239, eP, Pn, 23 00 26.4 +1.2, NEM2, Nemuro 2, 6.05, 239, P, Pn, 23 00 30.7 -1.1, NEM2, 6.05, 239, eS, S, 23 01 42.4 -2.5, PET, Petropavlovsk, 6.68, 30, eP, S, 23 01 35.4 +1.7, PET, 6.68, 30, eS, Pn, 23 01 41.5 -6.8, PET, Petropavlovsk, 6.68, 30, eP, Pn, 23 00 36.3 +2.6, PET, 6.68, 30, eP, Pn, 23 00 34.9 +1.2, JNK, Nakash, 6.99, 240, eS, Pn, 23 00 39.2 +1.2, JNK, 6.99, 240, eS, Pn, 23 01 59.5 +3.7, YSS, Yuzh-Sakhalins, 7.03, 270, eP, Pn, 23 00 43.2 +4.6, YSS, 7.03, 270, iP, Pn, 23 00 43.0 +4.9, YSS, 7.03, 270, eS, Pn, 23 00 43.0 +4.9, YSS, comp=N, 220nm, 0.9s, smax, YSS, comp=E, 90nm, 1.0s, MLR, MLR, YSS, comp=E, 700nm, 15.0s, MLR, MLR, YSS, comp=N, 900nm, 15.0s, YSS, Yuzh-Sakhalins, 7.03, 270, iP, Pn, 23 00 43.0 +4.4, YSS, 7.03, 270, eS, AMB, 23 00 44.2, YSS, comp=N, 220nm, 0.9s, eS, A, 23 02 03.0 +5.9, YSS, 7.03, 270, eS, Pn, 23 02 07.5, comp=N, 290nm, 1.0s



4d 22h

Table with columns for station name, frequency, power, and signal quality. Includes stations like Newport, Hall Mountain, Jones Farm, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like Soldier Meadow, Buffalo Meadow, Rome, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like Goldfield, Vestal, Richgr, Dagmar, etc.



Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NGZ, WPVZ, TUUV, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LMGC, BBG, CVJ, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ITM, RLS, KNT, etc.

Technical notes and coordinates: IDC 04 23:59:43.1±0.8, 3869N:2522E, h0km, mb3.8/11, ...

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

NEIC 04 23:22:04.0±1.1, 1927N:7821W, h10km, Error ellipse: s-maj=38.2km s-min=12.2km az=182.0

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

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

ISCJ 04 23:22:06.2±0.7, 1935N:003.7814W, 0.05, h37km, 13km, mb3.2/8, Error ellipse: s-maj=8.0km s-min=5.1km az=3.1

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

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

SSNC 04 23:22:06.4, 1929N:7825W, h25km, MD3.8, ML4.3

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

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

ISN 04 23:22:07.9±0.7, 1932N:7800W, h13km, 3km, MD4.5

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

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

IDC 04 23:22:13.6±1.9, 2039N:7907W, h0km, mb3.3/4, mb1.3/8.5, mb1mx3.6/7, mbmp3.5/5, ML4.4/2, Error ellipse: s-maj=56.1km s-min=23.5km az=174.0

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

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

ISC 04 23:22:06.0±1.3, 1935N:003.7813W, 0.04, h26km, 12km, n26, r122/39, mb3.2/3, 5C-1D, Cuba region

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

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

ISCJ 04 23:57:08.3±1.5, 1936N:003.7796W, 0.07, h3km, 9km, Error ellipse: s-maj=12.0km s-min=5.1km az=8.5

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

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

ISN 04 23:57:09.5, 1925N:7808W, h7km, MD3.2, ML2.2

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

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

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

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

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





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

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

NEIC 05 03:05:08.4, 1979N-6898W, h25km, MD3.7(RSPR), After RSPR.

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

ISC/JB 05 03:06:34.7z 1.9, 1938N-006z78.1W, 0.1h, 9km, Error ellipse: s-maj=18.8km s-min=4.9km az=21.9

SSNC 05 03:06:36.6, 2091N-78.10W, h20km, MD3.0, ML3.5

JSN 05 03:06:36.2z 1.1, 1936N-78.19W, h9km, 7km, MD4.2

ISC 05 03:06:36.2z 1.9, 1935N-006z78.0W, 0.2h, 9km, 9km, n13, az=75.2, 8D, Cuba region

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

NEIC 05 03:11:51.8, 2702S-2680E, h2km, mb4.5/4, ML4.2(PRE), After PRE.

ISC/JB 05 03:11:52.1z 0.3, 2701S-003z267.1E, 0.04h, 10km, mb4.1/16, Error ellipse: s-maj=5.0km s-min=3.4km

PRE 05 03:11:52.1z 1.2, 2699S-2678E, h2km, ML4.4

IDC 05 03:11:52.0z 0.8, 2699S-2659E, h0km, mb4.1/8, mb1.4/12, mb1mx4.1/23, mbtmp4.3/12, ML4.5, Error ellipse: s-maj=18.8km s-min=10.6km az=104.0

ISC 05 03:11:52.4z 1.0, 2700S-003z267.5E, 0.04h, 11km, 6km, n60, az=90.7/73, mb4.3/16, South Africa

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

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

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

NEIC 05 03:17:01.4-0.3, 1983S-6864W, h35km, mb4.7/11, Error ellipse: s-maj=13.2km s-min=7.6km az=69.0

BUI 05 03:17:01.3, 1980S-6860W, h35km, mb4.9, Ms5.2, Msz4.9

ISC/JB 05 03:17:08.1z 0.4, 2007S-006z688.6W, 0.07h, 108km, mb4.4/22, Error ellipse: s-maj=9.9km s-min=8.3km az=0.7

IDC 05 03:17:09.8z 0.6, 1995S-6896W, h10km, 3km, mb4.0/11, mb1.4/12, mb1mx4.1/19, mbtmp4.1/14, Error ellipse: s-maj=17.3km s-min=12.4km az=76.0

ISC 05 03:17:10.0z 0.4, 2005S-006z687.9W, 0.07h, 110km, n110km, 1.1km, pP-P, n304, az=62/289, mb4.4/22, 93C-96D, Chile-Bolivia border region

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

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

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

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

NEIC 05 03:17:10.0z 0.4, 2005S-006z687.9W, 0.07h, 110km, n110km, 1.1km, pP-P, n304, az=62/289, mb4.4/22, 93C-96D, Chile-Bolivia border region

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

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SMMC Simmler, TIN Tinemaha, RCTO Rector, Farmer, etc.

2007 FEB

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ELFS Eagle Lake Fire, O04C Chester, L07A Adell, etc.

5d 3h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like D06A Cle Elum, A09A Danville, A08A Turner Farm, etc.

IDC 05 03:26:59.3; 2.4, 064N-9695E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.4/21, mbtomp3.4/4, Error ellipse: s-maj=58.2km s-min=31.8km az=59.0, Off west coast of northern Sumatra

CASC 05 03:38:13.9; 1.6, 1190N-8798W, h34km; 24km, MD3.6, ML2.1, 1C-2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PSI Prapat, WRA Warramunga Arr, SONM Songino Array, etc.



ISCJB 05:05:04:54.3:1.0, 160S:0.3:1775W:0.2, h420km, 16km, mb3.8/7, Error ellipse: s-maj=54.3km s-min=12.3km az=147.1  
 NEIC 05:05:04:54.7:1.1, 1608S:17736W, h415km, 15km, mb4.3/3, Error ellipse: s-maj=43.7km s-min=10.5km az=148.0  
 IDC 05:05:04:54.7:2.3, 1570S:17764W, h405km, 31km, mb3.3/5, Mb1 3.6/7, mb1mx3.4/14, mbtmp3.3/7, Error ellipse: s-maj=93.4km s-min=14.8km az=152.0  
 ISC 05:05:04:54.9:1.0, 161S:03:1774W:0.2, h414km, 17km, n22, «093/15, mb3.8/7, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
AFI	Afiamalua	5.83	69	eP	P					05 06 24.9	-1.3
AFI	Afiamalua	5.83	69	eP	S					05 06 26.3	+0.1
AFI	Charters Tower	34.78	258	eP	S					05 07 04.0	-0.1
DZM	Mont Dzumac	16.41	246	P	S					05 08 23.4	+1.4
CTAO	Tasmania Unive	40.25	221	P	P					05 11 53.5	-0.2
STKA	Stephens Creek	40.38	240	P	P					05 11 54.9	-0.1
STKA	Stephens Creek	40.38	240	P	P					05 11 54.9	-0.1
HON	Honolulu	41.76	28	P	P					05 12 07.2	+1.2
WB2	Warramunga Arr	45.95	258	eP	P					05 12 38.2	-0.9
WRA	Warramunga Arr	45.95	258	eP	P					05 12 38.1	-1.0
NVAR	Mina Array Bea	77.43	44	P	P					05 16 06.3	+0.4
TXAR	Lajitas Array	84.19	57	P	P					05 16 43.1	+1.7
DAWY	Dawson	85.08	16	eP	P					05 16 44.1	-0.9
YKA	Yellowknife Arr	92.27	24	P	P					05 17 17.6	-1.2

MDD 05:05:10:11.4:1.8, 3688N:1071W, h16km, 70km, mb3.5/5, Error ellipse: s-maj=79.5km s-min=11.6km az=53.0, PFXIMO

INMG 05:05:10:12.2:0.9, 3689N:1065W, h10km, ML1.7, 2C, Error ellipse: s-maj=6.0km s-min=3.4km az=76.0, Azores-Cape St. Vincent Ridge

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
PFVI	Vila Bisbo	1.48	80	oP	Pn					05 10 36.8	-2.0
PFVI	Vila Bisbo	1.48	80	oP	S					05 10 55.3	-2.9
PFVI	Vila Bisbo	1.48	80	oP	Pn					05 10 36.8	-2.0
MORF	Marlete	1.65	75	ePn	Pn					05 10 39.3	-1.9
MORF	Marlete	1.65	75	ePn	S					05 11 00.3	-2.7
MORF	Marlete	1.65	75	ePn	Pn					05 10 39.3	-1.9
MORF	Marlete	1.65	75	ePn	S					05 10 59.7	-2.7
PTEO	Sao Teotonio	1.67	66	ePn	Pn					05 10 39.7	-1.8
PTEO	Sao Teotonio	1.67	66	ePn	S					05 11 00.5	-2.4
PTEO	Sao Teotonio	1.67	66	ePn	Pn					05 10 39.7	-1.8
PTEO	Sao Teotonio	1.67	66	ePn	S					05 11 00.5	-2.4
PBDV	Barranco-do-Ve	2.20	80	ePn	Pn					05 10 47.1	-1.7
PBDV	Barranco-do-Ve	2.20	80	ePn	S					05 11 13.3	-2.7
PBDV	Barranco-do-Ve	2.20	80	ePn	Pn					05 10 47.1	-1.7
PBDV	Barranco-do-Ve	2.20	80	ePn	S					05 11 13.3	-2.7
PMAFR	Mafr	2.33	27	ePn	Pn					05 10 48.0	-2.5
PMAFR	Mafr	2.33	27	ePn	S					05 11 16.1	-3.1
PMAFR	Mafr	2.33	27	ePn	Pn					05 10 48.0	-2.5
PMAFR	Mafr	2.33	27	ePn	S					05 11 16.1	-3.1
PVAQ	Vaqueiros	2.40	77	ePn	Pn					05 10 49.8	-1.7
PVAQ	Vaqueiros	2.40	77	ePn	S					05 11 17.9	-2.9
PVAQ	Vaqueiros	2.40	77	ePn	Pn					05 10 49.8	-1.7
PVAQ	Vaqueiros	2.40	77	ePn	S					05 11 17.9	-2.9
MOE	Montemor	2.44	47	eSn	Pn					05 11 18.9	-3.1
MOE	Montemor	2.44	47	eSn	S					05 11 18.9	-3.1
PBEJ	Beja	2.48	62	eSn	Pn					05 11 19.8	-3.3
PBEJ	Beja	2.48	62	eSn	S					05 11 19.8	-3.3
EGRO	Ei Granado	2.60	75	P	Pn					05 10 52.5	-1.9
EGRO	Ei Granado	2.60	75	P	S					05 11 23.0	-3.0
PESTR	Estremoz	3.12	50	eSn	Pn					05 11 35.3	-3.5
PESTR	Estremoz	3.12	50	eSn	S					05 11 37.8	-4.1
PTOM	Tomar	3.24	32	eSn	Pn					05 11 38.9	-2.9
PTOM	Tomar	3.24	32	eSn	S					05 11 40.4	-3.7
PTOM	Tomar	3.24	32	eSn	Pn					05 11 38.9	-2.9
PTOM	Tomar	3.24	32	eSn	S					05 11 40.4	-3.7
EMIN	Mina Concepcio	3.29	73	P	Pn					05 11 01.6	-2.1
EMIN	Mina Concepcio	3.29	73	P	S					05 11 39.2	-3.6
EBAD	Badajoz	3.43	56	P	Pn					05 11 04.1	-1.6
EBAD	Badajoz	3.43	56	P	S					05 11 42.1	-4.2
ESPR	Espera	3.84	89	P	Pn					05 11 09.5	-1.8
ESPR	Espera	3.84	89	P	S					05 11 52.8	-3.6
PCBR	Castelo Branco	3.86	39	eSn	Pn					05 11 52.5	-4.4
PCBR	Castelo Branco	3.86	39	eSn	S					05 11 53.7	-5.1
PCBR	Castelo Branco	3.86	39	eSn	Pn					05 11 52.5	-4.4
PCBR	Castelo Branco	3.86	39	eSn	S					05 11 53.7	-5.1
MTE	Manteigas	4.26	34	eSn	Pn					05 12 02.8	-4.1
MTE	Manteigas	4.26	34	eSn	S					05 12 07.7	-4.8
MTE	Manteigas	4.26	34	eSn	Pn					05 12 02.8	-4.1
MTE	Manteigas	4.26	34	eSn	S					05 12 07.7	-4.8
PVIS	Viseu	4.38	29	ePn	Pn					05 11 16.8	-2.0
PVIS	Viseu	4.38	29	ePn	S					05 12 04.8	-5.1
PVIS	Viseu	4.38	29	ePn	Pn					05 11 16.8	-2.0
PVIS	Viseu	4.38	29	ePn	S					05 12 04.8	-5.1
MVO	Moncorvo	5.11	32	eSn	Pn					05 12 22.1	-5.8
MVO	Moncorvo	5.11	32	eSn	S					05 12 24.8	-6.5
MVO	Moncorvo	5.11	32	eSn	Pn					05 12 22.1	-5.8
MVO	Moncorvo	5.11	32	eSn	S					05 12 24.8	-6.5
ELOB	Lobios	5.36	21	P	Pn					05 11 29.2	-2.9
ELOB	Lobios	5.36	21	P	S					05 12 28.1	-5.9

ISCJB 05:05:18:29.3:1.1, 2955N:007:1412E:02, h35km, 12km,

mb3.6/10, Error ellipse: s-maj=24.4km s-min=8.7km az=162.1  
 NEIC 05:05:18:30.6:0.5, 2948N:141 32E, h35km, Error ellipse: s-maj=14.9km s-min=10.1km az=74.0  
 IDC 05:05:18:33.0:0.6, 2942N:141 28E, h58km, 6km, mb3.4/10, Mb1 3.7/12, mb1mx3.5/21, mbtmp3.4/12, MS3.0/2, Ms1 3.0/2, ms1mx2.5/17, Error ellipse: s-maj=24.7km s-min=8.1km az=72.0  
 ISC 05:05:18:31.6:0.9, 2952N:007:1413E:02, h41km, 10km, h58km, 8km, pp-P, n18, «093/19, mb3.6/10, Southeast of Honshu

Code	Station Name	Δ°	AZ°	Op	Phase ID	ISC	h	m	s	ISC	Time	Res
CBJI	Chichi jima	2.54	162	P	ISC						05 19 10.9	+0.6
CBJI	Chichi jima	2.54	162	P	Sn						05 19 39.6	-0.3
CBJI	Chichi jima	2.54	162	P	ISC						05 19 10.9	+0.6
CBJI	Chichi jima	2.54	162	P	Sn						05 19 39.6	-0.3
MJAR	Matsushiro Arr	7.47	340	P	Pn					05 20 18.6	+0.8	
MJAR	Matsushiro Arr	7.47	340	P	Pn					05 21 59.3	-0.4	
MAJO	Matsushiro	7.47	340	Pn	Pn					05 20 17.3	-0.6	
ERM	Ermo	12.56	6	P	Pn					05 21 27.1	-0.4	
SOMR	Songino Array	32.45	314	P	P					05 24 58.2	+0.4	
WAKA	Wakana Array	48.35	308	P	P					05 27 08.7	-0.4	
MKAR	Makanchi Array	48.35	308	P	P					05 27 08.7	-0.4	
WAKA	Wakana Array	48.35	308	P	P					05 27 08.7	-0.4	
WAKA	Wakana Array	48.35	308	P	P					05 27 08.7	-0.4	
AKTO	Aktuyubinsk	63.76	315	P	P					05 28 59.0	-0.2	
AKTO	Aktuyubinsk	63.76	315	P	P					05 28 59.0	-0.2	
YKA	Yellowknife Arr	70.39	29	P	P					05 29 40.0	-1.0	
FINES	FINESS Array B	75.44	333	P	P					05 30 10.7	-0.2	
FINES	FINESS Array B	75.44	333	P	pP					05 30 26.1	+3.1	
NVAR	Mina Array Bea	79.64	52	P	P					05 30 35.3	+0.5	
NVAR	Mina Array Bea	79.64	52	P	pP					05 30 51.9	+4.8	
PDAR	Pinedale Array	83.04	44	P	P					05 30 53.0	+0.2	
PDAR	Pinedale Array	83.04	44	P	pP					05 31 09.6	+4.5	
BRTR	Barrington Array B	83.79	312	P	P					05 30 57.5	+0.8	
BRTR	Barrington Array B	83.79	312	P	pP					05 30 57.5	+0.8	
BRTR	Barrington Array B	83.79	312	P	P					05 30 57.5	+0.8	
BRTR	Barrington Array B	83.79	312	P	pP					05 30 57.5	+0.8	
TXAR	Lajitas Array	94.77	53	P	P					05 31 13.6	+4.6	
TXAR	Lajitas Array	94.77	53	P	pP					05 31 49.5	+0.4	
TXAR	Lajitas Array	94.77	53	P	P					05 31 49.5	+0.4	
TXAR	Lajitas Array	94.77	53	P	pP					05 32 06.1	+4.5	

IDC 05:05:25:31.8:2.9, 4580N:15258E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/21, mbtmp3.6/4, Error ellipse: s-maj=88.3km s-min=47.1km az=11.0  
 MOS 05:05:25:48.7:0.4, 4697N:15281E, h102km, mb3.9/2, Error ellipse: s-maj=99.9km s-min=34.8km az=74.6  
 ISC 05:05:25:39.4:2.1, 4622N:03:1527E:04, h35km, n9, «095/48, mb3.5/4, Kuril Islands

Code	Station Name	Δ°	AZ°
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A08A	Turner Farm, O	52.84	56	P	P	06 52 13.1	-0.1
F04A	Amboy	52.84	60	↑P	P	06 52 13.2	-0.1
E05A	Randle	52.85	59	↑P	P	06 52 13.2	-0.2
D06A	Cle Elum	53.00	58	↑P	P	06 52 14.1	-0.3
H03A	Soap Creek Ran	53.08	62	↑P	P	06 52 15.5	+0.5
NANT	Nan	53.12	255	↑P	P	06 52 16.0	+0.4
C07A	Waterville	53.14	57	↑P	P	06 52 15.3	-0.2
B08A	Colville Reser	53.15	56	P	P	06 52 15.2	-0.3
I02A	Mapleton	53.17	63	↑P	P	06 52 16.2	+0.5
A09A	Danville	53.20	55	P	P	06 52 16.1	+0.3
E06A	Yakima	53.30	59	↑P	P	06 52 16.8	+0.1
F05A	White Salmon	53.42	60	↑P	P	06 52 17.7	+0.1
EDM	Edmonton	53.42	48	eP	P	06 52 17.1	-0.3
D07A	Quincy	53.48	58	↑P	P	06 52 17.8	-0.2
I03A	Eugene	53.51	63	↑P	P	06 52 18.1	-0.1
C08A	Higginbotham F	53.64	57	P	P	06 52 18.4	-0.8
J02A	Umpqua	53.69	63	↑P	P	06 52 19.7	+0.1
H04A	Detroit Lake	53.71	61	↑P	P	06 52 18.9	-0.8
A10A	Northport	53.74	55	P	P	06 52 19.6	-0.2
B09A	Rice	53.75	56	P	P	06 52 20.0	0.0
F06A	Goldendale	53.87	59	↑P	P	06 52 21.3	+0.5
G05A	Wamic	53.88	60	↑P	P	06 52 21.0	+0.2
E07A	Sunnyside	53.92	58	↑P	P	06 52 21.0	-0.2
J03A	Keydyl Park	54.05	63	↑P	P	06 52 21.7	-0.4
AAK	Ala-Archa	54.09	296	eP	P	06 52 22.1	-0.4
AAK	Ala-Archa	54.09	296	↑P	P	06 52 22.5	0.0
AAK	comp=Z,5.0nm,0.8s,mb4.6				MLR	MLR	
AAK	comp=Z,11nm,17.0s,MS5.0						
K02A	Glendale	54.10	64	↑P	P	06 52 23.1	+0.5
I04A	Tendick Farm,	54.11	62	↑P	P	06 52 21.6	-1.1
D08A	Wollman Farm,	54.14	57	↑P	P	06 52 22.0	-0.8
ARU	Arti	54.16	317	P	P	06 52 22.7	-0.1
ARU	Arti	54.16	317	eP	P	06 52 21.9	-0.9
ARU	Arti	54.16	317	↑P	P	06 52 21.5	-1.3
ARU					e	06 53 20.9	
ARU					ePPP	06 54 21.4	
ARU					eS	06 55 32.7	
ARU					eSS	07 03 34.4	-5.3
ARU					eSSS	07 05 42.0	
ARU	comp=Z,15nm,1.0s,mb4.9				MLR	MLR	
ARU	comp=Z,500nm,20.0s,MS4.6				MLR	MLR	
ARU	comp=N,300nm,21.0s,MS4.5				MLR	MLR	
ARU	comp=E,300nm,21.0s,MS4.5				MLR	MLR	
CHG	Chiang Mai	54.22	257	↑P	P	06 52 24.8	+1.1
CHT0	Chiang Mai	54.22	257	eP	P	06 52 24.8	+1.1
CHT0	Chiang Mai	54.22	257	P	P	06 52 24.9	+1.2
CHT0					MLR	MLR	
F07A	Phinny Hill Vi	54.29	59	P	P	06 52 24.1	+0.4
H05A	Madras	54.28	61	↑P	P	06 52 24.0	+0.2
M01C	Crescent City	54.28	65	↑P	P	06 52 25.4	+1.5
B10A	Chitwood Farm,	54.32	55	↑P	P	06 52 22.9	-1.2
UCH	Uchtor	54.33	295	eP	P	06 52 16.7	-7.5
A11A	Hall Mountain	54.39	54	P	P	06 52 24.9	+0.4
E08A	Dider Farm, El	54.40	58	↑P	P	06 52 24.5	-0.2
NEW	Newport	54.40	55	eP	P	06 52 24.4	-0.3
L02A	Cave Junction	54.41	65	↑P	P	06 52 24.7	-0.1
D09A	Jones Farm, Ri	54.47	57	↑P	P	06 52 24.4	-0.8
CM31	Chiang Mai Arr	54.49	256	eP	P	06 52 27.3	+1.6
EKS2	Erkin-Say	54.49	296	P	P	06 52 24.7	-0.7
HUMO	Hull Mountain	54.51	64	↑P	P	06 52 26.7	+1.1
I05A	Bend	54.55	61	↑P	P	06 52 26.0	+0.2
C10A	Spilker Farm,	54.57	56	↑P	P	06 52 25.7	-0.2
J04A	Umpqua Nationa	54.62	63	P	P	06 52 27.4	+1.1
B11A	Sandpoint	54.70	55	↑P	P	06 52 27.2	+0.4
H06A	Lindquist Farm	54.74	60	↑P	P	06 52 27.6	+0.5
A12A	Yaak River Ran	54.78	54	↑P	P	06 52 27.5	+0.1
G07A	Ruggs Ranch, H	54.80	59	↑P	P	06 52 26.8	-0.8
E09A	Wood Farm, Sta	54.89	57	P	P	06 52 27.8	-0.5
F08A	Pendleton	54.98	58	↑P	P	06 52 28.4	-0.5
D10A	Wagner Farm, O	55.04	56	↑P	P	06 52 28.8	-0.5
J05A	Fort Rock	55.10	62	P	P	06 52 30.9	+1.0
G08A	Pilot Rock	55.18	59	↑P	P	06 52 30.2	-0.2
YBH	Yreka Blue Hor	55.19	64	eP	P	06 52 31.2	+0.7
YBH	Yreka Blue Hor	55.19	64	eP	P	06 52 31.2	+0.7
YBH	comp=Z,18nm,1.3s				MLR	MLR	
YBH	Yreka Blue Hor	55.19	64	P	P	06 52 31.4	+0.9
I06A	Prineville	55.29	61	↑P	P	06 52 31.3	+0.2
M02C	Callahan	55.32	65	↑P	P	06 52 32.3	+0.9
L04A	Klamath Falls	55.40	64	↑P	P	06 52 32.2	+0.2
KEV	Kevo	55.42	341	eP	P	06 52 29.7	-2.0
A13A	Flathead Natio	55.44	53	↑P	P	06 52 31.9	-0.2
E10A	Myers Farm, Un	55.48	57	↑P	P	06 52 31.7	-0.8
TAPN	Taplejuig	55.51	273	eP	P	06 52 33.4	+0.4
F09A	S2 Ranch, Elgi	55.51	58	↑P	P	06 52 32.5	-0.2
O01C	Eel River Cons	55.51	67	↑P	P	06 52 34.7	+1.8
D11A	Klavano Farm,	55.56	56	P	P	06 52 32.4	-0.7
I07A	Ize	55.61	60	↑P	P	06 52 33.3	-0.1
WALA	Waterton Lakes	55.62	53	eP	P	06 52 32.9	-0.6
K05A	Summer Lake	55.64	63	P	P	06 52 34.9	+1.2
M04C	Macdoel	55.67	64	P	P	06 52 34.6	+0.6

F10A	Beach Ranch, E	55.73	57	↑P	P	06 52 32.8	-1.4
B13A	Whitefish	55.75	54	P	P	06 52 34.5	+0.2
J06A	Chimbas Vail	55.75	62	P	P	06 52 35.0	+0.6
H08A	Prairie City	55.81	60	↑P	P	06 52 35.7	+0.8
M03C	McCloud	55.82	65	↑P	P	06 52 35.9	+0.9
ARCES	ARCES ARCESS Array B	55.92	341	P	P	06 52 33.3	-2.0
ARCES	comp=Z,1.3nm,0.4s,mb4.3,baz=40,slow=7.7,SNR=28				LR	LR	07 19 54.9
K06A	Valley Falls	55.97	62	P	P	06 52 37.0	+0.9
WDC	Whiskeytown Da	56.01	65	eP	P	06 52 36.9	+0.5
PRGR	Rasmogore	56.03	327	eP	P	06 52 35.2	-1.0
ODAN	Odare	56.05	273	eP	P	06 52 35.8	-1.0
E11A	Bogner Ranch,	56.05	57	P	P	06 52 36.2	-0.4
L05A	Lakeview	56.10	63	P	P	06 52 37.9	+0.9
O02C	Red Bluff	56.11	66	↑P	P	06 52 37.7	+0.6
C13A	Hot Springs	56.12	54	P	P	06 52 37.1	+0.1
J07A	Hines	56.16	61	↑P	P	06 52 37.6	+0.2
P01C	Double 8 Ranch	56.22	67	↑P	P	06 52 37.9	0.0
H08A	Drewsey	56.25	60	P	P	06 52 38.6	+0.6
J09A	Durkee	56.29	59	↑P	P	06 52 38.2	-0.2
J19N	Jiri	56.29	274	eP	P	06 52 39.3	+0.7
GUN	Gumba	56.32	275	eP	P	06 52 39.3	+0.5
M05C	Lookout	56.34	64	↑P	P	06 52 39.2	+0.5
F11A	Grangeville	56.37	57	↑P	P	06 52 38.4	-0.5
GASB	Ald Springs	56.48	66	↑P	P	06 52 40.0	+0.3
HATC	Hat Creek Radi	56.50	65	↑P	P	06 52 40.1	+0.2
MOD	Modoc	56.50	63	P	P	06 52 40.1	+0.3
C14A	Swan Lake	56.50	54	↑P	P	06 52 39.6	-0.2
D13A	Huson	56.54	55	↑P	P	06 52 39.2	-0.8
G11A	Walters Elk Ra	56.61	58	↑P	P	06 52 40.7	+0.1
K07A	Rock Creek Ran	56.62	62	P	P	06 52 41.7	+1.0
J08A	Circle Bar Ran	56.64	61	P	P	06 52 41.8	+0.9
I09A	Lost Marbles R	56.68	60	P	P	06 52 41.6	+0.5
HOPS	Hopland	56.68	67	↑P	P	06 52 40.6	-0.6
KKK	Kakani	56.80	275	eP	P	06 52 42.9	+0.7
M06C	Likely Place G	56.83	64	↑P	P	06 52 42.8	+0.5
H10A	Noah's Angus R	56.85	59	↑P	P	06 52 42.5	+0.1
PKI	Pulchoki	56.86	275	eP	P	06 52 43.3	+0.7
L07A	Adell	56.96	62	↑P	P	06 52 44.1	+0.8
K08A	Mann Creek Ra	57.03	61	P	P	06 52 44.3	+0.7
DMN	Damas	57.03	275	eP	P	06 52 44.5	+0.7
O04C	Chester	57.03	65	P	P	06 52 44.5	+0.9
ELFS	Eagle Lake Fie	57.05	64	P	P	06 52 44.4	+0.6
D14A	Greenough	57.06	55	P	P	06 52 43.7	-0.1
J09A	Fry Pan Ranch,	57.06	60	P	P	06 52 44.6	+0.8
GKN	Gorkha	57.07	276	eP	P	06 52 44.5	+0.4
E13A	Victor	57.09	55	↑P	P	06 52 44.3	+0.3
WVOR	Wild Horse Val	57.13	62	eP	P	06 52 44.6	+0.2
WVOR	Wild Horse Val	57.13	62	eP	P	06 52 44.6	+0.3
WVOR	comp=Z,10nm,1.0s,mb4.8				MLR	MLR	
I10A	Payette	57.13	59	↑P	P	06 52 45.0	+0.7
MNRC	McLaughlin Nat	57.13	67	↑P	P	06 52 45.0	+0.6
H11A	Donnelly	57.19	58	P	P	06 52 44.8	+0.1
ORV	Oroville	57.27	66	P	P	06 52 44.7	-0.7
CHMT	Chamberlain Mo	57.30	55	eP	P	06 52 45.4	-0.1
SUTB	Sutter Butte	57.31	66	↑P	P	06 52 45.7	+0.1
O05C	Quincy	57.36	65	↑P	P	06 52 45.8	-0.2
OHCM	Honecut	57.42	66	eP	P	06 52 46.8	+0.3
F13A	Darby	57.43	56	↑P	P	06 52 45.9	-0.4
L08A	Fields	57.45	62	P	P	06 52 47.0	+0.4
M07A	Soldier Meadow	57.48	63	P	P	06 52 47.8	+1.0
E14A	Clinton	57.48	55	P	P	06 52 46.8	+0.1
K09A	Rome	57.48	61	↑P	P	06 52 47.4	+0.6
N06A	Buffalo Meadow	57.50	64	P	P	06 52 47.2	+0.2
J10A	Berg Farm, Mel	57.57	60	↑P	P	06 52 47.6	+0.2
D15A	Lincoln	57.61	54	P	P	06 52 48.0	+0.4
I11A	Placerville	57.62	59	↑P	P	06 52 48.0	+0.4
O06A	Flanigan	57.67	64	P	P	06 52 50.1	+0.5
M08A	Happy Creek Ra	57.90	62	eP	P	06 52 50.3	+0.5
KOLN	Koldanda	57.90	276	eP	P	06 52 50.5	+0.5
G13A	Cobalt	57.92	57	P	P	06 52 49.8	-0.1
K10A	MacKenzie Ranc	57.92	60	P	P	06 52 50.5	+0.6
H12A	Diamond D Ranc	57.92	58	↑P	P	06 52 49.5	-0.4
F14A	Wisdom	57.93	56	↑P	P	06 52 49.3	-0.7
E15A	Deer Lodge	57.93	55	P	P	06 52 49.9	-0.1
L09A	Wilkinson Ranc	57.95	61	↑P	P	06 52 49.8	-0.3
N07B	Gerlach	57.98	63	↑P	P	06 52 50.4	0.0
MFID	Camas Ranch	58.10	59	↑P	P	06 52 50.9	-0.3
HRY	Holter Researc	58.18	54	eP	P	06 52 52.2	+0.5
JRSC	Jasper Ridge	58.20	68	↑P	P	06 52 51.9	-0.1
LAVA	Lava Cap Winer	58.23	66	P	P	06 52 51.9	-0.3
G14A	Jackson	58.25	56	↑P	P	06 52 51.8	-0.3
H13A	Challis	58.25	57	P	P	06 52 52.1	0.0

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FINES, U10A, EDW2, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMOK, WMOK, STHS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GZR, BZS, BZS, etc.

Table with columns: CABF, La Chapelle, 80.80 339 eP, P, 06 55 10.9 -0.4, etc. Includes various entries like Saint Saule, Saint Gilles, Signal de Mont, etc.

Table with columns: RJF, Les Rejaudoux, 83.04 342 iP, P, 06 55 22.8 -0.3, etc. Includes various entries like Luceram, Sospel, Mont Vial, etc.

Table with columns: NIZ, Severomujk, 1.54 42 ePn, Pn, 07 51 47.4 +0.2, etc. Includes various entries like SVKR, SYVR, MXMB, etc.

MOS 05 07:51:18.4±0.8, 5499N±11170E, h14km, mb4.3/1, Error ellipse: s-maj=18.5km s-min=10.9km az=71.4

BYKL 05 07:51:19.2±0.2, 5500N±11171E, h5km±11km, 8C, Lake Baykal region

Table with columns: Code, Station Name, Az, Az2, Op, ISC, Phase ID, Time, Res, etc. Includes entries like KMO, RKT, LPAZ, MAIT, etc.

NEIC 05 07:54:20.5, 1939N±6333W, h123km, MD3.8(RSPR), After RSPR, TRN 05 07:54:17.3, 1950N±6315W, h67km, 9C, Leeward Islands

Table with columns: HUMP, Col San Antoni, 2.90 2431, eP, Pn, 07 55 03.1, +2.1, etc.

IDC 05 07:57:32.1-2.6, 2984N-8048E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.7/21, mbtmp3.7/7, ML3.8/1, MS3.8/2, Ms1 3.8/2, ms1mx3.1/33, Error ellipse: s-maj=63.3km, s-min=31.8km, s-az=145.0, Nepal-India border region

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

CSEM 05 08:00:06.8-0.1, 3806N-3877E, h2km, MD3.5, ISK 05 08:00:07.1, 3809N-3877E, h2km, MD3.5, ISCBJ 05 08:00:07.2, 3806N-3877E, h2km, MD3.5, Error ellipse: s-maj=3.9km, s-min=2.9km, az=153.1, DDA 05 08:00:08.7, 3807N-3879E, h24km, 3km, MD3.9, ISC 05 08:00:08.8-0.3, 3805N-3876E, h0km, n46, c112/58, 2D, Turkey

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

ISCJB 05 08:04:21.9-0.7, 3096S-007-1779W-02, h33km, mb4.3/3, Error ellipse: s-maj=20.4km, s-min=6.3km, az=23.7, NEIC 05 08:04:23.8-1.4, 3084S-1780W, h37km, 13km, Error ellipse: s-maj=24.4km, s-min=13.1km, az=127.0, IDC 05 08:04:24.2-3.0, 3073S-1781W, h37km, 24km, mb3.9/2, mb1 4.3/4, mb1mx4.0/11, mbtmp4.1/4, ML4.4/2, MS3.4/1, Ms1 3.4/1, ms1mx2.7/20, Error ellipse: s-maj=32.3km, s-min=19.0km, az=118.0

ISC 05 08:04:21.8-3.4, 3083S-006-1780W-02, h17km, 23km, n27, c0580/20, mb4.3/3, Kermaec Islands

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

Table with columns: MKAR Makanchi Array, 118.06 310, PKP, PKPdf, 08 23 05.2, -2.0, etc.

ISCVB 05 08:21:51.1-1.2, 176S-03-178B-02, h563km, 19km, mb4.0/14, Error ellipse: s-maj=48.4km, s-min=12.3km, az=149.7, NEIC 05 08:21:51.7-0.9, 1751S-17874W, h566km, 13km, mb4.5/8, Error ellipse: s-maj=37.8km, s-min=9.5km, az=150.0, IDC 05 08:21:51.8-2.0, 1706S-1789W, h542km, 28km, mb3.2/7, mb1 3.5/9, mb1mx3.4/15, mbtmp3.3/9, Error ellipse: s-maj=74.9km, s-min=14.6km, az=152.0, ISC 05 08:21:51.8-1.2, 175S-03-178W-02, h566km, 16km, n19, c0586/19, mb4.0/14, 1D, Fiji Islands region

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

SZGRF 05 08:30:03.4, 4490N-1252E, h10km, mb4.8, Northwestern Balkan Peninsula

CSEM 05 08:30:04.0-4.0, 4508N-1509E, h5km, ML4.8/37, Mw4.5, MOS 05 08:30:04.3-0.9, 4508N-1489E, h17km, mb4.5/4, Error ellipse: s-maj=3.3km, s-min=2.7km, az=107.3, ROM 05 08:30:04.3-0.1, 4508N-1511E, h10km, M4.6/73, Error ellipse: s-maj=2.8km, s-min=1.3km, az=124.0, PRU 05 08:30:04.1, 4506N-1496E, h0km, PDG 05 08:30:05.0-0.8, 4517N-1498E, h19km, 3km, MD4.9/10, MD4.8/37, Error ellipse: s-maj=1.4km, s-min=2.6km, az=0.0, NEIC 05 08:30:05.6-0.1, 4511N-1493E, h10km, ML4.5/103, ML4.4(LJU), ML4.8(SZGRF), ML4.6(ROM), ML4.6(LDG), ML4.4(BUC), Error ellipse: s-maj=1.8km, s-min=1.8km, az=137.0

NEIC Felt [V] in central and southern Slovenia, LDG 05 08:30:05.5-0.1, 4521N-1510E, h10km, M4.6/27, ms3.2/5, Error ellipse: s-maj=2.9km, s-min=1.9km, az=6.0, ZUR 05 08:30:06.3, 4520N-1500E, h10km, mb4.4/11, BEO 05 08:30:07.1-0.6, 4511N-1503E, h13km, 3km, ML4.8/9, IDC 05 08:30:07.6-2.5, 4509N-1486E, h30km, 19km, mb3.8/13, mb1 3.9/26, mb1mx3.9/31, mbtmp3.8/26, ML4.0/11, MS3.4/7, Ms1 3.4/7, ms1mx3.0/39, Error ellipse: s-maj=1.6km, s-min=1.0km, az=54.0

IPEC 05 08:30:09.7-0.2, 4524N-1511E, h30km, 2km, Error ellipse: s-maj=1.3km, s-min=1.3km, az=95.0, STR 05 08:30:12.2-0.5, 4519N-1421E, h5km, Error ellipse: s-maj=0.0km, s-min=0.0km, az=0.0, ISC 05 08:30:05.4-0.2, 45098N-0008-1495E, h0km, n19, c0586/19, mb4.0/20, 89C-125D, Northwestern Balkan Peninsula

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

Table with columns: CRES Cresnev, 0.81 26, iPg, Sg, 08 30 31.1, -0.4, etc.

CESS comp-Z, 1.0um, 0.4s, Cesta pri Krsk, 0.95 22, iPg, Pg, 08 30 22.8, -0.7, CESS comp-Z, 2.0um, 0.4s, Cesta pri Krsk, 0.95 22, iPg, Pg, 08 30 22.8, -0.7

Table with columns: PDKS Podkum, 0.96 2, ePg, Sg, 08 30 23.5, -0.4, etc.

LJU Ljubljana, 0.99 343, iPg, Sg, 08 30 23.8, -0.6, LJU Ljubljana, 0.99 343, iPg, Sg, 08 30 23.8, -0.6, LJU Ljubljana, 0.99 343, iPg, Sg, 08 30 25.1, +1.4, LJU Ljubljana, 0.99 343, ePg, Pg, 08 30 25.6, +1.2, LJU Ljubljana, 0.99 343, iPg, Sg, 08 30 23.8, -0.6, LJU Ljubljana, 0.99 343, iPg, Sg, 08 30 23.8, +1.4

Table with columns: JAVS Javornik, 1.01 322, ePg, Sg, 08 30 23.8, -1.0, etc.

DOB Dobrina, 1.11 19, iPg, Pg, 08 30 26.0, -0.7, DOB Dobrina, 1.11 19, iPg, Pg, 08 30 26.0, -0.7, VOJ Vojsko, 1.19 322, ePg, Pg, 08 30 26.3, -2.0, VOJ Vojsko, 1.20 322, iPg, Sg, 08 30 27.0, +0.5, VOJ Vojsko, 1.20 322, iPg, Sg, 08 30 26.8, -1.5, VOJ Vojsko, 1.20 322, iPg, Sg, 08 30 26.8, -1.5, MOZ Mozjanca, 1.25 344, iPg, Sg, 08 30 45.3, +1.4, ZAV Zavadnje, 1.34 21, iPg, Sg, 08 30 30.2, -0.8, ZAV Zavadnje, 1.34 21, iPg, Sg, 08 30 48.3, -0.1, GOR Gorjuse, 1.39 332, ePg, Pg, 08 30 31.1, -0.9, GOR Gorjuse, 1.39 332, ePg, Pg, 08 30 31.1, -0.9, GOR Gorjuse, 1.39 332, ePg, Pg, 08 30 51.3, +1.2, GOR Gorjuse, 1.39 332, ePg, Pg, 08 30 51.3, -0.9, DRE Drenchia, 1.41 320, iPg, Pg, 08 30 30.5, -2.0, DRE Drenchia, 1.41 320, iPg, Pg, 08 30 52.9, +2.1, DRE Drenchia, 1.41 320, iPg, Pg, 08 30 52.9, +2.1, CAD Cadrj, 1.42 323, ePg, Sg, 08 30 30.6, -0.7, CAD Cadrj, 1.42 323, ePg, Sg, 08 30 30.6, -0.7, CAD Cadrj, 1.42 323, ePg, Sg, 08 30 53.0, +2.8

CAD Cadrj, 1.42 323, ePg, Sg, 08 30 30.6, -0.7, CAD Cadrj, 1.42 323, ePg, Sg, 08 30 53.0, +2.8

Table with columns: CAD Cadrj, 1.42 323, ePg, Sg, 08 30 30.6, -0.8, etc.

GRO Grobnik, 1.42 16, iPg, Pg, 08 30 30.9, -1.6, GRO Grobnik, 1.42 16, iPg, Pg, 08 30 30.9, -1.6, GRO Grobnik, 1.42 16, iPg, Pg, 08 30 31.0, -1.5, OBKA Obir, 1.44 349, ePg, Pg, 08 30 32.0, -1.0, OBKA Obir, 1.44 349, iPg, Sg, 08 30 49.1, -1.7, OBKA Obir, 1.44 349, ePg, Pg, 08 30 31.9, -1.0, OBKA Obir, 1.44 349, ePg, Pg, 08 30 32.8, -1.0, OBKA Obir, 1.44 349, ePg, Pg, 08 30 49.1, -1.7, OBKA Obir, 1.44 349, ePg, Pg, 08 30 32.0, -1.0, OBKA Obir, 1.44 349, ePg, Pg, 08 30 32.8, -1.0, OBKA Obir, 1.44 349, ePg, Pg, 08 30 49.1, -1.6

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MYKA	jPg	Pg	08 30 38.9 -0.6	comp=Z,1um,0.6s	CRE	Caprese Michel	2.61 237	Pn	Pn	08 30 48.6 +0.8	BDI	Bagni Di Lucca	3.28 253	jPn	Pn	08 30 57.7 +0.7
MYKA	jSg	Sg	08 31 00.8 -1.9	comp=Z,2um,0.6s	ASS	Assisi	2.62 220	ePn	Pn	08 30 48.1 +0.1	BDI	Bagni Di Lucca	3.28 253	jPn	Pn	08 30 57.7 +0.7
MYKA	jPg	Pg	08 30 37.6 +1.2	comp=Z,2um,0.6s	ASS	Assisi	2.62 220	ePn	Pn	08 30 48.1 +0.1	BDI	Bagni Di Lucca	3.28 253	jPn	Pn	08 30 57.7 +0.7
MYKA	jSg	Sg	08 31 00.8 -1.9	comp=Z,2um,0.6s	ASS	Assisi	2.62 220	ePn	Pn	08 30 48.1 +0.1	BDI	Bagni Di Lucca	3.28 253	jPn	Pn	08 30 57.7 +0.7
MPRI	jPn	Pn	08 30 37.3 +0.8	comp=Z,2um,0.6s	NRCA	Norcia	2.62 211	Pn	Pn	08 30 47.6 -0.4	FG2	Serracappola	3.30 177	jPn	Pn	08 30 56.4 -0.8
MPRI	jSn	Sn	08 31 03.7 +4.3	comp=Z,2um,0.6s	NRCA	Norcia	2.62 211	Pn	Pn	08 30 47.6 -0.4	FG2	Serracappola	3.30 177	jPn	Pn	08 30 56.4 -0.8
MPRI	jSn	Sn	08 31 03.7 +4.3	comp=Z,2um,0.6s	NRCA	Norcia	2.62 211	Pn	Pn	08 30 47.6 -0.4	FG2	Serracappola	3.30 177	jPn	Pn	08 30 56.4 -0.8
AOI	jPn	Pn	08 30 37.2 +0.2	comp=Z,2um,0.6s	TERO	Teramo	2.66 202	Pn	Pn	08 30 47.9 -0.6	ERBM	Eremo	3.30 260	jPn	Pn	08 30 58.2 +0.9
AOI	jSn	Sn	08 31 03.3 +3.0	comp=Z,2um,0.6s	TERO	Teramo	2.66 202	Pn	Pn	08 30 47.9 -0.6	ERBM	Eremo	3.30 260	jPn	Pn	08 30 58.2 +0.9
AOI	jPn	Pn	08 30 37.2 +0.2	comp=Z,2um,0.6s	TERO	Teramo	2.66 202	Pn	Pn	08 30 47.9 -0.6	ERBM	Eremo	3.30 260	jPn	Pn	08 30 58.2 +0.9
AOI	jSn	Sn	08 31 03.3 +3.0	comp=Z,2um,0.6s	TERO	Teramo	2.66 202	Pn	Pn	08 30 47.9 -0.6	ERBM	Eremo	3.30 260	jPn	Pn	08 30 58.2 +0.9
AOI	jPn	Pn	08 30 37.2 +0.2	comp=Z,2um,0.6s	TERO	Teramo	2.66 202	Pn	Pn	08 30 47.9 -0.6	ERBM	Eremo	3.30 260	jPn	Pn	08 30 58.2 +0.9
AOI	jSn	Sn	08 31 03.3 +3.0	comp=Z,2um,0.6s	TERO	Teramo	2.66 202	Pn	Pn	08 30 47.9 -0.6	ERBM	Eremo	3.30 260	jPn	Pn	08 30 58.2 +0.9
SENI	jPn	Pn	08 30 37.9 +0.4	comp=Z,2um,0.6s	VMG	Vicchio	2.69 246	Pn	Pn	08 30 49.4 +0.5	TRIV	Trivento	3.34 185	jPn	Pn	08 30 57.1 -0.8
SENI	jSn	Sn	08 31 03.3 +3.0	comp=Z,2um,0.6s	VMG	Vicchio	2.69 246	Pn	Pn	08 30 49.4 +0.5	TRIV	Trivento	3.34 185	jPn	Pn	08 30 57.1 -0.8
PESA	jPn	Pn	08 30 39.2 +1.1	comp=Z,2um,0.6s	PKS9	Tamasi	2.76 56	eP	Pn	08 30 48.3 -1.6	SQTA	Sankt Quirin	3.36 311	jPn	Pn	08 31 00.3 +2.3
PESA	jSn	Sn	08 31 05.9 +3.7	comp=Z,2um,0.6s	PKS9	Tamasi	2.76 56	eP	Pn	08 30 48.3 -1.6	SQTA	Sankt Quirin	3.36 311	jPn	Pn	08 31 00.3 +2.3
PESA	jPn	Pn	08 30 39.2 +1.1	comp=Z,2um,0.6s	PKS9	Tamasi	2.76 56	eP	Pn	08 30 48.3 -1.6	SQTA	Sankt Quirin	3.36 311	jPn	Pn	08 31 00.3 +2.3
PESA	jSn	Sn	08 31 05.9 +3.7	comp=Z,2um,0.6s	PKS9	Tamasi	2.76 56	eP	Pn	08 30 48.3 -1.6	SQTA	Sankt Quirin	3.36 311	jPn	Pn	08 31 00.3 +2.3
PESA	jPn	Pn	08 30 39.2 +1.1	comp=Z,2um,0.6s	PKS9	Tamasi	2.76 56	eP	Pn	08 30 48.3 -1.6	SQTA	Sankt Quirin	3.36 311	jPn	Pn	08 31 00.3 +2.3
PESA	jSn	Sn	08 31 05.9 +3.7	comp=Z,2um,0.6s	PKS9	Tamasi	2.76 56	eP	Pn	08 30 48.3 -1.6	SQTA	Sankt Quirin	3.36 311	jPn	Pn	08 31 00.3 +2.3
PLRO	jPn	Pn	08 30 39.5 +1.1	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 30 57.9 -0.9	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
PLRO	jSn	Sn	08 31 08.2 +5.5	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
PLRO	jPn	Pn	08 30 39.5 +1.2	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
PLRO	jSn	Sn	08 31 08.2 +5.5	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
MLNI	jPn	Pn	08 30 39.2 +0.5	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
MLNI	jSn	Sn	08 31 08.0 +4.7	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
MLNI	jPn	Pn	08 30 39.2 +0.5	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
MLNI	jSn	Sn	08 31 08.0 +4.7	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
MLNI	jPn	Pn	08 30 39.8 +0.6	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
MLNI	jSn	Sn	08 31 08.0 +4.6	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
CAE	jPn	Pn	08 30 39.8 +0.6	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
CAE	jSn	Sn	08 31 09.5 +5.3	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
CAE	jPn	Pn	08 30 39.8 +0.6	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
CAE	jSn	Sn	08 31 09.5 +5.3	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
CAE	jPn	Pn	08 30 39.8 +0.6	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
CAE	jSn	Sn	08 31 09.5 +5.3	comp=Z,2um,0.6s	MOA	Molin	2.79 350	ePn	Pg	08 31 22.7 -1.4	ARCI	Arcidosso	3.37 229	Pn	Pn	08 30 58.0 -0.2
ZOU	jPn	Pn	08 31 10.5 +5.7	comp=Z,2um,0.6s	CAMP	Campotosto	2.79 204	ePn	Pn	08 30 49.9 -0.4	SARO	San Giovanni R	3.39 170	jPn	Pn	08 30 57.3 -1.2
ZOU	jSn	Sn	08 31 09.5 +5.2	comp=Z,2um,0.6s	CAMP	Campotosto	2.79 204	ePn	Pn	08 30 49.9 -0.4	SARO	San Giovanni R	3.39 170	jPn	Pn	08 30 57.3 -1.2
ZOU	jPn	Pn	08 31 10.5 +5.7	comp=Z,2um,0.6s	CAMP	Campotosto	2.79 204	ePn	Pn	08 30 49.9 -0.4	SARO	San Giovanni R	3.39 170	jPn	Pn	08 30 57.3 -1.2
ZOU	jSn	Sn	08 31 09.5 +5.2	comp=Z,2um,0.6s	CAMP	Campotosto	2.79 204	ePn	Pn	08 30 49.9 -0.4	SARO	San Giovanni R	3.39 170	jPn	Pn	08 30 57.3 -1.2
ZOU	jPn	Pn	08 30 40.6 +1.1	comp=Z,2um,0.6s	CAMP	Campotosto	2.79 204	ePn	Pn	08 30 49.9 -0.4	SARO	San Giovanni R	3.39 170	jPn	Pn	08 30 57.3 -1.2
ZOU	jSn	Sn	08 31 10.5 +5.7	comp=Z,2um,0.6s	CAMP	Campotosto	2.79 204	ePn	Pn	08 30 49.9 -0.4	SARO	San Giovanni R	3.39 170	jPn	Pn	08 30 57.3 -1.2
FSSB	jPn	Pn	08 30 41.2 +0.4	comp=Z,2um,0.6s	SOP	Sopron	2.81 23	jPn	Pn	08 30 51.3 +0.7	VLC	Villacollemand	3.39 256	ePn	Pn	08 30 59.4 +0.9
FSSB	jSn	Sn	08 30 41.2 +0.4	comp=Z,2um,0.6s	SOP	Sopron	2.81 23	jPn	Pn	08 30 51.3 +0.7	VLC	Villacollemand	3.39 256	ePn	Pn	08 30 59.4 +0.9
FSSB	jPn	Pn	08 30 41.2 +0.4	comp=Z,2um,0.6s	SOP	Sopron	2.81 23	jPn	Pn	08 30 51.3 +0.7	VLC	Villacollemand	3.39 256	ePn	Pn	08 30 59.4 +0.9
FSSB	jSn	Sn	08 30 41.2 +0.4	comp=Z,2um,0.6s	SOP	Sopron	2.81 23	jPn	Pn	08 30 51.3 +0.7	VLC	Villacollemand	3.39 256	ePn	Pn	08 30 59.4 +0.9
FSSB	jPn	Pn	08 30 41.2 +0.4	comp=Z,2um,0.6s	SOP	Sopron	2.81 23	jPn	Pn	08 30 51.3 +0.7	VLC	Villacollemand	3.39 256	ePn	Pn	08 30 59.4 +0.9
FVI	jPn	Pn	08 30 42.1 +0.9	comp=Z,2um,0.6s	PKSM	Moragy	2.82 65	jP	Pn	08 30 49.3 -1.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
FVI	jSn	Sn	08 30 42.1 +0.9	comp=Z,2um,0.6s	PKSM	Moragy	2.82 65	jP	Pn	08 30 49.3 -1.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
FVI	jPn	Pn	08 30 42.1 +0.9	comp=Z,2um,0.6s	PKSM	Moragy	2.82 65	jP	Pn	08 30 49.3 -1.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
FVI	jSn	Sn	08 30 42.1 +0.9	comp=Z,2um,0.6s	PKSM	Moragy	2.82 65	jP	Pn	08 30 49.3 -1.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
FVI	jPn	Pn	08 30 42.1 +0.9	comp=Z,2um,0.6s	PKSM	Moragy	2.82 65	jP	Pn	08 30 49.3 -1.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
MTLO	jPn	Pn	08 30 41.7 +0.5	comp=Z,2um,0.6s	VCEL	Villa Cellera	2.82 197	Pn	Pn	08 30 50.4 -0.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
MTLO	jSn	Sn	08 31 01.7 +0.5	comp=Z,2um,0.6s	VCEL	Villa Cellera	2.82 197	Pn	Pn	08 30 50.4 -0.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
CING	jPn	Pn	08 30 41.2 -0.1	comp=Z,2um,0.6s	VCEL	Villa Cellera	2.82 197	Pn	Pn	08 30 50.4 -0.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
CING	jSn	Sn	08 30 41.2 -0.1	comp=Z,2um,0.6s	VCEL	Villa Cellera	2.82 197	Pn	Pn	08 30 50.4 -0.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
CING	jPn	Pn	08 30 41.2 -0.1	comp=Z,2um,0.6s	VCEL	Villa Cellera	2.82 197	Pn	Pn	08 30 50.4 -0.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
CING	jSn	Sn	08 30 41.2 -0.1	comp=Z,2um,0.6s	VCEL	Villa Cellera	2.82 197	Pn	Pn	08 30 50.4 -0.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
CING	jPn	Pn	08 30 41.2 -0.1	comp=Z,2um,0.6s	VCEL	Villa Cellera	2.82 197	Pn	Pn	08 30 50.4 -0.3	BRY	Bratogost	3.40 129	jPn	Pn	08 31 40.9 +1.8
RSM	jPn	Pn	08 30 41.4 +0.1	comp=Z,2um,0.6s	LNSS	Leonessa	2.85 210	Pn	Pn	08 30 51.0 -0.1	MAIM	MAIM	3.40 251	P	Pn	08 30 58.5 -0.2
RSM	jSn	Sn	08 30 41.4 +0.1	comp=Z,2um,0.6s	LNSS	Leonessa</										





Table with columns for station name, frequency, power, and other technical details. Includes stations like UPC Upice, WERN Wernitzgruen, STV Sta Anna Valdi, BALST Balsthal, SBF Sospel, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRANT Les Verrieres, SERS Sersale, BIA Bitola, ECH Echery, HIN Hinterfeld, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PRAF Pradon, VOIR VOIR, MMB Musomiste, SAINT-JULIEN-I, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like Montolieu, Les Rejaudoux, Malloca, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like FIA1, MDT, KIV, etc.

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





HUMO	comp-Z,112nm,1.8s,mb5.5	LR	LR		
HUMO	comp-Z,2um,22.0s,MSS.5				
HUMO	Hull Mountain	79.47	37	P	10 07 58.1 +0.3
ELFS	Eagle Lake Fire	79.49	39	P	10 07 58.0 +0.1
SSE	Sheshan	79.53	309	P	10 07 58.9 +0.5
SSE				S	10 17 59.4 +1.1
SSE	comp-Z,22nm,0.7s,mb5.2	AMB	AMB		
SSE	comp-Z,48nm,3.6s	LR	LR		
SSE	comp-N,467nm,18.8s,MSS.0	LR	LR		
SSE	comp-E,405nm,19.0s,MSS.0	LR	LR		
SSE	comp-Z,894nm,20.9s,MSS.1	LR	LR		
M04C	Macdoel	79.57	38	P	10 07 58.5 +0.1
Q07A	Schurz	79.61	42	UP	10 07 58.7 -0.1
NVAR	Mina Array Bea	79.62	42	P	10 07 58.7 -0.1
NVAR	Mina Array Bea	79.62	42	P	10 07 58.7 -0.1
J02A	Umpqua	79.62	36	UP	10 07 58.8 +0.1
BUOR	Burton Butte	79.66	37	P	10 07 58.8 -0.1
R08A	Mina	79.70	42	P	10 07 59.2 0.0
M05C	Lookout	79.70	39	UP	10 07 59.4 +0.3
U10A	Ash Meadows, A	79.72	45	P	10 07 59.7 +0.3
PAHR	Pah Rah Range	79.72	41	eP	10 07 59.0 -0.3
O06A	Flanigan	79.74	40	UP	10 07 59.6 +0.2
L04A	Klamath Falls	79.79	38	P	10 07 59.6 0.0
S09A	Goldfield	79.89	43	P	10 08 00.1 -0.2
I02A	Mapleton	79.91	35	UP	10 08 00.4 +0.3
P07A	Fallon	79.93	41	UP	10 08 00.6 +0.2
NEE2	Needles Airpor	79.94	47	UP	10 08 00.9 +0.3
Y13A	Salome	79.96	48	P	10 08 01.1 +0.4
J03A	Ideyld Park	79.96	36	UP	10 08 00.7 +0.2
V11A	Goodsprings	79.99	46	P	10 08 01.0 +0.2
M06C	Likely Place G	80.00	39	P	10 08 00.9 +0.1
PDMCI	Parker Dam,Lak	80.01	48	P	10 08 01.0 0.0
W12A	Cal Nev Ari	80.06	46	UP	10 08 01.7 +0.4
N06A	Buffalo Meadow	80.09	40	P	10 08 01.1 -0.1
TPH	Tonopah	80.10	43	eP	10 08 01.3 0.0
TPH	comp-Z,2um,19.0s,MSS.6	LR	LR		
TPH	Tonopah	80.10	43	eP	10 08 01.3 -0.1
TPH	comp-Z,114nm,1.4s,mb5.6	MLR	MLR		
Q08A	Gabbs	80.11	42	P	10 08 01.4 -0.1
K04A	Chilquiu	80.16	37	UP	10 08 01.8 +0.2
I03A	Eugene	80.19	35	UP	10 08 01.9 +0.2
PMSA	Palmer Station	80.24	156	PFAKE	10 08 10.0 +8.2
PMSA	Palmer Station	80.24	156	LR	10 35 47.2
H02A	Toledo	80.27	35	UP	10 08 03.5 +1.4
R09A	Tonopah	80.29	43	P	10 08 02.4 0.0
O07A	Toulon	80.31	41	P	10 08 02.5 0.0
V12A	Nelson	80.31	46	P	10 08 02.9 +0.3
L05A	Lakeview	80.32	38	P	10 08 02.8 +0.4
Z14A	Wintersburg	80.34	49	UP	10 08 03.1 +0.3
U11A	Corn Creek	80.35	45	UP	10 08 03.2 +0.5
J04A	Umpqua Nationa	80.35	37	UP	10 08 02.9 +0.3
X13A	Yucca	80.38	47	P	10 08 03.3 +0.3
S10A	Tonopah Range,	80.41	43	P	10 08 03.1 0.0
KDAK	Kodiak Island	80.48	12	eP	10 08 03.2 +0.3
KDAK	comp-Z,52nm,1.2s,mb5.3	LR	LR		
115A	Sonoran Desert	80.50	50	UP	10 08 03.8 +0.2
P08A	Dixie Valley	80.52	41	UP	10 08 03.8 +0.3
MOD	Modoc	80.53	38	eP	10 08 03.5 -0.1
MOD	comp-Z,2um,20.0s,MSS.4	LR	LR		
MOD	Modoc	80.53	38	P	10 08 03.5 -0.1
SHPR	Sheep Range	80.54	45	eP	10 08 04.0 +0.2
I04A	Tendick Farm,	80.55	36	P	10 08 03.1 -0.5
Q09A	Carvers	80.57	42	UP	10 08 03.8 -0.1
COR	Corvallis	80.58	35	PFAKE	10 08 20.0 +16
COR	comp-Z,2um,19.0s,MSS.5	LR	LR		
Y14A	Wickenburg	80.60	48	UP	10 08 03.8 -0.3
W13A	Hualapai Mount	80.62	47	UP	10 08 04.0 -0.3
N07B	Gerlach	80.63	40	P	10 08 04.3 +0.2
H03A	Soap Creek Ran	80.64	35	UP	10 08 04.1 0.0
K05A	Summer Lake	80.71	38	P	10 08 04.7 +0.1
IRO	Indian Ridge	80.77	36	P	10 08 04.3 -0.5
I16A	Eloy	80.80	50	UP	10 08 05.4 +0.1
R10A	Warm Springs	80.81	43	P	10 08 05.7 +0.5
J05A	Fort Rock	80.87	37	P	10 08 05.7 +0.3
M07A	Soldier Meadow	80.88	39	P	10 08 05.5 0.0
U12A	Valley of Fire	80.92	46	P	10 08 06.2 +0.5
T12A	Moapa	80.96	45	UP	10 08 06.2 +0.2
X14A	Yava	80.97	48	P	10 08 06.7 +0.6
P09A	Austin	81.02	42	UP	10 08 06.3 0.0
G03A	Yamhill	81.07	34	UP	10 08 06.6 +0.2
K06A	Valley Falls	81.12	38	P	10 08 06.8 +0.1
N08A	GE Springer MI	81.14	40	UP	10 08 07.0 +0.2
L07A	Adeli	81.17	39	P	10 08 07.3 +0.3
W14A	Selgman	81.23	47	UP	10 08 07.3 -0.2
H04A	Detroit Lake	81.25	35	P	10 08 06.7 -0.7
TRCR	Troy Canyon	81.31	44	eP	10 08 07.7 -0.1
TUC	Tucson	81.33	51	eP	10 08 08.6 +0.5
TUC	comp-Z,117nm,1.4s,mb5.6	LR	LR		

TUC	Tucson	81.33	51	eP	10 08 08.6 +0.5
TUC	comp-Z,117nm,1.4s,mb5.6	MLR	MLR		
F03A	Seaside	81.33	34	UP	10 08 08.2 +0.5
O09A	Fish Creek Ran	81.35	41	P	10 08 07.8 -0.3
M08A	Harper Creek Ra	81.39	40	UP	10 08 08.4 +0.2
I05A	Bend	81.41	36	UP	10 08 08.4 +0.2
G04A	Mulino	81.43	35	UP	10 08 08.8 +0.5
X15A	Humboldt	81.43	48	UP	10 08 08.5 -0.1
J06A	Christmas Vall	81.46	37	P	10 08 08.2 -0.4
P10A	Eureka	81.48	42	UP	10 08 08.7 0.0
BMN	Battle Mountai	81.49	41	PFAKE	10 08 20.0 +11
BMN	comp-Z,2um,20.0s,MSS.5	LR	LR		
BMN	Battle Mountai	81.49	41	eP	10 08 09.2 +0.5
BMN	comp-Z,50nm,1.0s,mb5.4	MLR	MLR		
Q11A	Ducowater	81.55	43	P	10 08 09.2 +0.1
N09A	Rock Creek Ran	81.55	41	P	10 08 09.2 +0.1
K07A	Rock Creek Ran	81.64	38	P	10 08 09.6 +0.1
T13A	Saint George	81.66	45	UP	10 08 10.2 +0.4
HABR	Khabarovsk	81.71	329	UP	10 08 09.4 -0.3
HABR	comp-Z,260nm,2.2s,mb5.8	eP	P	10 08 13.1 +2.9	
NJ2	Nanjing	81.72	309	eP	10 11 23.8 +6.2
NJ2	comp-Z,50nm,1.0s,mb5.4	AMB	AMB	10 18 21.0 -0.3	
NJ2	comp-Z,270nm,5.7s	LR	LR		
NJ2	comp-N,3um,20.4s,MSS.7	LR	LR		
NJ2	comp-E,2um,24.1s,MSS.7	LR	LR		
H03A	Lebam	81.74	33	UP	10 08 10.1 +0.1
E05A	Madras	81.75	36	UP	10 08 09.9 0.0
GZH	Guangzhou	81.77	298	P	10 08 13.1 +2.5
GZH	comp-N,642nm,24.3s,MSS.2	S	S	10 18 27.4 +5.4	
GZH	comp-E,992nm,22.7s,MSS.2	LR	LR		
W15A	Williams	81.78	48	UP	10 08 10.2 -0.2
WVOR	Wild Horse Val	81.84	39	eP	10 08 10.4 -0.2
WVOR	comp-Z,97nm,1.4s,mb5.5	LR	LR		
WVOR	Wild Horse Val	81.84	39	eP	10 08 10.4 -0.1
WVOR	comp-Z,97nm,1.4s,mb5.5	MLR	MLR		
O10A	Cortez Mining,	81.85	42	UP	10 08 10.5 -0.1
L08A	Fields	81.86	39	P	10 08 11.7 0.0
I06A	Prineville	81.86	37	UP	10 08 10.0 +0.4
P11A	Circle Ranch,	81.89	42	UP	10 08 10.8 -0.1
R12A	Pony Springs,	81.93	44	P	10 08 11.3 +0.2
F04A	Amboy	81.93	34	UP	10 08 10.6 -0.3
M09A	Marrel Ranch,	81.94	40	P	10 08 11.4 +0.4
HOOD	Mount Hood Mea	81.95	35	eP	10 08 11.2 +0.1
MDJ	Mudanjiang	81.96	324	PP	10 11 13.9 +1.9
MDJ	comp-Z,17nm,1.8s,mb4.7	AMB	AMB	10 11 21.5 +2.2	
MDJ	comp-Z,232nm,4.5s	LR	LR	10 18 22.4 -0.7	
MDJ	comp-N,725nm,16.7s,MSS.3	LR	LR		
MDJ	comp-E,1um,18.4s,MSS.3	LR	LR		
MDJ	comp-Z,2um,20.2s,MSS.4	LR	LR		
MDJ	Mudanjiang	81.96	324	eP	10 08 10.0 -1.1
MDJ	comp-Z,201nm,1.8s,mb5.8	LR	LR		
D03A	Wishkah Elem.	82.02	33	UP	10 08 11.7 +0.4
J07A	Hines	82.02	38	P	10 08 11.5 0.0
G05A	Wamic	82.08	35	UP	10 08 12.1 +0.4
N10A	Dunphy	82.09	41	P	10 08 12.2 +0.2
K08A	Mann Creek Ran	82.11	39	P	10 08 12.1 +0.1
NLWA	Neilton Lookou	82.15	33	eP	10 08 15.6 +3.6
NLWA	comp-Z,89nm,1.6s,mb5.4	LR	LR		
NLWA	Neilton Lookou	82.15	33	UP	10 08 12.5 +0.5
MAW	Mawson	82.16	199	P	10 08 11.6 -0.3
MAW	comp-Z,2.8nm,0.6s,mb4.4,baz=168,slow=5.4,LR=5.7	LR	LR	10 42 15.6	
L09A	Wilkinson Ranc	82.16	40	UP	10 08 12.5 +0.3
Q12A	Willow Creek R	82.19	43	UP	10 08 12.8 +0.4
E04A	Onalaska	82.21	34	UP	10 08 12.9 +0.6
T14A	Hurricane	82.24	46	P	10 08 13.1 +0.3
O11A	Cowboy Ranch,	82.28	42	P	10 08 13.0 +0.1
H06A	Lindquist Farm	82.29	36	P	10 08 12.6 -0.2
CCUT	Cedar City	82.32	45	eP	10 08 12.6 -0.5
I07A	Izee	82.35	37	P	10 08 13.2 0.0
P12A	McGill	82.38	43	P	10 08 13.7 +0.2
ARUT	Antelope Range	82.40	45	eP	10 08 12.0 -1.6
F05A	White Salmon	82.41	35	UP	10 08 13.5 +0.1
G06A	Carlson Farm,	82.44	36	P	10 08 13.3 -0.4
J08A	Circle Bar Ran	82.49	38	P	10 08 13.9 -0.1
D04A	Dobbs Creek Ra	82.51	33	UP	10 08 13.3 -0.7
K09A	Rome	82.53	39	P	10 08 14.2 0.0
M10A	L.L. Ranch, Tu	82.55	41	UP	10 08 14.0 -0.2
S14A	Cedar City	82.56	45	P	10 08 14.9 +0.5
WUAZ	Wupatki	82.58	48	eP	10 08 14.5 -0.1
WUAZ	comp-Z,2um,21.0s,MSS.5	LR	LR		
WUAZ	Wupatki	82.58	48	P	10 08 15.3 +0.7
N11A	Elko Archery C	82.63	41	P	10 08 15.4 +0.7

E05A	Randle	82.69	34	UP	10 08 14.9 0.0
F06A	Goldendale	82.70	35	UP	10 08 14.8 -0.2
USHA	Ushuaia	82.75	146	LR	10 40 17.9
I08A	Drewsey	82.78	38	P	10 08 15.3 -0.1
B04A	Port Angeles	82.78	32	UP	10 08 15.0 -0.3
C04A	Brinnon	82.82	33	UP	10 08 15.8 +0.2
WPW	White Pass	82.89	34	P	10 08 15.4 -0.5
ELK	Elko	82.90	42	eP	10 08 16.6 +0.4
ELK	comp-Z,3um,19.0s,MSS.7	LR	LR		
ELK	Elko	82.90	42	eP	10 08 16.6 +0.5
ELK	comp-Z,100nm,1.4s	MLR	MLR		
ELK	comp-Z,3um,19.0s	LR	LR		
J09A	Fry Pan Ranch,	82.91	38	P	10 08 16.1 0.0
L10A	Juniper Basin	82.91	40	P	10 08 16.1 -0.1
O12A	Currie	82.94	42	P	10 08 16.4 +0.1
M11A	Holland Ranch,	82.95	41	P	10 08 16.8 +0.4
QIZ	Qiongzong	82.98	293	PP	10 08 16.6 -0.4
QIZ	comp-Z,13nm,1.6s,mb4.7	PP	PP	10 11 31.4 +3.2	
QIZ	comp-N,691nm,29.1s	LR	LR	10 18 34.2 -0.4	
QIZ	comp-E,391nm,17.8s	LR	LR		
QIZ	comp-Z,807nm,28.2s,MSS.9	LR	LR		
QIZ	Qiongzong	82.98	293	PFAKE	10 08 30.0 +13
D05A	Enumclaw	82.98	34	UP	10 08 16.8 +0.4
G07A	Ruggs Ranch, H	82.99	36	P	10 08 16.2 -0.2
N12A	Clover Valley,	83.08	42	P	10 08 17.2 +0.1
K10A	MacKenzie Ranc	83.09	39	UP	10 08 17.2 +0.1
H08A	Prairie City	83.09	37	P	10 08 16.6 -0.4
E06A	Yakima	83.09	35	P	10 08 16.8 -0.2
PGC	Sidney	83.20	32	eP	10 08 16.6 -0.9
F07A	Phinny Hill Vi	83.25	36	UP	10 08 17.5 -0.3
I09A	Lost Marbles R	83.29	38	UP	10 08 18.0 -0.1

5d 9h

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like Noah's Angus R, S2 Ranch, Elgi, etc.

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Table with columns: SKAG, A10A, G14A, etc. Includes entries like Skagway, Northport, Jackson, etc.

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Table with columns: GYA, GYA, GYA, etc. Includes entries like comp=N,5um,20.0s,MS6.0, etc.





5d 10h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CLZ, BR131, BRTR, UZH, NIE, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WLF, GZR, GZL, CONA, BZS, etc.

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

ISC JB 05:09:58:52.21.1, 1943N,004-7821W,007,h18km,12km, Error ellipse: s-maj=11.0km s-min=6.9km az=7.4





NJ2	Nanjing	81.95	309	eP	P	10 28 44.6	+1.7
NJ2				AP	pP	10 28 49.3	+0.9
NJ2				XP	XP	10 28 51.6	+1.2
NJ2				AMB	AMB		
comp=Z,90nm,1.0s,mb5.7							
NJ2				AMB	AMB		
comp=Z,230nm,8.6s							
NJ2				LR	LR		
comp=N,2um,26.1s,MS5.4							
NJ2				LR	LR		
comp=E,1um,26.5s,MS5.4							
NJ2				LR	LR		
comp=Z,1um,28.5s,MS5.1							
J07A	Hines	81.95	38	P	P	10 28 42.5	-0.2
D03A	Wishkah Elem.	81.96	33	UP	P	10 28 42.8	+0.2
N10A	Dunphy	82.01	41	UP	P	10 28 43.4	+0.3
G05A	Wamic	82.01	35	UP	P	10 28 42.4	-0.6
K08A	Mann Creek Ran	82.03	39	P	P	10 28 42.6	-0.5
L09A	Wilkinson Ranc	82.08	39	UP	P	10 28 42.7	-0.7
Q12A	Willow Creek R	82.09	43	UP	P	10 28 43.5	-0.1
NLWA	Neilton Lookou	82.10	32	PFAKE	LR	10 29 00.0	+1.7
NLWA	Neilton Lookou	82.10	32	UP	P	10 28 43.7	+0.3
C03A	Quillayote Air	82.13	32	UP	P	10 28 43.1	-0.4
T14A	Hurricane	82.14	46	UP	P	10 28 43.8	-0.1
E04A	Onalaska	82.15	34	UP	P	10 28 43.5	-0.2
MDJ	Mudanjiang	82.15	324	P	P	10 28 45.6	+1.9
MDJ				AP	pP	10 28 48.8	-0.4
MDJ				AMB	AMB		
comp=Z,22nm,1.3s,mb4.9							
MDJ				AMB	AMB		
comp=Z,186nm,4.7s							
MDJ				LR	LR		
comp=N,522nm,21.7s							
MDJ				LR	LR		
comp=E,669nm,16.0s							
MDJ				LR	LR		
comp=Z,848nm,19.4s,MS5.1							
MDJ	Mudanjiang	82.15	324	eP	P	10 28 43.9	+0.1
MDJ				LR	LR		
comp=Z,918nm,20.0s,MS5.1							
MAW	Mawson	82.15	199	eP	P	10 28 44.6	+1.1
MAW	Mawson	82.15	199	eP	P	10 28 44.6	+1.1
MAW				pmx	pmx		
comp=Z,7.0nm,0.6s							
MAW	Mawson	82.15	199	P	P	10 28 43.1	-0.3
O11A	Cowboy Ranch,	82.19	42	UP	P	10 28 44.2	+0.2
CCUT	Cedar City	82.22	45	eP	P	10 28 44.3	+0.1
H06A	Lindquist Farm	82.23	36	P	P	10 28 42.9	-1.2
I07A	Izee	82.28	37	P	P	10 28 43.4	-1.0
P12A	McGill	82.29	43	UP	P	10 28 44.4	-0.2
ARUT	Antelope Range	82.30	45	eP	P	10 28 44.6	0.0
F05A	White Salmon	82.35	35	UP	P	10 28 44.6	-0.1
G06A	Carlson Farm,	82.38	36	UP	P	10 28 43.9	-1.0
J08A	Circle Bar Ran	82.42	38	UP	P	10 28 44.6	-0.5
K09A	Rome	82.46	39	P	P	10 28 44.7	-0.7
S14A	Cedar City	82.46	45	UP	P	10 28 45.0	-0.5
M10A	LL Ranch, Tu	82.46	40	UP	P	10 28 45.1	-0.4
WUAZ	Wupatki	82.47	48	eP	P	10 28 45.9	+0.3
WUAZ				LR	LR		
comp=Z,1um,19.0s,MS5.3							
WUAZ	Wupatki	82.47	48	UP	P	10 28 45.7	+0.1
N11A	Elko Archery C	82.54	41	UP	P	10 28 44.7	-1.2
E05A	Randle	82.63	34	UP	P	10 28 44.9	-1.2
F06A	Goldendale	82.64	35	UP	P	10 28 45.2	-1.0
I08A	Drewsey	82.70	38	P	P	10 28 45.8	-0.9
B04A	Port Angeles	82.73	32	UP	P	10 28 46.0	-0.6
C04A	Brinnon	82.77	33	UP	P	10 28 46.6	-0.3
ELK	Elko	82.81	42	PFAKE	LR	10 29 00.0	+1.3
J09A	Fry Pan Ranch,	82.83	38	P	P	10 28 46.5	-0.8
L10A	Juniper Basin	82.83	40	P	P	10 28 46.6	-0.7
O12A	Currie	82.84	42	UP	P	10 28 47.0	-0.4
M11A	Holland Ranch,	82.86	41	P	P	10 28 47.2	-0.3
D05A	Ennumclaf	82.92	33	P	P	10 28 47.8	+0.1
G07A	Ruggo Ranch, H	82.93	36	P	P	10 28 46.7	-1.1
N12A	Clover Valley,	83.00	42	P	P	10 28 47.5	-0.7
K10A	MacKenzie Ranc	83.01	39	P	P	10 28 47.6	-0.6
H08A	Prairie City	83.02	37	UP	P	10 28 47.4	-0.9
E06A	Yakima	83.03	34	P	P	10 28 47.2	-1.0
PGC	Sidney	83.15	32	eP	P	10 28 49.6	+0.7
F07A	Phinny Hill Vi	83.18	35	UP	P	10 28 47.7	-1.4
Q1Z	Qiongzong	83.21	293	PFAKE	LR	10 29 00.0	+1.0
Q1Z				LR	LR		
comp=Z,471nm,19.0s,MS4.9							
I09A	Lost Marbles R	83.22	38	UP	P	10 28 48.5	-0.8
L11A	Cat Creek Ranc	83.32	40	P	P	10 28 49.4	-0.4
G08A	Pilot Rock	83.33	36	UP	P	10 28 49.2	-0.6
M12A	Wells	83.39	41	P	P	10 28 49.6	-0.6
C05A	Toit Reservoir	83.41	33	P	P	10 28 48.9	-1.3
J10A	Berg Farm, Mel	83.45	39	UP	P	10 28 50.1	-0.5
SLKM	Skilak Lake	83.50	12	eP	P	10 28 51.2	+0.9
N13A	Wendover, West	83.52	42	P	P	10 28 50.6	-0.3
D06A	Cle Elum	83.52	34	UP	P	10 28 51.0	+0.2
MSU	Marysvalle	83.53	45	eP	P	10 28 51.5	+0.5
A04A	Legoye Bay, Lum	83.57	32	UP	P	10 28 50.1	-0.9
B05A	Bryant	83.57	33	UP	P	10 28 49.8	-1.2
TBM	Table Mountain	83.63	34	P	P	10 28 53.6	+2.3
E07A	Sunnyside	83.64	35	P	P	10 28 50.3	-1.1
H09A	Durkee	83.68	37	UP	P	10 28 51.0	-0.6
HAWA	Hanford	83.71	35	eP	P	10 28 50.5	-1.3
HAWA				LR	LR		
comp=Z,2um,19.0s,MS5.5							
COCO	West Island	83.74	259	PFAKE	LR	10 29 00.0	+7.3
COCO				LR	LR		
comp=Z,2um,19.0s,MS5.4							
F08A	Pendleton	83.75	36	P	P	10 28 51.0	-0.9
L12A	House Creek Ra	83.75	41	P	P	10 28 51.4	-0.6

I10A	Payette	83.83	38	P	P	10 28 52.0	-0.3
M13A	Montello	83.83	42	P	P	10 28 52.0	-0.5
GBL	Gable Mountain	83.88	35	P	P	10 28 51.5	-1.1
C06A	Tall Timber Ra	83.96	33	UP	P	10 28 52.0	-1.0
D07A	Quincy	83.98	34	P	P	10 28 52.0	-1.1
BMO	Blue Mountains	84.00	37	eP	P	10 28 52.0	-1.3
MFID	Genes Farm,70	84.00	39	P	P	10 28 52.5	-0.8
KLR	Kul'dur	84.01	328	eP	P	10 28 50.8	-2.4
KLR				pmx	pmx		
KLR				pmx	pmx		
CN2	Changchun	84.02	321	UP	AMB	10 28 53.4	0.0
CN2				AMB	AMB		
comp=Z,30nm,1.3s,mb5.3							
CN2				LR	LR		
comp=N,700nm,18.0s,MS5.3							
CN2				LR	LR		
comp=E,800nm,18.0s,MS5.3							
CN2				LR	LR		
comp=Z,1um,21.0s,MS5.3							
E08A	Dider Farm, El	84.03	35	UP	P	10 28 52.6	-0.7
DUG	Dugway	84.03	43	eP	P	10 28 55.4	+1.8
DUG				LR	LR		
comp=Z,26nm,0.9s,mb5.4							
DUG				LR	LR		
comp=Z,2um,19.0s,MS5.5							
DUG	Dugway	84.03	43	eP	P	10 28 53.2	-0.3
DUG				pmx	pmx		
comp=Z,26nm,1.0s,mb5.3							
DUG	Dugway	84.03	43	UP	P	10 28 52.7	-0.8
B06A	Marblemount	84.05	33	UP	P	10 28 52.4	-1.0
A05A	Maple Falls	84.06	32	UP	P	10 28 52.4	-1.1
H10A	Draper Farm, C	84.10	40	P	P	10 28 53.3	-0.5
K12A	Noah's Angus R	84.16	38	UP	P	10 28 53.3	-0.8
F09A	S2 Ranch, Elgi	84.17	36	UP	P	10 28 53.4	-0.8
I11A	Placerville	84.21	39	UP	P	10 28 53.1	-1.3
C07A	Waterville	84.25	34	UP	P	10 28 53.2	-1.3
BGU	Big Grassy Mou	84.30	42	UP	P	10 28 57.0	+2.1
WTV	Waterville	84.31	34	P	P	10 28 53.2	-1.6
J12A	Stokes Ranch,	84.34	40	UP	P	10 28 54.2	-0.8
NLU	North Lily Min	84.37	44	eP	P	10 28 56.7	+1.4
L13A	Double Diamond	84.37	41	UP	P	10 28 54.4	-0.9
A06A	Chilliwack	84.43	32	UP	P	10 28 54.1	-1.2
D08A	Wollman Farm,	84.45	35	P	P	10 28 54.6	-0.9
SIT	Sitka	84.46	21	PFAKE	LR	10 29 10.0	+1.5
SIT				LR	LR		
comp=Z,2um,19.0s,MS5.5							
EYAK	Cordova Ski Ar	84.50	14	eP	P	10 28 56.0	+0.5
E09A	Wood Farm, Sta	84.54	36	UP	P	10 28 54.8	-1.2
TMUT	Trail Mountain	84.58	45	eP	P	10 28 57.2	+0.8
WHN	Wuhan	84.58	305	eP	P	10 28 57.8	+1.2
K13A	Stover Farm, H	84.61	41	UP	P	10 28 55.4	-1.0
H11A	Donnelly	84.65	38	P	P	10 28 55.6	-0.9
MPU	Maple Canyon	84.69	44	eP	P	10 28 59.5	+2.6
MPU				LR	LR		
comp=Z,2um,19.0s,MS5.6							
MA2	Magadan	84.70	343	eP	P	10 28 56.1	-0.4
MA2				LR	LR		
comp=Z,2um,19.0s,MS5.4							
MA2	Magadan	84.70	343	eP	P	10 28 54.0	-2.5
MA2				pmx	pmx		
comp=Z,20nm,0.8s,mb5.3							
B07A	Winthrop	84.70	33	P	P	10 28 55.5	-1.3
PMR	Palmer	84.71	12	eP	P	10 28 56.0	-0.5
PMR				LR	LR		
comp=Z,42nm,1.3s,mb5.4							
PMR				LR	LR		
comp=Z,2um,19.0s,MS5.5							
PMR				MLR	MLR		
comp=Z,2um,19.0s,MS5.5							
F10A	Beach Ranch, E	84.71	37	UP	P	10 28 55.4	-1.5
NOQ	North Oquirrh	84.72	43	eP	P	10 28 59.7	+2.6
OD2	Odessa Site #2	84.77	35	P	P	10 28 55.8	-1.3
D09A	Jones Farm, RI	84.78	35	P	P	10 28 56.1	-1.1
C08A	Hightbootham F	84.84	34	P	P	10 28 56.1	-1.3
SPUT	Sou Protonto	84.87	42	eP	P	10 28 57.7	-0.1
Y22C	IRIS PASSCAL I	84.90	51	UP	P	10 28 57.9	-0.1
LAZ	Ladron	84.90	50	UP	P	10 28 59.6	+1.5
LENM	Lemitar	84.90	51	eP	P	10 28 58.6	+0.5
MNTX	Cornudas Mount	84.90	54	eP	P	10 28 58.3	+0.1
MNTX				LR	LR		
comp=Z,96nm,1.4s,mb5.7							
G11A	Walter Elk Ra	84.91	37	UP	P	10 28 56.9	-1.0
HLID	Hailey	84.92	40	eP	P	10 28 57.5	-0.5
HLID				LR	LR		
comp=Z,2um,19.0s,MS5.4							
HLID	Hailey	84.92	40	P	P	10 28 57.6	-0.4
HVU	Hansel Valley	84.93	42	eP	P	10 28 58.4	+0.3
HVU	Hansel Valley	84.93	42	eP	P	10 28 58.4	+0.4
HVU				pmx	pmx		
comp=Z,93nm,1.1s,mb5.8							
SRU	San Rafael	84.94	45	eP	P	10 28 57.9	-0.3
SRU				pmx	pmx		
comp=Z,150nm,1.0s,mb6.1							
SRU				pmx	pmx		
comp=Z,150nm,1.0s,mb6.1							
A07A	Ashola River,	84.94	33	P	P	10 28 56.8	-1.1
J13A	Cove Ranch, Pi	84.97	40	P	P	10 28 57.5	-0.7
CTU	Camp Tracy	84.98	43	eP	P	10 29 00.2	+1.9
WRAK	Wrangell Islan	84.98	22	eP	P	10 29 00.0	+2.1
WRAK				LR	LR		
comp							

5d 10h

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like LKWKY Lake, COLA College, JCT Junction City, etc.

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Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like CLNS comp=N,400nm,18.0s,MS5.2, LCO comp=E,800nm,19.0s,MS5.4, etc.

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Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like HDIL Hopedale, ZAK Zakamensk, TLY Talaya, etc.





5d 10h

DZM	Mont Dzumac	16.89 262	Pn	Pn	10 23 23.9 +4.0
DZM		1.3nm,0.3s,baz=86,slow=15,SNR=9.3		LR	10 27 42.8
URZ	Urewera	19.57 199	eP	Pn	10 23 40.1 -0.5
SNZO	South Karori	22.11 200	eP	P	10 24 19.8 +1.2
NRZ	Nelson	22.17 202	eP	Pn	10 24 18.7 -3.9
THZ	Tophouse	23.12 203	Pn	P	10 24 26.5 -2.9
LTZ	Lake Taylor	24.24 202	Pn	P	10 24 38.7 -1.4
PAE	Paea	24.63 87	eP	P	10 24 37.9 -6.1
PAE	Paea	24.63 87	eT	P	10 49 05.9
PPT	Papeete	24.65 87	eP	P	10 24 38.5 -5.7
PPT	Papeete	24.65 87	eT	P	10 49 07.6
PPT	Papeete	24.65 87	eLQ	P	10 29 32.5
PPT		12um,27.0s,baz=253		eLR	10 30 35.9
PPT	Papeete	24.65 87	LR	LR	10 31 04.3
TVO	Taravao	24.92 88	eP	P	10 24 41.3 -5.3
TVO	Taravao	24.92 88	eT	P	10 49 27.4
POZ	Rata Peaks	25.49 203	P	P	10 24 52.0 +0.4
FOZ	Fox Glacier	25.89 205	Pn	P	10 24 53.5 -1.6
PMOR	Pomariolee	26.84 82	eT	P	10 51 50.2
ARMA	Armidales	31.09 245	eP	P	10 25 48.3 +6.5
CNB	Canberra Magne	34.05 237	eP	P	10 26 07.3 -0.2
CTA	Charters Tower	35.82 264	eP	P	10 26 24.2 +1.1
CTA	Charters Tower	35.82 264	eP	P	10 26 24.2 +1.1
CTA	Charters Tower	35.82 264	P	P	10 26 23.4 +0.3
CTA	Charters Tower	35.82 264	LR	LR	10 39 33.2
CTA	Charters Tower	35.82 264	eP	P	10 26 24.0 +0.9
CTA	Charters Tower	35.82 264	eP	P	10 26 24.0 +0.9
RKT	Rikitea	37.55 101	eLR	LR	10 35 11.5
RKT	Rikitea	37.55 101	eT	LR	10 36 38.4
RKT	Rikitea	37.55 101	eT	P	11 05 17.0
TOO	Toolangi	37.66 235	eP	P	10 26 38.0 -0.6
TOO	Toolangi	37.66 235	eP	P	10 26 38.0 -0.6
PMG	Port Moresby	37.72 282	eP	P	10 26 40.5 +1.2
PMG	Port Moresby	37.72 282	eP	P	10 26 40.5 +1.2
PMG	Port Moresby	37.72 282	P	P	10 26 38.8 -0.5
STKA	Stephen Creek	39.81 245	eP	P	10 26 58.5 +1.8
STKA	Stephen Creek	39.81 245	eP	P	10 26 59.9 +3.2
STKA	Stephen Creek	39.81 245	LR	LR	10 39 48.0
COEN	Coen	39.97 273	eP	P	10 26 57.8 -0.4
POHA	Pohakuloa	44.76 27	P	P	10 27 37.1 +0.1
WB2	Warramunga Arr	46.90 262	eP	P	10 27 51.4 -2.7
WRA	Warramunga Arr	46.91 262	eP	P	10 27 52.2 -2.0
WRA	Warramunga Arr	46.91 262	eP	P	10 27 52.2 -2.0
WRA	Warramunga Arr	46.91 262	P	P	10 29 30.8 +4.0
WRA	Warramunga Arr	46.91 262	P	P	10 47 32.3
KAKA	Kakadu	50.35 271	eP	P	10 28 16.4 -4.3
FITZ	Fitzroy Creek	53.34 262	P	P	10 28 56.7 -0.9
SBA	Scott Base	57.77 184	eP	P	10 29 16.0 +2.0
SBA	Scott Base	57.77 184	eP	P	10 29 16.0 +2.1
VNDA	Vanda	57.86 186	LR	LR	10 48 48.8
VNDA	Vanda	57.86 186	LR	LR	10 53 20.9
CHIC	Chichiro	62.82 318	LR	LR	10 54 59.2
HJH	Hachijo jima 2	68.53 321	LR	LR	10 30 32.7 +2.7
QSPA	South Pole Qui	69.30 180	eP	P	10 30 44.1 -2.1
MJAR	Matsushiro Arr	71.85 322	P	P	10 58 07.8
MJAR	Matsushiro Arr	71.85 322	LR	LR	10 55 21.8
JOW	Kunigami	72.17 309	LR	LR	11 00 18.9
JNU	Nakatsue	74.12 315	LR	LR	10 57 52.7
ASAJ	Asahikawa	75.12 330	LR	LR	10 31 11.9 +2.9
SNCC	San Nicolas Is	75.72 46	eP	P	10 31 12.5 +1.4
BSC	Santa Cruz Isl	76.09 45	eP	P	10 31 12.6 +0.8
SCI	San Clemente I	76.22 46	eP	P	10 31 13.4 +1.2
V04C	Ramage Ranch	76.29 43	eP	P	10 31 12.9 +0.6
V03C	Hunter Liggett	76.29 43	eP	P	10 31 13.5 +1.1
SBC	Santa Barbara	76.31 45	eP	P	10 31 13.0 +0.7
HAST	UC Hastings Re	76.32 42	eP	P	10 31 14.9 +1.4
PKM	Peak Mountain	76.51 44	eP	P	10 31 14.9 +1.3
JRSC	Jasper Ridge	76.54 41	eP	P	10 31 15.1 +1.3
CIS	Catalina Islan	76.56 46	eP	P	10 31 13.8 -0.3
SAO	San Andreas Ge	76.62 42	eP	P	10 31 13.8 -0.3
SAO	San Andreas Ge	76.62 42	eP	P	10 31 15.2 +0.9
SMCC	Simmler	76.65 44	eP	P	10 31 15.2 +0.9
LRV	Little Rabbit	76.68 42	eP	P	10 31 15.2 +0.8
PKD	Parkfield	76.69 43	eP	P	10 31 15.4 +0.9
PTM	Pt Murre	76.72 43	eP	P	10 31 14.8 +0.1
U04C	Hernandez Rese	76.73 43	eP	P	10 31 15.7 +0.7
PACP	Pacheco Peak	76.88 42	eP	P	10 31 16.2 +0.7
NASH	Saint Helena R	77.03 40	eP	P	10 31 14.4 -1.9
V05C	Boulder Hill	77.05 43	eP	P	10 31 18.6 +2.1
HOPS	Hopland	77.05 39	eP	P	10 31 15.6 -0.8
HOPS	Hopland	77.05 39	eP	P	10 31 16.9 +0.5
OSI	Osito Adit	77.06 45	eP	P	10 31 18.0 +1.4
DECC	Green Verdugo	77.46 46	eP	P	10 31 18.0 +1.1
109C	Camp Elliot, M	77.47 47	eP	P	10 31 17.3 +0.1
S04C	Ingram Canyon,	77.16 41	eP	P	10 31 17.2 +0.1
T04C	Eagle Field, D	77.19 42	eP	P	10 31 17.3 +0.1
KCPM	Canto Peak	77.21 39	eP	P	10 31 17.0 -0.3
POIC	Double 8 Ranch	77.21 39	eP	P	10 31 18.1 +0.8

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YSS	Yuzh-Sakhalins	77.22 332	eP	P	10 31 17.7 +0.5
YSS	Yuzh-Sakhalins	77.22 332	eP	P	10 31 15.0 -2.2
ARVC	Arvin	77.30 45	eP	P	10 31 17.6 -0.3
MNRC	McLaughlin Nat	77.36 40	eP	P	10 31 18.5 +0.4
O01C	Eel River Cons	77.37 38	eP	P	10 31 18.1 0.0
Q03C	Winters	77.46 40	eP	P	10 31 18.6 -0.1
MURC	Murrieta	77.49 47	eP	P	10 31 19.5 +0.5
BFS	Mount Baldy St	77.56 46	eP	P	10 31 20.5 +1.1
VFC	Vestal, Richgr	77.56 44	eP	P	10 31 20.8 +1.5
MONP	Monument Peak	77.62 48	eP	P	10 31 20.2 +0.4
GASB	Alder Springs	77.69 39	eP	P	10 31 21.4 +1.4
JCC	Jacoby Creek	77.69 37	eP	P	10 31 20.3 +0.3
EDW2	Edwards Air Fo	77.71 45	eP	P	10 31 19.8 -0.4
DVTC	Desert V Tower	77.71 48	eP	P	10 31 20.4 +0.1
RCTC	Reactor, Farmer	77.74 43	eP	P	10 31 19.8 -0.6
ISA	Isabella	77.85 44	eP	P	10 31 21.0 0.0
T06C	Millerton Lake	77.87 43	eP	P	10 31 20.5 -0.5
KHMM	Horse Mountain	77.90 38	eP	P	10 31 20.7 -0.4
Q04C	Lincoln	77.97 40	eP	P	10 31 21.7 +0.2
O02C	Red Bluff	77.99 39	eP	P	10 31 20.7 -1.0
PFO	Pinyon Flat Ob	78.01 47	eP	P	10 31 22.1 +0.2
PFO	Pinyon Flat Ob	78.01 47	eP	P	10 31 22.1 +0.2
PFO	Pinyon Flat Ob	78.01 47	eP	P	10 31 21.1 -0.8
PFO	Pinyon Flat Ob	78.01 47	eP	P	10 31 21.5 -0.5
CMB	Columbia Colle	78.08 41	eP	P	10 31 21.1 -1.1
CMB	Columbia Colle	78.08 41	eP	P	10 31 21.1 -1.1
CMB	Columbia Colle	78.08 41	eP	P	10 31 21.4 -0.8
SWSC	Sam W. Stewart	78.08 48	eP	P	10 31 21.0 -1.4
HELL	Mitchell Peak,	78.11 43	eP	P	10 31 21.8 -0.6
OCHM	Honcut	78.22 40	eP	P	10 31 24.5 +1.6
KRMB	Red Mountain	78.23 37	eP	P	10 31 22.0 -0.9
LAVA	Lava Cap Winer	78.31 41	eP	P	10 31 21.5 -1.9
KCC	Kaiser Creek	78.31 43	eP	P	10 31 22.6 -0.8
ORV	Oroville	78.35 40	eP	P	10 31 23.8 +0.2
WDC	Whiskeytown Da	78.39 38	eP	P	10 31 23.1 -0.8
WDC	Whiskeytown Da	78.39 38	eP	P	10 31 23.1 -0.8
WDC	Whiskeytown Da	78.39 38	eP	P	10 31 23.8 -0.1
BELC	Belle Mtn.	78.54 47	eP	P	10 31 24.1 -0.7
CWC	Cottonwood Cre	78.57 44	eP	P	10 31 24.4 -0.6
KSR5	Korea Array	78.68 317	P	P	10 31 24.9 -0.6
KSR5	Kirkwood MESS	78.68 41	LR	LR	11 02 28.4
R05C	Big Chuckw Mtn	78.72 47	eP	P	10 31 24.8 -1.1
MPMC	Manual Prospec	78.73 44	eP	P	10 31 25.5 -0.3
M02C	Callahan	78.74 38	eP	P	10 31 24.9 -0.8
GSC	Goldstone	78.75 45	eP	P	10 31 25.3 -0.7
HEC	Hector,Ludlow	78.79 46	eP	P	10 31 25.5 -0.7
DAC	Darwin (Calif)	78.79 44	eP	P	10 31 28.0 +1.8
MLAC	Mammoth Lakes	78.80 43	eP	P	10 31 26.2 +0.1
MTUM	Tungsten Hills	78.80 43	eP	P	10 31 26.1 -0.1
TIN	Tinemaha	78.84 43	eP	P	10 31 27.3 +0.9
R07C	Lee Vining	78.94 42	eP	P	10 31 27.3 +0.4
WAKR	Walker	78.95 42	eP	P	10 31 27.1 +0.1
O05C	Quincy	78.95 40	eP	P	10 31 26.9 -0.1
G06C	Coleville	78.95 42	eP	P	10 31 27.7 +0.7
YBH	Yreka Blue Hor	79.04 37	eP	P	10 31 26.8 -0.6
YBH	Yreka Blue Hor	79.04 37	eP	P	10 31 26.8 -0.6
YBH	Yreka Blue Hor	79.04 37	eP	P	10 31 27.2 -0.2
O04C	Chester	79.08 39	eP	P	10 31 27.6 -0.1
M03C	McCloyd	79.08 38	eP	P	10 31 27.9 +0.2
S08C	White Mtn Res	79.14 43	eP	P	10 31 28.2 +0.2
HATC	Hat Creek Radi	79.17 39	eP	P	10 31 29.0 +0.8
IRM	Iron Mountain	79.21 47	eP	P	10 31 29.1 +0.5
GMRC	Granite Mounta	79.21 46	eP	P	10 31 27.8 -0.7
BEKR	Beckwourth	79.23 40	eP	P	10 31 27.5 -1.0
WCN	Washoe City	79.25 41	eP	P	10 31 28.2 -0.4
K02A	Glendale	79.28 36	eP	P	10 31 29.3 +0.6
GRAC	Grapevine Rang	79.36 44	eP	P	10 31 29.6 +0.3
FURC	Furnace Creek,	79.38 44	eP	P	10 31 29.7 +0.2
P06A	Stead Airport,	79.39 40	eP	P	10 31 30.1 +0.7
TUQ	Turquoise Mtn.	79.41 46	eP	P	10 31 29.5 -0.1
Y12C	Blythe	79.42 48	eP	P	10 31 29.8 +0.1
SHOC	Shoshone	79.44 45	eP	P	10 31 30.9 +1.1
HUMO	Hull Mountain	79.48 37	eP	P	10 31 30.1 -0.7
HUMO	Hull Mountain	79.48 37	eP	P	10 31 30.4 +0.6
ELFS	Eagle Lake Fie	79.48 39	eP	P	10 31 30.0 +0.2
M04C	Macdoel	79.57 38	eP	P	10 31 30.0 -0.3
NVAR	Mina Array Bea	79.61 42	eP	P	10 31 29.9 -0.7
J02A	Umpqua	79.64 36	eP	P	10 31 31.0 +0.3
R08A	Mina	79.69 42	eP	P	10 31 30.8 -0.2
U10A	Ash Meadows, A	79.70 45	eP	P	10 31 32.3 +1.1
M05C	Lookout	79.70 38	eP	P	10 31 31.0 -0.1
PAHR	Pah Rah Range	79.72 41	eP	P	10 31 31.2 +0.1
L04A	Klamath Falls	79.80 37	eP	P	10 31 31.2 -0.3
S09A	Goldfield	79.88 43	eP	P	10 31 32.7 +0.6

MDJ	comp=Z,7.0nm,1.1s,mb4.5	AMB	AMB		
MDJ	comp=Z,1.17nm,4.2s	LR	LR		
MDJ	comp=N,450nm,16.4s,MS5.1	LR	LR		
MDJ	comp=E,598nm,17.8s,MS5.1	LR	LR		
MDJ	comp=Z,1.1m,17.8s,MS5.2				
MDJ	Mudanjiang 82.12 324 eP	P		10 31 45.0 +1.1	
L09A	Wilkinson Ranc 82.16 40 uP	P		10 31 43.7 -0.4	
NLWA	Neilton Lookou 82.17 33 uP	P		10 31 43.9 -0.2	
Q12A	Willow Creek R 82.17 43 uP	P		10 31 44.0 -0.3	
T14A	Hurricane 82.22 46 uP	P		10 31 44.8 +0.2	
E04A	Onalaska 82.22 34 uP	P		10 31 44.2 -0.2	
O11A	Cowboy Ranch, 82.28 42 uP	P		10 31 44.8 0.0	
CU1A	Cedar City 82.30 45 eP	P		10 31 45.2 +0.2	
H06A	Lindquist Farm 82.30 36 P	P		10 31 43.9 -0.9	
I07A	Izeze 82.36 37 uP	P		10 31 45.1 0.0	
P12A	McGill 82.37 43 uP	P		10 31 44.7 -0.6	
ARUT	Antelope Range 82.38 45 eP	P		10 31 45.5 +0.1	
F05A	White Salmon 82.42 35 uP	P		10 31 44.6 -0.8	
G06A	Carlson Farm, 82.45 36 uP	P		10 31 45.6 0.0	
J08A	Circle Bar Ran 82.50 38 P	P		10 31 45.8 0.0	
D04A	Dobbs Creek Ra 82.52 33 uP	P		10 31 47.5 +1.6	
K09A	Rome 82.53 39 uP	P		10 31 47.7 +1.6	
M10A	LL Ranch, Tu 82.54 40 uP	P		10 31 46.3 +0.1	
S14A	Cedar City 82.54 45 uP	P		10 31 47.4 +1.1	
WUAZ	Wupatki 82.55 48 eP	P		10 31 46.8 +0.5	
WUAZ	Wupatki 82.55 48 uP	P		10 31 46.8 +0.4	
N11A	Elko Archery C 82.62 41 uP	P		10 31 47.0 +0.4	
E05A	Randle 82.70 34 uP	P		10 31 46.9 +0.1	
F06A	Goldendale 82.71 35 uP	P		10 31 47.3 +0.3	
I08A	Drewsey 82.78 38 uP	P		10 31 47.3 -0.1	
B04A	Port Angeles 82.80 32 uP	P		10 31 48.1 +0.7	
C04A	Brinnon 82.84 33 uP	P		10 31 47.7 +0.1	
J09A	Fry Pan Ranch, 82.91 38 uP	P		10 31 47.9 -0.1	
L10A	Juniper Basin 82.91 40 uP	P		10 31 47.6 -0.5	
O12A	Currie 82.93 42 uP	P		10 31 48.5 +0.3	
M11A	Holland Ranch, 82.94 41 uP	P		10 31 48.7 +0.4	
D05A	Enumclaw 82.99 34 uP	P		10 31 49.3 +0.1	
G07A	Ruggs Ranch, H 83.00 36 uP	P		10 31 49.0 +0.6	
N12A	Clover Valley, 83.08 42 uP	P		10 31 49.0 0.0	
K10A	MacKenzie Ranc 83.08 39 P	P		10 31 48.5 -0.4	
H08A	Prairie City 83.10 37 uP	P		10 31 49.2 +0.2	
E06A	Yakima 83.10 34 uP	P		10 31 49.6 +0.6	
F07A	Phinny Hill Vi 83.26 35 uP	P		10 31 49.5 -0.3	
I09A	Lost Marbles R 83.29 38 uP	P		10 31 50.5 +0.5	
L11A	Cat Creek Ranc 83.39 40 uP	P		10 31 51.2 +0.7	
G08A	Pilot Rock 83.41 36 uP	P		10 31 50.2 -0.3	
M12A	Wells 83.47 41 P	P		10 31 51.2 +0.2	
C05A	Tolt Reservoir 83.48 33 uP	P		10 31 50.0 -0.8	
J10A	Berg Farm, Mel 83.53 39 P	P		10 31 50.6 -0.6	
SLKM	Skilak Lake 83.55 12 eP	P		10 31 50.9 0.0	
D06A	Cle Elum 83.59 34 uP	P		10 31 51.2 -0.2	
N13A	Wendover, West 83.60 42 P	P		10 31 52.0 +0.3	
MSU	Marysville 83.61 45 eP	P		10 31 52.6 +0.8	
A04A	Legoe Bay, Lum 83.64 32 uP	P		10 31 51.8 +0.1	
B05A	Bryant 83.64 33 uP	P		10 31 52.4 +0.7	
E07A	Sunnyside 83.71 35 P	P		10 31 51.9 -0.2	
H09A	Durkee 83.75 37 P	P		10 31 52.1 -0.3	
HAWA	Hanford 83.78 35 eP	P		10 31 52.1 -0.3	
F08A	Pendleton 83.82 36 uP	P		10 31 52.6 0.0	
L12A	House Creek Ra 83.83 41 P	P		10 31 53.2 +0.4	
I10A	Payette 83.90 38 uP	P		10 31 53.0 -0.1	
M13A	Montello 83.91 42 P	P		10 31 52.9 -0.3	
CN2	Changchun 83.98 321 eP	P		10 31 50.8 -2.7	
C06A	Tall Timber Ra 84.03 33 uP	P		10 31 52.8 -0.9	
D07A	Quincy 84.05 34 uP	P		10 31 53.2 -0.6	
BMO	Blue Mountains 84.07 37 P	P		10 31 52.3 -1.6	
MFID	Camas Ranch 84.08 39 P	P		10 31 53.9 -0.2	
E08A	Dider Farm, El 84.10 35 uP	P		10 31 54.3 +0.3	
DUG	Dugway 84.11 43 eP	P		10 31 53.5 -0.8	
DUG	Dugway 84.11 43 uP	P		10 31 53.1 -1.2	
B06A	Marblemount 84.12 33 uP	P		10 31 53.9 -0.2	
A05A	Maple Falls 84.13 32 uP	P		10 31 53.7 -0.5	
K12A	Draper Farm, C 84.18 40 uP	P		10 31 54.4 -0.2	
H10A	Noah's Angus R 84.23 38 P	P		10 31 53.8 -1.0	
F09A	S2 Ranch, Elgi 84.25 36 uP	P		10 31 54.8 -0.1	
I11A	Placerville 84.29 39 P	P		10 31 54.9 -0.3	
C07A	Waterville 84.32 34 uP	P		10 31 54.9 -0.3	
J12A	Stokes Ranch, 84.42 40 P	P		10 31 55.5 -0.3	
L13A	Double Diamond 84.45 41 uP	P		10 31 55.7 -0.2	
NLU	North Lily Min 84.45 44 eP	P		10 31 56.1 0.0	
A06A	Chilliwack 84.50 32 uP	P		10 31 56.7 +0.7	
D08A	Wollman Farm, 84.53 35 P	P		10 31 55.5 -0.8	
E09A	Wood Farm, Sta 84.56 36 P	P		10 31 56.0 -0.7	
TMUT	Trail Mountain 84.67 45 eP	P		10 31 57.6 +0.5	
K13A	Stover Farm, H 84.68 41 P	P		10 31 57.5 +0.4	
MA2	Magadan 84.70 343 eP	P		10 31 57.2 +0.4	
MA2	Magadan 84.70 343 eP	P		10 31 57.9 +1.1	
H11A	Donnelly 84.72 38 P	P		10 31 56.5 -0.7	

PMR	Palmer 84.75 12 eP	P		10 31 57.6 +0.6	
PMR	Palmer 84.75 12 eP	P		10 31 57.6 +0.6	
PMR	comp=Z,10.0nm,1.0s,mb4.9	emax	pmax		
MPU	Maple Canyon 84.77 44 eP	P		10 31 57.2 -0.4	
B07A	Winthrop 84.78 33 uP	P		10 31 57.5 +0.1	
F10A	Baz=85 SNR=E 84.79 37 P	P		10 31 56.8 -0.8	
NOQ	North Oquirrh 84.80 43 eP	P		10 31 58.0 +0.3	
D09A	Jon Farm, Ri 84.86 35 P	P		10 31 57.0 -0.9	
C08A	Higginbotham F 84.91 34 uP	P		10 31 56.4 -1.8	
SPUT	South Promonto 84.95 42 eP	P		10 31 57.8 -0.7	
Y22C	IRIS PASCALLI 84.98 51 uP	P		10 31 58.8 -0.1	
LAZ	Ladron 84.98 50 eP	P		10 31 59.3 +0.4	
G11A	Walters Elk Ra 84.99 37 uP	P		10 31 58.2 -0.4	
LENM	Lenitor 84.99 51 eP	P		10 31 59.0 +0.2	
MNTX	Cornudas Moun 84.99 54 eP	P		10 31 58.0 -0.9	
HLID	Hailey 85.00 40 eP	P		10 31 58.2 -0.5	
HLID	comp=Z,36nm,1.1s,mb5.4	emax	pmax		
HLID	Hailey 85.00 40 P	P		10 31 58.6 -0.1	
HVU	Hansel Valley 85.01 42 eP	P		10 31 58.3 -0.5	
HVU	Hansel Valley 85.01 42 eP	P		10 31 58.3 -0.5	
HVU	comp=Z,19nm,0.9s,mb5.2	emax	pmax		
A07A	Ashnola River, 85.02 33 uP	P		10 31 57.8 -0.8	
SRU	San Rafael 85.02 45 eP	P		10 31 58.4 -0.5	
SRU	San Rafael 85.02 45 eP	P		10 31 58.4 -0.5	
SRU	comp=Z,36nm,0.9s,mb5.5	emax	pmax		
J13A	Cove Ranch, Pi 85.05 40 P	P		10 31 59.4 +0.5	
CTU	Camp Tracy 85.06 43 eP	P		10 31 58.6 -0.4	
B08A	Colvie Reser 85.12 34 uP	P		10 31 57.1 -2.0	
E10A	Myers Farm, Un 85.16 36 uP	P		10 31 57.6 -1.8	
K14A	Jones Ranch, D 85.18 41 uP	P		10 31 59.4 -0.3	
JLU	Jordanelle 85.21 43 eP	P		10 31 58.9 -0.9	
LTX	Lajitas 85.22 56 eP	P		10 32 00.4 +0.3	
LTX	Lajitas 85.22 56 eP	P		10 32 00.4 +0.3	
LTX	comp=Z,23nm,1.3s,mb5.1	emax	pmax		
LTX	Lajitas 85.22 56 eP	P		10 32 00.4 +0.3	
LTX	comp=Z,23nm,1.3s,mb5.2	emax	pmax		
TXAR	Lajitas Array 85.22 56 P	P		10 31 59.3 -0.9	
TXAR	comp=Z,7.3nm,1.0s,mb4.8,baz=2.16,slow=6.2,SNR=9.6	emax	pmax		
DAU	Daniel Canyon 85.23 44 P	P		10 32 00.9 +1.0	
BNM	Barren Site 85.23 51 eP	P		10 31 59.3 -0.8	
H12A	Diamond D Ranc 85.31 39 P	P		10 31 59.9 -0.3	
LPM	Los Pinos Moun 85.31 51 eP	P		10 32 01.1 +0.6	
F11A	Los Pinos Moun 85.34 37 uP	P		10 31 58.8 -1.6	
I13A	Wildhorse Cree 85.38 40 P	P		10 32 00.4 -0.2	
D10A	Wagner Farm, O 85.41 36 uP	P		10 31 58.9 -1.8	
A08A	Turner Farm, O 85.52 33 P	P		10 32 00.7 -0.4	
E11A	Bogner Ranch, 85.59 37 uP	P		10 32 00.6 -1.0	
PV10	Paradox Valley 85.63 46 eP	P		10 32 01.3 -0.7	
H13A	Challis 85.67 39 P	P		10 32 02.1 +0.1	
HWUT	Hardware Ranch 85.67 42 eP	P		10 32 02.6 +0.5	
HWUT	comp=Z,55nm,1.6s,mb5.3	emax	pmax		
ANMO	Albuquerque 85.74 50 eP	P		10 32 02.6 0.0	
ANMO	Albuquerque 85.74 50 eP	P		10 32 02.6 0.0	
ANMO	comp=Z,30nm,1.1s	emax	pmax		
B09A	Rice 85.78 34 uP	P		10 32 01.3 -1.2	
PV01	Paradox Valley 85.83 47 eP	P		10 32 02.5 -0.5	
C10A	Spiral Farm, 85.85 35 uP	P		10 32 01.4 -1.5	
A09A	Danville 85.89 34 uP	P		10 32 02.1 -0.9	
D11A	Klavano Farm, 85.92 36 P	P		10 32 02.2 -1.0	
G13A	Cobalt 85.98 38 uP	P		10 32 03.1 -0.5	
GDL2	Guadalupe Moun 85.99 54 eP	P		10 32 04.6 +0.6	
B10A	Chitwood Farm, 86.19 35 uP	P		10 32 04.8 +0.3	
NEW	Newport 86.23 35 eP	P		10 32 05.6 +0.9	
NEW	Newport 86.23 35 eP	P		10 32 05.6 +0.9	
NEW	comp=Z,14nm,1.1s	emax	pmax		
TNA	Tin City 86.25 3 eP	P		10 32 05.4 +1.0	
F13A	Darby 86.32 38 uP	P		10 32 04.5 -0.7	
A10A	Northport 86.43 34 uP	P		10 32 04.8 -0.9	
SKAG	Skagway 86.44 19 eP	P		10 32 07.6 +2.2	
G14A	Jackson 86.52 39 uP	P		10 32 06.6 +0.4	
MCMT	McKenzie Canyo 86.64 39 eP	P		10 32 09.6 +2.8	
B11A	Sandpoint 86.73 35 uP	P		10 32 06.8 -0.3	
MCK	McKinley 86.75 11 eP	P		10 32 07.7 +0.9	
MCK	McKinley 86.75 11 eP	P		10 32 07.7 +0.8	
MCK	comp=Z,5.0nm,0.9s,mb4.7	emax	pmax		
E13A	Victor 86.78 37 uP	P		10 32 07.6 +0.2	
F14A	Wisdom 86.89 38 uP	P		10 32 09.0 +1.0	
D13A	Huson 87.00 37 uP	P		10 32 07.8 -0.7	
A11A	Hall Mountain, 87.05 34 uP	P		10 32 08.6 0.0	
G15A	Dillon 87.05 39 uP	P		10 32 08.9 +0.1	
E14A	Clinton 87.16 38 uP	P		10 32 09.7 +0.4	
B12A	Libby 87.17 35 uP	P		10 32 08.9 -0.4	
SEY	Seymchan 87.20 346 eP	P		10 32 09.2 +0.1	
SEY	Seymchan 87.20 346 eP	P		10 32 09.1 0.0	
C13A	Hot Springs				



**BRTR Keskin Array B 148.41 314** PKPbc PKPbc 11 24 19.5 -0.1  
 0.5m,0.7s,baz=197,slow=33,SNR=3.7

**GERES GERES Array B 150.74 347** PKPbc PKPbc 11 24 24.6 -0.4  
 0.6m,0.7s,baz=0.0,slow=2.3,SNR=3.2

**GERES** 0.9m,0.7s,baz=319,slow=5.9,SNR=4.1 PKPab PKPab 11 24 32.4 +0.5

**CSEM 05 11:15:42.8-0.8,4125N,154E,h6km±11km,mb3.6/2, Error ellipse: s-maj=8.3km s-min=4.2km az=148.0, After MDD, Spain**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	s	ISC	Time	Res
EPOB	Poblet	0.37	287	Pg	Pg	11	15	49.6	-0.3	
EPOB				Lg		11	15	54.8		
EMIR	Miracle	0.67	359	Pg	Pg	11	15	53.8	-1.8	
EMIR				Lg		11	16	05.0		
ERTA	0.9m,0.2s,SNR=4.6	0.96	253	Pg	Pg	11	16	01.2	0.0	
ERTA	0.9m,0.3s,SNR=5-8			Lg		11	16	14.9		
EJON	La Jonquera	1.56	39	Pn	Pn	11	16	09.4	-1.7	
EJON	0.8m,0.3s,SNR=21	1.56	39	Pg	Pg	11	16	12.2	-0.6	
EJON	1.5m,0.5s,SNR=7.9			Lg		11	16	34.8		
ESAC	San Caprasio	1.58	288	Pn	Pn	11	16	10.7	-0.7	
ESAC	5.2m,0.3s,SNR=7.9			Lg		11	16	32.9		
EMOS	13m,0.2s,SNR=7.9	1.77	241	Lg		11	16	38.0		
EBIE	Mosqueruela	1.78	324	Pg	Pg	11	16	16.2	-0.7	
EBIE	0.2m,0.1s,SNR=7.9			Lg		11	16	39.5		
EBIE	1.1m,0.6s,SNR=7.9			Lg		11	16	39.5		

**KRSC 05 11:16:58.7-0.6,5045N,15727E,h5km±5km,ML3.6,Kuril Islands**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	s	ISC	Time	Res
ALID	Alaid	1.17	292	eP	Pg	11	17	19.7	-1.5	
ALID				eS	Sg	11	17	34.3	-2.1	
MIPR	Malaya Ipe'l'ka	1.86	350	eP	Pg	11	17	32.5	+1.4	
MIPR				eS	Sn	11	17	57.1	+2.2	
RUS	Russkaya	2.13	21	iP	Pn	11	17	36.5	+1.6	
RUS				iS	Sn	11	18	04.7	+2.9	
GRL	Gorelyy	2.16	13	iP	Pn	11	17	38.0	+2.6	
GRL				iS	Sn	11	18	06.8	+4.3	
PET	Petrovlovsk	2.72	18	eP	Pn	11	17	45.0	+2.0	
PET				iS	Sn	11	18	19.2	+3.0	
AVH	Avacha	2.96	17	eP	Pn	11	17	49.3	+3.0	
AVH				eS	Sn	11	18	05.7	+2.5	
NLC	Nalychchevo	3.01	24	eP	Pn	11	17	47.6	+0.6	
NLC				iS	Sn	11	18	23.4	+1.8	
SPN	Mys Shipunski	3.15	32	eP	Pn	11	17	50.8	+1.8	
SPN				iS	Sn	11	18	28.5	+1.5	
GAN	Ganal	3.28	7	eP	Pn	11	17	53.1	+2.5	
MKZ	Mys Kozlova	4.93	32	eP	Pn	11	18	13.9	+0.5	
MKZ				eS	Sn	11	19	09.5	-1.2	
KBTR	Krutoberegovo	6.66	28	P	Pn	11	18	37.8	+0.8	

**ISCJB 05 11:30:57.4-0.8,4770N,005°1620E,007,h12km±8km, Error ellipse: s-maj=10.1km s-min=5.8km az=146.1**

**VIE 05 11:30:58.0-0.3,4772N,1620E,h8km±5km,mb 1.6/2, ML2.1/4, Error ellipse: s-maj=2.2km s-min=1.6km az=161.0, 9 km E of Neunkirchen felt 3-4 EMS98 at Pitten / LOWER AUSTRIA**

**ISC 05 11:30:58.1-0.8,4771N,006°1621E,007,h13km±8km,n10, 0°57116,6C-4D,Austria**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	s	ISC	Time	Res
CONA	Conrad Observa	0.32	313	iP	Pg	11	31	04.5	-0.2	
CONA	17m,0.2s			iS	Sg	11	31	08.9	-0.3	
ARSA	Arzberg	0.65	226	iP	Pg	11	31	10.6	-0.2	
ARSA	comp=Z,1.3m,0.1s			iS	Sg	11	31	19.0	-0.5	
ARSA	comp=E,6.6m,0.1s	0.65	226	iP	Pg	11	31	10.6	-0.2	
ARSA	1.3m,0.1s			iS	Sg	11	31	19.0	-0.5	
ARSA	6.6m,0.1s			iS	Sg	11	31	19.0	-0.5	
ZST	Bratislava	0.77	50	eP	Pg	11	31	13.1	+0.0	
ZST				eS	Sg	11	31	23.4	+0.2	
MODS	Modra-Piesok	0.98	47	eP	Pn	11	31	16.6	-0.8	
MODS				eS	Sn	11	31	32.5	-0.9	
MODS	Modra-Piesok	0.98	47	eS	Pn	11	31	32.5	-0.9	
MODS				eP	Pg	11	31	23.4	-0.1	
MOA	Molin	1.32	277	iP	Pg	11	31	23.4	-0.1	
MOA	comp=Z,0.7m,0.1s			iS	Sg	11	31	41.5	+0.9	
MOA	comp=N,3.6m,0.1s	1.32	277	iP	Pg	11	31	23.4	-0.1	
MOA	0.7m,0.1s			iS	Sg	11	31	41.5	+0.9	
MOA	3.6m,0.1s			iS	Sg	11	31	41.5	+0.9	
VYHS	Vyhne	1.93	65	eP	Pn	11	31	32.4	+1.9	
VYHS				e	Sn	11	31	37.4		
VYHS	Vyhne	1.93	65	eS	Pn	11	31	54.6	+0.1	
VYHS				e	Sn	11	32	03.0		

**ISCJB 05 11:43:59.5-0.4,4083N,002°2742E,002,h6km±3km, Error ellipse: s-maj=3.2km s-min=2.6km az=17.3**

**CSEM 05 11:43:59.8-0.1,4079N,2744E,h10km,MD3.4, Error ellipse: s-maj=1.6km s-min=1.0km az=19.0**

**ISK 05 11:43:59.9,4076N,2742E,h12km,MD3.1**

**SOF 05 11:43:59.1,4078N,2733E,h7km,MD2.8**

**NEIC 05 11:43:59.9,4077N,2741E,h11km,MD3.7(ATH), ML3.1(ISK),ML2.5(BUC),After ISK**

**THE 05 11:43:59.6,4098N,2739E,h3km**

**ATH 05 11:44:00.3,4095N,2738E,h37km,17km,MD3.7/3**

**DDA 05 11:44:01.1,4079N,2738E,h6km±1km,MD3.4**

**SKO 05 11:44:07.6,4106N,2709E,h22km**

**ISC 05 11:44:00.2-0.4,4080N,002°2742E,002,h7km±3km,n121, 0°859/154,5C-3D,Turkey**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	s	ISC	Time	Res
SART	Tekirdag	0.21	238	iP	Pg	11	44	04.7	+0.2	
SART				eS	Sg	11	44	17.2	+0.1	
RKY	Sarkoy-Tekirda	0.22	238	iP	Pg	11	44	04.7	+0.2	
RKY				iS	Sg	11	44	07.7	+0.3	
RKY	Sarkoy-Tekirda	0.22	238	Pg	Pg	11	44	04.6	+0.1	
RKY				Sg	Sg	11	44	07.6	+0.2	
RKY	Sarkoy-Tekirda	0.22	238	Pg	Pg	11	44	04.6	+0.1	
RKY				Sg	Sg	11	44	07.7	+0.3	
MRMT	Marmara Adasi	0.24	146	iP	Pg	11	44	04.2	-0.8	
MRMT				iS	Sg	11	44	07.5	-0.7	
MRMT	Marmara Adasi	0.24	146	iP	Pg	11	44	04.2	-0.8	
MRMT				iS	Sg	11	44	07.5	-0.7	
EDC	Edincik	0.57	143	Pg	Pg	11	44	11.2	0.0	
EDC				iS	Sg	11	44	11.2	0.0	
EDC	Edincik	0.57	143	iP	Pg	11	44	11.2	0.0	
BNT	Bandirma	0.59	139	iP	Pg	11	44	11.4	-0.2	
BNT				iS	Sg	11	44	19.3	+0.1	
BNT	Bandirma	0.59	139	Pg	Pg	11	44	11.4	-0.2	
LPK	Lapseki	0.66	230	Pg	Pg	11	44	12.8	-0.1	
LPK				Pg	Pg	11	44	12.4	-0.5	
CTT	Catalca	0.84	66	Pg	Pg	11	44	17.2	+0.8	
CTT				Pg	Pg	11	44	17.2	+0.9	
CTT	Catalca	0.84	66	Pg	Pg	11	44	17.2	+0.8	
KCT	Karacabey	0.90	127	Pg	Pg	11	44	17.4	0.0	
KCT				Pg	Pg	11	44	17.4	0.0	
KCT	Karacabey	0.90	127	eP	Pg	11	44	17.4	0.0	
ENEZ	Enez	0.96	266	Pg	Pg	11	44	18.7	0.0	
ENEZ				eP	Pg	11	44	18.7	0.0	
ENEZ	Alexandroupoli	1.04	276	Pg	Pg	11	44	20.2	0.2	
ALN				eS	Sg	11	44	33.7	-0.2	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	s	ISC	Time	Res
ALN	Alexandroupoli	1.04	276	eP	Pg	11	44	20.1	-0.2	
ALN				eS	Sg	11	44	33.7	-0.1	
BTKO	Tokmak	1.14	156	iP	Pg	11	44	21.3	-0.8	
BTKO				iS	Sg	11	44	37.4	+0.5	
EDRB	Edirne	1.16	334	Pn	Pn	11	44	23.2	+0.3	
EDRB				Pn	Pn	11	44	23.5	+0.4	
EDRB	Edirne	1.16	334	eP	Pn	11	44	23.2	+0.3	
EDRB				Pn	Pn	11	44	23.3	+0.3	
ISK	Istanbul-Kandi	1.27	78	Pn	Pn	11	44	23.7	-0.7	
ISK				Pn	Pn	11	44	24.0	-0.4	
ISK	Istanbul-Kandi	1.27	78	eP	Pg	11	44	23.6	-1.0	
ISK				eS	Sg	11	44	31.1	+0.2	
ISK	Istanbul-Kandi	1.27	78	Pn	Pn	11	44	24.0	-0.4	
ISK				Pn	Pn	11	44	24.1	-0.1	
ISK	Istanbul-Kandi	1.27	78	eP	Pg	11	44	23.6	-1.0	
ISK				eS	Sg	11	44	31.1	+0.2	
EZN	Ezine	1.28	221	Pn	Pn	11	44	23.6	-1.0	
EZN				Pn	Pn	11	44	23.6	-0.9	
EZN	Ezine	1.28	221	Pn	Pn	11	44	23.5	-1.0	
EZN				Pn	Pn	11	44	24.3	-0.6	
KLYT	Kilyos	1.31	69	eP	Pn	11</				

5d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOLP Bolinao, SCZP Santa Cruz, BCPH Baguio City Da, etc.

TEH 05 12:02:03.1, 3132N-5677E, h2km, ML3.6
ISCJB 05 12:03:03.7, 1.8, 3126N, 010.5675E, 006, h3km, 11km,
Error ellipse: s-maj=17.5km s-min=6.6km az=161.2

CSEM 05 12:03:04.0, 0.2, 3134N-5674E, h10km, ML3.6, Error
ellipse: s-maj=6.2km s-min=1.8km az=170.0

ISC 05 12:03:03.1, 9, 3111N-01.5677E, 006, h8km, 13km, n24,
e1509/27, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IBAF Bafgh, IMEH Mehruz, ICHK Chekchek, etc.

ISCJB 05 12:18:47.5, 1.2, 2983N, 004.3624E, 008, h0km, Error
ellipse: s-maj=9.4km s-min=5.8km az=0.8

CSEM 05 12:18:49.0, 0.3, 2978N, 36.12E, h2km, ML2.5, Error
ellipse: s-maj=6.1km s-min=4.0km az=89.0, Mining
explosion.

GII 05 12:18:49.3, 0.6, 2991N, 36.14E, h0km, 12km, ML2.5/1
SGS 05 12:18:52.1, 2979N-3606E, h6km

ISC 05 12:18:47.1, 3, 2982N, 004.3628E, 008, h0km, n25,
e073/32, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AQBQ Agaba, HRFI Mount Harif, EIL Elat, etc.

ICI 05 12:36:45.0, 0.9, 095S, 12682E, h0km, mb4.3/9,
mb1.4/3.0, mb1mx4.2/19, mbtmp4.3/10, ML3.6/1, Error
ellipse: s-maj=38.4km s-min=15.7km az=71.0

ISCJB 05 12:36:47.3, 0.5, 097S, 007.1269E, 02, h33km, mb4.4/13,
Error ellipse: s-maj=25.1km s-min=7.8km az=163.8

MOS 05 12:36:47.0, 1.3, 099S, 12673E, h33km, mb4.6/8, Error
ellipse: s-maj=31.6km s-min=14.2km az=105.4

NEIC 05 12:36:48.0, 7.9, 096S, 12678E, h20km, 59km, mb4.5/4,
Error ellipse: s-maj=25.3km s-min=16.1km az=77.0

BUI 05 12:36:48.0, 1.00S, 12680E, h20km, mb5.1, mb4.6

ISC 05 12:36:49.8, 0.5, 097S, 007.1269E, 02, h35km, n35,
e118/33, mb4.4/13, Southern Molucca Sea

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

2007 FEB

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, COEN Port Moresby, JOW Kunigami, etc.

NEIC 05 13:10:12.8, 6217N, 14808W, h15km, ML3.5(PMR),
ML3.1(AEIC), After AEIC, Central Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SML Sawmill, GHO Glory Hole Cre, PMR Palmer, etc.

CSEM 05 13:10:27.4, 0.1, 4305N, 1355E, h15km, ML3.5/8, Error
ellipse: s-maj=2.0km s-min=1.2km az=60.0

ISCJB 05 13:10:28.4, 0.3, 4307N, 002.1356E, 003, h24km, 4km,
Error ellipse: s-maj=4.5km s-min=3.5km az=149.4

ROM 05 13:10:28.5, 0.3, 4305N, 1353E, h10km, 4km, Mds, 0/26,
Ml2, 8/21, Error ellipse: s-maj=3.3km s-min=3.2km
az=123.0

NEIC 05 13:10:28.5, 4305N, 1353E, h10km, ML3.2(LDG),
ML2.8(POM), After POM.

LDG 13:10:30.9, 0.2, 4313N, 1350E, h10km, Ml3.2/7, Error
ellipse: s-maj=5.6km s-min=3.8km az=93.0

ISC 05 13:10:28.4, 0.3, 4306N, 002.1355E, 003, h18km, 3km,
n110, e190/1150, 14d, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFFI Offida, TRTR Torretto Alta, CING Cingoli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASS Assisi, VCEL Villa Cellera, AQU L'Aquila, etc.



IGQ 05 13:13:10.9,280S:7847W,h118km,6km,Mb4.1,M3.9, 2C-9D, Error ellipse: s-maj=8.2km s-min=4.9km az=59.2, Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like ARRAY, PATACOCCHA, IGUALATA, etc.

IDC 05 13:16:02.6:6.2, 1997S:17820W, h561km, 73km, mb2.9/4, mb1.3, 2.5, mb1mx3.0/13, mbtmp2.9/5, Error ellipse: s-maj=119.6km s-min=30.3km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like DZM, STKA, WRA, etc.

IS/CJB 05 13:34:02.9:0.7, 465N:155.9E, h33km, mb3.9/15, Error ellipse: s-maj=16.5km s-min=9.1km az=148.0

MOS 05 13:34:02.6:1.3, 466N:155.89E, h28km, mb4.2/8, Error ellipse: s-maj=17.1km s-min=11.4km az=81.7

IDC 05 13:34:06.4:4.8, 4637N:156.06E, h51km, 46km, mb3.5/10, mb1.3, 8/12, mb1mx3.6/24, mbtmp3.5/12, ML3.4/1, Error ellipse: s-maj=29.7km s-min=17.6km az=153.0

ISC 05 13:34:05.3:0.5, 465N:156.0E, h35km, n26, +0.96/26, mb3.9/15, East of Kuril Islands

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like SKR, KUR, PET, etc.

BUI 05 13:35:15.5, 4660N:156.00E, h5km, mb4.8, mb4.6, Ms4.3, Msz4.0

IDC 05 13:35:16.0:0.6, 4648N:156.11E, h0km, mb4.3/19, mb1.4, 5/21, mb1mx4.5/24, mbtmp4.3/21, ML3.8/2, MS3.8/8, Ms1.3, 8/8, ms1mx3.5/20, Error ellipse: s-maj=19.3km s-min=13.2km az=154.0

ISCJB 05 13:35:17.8:0.2, 4668N:156.11E, h0km, h17km, mb4.7/106, MS4.1/22, Error ellipse: s-maj=7.6km s-min=2.6km az=177.8

GCMT 05 13:35:18.1±0.2, 4673N:156.18E, h14km, 1km, MW4.7/60, Moment Tensor Solution. s8-c8; s60, c81; Duration: 0 Moment tensor: Scale 1016Nm; Mr=1.48±.15; Mw=0.92±.09; Mw0.55±.08; Mw0.69±.19; Mw0.48±.04; Mw0.06±.21; Best double couple: Mo1.526000/0.16 NP1.9±47.00000°, δ34.00000°, λ-107.00000°. NP2: φ±247.00000°, δ58.00000°, λ-79.00000°. Principal axes: T 1.3830, Pg 12.0000, Azm 329.0000; N 0.2800, P1g9.0000, Azm 21.0000; P -1.6680, P1g75.0000, Azm 187.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 05 13:35:18.2±1.0, 4637N:156.00E, h27km, mb5.0/49, MS4.2/11 Error ellipse: s-maj=7.9km s-min=6.1km az=106.9

NEIC 05 13:35:18.1±0.2, 4658N:156.03E, h10km, mb4.9/58, MS4.4/1, Error ellipse: s-maj=6.7km s-min=3.5km az=174.0

SKHL 05 13:35:20.4:2.9, 4677N:155.89E, h43km, 9km, mb5.0/5,

Ms4.5/2 SZGRF 05 13:35:25.8, 4691N:155.51E, h33km, mb5.0, East of Kuril Islands, Russia

ISC 05 13:35:19.7:0.2, 4668N:156.00E, h0km, h17km, h17km±1.9km, pp-P, n443, φ077/456, mb4.7/106, MS4.1/22, 86C-60D, East of Kuril Islands

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like SKR, KUR, PET, etc.

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like YAK, SKRS, JNU, etc.



Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like MPMC Manual Prospec, HWUT Hardware Ranch, FURC Furnace Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like AKASG Malin Array Be, AKASG Malin Array B, AKASG Malin Array C, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like LOR Lormes, SSF Saint-Julien, SSF Saint-Sauveur, etc.





Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like MAKANCHI Array, COLA College, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like GADA Gvkgaeda, GADA Gvkgeda, EDC Edincik, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like AAA Alma-Ata, AAA Alma-Ata, KBL Kabul, etc.

NEIC 05 17:47:56.1, 1752N-9899W, h55km, MD3.8(MEX), After MEX

MEX 05 17:47:54.3-1.4, 1738N-9904W, h60km, 33km, MD3.8, Guerrero

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like MEIG Mezcala, MEIG Mezcala, ACX Acapulco, etc.

ATH 05 17:59:38.8, 3860N-2732E, h10km, 1km, MD3.6/5

NEIC 05 17:59:38.8, 3860N-2732E, h10km, MD3.6(ATH), After MEX

ISK 05 17:59:39.0, 3859N-2704E, h6km, MD3.3

CSEM 05 17:59:39.0, 1.0, 3858N-2705E, h8km, MD3.3, Error ellipse: s-maj=2.0km, s-min=1.2km, az=79.0

ISCJB 05 17:59:40.1, 0.6, 3861N-002-2711E, 0.03, h3km, 5km, Error ellipse: s-maj=4.2km, s-min=3.3km, az=172.8

DDA 05 17:59:40.4, 3863N-2711E, h4km, 2km, MD3.4

ISC 05 17:59:40.6, 0.6, 3859N-002-2707E, 0.03, h4km, 5km, n90, 0.90/108, 30, Turkey

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like BLCB Balcovca, BLCB Balcovca, FRU Bishkek, etc.

LDG 05 18:28:53.1-0.2, 4080N-7224E, h10km, Mb4.6/23, Ms3.7/6, Error ellipse: s-maj=8.0km, s-min=5.5km, az=19.0

SZGRF 05 18:28:58.2, 4109N-7286E, h33km, mb4.3, MS4.1, Kyrgyzstan

IDC 05 18:28:59.5, 0.7, 4106N-7224E, h29km, 4km, mb4.1/14, mb1.4, 2/17, mb1mx4.2/22, mbtmp4.1/17, ML4.0/3, MS3.8/12, Ms1.3, 8/12, ms1mx3.6/30, Error ellipse: s-maj=16.7km, s-min=10.1km, az=167.0

ISCJB 05 18:29:00.4, 0.4, 4112N-003-7214E, 0.03, h50km, 4km, mb4.4/5, MS3.8/22, Error ellipse: s-maj=4.5km, s-min=3.9km, az=153.8

NEIC 05 18:29:00.3, 0.2, 4117N-7215E, mb4.5/28, Error ellipse: s-maj=5.4km, s-min=3.6km, az=166.0

BUI 05 18:29:01.1, 4107N-7259E, h30km, mb4.8, mb4.4, ML4.8, Ms4.2, Ms3.9

MOS 05 18:29:01.1, 1.0, 4128N-7220E, h54km, mb4.7/34, Error ellipse: s-maj=7.3km, s-min=5.6km, az=123.9

NNC 05 18:29:01.7, 1.6, 4139N-7229E, h6km, 9km, mb4.7, mpv4.4, Error ellipse: s-maj=13.9km, s-min=5.2km, az=3.0

ISC 05 18:29:02.0, 4.0, 4117N-003-7215E, 0.03, h48km, 4km, h30km, 3.4km, pP, n204, 0.092/230, mb4.4/5, MS3.8/22, GBC-7D, Kyrgyzstan

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like AML Almayshu, AML Almayshu, EKS2 Erkin-Say, etc.

AKTO Aktyubinsk 13.51 318 Pn 18 32 08.8 -2.1

AKTO Aktyubinsk 13.51 318 Pn 18 32 08.8 -2.1

AKTO Aktyubinsk 13.51 318 Pn 18 32 08.8 -2.1

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AKTO Aktyubinsk 13.51 318 Pn 18 32 08.8 -2.1

AKTO Aktyubinsk 13.51 318 Pn 18 32 08.8 -2.1





5d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BLCB, KDAG, IZM, AKS, etc.

ISCJB 05 19:38:22.6:0.4, 3273N.002x11604W.002, h14km, 2km, Error ellipse: s-maj=3.5km s-min=2.7km az=40.1

ECX 05 19:38:23.7:0.7, 3272N.11606W, h2km, 2km, MD2.7, ML2.9

NEIC 05 19:38:23.5, 3270N.11606W, h8km, ML2.9(PAS), ML2.9(ECX), After PAS.

ISC 05 19:38:22.7:0.3, 3272N.002x11605W.002, h15km, 2km, n28, e052/46, 17C-15D, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DVTC, RMX, YUH, CRR, etc.

2007 FEB

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Y14A, 115A, Wickenburg, Sonoran Desert, etc.

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

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NLW, F04A, E05A, A08A, D06A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like M05C, H09A, G05B, HATC, BMO, etc.

5d 20h

2007 FEB

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like S06C San Francisco, S05C Merced, O09A Fish Creek Ran, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NOA comp=Z,6.2nm,0.5s,mb4.9, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MEZF Maizieres J'vi, HAU Hudompre, etc.

IDC 05 20:17:49.45-0.482S-10235E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/18, mbtomp3.7/4, Error ellipse: s-maj=201.1km s-min=30.1km s-az=51.0, Southern Sumatera







Table with columns: UUDB, Ulan-Yde, 4.03 204, eSg, Sg, 22 49 04.8 -1.0, LOS, Limnos, 0.70 231, ePg, Pg, 22 47 23.4 -0.3, CING, Cingoli, 0.41 86, Pg, Pg, 23 17 47.7 -0.4, etc.

Table with columns: LOS, Limnos, 0.70 231, ePg, Pg, 22 47 23.4 -0.3, CING, Cingoli, 0.41 86, Pg, Pg, 23 17 47.7 -0.4, etc.

Table with columns: CESI, 131nm,0.3s, Sg, Sg, 23 17 55.0 +1.9, CING, Cingoli, 0.41 86, Pg, Pg, 23 17 47.7 -0.4, etc.

Table with columns: PVER, Pico Vermelho, LFA, Lagoa do Fogo, PMAT, Coroa da Mata, etc. Includes station names, coordinates, and status.

Table with columns: ECAL, Calabor, 15.63 69 P, Pn, 23 25 14.4 -5.1, etc. Includes station names, coordinates, and status.

Table with columns: SAFT, Sfranbolu, 1.43 77 Pn, Pn, 01 03 51.5 -0.8, etc. Includes station names, coordinates, and status.



6d 1h

KYTH	Kithira	5.35 277	ePn	Pn	01 59 36.0 +1.4
KYTH	Kithira	5.35 277	ePn	Pn	01 59 36.0 +1.4
LIA	Limnos Island	5.39 321	ePn	Pn	01 59 36.2 +1.1
LIA	Limnos Island	5.39 321	ePn	Pn	01 59 36.2 +1.1
LIA	Limnos Island	5.39 321	ePn	Pn	01 59 36.2 +1.1
SLNF	Slenfeh	5.39 30	↑S	Pn	01 59 34.4 +0.7
SLNF	Slenfeh	5.39 90	↑P	Pn	02 00 25.4 -1.2
SLNF	Slenfeh	5.39 90	↑P	Pn	01 59 34.4 +0.7
HWQ	Hawqa	5.42 104	ePn	Pn	01 59 36.2 +0.7
CTT	Catalca	5.42 351	ePn	Pn	01 59 37.7 +2.1
CTT	Catalca	5.42 351	ePn	Pn	01 59 38.5 +2.5
CTT	Catalca	5.42 351	ePn	Pn	01 59 37.7 +2.1
CTT	Catalca	5.42 351	ePn	Pn	01 59 37.7 +2.1
KLYT	Kilyos	5.46 356	ePn	Pn	01 59 38.8 +2.6
KLYT	Kilyos	5.46 356	ePn	Pn	01 59 38.8 +2.6
KLYT	Kilyos	5.46 356	ePn	Pn	01 59 38.8 +2.6
LOS	Limnos	5.47 320	ePn	Pn	01 59 37.4 +0.3
OFRI	'Ofer	5.47 124	Pn	Pn	01 59 37.6 +1.4
OFRI	'Ofer	5.47 124	Pn	Pn	01 59 37.6 +1.4
VLI	Veliai	5.47 282	ePn	Pn	01 59 38.6 +2.3
VLI	Veliai	5.47 282	ePn	Pn	01 59 38.6 +2.3
VLI	Veliai	5.47 282	ePn	Pn	01 59 38.6 +2.3
MMAO	Mount Meron ar	5.54 118	Pn	Pn	01 59 38.4 +1.2
MMAO	Mount Meron ar	5.54 118	Pn	Pn	01 59 38.4 +1.2
MMAO	Mount Meron ar	5.54 118	Pn	Pn	01 59 38.4 +1.2
MMAI	Mount Meron Ar	5.54 118	Pn	Pn	01 59 37.9 +0.7
MMAI	Mount Meron Ar	5.54 118	Pn	Pn	01 59 37.9 +0.7
MMAI	Mount Meron Ar	5.54 118	Pn	Pn	01 59 37.9 +0.7
BTCH	Batrach	5.56 86	↑P	Pn	01 59 36.4 -1.2
BTCH	Batrach	5.56 86	↑P	Pn	01 59 36.4 -1.2
BTCH	Batrach	5.56 86	↑P	Pn	01 59 36.4 -1.2
RCY	Rachaya	5.62 112	ePn	Pn	01 59 39.2 +0.9
ENEZ	Enez	5.63 332	ePn	Pn	01 59 41.5 +3.0
ENEZ	Enez	5.63 332	ePn	Pn	01 59 41.5 +3.0
KSDI	Kefar Szold	5.63 116	Pn	Pn	01 59 39.7 +1.2
KSDI	Kefar Szold	5.63 116	Pn	Pn	01 59 39.7 +1.2
KSDI	Kefar Szold	5.63 116	Pn	Pn	01 59 39.7 +1.2
AOS	Alonnisos	5.66 308	ePn	Pn	01 59 42.5 +3.6
KDZE	Karadeniz Ereo	5.69 14	ePn	Pn	01 59 41.3 +2.0
KDZE	Karadeniz Ereo	5.69 14	ePn	Pn	01 59 41.3 +2.0
SLTI	Saf'it	5.74 127	Pn	Pn	01 59 42.2 +2.2
SLTI	Saf'it	5.74 127	Pn	Pn	01 59 42.2 +2.2
SLTI	Saf'it	5.74 127	Pn	Pn	01 59 42.2 +2.2
CANT	Cankiri	5.75 32	ePn	Pn	01 59 40.6 +0.5
CANT	Cankiri	5.75 32	ePn	Pn	01 59 40.6 +0.5
DRWC	Darouich	5.77 80	↑S	Pn	02 00 34.0 -1.3
DRWC	Darouich	5.77 80	↑S	Pn	02 00 34.0 -1.3
DRWC	Darouich	5.77 80	↑S	Pn	02 00 34.0 -1.3
DRWC	Darouich	5.77 80	↑S	Pn	02 00 34.0 -1.3
ALN	Alexandroupoli	5.81 332	ePn	Pn	01 59 43.6 +2.7
BNN	Bunyan	5.83 57	ePn	Pn	01 59 41.4 +0.2
BNN	Bunyan	5.83 57	ePn	Pn	01 59 41.4 +0.2
BNN	Bunyan	5.83 57	ePn	Pn	01 59 41.4 +0.2
BNN	Bunyan	5.83 57	ePn	Pn	01 59 41.4 +0.2
MMLI	Mount Malkishu	5.87 123	Pn	Pn	01 59 43.1 +1.3
MMLI	Mount Malkishu	5.87 123	Pn	Pn	01 59 43.1 +1.3
MMLI	Mount Malkishu	5.87 123	Pn	Pn	01 59 43.1 +1.3
MMLI	Mount Malkishu	5.87 123	Pn	Pn	01 59 43.1 +1.3
CORM	Corum	5.90 41	ePn	Pn	01 59 42.8 -2.4
CORM	Corum	5.90 41	ePn	Pn	01 59 42.8 -2.4
CORM	Corum	5.90 41	ePn	Pn	01 59 42.8 -2.4
CORM	Corum	5.90 41	ePn	Pn	01 59 42.8 -2.4
MARH	Ras Al Marh	5.92 105	↑P	Pn	01 59 43.2 +0.8
MARH	Ras Al Marh	5.92 105	↑P	Pn	01 59 43.2 +0.8
MARH	Ras Al Marh	5.92 105	↑P	Pn	01 59 43.2 +0.8
MARH	Ras Al Marh	5.92 105	↑P	Pn	01 59 43.2 +0.8
SAFT	Safranbulu	5.95 23	ePn	Pn	01 59 44.3 +1.5
SAFT	Safranbulu	5.95 23	ePn	Pn	01 59 44.3 +1.5
SAFT	Safranbulu	5.95 23	ePn	Pn	01 59 44.3 +1.5
SAFT	Safranbulu	5.95 23	ePn	Pn	01 59 44.3 +1.5
AMAG	Maghara	5.96 149	Pn	Pn	01 59 44.5 +1.5
LKR	Lokris	5.99 300	ePn	Pn	01 59 45.7 +2.2
LKR	Lokris	5.99 300	ePn	Pn	01 59 45.7 +2.2
LKR	Lokris	5.99 300	ePn	Pn	01 59 45.7 +2.2
LKR	Lokris	5.99 300	ePn	Pn	01 59 45.7 +2.2
LTBO	Tobruq	6.02 233	↑P	Pn	01 59 46.7 +2.8
LTBO	Tobruq	6.02 233	↑P	Pn	01 59 46.7 +2.8
LTBO	Tobruq	6.02 233	↑P	Pn	01 59 46.7 +2.8
LTBO	Tobruq	6.02 233	↑P	Pn	01 59 46.7 +2.8
SOR	Mayadein	6.01 167	Pn	Pn	01 59 46.4 +2.2
HMVD	Talchebab	6.07 170	Pn	Pn	01 59 46.5 +2.0
TCHB	Talchebab	6.12 119	↑P	Pn	01 59 48.8 +5.5
TCHB	Talchebab	6.12 119	↑P	Pn	01 59 48.8 +5.5
TCHB	Talchebab	6.12 119	↑P	Pn	01 59 48.8 +5.5
TCHB	Talchebab	6.12 119	↑P	Pn	01 59 48.8 +5.5
NEO	Neokhori	6.16 307	ePn	Pn	01 59 47.0 +1.2
NEO	Neokhori	6.16 307	ePn	Pn	01 59 47.0 +1.2
NEO	Neokhori	6.16 307	ePn	Pn	01 59 47.0 +1.2
NEO	Neokhori	6.16 307	ePn	Pn	01 59 47.0 +1.2
HNAT	Natronun	6.21 172	Pn	Pn	01 59 48.3 +1.9
FYM	Al Fayyum	6.21 168	Pn	Pn	01 59 48.2 +1.8
AYT	Al 'Ayyat	6.21 167	Pn	Pn	01 59 49.3 +2.7
XOR	Xorichit	6.22 307	ePn	Pn	01 59 49.2 +2.7
RDO	Rodhopi	6.22 330	ePn	Pn	01 59 47.6 +1.0
RDO	Rodhopi	6.22 330	ePn	Pn	01 59 47.6 +1.0
RDO	Rodhopi	6.22 330	ePn	Pn	01 59 47.6 +1.0
RDO	Rodhopi	6.22 330	ePn	Pn	01 59 47.6 +1.0
PAIG	Paliouri	6.24 313	ePn	Pn	01 59 47.6 +1.0
GAZ	Gaziantep	6.28 75	ePn	Pn	01 59 46.7 +0.7
KZIT	Kziot	6.31 139	Pn	Pn	01 59 49.6 +1.7
KZIT	Kziot	6.31 139	Pn	Pn	01 59 49.6 +1.7
KZIT	Kziot	6.31 139	Pn	Pn	01 59 49.6 +1.7
KZIT	Kziot	6.31 139	Pn	Pn	01 59 49.6 +1.7
ITM	Ithomi	6.34 285	ePn	Pn	01 59 51.1 +2.9
ITM	Ithomi	6.34 285	ePn	Pn	01 59 51.1 +2.9
ITM	Ithomi	6.34 285	ePn	Pn	01 59 51.1 +2.9
ITM	Ithomi	6.34 285	ePn	Pn	01 59 51.1 +2.9
RABH	Abou Rabah	6.37 100	↑P	Pn	01 59 49.1 +0.4
RABH	Abou Rabah	6.37 100	↑P	Pn	01 59 49.1 +0.4
RABH	Abou Rabah	6.37 100	↑P	Pn	01 59 49.1 +0.4
RABH	Abou Rabah	6.37 100	↑P	Pn	01 59 49.1 +0.4
HSAF	As Saff	6.38 165	Pn	Pn	01 59 50.1 +2.2
YTHR	Yathir	6.38 132	Pn	Pn	01 59 50.3 +1.5
YTHR	Yathir	6.38 132	Pn	Pn	01 59 50.3 +1.5
YTHR	Yathir	6.38 132	Pn	Pn	01 59 50.3 +1.5
YTHR	Yathir	6.38 132	Pn	Pn	01 59 50.3 +1.5
DRGO	Dragot	6.39 129	Pn	Pn	01 59 50.8 +1.9
DRGO	Dragot	6.39 129	Pn	Pn	01 59 50.8 +1.9
DRGO	Dragot	6.39 129	Pn	Pn	01 59 50.8 +1.9
DRGO	Dragot	6.39 129	Pn	Pn	01 59 50.8 +1.9
DSI	Dead Sea	6.40 130	Pn	Pn	01 59 51.0 +2.0
DSI	Dead Sea	6.40 130	Pn	Pn	01 59 51.0 +2.0
DSI	Dead Sea	6.40 130	Pn	Pn	01 59 51.0 +2.0
DSI	Dead Sea	6.40 130	Pn	Pn	01 59 51.0 +2.0
EDRB	Edirne	6.44 341	ePn	Pn	01 59 52.6 +3.0
EDRB	Edirne	6.44 341	ePn	Pn	01 59 52.6 +3.0
EDRB	Edirne	6.44 341	ePn	Pn	01 59 52.6 +3.0
EDRB	Edirne	6.44 341	ePn	Pn	01 59 52.6 +3.0
GLL	Jalalah	6.45 163	Pn	Pn	01 59 51.4 +1.6
ROOS	ti_alroos	6.51 102	↑P	Pn	01 59 50.6 0.0
ROOS	ti_alroos	6.51 102	↑P	Pn	01 59 50.6 0.0
ROOS	ti_alroos	6.51 102	↑P	Pn	01 59 50.6 0.0
ROOS	ti_alroos	6.51 102	↑P	Pn	01 59 50.6 0.0
SUZ	Masada	6.52 131	Pn	Pn	01 59 52.7 +1.4
MZDA	Masada	6.56 131	Pn	Pn	01 59 52.7 +1.4
MZDA	Masada	6.56 131	Pn	Pn	01 59 52.7 +1.4
MZDA	Masada	6.56 131	Pn	Pn	01 59 52.7 +1.4
AGG	Agios Georgios	6.63 301	ePn	Pn	01 59 57.1 +4.9
PLG	Polygyros	6.67 315	ePn	Pn	01 59 56.8 +4.0
PLG	Polygyros	6.67 315	ePn	Pn	01 59 56.8 +4.0
PLG	Polygyros	6.67 315	ePn	Pn	01 59 56.8 +4.0
PLG	Polygyros	6.67 315	ePn	Pn	01 59 56.8 +4.0
PLG	Polygyros	6.67 315	ePn	Pn	01 59 56.8 +4.0
KDZ	Kurdzhali	6.80 291	ePn	Pn	01 59 58.0 +2.1
RLS	Riolos of Patr	6.90 291	ePn	Pn	01 59 58.0 +2.1
RLS	Riolos of Patr	6.90 291	ePn	Pn	01 59 58.0 +2.1
RLS	Riolos of Patr	6.90 291	ePn	Pn	01 59 58.0 +2.1
HNKL	Nakhl	6.91 147	Pn	Pn	01 59 57.0 +1.0
EVR	Evyrtania	6.95 299	ePn	Pn	01 59 57.6 +1.0
EVR	Evyrtania	6.95 299	ePn	Pn	01 59 57.6 +1.0
EVR	Evyrtania	6.95 299	ePn	Pn	01 59 57.6 +1.0
EVR	Evyrtania	6.95 299	ePn	Pn	01 59 57.6 +1.0
ZAF	Bani Suwayf	6.96 168	Pn	Pn	01 59 58.5 +1.8
ZNM	Zni	7.01 137	Pn	Pn	01 59 59.2 +1.7
ZFR	Zfri	7.01 137	Pn	Pn	01 59 59.2 +1.7
ZFR	Zfri	7.01 137	Pn	Pn	01 59 59.2 +1.7
ZFR	Zfri	7.01 137	Pn	Pn	01 59 59.2 +1.7
HORT	Hortiatiss	7.01 315	ePn	Pn	02 00 03.2 +5.7
SOH	Sokhos	7.02 317	ePn	Pn	02 00 03.6 +6.0
BZK	Bozkurt	7.04 28	ePn	Pn	01 59 59.7 +1.8
BZK	Bozkurt	7.04 28	ePn	Pn	01 59 59.7 +1.8
BZK	Bozkurt	7.04 28	ePn	Pn	01 59 59.7 +1.8
BZK	Bozkurt	7.04 28	ePn	Pn	01 59 59.7 +1.8
ASF	Jabal al Asfar	7.05 119	S	Pn	02 01 59.0 +1.0
ASF	Jabal al Asfar	7.05 119	S	Pn	02 01 59.0 +1.0
ASF	Jabal al Asfar	7.05 119	S	Pn	02 01 59.0 +1.0
ASF	Jabal al Asfar	7.05 119	S	Pn	02 01 59.0 +1.0
ASF	Jabal al Asfar	7.05 119	S	Pn	02 01 59.0 +1.0

2007 FEB

JMB	Yambol	7.06 341	↑P	Pn	02 00 04.0 +5.9
JMB	Yambol	7.06 341	↑P	Pn	02 00 04.0 +5.9
JMB	Yambol	7.06 341	↑P	Pn	02 00 04.0 +5.9
JMB	Yambol	7.06 341	↑P	Pn	02 00 04.0 +5.9
PRNI	Paran	7.07 139	Pn	Pn	02 00 00.2 +1.7
PRNI	Paran	7.07 139	Pn	Pn	02 00 00.2 +1.7
PRNI	Paran	7.07 139	Pn	Pn	02 00 00.2 +1.7
PRNI	Paran	7.07 139	Pn	Pn	02 00 00.2 +1.7
LIT	Litokoros	7.08 309	ePn	Pn	02 00 03.4 +5.1
THL	Klokotos Trika	7.10 304	ePn	Pn	02 00 03.2 +4.5
THL	Klokotos Trika	7.10 304	ePn	Pn	02 00 03.2 +4.5
THL	Klokotos Trika	7.10 304	ePn	Pn	02 00 03.2 +4.5
THL	Klokotos Trika	7.10 304	ePn	Pn	02 00 03.2 +4.5
SRS	Serrai	7.11 141	Pn	Pn	01 59 59.9 +1.1
KRMI	Paran Flat	7.11 141	Pn	Pn	01 59 59.9 +1.1
KRMI	Paran Flat	7.11 141	Pn	Pn	01 59 59.9 +1.1
KRMI	Paran Flat	7.11 141	Pn	Pn	01 59 59.9 +1.1
THE	Thessaloniki	7.12 315	ePn	Pn	02 00 04.5 +5.6
NVR	Neurokopi	7.12 323	ePn	Pn	01 59 59.7 +0.5
NVR	Neurokopi	7.12 323	ePn	Pn	01 59 59.7 +0.5
NVR	Neurokopi	7.12 323	ePn	Pn	01 59 59.7 +0.5
NVR	Neurokopi	7.12 323	ePn	Pn	01 59 59.7 +0.5
KVT	Kavak	7.30 42	Pn	Pn	02 00 01.8 +0







Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Guatemala City, Fuego 3, Comitán, San Cristobal, Sabancuy, Matias Romero, Juntas Abangare, etc.

CASC 06:03:33.56:5.7, 1450N-9057W, h20km,43km, MD3.7, 1C-1D, Guatemala

ISC 06:03:35.32:3.0, 045S;12562E, h0km, mb4.2/7, mb1.4/2.8, mb1mx4.0/18, mbtmp4.2/8, ML3.9/1, Error ellipse: s-maj=57.0km s-min=16.7km az=75.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ, WRA, STKA, KSRRS, SONMI, MK31, MKAR, ZALV, EGMET, ARUD, TORID, TORL, TXAR.

ISC 06:03:56:50.8:1.5, 1438N;144.30E, h0km, mb3.7/3, mb1.3/9.3, mb1mx3.6/18, mbtmp3.7/3, Error ellipse: s-maj=62.4km s-min=17.0km az=56.0

ISC 06:03:56:55.1:1.1, 1444N;144.38E, h35km, mb4.6/1, Error ellipse: s-maj=46.5km s-min=11.7km az=60.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO, NACB, PMG, WRA, SONMI, MKAR.

MOS 06:04:30:37.6:0.3, 4297N-4548E, h16km, mb3.6/1, 2C-1D, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BTKR, LACR, ARNR, KMSR, KORR, ZEI, LSNR, DIGR.

ISC 06:04:35:46.8:1.8, 227S;139.66E, h0km, mb4.2/3, mb1.4/4.5, mb1mx4.1/12, mbtmp4.2/5, ML4.1/1, MS3.8/9, Mst 3.8/9, ms1mx3.5/18, Error ellipse: s-maj=65.4km s-min=24.1km az=84.0

ISC 06:04:35:51.0:0.8, 242S;1007.13959E, h35km, n19, +1509/14, mb4.2/2, MS3.8/5, Near north coast of Iran, Jaya

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG, KAKA, GUMO, WRA, CTA, FITZ, KKM, EIDS, STKA, CBJ, KSRRS, MK31, ZALV, VYDA.

ISC 06:04:52:54.5, 3661N-2894E, h7km, MD3.2, ML3.2, CSEM 06:04:52:54.1:0.1, 3661N-2894E, h5km, MD3.2, Error ellipse: s-maj=2.9km s-min=1.8km az=4.0

ISC 06:04:52:54.0, 3662N-2894E, h7km, MD3.4(A,TH), ML3.2(I,SK), After ISK

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FETY, AKAS, KSL.

ISC 06:04:52:55.8:0.5, 3663N-2900E, h27km, MD2.9, Error ellipse: s-maj=6.3km s-min=4.0km az=2.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSL, YER, ARG, ELL, GOLL, DAT, DEN, MILSB, BDRM, BODT, ANTB, ANT, ISP, KHL, KARP, SMG, IZM, KZM, KADG, SHUT, BLBC, AKS, AKS, ALT, KONT, KONT, KIZT.

ISC 06:05:06:57.5:2.1, 82N;104.20W, h10km, mb3.7/6, MS3.5/8, Error ellipse: s-maj=71.0km s-min=19.4km az=150.9

ISC 06:05:06:57.4:3.5, 828N;104.06W, h0km, mb3.5/5, mb1.4/0.5, mb1mx3.9/13, mbtmp3.6/5, MS3.5/11, Mst 1.3/5/1, ms1mx3.3/22, Error ellipse: s-maj=140.0km s-min=25.8km az=59.0

ISC 06:05:06:58.2:2.0, 814N;104.20W, h10km, mb4.5/1, Error ellipse: s-maj=66.9km s-min=20.2km az=62.0

ISC 06:05:06:59.6:2.0, 82N;104.10W, h10km, n21, +099/08, MS3.7/6, MS3.5/8, Northern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMIG, LPIG, TEIG, TXAR, JCT, LAZ, DAU, RKT, PPT, YKA, PMA, NOA, MKAR.

ISC 06:05:24:30.5:6.2, 146S;9074W, h10km, Error ellipse: s-maj=122.0km s-min=17.3km az=144.0

ISC 06:05:24:30.5:12.0, 108S;9028W, h0km, mb3.6/5, mb1.3/9.5, mb1mx3.8/15, mbtmp3.6/5, MS3.3/6, Ms 1.3/4/6, ms1mx3.0/23, Error ellipse: s-maj=309.1km s-min=155.8km az=31.0

ISC 06:05:24:32.0:6.1, 145S;0970W, h7.0km, mb4.9km, n12, +069/8, mb3.6/5, MS3.5/4, Galapagos Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PAYG, JYS, CMIG, TEIG, LPAZ, TXAR, TXAR, ANMO, NVAR, PDAR, USHA, YKA.

ISC 06:05:36:00:2:14.0, 1707S;17925W, h516km, n170km, mb2.9/3, mb1.3/2.1, mb1mx3.1/10, mbtmp2.9/3, Error ellipse: s-maj=138.1km s-min=52.7km az=169.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, WRA, TXAR, BRTR, GERS.

ISC 06:05:36:00:2:14.0, 1707S;17925W, h516km, n170km, mb2.9/3, mb1.3/2.1, mb1mx3.1/10, mbtmp2.9/3, Error ellipse: s-maj=138.1km s-min=52.7km az=169.0, Fiji Islands region



Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T14A Hurricane, GMRC Granite Mounta, V12A Nelson, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like K07A Rock Creek Ran, H10A Noah's Angus R, J08A Circle Bar Ran, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BBJ Bamboo Saint A, MCJ Malvern, BNJ Bonny Gate, etc.

CSEM 06 08:17:43.9.0.1, 38559N-4066E, h12km, MD2.9, Error ellipse: s-maj=3.4km s-min=2.1km az=32.0

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

CSEM 06 08:34:06.3, 3791N-2025E, h8km, MD4.2, After ATH

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

MEX 06 08:43:54.1.0.8, 1621N-9797W, h13km, MD3.6, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PNIG Pinotepa, OXX Oaxaca, UTMO Huajuapán, etc.

IDC 06 09:00:43.3.1.7, 4544S-7272W, h0km, mb4.0/5, mb1.4/2.5, mb1mx4.1/12, m1mx3.9/5, MS4.0/6, Ms1 4.0/6, ms1mx3.7/12, Error ellipse: s-maj=72.4km s-min=33.7km az=51.0, Southern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LPAZ La Paz, MAW Maxwell Creek, PPT Papeete, etc.

IDC 06 09:12:25.9.2.0, 101N-12555E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/18, mbtmt3.5/3, MS3.0/1, Ms1 3.0/1, ms1mx3.6/13, Error ellipse: s-maj=177.0km s-min=26.1km az=64.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

IDC 06 09:27:45.5.2.4, 441N-12371E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.8/18, m1mx3.9/3, Error ellipse: s-maj=331.7km s-min=23.7km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

ASAR Alice Springs 29.63 161 P P 09 33 52.5 -0.2
MKAR Makanchi Array 55.30 326 P P 09 37 20.8 0.0

NEIC 06 09:33:11.9, 5319Nk16673W, h40km, ML3.4(AEIC), After AEIC.
IDC 06 09:33:15.0, 10.0, 5348N-16631W, h41km, 76km, mb3.2/5, mb1 3.6/6, mb1mx3.0/25, mbtmp3.4/6, ML3.0/1, Error ellipse: s-maj=65.5km s-min=36.5km az=46.0

Code Station Name Az AZZ Phase ID Time Res
UNV Unalaska Valle 0.59 349 P Op ISC h m s ISC
AKLV Akutan Long Va 0.92 13 P S Pn 09 33 30.7 +0.5

MAN 06 09:36:52, 1356N-12164E, h5km, mb3.8, ML2.6, MS2.1, 1C, Mindoro

Code Station Name Az AZZ Phase ID Time Res
BOAC Boac 0.22 117 Op ISC h m s ISC
GOP Guinayangan 0.85 661 Op Pn 09 36 57.0 +0.7

NEIC 06 09:55:18.9, 6150N-14999W, h59km, ML3.6(PMR), ML3.4(AEIC), After AEIC., Southern Alaska

Code Station Name Az AZZ Phase ID Time Res
FIB Fire Island 0.35 195 P Op ISC h m s ISC
FIB Fire Island 0.35 195 P Op ISC h m s ISC
PMR Palmer 0.42 77 P Pn 09 55 29.4 +0.1

KRSC 06 10:11:03.0:1.4, 4913N:15747E, h5km, 5km, ML3.8, East of Kuril Islands

Code Station Name Az AZZ Phase ID Time Res
ALID Alaid 2.14 325 P Op ISC h m s ISC
ALID Alaid 2.14 325 P Op ISC h m s ISC
MIPR Malaya Ipe'ka 1.18 352 P Pn 10 11 56.2 +2.6

KRSC 06 10:13:57.0:1.4, 4908N:15729E, h5km, 5km, ML3.8, East of Kuril Islands

Code Station Name Az AZZ Phase ID Time Res
ALID Alaid 2.11 329 P Op ISC h m s ISC
ALID Alaid 2.11 329 P Op ISC h m s ISC
RUS Russkaya 3.45 13 P S Pn 10 14 53.8 +2.5

MOS 06 10:16:03.0:0.6, 4679N:15228E, h64km, mb4.1/4, Error ellipse: s-maj=32.3km s-min=16.4km az=57.0
ISCJB 06 10:16:04.9:1.6, 462N:02:1526E:02, h105km, 19km, mb3.5/7, Error ellipse: s-maj=44.2km s-min=13.0km az=152.5

IDC 06 10:16:25.6:7.3, 4722N:15245E, h234km, 84km, mb3.0/7, mb1 3.2/8, mb1mx3.0/23, mbtmp3.0/8, MS2.9/1, Ms1 2.9/1, ms1mx2.4/10, Error ellipse: s-maj=51.3km s-min=22.1km az=168.0

Code Station Name Az AZZ Phase ID Time Res
KUR Kuril'sk 3.52 251 Op ISC h m s ISC
KUR Kuril'sk 3.52 251 Op ISC h m s ISC
KUR Kuril'sk 3.52 251 Op ISC h m s ISC

KUR comp=N,230nm,0.5s smax
SKR comp=E,150nm,0.5s smax
YUK Severo-Kuril'sk 4.82 28 ePN Pn 10 17 12.5 -1.6
YUK Yuzh-Kuril'sk 5.33 245 ePN Pn 10 17 21.5 +0.3

Code Station Name Az AZZ Phase ID Time Res
NEM Nemuro 2 5.76 240 P S Pn 10 17 26.2 -0.9
NEM Nemuro 2 5.76 240 P S Pn 10 18 29.2 -2.7
JRA Rausu 5.85 247 P S Pn 10 17 30.2 +1.9

Code Station Name Az AZZ Phase ID Time Res
ZIG Zihuatanejo 0.90 236 IP Pn 10 55 44.9 -3.2
MEIG Mezcala 1.03 1011 eP S Pn 10 55 56.4 -4.3
MEIG El Cayaco 1.14 159 IP Pn 10 55 49.9 -1.3

Code Station Name Az AZZ Phase ID Time Res
MOIG Morelia 1.62 343 IP Pn 10 55 54.7 -2.9
MOIG Morelia 1.62 343 IP Pn 10 55 54.7 -2.9
MOIG Morelia 1.62 343 IP Pn 10 55 54.7 -2.9

Code Station Name Az AZZ Phase ID Time Res
CMIG Matias Romero 5.63 100 LR Pn 10 57 53.6 -2.0
CMIG Matias Romero 5.63 100 LR Pn 10 57 53.6 -2.0
CMIG Matias Romero 5.63 100 LR Pn 10 57 53.6 -2.0

JCT comp=Z,34nm,1.1s pmax pmax
HKT Hockley 12.58 20 eP Pn 10 58 26.3 -0.9
HKT Hockley 12.58 20 eP Pn 10 58 26.3 -1.0
HKT Hockley 12.58 20 eP pmax Pn 10 58 26.3 -1.0

Code Station Name Az AZZ Phase ID Time Res
AMT Amarillo 16.72 357 eP Pn 10 59 19.8 -1.3
TUC Tucson 16.81 329 eP Pn 10 59 22.7 +0.4
TUC Tucson 16.81 329 eP Pn 10 59 22.7 +0.5

Code Station Name Az AZZ Phase ID Time Res
U11A Uvalde 17.21 342 eP Pn 10 59 29.2 +0.0
U11A Uvalde 17.21 342 eP Pn 10 59 31.0 +0.6
U11A Uvalde 17.21 342 eP Pn 10 59 31.0 +0.6

Code Station Name Az AZZ Phase ID Time Res
WVT Waverly 21.24 30 eP Pn 11 00 09.7 -2.1
WVT Waverly 21.24 30 eP Pn 11 00 09.7 -2.1
WVT Waverly 21.24 30 eP Pn 11 00 09.7 -2.1

Code Station Name Az AZZ Phase ID Time Res
GMR Granite Mounta 21.29 324 IP Pn 11 00 12.8 +0.5
MURC Murrieta 21.36 319 P Pn 11 00 13.9 +0.7
PV10 Paradox Valley 21.46 342 eP Pn 11 00 13.2 -0.9

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Cedar City, Shoshone, Antelope Range, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Washoe City, Drake Creek, Moose Ponds, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Dease Lake, La Paz, Nuku Hiva Isla, etc.

ISC/JB 06 11:28:58.9-0.8, 5934N-003:272E.01, h0km, Error ellipse: s-maj=10.2km s-min=4.5km az=2.5 HEL 06 11:29:00.1-0.2, 5930N-2729E, h0km, ML1.8, ML2.3(NAO), Explosion NAO 06 11:29:00.0-1.1, 5931N-2704E, h0km, ML2.3 BER 06 11:29:01.0-2.8, 5931N-2718E, h0km, ML2.3(NAO), Suspected explosion ISC 06 11:28:59.1-0.8, 5932N-003:273E.02, h0km, n17, c121/29, Baltic States - Belarus - Northwestern Russia







IMW	baz=33,SNR=12	32.75 334	eP	P	11 38 50.5 -1.0
IMW	Indian Meadow				
IMW	comp=Z,3.6nm,0.6s,mb4.1				
L13A	Double Diamond	32.75 328	↑P	P	11 39 36.3 -0.4
L13A	baz=33				11 38 52.5 +0.9
P09A	Austin	32.76 322	↑P	P	11 38 52.6 +0.9
P09A	baz=33				
M12A	Wells	32.77 327	P	P	11 38 52.6 +0.9
M12A	baz=33,SNR=5.8				
NVAR	Mina Array Bea	32.77 319	P	P	11 38 52.0 +0.1
NVAR	comp=Z,7.9nm,0.7s,mb4.4,baz=130,slow=9.0,SNR=85				
NVAR	comp=Z,6.7nm,0.8s,baz=127,slow=10.0,SNR=7.0				11 39 35.5 -1.6
NVAR	comp=Z,5.3nm,0.9s,baz=128,slow=10.0,SNR=2.8				11 40 02.2 -0.6
NVAR	comp=Z,1.2nm,0.7s,baz=108,slow=4.1,SNR=4.5				11 41 32.0 +0.4
NVAR	comp=Z,1.5nm,0.7s,baz=120,slow=5.1,SNR=13				11 44 56.0 +1.6
KCC	Kaiser Creek	32.79 317	↑P	P	11 38 52.1 +0.1
KCC	baz=33				
N11A	Elko Archery C	32.79 325	↑P	P	11 38 53.0 +0.9
N11A	baz=33				
Q08A	Gabbs	32.80 320	P	P	11 38 53.7 +1.6
Q08A	baz=33,SNR=8.7				
O10A	Cortez Mining	32.82 324	P	P	11 38 54.0 +1.3
O10A	baz=33,SNR=6.8				
T06C	Millerton Lake	32.87 316	↑P	P	11 38 53.4 +0.7
T06C	baz=33				
PKD	Parkfield	32.88 314	↑P	P	11 38 53.9 +1.0
PKD	baz=33				
AGMN	Agassiz Refuge	32.90 355	eP	P	11 38 52.5 -0.3
AGMN	comp=Z,5.1nm,0.6s,mb4.2				
R07C	Lee Vining	33.05 318	↑P	P	11 38 55.8 +1.5
R07C	baz=33				
O09A	Fish Creek Ran	33.19 323	P	P	11 38 56.7 +1.3
O09A	baz=33,SNR=13				
K13A	Stover Farm, H	33.23 329	↑P	P	11 38 55.3 -0.5
K13A	baz=33				
M11A	Holland Ranch	33.25 326	P	P	11 38 57.0 +1.1
M11A	baz=33,SNR=7.1				
U04C	Hernandez Rese	33.26 314	↑P	P	11 38 56.8 +0.6
U04C	baz=33				
L12A	House Creek Ra	33.34 327	↑P	P	11 38 57.7 +1.0
L12A	baz=33				
YMR	Madison River	33.38 335	eP	P	11 38 57.6 +0.6
YMR	comp=Z,4.1nm,0.7s,mb4.1				
S06C	San Francisco	33.45 317	↑P	P	11 38 57.6 -0.1
S06C	baz=33				
T05C	Eagle Field, D	33.46 315	↑P	P	11 38 58.1 +0.2
T05C	baz=33				
R06C	Coleville	33.56 318	↑P	P	11 39 00.6 +1.9
R06C	baz=34,SNR=5.0				
K12A	Draper Farm, C	33.63 328	↑P	P	11 38 58.9 -0.4
K12A	baz=34				
M10A	L.L. Ranch, Tu	33.72 325	P	P	11 39 01.2 +1.2
M10A	baz=34,SNR=7.4				
L11A	Cat Creek Ranc	33.74 327	↑P	P	11 39 00.6 +0.4
L11A	baz=34				
N09A	Rock Creek Ran	33.82 323	↑P	P	11 39 00.8 -0.1
N09A	baz=34				
J13A	Cove Ranch, Pi	33.83 330	P	P	11 39 01.1 +0.2
J13A	baz=34,SNR=6.0				
CMB	Columbia Colle	33.89 317	eP	P	11 39 01.5 0.0
CMB	comp=Z,1.3nm,0.3s,mb3.9				
CMB	Columbia Colle	33.89 317	eP	P	11 39 01.5 0.0
CMB	comp=Z,1.0nm,0.3s,mb3.8				
CMB	Columbia Colle	33.89 317	↑P	P	11 39 01.8 +0.3
CMB	baz=34				
L10A	Juniper Basin	34.06 326	↑P	P	11 39 02.7 -0.2
L10A	baz=34				
R05C	Kirkwood Meado	34.06 318	↑P	P	11 39 03.5 +0.5
R05C	baz=34				
HLID	Hailey	34.07 330	eP	P	11 39 01.1 -1.9
HLID	comp=Z,1.4nm,0.7s,mb3.6				
HLID	Hailey	34.07 330	↑P	P	11 39 03.1 +0.1
HLID	baz=34				
N08A	GE Springer Mi	34.13 323	↑P	P	11 39 03.0 -0.5
N08A	baz=34				
M09A	Marrel Ranch	34.16 324	P	P	11 39 04.8 +1.1
M09A	baz=34,SNR=5.4				
J12A	Stokes Ranch,	34.18 329	↑P	P	11 39 04.4 +0.4
J12A	baz=34				
O07A	Toulon	34.18 321	P	P	11 39 05.0 +1.1
O07A	baz=34,SNR=9.1				
I13A	Wildhorse Cree	34.19 331	P	P	11 39 04.9 +0.9
I13A	baz=34,SNR=5.4				
S04C	Ingram Canyon,	34.23 316	↑P	P	11 39 05.1 +0.6
S04C	baz=34				
G15A	Dillon	34.43 334	P	P	11 39 06.8 +0.8
G15A	baz=34,SNR=6.3				
BOZ	Bozeman (W)	34.45 335	↑P	P	11 39 05.9 -0.4
BOZ	baz=34				
P06A	Stead Airport,	34.52 320	↑P	P	11 39 07.4 +0.6
P06A	baz=34				
LAVA	Lava Cap Winer	34.52 318	↑P	P	11 39 07.2 +0.3
LAVA	baz=34				
N07B	Getlach	34.62 322	↑P	P	11 39 08.6 +0.8
N07B	baz=35				
MFID	Camas Ranch	34.66 328	↑P	P	11 39 08.3 +0.2
MFID	baz=35				
M08A	Happy Creek Ra	34.70 321	P	P	11 39 09.2 +0.8
M08A	baz=35,SNR=5.8				
H13A	Challis	34.75 334	P	P	11 39 09.1 +0.3
H13A	baz=35,SNR=11				
K10A	MacKenzie Ranc	34.76 327	↑P	P	11 39 09.3 +0.4
K10A	baz=35,SNR=11				
O06A	Flanigan	34.76 321	P	P	11 39 10.1 +1.1
O06A	baz=35,SNR=18				
ULM	Lac du Bonnet	34.84 355	P	P	11 39 07.2 -2.3
ULM	comp=Z,3.5nm,0.6s,mb4.1,baz=177,slow=9.3,SNR=17				
ULM	Lac du Bonnet	34.84 355	P	P	11 39 53.8 -1.3
ULM	comp=Z,4.3nm,0.9s,baz=181,slow=6.6,SNR=4.8				
ULM	Lac du Bonnet	34.84 355	P	P	11 41 35.5 -1.8
ULM	comp=Z,1.0nm,0.4s,baz=342,slow=9.6,SNR=4.3				
ULM	Lac du Bonnet	34.84 355	↑P	P	11 45 00.2 -1.2
ULM	comp=Z,1.4nm,0.7s,baz=229,slow=2.2,SNR=5.2				
G14A	Jackson	34.91 333	↑P	P	11 39 09.3 -0.8
G14A	baz=35				
BEKR	Beckwourth	34.91 320	P	P	11 39 11.5 +0.2
BEKR	baz=35,SNR=7.8				
F15A	Butte	34.97 334	P	P	11 39 10.6 0.0
F15A	baz=35,SNR=6.3				
Q04C	Lincoln	34.98 317	↑P	P	11 39 08.8 -2.1
Q04C	baz=35				
H12A	Diamond D Ranc	35.02 331	P	P	11 39 11.6 +0.5
H12A	baz=35,SNR=6.4				
A11A	Placerville	35.09 329	P	P	11 39 12.2 +0.4
A11A	baz=35,SNR=18				
N06A	Buffalo Meadow	35.12 321	P	P	11 39 12.7 +0.6
N06A	baz=35,SNR=13				
G13A	Cobalt	35.14 332	P	P	11 39 12.2 +0.1
G13A	baz=35,SNR=5.3				
J10A	Berg Farm, Mel	35.16 327	↑P	P	11 39 12.1 -0.2
J10A	baz=35				
K09A	Rome	35.16 326	P	P	11 39 13.4 +1.0
K09A	baz=35,SNR=28				
L08A	Fields	35.16 325	P	P	11 39 12.7 +0.3
L08A	baz=35,SNR=16				
Q03C	Winters	35.29 317	↑P	P	11 39 13.3 -0.1
Q03C	baz=35				
F14A	Wisdom	35.32 333	↑P	P	11 39 13.8 +0.2
F14A	baz=35				
O05C	Quincy	35.32 319	↑P	P	11 39 12.9 -0.8
O05C	baz=35				
ORV	Oroville	35.45 318	↑P	P	11 39 15.8 +0.9
ORV	baz=35				
SUTB	Sutter Butte	35.46 318	↑P	P	11 39 15.6 +0.7
SUTB	baz=35				
WVOR	Wild Horse Val	35.49 325	eP	P	11 39 15.3 +0.2
WVOR	comp=Z,9.9nm,1.0s,mb4.3				
WVOR	Wild Horse Val	35.49 325	eP	P	11 39 15.3 +0.2
WVOR	comp=Z,10.0nm,1.0s,mb4.3				
E15A	Deer Lodge	35.49 335	↑P	P	11 39 15.1 0.0
E15A	baz=36				
ELFS	Eagle Lake Fie	35.58 320	P	P	11 39 17.6 +1.7

K08A	baz=36,SNR=9.1	35.60 325	P	P	11 39 16.8 +0.7
K08A	Mann Creek Ran				
K08A	baz=36,SNR=37				
J07A	Adell	35.62 323	P	P	11 39 17.0 +0.8
J07A	baz=36,SNR=12				
L09A	Fry Pan Ranch,	35.62 326	P	P	11 39 16.9 +0.7
L09A	baz=36,SNR=13				
O04C	Chester	35.63 320	↑P	P	11 39 16.5 +0.2
O04C	baz=36,SNR=5.2				
I10A	Payette	35.64 328	↑P	P	11 39 16.6 +0.2
I10A	baz=36				
H11A	Donnelly	35.69 330	↑P	P	11 39 16.7 -0.1
H11A	baz=36				
F13A	Darby	35.72 332	P	P	11 39 16.6 -0.5
F13A	baz=36,SNR=7.3				
EGMT	Eagleton	35.73 339	eP	P	11 39 16.5 -0.6
EGMT	comp=Z,6.0nm,0.6s,mb4.3				
EGMT	Eagleton	35.73 339	↑P	P	11 39 16.7 -0.5
EGMT	baz=36				
M06C	Likely Place G	35.78 321	P	P	11 39 18.2 +0.6
M06C	baz=36,SNR=5.4				
E14A	Clinton	35.84 334	↑P	P	11 39 17.7 -0.4
E14A	baz=36				
D15A	Lincoln	35.94 335	↑P	P	11 39 18.6 -0.4
D15A	baz=36				
H10A	Noah's Angus R	35.97 329	↑P	P	11 39 18.4 -0.8
H10A	baz=36				
K07A	Rock Creek Ran	36.00 324	P	P	11 39 20.0 +0.5
K07A	baz=36,SNR=22				
J08A	Circle Bar Ran	36.01 326	P	P	11 39 19.9 +0.3
J08A	baz=36,SNR=24				
I09A	Lost Marbles R	36.04 327	P	P	11 39 19.9 +0.1
I09A	baz=36,SNR=9.5				
MOD	Modoc	36.10 323	eP	P	11 39 20.3 -0.1
MOD	comp=Z,2.5nm,0.8s,mb3.8				
MOD	Modoc	36.10 323	P	P	11 39 20.4 +0.1
MOD	baz=36,SNR=6.8				
F12A	Elk City	36.11 332	P	P	11 39 20.1 -0.3
F12A	baz=36,SNR=12				
E13A	Victor	36.16 333	P	P	11 39 20.2 -0.6
E13A	baz=36,SNR=7.8				
M05C	Lookout	36.28 321	P	P	11 39 22.2 +0.4
M05C	baz=36,SNR=10				
GASB	Alder Springs	36.30 318	↑P	P	11 39 21.5 -0.5
GASB	baz=36				
G11A	Walters Elk Ra	36.32 330	↑P	P	11 39 20.9 -1.3
G11A	baz=36				
D14A	Greenough	36.38 335	↑P	P	11 39 20.8 -1.8
D14A	baz=36				
J08A	Drewsey	36.44 327	↑P	P	11 39 22.5 -0.6
J08A	baz=36,SNR=6.2				
J07A	Hines	36.48 325	↑P	P	11 39 23.2 -0.3
J07A	baz=36				
H09A	Durkee	36.48 328	↑P	P	11 39 23.0 -0.6
H09A	baz=36				
L05A	Lakeview	36.51 322	↑P	P	11 39 24.2 +0.4
L05A	baz=36				
F11A	Grangeville	36.63 331	↑P	P	11 39 24.6 -0.1
F11A	baz=36				
K06A	Valley Falls	36.63 324	P	P	11 39 25.0 -0.2
K06A	baz=37,SNR=5.1				
WDC	Whiskeytown Da	36.69 319	↑P	P	11 39 24.5 -0.9
WDC	baz=37				
D13A	Huson	36.79 334	P	P	11 39 25.6 -0.4
D13A	baz=37,SNR=5.4				
M03C	McCloud	36.82 320	↑P	P	11 39 26.4 0.0
M03C	baz=37				
J06A	Christmas Vall	36.87 324	P	P	11 39 26.5 -0.3
J06A	baz=37,SNR=6.8				
H08A	Prairie City	36.90 327	↑P	P	11 39 27.0 0.0
H08A	baz=37				
M04C	Macdoel	36.95 321	↑P	P	11 39 27.9 +0.4
M04C	baz=37				
K05A	Summer Lake	36.96 323	↑P		

Table of seismic events with columns for station, magnitude, time, and location. Includes stations like Saint Gilles, Guadarrama, GORR, and many others.

Table of seismic events with columns for station, magnitude, time, and location. Includes stations like Saint-Julien-1, HAU, ORIF, and many others.

Table of seismic events with columns for station, magnitude, time, and location. Includes stations like WRA, KAKA, and many others. Includes detailed event descriptions like 'NIED 06 12:01:00, 3310N, 131.00E, h113km, Mw4.1'.



6d 14h

Table with columns: Code, Station Name, Az, El, P, S, X, Y, Z, X2, Y2, Z2, X3, Y3, Z3, X4, Y4, Z4, X5, Y5, Z5, X6, Y6, Z6, X7, Y7, Z7, X8, Y8, Z8, X9, Y9, Z9, X10, Y10, Z10, X11, Y11, Z11, X12, Y12, Z12, X13, Y13, Z13, X14, Y14, Z14, X15, Y15, Z15, X16, Y16, Z16, X17, Y17, Z17, X18, Y18, Z18, X19, Y19, Z19, X20, Y20, Z20, X21, Y21, Z21, X22, Y22, Z22, X23, Y23, Z23, X24, Y24, Z24, X25, Y25, Z25, X26, Y26, Z26, X27, Y27, Z27, X28, Y28, Z28, X29, Y29, Z29, X30, Y30, Z30, X31, Y31, Z31, X32, Y32, Z32, X33, Y33, Z33, X34, Y34, Z34, X35, Y35, Z35, X36, Y36, Z36, X37, Y37, Z37, X38, Y38, Z38, X39, Y39, Z39, X40, Y40, Z40, X41, Y41, Z41, X42, Y42, Z42, X43, Y43, Z43, X44, Y44, Z44, X45, Y45, Z45, X46, Y46, Z46, X47, Y47, Z47, X48, Y48, Z48, X49, Y49, Z49, X50, Y50, Z50, X51, Y51, Z51, X52, Y52, Z52, X53, Y53, Z53, X54, Y54, Z54, X55, Y55, Z55, X56, Y56, Z56, X57, Y57, Z57, X58, Y58, Z58, X59, Y59, Z59, X60, Y60, Z60, X61, Y61, Z61, X62, Y62, Z62, X63, Y63, Z63, X64, Y64, Z64, X65, Y65, Z65, X66, Y66, Z66, X67, Y67, Z67, X68, Y68, Z68, X69, Y69, Z69, X70, Y70, Z70, X71, Y71, Z71, X72, Y72, Z72, X73, Y73, Z73, X74, Y74, Z74, X75, Y75, Z75, X76, Y76, Z76, X77, Y77, Z77, X78, Y78, Z78, X79, Y79, Z79, X80, Y80, Z80, X81, Y81, Z81, X82, Y82, Z82, X83, Y83, Z83, X84, Y84, Z84, X85, Y85, Z85, X86, Y86, Z86, X87, Y87, Z87, X88, Y88, Z88, X89, Y89, Z89, X90, Y90, Z90, X91, Y91, Z91, X92, Y92, Z92, X93, Y93, Z93, X94, Y94, Z94, X95, Y95, Z95, X96, Y96, Z96, X97, Y97, Z97, X98, Y98, Z98, X99, Y99, Z99, X100, Y100, Z100.

BUI 06 14:44:49.3,3678N:7124E,h130km,mB4.9,mb4.6
MOS 06 14:44:49.1±0.9,3654N:7148E,h107km,mb4.6/20,Error ellipse: s-maj=9.7km s-min=5.9km az=113.5
ISCJB 06 14:44:49.4±0.4,3650N:002°71'60E,003,h116km,4km,mb4.4/38,Error ellipse: s-maj=4.6km s-min=4.0km az=172.8
IDC 06 14:44:51.3±0.9,3654N:7153E,h110km,6km,mb3.7/11,mb1.4/0.14,mb1mx3.9/21,mbtmp3.9/14,MS3.7/1,MS1.3/71,ms1mx2.5/28,Error ellipse: s-maj=23.3km s-min=13.2km az=16.0
NEIC 06 14:44:51.0±0.3,3658N:7153E,mb4.5/16,Error ellipse: s-maj=6.8km s-min=5.7km az=173.0
NNC 06 14:44:55.3±0.5,3703N:7113E,h180km,41km,mb3.8,mpv4.7,Error ellipse: s-maj=31.3km s-min=17.0km az=17.0
ISC 06 14:44:51.2±0.4,3651N:002°71'67E,004,h122km,4km,h116km,4.7km,pp-P,n148,hb4.4/38,6C-6D,
Afghanistan-Tajikistan border region
Code Station Name Az El P S X Y Z X2 Y2 Z2 X3 Y3 Z3 X4 Y4 Z4 X5 Y5 Z5 X6 Y6 Z6 X7 Y7 Z7 X8 Y8 Z8 X9 Y9 Z9 X10 Y10 Z10 X11 Y11 Z11 X12 Y12 Z12 X13 Y13 Z13 X14 Y14 Z14 X15 Y15 Z15 X16 Y16 Z16 X17 Y17 Z17 X18 Y18 Z18 X19 Y19 Z19 X20 Y20 Z20 X21 Y21 Z21 X22 Y22 Z22 X23 Y23 Z23 X24 Y24 Z24 X25 Y25 Z25 X26 Y26 Z26 X27 Y27 Z27 X28 Y28 Z28 X29 Y29 Z29 X30 Y30 Z30 X31 Y31 Z31 X32 Y32 Z32 X33 Y33 Z33 X34 Y34 Z34 X35 Y35 Z35 X36 Y36 Z36 X37 Y37 Z37 X38 Y38 Z38 X39 Y39 Z39 X40 Y40 Z40 X41 Y41 Z41 X42 Y42 Z42 X43 Y43 Z43 X44 Y44 Z44 X45 Y45 Z45 X46 Y46 Z46 X47 Y47 Z47 X48 Y48 Z48 X49 Y49 Z49 X50 Y50 Z50 X51 Y51 Z51 X52 Y52 Z52 X53 Y53 Z53 X54 Y54 Z54 X55 Y55 Z55 X56 Y56 Z56 X57 Y57 Z57 X58 Y58 Z58 X59 Y59 Z59 X60 Y60 Z60 X61 Y61 Z61 X62 Y62 Z62 X63 Y63 Z63 X64 Y64 Z64 X65 Y65 Z65 X66 Y66 Z66 X67 Y67 Z67 X68 Y68 Z68 X69 Y69 Z69 X70 Y70 Z70 X71 Y71 Z71 X72 Y72 Z72 X73 Y73 Z73 X74 Y74 Z74 X75 Y75 Z75 X76 Y76 Z76 X77 Y77 Z77 X78 Y78 Z78 X79 Y79 Z79 X80 Y80 Z80 X81 Y81 Z81 X82 Y82 Z82 X83 Y83 Z83 X84 Y84 Z84 X85 Y85 Z85 X86 Y86 Z86 X87 Y87 Z87 X88 Y88 Z88 X89 Y89 Z89 X90 Y90 Z90 X91 Y91 Z91 X92 Y92 Z92 X93 Y93 Z93 X94 Y94 Z94 X95 Y95 Z95 X96 Y96 Z96 X97 Y97 Z97 X98 Y98 Z98 X99 Y99 Z99 X100 Y100 Z100

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Table with columns: Code, Station Name, Az, El, P, S, X, Y, Z, X2, Y2, Z2, X3, Y3, Z3, X4, Y4, Z4, X5, Y5, Z5, X6, Y6, Z6, X7, Y7, Z7, X8, Y8, Z8, X9, Y9, Z9, X10, Y10, Z10, X11, Y11, Z11, X12, Y12, Z12, X13, Y13, Z13, X14, Y14, Z14, X15, Y15, Z15, X16, Y16, Z16, X17, Y17, Z17, X18, Y18, Z18, X19, Y19, Z19, X20, Y20, Z20, X21, Y21, Z21, X22, Y22, Z22, X23, Y23, Z23, X24, Y24, Z24, X25, Y25, Z25, X26, Y26, Z26, X27, Y27, Z27, X28, Y28, Z28, X29, Y29, Z29, X30, Y30, Z30, X31, Y31, Z31, X32, Y32, Z32, X33, Y33, Z33, X34, Y34, Z34, X35, Y35, Z35, X36, Y36, Z36, X37, Y37, Z37, X38, Y38, Z38, X39, Y39, Z39, X40, Y40, Z40, X41, Y41, Z41, X42, Y42, Z42, X43, Y43, Z43, X44, Y44, Z44, X45, Y45, Z45, X46, Y46, Z46, X47, Y47, Z47, X48, Y48, Z48, X49, Y49, Z49, X50, Y50, Z50, X51, Y51, Z51, X52, Y52, Z52, X53, Y53, Z53, X54, Y54, Z54, X55, Y55, Z55, X56, Y56, Z56, X57, Y57, Z57, X58, Y58, Z58, X59, Y59, Z59, X60, Y60, Z60, X61, Y61, Z61, X62, Y62, Z62, X63, Y63, Z63, X64, Y64, Z64, X65, Y65, Z65, X66, Y66, Z66, X67, Y67, Z67, X68, Y68, Z68, X69, Y69, Z69, X70, Y70, Z70, X71, Y71, Z71, X72, Y72, Z72, X73, Y73, Z73, X74, Y74, Z74, X75, Y75, Z75, X76, Y76, Z76, X77, Y77, Z77, X78, Y78, Z78, X79, Y79, Z79, X80, Y80, Z80, X81, Y81, Z81, X82, Y82, Z82, X83, Y83, Z83, X84, Y84, Z84, X85, Y85, Z85, X86, Y86, Z86, X87, Y87, Z87, X88, Y88, Z88, X89, Y89, Z89, X90, Y90, Z90, X91, Y91, Z91, X92, Y92, Z92, X93, Y93, Z93, X94, Y94, Z94, X95, Y95, Z95, X96, Y96, Z96, X97, Y97, Z97, X98, Y98, Z98, X99, Y99, Z99, X100, Y100, Z100.

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Table with columns: Code, Station Name, Az, El, P, S, X, Y, Z, X2, Y2, Z2, X3, Y3, Z3, X4, Y4, Z4, X5, Y5, Z5, X6, Y6, Z6, X7, Y7, Z7, X8, Y8, Z8, X9, Y9, Z9, X10, Y10, Z10, X11, Y11, Z11, X12, Y12, Z12, X13, Y13, Z13, X14, Y14, Z14, X15, Y15, Z15, X16, Y16, Z16, X17, Y17, Z17, X18, Y18, Z18, X19, Y19, Z19, X20, Y20, Z20, X21, Y21, Z21, X22, Y22, Z22, X23, Y23, Z23, X24, Y24, Z24, X25, Y25, Z25, X26, Y26, Z26, X27, Y27, Z27, X28, Y28, Z28, X29, Y29, Z29, X30, Y30, Z30, X31, Y31, Z31, X32, Y32, Z32, X33, Y33, Z33, X34, Y34, Z34, X35, Y35, Z35, X36, Y36, Z36, X37, Y37, Z37, X38, Y38, Z38, X39, Y39, Z39, X40, Y40, Z40, X41, Y41, Z41, X42, Y42, Z42, X43, Y43, Z43, X44, Y44, Z44, X45, Y45, Z45, X46, Y46, Z46, X47, Y47, Z47, X48, Y48, Z48, X49, Y49, Z49, X50, Y50, Z50, X51, Y51, Z51, X52, Y52, Z52, X53, Y53, Z53, X54, Y54, Z54, X55, Y55, Z55, X56, Y56, Z56, X57, Y57, Z57, X58, Y58, Z58, X59, Y59, Z59, X60, Y60, Z60, X61, Y61, Z61, X62, Y62, Z62, X63, Y63, Z63, X64, Y64, Z64, X65, Y65, Z65, X66, Y66, Z66, X67, Y67, Z67, X68, Y68, Z68, X69, Y69, Z69, X70, Y70, Z70, X71, Y71, Z71, X72, Y72, Z72, X73, Y73, Z73, X74, Y74, Z74, X75, Y75, Z75, X76, Y76, Z76, X77, Y77, Z77, X78, Y78, Z78, X79, Y79, Z79, X80, Y80, Z80, X81, Y81, Z81, X82, Y82, Z82, X83, Y83, Z83, X84, Y84, Z84, X85, Y85, Z85, X86, Y86, Z86, X87, Y87, Z87, X88, Y88, Z88, X89, Y89, Z89, X90, Y90, Z90, X91, Y91, Z91, X92, Y92, Z92, X93, Y93, Z93, X94, Y94, Z94, X95, Y95, Z95, X96, Y96, Z96, X97, Y97, Z97, X98, Y98, Z98, X99, Y99, Z99, X100, Y100, Z100.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRSR, NB2, NOA, NOA, NOA, HAU, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES, JOF, FINES, NVAR, LPAZ, etc.











6d 22h

Table with columns for station name, frequency, power, and signal strength. Includes stations like Ulanabaatar, Keskin Array B, Norsar Array B, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like Grafenberg Arr, Norsar Array S, Norsar Array B, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like Mjars, Etsuf, Mjars, Etsuf, Mjars, Etsuf, etc.

NIED 06 22:58:00, 4440N-14940E, h23km, Mw3.7 Best double couple: M4.58000x1014 NP1.0e214.00000, 0.87.00000, 1.80.00000, NP2.0e46.00000, 0.63.00000, 0.95.00000, ISCJB 06 22:58:02.5, 0.9, 44.1N, 0.1x1494E, 0.1, h33km, mb3.8/17, Error ellipse: s-maj=23.8km s-min=5.4km az=151.8 JMA 06 22:58:03.0, 0.9, 44.35N, 149.32E, h30km, Mb3.6 IDC 06 22:58:03.6, 1.0, 44.90N, 149.28E, h0km, mb3.7/10, mb1.3/8.11, mb1mx3.7/23, mbtmp3.6/11, ML3.01, MS2.7/2, Ms1.2/2, ms1mx2.3/35, Error ellipse: s-maj=28.1km s-min=22.0km az=153.0 NEIC 06 22:58:05.0, 0.5, 44.90N, 149.25E, h10km, mb4.0, Error ellipse: s-maj=12.6km s-min=7.9km az=158.0 MOS 06 22:58:06.5, 0.9, 44.88N, 149.22E, h33km, mb4.1/12, Error ellipse: s-maj=16.9km s-min=13.5km az=102.4 ISC 06 22:58:04.8, 0.9, 44.1N, 0.1, 1494E, 0.1, h35km, n56,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Nemuro 2, Rausu, Nakash, Akkeshi, Ashorobuto, Maruseppu, Asahikawa, etc.

IDC 06 23:25:52.5, 2.0, 23325.16926E, h03km, mb3.9/4, mb1 4.1/5, mb1mx4.0/12, mbtmp3.8/5, ML2.9/1, Error ellipse: s-maj=68.7km s-min=29.2km az=4.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mont Dzumac, Matsushiro Arr, Sogingo Array, etc.

Table with columns: SKR, Severo-Kuril's, 0.65 271, J/PN, Pn, 00 07 21.5 -0.9, 00 07 32.5 -0.5, YKA, comp=Z,2.0nm,0.6s, pmax, pmax. Includes stations like Severo-Kuril's, Malaya Ipe'lka, Russkaya, etc.

Table with columns: YKA, comp=Z,2.0nm,0.6s, pmax, pmax. Includes stations like Kurchatov, Makanchi Array, Borovoye, etc.

ISCJB 07 00:44:57.0, 0.3, 41.13S, 003.17450E, 0.05, h73km, 4km, mb4.1/3, Error ellipse: s-maj=7.3km s-min=3.5km az=36.7, IDC 07 00:44:56.0, 0.7, 41.03S, 17437E, h45km, 5km, mb3.8/3, mb1 4.1/5, mb1mx3.9/11, mbtmp4.0/5, ML3.8/2, MS3.4/4, Ms1 3.4/4, ms1mx3.1/16, Error ellipse: s-maj=28.1km s-min=8.8km az=129.0, WEL 07 00:44:59.3, 0.1, 41.02S, 17448E, h52km, 1km, ML4.7/23, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0, reported intensity MM 5, WEL Fell from Tarakan to Marlborough, and from Nelson to Waitara, maximum, NEIC 07 00:44:59.3, 0.1, 41.04S, 17449E, h52km, mb4.6/1, ML4.8(WEL), After WEL, NEIC Fell in the Wellington area.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MRW Makara Radio, MRW South Karori, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MOS 07 01:24:14.9, JMA 07 01:24:15.0, etc.





7d 2h

2007 FEB

W12a	Cal Nev Ari	82.39	48	P	P	02 40 44.2 +1.7
O07a	Toulon	82.46	42	P	P	02 40 42.8 +0.1
R09a	Tonopah	82.52	44	P	P	02 40 43.1 +0.1
I04a	Tendick Farm,	82.53	37	P	P	02 40 42.6 -0.3
H03a	Soap Creek Ran	82.59	36	↑P	P	02 40 43.8 +0.5
MOD	Modoc	82.61	40	↑P	P	02 40 43.5 0.0
MOD	Modoc	82.61	40	P	P	02 40 43.7 +0.3
HBO	Huckleberry Mo	82.61	37	P	P	02 40 43.6 +0.2
V12a	Nelson	82.63	47	↑P	P	02 40 43.8 +0.1
U11a	Corn Creek	82.64	47	↑P	P	02 40 43.8 +0.1
S10a	Tonopah Range,	82.65	45	P	P	02 40 43.9 +0.2
KLR	Kul'dur	82.66	330	eP	pmax	02 40 40.2 -3.3
KLR						
P08a	Dixie Valley	82.69	43	↑P	P	02 40 44.7 +0.8
Z14a	Wintersburg	82.74	50	↑P	P	02 40 44.7 +0.4
X13a	Yucca	82.75	49	↑P	P	02 40 44.5 +0.3
K05a	Summer Lake	82.75	39	↑P	P	02 40 44.7 +0.5
N07b	Gerlach	82.76	41	P	P	02 40 44.2 +0.1
Q09a	Fort Rock	82.78	44	↑P	P	02 40 44.5 +0.1
J05a	Sonoran Desert	82.79	51	↑P	P	02 40 45.2 +0.4
W13a	Hualapai Mount	82.97	46	P	P	02 40 45.9 +0.4
O08a	Rochester Mine	82.98	42	↑P	P	02 40 45.9 +0.5
Y14a	Wickenburg	82.99	50	P	P	02 40 45.7 +0.2
G03a	Yamhill	83.00	36	↑P	P	02 40 45.1 -0.2
R10a	Warm Springs	83.05	45	P	P	02 40 46.1 +0.4
SSOR	Sweet Springs	83.17	37	P	P	02 40 46.0 -0.1
K06a	Valley Falls	83.18	39	P	P	02 40 46.6 +0.4
P09a	Austin	83.21	43	↑P	P	02 40 46.4 -0.1
H04a	Detroit Lake	83.21	37	P	P	02 40 46.2 -0.2
U12a	Valley of Fire	83.22	47	↑P	P	02 40 46.9 +0.2
I16a	Eloy	83.23	51	P	P	02 40 47.2 +0.4
F03a	Seaside	83.24	35	↑P	P	02 40 46.6 +0.1
L07a	Adell	83.26	40	P	P	02 40 47.2 +0.6
T12a	Moapa	83.26	47	↑P	P	02 40 47.3 +0.5
N08a	GE Springer Mi	83.28	42	P	P	02 40 46.9 +0.1
X14a	Yava	83.34	49	↑P	P	02 40 47.6 +0.3
G04a	Mulino	83.37	36	↑P	P	02 40 47.1 0.0
I05a	Bend	83.41	38	↑P	P	02 40 47.7 +0.4
J06a	Christmas Vall	83.50	39	P	P	02 40 47.8 -0.1
M08a	Happy Creek Ra	83.51	41	↑P	P	02 40 48.1 +0.2
O09a	Fish Creek Ran	83.52	43	P	P	02 40 48.1 +0.1
W14a	Seligman	83.59	49	↑P	P	02 40 48.9 +0.4
E03a	Leban	83.63	35	P	P	02 40 48.7 +0.3
BMN	Battle Mountai	83.65	42	eP	pmax	02 40 48.5 -0.2
BMN	Battle Mountai	83.65	42	eP	pmax	02 40 48.5 -0.2
P10a	Eureka	83.68	43	P	P	02 40 48.9 +0.1
N09a	Rock Creek Ran	83.70	42	P	P	02 40 49.2 +0.3
K07a	Rock Creek Ran	83.71	40	P	P	02 40 49.2 +0.4
H01a	Madras	83.73	37	↑P	P	02 40 48.9 -0.1
Q15a	Duckwater	83.78	44	P	P	02 40 49.2 -0.1
TUC	Tucson	83.78	52	↑P	P	02 40 50.0 +0.5
TUC	Tucson	83.78	52	↑P	P	02 40 50.0 +0.5
X15a	Humboldt	83.82	50	↑P	P	02 40 50.0 +0.4
F04a	Amboy	83.86	36	P	P	02 40 49.5 0.0
D03a	Wishkah Elem.	83.88	34	↑P	P	02 40 49.9 +0.3
I06a	Prineville	83.88	38	↑P	P	02 40 50.2 +0.5
PSI	Prapat	83.92	275	P	P	02 40 50.0 -0.7
WVOR	Wild Horse Val	83.92	40	↑P	P	02 40 49.8 -0.1
WVOR	Wild Horse Val	83.92	40	↑P	P	02 40 49.8 -0.2
L08a	Fields	83.96	40	P	P	02 40 50.4 +0.3
T13a	Saint George	83.96	47	↑P	P	02 40 50.5 +0.2
VIPM	Ingram Point	83.99	38	P	P	02 40 50.4 +0.1
C03a	Quillayute Air	84.01	33	↑P	P	02 40 50.4 +0.3
O10a	Cortez Mining,	84.03	43	P	P	02 40 50.7 +0.1
G05a	Wamic	84.04	37	↑P	P	02 40 50.5 0.0
M09a	Marrel Ranch,	84.07	42	↑P	P	02 40 51.1 +0.4
J07a	Hines	84.07	39	P	P	02 40 51.0 +0.3
P11a	Circle Ranch,	84.10	44	↑P	P	02 40 50.8 -0.1
E04a	Onalaska	84.11	35	↑P	P	02 40 51.5 +0.8
MA2	Magadan	84.12	345	eP	pmax	02 40 49.1 -1.4
MA2	Magadan	84.12	345	eP	pmax	02 40 49.1 -1.4
W15a	Williams	84.15	49	↑P	P	02 40 51.9 +0.7
K08a	Mann Creek Ran	84.19	40	P	P	02 40 51.5 +0.3
R12a	Pony Springs	84.19	45	P	P	02 40 51.5 +0.2
N10a	Dunphy	84.26	42	↑P	P	02 40 51.6 0.0
L09a	Wilkinson Ranc	84.27	41	P	P	02 40 51.8 +0.1
H06a	Lindquist Farm	84.29	38	P	P	02 40 51.8 +0.1
F05a	White Salmon	84.36	36	↑P	P	02 40 51.8 -0.2
I07a	Ize	84.38	38	P	P	02 40 52.5 +0.4
D04a	Dobbs Creek Ra	84.39	35	↑P	P	02 40 52.1 -0.1
G06a	Carlson Farm,	84.42	37	P	P	02 40 52.2 -0.1
Q12a	Willow Creek R	84.42	45	↑P	P	02 40 52.5 0.0

SLKM	Skilak Lake	84.45	14	eP	P	02 40 51.0 -1.1
O11a	Cowboy Ranch,	84.48	43	P	P	02 40 52.9 +0.2
T14a	Hurricane	84.55	47	↑P	P	02 40 53.1 0.0
J08a	Circle Bar Ran	84.56	39	↑P	P	02 40 53.1 +0.1
P12a	McGill	84.61	44	↑P	P	02 40 53.3 -0.1
E05a	Randley	84.61	35	P	P	02 40 53.0 -0.3
CCUT	Cedar City	84.61	46	eP	P	02 40 53.3 -0.2
B04a	Port Angeles	84.62	34	↑P	P	02 40 53.4 +0.2
K09a	Rome	84.63	40	↑P	P	02 40 53.3 -0.1
F06a	Goldendale	84.66	37	P	P	02 40 53.5 +0.1
ARUT	Antelope Range	84.68	46	eP	P	02 40 53.7 -0.1
C04a	Brinnon	84.69	34	P	P	02 40 53.9 +0.3
GAMB	Gambell	84.69	3	eP	P	02 40 52.5 -0.7
M10a	IL. Ranch, Tu	84.69	42	↑P	P	02 40 54.2 +0.4
N11a	Elko Archery C	84.80	43	↑P	P	02 40 54.2 -0.2
I08a	Drewsey	84.82	39	↑P	P	02 40 54.3 0.0
S14a	Cedar City	84.85	46	↑P	P	02 40 55.1 +0.5
D05a	Enumclaw	84.87	35	↑P	P	02 40 54.8 +0.3
WUAZ	Wupatki	84.95	49	↑P	P	02 40 55.2 0.0
WUAZ	Wupatki	84.95	49	↑P	P	02 40 55.2 +0.2
J09a	Fry Canyon	84.98	40	P	P	02 40 55.2 +0.1
G07a	Ruggs Ranch, H	84.98	37	P	P	02 40 55.0 -0.1
E06a	Yakima	85.02	36	P	P	02 40 55.5 +0.3
PGC	Sidney	85.03	33	↑P	P	02 40 54.9 -0.3
L10a	Juniper Basin	85.04	41	P	P	02 40 55.5 +0.1
ELK	Elko	85.08	43	eP	P	02 40 55.4 -0.2
ELK	Elko	85.08	43	eP	pmax	02 40 55.4 -0.3
M11a	Holland Ranch,	85.11	42	↑P	P	02 40 56.0 +0.2
H08a	Prairie City	85.12	38	↑P	P	02 40 55.7 0.0
O12a	Currie	85.14	44	↑P	P	02 40 56.1 +0.1
K10a	MacKenzie Ranc	85.19	41	P	P	02 40 56.2 +0.1
F07a	Philly Hill Vi	85.21	37	P	P	02 40 56.2 0.0
N12a	Clover Valley,	85.27	43	↑P	P	02 40 56.4 -0.2
I09a	Lost Marbles R	85.35	39	P	P	02 40 56.8 -0.1
C05a	Tolt Reservoir	85.35	35	P	P	02 40 56.7 -0.1
G08a	Pilot Rock	85.40	38	P	P	02 40 57.2 +0.1
A04a	Legoe Bay, Lum	85.46	33	↑P	P	02 40 57.3 0.0
B05a	Bryant	85.49	34	P	P	02 40 57.4 0.0
D06a	Cle Elum	85.49	35	↑P	P	02 40 57.4 0.0
L11a	Cat Creek Ranc	85.53	42	↑P	P	02 40 57.7 -0.2
CMW	Cultus Mountai	85.58	34	P	P	02 40 58.0 +0.2
J10a	Berg Farm, Mel	85.62	40	↑P	P	02 40 58.1 -0.1
M12a	Wells	85.65	43	P	P	02 40 58.5 +0.1
E07a	Sunnyside	85.65	36	↑P	P	02 40 58.1 -0.2
PMR	Palmer	85.66	14	eP	P	02 40 56.3 -1.6
PMR	Palmer	85.66	14	eP	pmax	02 40 56.3 -1.6
H09a	Durkee	85.79	39	P	P	02 40 58.9 -0.1
N13a	Wendover West	85.80	43	↑P	P	02 40 58.9 -0.2
F08a	Pendleton	85.80	37	P	P	02 40 59.0 0.0
BJT	Bajitatu	85.82	316	eP	P	02 40 59.1 -0.1
BJT	Bajitatu	85.82	316	eP	pmax	02 40 59.1 -0.1
BJT	Beijing	85.83	316	P	P	02 40 59.4 +0.2
BJT	Beijing	85.83	316	P	pP	02 43 07.6 +7.2
BJT	Beijing	85.83	316	P	pP	02 44 07.7 +1.1
BJT	Beijing	85.83	316	P	SS	02 44 30.6 +1.0
BJT	Beijing	85.83	316	P	SS	02 44 33.8 +1.2
BJT	Beijing	85.83	316	P	AMB	02 40 59.4 +0.2
BJT	Beijing	85.83	316	P	AMB	02 40 59.4 +0.2
BJT	Beijing	85.83	316	P	AMB	02 40 59.4 +0.2
MSU	Marysville	85.91	46	eP	P	02 41 00.1 +0.4
C06a	Tall Timber Ra	85.91	35	↑P	P	02 40 58.8 -0.6
A05a	Maple Falls	85.95	33	↑P	P	02 40 59.2 -0.4
B06a	Marblemount	85.97	34	↑P	P	02 40 59.4 -0.3
D07a	Quincy	85.97	36	P	P	02 40 59.8 0.0
I10a	Payette	85.97	40	↑P	P	02 41 00.2 +0.4
L12a	House Creek Ra	85.98	42	P	P	02 41 00.2 +0.3
E08a	Dider Farm, El	86.05	37	↑P	P	02 40 59.9 -0.3
M13a	Montello	86.09	43	P	P	02 41 00.4 -0.1
BMO	Blue Mountains	86.11	39	↑P	P	02 40 59.9 -0.5
MFID	Camas Ranch	86.18	41	P	P	02 41 00.8 0.0
C07a	Waterville	86.22	35	P	P	02 41 00.6 -0.3
F09a	S2 Ranch, Elgi	86.25	38	P	P	02 41 01.1 0.0
WTV	Waterville	86.28	35	P	P	02 41 00.9 -0.3
H10a	Noah's Angus R	86.28	39	P	P	02 41 01.0 -0.3
K12a	Draper Farm, C	86.32	42	P	P	02 41 01.6 +0.1
DUG	Dugway	86.36	44	eP	P	02 41 01.4 -0.4
DUG	Dugway	86.36	44	eP	pmax	02 41 01.4 -0.4
DUG	Dugway	86.36	44	↑P	P	02 41 0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Red Top Meadow, Teton Pass, Hot Springs, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BRVK Borovoye, BRVK Borovoye, SCHO Schefferville, etc.

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



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

Code Station Name Az Az' Phase ID Time Res
AML Almayashu 1.49 54 P Pn 02 31 15.2 -1.4
EKS2 Erkin-Say 1.89 42 P Pn 02 31 22.6 +0.6

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GERES, NB2, NOA, etc.

CSEM 07 02:36:32.40.0.1, 3714N:3047E, h80km, Mw3.1, Error ellipse: s-maj=2.1km s-min=1.1km az=53.0

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

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

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

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

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

IDC 07 02:52:45.2.3, 4089N:7209E, h0km, mb3.7/6, mb1 3.8/8, mb1mx3.5/22, mb1mx3.6/8, ML3.2/2, Error ellipse: s-maj=54.5km s-min=18.6km az=158.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML, EKS2, UCH, etc.





WEL 07 04:23:45.0,4, 37045,17755E,h168km,3km,ML3.5/9, ID, Error ellipse: s-maj=5.4km s-min=4.7km az=0.0, Off east coast North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PUK, Urewera, Matawai, Kokohu, etc.

IDC 07 04:28:14.2,1.7, 3438N,2554E,h0km,mb3.5/3,mb1 3.6/5, s-maj=17.5km s-min=14.4,3/1, Error ellipse: s-maj=17.5km s-min=14.4,3/1, az=123.0

CSEM 07 04:28:18.5,0.1, 3437N,2544E,h52km,1km,MD3.8, Error ellipse: s-maj=3.0km s-min=2.5km az=39.0

ISCJB 07 04:28:19.0,0.4, 3439N,004:2543E,005,h57km,8km, mb3.6/3, Error ellipse: s-maj=7.5km s-min=5.7km az=161.7

ATH 07 04:28:19.1, 3446N,2531E,h30km,3km,MD3.8/8 NEIC 07 04:28:19.1, 3446N,2531E,h30km,MD3.8(ATH), After ATH

HLW 07 04:28:23.5, 3471N,2616E,h33km, Mb3.6 ISC 07 04:28:20.4,0.4, 3443N,005:2539E,005,h46km,9km,n47, s-maj=5.3km s-min=4.2, az=123.0, Create

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like XRY, NPS, IDI, ZKR, etc.

LTBO 59nm,0.8s,SNR=76

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

LJB 45nm,0.5s,SNR=76

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

AKASG Malin Array Be 16.50 9 Pn 04 30 18.8 +0.2

AKASG Malin Array Be 16.50 9 Pn 04 30 18.8 +0.2

AKASG Malin Array Be 16.50 9 Pn 04 30 18.8 +0.2

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AKASG Malin Array Be 16.50 9 Pn 04 30 18.8 +0.2

AKASG Malin Array Be 16.50 9 Pn 04 30 18.8 +0.2

MAR Malanchi Array 13.13 36 P Pn 04 53 46.4 +0.7

KOLN Koldanda 13.74 126 eP Pn 04 53 53.5 -0.1

GOKH Gorikha 14.27 123 eP Pn 04 53 58.8 -1.3

DGN Daman 14.84 123 eP Pn 04 54 06.9 -0.2

KKN Kakani 14.84 122 eP Pn 04 54 06.3 -0.8

AB31 Akbulak Array 15.04 331 Pn Pn 04 54 11.0 +1.7

AB31 Akbulak Array 15.04 331 Pn Pn 04 54 11.0 +1.7

PKI Putchoki 15.07 123 eP Pn 04 54 09.6 -0.3

GUN Gumba 15.18 121 eP Pn 04 54 10.3 -0.9

JIRN Jiri 15.55 121 eP Pn 04 54 14.5 -1.2

AKTK Aktyubinsk 16.74 330 P Pn 04 54 29.0 +0.6

AKTO Aktyubinsk 16.74 330 P Pn 04 54 29.0 +0.5

AKTO Aktyubinsk 16.74 330 P Pn 04 54 29.0 +0.6

TAPN Taplejung 16.80 119 eP Pn 04 54 31.0 +1.6

ODAN Odare 16.88 121 eP Pn 04 54 32.6 +2.3

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

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AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

AKASG Malin Array Be 32.96 309 P Pn 04 57 01.8 -0.4

KDAG Bornova 2.93 314 iP Pn 05 25 58.3 -0.6

AKS Akhisar 3.00 326 Pn Pn 05 25 58.8 -1.1

AKS Akhisar 3.00 326 ePn Pn 05 25 58.8 -1.1

IKL Isiklik 3.02 322 ePn Pn 05 26 00.9 +0.8

IKL Isiklik 3.02 322 ePn Pn 05 26 00.9 +0.8

BLBC Balçova 3.05 311 ePn Pn 05 25 59.8 -0.7

BLBC Balçova 3.05 311 ePn Pn 05 25 59.8 -0.7

ESKT Eskisehir 3.19 13 iP Pn 05 26 02.1 -0.4

ESKT Eskisehir 3.19 13 iP Pn 05 26 02.1 -0.4

ESKT Eskisehir 3.19 13 iP Pn 05 26 02.1 -0.4

ESKT Eskisehir 3.19 13 iP Pn 05 26 02.1 -0.4

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ESKT Eskisehir 3.19 13 iP Pn 05 26 02.1 -0.4

ESKT Eskisehir 3.19 13 iP Pn 05 26 02.1 -0.4

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TIRR, GRB, MLR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NEIC, MOS, IDC, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LTZ, MQZ, RPZ, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FCC, PDAR, YKA, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NOA, LIC, NA01, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ISCB, ISK, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC, ISCB, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC, ISCB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NAKASH, RAUSU, YUZH-KURIL'SK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEL3, MGAN, APON, SSNN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THZ, KHZ, MOZ, STKA, WRA, YKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAN, KCP, KPC, CGP, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEIC, GHO, PMR, SML, etc.

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

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

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

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

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

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

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

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

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HATZ Hinemaiaia, KARZ Kaharoa, and many others.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, and many others.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HABR Khabarovsk, KLR Kul'dur, WHN Wuhan, and many others.

CSEM 07 09:48:43.9, 37.96N-2077E, h22km, MD3.5/4, After ATH
ATH 07 09:48:43.9, 37.96N-2077E, h22km, 1km, MD3.5/4, Ionian Sea

IDC 07 10:25:26.3, 6.6, 2412S, 17976E, h545km, 73km, mb3.2/4, m-b1 3.4/5, mb1mx3.2/13, mbtmp3.2/5, Error ellipse: s-maj=102.0km s-min=33.3km az=157.0, South of Fiji Islands

IDC 07 10:34:06.5, 5.0, 765S, 12743E, h85km, 46km, mb3.7/4, m-b1 3.9/6, mb1mx3.7/13, mbtmp3.8/6, ML4.0/2, Error ellipse: s-maj=88.1km s-min=19.9km az=63.0

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WRA, AAK, KDKA, PMR, MCK, COLA, DZM, EGAK, DAWY, ARU, ARJ, ARMA, FORT, STKA, STKA, STKA, INK, INK, INK, AKTK, AKTK, AKTK, MORW, NWAQ, NWAQ, NWAQ, NWAQ, KEV, KEV, RES, ARCES, ARCES, ARCES, YKA, YKA, YKA, JOF, JOF, JOF, OBN, OBN, B05A, KAF, KAF, E04A, FINES, FINES, FINES, FINES, C05A, A07A, F04A, C06A, B07A, I03A, D06A, E06A, F05A, C07A, H04A, B08A, A09A, D07A, I04A, C08A, E07A, B09A, G06A, J04A, A10A, I05A, F07A, EDM, D08A, C09A, O01C, YBH, E08A, M02C, H06A, D09A, J05A.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like G07A, NEW, NEW, NEW, A11A, C10A, M04C, I06A, E09A, M03C, WDC, O02C, B11A, G08A, K05A, A12A, D10A, J06A, I07A, K06A, B12A, F09A, E10A, H08A, D11A, F10A, J07A, MOD, M08C, J09A, FARB, M06C, O04C, WALA, K07A, B13A, SUTB, E11A, ORV, ELFS, Q03C, J08A, O05C, L07A, C13A, I09A, K08A, G11A, WVOR, WVOR, N06A, H10A, J09A, BEKR, M07A, C14A, L08A, O06A, F12A, LAVA, K09A, H11A, M08A, E13A, J10A, L09A, R05C, PACP, F13A, H11A, K10A, O07A, CMB, CMB, HAST, E14A, HFS, HFS, H12A, MFID, M09A.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NOA, NOA, G13A, S05C, R06C, S06C, N09A, L10A, E15A, H13A, M10A, R07C, PKD, L11A, F15A, T06C, LRM, U05C, I13A, HLID, HLID, O09A, KCC, NVAR, NVAR, Q08A, MLAC, J13A, EGMT, M11A, G15A, R08A, P09A, L12A, BOZ, MTUM, HELL, SMMC, K13A, S08C, P10A, M12A, O11A, N12A, L13A, R09A, S09A, K14A, M13A, BRTR, BRTR, ISA, GRAC, O12A, S10A, R10A, Q11A, LKWY, LKWY, P12A, MPMC, LRMC, Q12A, FURC, EDW2, S11A, U10A, R12A, GSC, HWUT, DUG, DUG, S11A, SHPR, TUQ, BW06, PDAR, HEC, MURC, JLU, V11A, U12A, T13A, 109C, GMRC.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Nelson, Cedar City, Pinyon Flat Ob, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Barje, Stip, Sjenica, Florina, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Javornik, Obir, Apeiranthos, etc.

PRU 07 10:51:38.4, 4179N:1935E, h0km
CSEM 07 10:51:42.5, 0.1, 4202N:2048E, h10km, ML3.8, Error
ISCJB 07 10:51:43.1, 0.2, 4202N:2050E, h10km, mb3.6/5, Error ellipse: s-maj=2.4km s-min=1.5km az=39.9

GRG Griva 1.75 126 ePb
GRU Gruza 1.88 4 iPh
KKB Krupnik 1.91 93 iPh
KZN Kozani 1.94 151 ePn
BBLB Bajina Basta - 2.03 336 iPh

WTTA Wattenberg 8.23 313 iPh
WTTA Wattenberg 8.23 313 iPh
WTTA Wattenberg 8.23 313 iPh
WTTA Wattenberg 8.23 313 iPh

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Skopje, Ohrid, Titane, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Divcibare, Ston, Stajinac, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Anapa, Signal de Mont, Saint Lorges, etc.

ATH 07 11:35:12.1, 3948N:2287E, h23km, 16km, MD3.1/4
ISCJB 07 11:35:13.4, 0.5, 3936N:004-2285E, h26km, 6km, Error ellipse: s-maj=7.7km s-min=5.2km az=35.8







Table with columns: JOW, Kunigami, 4.98 53 Pn Pn, 15 19 39.7 -1.5, etc. Includes stations like Tokushima, Amami Oshima, Minamidaito, etc.

NEIC 07 15:23:15.5, 3846S, 17589E, h157km, MG3.7(WEL), After WEL. WEL 07 15:23:16.2±0.4, 3849S, 17589E, h151km, 3km, ML3.5/7, Error ellipse: s-maj=2.1km s-min=2.1km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, etc. Includes stations like Whakapapa, Tukino, Haurangi, etc.

Table with columns: PUZ, Puketiti, 1.91 78 Pn Pn, 15 23 49.8 -0.5, etc. Includes stations like Mangatainoka R, Birch Farm, etc.

NEIC 07 15:38:31.7±1.2, 5146N, 1620E, h5km, ML2.8(SZGRF), ML2.6(BRA), Error ellipse: s-maj=13.3km s-min=5.6km az=193.0. ISC/JB 07 15:38:32.0±0.7, 5132N, 003.3, 1612E, 003, h0km, Error ellipse: s-maj=5.1km s-min=2.6km az=14.1.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, etc. Includes stations like KSP, Ksiazi, Upec, etc.

Table with columns: GEC2, GERESS Array S, 2.99 212 Pn Pn, 15 23 06.8 -1.9, etc. Includes stations like Wetzell, Modra-Piesok, etc.

BUI 07 15:42:22.2, 1033S, 12403E, h21km, mb5.1, mb4.9, Ms4.3, Ms24.3. IDC 07 15:42:22.9±0.6, 1030S, 12360E, h0km, mb4.7/10, mb1.4/7.11, mb1mx4.6/15, mbtmp4.7/11, ML4.9/1, MS4.0/8, Ms1.4/0.8, ms1mx3.7/20, Error ellipse: s-maj=29.0km s-min=14.7km az=71.0.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, etc. Includes stations like Wainapu, Ambon, Filtroz Crossi, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CHRT, KMI, WHN, CD2, MAJO, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Zalesovo, YAK, MA2, NVA2, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TCW, BHW, TUWZ, NNZ, etc.

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res, ISC. Includes stations like Eielson Array, COLA College, DOT Lake, etc.

ISCJB 07 16:48:32.7, 1.0, 168S:0.1, 17787W:0.07, h369km, 9km, mb4.2/25, Error ellipse: s-maj=20.6km s-min=7.1km az=157.5

MOS 07 16:48:33.8, 1.2, 1657S:17788W, h372km, mb4.3/6, Error ellipse: s-maj=20.0km s-min=18.1km az=83.0

BUJ 07 16:48:34.4, 1.712S:17773W, h405km, mb5.0, mb4.4

IDC 07 16:48:34.0, 1.6, 1704S:17761W, h380km, 17km, mb3.7/10, mb1.3/9, 12, mb1mx3.8/17, mb1mx3.7/12, Error ellipse: s-maj=21.1km s-min=10.9km az=138.0

NEIC 07 16:48:37.4, 2.6, 1708S:17770W, h416km, 28km, mb4.4/8, Error ellipse: s-maj=20.1km s-min=14.9km az=154.0

ISC 07 16:48:33.8, 1.0, 167S:0.1, 17788W:0.07, h369km, 9km, mb4.03km, 4.2km, P-P, n273, r065/188, mb4.2/25, 75C-69D, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res, ISC. Includes stations like AFI Afiamalu, DZI Dzumac, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res, ISC. Includes stations like Toulon, MOD Modoc, R09A Tonopah, etc.

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res, ISC. Includes stations like BJI Beijing, C09A Chrisman Ranch, HLID Hailey, etc.

7d 18h

Table with columns: Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KOLS Kolonickie sedl, KSP Ksiaz, KSP Ksiaz, etc.

7d 18h

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

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

ICC 07 16:59:38.71.3, 2102N, 122.15E, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.7/19, mbtmp3.8/7, MsJ.5/1, MS3.0/2, Ms1 3.0/2, ms1mx2.6/25, Error ellipse: s-maj=41.6km s-min=26.4km az=62.0

JMA 07 16:59:42.8.0.4, 2112N, 122.18E, h86km, ISCJB 07 16:59:43.3.1.9, 2110N, 122.33E, h10km, mb3.8/1, Error ellipse: s-maj=19.0km s-min=12.7km az=51.0

NEIC 07 16:59:46.0.2.7, 2110N, 122.31E, h58km, 24km, mb3.8/1, Error ellipse: s-maj=19.0km s-min=12.7km az=51.0

ISC 07 16:59:44.8.1.9, 2109N, 122.00E, h1.0km, mb3.8/1, n22, s=0.92/23, mb3.7/7, MS3.1/1, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ Haterama jima, YHJ Yonaguni jima, etc.

NEIC 07 17:00:05.1, 1550N, 94.76W, h16km, MD4.1 (MEX), After MEX

MEX 07 17:00:05.1, 1550N, 94.76W, h16km, MD4.1, Near coast of Oaxaca

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

ICC 07 17:57:54.3.1.3, 3502N, 72.50E, h0km, mb3.5/4, mb1 3.6/6, mb1mx3.4/22, mbtmp3.5/6, ML3.1/2, Error ellipse: s-maj=31.4km s-min=26.6km az=126.0

ISCJB 07 17:57:57.2.0.5, 3508N, 006.7296E, 006, h33km, mb3.5/3, Error ellipse: s-maj=8.3km s-min=6.1km az=22.3

NEIC 07 17:57:59.5.0.5, 3505N, 005.7289E, h50km, 18km, Error ellipse: s-maj=18.4km s-min=13.8km az=165.0

ISC 07 17:57:59.5.0.5, 3505N, 005.7289E, h35km, n21, s=137/24, mb3.5/3, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KBL Kabul, AAK Ala-Archa, KOLN Koldanda, etc.

ICC 07 18:54:58.0.0.1, 1776S, 003.7106W, 003, h64km, mb5.1/98, Error ellipse: s-maj=4.84km s-min=3.2km az=37.4

MOS 07 18:54:59.6.1.0, 1752S, 71.21W, h64km, mb5.7/79, Ms4.9/1, Error ellipse: s-maj=9.0km s-min=5.5km az=82.0

BJJ 07 18:54:59.1, 1707S, 71.10W, h52km, 4.6, Ms5.4, Msz5.3, GCMT 07 18:55:00.4.0.1, 1792S, 71.28W, h81km, 1km, MW5.5/89, Moment Tensor Solution, s89,c144; s82,c145;

Duration: 1s4 Moment tensor: Scale 1011Nm; M1-0.83; 0.4; M2-0.08; 0.4; M3-0.90; 0.5; M4-1.48; 0.2; M5-0.36; 0.4; M6-1.40; 0.3; Best double couple: M1: 7.0000; 1017; NP1: 0.67; 000000; 0.15; 000000; 0.15; 000000; NP2: 0.31; 000000; 0.79; 000000; 0.15; 000000; Principal axes: T: 2.2240, P1g33.0000; Azm57.0000; N: 0.0370, P1g12.0000; Azm319.0000; P: Azm131.0000; N: 2.5300, P1g49.0000; Azm238.0000;

NEIC FELT [IV] at Arequipa, [III] at Ilo and [II] at Mollendo. Felt at Paococha and Tacna. Also felt [IV] at Arica and Putre; [III] at Iquique; [II] at Maria Elena and Tocopilla, Chile. Felt at La Paz, Bolivia.

SZGRF 07 18:55:10.2, 1689S, 6880W, h65km, mb5.7, Peru-Bolivia

ISC 07 18:55:00.4.0.1, 1776S, 003.7099W, 003, h66km, h66km, 0.8km, pp-N, n85.4, c678/696, mb5.3/196, 136C-107D, Near coast of Peru

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



Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ La Paz, CEN1 CEN1, ANCH Antofagasta, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like JCT Junction City, WLN Prospectdale, WWT Waverly, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LENM Lemitar, LONL Lake Ozonia, LAZ Ladron, etc.

EDW2	Edwards Air Fo	68.80 320	UP	P	19 05 57.9 -0.2
MPU	Maple Canyon	68.83 328	eP	P	19 05 58.3 +0.1
MPU	Ash Meadows, A	68.84 322	UP	P	19 05 58.7 +0.4
LRMC	Laurel Mountai	69.01 320	UP	P	19 05 59.6 +0.2
NLU	North Lily Min	69.01 327	eP	P	19 05 59.4 +0.1
NSU	Osito Adit	69.08 319	UP	P	19 05 59.7 +0.1
FURC	Furnace Creek	69.18 322	UP	P	19 06 00.8 +0.4
R12A	Pony Springs,	69.19 325	UP	P	19 06 01.0 +0.6
EGOM	La Gomera	69.22 50	UP	P	19 06 04.1 +3.3
BSC	Santa Cruz Isl	69.25 318	UP	P	19 06 00.9 0.0
MPMC	Manual Prospec	69.28 321	P	P	19 06 01.2 +0.1
LIC	Lamto	69.31 76	eP	P	19 06 00.5 -1.3
LIC	Lamto	69.31 76	eP	P	19 06 01.0 -0.8
LIC	Lamto	69.31 76	eP	P	19 06 00.5 -1.3
LIC	Lamto	69.31 76	eP	P	19 06 00.5 -1.3
S11A	Rachel	69.35 323	UP	P	19 06 02.3 +0.9
AGMN	Agassiz Refuge	69.42 343	eP	P	19 06 00.3 -1.3
AGMN	Toumodi	69.47 76	eP	P	19 06 16.7 -2.6
TIC	Darwin (Calif)	69.49 321	eP	P	19 06 02.5 +0.1
DAC	Darwin (Calif)	69.49 321	eP	P	19 06 21.1 +1.1
DAC	Darwin (Calif)	69.49 321	eP	P	19 06 02.5 +0.2
DUG	Dugway	69.57 327	UP	P	19 06 03.0 +0.2
ISA	Isabella	69.61 320	UP	P	19 06 03.3 +0.2
KIC	Kosan Boka	69.63 76	eP	P	19 06 03.0 -0.7
CCAN	Las Canadas	69.69 50	P	P	19 06 05.3 +1.5
TRCR	Troy Canyon	69.75 324	eP	P	19 06 04.1 +0.2
TRCR	Willow Creek R	69.81 325	UP	P	19 06 04.6 +0.3
GRAC	Grapevine Rang	69.84 322	UP	P	19 06 05.4 +0.9
CWC	Cottonwood Cre	69.89 321	UP	P	19 06 05.3 +0.5
PDAR	Pinedale Array	69.91 331	P	P	19 06 04.8 0.0
PDAR	PDAR	69.91 331	P	P	19 06 22.6 +0.2
PDAR	PDAR	69.91 331	P	P	19 34 07.0
PDAR	PDAR	69.91 331	P	P	19 37 36.2
PKM	Peak Mountain	69.94 319	UP	P	19 06 05.5 +0.3
S10A	Tonopah Range,	70.02 323	UP	P	19 06 05.9 +0.3
VES	Vestal, Richgr	70.10 320	UP	P	19 06 06.2 +0.1
R10A	Warm Springs	70.11 323	UP	P	19 06 07.1 +1.0
Q11A	Duckwater	70.13 324	P	P	19 06 06.8 +0.6
P12A	McGill	70.17 325	UP	P	19 06 06.9 +0.5
BGU	Big Grassy Mou	70.22 327	eP	P	19 06 06.6 -0.1
BGU	Goldfield	70.25 323	UP	P	19 06 23.5 -0.9
S09A	Simmler	70.32 319	UP	P	19 06 07.0 0.0
SMMC	Tinemaha	70.39 321	UP	P	19 06 07.8 +0.3
TIN	Tinemaha	70.39 321	UP	P	19 06 08.2 +0.4
TPH	Tonopah	70.49 323	eP	P	19 06 09.3 +0.9
TPH	Tonopah	70.49 323	eP	P	19 06 26.4 +0.3
TPH	Tonopah	70.49 323	eP	P	19 06 09.4 +1.0
TPH	Tonopah	70.49 323	eP	P	19 06 26.4 +0.3
RCTC	Rector, Farmer	70.50 320	UP	P	19 06 08.4 -0.1
R09A	Tonopah	70.51 323	UP	P	19 06 09.0 +0.5
HELL	Mitchell Peak,	70.61 321	P	P	19 06 09.3 +0.1
O12A	Currie	70.64 326	UP	P	19 06 09.6 +0.3
S08C	White Mtn Res	70.65 322	UP	P	19 06 10.0 +0.6
P11A	Circle Ranch,	70.68 325	UP	P	19 06 09.9 +0.3
N13A	Wendover, West	70.78 327	UP	P	19 06 10.1 -0.1
MTUM	Tungsten Hills	70.79 321	eP	P	19 06 10.9 +0.6
MTUM	Maitri	70.97 160	eP	P	19 06 28.5 +0.6
Q09A	Carvers	70.98 323	UP	P	19 06 10.1 -0.8
NVL	N'lazarevskaya	71.00 160	d/P	P	19 06 11.6 +0.2
NVL	N'lazarevskaya	71.00 160	d/P	P	19 06 12.2 +1.1
NVL	N'lazarevskaya	71.00 160	d/P	P	19 06 12.2 +1.1
NVL	N'lazarevskaya	71.00 160	d/P	P	19 06 12.2 +1.1
O11A	Cowboy Ranch,	71.04 325	UP	P	19 06 11.8 +0.1
PKD	Parkfield	71.07 319	UP	P	19 06 11.9 -0.1
V04C	Ramage Ranch,	71.08 319	UP	P	19 06 12.1 +0.1
P10A	Eureka	71.12 324	UP	P	19 06 12.9 +0.7
M13A	Montello	71.12 327	UP	P	19 06 11.9 -0.3
MLAC	Mammoth Lakes	71.13 322	UP	P	19 06 13.0 +0.6
ULM	Lac du Bonnet	71.19 343	eP	P	19 06 10.5 -1.9
ULM	Lac du Bonnet	71.19 343	eP	P	19 06 28.0 -2.1
ULM	Lac du Bonnet	71.19 343	eP	P	19 06 10.2 -2.2
ULM	Lac du Bonnet	71.19 343	eP	P	19 06 29.0 -1.1
ULM	Lac du Bonnet	71.19 343	eP	P	19 06 35.7 -1.7
ULM	Lac du Bonnet	71.19 343	eP	P	19 06 28.9
KCC	Kaiser Creek	71.22 321	UP	P	19 06 13.1 +0.2
N12A	Clover Valley,	71.22 326	UP	P	19 06 12.7 -0.1
T06C	Millerton Lake	71.24 321	UP	P	19 06 12.9 -0.2
ELK	Elko	71.25 326	eP	P	19 06 13.2 +0.2
ELK	Elko	71.25 326	eP	P	19 06 30.7 0.0
ELK	Elko	71.25 326	eP	P	19 06 13.5 +0.5
ELK	Elko	71.25 326	eP	P	19 06 31.2 +0.5
ELK	Elko	71.25 326	eP	P	19 06 38.8
NVAR	Mina Array Bea	71.35 322	P	P	19 06 13.4 -0.2
NVAR	Mina Array Bea	71.35 322	P	P	19 06 31.4 -0.1
Q08A	Gabbs	71.43 323	UP	P	19 06 14.5 +0.4
P09A	Austin	71.45 324	UP	P	19 06 14.6 +0.4

U04C	Hernandez Rese	71.48 319	UP	P	19 06 14.9 +0.4
K14A	Jones Ranch, D	71.49 328	UP	P	19 06 14.5 +0.1
L13A	Double Diamond	71.54 328	UP	P	19 06 14.9 +0.2
V03C	Hunter Liggett	71.55 319	UP	P	19 06 15.4 +0.5
M12A	Wells	71.56 327	UP	P	19 06 14.4 -0.4
N11A	Elko Archery C	71.56 326	UP	P	19 06 14.8 -0.1
O10A	Cortez Mining,	71.56 325	UP	P	19 06 15.5 +0.4
LRV	Little Rabbit	71.67 319	eP	P	19 06 16.8 +1.1
T05C	Eagle Field, D	71.76 320	UP	P	19 06 16.6 +0.5
S05C	Merced	71.84 320	UP	P	19 06 17.0 +0.3
O09A	Fish Creek Ran	71.91 324	UP	P	19 06 17.1 +0.1
N10A	Dunphy	71.91 325	UP	P	19 06 16.9 -0.1
HAST	UC Hastings Re	71.98 319	UP	P	19 06 17.9 +0.4
K13A	Stover Farm, H	72.02 328	UP	P	19 06 17.6 0.0
M11A	Holland Ranch,	72.03 326	P	P	19 06 18.1 +0.4
P08A	Dixie Valley	72.08 324	UP	P	19 06 18.5 +0.5
R06C	Coleville	72.09 322	UP	P	19 06 18.7 +0.7
BMN	Battle Mountai	72.10 325	eP	P	19 06 36.5 +0.6
L12A	Hot Creek Ran	72.13 327	UP	P	19 06 18.5 +0.3
PACP	Pacheco Peak	72.21 320	UP	P	19 06 19.4 +0.5
CMB	Columbia Colle	72.32 321	eP	P	19 06 19.6 +0.1
CMB	Columbia Colle	72.32 321	eP	P	19 06 37.2 -0.1
CMB	Columbia Colle	72.32 321	eP	P	19 06 19.6 +0.1
CMB	Columbia Colle	72.32 321	eP	P	19 06 37.2 -0.1
SCHO	Schefferville	72.39 3	eP	P	19 06 17.6 -1.9
SCHO	Schefferville	72.39 3	eP	P	19 06 35.5 -1.8
SCHO	Schefferville	72.39 3	eP	P	19 06 18.3 -1.2
SCHO	Schefferville	72.39 3	eP	P	19 06 36.2 -1.0
QSPA	South Pole Qui	72.41 180	eP	P	19 06 19.7 +0.3
K12A	Draper Farm, C	72.42 328	P	P	19 06 20.7 +0.7
M10A	LL Ranch, Tu	72.49 326	UP	P	19 06 20.7 +0.3
L11A	Hot Creek Ran	72.53 327	UP	P	19 06 21.2 +0.6
S04C	Ingram Canyon,	72.55 320	UP	P	19 06 21.1 +0.3
N09A	Rock Creek Ran	72.56 325	UP	P	19 06 21.3 +0.4
R05C	Kirkwood Meado	72.57 322	UP	P	19 06 21.6 +0.6
J13A	Cove Ranch, Pi	72.61 328	UP	P	19 06 21.3 +0.3
PMP5	Porto Santo	72.64 46	eP	P	19 06 39.5 +0.2
PAHR	Pah Rah Range	72.83 323	eP	P	19 06 23.1 +0.6
PAHR	Pah Rah Range	72.83 323	eP	P	19 06 40.6 +0.4
BNLO	Ben Lomond (Sa	72.83 319	UP	P	19 06 22.7 +0.2
L10A	Juniper Basin	72.84 326	P	P	19 06 23.0 +0.5
O07A	Toumodi	72.85 323	UP	P	19 06 22.5 0.0
HLID	Hailey	72.85 328	eP	P	19 06 23.3 +0.8
HLID	Hailey	72.85 328	eP	P	19 06 23.1 +0.6
N08A	Wente Brothers	72.85 324	UP	P	19 06 22.8 +0.3
WENL	Wente Brothers	72.85 324	UP	P	19 06 23.2 +0.3
M09A	Mariel Ranch,	72.91 325	UP	P	19 06 22.9 0.0
I13A	Wildhorse Cree	72.96 329	UP	P	19 06 23.9 +0.7
J12A	Stokes Ranch,	72.97 328	UP	P	19 06 23.6 +0.4
LAVA	Lava Cap Winer	73.00 321	UP	P	19 06 23.7 +0.2
MCMT	McKenzie Canyo	73.02 330	eP	P	19 06 23.4 -0.1
MCMT	McKenzie Canyo	73.02 330	eP	P	19 06 41.9 +0.6
VAH	Vaihoo	73.04 259	eP	P	19 06 23.5 -0.8
N07B	Gerlach	73.31 324	UP	P	19 06 25.3 0.0
PMOR	Pomario Ree	73.34 259	eP	P	19 06 25.3 -0.8
O06A	Flanigan	73.39 323	UP	P	19 06 26.1 +0.3
Q04C	Lincoln	73.43 321	UP	P	19 06 26.6 +0.6
M08A	Happy Creek Ra	73.44 325	UP	P	19 06 26.1 0.0
L09A	Wilkinson Ranc	73.44 326	UP	P	19 06 26.1 +0.1
MFID	Camas Ranch	73.46 328	UP	P	19 06 26.5 +0.4
BEKR	Beckworth	73.50 322	P	P	19 06 27.0 +0.6
H13A	Challis	73.50 329	UP	P	19 06 26.5 +0.2
K10A	MacKenzie Rang	73.55 327	P	P	19 06 27.0 +0.4
G14A	Jackson	73.62 330	UP	P	19 06 28.0 +1.0
Q03C	Winters	73.69 321	UP	P	19 06 28.2 +0.6
CVS	Carment Viney	73.77 320	UP	P	19 06 28.2 +0.1
N06A	Buffalo Meadow	73.78 323	P	P	19 06 28.2 +0.2
H12A	Diamond D Ranc	73.78 329	UP	P	19 06 28.3 +0.3
OHCM	Honcut	73.82 321	eP	P	19 06 28.6 +0.3
OHCM	Honcut	73.82 321	eP	P	19 06 40.0 -0.1
M07A	Soldier Meadow	73.84 324	UP	P	19 06 28.5 +0.1
I11A	Placeville	73.88 328	UP	P	19 06 28.8 +0.3
G13A	Cobalt	73.88 330	P	P	19 06 29.2 +0.7
O05C	Quincy	73.89 322	UP	P	19 06 29.2 +0.5
L08A	Fields	73.93 325	P	P	19 06 29.0 +0.1
SUTB	Sutter Butte	73.93 321	UP	P	19 06 28.7 -0.2
TVO	Taravao	73.94 256	eP	P	19 06 29.1 -0.4
TVO	Taravao	73.94 256	eP	P	19 06 29.1 -0.4
K09A	Rome	73.94 326	P	P	19 06 29.1 +0.2
J10A	Berg Farm, Mel	73.95 327	UP	P	19 06 28.8 -0.2
ORV	Oroville	73.97 322	UP	P	19 06 29.2 +0.1
ELFS	Eagle Lake Fie	74.21 323	UP	P	19 06 30.9 +0.4
O04C	Challis	74.22 322	UP	P	19 06 30.8 +0.2
PPT	Papeete	74.29 256			

J03A	baz=77 Ideyl Park	77.26 324	↑P	P	19 06 48.2 +0.3
D09A	baz=77 Jones Farm, Ri	77.27 329	↑P	P	19 06 48.1 +0.2
F07A	baz=77 Phinny Hill Vi	77.32 327	↓P	P	19 06 48.5 +0.5
B11A	baz=77 Sandpoint	77.32 331	↓P	P	19 06 48.3 +0.2
C10A	baz=78 Spiker Farm,	77.32 330	↑P	P	19 06 48.3 +0.2
A12A	baz=78, SNR=8.9 Yaak River Ran	77.35 324	↑P	P	19 06 48.6 +0.3
HAWA	baz=78, SNR=8.9 Hanford	77.42 328	eP	P	19 06 49.2 +0.5
HAWA	comp=Z,184nm,1.4s,mb5.6		eP	pP	19 07 06.9 +0.2
NEW	Newport	77.55 330	eP	pP	19 06 49.0 -0.4
NEW	comp=Z,29nm,1.3s,mb4.8		eP	pP	19 07 06.5 -0.9
NEW	Newport	77.55 330	eP	pP	19 06 49.0 -0.4
NEW	comp=Z,29nm,1.3s		ePP	pP	19 07 06.5 -0.8
NEW	Newport	77.55 330	pmax		
NEW	comp=Z,29nm,1.3s		pmax		
NEW	Newport	77.55 330	P	P	19 06 48.6 -0.8
NEW	comp=Z,1.2nm,0.4s,mb4.0,ba=125,slow=11,SNR=3.7		pP	pP	19 07 06.5 -0.8
BROR	Big Rock Locko	77.57 325	↑P	P	19 06 49.4 0.0
D08A	Wollman Farm	77.57 329	↑P	P	19 06 50.2 +0.7
G05A	Wamic	77.57 326	↑P	P	19 06 50.3 +0.7
J02A	Umpqua	77.60 324	↑P	P	19 06 50.4 +0.6
H04A	Detroit Lake	77.67 325	↑P	P	19 06 50.0 -0.2
A11A	Hall Mountain,	77.69 331	↑P	P	19 06 50.6 +0.5
E07A	Sunnyside	77.69 328	↑P	P	19 06 50.7 +0.5
OD2	Odesa Site #2	77.70 329	↑P	P	19 06 50.8 +0.5
WFP	Flag Point	77.70 326	↑P	P	19 06 51.4 +1.1
C09A	Chrisman Ranch	77.77 330	↑P	P	19 06 50.9 +0.3
I03A	Eugene	77.82 324	↑P	P	19 06 51.1 +0.2
MXC	Moxie City	77.93 328	↑P	P	19 06 52.5 +0.9
TOAO	Torodi Ar. Sit	78.01 72	eP	pP	19 06 51.4 -1.3
TOAO	WFP	78.01 72	eP	pP	19 07 09.2 -1.5
TORD	Torodi Ar. Bzn	78.01 72	eP	pP	19 06 51.4 -1.3
TORD	comp=Z,72nm,0.9s,mb5.4,ba=257,slow=5.2,SNR=218		eP	pP	19 07 09.5 -1.1
TORD	comp=Z,113nm,0.9s,ba=259,slow=5.3,SNR=12		eP	pP	19 09 52.7 +2.9
TORD	comp=Z,5.2nm,1.1s,ba=248,slow=6.2,SNR=40.0		eP	pP	19 40 25.8
TORD	comp=Z,21um,18.1s,ba=245,slow=LR		eP	pP	19 40 25.8
F05A	White Salmon	78.07 327	↑P	P	19 06 52.8 +0.4
C08A	Higginbotham F	78.13 329	↑P	P	19 06 52.9 +0.4
B09A	Rice	78.14 330	↑P	P	19 06 52.6 -0.1
G04A	Mulino	78.17 326	↑P	P	19 06 53.0 +0.1
D07A	Quincy	78.19 328	↑P	P	19 06 53.5 +0.6
COR	Corvallis	78.22 325	eP	pP	19 06 51.4 -1.8
COR	comp=Z,191nm,1.4s,mb5.6		eP	pP	19 07 11.6 +0.4
COR	Corvallis	78.22 325	ePP	pP	19 06 51.4 -1.8
COR	comp=Z,191nm,1.4s,mb5.6		ePP	pmax	19 07 11.6 +0.4
A10A	Northport	78.26 331	↑P	P	19 06 53.5 +0.2
E06A	Yakima	78.26 327	↑P	P	19 06 53.7 +0.4
H03A	Soap Creek Ran	78.27 325	↑P	P	19 06 54.1 +0.6
WTV	Waterville	78.52 329	↑P	P	19 06 55.4 +0.6
C07A	Waterville	78.57 329	↑P	P	19 06 55.4 +0.3
FCC	Fort Churchill	78.58 348	eP	P	19 06 53.8 -1.1
FCC	comp=Z,94nm,1.3s,mb5.5		eP	pP	19 07 12.0 -0.8
FCC	Fort Churchill	78.58 348	eP	pP	19 06 53.8 -1.0
FCC	comp=Z,94nm,1.3s,mb5.5		ePP	pP	19 07 12.0 -0.8
FCC	comp=Z,94nm,1.3s,mb5.5		ePP	pmax	19 07 12.0 -0.8
F04A	Amboy	78.61 326	↑P	P	19 06 55.3 -0.1
D06A	Cle Elum	78.62 328	↑P	P	19 06 55.6 +0.2
WPW	White Pass	78.66 327	↑P	P	19 06 55.1 +0.6
B08A	Colville Reser	78.67 329	↑P	P	19 06 55.2 -0.4
E05A	Randle	78.67 327	↑P	P	19 06 55.7 0.0
A09A	Danville	78.74 330	↑P	P	19 06 55.8 -0.1
B07A	Winthrop	79.12 329	↑P	P	19 06 58.0 -0.1
C06A	Tall Timber Ra	79.14 328	↑P	P	19 06 58.1 -0.1
D05A	Enumclaw	79.21 327	↑P	P	19 06 58.6 0.0
EDM	Edmonton	79.56 336	eP	P	19 06 53.6 -0.8
E03A	Lebam	79.61 326	↑P	P	19 07 01.2 +0.5
A07A	Ashnoka River,	79.65 329	↑P	P	19 07 01.5 +0.6
B06A	Marblemont	79.83 329	↑P	P	19 07 01.3 -0.6
B05A	Bryant	79.97 328	↑P	P	19 07 02.1 -0.5
PFV1	Vila Bisbo	80.02 46	eP	P	19 07 00.6 -2.6
PFV1	comp=Z,107nm,1.6s,mb5.4		eP	pP	19 07 21.8 +0.6
PFV1	Vila Bisbo	80.02 46	eP	LR	19 33 30.8
PFV1	comp=Z,351nm,22.0s		eP	LR	19 33 30.8
C04A	Brinnon	80.06 327	↑P	P	19 07 03.4 +0.3
D03A	Wishkah Elem.	80.09 326	↑P	P	19 07 03.9 +0.6
VNDA	Vanda	80.17 190	eP	P	19 07 04.0 +0.5
VNDA	comp=Z,107nm,1.5s,mb5.5		eP	pmax	19 07 04.0 +0.6
VNDA	Vanda	80.17 190	eP	pmax	
VNDA	comp=Z,110nm,1.5s		eP	pmax	
VNDA	Vanda	80.17 190	eP	LR	19 07 04.2 +0.7
VNDA	comp=Z,28nm,0.9s,mb5.1,ba=127,slow=5.8,SNR=16		eP	LR	19 37 52.1
MORF	Marmete	80.22 46	eP	P	19 07 03.7 -0.6
MORF	comp=Z,98nm,1.7s,mb5.4		eP	pP	19 07 23.2 +0.8
PTEO	Sao Teotonia	80.30 46	eP	pP	19 07 06.4 +1.7
PTEO	comp=Z,168nm,1.7s,mb5.7		eP	pP	19 07 23.9 +1.1
NLWA	Neilton Lookou	80.31 327	eP	P	19 07 05.2 +0.6
NLWA	comp=Z,192nm,1.4s,mb5.7		eP	pP	19 07 22.3 -0.3
A05A	Maple Falls	80.45 329	↑P	pP	19 07 04.8 -0.5
A04A	Legoe Bay, Lum	80.57 328	↑P	P	19 07 06.0 +0.1
PMAFR	Mafr	80.66 44	eS	LR	19 17 12.9 +4.0
PMAFR	comp=Z,840nm,18.0s		eS	eLR	19 33 49.3
SYO	Syowa Base	80.67 160	eP	P	19 07 01.0 -5.2
SYO	Syowa Base	80.67 160	↑P	P	19 07 06.0 -0.2
PBDV	Barranco-do-Ve	80.69 46	eP	P	19 07 07.1 +0.3
PBDV	comp=Z,108nm,1.9s,mb5.3		eP	pP	19 07 25.3 +0.4
PBDV	Barranco-do-Ve	80.69 46	eP	LR	19 33 42.7
PGC	Sidney	80.90 328	eP	P	19 07 07.8 +0.1
PGC	comp=Z,118nm,1.4s,mb5.5		eP	pP	19 07 26.1 +0.3
PVAQ	Vaqueiros	80.91 46	eP	pP	19 07 13.7 +5.7
PVAQ	comp=Z,100nm,1.9s,mb5.3		eP	pP	19 07 26.9 +0.8
PVAQ	Vaqueiros	80.91 46	eP	S	19 17 15.9 +4.2
PVAQ	comp=Z,383nm,22.0s		eLR	LR	19 34 05.3
MOE	Montemor	81.06 45	eP	P	19 07 10.8 +2.1

MOE	Beja	81.13 45	eP	pP	19 07 27.9 +1.1
PBEJ	comp=Z,86nm,1.8s,mb5.3		eP	pP	19 07 08.9 -0.2
PBEJ	Beja	81.13 45	eP	pP	19 07 27.4 +0.2
PBEJ	comp=Z,86nm,1.8s,mb5.3		eP	pP	19 07 10.4 +1.2
PBEJ	Beja	81.14 46	eP	pP	19 07 27.4 +0.2
PBEJ	comp=Z,86nm,1.8s,mb5.3		eP	pP	19 07 10.4 +1.2
PTOM	Tomar	81.58 44	eP	P	19 07 12.5 +1.0
PTOM	comp=Z,100nm,1.5s,mb5.4		eP	pP	19 07 29.8 +0.2
PTOM	Tomar	81.58 44	eP	LR	19 07 12.4 0.0
PTOM	comp=Z,100nm,1.5s,mb5.4		eLR	LR	19 07 29.8 +0.2
PESTR	Estremoz	81.74 45	eP	P	19 07 32.2 0.0
PESTR	comp=Z,85nm,1.5s,mb5.3		eP	pP	19 07 30.0 -0.5
PESTR	Estremoz	81.74 45	eS	LR	19 17 23.3 +3.2
PESTR	comp=Z,85nm,1.5s,mb5.3		eS	LR	19 34 18.3
EMIN	Mina Concepcio	81.81 46	P	P	19 07 12.7 0.0
EMIN	comp=Z,25nm,1.3s,mb4.9		P	P	19 07 12.7 0.0
ESPR	Espera	81.94 47	P	P	19 07 13.4 0.0
ESPR	comp=Z,27nm,1.4s,mb5.3		P	P	19 07 13.4 0.0
EJIF	Jimena Fronter	82.01 48	P	P	19 07 15.0 +1.1
EJIF	comp=Z,11nm,0.7s,mb4.8		P	P	19 07 15.0 +1.1
EJIF	Jimena Fronter	82.01 48	P	pmax	19 07 15.0 +1.2
EJIF	comp=Z,11nm,0.7s,mb4.8		P	pmax	19 07 15.0 +1.2
EBAD	Badajoz	82.08 45	P	P	19 07 14.9 +0.8
EBAD	comp=Z,21nm,0.7s,mb4.8		P	P	19 07 14.9 +0.8
PCBR	Castelo Branco	82.31 46	eP	P	19 07 15.7 +0.4
PCBR	comp=Z,23nm,1.2s,mb4.9		eP	P	19 07 15.7 +0.4
PCBR	Castelo Branco	82.31 46	eP	pP	19 07 32.8 -0.6
PCBR	comp=Z,23nm,1.2s,mb4.9		eP	pP	19 07 32.8 -0.6
MTE	Manteigas	82.55 44	eP	pP	19 07 17.2 +0.6
MTE	comp=Z,21nm,0.7s,mb4.8		eP	pP	19 07 35.5 +0.8
MTE	Manteigas	82.55 44	eS	LR	19 17 36.5 +8.1
MTE	comp=Z,21nm,0.7s,mb4.8		eS	LR	19 35 04.3
EMIJ	Mijas	82.56 48	P	P	19 07 16.9 +0.2
EMIJ	comp=Z,15nm,0.8s,mb4.9		P	P	19 07 16.9 +0.2
RAR	Rarotonga	82.65 250	LR	LR	19 34 34.4
RAR	comp=Z,314nm,18.3s,ba=213,slow=29		LR	LR	19 34 34.4
PVRL	Vila Real	82.89 43	eP	P	19 07 19.3 +1.0
PVRL	comp=Z,83nm,1.4s,mb5.4		eP	P	19 07 19.3 +1.0
PVRL	Vila Real	82.89 43	eP	pP	19 07 36.8 +0.4
PVRL	comp=Z,83nm,1.4s,mb5.4		eP	pP	19 07 36.8 +0.4
STS	Santiago	83.19 41	eP	P	19 07 20.8 +1.0
STS	comp=Z,42nm,1.4s,mb5.1		eP	P	19 07 20.8 +1.0
STS	Santiago	83.19 41	P	pmax	19 07 20.8 +1.0
STS	comp=Z,42nm,1.4s,mb5.1		P	pmax	19 07 20.8 +1.0
ELOJ	Sierra Loja	83.27 48	P	P	19 07 21.6 +1.3
ELOJ	comp=Z,62nm,1.1s,mb5.3		P	P	19 07 21.6 +1.3
ELOJ	Sierra Loja	83.27 48	P	pmax	19 07 21.6 +1.2
ELOJ	comp=Z,62nm,1.1s,mb5.3		P	pmax	19 07 21.6 +1.2
MVO	Moncorvo	83.28 43	eP	P	19 07 20.2 -0.1
MVO	comp=Z,62nm,1.1s,mb5.3		eP	P	19 07 20.2 -0.1
MVO	Moncorvo	83.28 43	eP	pP	19 07 38.7 +0.3
MVO	comp=Z,62nm,1.1s,mb5.3		eP	pP	19 35 30.5
ELUO	Luque	83.38 47	P	P	19 07 22.3 +1.3
ELUO	comp=Z,742nm,20.0s		P	P	19 07 22.3 +1.3
ELUO	Luque	83.38 47	P	pmax	19 07 22.3 +1.4
ELUO	comp=Z,93nm,1.4s,mb5.4		P	pmax	19 07 22.3 +1.4
ERON	Agron	83.45 48	P	P	19 07 22.0 +0.6
ERON	comp=Z,93nm,1.4s,mb5.4		P	P	19 07 22.0 +0.6
EADA	Adamuz	83.45 47	P	P	19 07 21.3 0.0
EADA	comp=Z,70nm,1.3s,mb5.0		P	P	19 07 21.3 0.0
EALB	Alboran	83.51 49	P	P	19 07 22.6 +1.0
EALB	comp=Z,16nm,0.9s,mb4.9		P	P	19 07 22.6 +1.0
EALB	Alboran	83.51 49	P	P	19 07 23.6 +0.8
EALB	comp=Z,16nm,0.9s,mb4.9		P	P	19 07 23.6 +0.8
ECOG	Cogollos-Vega	83.74 48	P	pmax	19 07 23.6 +0.8
ECOG	comp=Z,9.1nm,0.7s,mb4.7		P	pmax	19 07 23.6 +0.8
ECOG	Cogollos-Vega	83.74 48	P	pmax	19 07 23.6 +0.8
ECOG	comp=Z,9.1nm,0.7s,mb4.7		P	pmax	19 07 23.6 +0.8
PBRG	Braganca	83.79 43	eP	P	19 07 23.8 +0.9
PBRG	comp=Z,85nm,1.9s,mb5.2		eP	P	19 07 23.8 +0.9
PBRG	Braganca	83.79 43	eP	pP	19 07 41.5 +0.4
PBRG	comp=Z,85nm,1.9s,mb5.2		eP	pP	19 07 41.5 +0.4
ERUA	La Rua	83.83 42	eP	P	19 07 23.8 +0.7
ERUA	comp=Z,55nm,1.0s,mb5.3		eP	P	19 07 23.8 +0.7
ERUA	La Rua	83.83 42	eP	pmax	19 07 23.8 +0.7
ERUA	comp=Z,55nm,1.0s,mb5.3		eP	pmax	19 07 23.8 +0.7
ERUA	La Rua	83.83 42	P	pmax	19 07 23.8 +0.6
ERUA	comp=Z,55nm,1.0s,mb5.3		P	pmax	19 07 23.8 +0.6
EBAN	Banos Encina	84.00 47	P	P	19 07 24.9 +0.8
EBAN	comp=Z,39nm,1.0s,mb5.2		P	P	19 07 24.9 +0.8
EBAN	Banos Encina	84.00 47	P	pmax	19 07 24.9 +0.8
EBAN	comp=Z,39nm,1.0s,mb5.2		P	pmax	19 07 24.9 +0.8
EBER	Berja	84.05 48	P	P	19 07 24.6 +0.3
EBER	comp=Z,39nm,1.0s,mb5.2		P	P	















8d 1h

Table with columns for station name, frequency, and other parameters. Includes stations like NVLJ, GZUR, KARAN, etc.

2007 FEB

Table with columns for station name, frequency, and other parameters. Includes stations like GERES, DAVOX, HINFA, etc.

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Table with columns for station name, frequency, and other parameters. Includes stations like SONM, BOSHO, YKAW, etc.









8d 1h

2007 FEB

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like NJ2, WRA, WB2, EKS2, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like FRU, WRA, WB2, EKS2, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like CLNS, YSS, SVE, etc.

Table with columns: TXAR, Lajitas Array, 143.19, 29, PKIKP, PKPdf, 02 14 24.2 -2.7

IDC 08 02:14:29.1±0.9, 1.05N-126.49E, h0km, mb4.0/5, mb1 4.2/6, mb1mx4.0/16, mbtmp4.0/6, ML3.5/1, Error ellipse: s-maj=90.2km s-min=17.9km az=70.0

NEIC 08 02:14:30.6±0.5, 1.04N-126.48E, h10km, mb4.3/2, Error ellipse: s-maj=39.7km s-min=7.6km az=70.0

ISCJB 08 02:14:32.0±0.8, 1.0N-126.3E, h4, h33km, mb4.1/7, Error ellipse: s-maj=66.2km s-min=11.1km az=160.4

ISC 08 02:14:34.3±0.8, 1.0N-126.4E, h35km, n16, d06/40/12, mb4.1/7, Northern Molocca Sea

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

IDC 08 02:40:05.1±1.0, 1.06N-126.35E, h0km, mb4.0/5, mb1 4.2/6, mb1mx4.0/16, mbtmp4.0/6, ML3.4/1, Error ellipse: s-maj=90.7km s-min=18.2km az=70.0

NEIC 08 02:40:06.6±0.5, 1.07N-126.48E, h10km, mb4.4/2, Error ellipse: s-maj=41.6km s-min=7.6km az=69.0

ISCJB 08 02:40:07.8±0.7, 1.0N-126.4E, h4, h33km, mb4.1/6, Error ellipse: s-maj=63.8km s-min=10.4km az=158.9

ISC 08 02:40:10.1±0.7, 1.0N-126.5E, h4, h35km, n16, d06/63/12, mb4.1/6, Northern Molocca Sea

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

IDC 08 02:46:43.4±2.6, 1.13N-126.66E, h0km, mb4.3/4, mb1 4.4/4, mbtmp3.9/15, mbtmp4.2/4, Error ellipse: s-maj=88.2km s-min=38.7km az=133.0, Vanuatu Islands

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

CASC 08 02:47:41.6±3.5, 1.117N-87.87W, h39km, n999km, MD4.0, 4C-10D, Near coast of Nicaragua

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

WEL 08 02:53:56.0±0.6, 35858E-179.94E, h33km, ML3.7/3, Error ellipse: s-maj=11.7km s-min=5.3km az=90.0, Off east coast of North Island

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

ISCJB 08 03:12:03.6±0.3, 32722N-160.3W, h0.2, h19km, 3km, Error ellipse: s-maj=3.7km s-min=2.9km az=156.8

ECX 08 03:12:04.8±0.7, 32722N-160.5W, h4km, 1km, MD3.3, ML3.5

ISC 08 03:12:03.8±0.3, 32722N-160.5W, h0.2, h15km, 2km, n39, d05/63/64, 27C-24D, California-Baja California border region

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

109C Camp Elliot, M, baz=0.8

PFO Pinyon Flat Ob, baz=0.9, SNR=471

ENX Ensenada, 0.99 212 eP, S, 03 12 21.9 -0.6

BC3 Big Chuck Mt, baz=1.1, SNR=44

PBX Punta Banda, 1.13 211 eP, S, 03 12 24.8 -0.2

ECNX Esteban Cantu, 1.16 204 eP, S, 03 12 29.7 +0.2

BELLE Belle Mtn, baz=1.3, SNR=32

MURC Murrieta, baz=1.2, SNR=91

MURC Iron Mountain, baz=1.6, SNR=8.6

Y12C Blythe, baz=1.7, SNR=22

GMRC Granite Mount, baz=1.7, SNR=40

GMRC Catalina Islan, baz=2.1, SNR=92

CIS Hector, Ludlow, baz=2.1, SNR=26

HEC HEC, baz=2.0

SCI San Clemente I, baz=2.0

Y13A Salome, baz=2.2

Y13A Parker Dam, Lak, baz=2.3

Y13A Yucca, baz=2.7, SNR=15

Z14A Wintersburg, baz=2.7

Y14A Wickenburg, baz=2.9

SNCC San Nicolas Is, baz=2.9

W13A Hualapai Mount, baz=3.0, SNR=20

V11A Goodspings, baz=3.2

V12A Nelson, baz=3.2, SNR=6.7

X14A Yava, baz=3.2, SNR=18

115A Sonoran Desert, baz=3.2

W14A Seligman, baz=3.5, SNR=11

W14A Manual Prospec, baz=3.5

X15A Humboldt, baz=3.7, SNR=41

X15A Eloy, baz=3.7

116A Eloy, baz=3.7

NNC 08 03:26:43.0±3.8, 3724N-70.15E, h0km, mb3.7, mpv3.4, 2C-3D, Error ellipse: s-maj=33.4km s-min=25.7km az=89.0, Afghanistan-Tajikistan border region

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

NEIC 08 04:08:12.6, 3858N-20.10E, h25km, MD3.5(ATH), After ATH

ATH 08 04:08:12.6, 3858N-20.10E, h25km, MD3.5/8

ISCJB 08 04:08:13.8±1.2, 3857N-20.3E, h25km, 5km, Error ellipse: s-maj=70.2km s-min=18.4km az=48.0

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

Error ellipse: s-maj=9.8km s-min=5.4km az=166.5

CSEM 08 04:08:14.5±0.2, 3862N-20.25E, h10km, ML3.3, Error ellipse: s-maj=5.0km s-min=2.6km az=74.0

SKO 08 04:08:15.8, 3862N-20.35E, h3km, ML3.3

THE 08 04:08:20.6, 39.11N-20.32E, h0km

ISC 08 04:08:15.5±1.0, 3864N-00.3-20.35E, h0km, 5km, n38, d05/85/56, Greece

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

IDC 08 04:16:36.1±1.4, 993S-107.89E, h0km, mb4.2/6, mb1 4.2/7, mb1mx4.0/17, mbtmp4.1/7, MS3.4/2, MS1 3.4/2, ms1mx2.8/27, Error ellipse: s-maj=70.2km s-min=18.4km az=48.0

ISCJB 08 04:16:38.7±1.0, 1004S-008-107.82E, h0km, h34km, 8km, mb4.3/2, Error ellipse: s-maj=14.0km s-min=9.1km az=20.7

BUI 08 04:16:38.6, 951S-108.57E, h13km, MB5.2, mb4.8

MOS 08 04:16:39.2±0.9, 978S-108.07E, h33km, mb4.6/9, Error ellipse: s-maj=34.3km s-min=12.4km az=109.5

NEIC 08 04:16:41.5±0.6, 1000S-107.74E, mb4.3/6, Error ellipse: s-maj=18.8km s-min=10.8km az=2.0

ISC 08 04:16:40.5±2.4, 1006S-008-107.80E, h0km, h33km, 17km, h43km, 5, 4km, pp-P, n50, d09/47, mb4.3/2, MS3.4/2, 4C-2D, South of Java

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

XMIS Christmas Isla, 2.15 259 eP, S, 04 17 13.4 -0.6

LEM Lembang, 2.03nm, 0.8s, 3.22 357 P, S, 04 17 28.5 -0.3

JCIJ Jatiwangi, 2.09nm, 1.0s, 3.58 8 P, S, 04 17 31.6 -2.1

CBJI Cikotok, 958nm, 0.7s, 3.74 345 P, S, 04 17 30.6 -5.3

KRKI Karangtangs, 419nm, 0.7s, 4.97 68 P, S, 04 17 53.1 +0.3

NBBI Negara, 250nm, 0.6s, 6.94 77 P, S, 04 18 21.3 +1.4

KSI Kapahiang, 147nm, 0.3s, 8.20 321 P, S, 04 18 37.4 +0.2

FITZ Fitzroy Crossi, 1905 117 P, S, 04 21 00.3 -0.7

BSI Banda Aceh, 80nm, 1.1s, 18.95 321 P, S, 04 21 11.1 +0.5

WRA Warramunga Arr, 1.1nm, 0.8s, mb3.4, baz=265, slow=11, SNR=7.6, P, S, 04 22 22.6 -0.7

WRA 0.9nm, 0.9s, mb4.4, baz=299, slow=11, SNR=3.1, P, S, 04 25 42.4 +0.6

CHTO Chiang Mai, 6.6nm, 0.9s, mb4.4, 29.99 343 eP, P, 04 22 58.5 +2.7

CHTO Chiang Mai, 29.99 343 eP, P, 04 22 58.5 +2.7

CHTO Chiang Mai, 29.99 343 eP, P, 04 22 58.5 +2.7

STKA Stephens Creek, comp=2.7, 0.9s, mb4.4, 38.05 130 P, P, 04 23 57.4 +1.4

STKA Stephens Creek, comp=2.3, 0.9nm, 0.9s, mb4.1, baz=292, slow=6.4, SNR=5.6, LR, LR, 04 39 58.0

ODAN Odare, comp=2.69nm, 2.0s, MS3.4, baz=27, slow=37, 41.71 332 eP, P, 04 24 26.6 +0.2

TAPN Tapung, comp=2.23nm, 1.1s, mb4.7, 41.98 333 eP, P, 04 24 29.7 +1.1

LSA Lhasa, comp=2.4, 4.5nm, 0.6s, mb4.3, 42.66 338 P, P, 04 24 36.0 +1.9

LSA Lhasa, comp=2.4, 4.5nm, 0.6s, mb4.3, 42.66 338 eP, P, 04 24 35.5 +1.4

LSA Lhasa, comp=2.4, 0.0nm, 0.6s, mb4.3, 42.66 338 eP, P, 04 24 35.5 +1.4

NJ2 Nanjing, comp=2.1, 10.0nm, 0.6s, mb4.7, 43.19 14 eP, AMB, P, 04 24 34.4 -3.9

PKI Pulchoki, comp=2.1, 13nm, 0.6s, mb4.8, 43.25 330 eP, P, 04 24 39.8 +0.9

GUN Gumba, comp=2.1, 13nm, 0.6s, mb4.8, 43.25 330 eP, P, 04 24 39.8 +0.9

DMN Daman, comp=2.1, 13nm, 0.6s, mb4.8, 43.43 330 eP, P, 04 24 41.0 +0.7

KKN Kakani, comp=2.1, 13nm, 0.6s, mb4.8, 43.43 330 eP, P, 04 24 41.0 +0.7

GKN Gorkha, comp=2.1, 13nm, 0.6s, mb4.8, 43.43 330 eP, P, 04 24 45.4 +0.6

KOLN Koldanda, comp=2.1, 13nm, 0.6s, mb4.8, 44.31 329 eP, P, 04 24 47.9 +0.5

KSR5 Korea Array, comp=2.9, 6nm, 0.6s, mb4.7, 50.89 21 LR, LR, 04 08 06.3

SOMM Songino Array, comp=2.3, 3.5nm, 0.6s, mb4.6, baz=177, slow=8.2, SNR=38, 57.65 359 P, P, 04 26 27.8 +0.4

ZAK Zakamensk, comp=2.1, 0.0nm, 1.1s, mb3.8, 60.32 357 eP, P, 04 26 45.9 +0.1

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 26 48.0 -0.2

AAK Ala-Archa, comp=2.1, 1.8nm, 0.8s, mb4.2, 60.64 332 eP, P, 04 27 01.8 +3.4

AAK Ala-Archa, comp=2.1, 1.8nm,



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, STKA Stephens Creek, MKAR Makanchi Array, etc.

WEL 08 05:50.29.5.0.1.3777S.17679E, h5km, ML3.6/11, 4C, Error ellipse: s-maj=1.0km s-min=1.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MARZ Manawaha, EDJR Edgecumbe, LIRZ Lichensteins R, etc.

MOS 08 06:13.21.3.1.2.4781N.14705E, h420km, mb3.6/9, Error ellipse: s-maj=17.5km s-min=13.2km az=82.7

NEIC 08 06:13.23.3.0.8.4777N.14699E, h424km, 11km, mb4.2/3, Error ellipse: s-maj=15.1km s-min=12.2km az=165.0

NEIC 08 06:13.23.3.1.6.4780N.14691E, h428km, 19km, mb3.1/12, Error ellipse: s-maj=17.4km s-min=12.6km az=164.0

ISC 08 06:13.22.9.0.6.4756N.008.1471E.01, h426km, 7km, n65, az=116.73, mb3.7/20, 2C, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YSS Yuzh-Sakhalins, YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JRA Rausu, JSK Soyas, JTKR Abashiri-Toko, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JKB Kayabe, JOT Ohata, JOM Ohasama, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo, ZAL Zalesovo, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TAPN Tapejlung, ODAN Odare, JIRN Jiri, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, SOMN Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, NOA NORSAR Array B, etc.

NEIC 08 06:21.48.2.39.13S.17780E, h31km, ML3.9(WEL), After WEL

NEIC 08 06:21.48.5.0.2.3910S.17776E, h31km, ML3.5/18, 3C-1D, Error ellipse: s-maj=2.3km s-min=1.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KNZ Kokohu, MWZ Matawai, etc.

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

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

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

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

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

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

WEL 08 06:22.09.8.0.6.3903S.17780E, h27km, 2km, ML4.0/7, Error ellipse: s-maj=6.4km s-min=4.0km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KNZ Kokohu, MWZ Matawai, etc.

ISC 08 06:23.42.3.1.7.038S.12673E, h0km, mb3.2/3, mb1.3/4.3, mb1mx3.3/16, mbmtpp3.2/3, Error ellipse: s-maj=139.0km s-min=29.1km az=67.0, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, SOMN Songoing Array, etc.

NEIC 08 06:30.48.1.1.1.047S.1602W, h10km, mb4.6/1, Error ellipse: s-maj=28.0km s-min=15.9km az=83.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TOAO Torodi Ar. Sit, TORO Torodi Ar. Bea, etc.

MOS 08 06:54.15.1.0.4.4341N.4525E, h9km, mb3.5/1, Error ellipse: s-maj=49.7km s-min=13.0km az=144.8, Eastern Caucasus

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

ISC 08 07:04.21.3.0.9.6974N.1552W, h0km, mb3.6/1, mb1.3/8/9, mb1mx3.6/22, mbmtpp3.6/9, ML3.0/2, MS3.1/3, MS1.3/1.3, ms1mx2.8/37, Error ellipse: s-maj=25.7km s-min=19.5km az=23.0

NEIC 08 07:04.22.9.0.7.6978N.1558W, h10km, Error ellipse: s-maj=15.9km s-min=12.6km az=184.0

ISC 08 07:04.23.3.2.3.6970N.005.156W.02, h27km, 18km, mb3.6/7, Error ellipse: s-maj=14.0km s-min=7.0km az=22.6

CSEM 08 07:04.23.4.0.1.6971N.1556W, h30km, ML3.7, Error ellipse: s-maj=5.1km s-min=2.9km az=110.0

REY 08 07:04.23.4.0.9.6956N.1468W, h16km, ML2.9, ML3.7, Error ellipse: s-maj=15.9km s-min=12.6km az=184.0

ISC 08 07:04.23.8.2.3.6970N.005.156W.02, h16km, 16km, n24, az=67.8/28, mb3.6/7, Jan Mayen Island region

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GERES GERES Array B, AKASG Malin Array B, etc.

CSEM 08 07:08.03.4.0.9.3775N.4389E, h25km, MD3.2, Error ellipse: s-maj=23.7km s-min=13.1km az=94.0

ISC 08 07:08.04.9.1.1.3776N.004.4377E.007, h10km, Error ellipse: s-maj=8.6km s-min=5.7km az=165.3

ISK 08 07:08.06.5.3.765N.4374E, h16km, MD3.0, DDA 08 07:08.04.4.3.3830N.4333E, h22km, MD3.0

ISC 08 07:08.05.0.1.2.3776N.004.4382E.008, h10km, n9, az=192/16, Turkey

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

NIED 08 07:15.00.4650N.15350E, h17km, Mw5.0 Best double couple: M3.90000.1016 NP1.9.138.00000.867.00000.1.1.00000. NP2.48.00000.889.00000.1.157.00000. ISC 08 07:15.02.90.1.4641N.002.15336E.002, h10km, mb5.4/267, MS4.8/168, Error ellipse: s-maj=3.5km

s-min=1.5km az=166.1  
 BJI 08 07:15:02.9,4666N:153.14E,h7km,mb5.4,mb5.4,Ms5.0,Ms2.8  
 IDC 08 07:15:02.4,0.5,4643N:153.30E,h0km,mb5.3/34,mb1 5.4/35,mb1mx5.4/36,mbtmp5.3/35,ML4.3/1,MS4.7/23,Ms1 4.7/23,ms1mx4.5/30,Error ellipse: s-maj=14.6km s-min=11.3km az=148.0  
 NEIC 08 07:15:04.7,0.1,4648N:153.24E,h10km,mb5.5/165,MS4.7/11,Error ellipse: s-maj=4.3km s-min=2.4km az=168.0  
 GCMT 08 07:15:04.7,0.2,4650N:153.54E,h19km,MW5.2/88,Moment Tensor Solution: s=2.68; s88:c150; Duration: 1s0 Moment tensor: Scale 10<sup>17</sup>Nm; Mo:0.71±.02; Mw:0.28±.02; Mw-0.4±.02; Mo:0.15±.03; Mw-0.39±.01; Mo:0.40±.03; Best double couple: Mo:0.84600±.017 NP1:0±229.00000°,δ31.00000°,λ107.00000°. NP2: 0±30.00000°,δ60.00000°,λ80.00000°. Principal axes: T 0.8370,Plg73.0000°,Az=276.0000°; N 0.0180,Plg9.0000°,Az=35.0000°; P -0.8550,Plg15.0000°,Az=127.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.  
 JMA 08 07:15:04.8,0.8,4653N:153.46E,h30km,Ms5.6  
 SKHL 08 07:15:06.2,2.1,4642N:153.50E,h66km,2km,mb5.9/1,mb5.6/1,Ms5.2/5,msH5.9/4  
 MOS 08 07:15:07.8,0.9,4665N:153.27E,h37km,mb5.6/116,MS4.9/54,Error ellipse: s-maj=6.6km s-min=3.4km az=105.3  
 SZGRF 08 07:15:17.1,4801N:152.04E,h33km,mb5.6,MS4.9,Kuril Islands, Russia  
 ISC 08 07:15:05.5,0.8,4651N:003.15328E,002,h13km,5.5km,h16km,1.3km;pP-P,n1212,0583/1169,mb5.4/267,MS4.8/168,263C-133D,Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h m s	Time	Res
KUR	Kuril'sk	3.99	253b	iPn	Pn		07 16 07.4	+1.1
KUR	comp=E,4μm,1.0s							
KUR	comp=Z,10μm,1.0s							
KUR	comp=N,1μm,0.6s							
KUR	comp=E,760nm,0.6s							
KUR	comp=Z,5μm,0.6s							
KUR	comp=N,28μm,16.0s							
KUR	comp=E,28μm,16.0s							
KUR	comp=Z,21μm,16.0s							
KUR	Kuril'sk	3.99	253	iP	Pn		07 16 07.4	+1.1
KUR	comp=Z,4μm,1.0s							
KUR	comp=Z,10μm,1.0s							
KUR	comp=Z,1μm,0.6s							
KUR	comp=Z,760nm,0.6s							
KUR	comp=Z,5μm,0.6s							
KUR	comp=Z,22μm,2.0s							
KUR	comp=Z,3μm,2.0s							
KUR	comp=Z,6μm,0.8s							
KUR	comp=Z,6μm,0.8s							
KUR	comp=Z,28μm,16.0s							
KUR	comp=Z,21μm,16.0s							
SKR	Severo-Kuril's	4.58	23	eP	Pn		07 16 14.5	+0.2
SKR	comp=Z,390nm,1.0s							
SKR	comp=Z,1μm,1.0s							
SKR	comp=Z,2μm,1.0s							
SKR	comp=Z,15μm,8.0s							
SKR	comp=Z,1μm,1.0s							
SKR	comp=Z,690nm,1.0s							
SKR	comp=Z,5μm,14.0s							
SKR	comp=Z,17μm,14.0s							
SKR	comp=Z,8μm,14.0s							
YUK	Yuzh-Kuril'sk	5.79	247	iPn	Pn		07 16 32.2	+1.2
YUK	comp=N,570nm,0.5s							
YUK	comp=E,950nm,0.5s							
YUK	comp=Z,950nm,0.5s							
YUK	comp=N,2μm,1.0s							
YUK	comp=E,4μm,1.0s							
YUK	comp=Z,3μm,1.0s							
YUK	comp=N,11μm,14.0s							
YUK	comp=Z,8μm,14.0s							
YUK	comp=E,8μm,12.0s							
YUK	Yuzh-Kuril'sk	5.79	247	iP	Pn		07 16 32.2	+1.2
YUK	comp=E,570nm,0.5s							
YUK	comp=E,950nm,0.5s							
YUK	comp=E,2μm,1.0s							
YUK	comp=E,4μm,1.0s							
YUK	comp=E,3μm,1.0s							
YUK	comp=E,12μm,3.0s							
YUK	comp=E,10μm,3.0s							
YUK	comp=E,4μm,0.8s							
YUK	comp=E,5μm,0.8s							
YUK	comp=E,11μm,14.0s							
YUK	comp=E,8μm,14.0s							
YUK	comp=E,8μm,14.0s							
NEM2	Nemuro 2	6.21	242	iP	Pn		07 16 35.0	-1.7
JRA	Rausu	6.31	249	iP	Pn		07 16 39.2	+1.1
JNK	Nakash	6.73	247	iP	Pn		07 16 44.1	+0.2
JAK	Akkeshi	7.05	243	iP	Pn		07 16 46.7	-1.6
JTKR	Abashiri-Toko	7.09	252	iP	Pn		07 16 50.4	+1.6
YSS	Yuzh-Sakhalins	7.25	277	eP	Pn		07 16 55.5	+4.5
YSS	Yuzh-Sakhalins	7.25	277	iPn	Pn		07 16 55.2	+4.2
YSS	comp=Z,160nm,1.0s							
YSS	comp=Z,9μm,17.0s							
YSS	comp=N,2μm,15.0s							
YSS	comp=E,8μm,16.0s							
YSS	Yuzh-Sakhalins	7.25	277	iP	Pn		07 16 55.2	+4.2
YSS	comp=E,160nm,1.0s							
YSS	comp=E,2μm,16.0s							

YSS	comp=E,8μm,16.0s							
YSS	comp=E,9μm,16.0s							
PET	Petropavlovsk	7.39	261	iPn	Pn		07 16 51.6	-1.3
PET	comp=Z,800nm,1.7s							
PET	comp=Z,437nm,1.2s							
PET	comp=Z,3μm,15.0s							
PET	Petropavlovsk	7.39	26	eP	Pn		07 16 53.1	+0.2
JMP	Maruseppu	7.43	254	iP	Pn		07 16 55.2	+1.6
JAR	Ashorobuto	7.46	248	P	Pn		07 16 54.7	+0.5
JONets	Onets	7.63	245	P	Pn		07 16 55.6	-0.7
JSE	Soyars	7.64	262	P	Pn		07 17 00.1	+3.7
JKK2	Kamakawa 2	7.89	254	P	Pn		07 17 02.1	+2.2
ASAJ	Asahikawa	7.90	256	P	Pn		07 17 02.7	+2.7
ASAJ	Asahikawa	7.90	256	Pn	Pn		07 17 02.8	+2.8
ASAJ	comp=Z,7.0nm,0.3s							
ASAJ	Asahikawa	7.90	256	Pn	Pn		07 17 02.8	+2.8
ASAJ	comp=Z,7.2nm,0.3s,baz=87,slow=14,SNR=112							
UGL	Uglegor'sk	7.97	293	eP	Pn		07 17 06.0	+5.0
UGL	comp=N,180nm,1.0s							
UGL	comp=E,180nm,1.0s							
UGL	comp=Z,582nm,1.0s							
UGL	comp=Z,2μm,6.0s							
UGL	comp=N,112nm,0.7s							
UGL	comp=E,140nm,0.7s							
UGL	comp=E,2μm,8.0s							
UGL	comp=N,2μm,10.0s							
UGL	comp=Z,9μm,16.0s							
UGL	comp=N,3μm,12.0s							
UGL	comp=E,5μm,15.0s							
JWK2	Kethoku	8.03	266	P	Pn		07 17 06.8	+5.1
JCH	Churui	8.08	245	P	Pn		07 17 01.5	-0.9
JCH	JCH							
JFR	Furan	8.30	250	P	Pn		07 17 05.1	-0.3
JAB	Ashibetsu	8.39	253	iP	Pn		07 17 09.1	+2.4
ERM	Erimo	8.54	242	Pn	Pn		07 17 09.9	+1.2
ERM	Erimo	8.54	242	ePn	Pn		07 17 09.9	+1.2
ERM	Erimo	8.54	242	P	Pn		07 17 09.9	+1.2
JHR	Hokuryu	8.63	255	P	Pn		07 17 12.6	+2.7
JBT2	Biratori 2	8.63	248	P	Pn		07 17 09.4	-0.6
JNBK	Urakawa-nobuka	8.64	244	P	Pn		07 17 08.1	-2.0
JNBK	JNBK							
JNB	Eniwo	9.19	251	P	Pn		07 18 39.4	-8.0
JNB	Noboribetsu	9.63	250	P	Pn		07 17 18.8	+1.1
OKH	Okha	9.68	320	iPn	Pn		07 17 26.0	+1.6
OKH	OKH							
OKH	comp=Z,4μm,6.0s							
OKH	comp=N,1μm,5.0s							
OKH	OKH							
OKH	Okha	9.68	320	iP	Pn		07 17 26.0	+1.6
OKH	comp=Z,2μm,9.0s							
OKH	comp=Z,2μm,9.0s							
OKH	comp=Z,4μm,9.0s							
OKH	OKH							
OKH	comp=Z,1μm,5.0s							
OKH	comp=Z,1μm,5.0s							
OKH	comp=Z,8μm,14.0s							
OKH	comp=Z,10μm,14.0s							
JKB	Kayabe	9.93	247	P	Pn		07 17 26.3	-1.5
JKB	JKB							
JSH	Shimam	10.20	252	P	Pn		07 19 10.1	-9.0
JYM2	Yakumo 2	10.24	249	P	Pn		07 17 31.7	+0.2
JSR	Shiruchi	10.51	246	P	Pn		07 17 33.3	-2.5
JNG	Nango	10.52	239	P	Pn		07 17 32.1	-3.8
JANG	JANG							
JTM	Tenmabayashi	10.53	241	P	Pn		07 19 21.7	-12
JTM	JTM							
JTH	Tanohata	10.60	236	P	Pn		07 17 32.9	-12
JTH	JTH							
JOSM	Okushiri-Mats	10.84	251	P	Pn		07 17 39.3	-0.9
OFUJ	Ofunato	11.30	233	P	Pn		07 17 42.2	-4.4
OFUJ	OFUJ							
JRG	Rokugi	11.67	237	P	Pn		07 19 39.6	-13
JIO	JIO							
JIO	JIO							
HABR	Khabarovsk	12.48	286	iPn	Pn		07 18 52.7	-15
HABR	HABR							
HABR	comp=Z,102nm,1.5s							
HABR	comp=Z,5μm,15.7s							
JYA	Atsumi	12.74	236	P	Pn		07 18 02.4	-3.9
JFK	Kawauchi	12.98	230	P	Pn		07 18 05.2	-4.3
JFK	JFK							
MA2	Magadan	13.17	354	eP	Pn		07	



Table with columns for flight codes (BJJ, BJT, etc.), destinations (Baijiautau, Tiksi, etc.), times, and status indicators (eP, P, etc.).

Table with columns for flight codes (SLKM, XAN, etc.), destinations (Skilak Lake, Xian, etc.), times, and status indicators (eP, P, etc.).

Table with columns for flight codes (QIZ, WMO, etc.), destinations (Z, 23nm, etc.), times, and status indicators (AMB, P, etc.).

KBS	Kingsbay	52.75	351	PFAKE	07 24 30.0	+11
KBS	comp=Z,466nm,19.0s,MS4.5			LR		
KBS	Kingsbay	52.75	351	AMS	AMS	07 24 27.5
ULHL	Ulahol	53.17	295	P	P	07 24 23.8 +0.8
TKM2	Tokmak 2	53.21	296	P	P	07 24 23.3 +0.1
BDT	Bhumibol Dam	53.24	256	P	P	07 24 25.0 +1.2
NST	Nakhon Sawan	53.62	253	P	P	07 24 27.5 +1.0
CHMS	Chumysh	53.69	297	P	P	07 24 26.7 0.0
USP	Ospenovka	53.70	297	P	P	07 24 26.8 0.0
KBK	Karagaybulak	53.75	296	P	P	07 24 27.2 0.0
B04A	Port Angeles	53.77	56	↑P	P	07 24 27.8 +0.5
FRU	Bishkek	53.86	297	↑P	P	07 24 27.6 -0.4
FRU	comp=Z,80nm,1.2s,mb5.5			pmax	pmax	
FRU	comp=N,3um,16.0s,MS5.5			MLR	MLR	
FRU	comp=E,2um,16.0s,MS5.5			MLR	MLR	
FRU	comp=Z,60nm,1.0s,mb5.6			MLR	MLR	
A04A	Legoe Bay, Lum	53.87	55	↑P	P	07 24 29.0 +1.0
KZA	Kyzart	53.88	296	P	P	07 24 29.0 +0.9
AAK	Ala-Archa	54.04	297	P	P	07 24 28.5 -0.8
AAK	Ala-Archa	54.04	297	P	P	07 24 29.3 0.0
AAK	Ala-Archa	54.04	297	↑P	LR	07 24 28.2 -1.1
AAK	Ala-Archa	54.04	297	↑P	P	07 24 28.1 -1.2
AAK	comp=Z,1um,22.0s,MS5.0			pmax	pmax	
AAK	comp=Z,66nm,0.8s,mb5.6			MLR	MLR	
AAK	comp=Z,2um,20.0s,MS5.3			MLR	MLR	
AAK	Ala-Archa	54.04	297	P	P	07 24 28.6 -0.7
A05A	Maple Falls	54.08	54	↑P	P	07 24 30.2 +0.7
SVE	Sverdlövs	54.08	317	eP	P	07 24 28.0 -1.4
SVE	comp=Z,90nm,1.2s,mb5.6			pmax	pmax	
SVE	comp=N,1um,14.0s,MS5.2			MLR	MLR	
SVE	comp=E,1um,14.0s,MS5.2			MLR	MLR	
SVE	comp=Z,2um,14.0s,MS5.2			MLR	MLR	
TAPN	Taplejung	54.23	274	eP	P	07 24 31.9 +1.0
C04A	Brinnon	54.25	56	↑P	P	07 24 31.7 +0.9
UCH	Uchter	54.25	296	P	P	07 24 31.8 +0.9
SOKR	Solkamsk	54.35	322	↑P	P	07 24 30.1 -1.2
SOKR	comp=Z,40nm,1.0s,mb5.3			pmax	pmax	
SOKR	comp=Z,1um,21.0s,MS5.0			MLR	MLR	
GNW	Green Mountain	54.42	56	eP	P	07 24 34.6 +2.6
B05A	Bryant	54.46	55	↑P	P	07 24 32.7 +0.4
EK52	Erkin-Say	54.47	297	P	P	07 24 32.1 -0.3
B06A	Marblemount	54.67	54	↑P	P	07 24 33.9 +0.1
ODAN	Odare	54.76	273	eP	P	07 24 35.6 +0.8
AML	Almayashu	54.81	296	P	P	07 24 35.6 +0.7
KSH	Kashi	54.85	293	eP	P	07 24 40.1 +0.8
KSH	comp=Z,299nm,3.2s			AMB	AMB	
KSH	comp=N,2um,15.1s,MS5.6			LR	LR	
KSH	comp=E,3um,15.4s,MS5.6			LR	LR	
KSH	comp=Z,2um,16.9s,MS5.5			LR	LR	
A07A	Ashnolia River,	54.99	53	↑P	P	07 24 35.7 -0.5
C05A	Toit Reservoir	55.00	55	↑P	P	07 24 36.8 +0.6
E04A	Onalaska	55.01	57	↑P	P	07 24 37.4 +1.1
JIRN	Jiri	55.08	275	eP	P	07 24 38.3 +1.2
D05A	Enumclaw	55.10	56	↑P	P	07 24 38.2 +1.3
GUN	Gumba	55.14	275	eP	P	07 24 38.4 +0.9
ARU	Arti	55.26	318	P	P	07 24 36.4 -1.6
ARU	Arti	55.26	318	↑P	P	07 24 34.3 -3.7
ARU	Arti	55.26	318	↑P	P	07 24 36.5 -1.5
ARU	Arti	55.26	318	eS	S	07 25 36.5
ARU	Arti	55.26	318	eS	S	07 25 38.7 -2.3
ARU	comp=Z,57nm,0.8s,mb5.7			pmax	pmax	
ARU	comp=Z,1um,20.0s,MS4.9			MLR	MLR	
ARU	comp=N,1um,18.0s,MS5.0			MLR	MLR	
ARU	comp=E,500nm,19.0s,MS5.0			MLR	MLR	
C06A	Tall Timber Ra	55.32	55	↑P	P	07 24 38.9 +0.4
B07A	Winthrop	55.46	54	↑P	P	07 24 39.6 +0.1
F04A	Amboy	55.54	57	↑P	P	07 24 40.6 +0.4
E05A	Randle	55.58	56	↑P	P	07 24 39.6 -0.8
KKN	Kakani	55.62	276	eP	P	07 24 42.0 +1.0
PKI	Pulchoki	55.67	275	eP	P	07 24 42.3 +1.0
D06A	Cle Elum	55.75	55	↑P	P	07 24 41.5 -0.1
DMN	Daman	55.86	276	eP	P	07 24 43.9 +1.2
C07A	Waterville	55.92	55	↑P	P	07 24 42.4 -0.5
GKN	Gorkha	55.93	276	eP	P	07 24 44.2 +1.0
PMG	Port Moresby	55.93	187	PFAKE	LR	07 24 50.0 +6.8
PMG	comp=Z,454nm,21.0s,MS4.5			LR	LR	
B08A	Colville Reser	55.95	54	P	P	07 24 42.8 -0.3
WTV	Waterville	55.97	54	P	P	07 24 45.9 +2.7
HNR	Honiara	56.01	172	PFAKE	LR	07 25 00.0 +1.6
HNR	comp=Z,530nm,19.0s,MS4.7			LR	LR	
A09A	Danville	56.03	53	P	P	07 24 43.5 0.0
E06A	Yakima	56.03	56	↑P	P	07 24 43.8 +0.1
EBG	Ellensburg	56.07	56	P	P	07 24 47.1 +3.3
I03A	Eugene	56.13	60	↑P	P	07 24 44.3 -0.1
D07A	Quincy	56.24	55	↑P	P	07 24 45.3 +0.1
J02A	Umpqua	56.24	61	↑P	P	07 24 44.4 -0.2
HOOD	Mount Hood Mea	56.33	58	eP	P	07 24 48.0 +2.2
H04A	Detroit Lake	56.38	59	↑P	P	07 24 46.1 -0.1

EDM	Edmonton	56.40	46	eP	P	07 24 46.0 -0.2
C08A	Higginbotham F	56.46	54	eP	P	07 24 46.3 -0.2
G05A	Wamic	56.57	58	↑P	P	07 24 47.3 -0.2
B09A	Rice	56.57	53	↑P	P	07 24 47.4 -0.1
A10A	Northport	56.58	52	↑P	P	07 24 46.7 -0.9
F06A	Goldendale	56.58	57	↑P	P	07 24 47.4 -0.2
J03A	Ideley Park	56.66	60	↑P	P	07 24 47.4 -0.8
E07A	Sunnyside	56.67	56	↑P	P	07 24 47.7 -0.5
K02A	Glendale	56.69	61	↑P	P	07 24 48.3 -0.1
IRO	Indian Ridge	56.72	59	P	P	07 24 48.8 +0.1
I04A	Tendick Farm,	56.75	60	↑P	P	07 24 48.4 -0.4
KOLN	Koldanda	56.79	277	eP	P	07 24 50.5 +1.2
OD2	Oleada Site #2	56.84	54	P	P	07 24 51.8 +2.3
DAG	Danmarks Havn	56.89	358	↑P	P	07 24 48.6 -0.7
DAG	comp=Z,216nm,0.8s,mb5.2			pmax	pmax	
DAG	comp=Z,46nm,0.7s,mb5.6			↑P	P	07 24 48.6 -0.7
CROR	Criterion Ridg	56.91	58	P	P	07 24 51.0 +1.1
D08A	Wollman Farm,	56.91	55	↑P	P	07 24 49.8 -0.1
H05A	Madras	56.96	58	↑P	P	07 24 50.2 -0.1
L02A	Cave Junction	56.97	62	↑P	P	07 24 50.0 -0.4
G06A	Carlson Farm,	56.97	57	↑P	P	07 24 49.9 -0.5
F07A	Phinny Hill Vi	57.00	56	↑P	P	07 24 50.6 +0.1
LVZ	Lovozero	57.03	337	eP	P	07 24 49.8 -0.6
LVZ	comp=Z,809nm,20.0s,MS4.8			LR	LR	
LVZ	Lovozero	57.03	337	eP	P	07 24 49.7 -0.7
LVZ	comp=Z,85nm,1.8s,mb5.5			pmax	pmax	
LVZ	comp=Z,1um,17.0s,MS5.0			MLR	MLR	
HUMO	Hull Mountain	57.10	61	PFAKE	LR	07 25 00.0 +8.7
HUMO	comp=Z,387nm,20.0s,MS4.5			LR	LR	
HUMO	Hull Mountain	57.10	61	↑P	P	07 24 51.1 -0.2
B10A	Chitwood Farm,	57.15	53	↑P	P	07 24 51.1 -0.5
E08A	Dider Farm, Ei	57.16	55	↑P	P	07 24 50.9 -0.8
I05A	Bend	57.21	59	↑P	P	07 24 51.8 -0.3
NEW	Newport	57.23	53	PFAKE	LR	07 25 00.0 +7.9
J04A	Umpqua Nationa	57.24	60	↑P	P	07 24 51.4 -0.9
A11A	Hall Mountain,	57.25	52	↑P	P	07 24 51.9 -0.3
D09A	Jones Farm, Ri	57.26	54	↑P	P	07 24 51.7 -0.7
C10A	Spiker Farm,	57.38	53	↑P	P	07 24 52.4 -0.8
VIPM	Ingram Point	57.40	58	P	P	07 24 54.3 +0.9
H06A	Lindquist Farm	57.43	58	↑P	P	07 24 53.2 -0.4
G07A	Ruggs Ranch, H	57.51	57	↑P	P	07 24 54.1 -0.1
B11A	Sandpoint	57.54	52	↑P	P	07 24 54.0 -0.3
APA	Apacity	57.60	337	↑P	P	07 24 53.5 -1.0
APA	comp=Z,21nm,1.0s,mb5.1			pmax	pmax	
APA	comp=Z,2um,17.0s,MS5.2			MLR	MLR	
KEV	Kevo	57.60	341	PFAKE	LR	07 25 10.0 +1.6
KEV	comp=Z,833nm,20.0s,MS4.8			LR	LR	
PRGR	Pernogore	57.63	327	↑P	P	07 24 54.1 -0.6
PRGR	comp=N,28nm,1.6s			smax	smax	
KHMM	Horse Mountain	57.63	63	eP	P	07 24 56.7 +1.6
A12A	Yaak River Ran	57.64	51	↑P	P	07 24 54.7 -0.3
E09A	Wood Farm, Sta	57.66	55	↑P	P	07 24 54.8 -0.5
J05A	Fort Rock	57.74	59	↑P	P	07 24 55.7 -0.1
YBH	Yreka Blue Hor	57.76	62	eP	P	07 24 57.1 +1.1
YBH	Yreka Blue Hor	57.76	62	eP	P	07 24 57.1 +1.1
YBH	comp=Z,18nm,1.1s			pmax	pmax	
YBH	Yreka Blue Hor	57.76	62	↑P	P	07 24 55.7 -0.2
K04A	Chilquín	57.83	60	↑P	P	07 24 56.6 +0.1
D10A	Wagner Farm, O	57.84	54	↑P	P	07 24 56.0 -0.5
M02C	Callahan	57.87	62	↑P	P	07 24 55.5 -0.2
G08A	Pilot Rock	57.91	56	↑P	P	07 24 57.0 +0.1
I06A	Prineville	57.96	58	↑P	P	07 24 56.9 -0.4
L04A	Klamath Falls	57.99	61	↑P	P	07 24 57.5 -0.1
ARC5	ARC5S Array B	58.12	341	P	P	07 24 57.5 -0.5
ARC5	comp=Z,30nm,0.9s,mb5.3,baz=56,slow=9.0,SNR=21			PcP	PcP	07 25 48.6 -1.0
ARC5	comp=Z,7.8nm,1.0s,baz=320,slow=3.6,SNR=3.5			LR	LR	
ARC5	comp=Z,858nm,18.2s,MS4.9,baz=25,slow=42			LR	LR	
AREO	ARC5S Array S	58.12	341	eP	P	07 24 57.4 -0.7
M04C	Macdoel	58.26	61	↑P	P	07 24 59.4 -0.1
E10A	Myers Farm, Un	58.26	54	↑P	P	07 24 59.5 0.0
F09A	S2 Ranch, Elgi	58.26	55	↑P	P	07 24 59.5 0.0
K05A	Summer Lake	58.27	60	↑P	P	07 24 59.8 +0.3
I07A	Ize	58.30	58	↑P	P	07 25 00.1 +0.4
D11A	Klaveano Farm,	58.37	53	↑P	P	07 24



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KIV, TUC, SUW, MTA, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PRU, JAVC, DRGR, LTX, etc.

ANTO	comp-Z,488nm,19.0s,MS4.9	78.92 317 P	P	07 27 09.5 +1.0	NATX	comp-Z,130nm,1.0s,mb5.8	80.92 53 eP	P	07 27 19.1 -0.3	GRR	Gorron	82.83 347 iP	P	07 27 29.0 -0.2
ANTO	comp-Z,48nm,0.9s,mb5.4	78.92 317 Pmax	Pmax		NATX	Nacodogoches	80.92 53 eP	P		GRR	Gorron	82.83 347 iP	P	
TNS	comp-Z,70nm,0.9s,mb5.6	78.95 338 eP	P	07 27 08.5 0.0	SQTA	Sankt Quirin	80.92 335 iP	P	07 27 19.6 +0.5	GRR	Gorron	82.83 347 iP	P	07 27 29.0 -0.2
TNS	Tanus Mts	78.95 338 eP	Pmax		SQTA	Sankt Quirin	80.92 335 iP	pP	07 27 19.6 -3.7	GRR	Gorron	82.83 347 iP	P	
TNS	comp-Z,70nm,0.9s,mb5.6	78.95 338 eP	P	07 27 08.5 0.0	SQTA	Sankt Quirin	80.92 335 iP	P	07 27 19.6 +0.4	LOR	Lormes	82.84 340 iP	P	07 27 29.0 -0.3
JCT	comp-Z,70nm,0.9s,mb5.4	78.96 57 eP	P	07 27 08.2 -0.7	SQTA	Sankt Quirin	80.92 335 iP	Pmax		LOR	Lormes	82.84 340 iP	P	07 27 29.0 -0.3
JCT	Junction City	78.96 57 eP	P		CDF	Champ du Feu	80.92 338 iP	P	07 27 19.0 -0.1	LOR	Lormes	82.84 340 iP	P	07 27 29.0 -0.3
JCT	comp-Z,293nm,20.0s,MS4.6	78.96 57 eP	LR	07 27 08.2 -0.7	CDF	Champ du Feu	80.92 338 iP	P	07 27 19.0 -0.1	LOR	Lormes	82.84 340 iP	P	07 27 29.0 -0.3
JCT	Junction City	78.96 57 eP	Pmax		CDF	Champ du Feu	80.92 338 iP	P	07 27 19.0 -0.1	LOR	Lormes	82.84 340 iP	P	07 27 29.0 -0.3
JCT	comp-Z,26nm,1.0s,mb5.1	78.96 57 eP	Pmax		CDF	Champ du Feu	80.92 338 iP	Pmax		LOR	Lormes	82.84 340 iP	P	07 27 29.0 -0.3
JCT	comp-Z,293nm,20.0s,MS4.6	79.08 324 P	MLR		LJU	Ljubljana	80.95 332 P	P	07 27 20.0 +0.6	LOR	Lormes	82.85 336 P	P	07 27 29.4 0.0
ZIMR	Kabd	79.14 301 eP	P	07 27 09.3 +0.1	ABTA	Abtlersbach	80.95 332 iP	pP	07 27 19.8 -3.8	VAI	Tazewell	82.85 43 P	P	07 27 29.4 0.0
KBCD	Kabd	79.14 301 eP	Amb	07 27 10.7 +0.8	ABTA	Abtlersbach	80.95 332 iP	P	07 27 19.8 -3.8	TZTN	Tazewell	82.85 43 P	P	07 27 40.0 +1.0
				07 27 13.0	PTCC	Patocco-Chiusa	81.00 333 P	P	07 27 18.6 -1.0					
					FVI	Forni Avoltri	81.01 334 P	P	07 27 20.5 +0.9					
SZH	Strazhica	79.17 324 P	P	07 27 09.4 -0.4	GDZ	Gediz	81.07 319 iP	P	07 27 20.0 -0.2	PAIG	Palouiri	82.89 323 eP	P	07 27 28.6 -1.0
SIUC	Southern Illin	79.19 46 eP	P	07 27 09.3 -0.6	ALN	Alexandroupoli	81.07 337 P	P	07 27 19.9 -0.3	ULC	Ulcinj	82.89 337 iP	P	07 27 28.6 -1.0
	comp-Z,29nm,0.8s,mb5.3	79.21 339 P	P	07 27 10.1 +0.3	RDO	Rodhopi	81.10 323 eP	P	07 27 20.7 +0.5	CABF	La Chapelle	82.89 338 iP	P	07 27 29.6 0.0
MEM	Membach	79.21 339 P	P		WVT	Waverly	81.12 46 eP	P	07 27 19.4 -1.0	CABF	La Chapelle	82.89 338 iP	P	07 27 29.6 0.0
QRN	Al-Qurain	79.32 300 eP	P	07 27 11.7 +0.8	WVT	Waverly	81.12 46 eP	P	07 27 19.4 -1.0	CABF	La Chapelle	82.89 338 iP	P	07 27 29.6 0.0
QRN	Al-Qurain	79.32 300 eP	Amb	07 27 13.5	WVT	Waverly	81.12 46 eP	Pmax		CABF	La Chapelle	82.89 338 iP	Pmax	07 27 29.6 0.0
BLO	Bloomington	79.34 43 eP	P	07 27 10.0 -0.8	WVT	Waverly	81.12 46 eP	MLR		CABF	La Chapelle	82.89 338 iP	Pmax	07 27 29.6 0.0
BLO	Bloomington	79.34 43 eP	Pmax	07 27 10.0 -0.8	WVT	Waverly	81.12 46 eP	MLR		BI	Bitola	82.91 325 eP	P	07 27 26.8 -3.0
BLO	Bloomington	79.34 43 eP	Pmax		ECH	Echery	81.13 338 eP	P	07 27 20.0 -0.3	ASF	Jabal al Asfar	82.94 310 P	P	07 27 30.6 +0.6
NAY	Al-Naaeim	79.35 301 eP	P	07 27 11.4 +0.4	SISB	Singen-Schiene	81.13 336 P	P	07 27 20.7 +0.4	ASF	Jabal al Asfar	82.94 310 P	P	07 27 30.6 +0.6
MIAR	Mound Ida	79.39 51 P	PFAKE	07 27 20.0 +8.9	GMNA	Gemona	81.16 333 P	P	07 27 19.9 -0.5	ASF	Jabal al Asfar	82.94 310 P	P	07 27 30.6 +0.6
MIAR	Mound Ida	79.39 51 P	LR		KIZ	Kirchzarten	81.17 337 P	P	07 27 20.5 0.0	WES	Weston	83.03 32 PFAKE	LR	07 27 40.0 +1.0
					BOJS	Bojars	81.19 332 iP	P	07 27 20.2 -0.4					
					LBHN	Lisbon	81.20 31 P	PFAKE	07 27 30.0 +9.3	OHR	Ohrid	83.03 326 eP	P	07 27 27.0 -3.4
					LBHN	Lisbon	81.20 31 P	LR		MMAI	Mount Meron Ar	83.06 312 P	P	07 27 30.9 +0.3
RDF	Al-Radifah	79.40 301 eP	Amb	07 27 12.1 +0.8	FELD	Feldberg im Sc	81.22 337 eP	P	07 27 20.4 -0.3					
RDF	Al-Radifah	79.40 301 eP	Amb	07 27 14.6	JAVS	Javor	81.23 323 P	P	07 27 19.6 +1.2	FNA	Florina	83.09 325 eP	P	07 27 30.0 -0.6
TOD	Tromm	79.42 337 eP	P	07 27 10.9 -0.1	FETA	Feichten	81.24 335 iP	pP	07 27 21.3 -3.8	SSF	Saint Sauge	83.12 340 iP	P	07 27 30.5 -0.2
PKSM	Moragy	79.43 330 P	P	07 27 10.7 -0.5	DAVA	Damuels	81.24 336 iP	P	07 27 21.2 +0.4	SSF	Saint Sauge	83.12 340 iP	P	07 27 30.5 -0.2
PKSM	Moragy	79.43 330 iP	P	07 27 10.3 -0.8	DAVA	Damuels	81.24 336 iP	pP	07 27 21.2 -3.8	SSF	Saint Sauge	83.12 340 iP	P	07 27 30.5 -0.2
MOSA	Molin	79.43 333 iP	P	07 27 11.3 +0.2	CEY	Cerknica	81.26 332 iP	P	07 27 20.0 -1.0	SSF	Saint Sauge	83.12 340 iP	Pmax	07 27 30.5 -0.2
MOA	Molin	79.43 333 iP	pP	07 27 11.3 -4.0	MEZF	Maizieres J'vi	81.40 339 eP	P	07 27 21.7 0.0	TIR	Tirane	83.28 44 eP	P	07 27 32.6 +1.4
SIND	Sindeldorf	79.54 337 P	P	07 27 11.1 0.0	MIOF	Molkraim	81.47 338 eP	P	07 27 21.7 0.0	CPCT	Cooper Cave	83.28 44 eP	P	07 27 31.0 -0.7
ABH	Alteburg	79.55 338 eP	P	07 27 11.3 -0.1	MEZF	Maizieres J'vi	81.40 339 eP	P	07 27 21.7 0.0	SGMF	Saint Gilles	83.29 344 eP	P	07 27 31.3 -0.3
BCLA	Clavier	79.55 340 P	P	07 27 11.8 +0.1	THEF	Thy Montfort	81.42 339 eP	P	07 27 21.7 -0.1	SGMF	Saint Gilles	83.29 344 eP	P	07 27 31.3 -0.3
SWS	Schriesheim-Wi	79.56 337 P	P	07 27 12.9 +1.1	MMB	Musomist	81.47 324 P	P	07 27 22.5 +0.3	SGMF	Saint Gilles	83.29 344 eP	P	07 27 31.3 -0.3
ARSA	Arzberg	79.56 332 iP	P	07 27 12.2 -3.9	MIOF	Molkraim	81.47 338 eP	P	07 27 22.5 +0.2	SGMF	Saint Gilles	83.29 344 eP	Pmax	07 27 31.3 -0.3
ARSA	Arzberg	79.56 332 iP	pP	07 27 12.2 -3.9	KKB	Krupnik	81.49 325 P	P	07 27 22.5 +0.2	SGMF	Saint Gilles	83.29 344 eP	Pmax	07 27 31.3 -0.3
JMB	Yambol	79.56 323 P	P	07 27 12.5 +0.6	HAU	Haudompre	81.53 338 iP	P	07 27 22.0 -0.4	ORO	Oropa	83.29 336 P	P	07 27 31.8 +0.2
SNF	Senefte	79.71 340 P	P	07 27 12.6 0.0	HAU	Haudompre	81.53 338 iP	eMLR		KZI	Kozani	83.34 324 eP	P	07 27 31.4 -0.6
PARMO	Parma	79.74 47 eP	P	07 27 12.4 -0.6	HAU	Haudompre	81.53 338 iP	P	07 27 22.0 -0.4	ROSF	Rostenren	83.34 344 eP	P	07 27 31.7 -0.2
USIN	University of	79.75 45 eP	P	07 27 12.4 -0.6	HAU	Haudompre	81.53 338 iP	LR		ROSF	Rostenren	83.34 344 eP	P	07 27 31.7 -0.2
RUP	Ruppelstein	79.79 338 eP	P	07 27 12.6 -0.4	HAU	Haudompre	81.53 338 iP	LR		ROSF	Rostenren	83.34 344 eP	P	07 27 31.7 -0.2
COBT	Iskenderun	79.88 313 iP	P	07 27 14.9 +1.1	HAU	Haudompre	81.53 338 iP	Pmax	07 27 22.0 -0.4	ROSF	Rostenren	83.34 344 eP	Pmax	07 27 31.7 -0.2
LONY	Lake Ozonia	79.90 33 PFAKE	LR	07 27 30.0 +1.6	HAU	Haudompre	81.53 338 iP	MLR		ROSF	Rostenren	83.34 344 eP	Pmax	07 27 31.7 -0.2
LONY	Lake Ozonia	79.90 33 PFAKE	LR		HAU	Haudompre	81.53 338 iP	MLR		AVF	Avril sur Lor	83.41 340 iP	P	07 27 32.1 -0.1
GIVF	Givet	79.96 340 iP	P	07 27 13.5 -0.5	HAU	Haudompre	81.53 338 iP	MLR		AVF	Avril sur Lor	83.41 340 iP	P	07 27 32.1 -0.1
GIVF	Givet	79.96 340 iP	P	07 27 13.5 -0.5	HINF	Hinterferald	81.58 338 iP	P	07 27 22.1 -0.6	AVF	Avril sur Lor	83.41 340 iP	P	07 27 32.1 -0.1
GIVF	Givet	79.96 340 iP	P	07 27 13.5 -0.5	HINF	Hinterferald	81.58 338 iP	P	07 27 22.1 -0.6	AVF	Avril sur Lor	83.41 340 iP	Pmax	07 27 32.1 -0.1
GIVF	Givet	79.96 340 iP	Pmax	07 27 13.5 -0.5	HINF	Hinterferald	81.58 338 iP	Pmax	07 27 22.1 -0.6	SMF	Signal de Mont	83.43 339 iP	P	07 27 32.3 0.0
GHV	Heidenheim-Cha	79.97 336 P	P	07 27 14.7 +0.7	HINF	Hinterferald	81.58 338 iP	Pmax	07 27 22.1 -0.6	SMF	Signal de Mont	83.43 339 iP	P	07 27 32.3 0.0
KOGS	Kog	80.03 331 P	P	07 27 14.7 +0.3	OXF	Oxford	81.59 48 eP	LR	07 27 21.6 -1.3	SMF	Signal de Mont	83.43 339 iP	P	07 27 32.3 0.0
FUR	Furstenfeldbru	80.05 335 eP	P	07 27 14.7 +0.3	OXF	Oxford	81.59 48 eP	LR	07 27 21.6 -1.3	SMF	Signal de Mont	83.43 339 iP	Pmax	07 27 32.3 0.0
FUR	Furstenfeldbru	80.05 335 eP	Pmax		OXF	Oxford	81.59 48 eP	Pmax	07 27 21.6 -1.3	SMF	Signal de Mont	83.43 339 iP	Pmax	07 27 32.3 0.0
FOX	Furstenfeldbru	80.05 335 eP	P	07 27 14.7 +0.3	OXF	Oxford	81.59 48 eP	Pmax	07 27 21.6 -1.3	AOS	Alonnissos	83.44 323 eP	P	07 27 31.5 -1.1
WLF	Wallerfange	80.05 339 eP	P	07 27 14.3 -0.1	OXF	Oxford	81.59 48 eP	Pmax	07 27 21.6 -1.3	MHLO	Mount Malkishu	83.50 311 P	P	07 27 33.3 +0.3
WLF	Wallerfange	80.05 339 eP	P	07 27 14.3 -0.1	OXF	Oxford	81.59 48 eP	Pmax	07 27 21.6 -1.3	WMO	Wadi Wadi	83.50 333 P	P	07 27 33.9 +1.1
WLF	Wallerfange	80.05 339 eP	Pmax	07 27 14.3 -0.1	OXF	Oxford	81.59 48 eP	Pmax	07 27 21.6 -1.3	WHFO	Wadi Wadi	83.54 289 P	P	07 27 32.9 -0.4
WLF	Wallerfange	80.05 339 eP	Pmax	07 27 14.6 +0.2	ISP	Isparta	81.61 318 eP	P	07 27 23.2 +0.2	XOR	Xorichiti	83.56 323 eP	P	07 27 31.9 -1.2
WLF	Wallerfange	80.05 339 eP	P	07 27 14.6 +0.2	ISP	Isparta	81.61 318 eP	P	07 27 24.2 +1.2	ELN	Prospectador	83.58 41 eP	P	07 27 31.5 -1.7
STU	Stuttgart	80.08 337 eP	P	07 27 14.7 +0.1	ISP	Isparta	81.61 318 eP	Pmax	07 27 24.2 +1.2	NEO	Neokhor	83.60 323 eP	P	07 27 32.7 -0.6
BAIF	Baives	80.15 340 iP	P	07 27 14.8 -0.2	NVR	Nevrokopi	81.61 324 eP	P	07 27 23.0 0.0	FSSB	Fossombrone	83.61 332 P	P	07 27 33.5 +0.2
BAIF	Baives	80.15 340 iP	P	07 27 14.8 -0.2	PLE	Pilejvica	81.66 328 iP	P	07 27 23.0 +0.5	BDRM	Kayabasi	83.66 319 iP	P	07 27 33.8 +0.1
BAIF	Baives	80.15 340 iP	P	07 27 14.8 -0.2	DAVOX	Davos/Dischmat	81.70 336 P	P	07 27 23.5 +0.2	ERBM	Eremito	83.69 334 P	P	07 27 35.0 +1.3
BAIF	Baives	80.15 340 iP	P	07 27 14.8 -0.2	BBS	Basel-Blauen	81.73 337 eP	P	07 27 23.4 -0.1	GSCL	Giuciolina	83.70 334 P	P	07 27 35.0 +1.2
BAIF	Baives	80.15 340 iP	Pmax	07 27 14.8 -0.2	BRMO	Bormio	81.84 335 P	P	07 27 24.8 +0.8	SFI	Sofia	83.72 333 P	P	07 27 34.7 +0.9
BAIF	Baives	80.15 340 iP	Pmax	07 27 14.8 -0.2	CTI	Castel Tesino	81.84 334 P	P	07 27 23.8 -0.5	QUIF	Quintin	83.73 344 eP	P	07 27 33.5 -0.3
BAIF	Baives	80.15 340 iP	Pmax	07 27 14.8 -0.2	IVA	IVRance	81.86 327 iP	P	07 27 23.7 -0.5	QUIF	Quintin	83.73 344 eP	P	07 27 33.5 -0.3
BAIF	Baives	80.15 340 iP	Pmax	07 27 14.8 -0.2	PLAL	Pirawick Lake	81.90 47 eP	P	07 27 23.3 -1.3	QUIF	Quintin	83.73 344 eP	P	07 27 33.5 -0.3
ALLY	Alegheny Colle	80.19 38 eP	P	07 27 14.8 -0.5	SRS	Serrai	81.92 324 eP	S	07 27 24.0 -0.6	QUIF	Quintin	83.73 344 eP	Pmax	07 27 33.5 -0.3
WCI	Wyandotte Cave	80.20 44 eP	P	07 27 14.7 -0.7	PPT	Pepate	81.93 326 eS	S	07 37 26.1 -1.2</					













Table with columns: Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DHBB Dhamar BB, TRBA At Turbah, LBOS, BDHA Al Bayda', etc.

SZGRF 08 12:05:07.5, 720N, 41.32W, h33km, mb4.7, MS4.2, North Atlantic Ocean

ISCJB 08 12:05:17.8, 0.7, 8.8N, 01.3930W, 0.09, h10km, mb4.3/26, MS4.4/20, Error ellipse: s-maj=18.2km s-min=11.9km az=162.9

IDC 08 12:05:17.5, 0.9, 8.94N, 39.91W, h0km, mb3.9/11, mb1.4/1.1, mb1mx4.0/19, mbtmp3.9/11, MS4.4/20, Ms1 4.4/20, ms1mx4.2/29, Error Ellipse: s-maj=30.2km s-min=17.4km az=148.0

GCMT 08 12:05:19.5, 0.2, 8.73N, 39.39W, h12km, MW5.2/87, Moment Tensor Solution: s48,c62; s87,c151; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=6.29e.10; Mw=0.33e.10; Mbb=6.61e.11; Mbd=1.4e.31; Mbd=0.40e.09; Mv=1.54e.29; Best double couple: Mb6.64400x1016 Np1=185.00000; s38,00000; -1-87.00000; NP2: 0.1,00000; s52,00000; -A-93.00000; Principal axes: T: 6.8110, Plg7.0000; Azm93.0000; N -0.3420, Plg2.0000; Azm3.0000; P -6.4770, Plg83.0000; Azm256.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 08 12:05:19.4, 0.6, 8.70N, 39.31W, h10km, mb4.7/17 Error ellipse: s-maj=15.7km s-min=9.6km az=164.0

ISC 08 12:05:19.6, 0.7, 8.7N, 01.3927W, 0.09, h10km, n70, 0.89/57, mb4.3/26, MS4.4/20, Central Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PCRV Puerto La Cruz, SJG San Juan, SIV San Ignacio, ROSC El Rosal, etc.

Table with columns: Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, WAKR Walker, MOD Modoc, etc.

ISCJB 08 12:05:34.6, 0.7, 8.8N, 0.1x3948W, 0.07, h10km, mb5.0/29, MS4.8/3, Error ellipse: s-maj=20.6km s-min=9.8km az=174.4

MOS 08 12:05:35.9, 0.9, 9.03N, 39.65W, h10km, mb5.1/16, Error ellipse: s-maj=15.5km s-min=11.7km az=134.9

NEIC 08 12:05:35.9, 0.6, 8.76N, 39.42W, h10km, mb5.0/24, Error ellipse: s-maj=18.2km s-min=9.2km az=180.0

ISC 08 12:05:36.7, 0.7, 8.8N, 01.3950W, 0.07, h10km, n89, 0.89/82, mb5.0/29, MS4.8/3, 9C, Central Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SDDR Presa de Saban, ROSC El Rosal, LPAZ La Paz, TOAO Torodi Ar. Sit, etc.

Table with columns: Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ANN Anapa, MALT Malatya, MALT Malatya, etc.

ISCJB 08 12:14:47.9, 2.93N, 36.75E, h21km, Mb3.0

ISCJB 08 12:14:48.5, 1.1, 2.98S, 36.55E, 0.09, h0km, Error ellipse: s-maj=11.1km s-min=5.9km az=16.9

CSEM 08 12:14:49.7, 0.2, 2.98N, 36.25E, n29, ML2.3, Error ellipse: s-maj=4.3km s-min=2.1km az=105.0, Mining explosion.

SGS 08 12:14:50.6, 2.99N, 36.22E, h6km

Gil 08 12:14:51.0, 0.7, 2.99N, 36.14E, h0km, 8km

ISC 08 12:14:48.5, 1.1, 2.98S, 36.55E, 0.08, h0km, n24, 0.85/130, 2D, Western Arabian Peninsula

Main station list table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AOBJ Aqaba, EIL Elat, ZFRI Zfri, etc.

MOS 08 12:31:21.4, 1.2, 2200N, 14365E, h61km, mb4.9/31, Error ellipse: s-maj=11.2km s-min=6.3km az=94.2

BUI 08 12:31:26.7, 2.19N, 14391E, h125km, mb4.9, mb4.7

NEIC 08 12:31:28.0, 2.21N, 14368E, mb4.6/46, Error ellipse: s-maj=6.5km s-min=5.7km az=54.0

ISCJB 08 12:31:28.0, 2.9, 2.21N, 14362E, 0.04, h113km, 7km, mb4.6/82, Error ellipse: s-maj=7.2km s-min=6.0km az=5.4

IDC 08 12:31:28.0, 0.8, 2.20N, 14360E, h110km, mb4.7/20, mb1.4/3.2, mb1mx4.2/28, mbtmp4.2/23, MS3.1/4, Ms1 3.1/4, ms1mx2.6/33, Error ellipse: s-maj=17.2km s-min=10.8km az=81.0

JMA 08 12:31:30.7, 0.3, 2.251N, 144.16E, h130km, 4km, M5.0

ISC 08 12:31:29.2, 0.8, 2.217N, 144.04E, h109km, 6km, h109km, 2.0km, pp-P, n427, 0.866/435, mb4.6/82, 107C-84D, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JHHU Haha-jima-NKTA, CBJJ Chichi-jima, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HJH, JMU, JMZ, BSO1, BSO3, BSO4, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KMI, MA2, ULN, SONM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMR, SMLL, MCK, MCKinley, etc.



NEW	baz=79, SNR=5.8	79.62	42	eP	P	12 43 24.2	-0.3
NEW	comp=Z, 7.9nm, 0.8s, mb4.6	79.62	42	eP	Pmax	12 43 24.2	-0.3
SUTB	baz=80	79.66	52	↑P	P	12 43 24.6	-0.3
C10A	Spiker Farm, baz=80, SNR=9.3	79.67	43	↑P	P	12 43 24.8	+0.1
Q03C	Winters	79.70	53	↑P	P	12 43 25.1	0.0
ORV	Oroville	79.76	52	↑P	P	12 43 25.3	-0.1
O04C	Chester	79.79	51	↑P	P	12 43 25.9	+0.3
MOD	Modoc	79.80	49	eP	P	12 43 25.7	+0.2
MOD	Modoc	79.80	49	↑P	P	12 43 25.7	+0.1
A11A	Hall Mountain, baz=80	79.83	41	↑P	P	12 43 26.3	+0.7
M06C	Likely Place G	79.92	50	↑P	P	12 43 26.6	+0.4
ELFS	Eagle Lake Fie	79.95	50	↑P	P	12 43 26.9	+0.5
J07A	Hines	79.96	47	↑P	P	12 43 26.9	+0.5
D10A	Wagner Farm, O	79.97	43	↑P	P	12 43 26.6	+0.2
H08A	Prairie City	79.98	46	↑P	P	12 43 26.6	+0.1
B11A	Sandpoint	80.02	42	↑P	P	12 43 27.0	+0.4
O05C	Quincy	80.04	51	↑P	P	12 43 26.8	-0.1
F09A	S2 Ranch, Elgi	80.06	45	↑P	P	12 43 26.9	+0.1
J0F	Joensuu	80.09	335	eP	P	12 43 24.2	-2.5
K07A	Rock Creek Ran	80.25	48	↑P	P	12 43 28.3	+0.3
O08A	Drewsey	80.27	47	↑P	P	12 43 28.2	+0.1
A12A	Yaak River Ran	80.27	41	↑P	P	12 43 28.5	+0.6
E10A	Myers Farm, Un	80.29	44	↑P	P	12 43 28.2	+0.1
F10A	Beach Ranch, E	80.40	44	↑P	P	12 43 29.3	+0.6
L07A	Adell	80.43	49	↑P	P	12 43 29.7	+0.7
BEKR	Beckworth	80.48	51	↑P	P	12 43 29.3	+0.1
B12A	Libby	80.49	42	↑P	P	12 43 29.6	+0.5
N06A	Buffalo Meadow	80.54	50	↑P	P	12 43 29.4	-0.2
J08A	Circle Bar Ran	80.54	47	↑P	P	12 43 29.5	0.0
D11A	Klaveano Farm,	80.57	43	↑P	P	12 43 29.4	-0.2
LAVA	Lava Cap Winer	80.59	52	↑P	P	12 43 29.9	0.0
S04C	Ingram Canyon,	80.60	53	↑P	P	12 43 29.9	0.0
O06A	Flanigan	80.75	50	↑P	P	12 43 30.6	-0.1
K08A	Mann Creek Ran	80.76	48	↑P	P	12 43 30.9	+0.3
WV0R	Wild Horse Val	80.76	48	eP	P	12 43 30.4	-0.3
WV0R	Wild Horse Val	80.76	48	eP	Pmax	12 43 30.4	-0.3
BMO	Blue Mountains	80.77	45	eP	P	12 43 30.8	+0.1
BMO	Blue Mountains	80.77	45	eP	Pmax	12 43 30.8	+0.1
M07A	Soldier Meadow	80.77	49	↑P	P	12 43 31.2	+0.4
PACP	Pacheco Peak	80.81	54	↑P	P	12 43 31.1	+0.1
I09A	Lost Marbles R	80.81	46	↑P	P	12 43 30.7	-0.2
HAST	UC Hastings Re	80.83	55	↑P	P	12 43 31.1	-0.1
P06A	Stead Airport,	80.87	51	↑P	P	12 43 31.7	+0.3
E11A	Bogner Ranch,	80.91	44	↑P	P	12 43 31.2	-0.3
J09A	Fry Pan Ranch,	81.03	47	↑P	P	12 43 32.4	+0.3
L08A	Fields	81.06	48	↑P	P	12 43 32.8	+0.5
R05C	Kirkwood Meado	81.10	52	↑P	P	12 43 32.6	0.0
CMB	Columbia Colle	81.11	53	eP	P	12 43 32.5	-0.2
CMB	Columbia Colle	81.11	53	eP	Pmax	12 43 32.5	-0.2
CMB	Columbia Colle	81.11	53	eP	Pmax	12 43 32.7	+0.1
F11A	Grangeville	81.13	44	↑P	P	12 43 32.2	-0.4
N07B	Gerlach	81.14	50	↑P	P	12 43 33.1	+0.4
B13A	Whitefish	81.22	41	↑P	P	12 43 33.5	+0.5
BSMT	Bassoo Peak	81.23	42	eP	P	12 43 32.2	-0.9
H10A	Noah's Angus R	81.24	45	↑P	P	12 43 32.7	-0.5
G11A	Walter Elk Ra	81.24	45	↑P	P	12 43 32.7	-0.5
WALA	Waterton Lakes	81.28	41	eP	P	12 43 33.9	+0.6
K09A	Rome	81.29	48	↑P	P	12 43 33.5	-0.1
M08A	Happy Creek Ra	81.31	49	↑P	P	12 43 33.5	-0.1
I10A	Payette	81.39	46	↑P	P	12 43 33.8	-0.2
S05C	Merced	81.40	53	↑P	P	12 43 33.9	-0.4
U04C	Hernandez Rese	81.41	54	↑P	P	12 43 34.3	0.0
C13A	Hot Springs	81.43	42	↑P	P	12 43 34.3	+0.2
O07A	Toulon	81.43	50	↑P	P	12 43 34.2	-0.1
S06C	San Francisco	81.56	53	↑P	P	12 43 34.9	-0.2
L09A	Wilkinson Ranc	81.59	48	↑P	P	12 43 35.4	+0.3
V04C	Ramage Ranch,	81.61	55	↑P	P	12 43 35.2	-0.2
R06C	Coleville	81.62	52	↑P	P	12 43 35.8	+0.5
H10A	Berg Farm, Mel	81.67	47	↑P	P	12 43 35.6	+0.1
J11A	Donnelly	81.68	45	↑P	P	12 43 35.1	-0.4
D13A	Huson	81.73	43	↑P	P	12 43 35.3	-0.5
PKD	Parkfield	81.75	55	↑P	P	12 43 36.2	+0.1
F12A	Elk City	81.76	44	↑P	P	12 43 36.3	+0.4
K10A	MacKenzie Ranc	81.84	47	↑P	P	12 43 36.8	+0.4
C14A	Swan Lake	81.90	42	↑P	P	12 43 36.8	+0.4
U05C	Westside ANR,	81.92	54	↑P	P	12 43 37.5	+0.5
M09A	Marrel Ranch,	81.96	49	↑P	P	12 43 37.3	+0.3
T06C	Millerton Lake	81.98	53	↑P	P	12 43 37.0	-0.2
111A	Placerville	82.02	46	↑P	P	12 43 36.9	-0.4
R07C	Lee Vining	82.02	52	↑P	P	12 43 38.2	+0.4
PTRM	Twissleman Ran	82.10	55	eP	P	12 43 37.5	-0.4
N09A	Rock Creek Ran	82.13	49	↑P	P	12 43 38.1	+0.1
KCC	Kaiser Creek	82.16	53	↑P	P	12 43 37.5	-0.7
E13A	Victor	82.16	43	↑P	P	12 43 37.8	-0.2
MFID	Camas Ranch	82.30	46	↑P	P	12 43 38.9	+0.1
L10A	Juniper Basin	82.39	48	↑P	P	12 43 39.3	0.0
MLAC	Mammoth Lakes	82.40	53	↑P	P	12 43 39.5	+0.1
KAF	Kangasniemi	82.49	335	eP	P	12 43 37.0	-2.4
KAF	Kangasniemi	82.49	335	eP	Pmax	12 43 37.0	-2.4
NVAR	Min Array Bea	82.49	52	↑P	P	12 43 39.9	0.0
NVAR	Min Array Bea	82.49	52	↑P	P	12 43 39.9	0.0
H12A	Diamond D Ranc	82.50	45	↑P	P	12 43 39.8	0.0
M10A	LL Ranch, Tu	82.56	48	↑P	P	12 43 40.3	+0.1
RCTC	Reactor, Farmer	82.59	54	↑P	P	12 43 40.5	0.0
Q08A	Gabbs	82.59	51	↑P	P	12 43 40.0	-0.4
HELL	Mitchell Peak,	82.62	54	↑P	P	12 43 40.2	-0.4
O09A	Fish Creek Ran	82.62	50	↑P	P	12 43 40.8	+0.2
PKM	Peak Mountain	82.68	55	↑P	P	12 43 41.0	+0.1
G13A	Cobalt	82.68	44	↑P	P	12 43 40.3	-0.5
MTUM	Tungsten Hills	82.70	53	eP	P	12 43 40.1	-0.9
L11A	LL Ranch, Tu	82.74	47	↑P	P	12 43 41.6	-0.1
J12A	Stokes Ranch,	82.86	46	↑P	P	12 43 41.5	-0.2
VES	Vestal, Richgr	82.89	54	↑P	P	12 43 41.3	-0.7
N10A	Dunphy	82.89	49	↑P	P	12 43 42.3	+0.4
P09A	Austin	82.90	50	↑P	P	12 43 42.3	+0.3
S08C	White Mtn Res	82.94	52	↑P	P	12 43 42.6	+0.4
F14A	Wisdom	82.94	43	↑P	P	12 43 42.4	+0.4
FINES	FINESS Array B	82.95	335	iP	Pmax	12 43 40.2	-1.6
FINES	FINESS Array B	82.95	335	iP	Pmax	12 43 39.9	-1.9
O10A	Cortez Mining,	83.06	49	↑P	P	12 43 43.1	+0.3
TIN	Timemaha	83.06	53	↑P	P	12 43 43.2	+0.3
M11A	Holland Ranch,	83.11	48	↑P	P	12 43 43.4	+0.4
G14A	Jackson	83.12	44	↑P	P	12 43 42.8	-0.2
E15A	Deer Lodge	83.15	43	↑P	P	12 43 43.0	-0.1
Q09A	Carvers	83.15	51	↑P	P	12 43 43.2	-0.1
HLUD	Hailey	83.19	46	eP	P	12 43 42.9	-0.5
K12A	Draper Farm,	83.23	47	↑P	P	12 43 43.9	+0.2
I13A	Wildhorse Cree	83.24	45	↑P	P	12 43 44.0	+0.4
P10A	Eureka	83.35	50	↑P	P	12 43 44.1	-0.2
L12A	Houder Creek Ra	83.35	47	↑P	P	12 43 44.3	+0.1
N11A	Elko Archery C	83.39	49	↑P	P	12 43 44.6	+0.1
CWC	Cottonwood Cre	83.41	53	↑P	P	12 43 44.6	-0.1
ISA	Isabella	83.41	54	↑P	P	12 43 43.7	-1.1
J13A	Cove Ranch, Pi	83.41	46	↑P	P	12 43 44.9	+0.3
R09A	Tonopah	83.46	51	↑P	P	12 43 45.0	+0.1
F15A	Butte	83.49	43	↑P	P	12 43 44.9	0.0
LRM	Larkin Ridge	83.52	43	eP	P	12 43 43.9	-1.2
HRV	Holter Researc	83.52	42	eP	P	12 43 45.2	+0.1
S09A	Goldfield	83.55	52	↑P	P	12 43 45.3	0.0
OSI	Osito Adit	83.62	55	↑P	P	12 43 45.6	-0.2
M12A	Wells	83.72	48	↑P	P	12 43 46.7	+0.6
GRAC	Grapevine Rang	83.72	53	↑P	P	12 43 46.4	+0.2
O11A	Cowboy Ranch,	83.72	49	↑P	P	12 43 46.1	0.0
G15A	Dillon	83.78	44	↑P	P	12 43 46.8	+0.5
K13A	Stover Farm, H	83.78	46	↑P	P	12 43 46.8	+0.3
N12A	Clover Valley,	83.86	48	↑P	P	12 43 47.1	+0.2
P11A	Circle Ranch,	83.88	50	↑P	P	12 43 47.2	+0.2
S10A	Tonopah Range,	83.93	52	↑P	P	12 43 47.3	0.0
R10A	Warm Springs	83.99	51	↑P	P	12 43 47.7	+0.1
MPMC	Manual Propsec	84.00	54	↑P	P	12 43 47.7	0.0
LRMC	Laurel Mountai	84.07	54	↑P	P	12 43 47.9	-0.1
EDW2	Edwards Air Fo	84.08	55	↑P	P	12 43 48.0	-0.1
L13A	Double Diamond	84.11	47	↑P	P	12 43 48.7	+0.6
BOZ	Bozeman (W)	84.12	43	eP	P	12 43 47.5	-0.5
BOZ	Bozeman (W)	84.12	43	eP	P	12 43 48.3	+0.2
Q11A	Duckwater	84.24	50	↑P	P	12 43 48.7	+0.1
M13A	Montello	84.26	48	↑P	P	12 43 49.0	-0.1
FURC	Furnace Creek,	84.30	53	↑P	P	12 43 48.9	+0.3
CIS							







Table with columns: Station Name, AML, AML, 14 35 34.5, etc. Includes stations like HAJJ Hajjah, HAJJ Udayn, HAJJ At Turbah, etc.

ISK 08 15:13:25.8, 4016N-3544E, h10km, MD3.1
ISCJB 08 15:13:26.6, 1.4, 4008N, 0.003, 3565E, 0.10, h5km, 9km, Error ellipse: s-maj=12.7km s-min=3.3km az=168.8

CSEM 08 15:13:29.5, 0.2, 4000N-3521E, h5km, MD3.1, Error ellipse: s-maj=7.7km s-min=3.5km az=71.0
DDA 08 15:13:29.5, 4002N-3545E, h3km, Md2.8

ISC 08 15:13:27.2, 1.3, 4008N, 0.004, 3568E, 0.10, h12km, 8km, n13, c1507/22, Turkey

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like YOZ Yozgat, CORM Corum, etc.

NIED 08 15:25:00, 3090N-14210E, h5km, Mw4.2 Best double couple: M2 59000-1015, NP1 208 00000-813, 00000-1, 145, 00000- NP2 333, 00000-82, 00000-1, 79, 00000-2

IDC 08 15:25:37.5, 0.8, 3080N-14201E, h0km, mb4, 0/12, mb1 4.1/17, mb1mx4.0/23, mbtmp4.0/17, ML3.7/5, MS3.2/3, Ms1 3.2/3, ms1mx2.7/34, Error ellipse: s-maj=24.7km s-min=17.0km az=64.0

JMA 08 15:25:37.1, 0.2, 3087N-14209E, h7km, M4.4
MOS 08 15:25:40.7, 1.0, 3087N-14201E, h32km, mb4.3/17, Error ellipse: s-maj=23.1km s-min=8.1km az=118.1

ISCJB 08 15:25:40.7, 0.4, 3082N, 0.004, 14194E, 0.08, h33km, mb4.2/26, MS3.6/3, Error ellipse: s-maj=10.8km s-min=4.2km az=159.0

BUJ 08 15:25:40.2, 3080N-14193E, h31km, mb4.7, mb4.2, Ms4.0, Ms3.8

NEIC 08 15:25:43.0, 0.6, 3074N-14186E, h35km, mb4.4/7, Error ellipse: s-maj=17.3km s-min=11.4km az=37.0

ISC 08 15:25:42.6, 0.4, 3077N, 0.004, 14192E, 0.08, h35km, (h37km, 4.6km; pP-P), n76, c1502/88, mb4.2/26, MS3.6/3, 1C, Southeast of Honshu

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like JHU2 Mitsune, JHU3 Hachiojima, etc.

Main table with columns: Station Name, AML, AML, 14 35 34.5, etc. Includes stations like MDJ, MDJ, MDJ, etc.

Table with columns: LPAZ, La Paz, 149.03 69, PKPbc, PKPbc, 15 45 27.4 -0.2

IDC 08 15:52:19.3, 2.9, 2999S-17777W, h0km, mb4.2/4, mb1 4.3/4, mb1mx4.1/12, mbtmp4.2/4, Error ellipse: s-maj=135.6km s-min=43.8km az=162.0, Kermadec Islands

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like CTA Charters Tower, STKA Stephens Creek, etc.

NEIC 08 16:02:17.1, 0.3, 121N-12653E, h10km, mb4.5/15, Error ellipse: s-maj=14.8km s-min=6.3km az=71.0

ISCJB 08 16:02:19.3, 2.7, 121N, 0.007, 1265E, 0.1, h39km, 25km, mb4.4/28, MS4.0/1, Error ellipse: s-maj=20.5km s-min=10.4km az=161.7

IDC 08 16:02:21.0, 4.6, 123N-12666E, h37km, 38km, mb4.0/11, mb1 4.1/12, mb1mx4.0/18, mbtmp4.0/12, ML3.6/1, Error ellipse: s-maj=38.5km s-min=11.5km az=72.0

BUJ 08 16:02:25.4, 1.46N, 12653E, h76km, mb4.5, mb4.8, Ms4.4, Ms24.2

ISC 08 16:02:21.1, 2.3, 119N, 0.006, 1266E, 0.1, h38km, 22km, n42, c1502/41, mb4.4/28, MS4.0/1, Northern Molucca Sea

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, etc.

ISCJB 08 16:03:24.9, 0.5, 659S-10515E, 0.09, h10km, mb4.5/28, MS3.6/3, Error ellipse: s-maj=14.7km s-min=9.2km az=145.8

NEIC 08 16:03:25.0, 0.6, 653S-10519E, h10km, mb4.5/10, Error ellipse: s-maj=19.0km s-min=12.4km az=69.0

IDC 08 16:03:26.1, 0.7, 618S-10536E, h0km, mb4.3/11, mb1 3.6/4, ms1mx3.2/7, Error ellipse: s-maj=35.1km s-min=16.3km az=57.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Christmas Isia, West Island, Prapat, Fitzroy Crossi, etc.

ISC 08 16:21:55.6±0.1, 883N-3940W, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/18, mbtmp3.8/7, Error ellipse: s-maj=39.2km, s-min=21.4km az=165.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for El Rosal, La Paz, Torodi Ar. Bea, Urdm Lac du Bonnet, etc.

ISC/JB 08 16:25:55.3±0.6, 5140N-003.1614E-003, h0km, Error ellipse: s-maj=4.8km s-min=2.6km az=24.2

NEIC 08 16:25:52.0±0.7, 5151N-1620E, h5km, ML2.5(CLL), Error ellipse: s-maj=7.6km s-min=6.8km az=213.0

ISC 08 16:25:56.9±0.8, 5143N-1611E, h0km, mb1 3.3/6, mb1mx3.1/21, mbtmp3.2/6, ML2.8/6, Error ellipse: s-maj=13.2km s-min=7.5km az=177.0

IPEC 08 16:25:56.0±0.3, 5143N-1620E, h2km, ML2.3/4, Error ellipse: s-maj=1.9km s-min=0.7km az=29.0

WAR 08 16:25:57.0±1.45N-1618E, ML2.6 Mining Induced CSEM 08 16:25:57.1±0.1, 5139N-1613E, h0km, ML3.2/9, Error ellipse: s-maj=3.1km s-min=1.5km az=14.0

PRU 08 16:25:58.4, 5138N-1608E, h0km, Felt In Harrachov VIE 08 16:25:59.1±0.6, 5120N-1609E, h0km, mb2.1/2, ML2.8/5, Error ellipse: s-maj=3.3km s-min=3.0km az=172.0, Suspected Mining induced.

ISC 08 16:25:56.2±0.5, 5142N-003.1615E-003, h0km, m78, e1911/135, 6C-4D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Ksiaz, Panska Ves, Berggiesshubel, Dobruska-Polom, etc.

Main table with columns: PRRU, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Pruhonice, Moravsky Berou, Colim, Ostrava-Krasne, etc.

MS4.8/69 Error ellipse: s-maj=9.0km s-min=4.2km az=174.0

BUJ 08 16:28:08.0, 860N-3940W, h10km, mb5.6, Ms4.5, Msz2.0 MOS 08 16:28:09.7±1.7, 960N-3934W, h10km, mb5.4/70, MS4.7/30, Error ellipse: s-maj=7.7km s-min=5.5km az=55.0

CSEM 08 16:28:13.1±0.1, 973N-3913W, h33km, mb5.3/55, Ms4.4, Error ellipse: s-maj=7.2km s-min=2.4km az=171.0

ISC 08 16:28:08.4±0.3, 864N-006.3939W-003, h10km, n555, e0878/483, mb5.1/115, MS4.8/84, 70C-82D, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Puerto La Cruz, Cerro la Pandu, Cerro la Pandu, San Juan, etc.

SZGRF 08 16:27:55.7, 679N-4075W, h33km, mb5.1, MS4.4, North Atlantic Ocean

ISC/JB 08 16:28:06.0±0.3, 867N-006.3938W-003, h10km, mb5.1/115, MS4.8/84, Error ellipse: s-maj=8.9km s-min=4.4km az=173.6

ISC 08 16:28:06.3±0.6, 871N-3948W, h0km, mb4.2/22, mb1 4.4/22, mb1mx4.3/26, mbtmp4.2/22, MS4.6/18, Ms1 4.6/18, ms1mx4.6/18, Error ellipse: s-maj=19.9km s-min=13.4km az=149.0

GCMT 08 16:28:08.0±0.1, 862N-3944W, h12km, MW5.3/97, Moment Tensor Solution: e60, e98, s97, c166, Duration: 1s1 Moment tensor: Scale 1017Nm; Mr=1.22e-02; Mw=0.025; 01; Ms=1.27e-02; M=0.15e-05; Mw=0.16e-01; Mw=0.02e-04; Best double couple: Mo: 2.6400e-1017 NP1: 360.00000, 845.00000, -100.00000; NP2: 9e194.00000, 846.00000, -10.00000; Principal axes: T 1.2890, P1g1.0000, Azm277.0000; N -0.0510, P1g7.0000, Azm7.0000; P -1.2380, P1g83.0000; Azm180.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 08 16:28:08.0±0.3, 860N-3943W, h10km, mb5.3/97,



Table with columns: Call Sign, Frequency, Power, Modulation, and other technical details. Includes stations like RJF, CAF, SCHQ, FCH, AAM, etc.

Table with columns: Call Sign, Frequency, Power, Modulation, and other technical details. Includes stations like SBF, LPL, LPG, CABB, FVM, MEZF, etc.

Table with columns: Call Sign, Frequency, Power, Modulation, and other technical details. Includes stations like NKC, MOA, GEC2, GEC3, etc.





8d 16h

Table with columns for station name, coordinates, elevation, and various signal quality metrics (e.g., SNR, S/N, etc.).

2007 FEB

Table with columns for station name, coordinates, elevation, and various signal quality metrics (e.g., SNR, S/N, etc.).

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Table with columns for station name, coordinates, elevation, and various signal quality metrics (e.g., SNR, S/N, etc.).

NEIC 08 16:44:45.1, 371.15S: 17764E, h96km, ML4.5(WEL), After WEL.

WEL 08 16:44:45.9, 0.5, 37125S: 17760E, h87km, 5km, ML4.4/23, 20-7D, Error ellipse: s-maj=2.6km s-min=2.4km az=90.0, Off

Table with columns for Code, Station Name, Azimuth, Phase ID, and Time Res. Lists various stations and their associated data.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Cannon Point, Traveller, Paruwai Farm, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BORG Borgarnes, SFJUD Kangerlussuaq, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KEVO Kevo, OULU Oulu, etc.

ATH 08 18:03:26.8, 4085N-2283E, h22km, 2km, MD3.3/6

THE 08 18:03:26.7, 4085N-2284E, h9km, ML2.7

NEIC 08 18:03:26.8, 4085N-2283E, h22km, MD3.3(ATH), After ATH.

ISCJB 08 18:03:26.2, 0.3, 4085N-002-2283E-003, h11km, 4km, Error ellipse: s-maj=4.2km s-min=2.7km az=32.4

SKO 08 18:03:27.6, 4087N-2277E, h6km

CSEM 08 18:03:27.1, 0.1, 4085N-2283E, h5km, ML2.7, Error ellipse: s-maj=1.6km s-min=1.2km az=25.0

ISC 08 18:03:26.8, 0.3, 4085N-002-2283E-003, h12km, 4km, n48, c0870/80, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like THE Thessaloniki, HORT Hortiatis, etc.

ISCJB 08 18:13:11.5, 0.3, 6781N-002-2020E-006, h0km, Error ellipse: s-maj=3.6km s-min=1.0km az=10.4

IDC 08 18:13:12.9, 1.0, 6787N-2044E, h0km, mb1 3.0/4, mb1mx2.9/2.1, mbmp2.9/4, ML2.6/4, Error ellipse: s-maj=16.3km s-min=5.8km az=124.0

CSEM 08 18:13:12.4, 0.1, 6784N-2041E, h1km, ML2.6, Error ellipse: s-maj=2.7km s-min=2.6km az=65.0, Suspected Mining explosion.

UPP 08 18:13:12.8, 6783N-2020E, h0km, ML2.6, Suspected Mining explosion.

NAO 08 18:13:13.8, 1.1, 6777N-2058E, ML2.5

HEL 08 18:13:13.5, 0.1, 6784N-2021E, h0km, ML2.3, ML2.6(UPP), ML2.2(BEFA), Suspected explosion

BER 08 18:13:15.5, 3.5, 6781N-2029E, h0km, ML2.2, ML2.5(NAO), Suspected explosion

ISC 08 18:13:12.8, 0.3, 6782N-002-2025E-006, h0km, m59, c0899/101, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KUA Kuravaara, NIKA Nikkaluokta, etc.

ISCJB 08 18:16:02.2, 4085N-2287E, h16km

NEIC 08 18:16:02.5, 4086N-2279E, h8km, MD3.2(ATH), After ATH.

ISCJB 08 18:16:02.6, 0.3, 4085N-002-2281E-002, h8km, Error ellipse: s-maj=3.3km s-min=2.3km az=30.9

ATH 08 18:16:02.5, 4086N-2279E, h8km, 2km, MD3.2/6

CSEM 08 18:16:03.2, 0.1, 4085N-2282E, h2km, ML2.6, Error ellipse: s-maj=1.8km s-min=1.2km az=40.0

THE 08 18:16:03.2, 4085N-2283E, h8km, ML2.6

ISC 08 18:16:03.3, 0.3, 4084N-002-2282E-002, h3km, 6km, n48, c0899/82, 8D, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like THE Thessaloniki, HORT Hortiatis, etc.









comp=Z,0.3nm,0.6s,mb3.9,baz=62,slow=7.5,SNR=8.3  
**TORD** Torodi Ar Bea 52.59 258 P P 00 23 49.5 -1.7  
 comp=Z,0.4nm,0.8s,mb3.4,baz=47,slow=6.3,SNR=4.5  
**YKA** Yellowknife Ar 80.51 355 P P 00 26 49.2 +0.4  
**YKA** Yellowknife Ar 80.51 355 P P 00 26 51.5 +2.6  
**YKA** Yellowknife Ar 80.51 355 P P 00 26 49.2 +0.4  
 comp=Z,0.3nm,0.6s,mb3.4,baz=5.3,slow=5.1,SNR=6.3

**ISCJB 09 00:16:06.2.6.8, 32N.02.934E.01, h31km,49km,mb4.0/6,**  
 Error ellipse: s-maj=39.3km s-min=13.9km az=24.5  
**NEIC 09 00:16:07.9.1.3, 320N.9344E, h30km,mb4.5/1, Error**  
 ellipse: s-maj=34.3km s-min=12.8km az=219.0  
**IDC 09 00:16:10.5.6.9, 329N.9353E, h50km,61km,mb3.7/5,**  
 mb1 3.8,mb1mx3.5/21,mbtmp3.7/6,ML3.7/1, Error  
 ellipse: s-maj=61.4km s-min=25.4km az=55.0  
**ISC 09 00:16:07.4.7.0, 32N.02.934E.01, h27km,50km,n8,**  
 o56/10,mb4.0/6, Off west coast of northern Sumatera

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
PSI	Prapat	5.55	93	P	Op	ISC					
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P	Pn	00	17	28.3	0.0		
PSI	Prapat	5.55	93	P	Pn	00	18	14.4	+0.2		
PSI	Prapat	5.55	93	P							











LIC	comp=Z,1µm,18.0s,MS4.7	Lamto	51.13 243	eP	P	02 31 59.9	-2.4
LIC	comp=Z,5.4nm,0.9s,mb5.5	Lamto	51.13 243	eP	P	02 31 58.8	-3.5
LIC	comp=Z,18nm,0.9s,mb5.0				LR		
CIT	comp=Z,600nm,18.0s,MS4.7	Chita	51.97	49 eP	P	02 32 08.5	+0.5
CIT				e		02 33 25.9	
CIT				e	pmax	02 34 08.0	
CD2	comp=Z,234nm,1.8s,mb5.8	Chengdu	52.75	77 P	P	02 32 13.5	-0.7
CD2				AP	sP	02 32 18.3	
CD2				XP	sP	02 32 20.8	+6.3
CD2				PP	PP	02 34 11.8	-1.5
CD2				S	S	02 39 37.4	-6.0
CD2	comp=Z,10.0nm,0.5s,mb5.0			S	AMB		
CD2	comp=Z,230nm,3.5s				AMB		
CD2	comp=N,1µm,16.2s				LR		
CD2	comp=Z,1µm,15.6s,MS5.1				LR		
BTO	comp=Z,1µm,15.6s,MS5.1	Baotou	53.39	64 eP	P	02 32 19.7	+1.0
TIXI	comp=Z,90nm,1.6s,mb5.5	Tiksi	54.05	23 eP	P	02 32 22.6	-0.5
TIXI	comp=Z,1µm,22.0s,MS4.9				LR		
TIXI	comp=Z,1µm,22.0s,MS4.9	Tiksi	54.05	23 jP	P	02 32 21.7	-1.4
TIXI				e		02 34 22.7	
TIXI				e	S	02 40 00.1	+0.2
TIXI				e	S	02 41 11.8	
TIXI				e	SS	02 43 34.9	-5.7
TIXI				e	pmax		
LSZ	comp=Z,43nm,1.2s,mb5.3	Lusaka	54.31	193 eP	P	02 32 25.7	+0.1
LSZ	comp=Z,18nm,1.1s,mb5.0				LR		
LSZ	comp=Z,2µm,19.0s,MS5.1	Lusaka	54.31	193 eP	P	02 32 25.7	+0.1
LSZ	comp=Z,18nm,1.1s,mb5.0				pmax		
LSZ	comp=Z,2µm,19.0s,MS5.1				MLR		
LSZ	comp=Z,7.6nm,1.0s,mb4.7,baz=19,slow=6.4,SNR=10.0	Lusaka	54.31	193 P	P	02 32 26.1	+0.5
HHC	comp=Z,7.6nm,1.0s,mb4.7,baz=19,slow=6.4,SNR=10.0	Hu-ho-hao-te	54.38	63 eP	P	02 32 26.4	+0.4
HHC				XP	sP	02 32 33.1	+7.0
HHC				PP	PP	02 34 29.6	+1.9
HHC				PCS	PCs	02 37 28.7	-0.6
HHC				S	S	02 40 01.9	-3.3
HHC				S	SCS	02 42 11.7	-4.9
HHC				S	SCS		
HHC	comp=Z,88nm,1.0s,mb5.7			AMB	AMB		
HHC	comp=Z,1µm,3.6s				AMB		
HHC	comp=N,2µm,17.8s,MS5.5				LR		
HHC	comp=E,3µm,17.8s,MS5.5				LR		
HHC	comp=Z,4µm,16.9s,MS5.5				LR		
KMI	comp=Z,21nm,1.4s,mb5.0	Kunming	54.72	84 P	P	02 32 27.7	-1.0
KMI				AP	PP	02 32 32.2	
KMI				PP	PP	02 34 32.6	+1.5
KMI				S	S	02 40 04.8	-5.4
KMI				S	SCS	02 43 46.3	-6.6
KMI				S	SSS		
KMI	comp=Z,21nm,1.4s,mb5.0			AMB	AMB		
KMI	comp=Z,299nm,3.3s				AMB		
KMI	comp=N,800nm,18.1s,MS5.0				LR		
KMI	comp=E,777nm,16.8s,MS5.0				LR		
KMI	comp=Z,769nm,16.8s,MS4.8	Kunming	54.72	84 P	P	02 32 27.7	-1.0
KMI	comp=Z,21nm,1.4s,mb5.0				P		
KMI				sP	sP	02 32 32.2	
KMI				PP	PP	02 32 33.8	+5.0
KMI				PP	PP	02 34 32.6	+1.5
KMI				PPP	S	02 35 42.8	
KMI				S	S	02 40 04.8	-5.4
KMI				S	SCS	02 42 17.7	+1.2
KMI				S	SSS	02 43 46.3	-6.6
KMI				LR	LR	02 45 37.4	
KMI	comp=Z,770nm,16.8s,MS4.8	Kunming	54.72	84 P	P	02 32 27.7	-1.0
KMI				*PP	*SP	02 32 32.2	
KMI				*SP	sP	02 32 33.8	+5.0
KMI				S	S	02 34 32.6	+1.5
KMI				PPP	S	02 35 42.8	
KMI				*SS	sS	02 40 04.8	-5.4
KMI				S	S	02 42 17.7	+1.2
KMI				SS	SS	02 43 46.3	-6.6
KMI				pmax	pmax		
KMI	comp=Z,21nm,1.4s,mb5.0				MLR		
CHG	comp=Z,770nm,16.8s,MS4.8	Chiang Mai	55.08	93 jP	P	02 32 30.1	-1.3
CHTO	comp=Z,46nm,0.9s,mb5.5	Chiang Mai	55.08	93 eP	P	02 32 29.7	-1.7
CHTO	comp=Z,13nm,0.8s,mb5.0				LR		
CHTO	comp=Z,484nm,19.0s,MS4.6	Chiang Mai	55.08	93 eP	P	02 32 29.7	-1.7
CHTO	comp=Z,13nm,0.8s,mb5.0				pmax		
CHTO	comp=Z,484nm,19.0s,MS4.6				MLR		
CHTO	comp=Z,484nm,19.0s,MS4.6	Chiang Mai	55.08	93 P	P	02 32 30.5	-0.8
XAN	SNR=1	Xi'an	55.27	71 P	P	02 32 31.0	-1.6
XAN				AP	S	02 32 36.4	
XAN				S	AMB	02 40 12.5	-4.9
XAN	comp=Z,36nm,1.5s,mb5.2				AMB		
XAN	comp=Z,154nm,4.5s				LR		
XAN	comp=N,1µm,16.5s,MS5.2				LR		
XAN	comp=E,2µm,18.9s,MS5.2				LR		
XAN	comp=Z,2µm,18.9s,MS5.2				LR		
CM31	comp=Z,2µm,18.9s,MS5.3	Chiang Mai Arr	55.28	93 PFAKE	LR	02 32 40.0	+7.2
BDT	comp=Z,623nm,19.0s,MS4.7	Bhumibol Dam	56.01	94 P	P	02 32 37.5	-0.6
TIV		Taiyuan	56.26	66 jP	PP	02 32 38.8	-0.8
TIV				PP	PP	02 34 35.8	+1.1
TIV				S	S	02 40 32.6	+2.1
TIV				LR	LR		
TIV	comp=N,2µm,16.1s,MS5.2				LR		
NANT	comp=E,1µm,18.5s,MS5.2	Nan	56.47	92 jP	P	02 32 40.0	-1.3
HIA	comp=E,225nm,0.9s,mb6.2	Hailar	56.58	51 eP	P	02 32 42.5	+0.8
HIA	comp=E,83nm,1.2s,mb5.6				LR		
HIA	comp=Z,3µm,19.0s,MS5.4	Hailar	56.58	51 eP	P	02 32 42.5	+0.8
HIA				e	pmax		
HIA	comp=Z,83nm,1.2s				MLR		
HIA	comp=Z,3µm,19.0s				MLR		
CLNS	comp=Z,3µm,19.0s	Chul'man	56.77	41 eP	P	02 32 45.9	+3.0
CLNS				e	PP	02 32 53.3	
CLNS				e	PP	02 34 51.4	
CLNS				e	PP	02 40 31.2	
CLNS	comp=N,13nm,0.8s				pmax		
CLNS	comp=Z,27nm,0.8s,mb5.3				pmax		
CLNS	comp=E,8.0nm,1.1s				pmax		
CLNS	comp=Z,12nm,0.8s,mb5.0				pmax		

CLNS	comp=N,3.0nm,0.5s				pmax	pmax	
CLNS	comp=E,5.0nm,0.9s				pmax	pmax	
CLNS	comp=N,103nm,13.0s				smax		
CLNS	comp=E,321nm,14.7s				smax		
CLNS	comp=Z,91nm,14.7s				smax		
CLNS	comp=N,700nm,14.0s,MS5.1				MLR	MLR	
CLNS	comp=Z,2µm,14.0s,MS5.3				MLR	MLR	
CLNS	comp=E,700nm,11.0s,MS5.1				MLR	MLR	
GYA	comp=Z,30nm,1.3s,mb5.2	Guiyang	57.11	81 jP	P	02 32 44.9	-0.9
GYA				AP	AP	02 32 49.1	
GYA				PCP	PCP	02 33 42.4	+1.7
GYA				SCP	SCP	02 37 40.7	-0.9
GYA				S	S	02 40 41.9	-0.1
GYA				S	SCS	02 42 33.4	-3.3
GYA				S	AMB		
GYA	comp=Z,30nm,1.3s,mb5.2				AMB	AMB	
GYA	comp=Z,280nm,5.4s				LR	LR	
GYA	comp=N,590nm,18.6s,MS4.8				LR	LR	
GYA	comp=E,500nm,18.6s,MS4.8				LR	LR	
GYA	comp=Z,30nm,1.3s,mb5.2				LR	LR	
GYA	comp=Z,530nm,17.8s,MS4.7	Yakutsk	57.24	34 eP	P	02 32 47.0	+0.9
YAK				e	LR		
YAK	comp=Z,3µm,19.0s,MS5.4	Yakutsk	57.24	34 eP	P	02 32 48.4	+2.2
YAK				e	PP	02 32 50.5	
YAK				e	S	02 40 46.4	+3.8
YAK				e	S	02 42 37.3	
YAK				e	SS	02 44 35.3	+4.4
YAK				e	pmax		
YAK	comp=Z,31nm,1.0s,mb5.3				pmax	pmax	
YAK	comp=N,11nm,1.1s				pmax	pmax	
YAK	comp=E,21nm,1.2s				pmax	pmax	
YAK	comp=Z,67nm,2.2s,mb5.3				pmax	pmax	
YAK	comp=N,72nm,3.4s				pmax	pmax	
YAK	comp=E,103nm,3.4s				smax		
YAK	comp=N,228nm,3.6s				smax		
YAK	comp=E,166nm,4.4s				smax		
YAK	comp=Z,120nm,4.4s				MLR	MLR	
YAK	comp=Z,1µm,21.0s,MS5.0				MLR	MLR	
YAK	comp=N,1µm,15.0s				MLR	MLR	
YAK	comp=E,1µm,20.0s				MLR	MLR	
BJI	comp=Z,41nm,1.3s,mb5.3	Beijing	57.92	62 P	P	02 32 51.7	+0.4
BJI				sP	PCP	02 32 54.8	+3.2
BJI				PP	PP	02 35 04.8	+5.5
BJI				S	S	02 40 54.4	+2.1
BJI				S	AMB		
BJI	comp=Z,41nm,1.3s,mb5.3				AMB	AMB	
BJI	comp=Z,703nm,4.6s				LR	LR	
BJI	comp=N,3µm,18.9s,MS5.5				LR	LR	
BJI	comp=E,2µm,18.2s,MS5.5				LR	LR	
BJI	comp=Z,2µm,18.9s,MS5.2	Beijing	57.92	62 P	P	02 32 51.7	+0.4
BJI				sP	sP	02 32 54.8	+3.2
BJI				PCP	PCP	02 33 40.0	-3.6
BJI				PP	PP	02 35 04.8	+5.5
BJI				S	S	02 40 54.4	+2.1
BJI				S	SS	02 44 52.1	+9.5
BJI				LR	LR		
BJT	comp=Z,2µm,18.9s,MS5.2	Baijiatou	57.92	62 eP	P	02 32 51.4	+0.1
BJT	comp=Z,230nm,1.7s,mb5.9				LR	LR	
BJT	comp=Z,3µm,20.0s,MS5.4	Baijiatou	57.92	62 eP	P	02 32 51.4	0.0
BJT				e	pmax		
BJT	comp=Z,230nm,1.7s				MLR	MLR	
BJT	comp=Z,3µm,20.0s				MLR	MLR	
KKTK	comp=Z,309nm,0.9s,mb6.3	Khon Kaen	59.52	93 P	P	02 33 02.5	-0.3
TIA	comp=Z,2µm,18.9s,MS5.2	Tai'an	60.30	66 eP	P	02 33 07.4	-0.5
TSUM	comp=Z,2µm,18.9s,MS5.2	Tsumeb	60.71	203 PFAKE	LR	02 33 20.0	+9.3
TSUM					LR		
WHN	comp=Z,3µm,19.0s,MS5.4	Wuhan	60.97	73 jP	P	02 33 12.0	-0.5
WHN					LR		
SNY	comp=Z,4µm,16.0s,MS5.6	Shenyang	62.15	57 jP	P	02 33 22.8	+2.5
SNY				PP	PP	02 35 38.5	+1.8
SNY				S	S	02 41 46.5	-0.1
SNY				S	SS	02 45 52.2	+3.4
SNY	comp=Z,303nm,5.7s				AMB	AMB	
SNY	comp=N,4µm,21.2s,MS5.6				LR	LR	
SNY	comp=E,2µm,22.4s,MS5.6				LR	LR	
DL2	comp=Z,667nm,26.9s,MS4.7	Dalian	62.20	61 P	P	02 33 21.0	+0.3
DL2				PP	PP	02 35 38.7	+1.5
DL2				S	S	02 41 47.4	+0.1
DL2	comp=Z,50nm,0.8s,mb5.8				AMB	AMB	
DL2	comp=Z,240nm,4.7s				LR	LR	
DL2	comp=N,740nm,16.3s,MS5.0				LR	LR	
DL2	comp=E,490nm,14.7s,MS5.0				LR	LR	
DL2	comp=Z,970nm,15.3s,MS5.1				LR	LR	
CN2	comp=Z,3µm,						



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ELZG Elazig, MYA Malataya, MALT Malatya, etc.

CSEM 09 02:42:21.8.0.3, 3841N, 3902E, h8km, MD2.7, Error ellipse: s-maj=6.6km, s-min=4.6km, az=134.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ELZG Elazig, MYA Malataya, MALT Malatya, etc.

ISK 09 02:47:20.8, 3848N-3903E, h5km, MD3.1 ISCBJ 09 02:47:21.9, 0.4, 3841N, 003.39, 10E, 004, h6km, Error ellipse: s-maj=4.9km, s-min=3.9km, az=151.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ELZG Elazig, MYA Malataya, MALT Malatya, etc.

ISC 09 02:52:27.5, 0.9, 001S, 126.19E, h0km, mb4.0/7, mb1 4.1/8, mb1mx4.0/18, mb1mp4.0/8, ML3.7/1, Error ellipse: s-maj=69.5km, s-min=17.2km, az=72.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include FITZ Fitzroy Crossi, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

CSEM 09 03:02:11.8.0.1, 3843N, 3906E, h5km, MD3.2, Error ellipse: s-maj=3.2km, s-min=2.2km, az=164.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ELZG Elazig, ELZG Malatya, MALT Malatya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MALT Malatya, MYA Malataya, PTK Pertek, etc.

IDC 09 03:14:39.4.1.4, 5538S, 12933W, h0km, mb3.9/2, mb1 4.3/2, mb1mx4.0/1, mb1mp3.9/2, MS4.7/1, Ms1 4.7/1, ms1mx3.2/24, Error ellipse: s-maj=102.5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RAR Rarotonga, WRA Warramunga Arr, TXAR Lajitas Array, etc.

IDC 09 03:23:20.9, 13.0, 2300S, 17736W, h273km, 121km, mb3.8/3, mb1 3.9/5, mb1mx3.5/6, mb1mp3.9/5, Error ellipse: s-maj=78.3km, s-min=29.6km, az=47.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DZM Mont Dzumac, URZ Urewera, RPZ Rata Peaks, etc.

IDC 09 03:24:59.2, 0.7, 3070S, 17755W, h0km, mb4.6/5, mb1 4.8/6, mb1mx4.6/11, mb1mp4.6/6, ML4.5/1, MS4.4/10, Ms1 4.4/10, ms1mx4.1/23, Error ellipse: s-maj=22.3km, s-min=17.8km, az=159.0

ISCJB 09 03:25:01.6, 1.8, 3142S, 009.1772W, 0.1, h42km, 18km, mb5.0/12, MS4.5/10, Error ellipse: s-maj=19.6km, s-min=11.5km, az=71.0

MOS 09 03:25:11.0, 0.2, 3164S, 17786W, h87km, mb5.1/4, Error ellipse: s-maj=24.9km, s-min=16.4km, az=115.0

BUI 09 03:25:12.4, 3130S, 17770W, h104km, mb5.5, mb4.9, NEIC 09 03:25:12.4, 1.5, 3129S, 17765W, h104km, 11km, mb5.0/6, Error ellipse: s-maj=19.2km, s-min=12.9km, az=131.0

ISC 09 03:25:03.5, 1.6, 314S, 01.1772W, 0.1, h42km, 17km, n174, 0.195/42, mb5.0/12, MS4.5/10, 4C-5D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RAO Raoul Island, URZ Urewera, SNZO South Karori, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA Warramunga Arr, FOR Forest, FITZ Fitzroy Crossi, etc.

IDC 09 03:28:00.0, 0.8, mb5.6, CN2 Chanchung, CN2 Chanchung, Error ellipse: s-maj=102.5km

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

ARCES ARCES Array B 139.66 348 PKP PKPdf 03 44 18.0 -7.7 ARCES ARCES Array B 139.66 348 PKHKK PKPdf 03 44 18.0 -7.7

MOS Moscow 145.50 325 PKHKK PKPdf 03 44 36.1 -1.8 ZEI Tsey 145.50 301 ePKIKP PKPdf 03 44 38.8 +1.9

OBN Obninsk 146.34 325 ePKHKK PKPdf 03 44 40.9 +0.9 OBN Obninsk 146.34 325 ePKHKK PKPdf 03 44 39.6 +1.7

VRSR Storozhevo 146.68 317 ePKIKP PKPdf 03 44 41.3 +2.7 VRSR Storozhevo 146.68 317 ePKIKP PKPdf 03 44 41.3 +2.7

VORD Divnogorie 146.71 317 ePKIKP PKPdf 03 44 40.9 +2.3 VORD Divnogorie 146.71 317 ePKIKP PKPdf 03 44 40.9 +2.3

NOA NORARS Array B 149.79 352 PKPbc PKPdf 03 44 46.9 +1.3 NOA NORARS Array B 149.79 352 PKPbc PKPdf 03 44 46.9 +1.3

MALT Malatya 150.07 293 ePKHKK PKPdf 03 44 51.9 +2.3 MALT Malatya 150.07 293 ePKHKK PKPdf 03 44 51.9 +2.3

HAG Hagfors 150.31 349 PKPbc PKPdf 03 44 52.3 +3.5 HAG Hagfors 150.31 349 PKPbc PKPdf 03 44 52.3 +3.5

ASF Jabal al Asfar 151.05 281 PKPbc PKPdf 03 44 54.4 +2.3 ASF Jabal al Asfar 151.05 281 PKPbc PKPdf 03 44 54.4 +2.3

AKAS Malin Array Be 152.47 322 PKPbc PKPdf 03 44 53.7 -1.0 AKAS Malin Array Be 152.47 322 PKPbc PKPdf 03 44 53.7 -1.0

LIC Lamto 153.95 162 ePKIKP PKPdf 03 44 55.7 +4.6 LIC Lamto 153.95 162 ePKIKP PKPdf 03 44 55.7 +4.6







mb4.0/14, Error ellipse: s-maj=20.6km s-min=11.5km az=135.8  
 NEIC 09 04:51:03.91.3, 20925x17696W, h225km, 12km, mb4.1/7, Error ellipse: s-maj=15.6km s-min=8.1km az=143.0  
 IDC 09 04:51:04.12.7, 20945x17696W, h227km, 25km, mb3.7/8, mb1 3.9/10, mb1mx3.8/16, mbtmp3.7/10, Error ellipse: s-maj=25.1km s-min=13.6km az=149.0  
 ISC 09 04:51:03.21.8, 20951.017700W, h214km, 18km, n76, a0546/23, mb4.0/14, 2C, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
RAO	Raoul Island	83.186	P	Pn			04 53 07	+6.4
AFI	Afiyalu	8.56	36	P			04 53 07	0.0
AFI	Urewera	18.02	195	P			04 54 30.8	-1.0
AFI	Mont Dzumac	15.48	263	P			04 54 22.9	-7.9
URZ	Urewera	18.02	195	P			04 54 58.0	-0.2
URZ	Urewera	1.4m, 0.3s, baz=330, slow=15, SNR=6.3		S			04 58 05.1	-8.4
CTA	Charters Tower	34.21	265	P			04 57 30.9	+0.4
PMG	Port Moresby	36.38	283	P			04 57 47.8	+0.5
STKA	Stevens Creek	38.48	245	eP			04 58 05.0	+0.1
STKA	Stevens Creek	38.48	245	P			04 58 04.8	-0.1
WB2	Warramunga Arr	45.49	262	eP			04 59 01.5	0.0
WRA	Warramunga Arr	45.50	272	eP			04 59 00.3	-1.3
KAKA	Kakadu	48.95	221	eP			04 59 28.6	+0.3
QSPA	South Pole Qui	69.15	180	eP			05 01 45.8	0.0
NVAR	Mina Array Bea	80.67	43	P			05 02 52.8	+0.5
MNTX	Cornudas Mount	86.21	54	eP			05 03 21.0	+0.3
LTX	Lajitas Arr	86.47	57	eP			05 03 22.1	+0.1
TXAR	Lajitas Arr	86.47	57	P			05 03 22.4	+0.3
MCK	McKinley	87.18	12	eP			05 03 24.2	-0.3
COLA	College	88.42	12	eP			05 03 29.8	-0.6
PDAR	Pinedale Array	88.64	43	P			05 03 31.9	0.0
YKA	Yellowknife Arr	96.50	24	P			05 04 07.2	-0.5
YKA	Yellowknife Arr	96.50	24	P			05 04 07.2	-0.5
MKAR	Makanchi Array	112.19	13	PKIKP			05 09 10.4	-2.8
MKAR	Makanchi Array	112.19	13	PKIKP			05 09 10.4	-2.8
KURK	Kurchatov	114.96	317	ePKP			05 09 16.6	-1.7
AKTK	Aktubinsk	128.02	318	PKP			05 09 43.0	-0.4
AKTO	Aktubinsk	128.02	318	PKP			05 09 43.0	-0.4
ARCES	ARCES Array B	129.51	350	PKP			05 09 44.3	-1.4
ARCES	ARCES Array B	129.51	350	PKP			05 09 44.3	-1.4
FINES	FINESS Array B	132.84	323	PKP			05 09 55.5	-3.4
FINES	FINESS Array B	132.84	323	PKP			05 09 55.5	-3.4
NB2	NORSAR Subarray 39.51.54	PKPa		PKP			05 09 53.7	-1.1
AKASG	Malin Array Be	143.85	332	PKP			05 10 08.6	-4.1
AKASG	Malin Array Be	143.85	332	PKIKP			05 10 08.6	-4.1
BRTR	Keskin Array B	147.84	312	PKP			05 10 21.9	-1.1
BRTR	Keskin Array B	147.84	312	PKP			05 10 21.9	-1.1
NRDL	Niederscher Lir	148.02	352	ePKP			05 10 22.7	-0.3
CLZ	Clausthal	148.62	351	ePKP			05 10 24.4	-0.2
CLZ	Clausthal	148.62	351	ePKP			05 10 24.4	-0.2
CLL	Collm	148.69	348	ePKP			05 10 24.3	-0.5
CLL	Collm	148.69	348	ePKP			05 10 24.4	-0.4
DPC	Dobruska-Polom	148.81	343	eP			05 10 25.2	0.0
DPC	Dobruska-Polom	148.81	343	ePKP			05 10 25.2	0.0
BRG	Bergjesshubel	148.90	347	ePKP			05 10 25.0	-0.4
BRG	Bergjesshubel	148.90	347	eP			05 10 25.1	-0.2
FBE	Freiberg	148.98	347	ePKP			05 10 25.2	-0.4
NEUB	Neuenburg	149.01	349	ePKP			05 10 25.2	-0.4
PVCC	Panska Ves	149.09	346	ePKP			05 10 25.8	0.0
PVCC	Panska Ves	149.09	346	ePKP			05 10 25.8	0.0
MOX	Moxa	149.58	349	ePKP			05 10 26.8	-0.2
MOX	Moxa	149.58	349	ePKP			05 10 26.8	+4.6
MOX	Moxa	149.58	349	ePKP			05 10 26.8	-0.2
PRU	Pruhonice	149.60	345	ePKP			05 10 26.4	-0.7
PRU	Pruhonice	149.60	345	ePKP			05 10 26.8	-0.4
WERD	Werda	149.64	348	ePKP			05 10 26.9	-0.3
TANN	Tannenbergestha	149.64	348	ePKP			05 10 27.2	-0.2
GUNZ	Gunzen	149.72	348	ePKP			05 10 27.7	-0.4
TREC	Trest	150.00	344	ePKP			05 10 28.2	-0.4
MANZ	Manzberg	150.12	349	ePKP			05 10 28.2	-0.5
MEM	Membach	150.28	356	PKP			05 10 28.2	-0.5
ROTL	Rotzenmuhle	150.31	348	ePKP			05 10 28.6	-0.2
BCLA	Clavier	150.51	357	PKP			05 10 28.8	-0.9
GRA1	Gräfenberg Arr	150.57	349	ePKP			05 10 30.2	+0.8
GRA1	Gräfenberg Arr	150.57	349	ePKP			05 10 30.2	+0.8
GRF	Gräfenberg Arr	150.57	349	ePKP			05 10 30.2	+0.8
KHC	Kasperske Hory	150.62	346	eP			05 10 29.3	-0.3
KHC	Kasperske Hory	150.62	346	ePKP			05 10 29.3	-0.3
GEC2	GERESS Array S	150.86	345	ePKP			05 10 29.8	-0.3
GEC2	GERESS Array S	150.86	345	ePKP			05 10 29.8	-0.3
GERES	GERESS Array B	150.86	345	PKP			05 10 29.1	-1.0
GERE	GERESS Array B	150.86	345	PKP			05 10 29.1	-1.0
DOL	Dourbes	150.87	358	PKP			05 10 29.9	-0.2
WUF	Wallerdange	151.22	356	ePKP			05 10 30.9	0.0
WLF	Wallerdange	151.22	356	PKP			05 10 31.2	+0.2
WATT	Wattenberg	152.81	347	PKIKP			05 10 34.5	-0.3
WTTA	Wattenberg	152.81	347	PKIKP			05 10 34.5	-0.3
TORD	Torodi Arr	172.16	170	PKP			05 12 10.6	-1.0

CSEM 09 04:59:05.8, 3488N-2624E, h10km, MD3.5/6, After ATH  
 NEIC 09 04:59:05.8, 3488N-2624E, h10km, MD3.5(ATH), After ATH

ATH 09 04:59:05.8, 3488N-2624E, h10km, MD3.5/6, 9D, Crete

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
NPS	Neapolis	0.64	307	iP			04 59 17.8	-1.3
NPS	Neapolis	0.64	307	iP			04 59 26.4	-1.7
NPS	Neapolis	0.64	307	iP			04 59 17.8	-1.3
NPS	Neapolis	0.64	307	iP			04 59 26.4	-1.7
NPS	Neapolis	0.64	307	iP			04 59 26.4	-1.7
KARP	Karpathos	1.01	48	eP			04 59 24.9	-0.4
KARP	Karpathos	1.01	48	eP			04 59 24.9	-0.4
KARP	Karpathos	1.01	48	eP			04 59 24.9	-0.4
VAM	Vamos	1.75	288	eP			04 59 58.4	-1.0
VAM	Vamos	1.75	288	eP			04 59 38.4	-1.0
VAM	Vamos	1.75	288	eP			04 59 38.4	-1.0
VAM	Vamos	1.75	288	eP			04 59 38.4	-1.0
ARG	Arhangelos	2.04	49	eP			04 59 42.4	+2.3
ARG	Arhangelos	2.04	49	eP			04 59 42.4	+2.3
ARG	Arhangelos	2.04	49	eP			04 59 42.4	+2.3
APE	Apeiranthos	2.26	345	eP			04 59 45.4	+2.2
APE	Apeiranthos	2.26	345	eP			04 59 45.4	+2.2
APE	Apeiranthos	2.26	345	eP			04 59 45.4	+2.2
VLI	Vellai	3.25	305	iP			04 59 58.4	+1.6
VLI	Vellai	3.25	305	iP			04 59 58.4	+1.6
VLI	Vellai	3.25	305	iP			04 59 58.4	+1.6

CSEM 09 04:59:05.8, 3488N-2624E, h10km, MD3.5/6, After ATH  
 NEIC 09 04:59:05.8, 3488N-2624E, h10km, MD3.5(ATH), After ATH

ATH 09 04:59:05.8, 3488N-2624E, h10km, MD3.5/6, 9D, Crete

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
NPS	Neapolis	0.64	307	iP			04 59 17.8	-1.3
NPS	Neapolis	0.64	307	iP			04 59 26.4	-1.7
NPS	Neapolis	0.64	307	iP			04 59 17.8	-1.3
NPS	Neapolis	0.64	307	iP			04 59 26.4	-1.7
NPS	Neapolis	0.64	307	iP			04 59 26.4	-1.7
KARP	Karpathos	1.01	48	eP			04 59 24.9	-0.4
KARP	Karpathos	1.01	48	eP			04 59 24.9	-0.4
KARP	Karpathos	1.01	48	eP			04 59 24.9	-0.4
VAM	Vamos	1.75	288	eP			04 59 58.4	-1.0
VAM	Vamos	1.75	288	eP			04 59 38.4	-1.0
VAM	Vamos	1.75	288	eP			04 59 38.4	-1.0
VAM	Vamos	1.75	288	eP			04 59 38.4	-1.0
ARG	Arhangelos	2.04	49	eP			04 59 42.4	+2.3
ARG	Arhangelos	2.04	49	eP			04 59 42.4	+2.3
ARG	Arhangelos	2.04	49	eP			04 59 42.4	+2.3
APE	Apeiranthos	2.26	345	eP			04 59 45.4	+2.2
APE	Apeiranthos	2.26	345	eP			04 59 45.4	+2.2
APE	Apeiranthos	2.26	345	eP			04 59 45.4	+2.2
VLI	Vellai	3.25	305	iP			04 59 58.4	+1.6
VLI	Vellai	3.25	305	iP			04 59 58.4	+1.6
VLI	Vellai	3.25	305	iP			04 59 58.4	+1.6

ISCJB 09 05:01:45.8, 0.6, 3843N-003.3899E, h8km, 7km, Error ellipse: s-maj=7.2km s-min=5.0km az=36.5  
 CSEM 09 05:01:45.3, 0.1, 3840N-3900E, h12km, MD3.1, Error ellipse: s-maj=2.6km s-min=2.0km az=146.0

ISK 09 05:01:45.3, 3840N-3901E, h8km, MD3.1  
 DDA 09 05:01:46.5, 3840N-3909E, h2km, Md2.9  
 ISC 09 05:01:46.3, 0.5, 3845N-005.3899E, h14km, 5km, n34, a082/56, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
ELZG	Elazig	0.05	0	P			05 01 49.1	+0.1
ELZG	Elazig	0.						

Table with columns: 9d 7h, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like UrfA, BINT, PTK, ATAB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like ELZG, PTK, PERTEK, MALAYATA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like JAR, Ashorobuto, JOR, ONBETS, etc.

Table with columns: NEIC 09 05:53:00.2, 3406S, 7006W, h9km, ML3.0, GUC, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters.

Table with columns: NEIC 09 07:14:49.3, 3051S, 7124W, h43km, MG4.1, GUC, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like JAR, Ashorobuto, JOR, ONBETS, etc.

Table with columns: IDC 09 06:05:53.3, 2, 5, 268N, 5340E, h0km, mb3.5/6, mb1 3.7/6, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters.

Table with columns: NIED 09 07:35:00, 4330N, 146.10E, h53km, Mw3.9, Best double couple, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like JAR, Ashorobuto, JOR, ONBETS, etc.

Table with columns: MEX 09 06:06:35.4, 0.5, 1668N, 9993W, h13km, mb4.2, ML3.1, MS2.8, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters.

Table with columns: NEIC Recorded [3 JMA] in eastern Hokkaido, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like JAR, Ashorobuto, JOR, ONBETS, etc.

Table with columns: IDC 09 06:34:33.7, 4.4, 1607S, 17610W, h0km, mb3.8/2, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like JAR, Ashorobuto, JOR, ONBETS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like JAR, Ashorobuto, JOR, ONBETS, etc.

ISC 09 07:59:31.3:0.6,3844N:003:3907E:004,h3km,5km,n44,  
e094/49,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ELZG, MYA, PTK, etc. with their respective coordinates and times.

NEIC 09 08:20:03.6,2927S:6939W,h102km, MG4.3(GUC), After GUC

GUC 09 08:20:03.6:1.3,2927S:6939W,h102km,84km,ML4.3, 2C-4D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like LCO, VACH, TLL, etc. with their respective coordinates and times.

NEIC 09 08:29:52.4,3791Sx17624E,h172km, MG3.9(WEL), After WEL

WEL 09 08:29:51.0:0.5,3790S:17628E,h182km,4km,ML3.9/18, Error ellipse: s-maj=5.6km s-min=5.2km az=0.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like URZ, MWZ, BKZ, etc. with their respective coordinates and times.

Table with columns: KHZ, DSZ, LTZ, MOZ. Lists stations Kahutara, Denniston Nort, Lake Taylor, McQueen's Vall, Otahua Downs with times and ISC values.

CSEM 09 08:43:20.3:0.1,3844N:3906E,h10km, MD3.0, Error ellipse: s-maj=1.9km s-min=1.5km az=160.0  
ISK 09 08:43:20.4,3844N:3906E,h10km,MD3.1  
ISCJB 09 08:43:21.0:0.5,3844N:003:3906E:004,h11km,4km, Error ellipse: s-maj=6.2km s-min=4.0km az=145.0  
DDA 09 08:43:22.7,3837N:3912E,h4km,4km,MD3.0  
ISC 09 08:43:22.1:0.5,3842N:003:3907E:004,h12km,4km,n25,  
e110/35,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ELZG, MYA, PTK, etc. with their respective coordinates and times.

ISCJB 09 08:47:35.1:0.8,003S:010:1233E:03,h33km,mb4.2/8, Error ellipse: s-maj=38.9km s-min=11.4km az=167.0

NEIC 09 08:47:37.4:0.6,002N:12343E,h35km,mb3.6/1, Error ellipse: s-maj=31.0km s-min=9.1km az=75.0

IDD 09 08:47:46.7:8.5,025S:12330E,h137km,84km,mb3.6/6, mb1 3.6/7, mb1mx3.4/18, mbtmpp3.5/7, Error ellipse: s-maj=17.7km s-min=17.7km az=90.0

ISC 09 08:47:37.4:0.8,006S:010:1233E:03,h35km,n13, e110/12,mb4.2/8,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FITZ, WRA, CTAO, etc. with their respective coordinates and times.

ISCJB 09 08:51:48.8:0.6,3840N:003:3909E:003,h1km,5km, Error ellipse: s-maj=5.4km s-min=3.4km az=149.0

CSEM 09 08:51:48.8:0.1,3844N:3906E,h8km, MD3.8, Error ellipse: s-maj=2.1km s-min=1.3km az=175.0

ISK 09 08:51:48.8,3845N:3906E,h6km,MD3.5  
DDA 09 08:51:51.0,3834N:3909E,h2km,3km,MD3.8  
ISC 09 08:51:49.8:0.5,3843N:003:3908E:003,h3km,5km,n47,  
e097/58,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ELZG, PTK, MYA, etc. with their respective coordinates and times.

Table with columns: MSL, MSL, CTKT, CTKT. Lists stations Mosul, Corum with times and ISC values.

ISCJB 09 08:57:55.1:1.6,16.1S:02:1742W:02,h139km,21km, mb4.2/9, Error ellipse: s-maj=38.9km s-min=19.7km az=141.9  
NEIC 09 08:57:57.6:1.4,1626S:17401W,h156km,25km,mb4.5/6, Error ellipse: s-maj=28.1km s-min=24.2km az=99.0  
IDD 09 08:57:57.4:2.2,1625S:17412W,h148km,23km,mb3.8/5, mb1 4.0/7, mb1mx3.7/17, mbtmpp3.8/7, Error ellipse: s-maj=37.5km s-min=18.3km az=143.0  
ISC 09 08:57:56.2:1.6,162S:02:1741W:02,h136km,21km,n16,  
e086/16,mb4.2/9,Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AFI, DZM, URZ, etc. with their respective coordinates and times.

NIED 09 08:58:00.4,170N:14380E,h32km,Mw4.7 Best double couple: M1.36000x1016 NP1:3216.00000; S24.00000, L110.00000. NP2:315.00000; S67.00000; L81.00000

BUI 09 08:58:36.9,4169N:14367E,h28km,mb4.7,Ms4.4, Ms2.4

SZGRF 09 08:58:37.7,4059N:14297E,h33km,mb4.6,Near east coast of eastern Honshu, Japan

ISCJB 09 08:58:38.0:0.5,4170N:003:14377E:003,h34km,4km, mb4.8/9,ms1.9/29, Error ellipse: s-maj=6.2km s-min=3.5km az=149.1

MOS 09 08:57:37.6:1.0,4172N:14365E,h30km,mb4.9/48, MS4.2/14, Error ellipse: s-maj=8.1km s-min=5.5km az=100.2

JMA 09 08:58:38.7:0.2,4171N:14385E,h48km,3km,M4.6 JMA Felt J1

NEIC 09 08:58:39.1:0.2,4173N:14370E,mb4.6/44,MW4.7(NIED), Error ellipse: s-maj=5.5km s-min=3.7km az=161.0

NEIC Recorded [1 JMA] in south-central Hokkaido and in Aomori Prefecture, Honshu

IDD 09 08:58:40.4:2.4,4167N:14372E,h43km,21km,mb4.1/20, mb1 4.2/23, mb1mx4.1/27, mbtmpp4.1/23, ML3.3/7, MS3.9/14, Ms1 4.0/14, ms1mx3.7/27, Error ellipse: s-maj=19.2km s-min=14.4km az=165.0

ISC 09 08:58:39.7:0.7,4176N:003:14375E:003,h32km,4km, h32km,7km,pp-P,n250,e088/262,mb4.6/86,MS4.1/29, 14C-9D,Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ERM, JEM, JAK, etc. with their respective coordinates and times.

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HABR	Khabarovsk	9.10 320	eP	Pn	09 00 55.5	+6.9
HABR			e	S	09 02 40.6	
HJH	Hachijo jima 2	9.18 201	S	Sn	09 02 22.6	-9.3
	comp=Z,13nm,0.3s,baz=245,slow=23,SNR=6.5					
JHJ			LR	LR	09 04 33.8	
MDJ	comp=Z,489nm,20.6s,baz=145,slow=39					
MDJ	Mudanjiang	10.73 290	P	Pn	09 01 12.6	+1.7
MDJ			AP		09 01 14.2	
MDJ			S	Sn	09 03 10.6	+0.8
MDJ			PCP	ScP	09 07 11.1	-0.1
MDJ			SCP	ScP	09 10 42.0	+0.9
MDJ			AMB	AMB		
MDJ	comp=Z,15nm,1.2s					
MDJ	comp=Z,119nm,6.8s		AMB	AMB		
MDJ	comp=N,146nm,10.2s		LR	LR		
MDJ	comp=E,918nm,18.3s		LR	LR		
MDJ	comp=Z,1.1um,17.4s		LR	LR		
MDJ	Mudanjiang	10.73 290	ePn	Pn	09 01 09.8	-1.1
MDJ			PCP	ScP		
KSRs	Korea Array	12.94 256	P	Pn	09 01 41.8	+0.6
	comp=Z,0.2nm,0.3s,baz=70,slow=14,SNR=13.3					
KSRs			S	Sn	09 04 11.9	+8.0
	comp=Z,0.3nm,0.3s,baz=67,slow=24,SNR=3.4					
KSRs	comp=Z,598nm,19.2s,baz=62,slow=36		LR	LR	09 06 30.2	
CN2	Changchun	13.60 285	eP	Pn	09 01 50.1	-0.1
CN2			eXP			
CN2	comp=Z,10.0nm,1.2s		LR	LR		
CN2	comp=N,500nm,16.0s		LR	LR		
CN2	comp=E,1.1um,16.0s		LR	LR		
CN2	comp=Z,2.1um,16.0s		LR	LR		
PET	Petrovavlovsk	15.09 37	ePn	Pn	09 02 10.1	-0.2
PET			PCP	ScP		
PET	Petrovavlovsk	15.09 37	eP	Pn	09 02 10.1	-0.2
	comp=Z,8.0nm,0.8s					
DL2	Dalian	17.10 268	P	Pn	09 02 35.8	-0.3
DL2			eS	Sn	09 05 45.5	+0.3
DL2			AMB	AMB		
DL2	comp=Z,20nm,0.9s		LR	LR		
DL2	comp=N,170nm,13.7s		LR	LR		
DL2	comp=E,170nm,13.3s		LR	LR		
DL2	comp=Z,220nm,14.9s		LR	LR		
MA2	Magadan	18.37 11	eP	Pn	09 02 49.2	-2.3
MA2			PCP	ScP		
MA2	Magadan	18.37 11	eP	Pn	09 02 49.1	-2.4
	comp=Z,6.5nm,0.6s					
HIA	Hailar	18.37 302	eP	Pn	09 02 49.8	-2.0
HIA			PCP	ScP		
HIA	Hailar	18.37 302	eP	Pn	09 02 49.8	-1.9
	comp=Z,32nm,1.9s					
CLNS	Chul'man	19.36 328	eP	Pn	09 02 57.9	-5.7
CLNS			PCP	ScP		
CLNS	comp=N,9.0nm,1.1s					
CLNS	comp=Z,22nm,1.1s					
CLNS	comp=E,9.0nm,0.9s					
BJI	Beijing	20.89 274	P	Pn	09 03 16.6	-2.4
BJI			XP	S	09 03 27.7	-4.0
BJI			S	S	09 07 10.8	+0.8
BJI			XS	SS	09 07 20.3	-3.5
BJI			AMB	AMB		
BJI	comp=Z,12nm,0.9s		LR	LR		
BJI	comp=N,261nm,17.4s,MS4.3		LR	LR		
BJI	comp=E,983nm,15.2s,MS4.3		LR	LR		
BJI	comp=Z,544nm,15.8s,MS4.0		LR	LR		
BJT	Baijiatou	20.89 274	eP	P	09 03 17.1	-2.0
BJT			PCP	ScP		
BJT	Baijiatou	20.89 274	eP	P	09 03 17.1	-2.0
	comp=Z,12nm,0.6s					
SSE	Sheshan	20.98 247	eP	P	09 03 18.1	-2.0
SSE			AP		09 03 26.0	
SSE			XP	S	09 03 30.2	-2.7
SSE			S	S	09 07 09.8	-2.3
SSE			sS	SS	09 07 22.9	-3.0
SSE			ScS	ScS	09 14 42.3	-2.1
SSE			AMB	AMB		
SSE	comp=Z,23nm,0.8s		LR	LR		
SSE	comp=Z,73nm,3.8s		LR	LR		
SSE	comp=N,215nm,19.2s,MS3.6		LR	LR		
SSE	comp=E,58nm,19.3s,MS3.6		LR	LR		
SSE	comp=Z,166nm,19.9s		LR	LR		
SSE	Sheshan	20.98 247	eP	P	09 03 18.1	-2.0
SSE			PCP	ScP		
SSE			S	S	09 03 26.0	
SSE			sS	SS	09 03 30.2	-2.7
SSE			ScS	ScS	09 07 22.9	-3.0
SSE			LR	LR	09 14 42.3	-2.1
SEY	Seymchan	21.82 111	eP	P	09 03 25.9	-2.9
YAK	Yakutsk	21.99 342	eP	P	09 03 27.1	-3.5
YAK			PCP	ScP		
YAK	Yakutsk	21.99 342	eP	P	09 03 26.2	-4.4
YAK			ePP		09 03 33.3	
YAK			eS	S	09 07 24.2	-7.0
YAK			eSS	SS	09 07 34.3	-1.1
YAK			PCP	ScP		
YAK	comp=N,10.0nm,1.0s					
YAK	comp=Z,35nm,1.0s,mb4.7					
YAK	comp=E,4.0nm,0.9s					
YAK	comp=Z,61nm,2.3s,mb4.6					
YAK	comp=N,16nm,1.2s					
YAK	comp=E,8.0nm,0.9s					
YAK	comp=N,44nm,1.3s		smax			
YAK	comp=Z,47nm,2.0s					
YAK	comp=E,72nm,2.2s					
YAK	comp=Z,478nm,16.0s,MS4.0		MLR	MLR		
YAK	comp=N,358nm,17.0s,MS4.1		MLR	MLR		
YAK	comp=E,461nm,16.0s,MS4.1		MLR	MLR		
NJ2	Nanjing	22.07 252	eP	P	09 03 30.5	-1.3
NJ2			AP		09 03 39.7	
NJ2			XP	S	09 03 43.9	-0.7
NJ2			PCP	ScP		
NJ2			S	S	09 07 29.0	-4.4
NJ2			XS	SS	09 07 44.0	-3.3
NJ2			AMB	AMB		
NJ2	comp=Z,60nm,1.1s,mb4.9		AMB	AMB		
NJ2	comp=Z,130nm,6.5s		LR	LR		
NJ2	comp=N,1.1um,17.8s,MS4.4		LR	LR		
NJ2	comp=E,550nm,15.6s,MS4.4		LR	LR		
NJ2	comp=Z,550nm,16.0s,MS4.1		LR	LR		
CIT	Chifa	22.89 307	eP	P	09 03 38.5	-1.8
CIT			PCP	ScP		
CIT	comp=Z,70nm,1.3s,mb4.9					
HHC	Hu-ho-hao-te	24.13 279	eP	P	09 03 52.1	-0.3
HHC			AP		09 04 01.4	
HHC			XP	S	09 04 04.4	-1.2

HHC			PP	S	09 04 26.4	
HHC			S	S	09 08 04.0	-4.0
HHC			XS	SS	09 08 18.6	-4.7
HHC			SS	SS	09 08 56.7	
HHC			AMB	AMB		
HHC	comp=Z,12nm,0.5s,mb4.6					
HHC	comp=Z,111nm,6.1s					
HHC	comp=N,286nm,16.7s,MS4.1		LR	LR		
HHC	comp=E,514nm,18.4s,MS4.1		LR	LR		
HHC	comp=Z,454nm,21.4s,MS3.9		LR	LR		
BOD	Bodaibo	24.75 321	eP	P	09 03 54.3	-3.6
BOD			PCP	ScP		
WHN	Wuhan	26.12 254	IP	P	09 04 10.0	-0.6
WHN			PCP	ScP		
SONM	Songino Array	27.00 296	P	P	09 04 18.4	0.0
SONM			PCP	ScP		
SONM	comp=Z,7.0nm,0.6s					
SUNM	Songino Array	27.00 296	P	P	09 04 18.4	0.0
	comp=Z,6.5nm,0.6s,mb4.3,baz=74,slow=8.2,SNR=50					
GOMO	Guam	28.08 178	eP	P	09 04 27.4	-0.9
GOMO			PCP	ScP		
GUMO	Guam	28.08 178	eP	P	09 04 27.4	-0.9
GUMO			PCP	ScP		
GUMO	comp=Z,236nm,1.3s,mb5.7					
GUMO	comp=Z,236nm,1.3s,mb5.7		LR	LR	09 14 02.6	
XAN	Xi'an	28.40 266	eP	P	09 04 29.7	-1.3
XAN			PCP	ScP		
XAN	comp=Z,4.0nm,1.0s,mb4.0					
XAN	comp=Z,47nm,5.7s		LR	LR		
XAN	comp=E,225nm,16.5s		LR	LR		
XAN	comp=Z,47nm,5.7s		LR	LR		
TLY	Talaya	28.90 304	eP	P	09 04 35.7	+0.5
TLY			PCP	ScP		
TLY	comp=Z,11nm,0.7s,mb4.7					
TLY	Talaya	28.90 304	eP	P	09 04 35.8	+0.5
TLY			e	e	09 04 44.8	+0.2
TLY			e	e	09 05 41.2	
TLY	comp=Z,14nm,0.8s,mb4.7					
TLY	comp=Z,627nm,19.0s,MS4.2		MLR	MLR		
BILL	Bilibino	28.99 17	P	P	09 04 36.0	+0.1
BILL			e	e	09 04 45.3	+0.1
BILL			e	e	09 04 49.2	
BILL	comp=Z,100nm,15.0s,MS4.5		MLR	MLR		
ZAK	Zakamensk	29.05 301	eP	P	09 04 36.5	-0.3
ZAK			PCP	ScP		
ZAK	comp=Z,8.0nm,0.9s,mb4.5					
MOY	Mondy	30.55 304	eP	P	09 04 50.0	+0.1
MOY			PCP	ScP		
MOY	comp=Z,29nm,2.6s,mb4.7					
TIXI	Tiksi	30.87 351	IP	P	09 04 49.5	-3.0
TIXI			PCP	ScP		
TIXI	comp=Z,3.0nm,1.0s,mb4.1					
TIXI	comp=Z,500nm,22.0s,MS4.1		MLR	MLR		
LZH	Lanzhou	31.35 273	eP	P	09 04 57.5	+0.3
LZH			AP	S	09 05 07.2	+0.7
LZH			XP	S	09 05 11.0	+0.5
LZH			PP	PP	09 06 00.7	-7.5
LZH			AMB	AMB		
LZH	comp=Z,23nm,1.3s,mb4.8					
LZH	comp=Z,72nm,4.9s		LR	LR		
LZH	comp=N,576nm,13.2s		LR	LR		
LZH	comp=Z,897nm,17.5s,MS4.5		LR	LR		
LZH	Lanzhou	31.35 273	eP	P	09 04 57.5	+0.3
LZH			PCP	ScP		
LZH	comp=Z,23nm,1.3s,mb4.8					
LZH	comp=Z,900nm,17.5s,MS4.5					
LZH	Lanzhou	31.35 273	eP	P	09 04 57.5	+0.3
LZH			PCP	ScP		
LZH						

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like YKA, KEV, ARCES, WRA, WFM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CLC, CLM, CLN, CLP, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ROSC, JTS, TEIG, MIAR, etc.

9d 13h

Table with columns: PET, comp, Z, 100nm, 0.3s, smax, etc. Lists various stations and their associated data points.

MEX 09 10:06:56.8-0.9,2054N:10534W,h19km,42km,MD4.2, Near coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ANIG Ahuacatlan, SFJM Santa Fe, etc.

CSEM 09 10:25:03.0-0.2,3843N:3909E,h10km,MD2.5, Error ellipse: s-maj=5.5km s-min=2.8km az=132.0

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

CSEM 09 10:26:19.9,3536N-2463E,h15km,MD3.4/5, After ATH NEIC 09 10:26:19.9,3536N-2463E,h15km,MD3.5(ATH), After

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Table with columns: ATH, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like VAM Vamos, NPS Neapolis, etc.

ISK 09 10:32:06.6,3845N:3907E,h15km,MD2.6,1D,Turkey

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

CSEM 09 10:45:17.0-0.1,3844N:3913E,h5km,MD3.4, Error ellipse: s-maj=1.9km s-min=1.2km az=161.0

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

ISC 09 10:45:18.5-0.6,3844N:003:3912E:003,h3km,5km,n59, 0585/66,1C-2D,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ELZG Elazig, PTK Pertek, MYA Malatya, etc.

ISC 09 13:02:27.6-0.6,3827N:003:2732E:005,h5km, Error ellipse: s-maj=6.0km s-min=4.4km az=0.3

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

ISC 09 13:02:27.9-0.6,3827N:004:2726E:006,h10km,n12,0573/20,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IZM Izmir, KDAG Bornova, BLCB Balcova, etc.

ISC 09 13:03:58.0-0.7,3839N:004:3908E:005,h4km, Error ellipse: s-maj=6.0km s-min=5.4km az=23.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ELZG Elazig, MYA Malatya, MALT Malatya, etc.

CSEM 09 13:03:57.4,3846N:3904E,h19km,1km,MD2.8, Error ellipse: s-maj=2.2km s-min=1.1km az=136.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ELZG Elazig, PTK Pertek, MYA Malatya, etc.

CSEM 09 13:38:44.5-1.0,3847N:3904E,h8km,MD2.5, Error ellipse: s-maj=4.7km s-min=2.2km az=135.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ELZG Elazig, PTK Pertek, MYA Malatya, etc.

CSEM 09 11:38:44.8,3848N:3902E,h6km,MD2.5, Error ellipse: s-maj=2.7km s-min=1.7km az=139.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ELZG Elazig, PTK Pertek, MYA Malatya, etc.

CSEM 09 10:26:19.9,3536N-2463E,h15km,MD3.4/5, After ATH NEIC 09 10:26:19.9,3536N-2463E,h15km,MD3.5(ATH), After

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Table with columns: MYA Malatya, MYA Malatya, MALT Malatya, etc. Lists stations and their associated data points.

NEIC 09 12:02:17.8,1822N:6818W,h77km,MD3.6(RSPR), After RSPR

RSPR 09 12:02:17.8,1822N:6818W,h77km,3km,MD3.5/5, MD3.5/5,3C-2D,Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CRPR Cabo Rojo, AOPR Arecibo, etc.

ISC 09 12:05:57.3-0.9,2985N:004:3633E:007,h0km, Error ellipse: s-maj=9.3km s-min=6.1km az=10.1

CSEM 09 12:05:58.1,3008N:3624E,h7km,ML2.5, After SNSN SGS 09 12:05:58.1,3008N:3624E,h7km

GII 09 12:05:59.8:1.1,2993N:3615E,h0km,13km,ML1.8/2 HLW 09 12:06:04.5,2956N:3599E,h11km,MD2.3

ISC 09 12:05:57.6-0.9,2986N:004:3634E:007,h0km,n20, 0591/23,Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AOBJ Aqaba, EIL Elat, ZFRI Zfri, etc.

ISC 09 13:02:27.6-0.6,3827N:003:2732E:005,h5km, Error ellipse: s-maj=6.0km s-min=4.4km az=0.3

CSEM 09 13:02:27.9-0.6,3827N:004:2726E:006,h10km,n12,0573/20,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IZM Izmir, KDAG Bornova, BLCB Balcova, etc.

ISC 09 13:03:58.0-0.7,3839N:004:3908E:005,h4km, Error ellipse: s-maj=6.0km s-min=5.4km az=23.0

CSEM 09 13:03:57.4,3846N:3904E,h19km,1km,MD2.8, Error ellipse: s-maj=2.2km s-min=1.1km az=136.0

ISC 09 13:03:58.6,3851N:3917E:h6km,1km,MD2.7

ISC 09 13:03:58.2-1.0,3849N:009:3902E:008,h17km,7km,n11, 0569/16,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ELZG Elazig, MYA Malatya, MALT Malatya, etc.

CSEM 09 13:20:41.3-0.1,3965N:2945E,h10km,MD2.8, Error ellipse: s-maj=3.2km s-min=2.1km az=73.0

ISC 09 13:20:41.8,3966N:2946E,h9km,MD2.8

ISC 09 13:20:42.0-0.5,3967N:003:2947E:004,h10km, Error ellipse: s-maj=5.1km s-min=3.8km az=38.8

ISC 09 13:20:42.4-0.5,3966N:003:2946E:004,h10km,n34, 0580/42,Turkey

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

CSEM 09 13:20:41.3-0.1,3965N:2945E,h10km,MD2.8, Error ellipse: s-maj=3.2km s-min=2.1km az=73.0

ISC 09 13:20:41.8,3966N:2946E,h9km,MD2.8

ISC 09 13:20:42.0-0.5,3967N:003:2947E:004,h10km, Error ellipse: s-maj=5.1km s-min=3.8km az=38.8

ISC 09 13:20:42.4-0.5,3966N:003:2946E:004,h10km,n34, 0580/42,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ULUD Uludag, IZNI Iznik, ALT Altintas, etc.





9d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, AKTAK Aktyubinsk, AKTO Aktyubinsk, etc.

NEIC 09 13:46:48.3±0.5, 125N:126.09E, h10km, mb4.3/5, Error ellipse: s-maj=23.0km s-min=8.4km az=67.0

ISCJB 09 13:46:51.4±1.9, 118N:008.126DE.01, h47km, 17km, mb4.3/15, MS3.4/1, Error ellipse: s-maj=24.2km s-min=8.9km az=156.7

IDC 09 13:46:58.1±3.8, 111N:125.98E, h96km, 34km, mb3.9/11, mb1.4/0.12, mb1mx2.1/19, mbtmp3.9/12, MS3.4/1, Ms1.3/1, ms1mx2.4/29, Error ellipse: s-maj=27.6km s-min=11.4km az=73.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PAGZ Pagadian, KAKA Kakaadu, FITZ Fitz Crossi, etc.

NEIC 09 13:51:01.4, 3631S:17753E, h303km, MG5.1(WEL), After WEL

ISCJB 09 13:51:02.5±1.0, 3673S:008.1777E±0.1, h320km, 5km, mb3.7/2, Error ellipse: s-maj=18.4km s-min=12.6km az=17.9

IDC 09 13:51:02.2±1.4, 3672S:17769E, h308km, 15km, mb3.7/2, mb1.3/3, mb1mx3.5/12, mbtmp3.9/3, Error ellipse: s-maj=14.6km s-min=29.0km az=147.0

WEL 09 13:51:03.4±0.3, 3621S:17751E, h275km, 2km, ML5.1/23, Error ellipse: s-maj=4.7km s-min=3.1km az=0.0

ISC 09 13:51:04.0±1.0, 3677S:008.1776E±0.1, h314km, 5km, n137, #089/144, mb3.8/2, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, PUK Puketiti, MARZ Manawaha, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRVTZ Karewarewa, HIZ Hauri, HIZ Hauri, etc.

ISC 09 14:05:10.8±0.2, 3843N:39.16E, h10km, MD2.7, Error ellipse: s-maj=4.7km s-min=2.5km az=127.0

ISCJB 09 14:05:11.0±1.1, 3838N:005.3919E±0.07, h6km, Error ellipse: s-maj=9.5km s-min=5.9km az=41.5

ISC 09 14:05:11.1, 3843N:39.15E, h6km, MD2.7

ISC 09 14:05:11.2, 3841N:008.392E±0.1, h14km, 18km, n9, #031/14, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ELZG Elazig, PTK Pertek, PTK Pertek, etc.

ISC 09 14:09:50.8±0.1, 3662N:28.97E, h12km, MD2.8, Error ellipse: s-maj=3.4km s-min=1.6km az=13.0

ISC 09 14:09:50.7, 3655N:28.95E, h9km, MD2.8

ISC 09 14:09:51.6±0.9, 3657N:007.2895E±0.04, h8km, 6km, Error ellipse: s-maj=11.6km s-min=6.0km az=3.1

ISC 09 14:09:51.5±1.0, 3656N:28.96E, h7km, 3km, MD2.8

ISC 09 14:09:51.5±1.0, 3656N:28.96E, h7km, 3km, MD2.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FETY Fethiye, FETY Fethiye, DALT Dalyan (Mudla), etc.

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

ISC 09 14:22:00.4, 4670N:153.30E, h8km, Mw4.3 Best double couple: M3.56000±0.105 NP1±0.2200000, 847.00000, lambda=161.00000, NP2±117.00000, lambda=76.00000, lambda=45.00000

NEIC 09 14:22:00.0±0.6, 4675N:152.96E, h10km, mb3.9/2, Error ellipse: s-maj=17.5km s-min=8.2km az=134.0

JMA 09 14:22:05.2±0.8, 4670N:153.32E, h30km, M4.8

ISCJB 09 14:22:05.2±0.8, 4662N:006.15309E±0.08, h46km, 8km, mb4.1/19, MS3.1/5, Error ellipse: s-maj=12.2km s-min=5.5km az=138.0

SKHL 09 14:22:06.4±2.4, 4654N:153.37E, h67km, 11km, mb5.1/4

IDC 09 14:22:06.4±0.8, 4679N:152.87E, h3km, 3km, mb3.6/14, mb1.3/9.15, mb1mx3.8/23, mbtmp3.6/15, ML3.1/21, MS3.2/5, Ms1.3/2.5, ms1mx2.8/34, Error ellipse: s-maj=24.0km s-min=15.4km az=161.0

MOS 09 14:22:06.4±1.3, 4673N:153.06E, h57km, mb4.1/9, Error ellipse: s-maj=13.2km s-min=8.5km az=65.3

ISC 09 14:22:07.2±0.7, 4661N:006.15313E±0.08, h46km, 6km, h39kil, 4.8km, p-P, n93, #147/114, mb4.1/19, MS3.1/5, 1C, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

ISC 09 14:00:38.9±0.2, 4189N:2737E, h10km, MD2.9, Error ellipse: s-maj=7.20km s-min=2.0km az=20.0

ISCJB 09 14:00:39.0±0.6, 4181N:004.2732E±0.04, h7km, 8km, Error ellipse: s-maj=7.5km s-min=4.4km az=34.2

ISC 09 14:00:39.6, 4176N:2726E, h13km, MD2.9

ISC 09 14:00:40.2, 4184N:2731E, h3km, ML2.9

ISC 09 14:00:40.5±0.6, 4180N:004.2730E±0.05, h11km, 7km, n23, #092/33, 3D, Turkey

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

IDC 09 14:04:58.9±1.1, 934S:15813E, h0km, mb3.8/4, mb1.3/9/4, mb1mx3.7/13, mbtmp3.8/4, MS3.4/1, Ms1.3/4/1, ms1mx2.5/22, Error ellipse: s-maj=33.4km s-min=21.1km az=175.0, Bougainville - Solomon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YSS, PET, JAR, JWB, JJK2, ASAJ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR, WRA, WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROSC, JTS, YKA, WRA, etc.





9d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Vanda, Vanda, Vanda, etc., with their respective coordinates and data.

2007 FEB

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like MCK, MCKinley, MCK, etc., with their respective coordinates and data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like TOR, TOR, TOR, etc., with their respective coordinates and data.



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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JURY, KATASHINA, BO30, etc.

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



Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HWUT Hardware Ranch, EGMT Eagleton, SDCO Great Sand Dun, etc.

IDC 09 22:35:31.4-5.0, 3623N, 7659E, h0km, mb3.4/2, mb1 3.5/3, mb1mx3.2/19, mb1mx4.3, ML3.4/1, Error ellipse: s-maj=90.8km s-min=44.4km az=179.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSH Kashi, K3K1 Karatay Array, MK31 Makanchi Array, etc.

ISK 09 22:00:39.5, 3845N, 3909E, h2km, MD3.4, ISCJB 09 22:00:40.3-0.6, 3840N, 3914E, h2km, 6km, Error ellipse: s-maj=5.5km s-min=3.4km az=153.4

CSEM 09 22:00:40.1-0.1, 3842N, 3909E, h5km, ML3.9, Error ellipse: s-maj=2.6km s-min=1.6km az=169.0

DDA 09 22:00:41.5, 3839N, 3914E, h4km, MD3.4, ML3.9, ISC 09 22:00:41.5-0.5, 3840N, 3914E, h4km, 5km, n40, r15/52, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ELZG Elazig, PTK Pertek, MYA Malatya, etc.

NIC 09 22:12:03.0-0.2, 3034N, 3541E, h25km, mb4.3, ML3.8, SCS 09 22:12:04.0, 3151N, 3544E, h15km

IDC 09 22:12:07.8-1.0, 3116N, 3552E, h0km, mb3.6/4, mb1 3.7/6, mb1mx3.4/22, mb1mx3.6/6, ML3.1/2, MS3.9/2, Ms1 3.9/2, ms1mx2.8/32, Error ellipse: s-maj=17.8km s-min=8.7km az=114.0

NEIC 09 22:12:07.4-0.7, 3107N, 3558E, h2km, 4km, mb4.0/9, MD4.0(GRAL), ML3.5(GI), ML3.8(NIC), Error ellipse: s-maj=7.7km s-min=3.5km az=106.0

NEIC Felt III in parts of Israel, CSEM 09 22:12:08.4-0.1, 3108N, 3551E, h20km, mb3.9/4, Mw3.3, Error ellipse: s-maj=2.5km s-min=1.2km az=99.0

ISCJB 09 22:12:09.0-0.5, 3108N, 3552E, h2km, 4km, mb3.8/10, MS4.0/2, Error ellipse: s-maj=6.0km s-min=2.9km az=13.5

GII 09 22:12:09.0-0.2, 3110N, 3550E, h13km, 1km, ML3.5/5, Mw3.3/6, Gil Felt III, GRAL 09 22:12:10.1-3.4, 3111N, 3550E, h3km, 19km, MD3.8

HLW 09 22:12:10.2, 3115N, 3546E, h17km, Mb5.1, ISC 09 22:12:08.5-0.6, 3107N, 3552E, h0km, h10km, 3km, n128, r092/144, mb3.8/10, MS4.0/2, 3C-10, Dead Sea region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MZDA Masada, DRGI Dragot, ZFRI Zfiri, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ZFRI Zfiri, MASH Mash'abbe Sade, KZIT Kziot, etc.

238nm, 0.3s, baz=6.7, slow=17, SNR=20, EIL Elat, 1.48 200 Pn, 22 12 56.3

59nm, 0.3s, baz=100, slow=3.8, SNR=5.6, OFRI 'Ofer, 1.61 344 Pn, 22 12 36.7-0.4

59nm, 0.4m, 0.5s, baz=140, slow=12, SNR=10, K3K1 Karatay Array, 8.14 323 Pn, 21 37 41.3+1.0

59nm, 0.2m, 0.7s, baz=203, slow=25, MK31 Makanchi Array, 10.66 19 Pn, 21 38 17.2+2.3

59nm, 0.2m, 0.3s, baz=207, slow=13, SNR=15, SONM Songoing Array, 24.07 54 P, 21 40 55.4-1.7

59nm, 0.2m, 0.4s, mb2.9, baz=249, slow=9.0, SNR=4.4, FINES FINESS Array B, 40.12 34 P, 21 43 09.6-7.6

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

79nm, 0.3s, baz=202, slow=30, SNR=5.3, HBST Basata, 1.97 201 Pn, 22 12 42.4+0.4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CLL Collm, MBDF Montbardon, MBDF Montbardon, etc.

SGS 09 22:14:04.0, 3141N, 3524E, h3km, IDC 09 22:14:06.2-0.7, 3114N, 3550E, h0km, mb3.9/13, mb1 4.0/15, mb1mx3.9/25, mb1mx3.9/15, ML4.1/2, MS3.6/8, Ms1 3.6/8, ms1mx3.2/26, Error ellipse: s-maj=14.5km s-min=8.5km az=115.0

MOS 09 22:14:06.9-1.3, 3117N, 3557E, h10km, mb4.4/20, Error ellipse: s-maj=10.7km s-min=4.8km az=109.0

ISCJB 09 22:14:07.8-0.5, 3108N, 3552E, h2km, 4km, mb4.2/34, MS3.5/8, Error ellipse: s-maj=4.7km s-min=3.0km az=9.2

CSEM 09 22:14:07.5-0.1, 3106N, 3552E, h18km, mb4.3/3, Mw3.8, Error ellipse: s-maj=2.2km s-min=1.2km az=90.0

GII 09 22:14:08.9-0.3, 3111N, 3546E, h15km, 4km, mb4.5/2, ML4.4/5, Mw3.8/2, Gil Felt III, NEIC 09 22:14:08.9, 3111N, 3546E, h15km, mb4.5/19, MD4.5(GRAL), ML4.4(GI), ML4.1(NIC), After Gil, NEIC Felt III in parts of Israel, Felt at Elat, Katar Sava, GRAL 09 22:14:09.8-0.3, 3108N, 3546E, h10km, 14km, MD4.5

HLW 09 22:14:09.3, 3119N, 3545E, h23km, Mb5.1, NIC 09 22:14:09.8-0.2, 3084N, 3520E, h25km, mb4.5, ML4.1, Mw3.9

ISC 09 22:14:08.0-0.5, 3107N, 3552E, h0km, h10km, 3km, h18km, 7km, p-P, n230, r103/255, mb4.2/34, MS3.5/8, 7C-9D, Dead Sea region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MZDA Masada, DRGI Dragot, ZFRI Zfiri, etc.

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

247nm, 0.3s, baz=359, slow=8.0, SNR=8.3, EIL Elat, 1.48 200 Pn, 22 14 55.2

Table of astronomical observations for 9d 22h, listing station names (e.g., PHNC, SZAC, CSS), object names (e.g., Souni-Zanaja, Prodhromos), and various parameters like magnitude, position angle, and error.

Table of astronomical observations for 2007 FEB, listing station names (e.g., PGF, PGF, PGF), object names (e.g., Pioggiola, Pioggiola, Pioggiola), and various parameters like magnitude, position angle, and error.

Table of astronomical observations for 2007 FEB, listing station names (e.g., MKAR, MKAR, MKAR), object names (e.g., Makanchi Array, Makanchi Array, Makanchi Array), and various parameters like magnitude, position angle, and error.

CSEM 09 22:35:2, 3583N-2706E, h10km, MD3.5/3, After ATH
NEIC 09 22:35:2, 3583N-2706E, h10km, mb3.9/1, MD3.5(ATH), After ATH
ATH 09 22:35:2, 3583N-2706E, h10km, MD3.5/3, Dodanese Islands

MAN 09 22:19:32, 1073N-12495E, h32km, mb4.0, ML2.7, MS2.4, Leyte

IDC 09 22:28:47.7, 1.6, 120N-9707E, h0km, mb4.2/7, mb1 4.2/8, mb1mx3.9/21, mbtmp4.2/8, ML3.2/1, Error ellipse: s-maj=40.4km s-min=25.1km az=44.0
BUJ 09 22:28:49.7, 1.15N-9737E, h29km, mb4.8, mb4.5, Ms3.9, Msz3.6

ISCJB 09 22:28:50.7, 1.1, 12N:01.9713E:008, h33km, mb4.3/18, MS3.6/2, Error ellipse: s-maj=19.9km s-min=11.6km az=178.2
NEIC 09 22:28:52.0, 0.8, 119N-9709E, h30km, mb4.2/4, Error ellipse: s-maj=15.5km s-min=9.4km az=175.0

ISC 09 22:28:52.9, 1.1, 12N:01.9716E:008, h35km, n26, o574/26, mb4.3/18, MS3.6/2, Northern Sumatera

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

PSI Prapat 2.38 48 Pn Pn 22 29 28.4 -1.0
PSI Prapat 2.38 48 Pn Pn 22 29 28.4 -1.0

KULM Kulim 5.36 40 ePn Pn 22 30 10.3 -0.1
PALK Pallekele 17.48 291 ePn Pn 22 32 52.1 -2.0

QIZ Qiongzong 21.65 34 ePn P 22 33 40.4 -0.1
KMI Kunming 24.39 12 P P 22 34 08.5 +0.5

KMI comp=Z,10.0nm,1.2s,mb4.1 AMB AMB
KMI comp=Z,67nm,6.6s AMB AMB

KMI comp=N,178nm,16.7s,MS3.8 LR LR
KMI comp=E,144nm,12.8s,MS3.8 LR LR

ISCJB 09 22:45:39.8, 1.1, 19N:01.9515E:008, h41km, mb3.6/6, Error ellipse: s-maj=20.6km s-min=11.7km az=9.5







0.7nm,0.6s,baz=114,slow=6.5,SNR=6.3
MAW Mawson 82.87 191 LR LR 01 31 51.7
comp-Z,87nm,18.3s,baz=232,slow=31

ISCJB 10 01:08:50.3,0.3,2816N,003.13909E,003,h506km,2km,
mb4.4/87,Error ellipse: s-maj=5.2km s-min=3.5km
az=170.2
IDC 10 01:08:50.5,0.6,2845N,13923E,h506km,6km,mb3.7/16,
mb1.3/8/23,mb1mx3.8/25,mbtmp3.7/23,Error ellipse:
s-maj=13.2km s-min=10.0km az=59.0
JMA 10 01:08:50.0,0.3,2823N,13966E,h540km,5km,MA.7
NEIC 10 01:08:51.5,0.7,2817N,13912E,h515km,7km,mb4.4/36,
Error ellipse: s-maj=7.9km s-min=5.2km az=142.0
BUJ 10 01:08:52.5,2826N,13903E,h530km,mb4.7,mb4.9
MOS 10 01:08:53.2,0.8,2844N,13905E,h535km,mb4.3/27,Error
ellipse: s-maj=10.9km s-min=6.8km az=93.9
ISC 10 01:08:51.0,0.3,2817N,003.13914E,003,h503km,2km,
n443,-0871/457,mb4.4/87,84C-69D,Bonin Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Chichi jima, Boso 1, Boso 3, Boso 4, Odawara 2, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Lanzhou, Chengdu, Songino Array, Magadan, Kunming, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Ala-Archa, Uchtor, Sparrevohn, Erkin-Say, etc.

G06A	Carlson Farm, baz=77	77.20	45	↑P	P	01 19 53.0 +0.3
B09A	Rice	77.25	42	↓P	P	01 19 52.9 +0.1
GBL	Gable Mountain	77.31	44	↑P	P	01 19 53.3 +0.1
A10A	Northport	77.33	41	↑P	P	01 19 53.3 +0.1
F07A	Phinny Hill Vi	77.34	45	↓P	P	01 19 53.8 +0.4
D08A	Wolman Farm, baz=77, SNR=5.8	77.42	43	P	P	01 19 53.8 -0.1
YBH	Yreka Blue Hor	77.43	49	eP	P	01 19 54.7 +0.7
YBH	Yreka Blue Hor	77.43	49	eP	P	01 19 54.6 +0.6
C09A	Chrisman Ranch	77.46	42	↑P	P	01 19 54.0 0.0
M02C	Callahan	77.48	50	↓P	P	01 19 54.9 +0.6
VIPM	Ingram Point	77.54	46	P	P	01 19 54.7 +0.2
EDM	Edmont	77.56	36	eP	P	01 19 54.3 -0.2
H06A	Hoesa Farm	77.62	46	eP	P	01 19 55.0 0.0
K04A	Chilquin	77.68	48	↑P	P	01 19 56.0 +0.6
J05A	Fort Rock	77.70	47	P	P	01 19 56.2 +0.7
L04A	Klamath Falls	77.78	49	↓P	P	01 19 55.9 +0.1
D09A	Jones Farm, Ri	77.79	43	↓P	P	01 19 55.9 +0.1
G07A	Ruggs Ranch, H	77.79	45	↑P	P	01 19 55.9 0.0
LHEM	Herd Peak	77.80	49	P	P	01 19 56.5 +0.5
B10A	Chitwood Farm, baz=77	77.85	42	↑P	P	01 19 56.4 +0.3
NEW	Newport	77.92	42	eP	P	01 19 56.6 +0.1
KBD	Kabd	77.98	297	eP	Amb	01 19 56.3 -0.9
QRN	Al-Qurain	77.98	296	eP	Amb	01 19 56.7 -0.6
QRN	QRN	77.98	296	eP	Amb	01 19 57.5
M04C	Macdoel	77.99	49	P	P	01 19 57.3 +0.3
MIB	Mitribah	77.99	297	eP	Amb	01 19 56.2 -1.0
MIB	MIB	77.99	297	eP	Amb	01 19 57.2
A11A	Hall Mountain, baz=78	78.03	41	↑P	P	01 19 57.5 +0.4
C10A	Spilker Farm, baz=78	78.03	42	↑P	P	01 19 56.9 -0.2
M03C	McCloud	78.03	50	P	P	01 19 57.8 +0.5
W03C	Whiskeytown Da	78.06	50	↑P	P	01 19 57.5 +0.1
I06A	Prineville	78.06	47	P	P	01 19 57.9 +0.5
O02C	Red Bluff	78.07	51	P	P	01 19 58.2 +0.8
F08A	Pendleton	78.10	44	P	P	01 19 58.1 +0.5
E09A	Wood Farm, Sta	78.15	43	↓P	P	01 19 57.9 +0.1
K05A	Summer Lake	78.18	48	↑P	P	01 19 58.2 +0.2
RDF	Al-Radifiah	78.20	296	eP	Amb	01 19 57.3 -1.1
RDF	RDF	78.20	296	eP	Amb	01 19 58.5
G08A	Pilot Rock	78.23	45	P	P	01 19 58.7 +0.5
B11A	Sandpoint	78.28	41	P	P	01 19 58.8 +0.3
NAY	Al-Naaim	78.30	297	eP	Amb	01 19 57.8 -1.1
NAY	NAY	78.30	297	eP	Amb	01 19 59.0
GASB	Alder Springs	78.35	51	↑P	P	01 19 59.6 +0.5
A12A	Christmas Vall	78.42	47	P	P	01 19 59.8 +0.5
J06A	Yaak River Ran	78.45	41	↑P	P	01 19 59.5 +0.2
I07A	Ize	78.45	46	P	P	01 19 59.8 +0.4
L05A	Lakeview	78.53	48	↑P	P	01 20 00.1 +0.2
K06A	Valley Falls	78.57	48	P	P	01 20 00.5 +0.3
M05C	Lookout	78.64	49	↑P	P	01 20 00.5 0.0
O03C	Acorn Hollow, baz=78	78.67	51	↓P	P	01 20 00.4 -0.3
F09A	S2 Ranch, Elgi	78.68	44	↑P	P	01 20 00.7 +0.1
HATC	Hat Creek Radi	78.68	50	↑P	P	01 20 00.7 -0.1
H08A	Prairie City	78.77	45	P	P	01 20 01.5 +0.3
E10A	Myers Farm, Un	78.79	43	↑P	P	01 20 01.2 0.0
MNRC	McLaughlin Nat	78.89	52	↓P	P	01 20 02.5 +0.5
J07A	Hines	78.91	47	P	P	01 20 02.6 +0.7
MOD	Modoc	78.95	48	eP	P	01 20 02.5 +0.3
MOD	Modoc	78.95	48	↓P	P	01 20 02.4 +0.2
F10A	Beach Ranch, E	78.97	44	↓P	P	01 20 02.3 +0.1
D11A	Klaveano Farm, baz=79, SNR=8.4	78.98	42	P	P	01 20 01.8 -0.4
I08A	Drewsey	79.13	46	P	P	01 20 03.5 +0.4
M06C	Likely Place G	79.16	49	↑P	P	01 20 03.5 +0.2
O04C	Chester	79.16	50	P	P	01 20 03.7 +0.4
SUTB	Sutter Butte	79.19	51	↓P	P	01 20 02.7 -0.8
ORV	Oroville	79.23	51	↑P	P	01 20 03.1 -0.7
ELFS	Eagle Lake Fie	79.27	50	↓P	P	01 20 04.0 +0.1
K07A	Rock Creek Ran	79.27	47	P	P	01 20 04.2 +0.4
Q03C	Winters	79.30	52	↓P	P	01 20 03.6 -0.5
H09A	Durkee	79.33	45	↑P	P	01 20 04.1 0.0
WALA	Waterton Lakes	79.38	40	↑P	P	01 20 04.3 0.0
E11A	Bogner Ranch, baz=79	79.40	43	↑P	P	01 20 03.9 -0.6
B13A	Whitefish	79.41	41	P	P	01 20 04.9 +0.5
O05C	Quincy	79.44	50	↑P	P	01 20 04.8 0.0
J08A	Circle Bar Ran	79.45	46	P	P	01 20 05.3 +0.5
BMO	Blue Mountains	79.47	45	eP	P	01 20 04.8 0.0
BSMT	Bassoo Peak	79.49	41	eP	P	01 20 04.8 -0.1
L07A	Adell	79.53	48	↑P	P	01 20 06.0 +0.7
I09A	Lost Marbles R	79.62	46	↑P	P	01 20 05.9 +0.3
F11A	Grangeville	79.66	43	↓P	P	01 20 05.5 -0.3
C13A	Hot Springs	79.70	41	P	P	01 20 06.1 +0.1
K08A	Mann Creek Ran	79.75	47	P	P	01 20 06.8 +0.4
WVOR	Wild Horse Val	79.79	47	eP	P	01 20 05.7 -0.9
WVOR	Wild Horse Val	79.79	47	eP	P	01 20 05.7 -0.9
N06A	Buffalo Meadow	79.81	49	P	P	01 20 06.8 +0.1
BEKR	Beckworth	79.87	50	P	P	01 20 07.0 -0.1
J09A	Fry Pan Ranch, baz=80, SNR=11	79.92	46	P	P	01 20 07.6 +0.4
M07A	Soldier Meadow	79.94	48	P	P	01 20 08.1 +0.6
D13A	Huson	80.07	42	↓P	P	01 20 07.9 -0.1
O06A	Flanigan	80.09	50	P	P	01 20 08.2 0.0
L08A	Fields	80.10	47	P	P	01 20 08.7 +0.5

LAVA	Lava Cap Winer	80.13	51	P	P	01 20 08.4 -0.1
AKASG	Malin Array Be	80.14	323	P	P	01 20 07.1 -1.2
AKASG	AKASG	80.14	323	P	P	01 20 07.1 -1.2
AKASG	Malin Array Be	80.14	323	P	P	01 20 07.1 -1.2
I10A	Payette	80.16	45	↑P	P	01 20 08.6 +0.1
K09A	Rome	80.25	47	P	P	01 20 09.2 +0.2
H11A	Donnelly	80.34	44	P	P	01 20 09.0 -0.4
N07B	Gerlach	80.37	49	↑P	P	01 20 09.4 -0.2
M08A	Happy Creek Ra	80.43	48	↑P	P	01 20 10.0 0.0
J10A	Berg Farm, Mel	80.50	46	↑P	P	01 20 10.0 -0.3
WCN	Washeo City	80.55	51	↑P	P	01 20 10.6 0.0
PACP	Pacheco Peak	80.57	53	↓P	P	01 20 10.8 0.0
R05C	Kirkwood Meado	80.61	51	↑P	P	01 20 10.8 -0.2
L09A	Wilkinson Ranc	80.62	47	↑P	P	01 20 11.1 +0.1
D14A	Greenough	80.63	41	P	P	01 20 10.6 -0.3
HAST	UC Hastings Re	80.67	54	↑P	P	01 20 11.2 -0.1
CMB	Columbia Cole	80.72	52	eP	P	01 20 10.6 -0.9
CMB	Columbia Cole	80.72	52	eP	P	01 20 10.6 -0.9
CMB	CMB	80.72	52	eP	P	01 20 10.6 -0.9
CMB	CMB	80.72	52	eP	P	01 20 10.6 -0.9
O07A	Toulon	80.73	49	P	P	01 20 11.7 +0.1
K10A	MacKenzie Ranc	80.76	46	↓P	P	01 20 11.7 0.0
I11A	Placerville	80.77	45	↑P	P	01 20 11.1 -0.6
F13A	Darby	80.81	43	P	P	01 20 11.0 -0.9
CHMT	Chamberlain Mo	80.87	41	eP	P	01 20 09.2 -2.9
N08A	GE Springer Mi	80.92	49	P	P	01 20 12.4 -0.1
E14A	Clinton	80.98	42	↓P	P	01 20 12.3 -0.5
P07A	Fallon	81.02	50	↑P	P	01 20 12.9 -0.2
M09A	Marl Ranch, baz=81	81.06	48	↑P	P	01 20 13.1 -0.1
S05C	Merced	81.08	52	↑P	P	01 20 12.8 -0.7
MFID	Camas Ranch	81.10	45	P	P	01 20 14.0 +0.6
R06C	Coleville	81.13	51	↓P	P	01 20 14.0 +0.4
H12A	Diamond D Ranc	81.13	44	P	P	01 20 13.7 +0.2
WAKR	Walker	81.15	51	eP	P	01 20 14.0 +0.2
S06C	San Francisco	81.16	52	↓P	P	01 20 13.4 -0.4
D15A	Lincoln	81.22	41	↑P	P	01 20 13.7 -0.3
G13A	Cobalt	81.23	43	P	P	01 20 12.9 -1.1
N09A	Rock Creek Ran	81.29	48	↓P	P	01 20 14.7 +0.3
L10A	Juniper Basin	81.37	47	P	P	01 20 15.2 +0.3
E15A	Deer Lodge	81.48	42	P	P	01 20 15.2 -0.1
H13A	Challis	81.49	44	P	P	01 20 15.6 +0.2
NB2	NORSAR Subarra	81.60	337	P	P	01 20 14.1 -1.5
NOA	NORSAR Array B	81.60	337	P	P	01 20 14.1 -1.5
NOA	NOA	81.60	337	P	P	01 20 14.1 -1.5
NOA	NOA	81.60	337	P	P	01 20 14.1 -1.5
M10A	ILL Ranch, Tu	81.60	47	P	P	01 20 16.8 +0.8
PKD	Parkfield	81.60	54	↑P	P	01 20 16.2 0.0
G14A	Jackson	81.62	43	↓P	P	01 20 16.1 0.0
J12A	Stokes Ranch, baz=81	81.64	45	↑P	P	01 20 16.0 -0.2
T06C	Millerton Lake	81.68	53	↓P	P	01 20 16.1 -0.4
L11A	Cat Creek Ranc	81.78	46	P	P	01 20 17.1 +0.2
KCC	Kaiser Creek	81.80	52	↑P	P	01 20 17.2 +0.1
O09A	Fish Creek Ran	81.85	49	↓P	P	01 20 17.5 +0.2
F15A	Butte	81.88	42	P	P	01 20 17.5 +0.2
HLID	Halley	81.91	45	eP	P	01 20 17.9 +0.3
HLID	Halley	81.91	45	eP	P	01 20 18.0 +0.5
I13A	Wildhorse Cree	81.91	44	P	P	01 20 18.2 +0.7
LRM	Limekiln Ridge	81.91	42	eP	P	01 20 17.9 +0.4
NVAR	Mina Array Bea	81.96	51	P	P	01 20 18.0 +0.1
NVAR	Mina Array Bea	81.96	51	P	P	01 20 18.0 +0.1
MLAC	Mammoth Lakes	81.99	52	↓P	P	01 20 18.4 +0.4
Q08A	Gabbs	82.00	50	↑P	P	01 20 18.3 +0.2
N10A	Dumphy	82.02	48	↑P	P	01 20 18.5 +0.3
DLMT	Dillon	82.07	43	eP	P	01 20 19.3 +1.0
K12A	Draper Farm, C	82.08	46	P	P	01 20 19.0 +0.6
M11A	Holland Ranch, baz=82, SNR=5.2	82.13	47	P	P	01 20 19.9 +1.1
R08A	Mina	82.14	51	↑P	P	01 20 18.9 +0.1
J13A	Coy Ranch, Pi	82.14	45	P	P	01 20 19.4 +0.6
P09A	Austin	82.19	49	↑P	P	01 20 19.0 -0.1
FFC	Flin Flon	82.24	31	eP	P	01 20 18.1 -0.9
FFC	Flin Flon	82.24	31	eP	P	01 20 18.1 -0.9
FFC	FFC	82.24	31	eP	P	01 20 18.1 -0.9
G15A	Diablo	82.24	43	P	P	01 20 19.0 -0.2
O10A	Cortez Mining,	82.25	48	↑P	P	01 20 19.5 -0.1
L12A	House Creek Ra	82.26	46	P	P	01 20 20.2 +0.8
EGMT	Eagleton	82.27	39	eP	P	01 20 17.4 -1.8
MTUM	Tungsten Hills	82.32	52	eP	P	01 20 19.0 -0.7
HELL	Mitchell Peak,	82.32	53	↓P	P	01 20 19.3 -0.5
BOZ	Bozeman (W)	82.49	42	eP	P	01 20 20.4 -0.1
S08C	White Mtn Res	82.51	51	P	P	01 20 21.1 +0.3
K13A	Stover Farm, H	82.59	45	P	P	01 20 21.7 +0.7
PKM	Peak Mountain	82.62	54	↓P	P	01 20 21.8 +0.5
TIN	Tinemaha	82.69	52	↓P	P	01 20 21.9 +0.2
VES	Vestal, Richgr	82.69	53	↓P	P	01 20 20.4 -1.3
M12A	Wells	82.70	47	P	P	01 20 22.2 +0.6
FCC	Fort Churchill	82.80	25	eP	P	01 20 19.8 -2.0
FCC	Fort Churchill	82.80	25	eP	P	01 20 19.8 -2.0
FCC	FCC	82.80	25	eP	P	01 20 19.8 -2.0
O11A	Cowboy Ranch,	82.88	48	P	P	01 20 23.1 +0.5
R09A	Tonopah	82.89	50	↓P	P	01





IDC 10 05:23:43.7-0.7, 1342N; 146.18E, h0km, mb4.3/14, mb1.4/4.1, mb1mx3.4/3.2, mbtmp4.3/14, MS3.8/9, Ms1.3/8.9, ms1mx3.4/3.0, Error ellipse: s-maj=17.2km s-min=16.8km az=162.0  
 IS/CJB 10 05:23:50.5-1.1, 1342N; 007.14595E; 0.05, h59km, gm, mb4.5/48, MS3.8/17, Error ellipse: s-maj=11.5km s-min=8.2km az=17.2  
 MOS 10 05:23:50.9-0.8, 1361N; 145.91E, h59km, mb4.8/16, Error ellipse: s-maj=13.9km s-min=9.7km az=108.6  
 BUI 10 05:23:50.9, 1340N; 146.00E, h51km, mb4.9, mb4.7, Ms4.4, Ms24.0

NEIC 10 05:23:51.0-1.5, 1339N; 146.00E, h51km, 13km, mb4.6/19, Error ellipse: s-maj=9.7km s-min=8.6km az=93.0  
 NEIC Felt at Santa Rita.  
 ISC 10 05:23:52.5-0.9, 1342N; 007.14599E; 0.05, h63km, gm, h55km, 1.9km; pP-P, n114, c0995/111, mb4.5/48, 1C, Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
GUMO	Guam	1.10	279	Op	P	05 24 09.8	-2.1
GUMO	Guam	1.10	279	eSn	P	05 24 26.9	+1.2
GUMO	Guam	1.10	279	Pn	P	05 24 10.4	-1.6
GUMO	22m,0.3s,baz=101,slo=5.3,SNR=61			Sn	P	05 24 28.3	+2.5
JHJ	Hachijo jima 2	20.41	345	LR	LR	05 34 41.2	
JOW	Kunigami	21.28	312	P	P	05 28 34.8	+0.9
PWG	Port Moresby	22.71	177	LR	LR	05 35 27.1	
MJAR	Matsushiro Arr	24.06	344	LR	LR	05 37 45.6	
HNR	Honiara	26.60	148	LR	LR	05 38 41.1	
KSR5	Korea Arr	28.86	329	P	P	05 29 44.3	-0.8
KSR5	comp=Z,5.0nm,0.6s,mb4.5			Pmax	Pmax		
KSR5	Korea Arr	28.86	329	P	P	05 29 44.2	-0.8
ASAJ	Asahikawa	30.73	355	LR	LR	05 41 20.8	
MDJ	Mudanjiang	34.10	339	P	P	05 30 31.0	0.0
MDJ				AP	pP	05 30 44.0	-2.5
MDJ				XP	pP	05 30 50.0	-3.9
MDJ				PP	PP	05 31 48.9	-0.3
MDJ				PCP	PCP	05 33 06.7	-0.5
MDJ				S	S	05 35 52.5	+0.1
MDJ				XS	SS	05 39 15.6	-3.2
MDJ				AMB	AMB		
MDJ	comp=Z,4.0nm,0.7s,mb4.5			AMB	AMB		
MDJ	comp=Z,111nm,5.7s			LR	LR		
MDJ	comp=N,68nm,22.4s			LR	LR		
MDJ	comp=E,52nm,22.4s			LR	LR		
MDJ	comp=Z,78nm,19.8s			LR	LR		
CN2	Changchun	35.03	334	eP	P	05 30 39.6	+0.5
CN2				eS	S	05 36 06.4	-0.4
CN2				AMB	AMB		
CN2	comp=Z,10.0nm,0.6s,mb4.9			AMB	AMB		
CN2	comp=Z,200nm,3.0s			LR	LR		
CN2	comp=N,200nm,15.0s			LR	LR		
CN2	comp=E,200nm,15.0s			LR	LR		
CN2	comp=Z,200nm,15.0s			LR	LR		
WRB	Warramunga Arr	35.07	199	eP	P	05 30 39.5	-0.2
WRA	Warramunga Arr	35.08	199	iP	P	05 30 41.4	+1.7
WRA				Pmax	Pmax		
WRA	comp=Z,4.0nm,1.0s			P	P	05 30 39.1	-0.6
WRA	comp=Z,4.0nm,1.0s,mb4.3,baz=19,slo=9.3,SNR=9.1			LR	LR		
HABR	Khabarovsk	36.11	348	P	P	05 30 46.8	-1.5
HABR				eS	SS	05 36 22.9	-0.3
HABR				e	S	05 38 50.1	-1.3
HABR				e	S	05 40 58.9	
FITZ	Fitzroy Crossi	37.20	213	eP	P	05 30 58.2	+0.3
FITZ	Fitzroy Crossi	37.20	213	P	P	05 30 57.9	0.0
FITZ	Beijing	37.26	321	P	P	05 30 58.6	+0.4
BJI				AP	pP	05 31 11.8	-2.0
BJI				XP	pP	05 31 17.9	-3.3
BJI				S	S	05 36 41.6	+0.7
BJI				LR	LR		
BJI	comp=N,212nm,12.8s			LR	LR		
BJI	comp=E,140nm,13.4s			LR	LR		
BJI	comp=Z,169nm,21.3s			LR	LR		
BJI	Beijing	37.26	321	P	P	05 30 58.6	+0.4
BJI				pP	pP	05 31 11.8	-2.0
BJI				pP	pP	05 31 17.9	-3.3
BJI				S	S	05 36 41.6	+0.7
BJI				SS	SS	05 39 29.7	+3.4
BJI				LR	LR		
BJI	comp=Z,170nm,21.3s			P	P	05 30 58.6	+0.4
BJI	Beijing	37.26	321	P	P	05 30 58.6	+0.4
BJI				PP	PP	05 31 27.6	-1.3
BJI				*SP	SP	05 31 33.6	-2.6
BJI				S	S	05 32 46.3	+2.7
BJI				MLR	MLR	05 33 23.7	+1.3
GYA	Gulyang	39.01	296	eP	P	05 31 14.9	+1.7
GYA				AP	pP	05 31 33.6	-2.6
GYA				XP	pP	05 32 46.3	+2.7
GYA				PP	PP	05 33 23.7	+1.3
GYA				PCP	PCP	05 37 06.2	+0.7
GYA				SCP	SCP	05 37 07.6	-0.3
GYA				S	S	05 37 32.2	-2.4
GYA				XS	SS	05 39 53.0	-9.1
GYA				SS	SS	05 41 15.8	-1.2
GYA				AMB	AMB		
GYA	comp=Z,10.0nm,1.0s,mb4.5			AMB	AMB		
GYA	comp=Z,90nm,8.4s			LR	LR		
GYA	comp=N,420nm,18.4s			LR	LR		
GYA	comp=E,480nm,19.8s			LR	LR		
GYA	comp=Z,360nm,18.8s			LR	LR		
HHC	Hu-ho-hao-te	40.61	319	eP	P	05 31 28.0	+1.8
HHC				AP	pP	05 31 43.5	+1.5
HHC				XP	pP	05 31 50.0	+0.7
HHC				PP	PP	05 33 06.1	+5.3
HHC				PCS	PCS	05 37 07.6	-0.3
HHC				S	S	05 37 32.5	+1.1
HHC				XS	SS	05 37 59.3	+1.1
HHC				SS	SS	05 40 29.8	-3.7
HHC				AMB	AMB		
HHC	comp=Z,8.0nm,0.6s,mb4.5			AMB	AMB		
HHC	comp=Z,99nm,8.1s			LR	LR		
HHC	comp=N,169nm,20.2s			LR	LR		
HHC	comp=E,203nm,19.0s			LR	LR		
HHC	comp=Z,164nm,14.3s			LR	LR		
KMI	Kunming	42.28	293	P	P	05 31 40.0	-0.1
KMI				AMB	AMB		
KMI	comp=Z,8.0nm,0.6s,mb4.5			LR	LR		
KMI	comp=Z,70nm,23.2s			LR	LR		
KMI	Kunming	42.28	293	P	P	05 31 40.0	-0.1
KMI				LR	LR		
KMI	comp=Z,8.0nm,0.6s,mb4.5			P	P	05 31 40.0	-0.1
CD2	Chengdu	42.51	301	eP	P	05 31 40.7	-1.2
CD2				PP	PP	05 33 22.7	+1.2
CD2				PP	PP	05 37 57.5	-2.3
CD2				SS	SS	05 41 02.0	-9.4

CD2	AMB	AMB	
comp=Z,10.0nm,0.8s,mb4.6	AMB	AMB	
comp=Z,30nm,6.8s	43.97	308	
LZH	eP	P	
LZH	AP	pP	
LZH	XP	pP	
LZH	PP	PP	
LZH	AMB	AMB	
comp=Z,26nm,1.3s,mb4.8	AMB	AMB	
LZH	LR	LR	
comp=Z,55nm,6.7s	LR	LR	
comp=N,305nm,14.5s	LR	LR	
LZH	LR	LR	
comp=Z,512nm,18.2s	43.97	308	
LZH	eP	P	
LZH	pP	pP	
LZH	SP	SP	
LZH	ePP	PP	
LZH	LR	LR	
comp=Z,510nm,18.2s	LR	LR	
LZH	LR	LR	
LZH	*SP	SP	
LZH	pP	pP	
LZH	ePmax	Pmax	
comp=Z,26nm,1.3s,mb4.8	MLR	MLR	
LZH	MLR	MLR	
STKA	Stephens Creek	45.23	185
STKA	comp=Z,1.8nm,0.9s,mb3.9,baz=325,slo=16,SNR=2.8	P	P
STKA	comp=Z,1.10nm,19.0s,baz=26,slo=37	P	P
SOMN	Songino Arr	47.50	324
SOMN	comp=Z,0.8nm,0.5s,mb3.9,baz=144,slo=8.9,SNR=8.9	P	P
SOMN	comp=Z,2.0nm,0.8s,baz=144,slo=14,slo=5,SNR=4.2	P	P
GTA	Gaotai	48.10	311
GTA	AP	pP	
GTA	AP	pP	
GTA	SS	SS	
GTA	AMB	AMB	
GTA	AMB	AMB	
comp=Z,4.0nm,0.8s,mb4.5	AMB	AMB	
GTA	AMB	AMB	
comp=Z,127nm,8.0s	LR	LR	
GTA	LR	LR	
comp=N,124nm,14.8s	LR	LR	
GTA	LR	LR	
comp=E,101nm,14.1s	LR	LR	
GTA	LR	LR	
GEY	Seymchan	49.65	4
BOD	Bodaibo	50.47	338
BOD	comp=Z,5.12nm,1.3s,mb4.0	eP	P
BOD	comp=Z,5.12nm,1.3s,mb4.0	ePmax	Pmax
ZAK	Zakamensk	50.59	326
ZAK	comp=Z,2.0nm,1.1s,mb4.0	ePmax	Pmax
ZAK	comp=Z,3.0nm,1.3s,mb4.1	ePmax	Pmax
LSA	Lsha	53.04	297
TAPN	Taplejung	55.91	294
BILL	Bilibino	56.15	9
BILL	comp=Z,2.7nm,0.6s,mb4.5	eP	P
BILL	Bilibino	56.15	9
BILL	comp=Z,2.7nm,0.6s,mb4.5	ePmax	Pmax
GUN	Gumba	57.55	295
GUN	comp=Z,8.3nm,0.4s,mb5.1	eP	P
PKI	Pulchoki	57.96	294
WMQ	Urumqi	58.04	313
WMQ	comp=Z,9.0nm,0.5s,mb5.1	eP	P
WMQ	comp=N,149nm,26.7s	LR	LR
WMQ	comp=E,88nm,19.0s	LR	LR
WMQ	comp=Z,101nm,19.0s	LR	LR
DMN	Daman	58.23	294
GKN	Gorkha	58.65	295
GKN	comp=Z,5.2nm,0.3s,mb5.1	eP	P
TIXI	Tiksi	59.12	354
TIXI	Tiksi	59.12	354
TIXI	comp=Z,3.0nm,1.1s,mb4.7	ePmax	Pmax
KOLN	Koldanda	59.57	294
KOLN	comp=Z,10nm,0.9s,mb4.9	eP	P
MK31	Makanchi Arr	62.37	316
MKAR	Makanchi Arr	62.37	316
MKAR	comp=Z,4nm,0.4s,mb4.4,baz=87,slo=8.9,SNR=26	eP	P
ZALV	Zalesovo Beam	62.39	324
ZALV	Zalesovo Beam	62.39	324
ZALV	comp=Z,1.6nm,0.5s,mb4.4,baz=89,slo=6.8,SNR=8.4	eP	P
ZAL	Zalesovo	62.40	324
NVS	Novosibirsk	63.52	325
NVS	comp=Z,14nm,1.7s,mb4.7	ePmax	Pmax
NVS	comp=E,15nm,1.6s	ePmax	Pmax
KDAK	Kodiak Island	63.64	32
KDAK	comp=Z,4.3nm,0.9s,mb4.5,baz=297,slo=4.5,SNR=3.1	eP	P
KURK	Kurchatov	65.41	320
KURK	Kurchatov	65.41	320
KURK	comp=Z,8.0nm,0.8s,mb4.8	ePmax	Pmax
SLKM	Skilak Lake	65.61	29
PMR	Palmer	66.42	28
PMR	comp=Z,5.9nm,0.9s,mb4.6	ePmax	Pmax
PMR	Palmer	66.42	





Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like PV01 HEC, BFSC Mount Baldy St, V12A Nelson, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like Q08A Gabbs, P10A Eureka, O11A Cowboy Ranch, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like I07A Izee, E13A Victor, H08A Prairie City, etc.

Table of astronomical observations for 10 days in February 2007, columns include station name, time, magnitude, and other parameters.

Table of astronomical observations for 2007 FEB, columns include station name, time, magnitude, and other parameters.

Table of astronomical observations for 2007 FEB, columns include station name, time, magnitude, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR, KSRS, TXAR, PDAR, AKASG, etc.

ISCJB 10 06:52:31.1±0.8,3655N,010.699E,01,h133km,24km, Error ellipse: s-maj=2.1km s-min=9.2km az=42.7

NEIC 10 06:52:31.1±1.0,3631N,70.18E,h155km,22km,mb3.4/1, Error ellipse: s-maj=24.0km s-min=12.2km az=131.0

NNC 10 06:52:44.5±2.7,3743N,70.33E,h217km,24km,mb2.5, mpv3.6, Error ellipse: s-maj=31.6km s-min=11.0km az=32.0

ISC 10 06:52:31.7±0.8,3662N,006.696E,01,h129km,20km,n23,r18/31,1C-2D,Hindu Kush region

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

ISC 10 07:05:43.6±1.3,2818N,139.61E,h0km,mb3.9/3, mb1 4.1/3,mb1mx3.6/18,mbtmp3.9/3, Error ellipse: s-maj=83.8km s-min=30.1km az=96.0, Bonin Islands region

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

CSEM 10 07:08:31.0, 1216N,44.74E,h14km,ML3.9,After DHMR DHMR 10 07:08:31.0±1.1,1216N,44.74E,h14km,5km,ML3.9,5C-4D, Western Arabian Peninsula

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

ISK 10 07:23:17.5,3812N,42.64E,h4km,MD3.0 ISCJB 10 07:23:18.4±0.7,3808N,003.4275E,004,h4km,6km, Error ellipse: s-maj=5.6km s-min=4.8km az=32.1

CSEM 10 07:23:18.4±0.1,3807N,42.75E,h15km,MD3.0, Error ellipse: s-maj=3.5km s-min=1.9km az=107.0

DDA 10 07:23:19.9,3805N,42.75E,h7km,2km,MD3.1 ISC 10 07:23:19.1±0.3,3808N,003.4276E,005,h9km,7km,n21,-0.889/29, Turkey

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

Table with columns: ERZM, EZM, PTK, PTK. Includes stations like Erzurum, Pertek.

MAN 10 07:57:02,1753N,119.89E,h4km,mb4.2,ML3.0,MS2.7, 1D,Philippine Islands region

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

IDC 10 07:59:50.4±0.4,4844N,150.99E,h0km,mb3.4/3, mb1 3.7/3,mb1mx3.3/20,mbtmp3.4/3, Error ellipse: s-maj=137.5km s-min=37.3km az=8.0, Northwest of Kuril Islands

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

KRSC 10 08:01:54.7±1.2,5033N,157.51E,h5km,5km,ML3.6,Kuril Islands

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

BJI 10 08:10:09.3,035N,96.90E,h30km,mb5.1,mb4.7,Ms4.2, Ms3.9

IDC 10 08:10:13.1±1.0,1077N,97.09E,h0km,mb4.1/10, mb1 4.2/11,mb1mx4.0/21,mbtmp4.1/11,ML3.2/1,MS3.6/2, Ms1 3.6/2,ms1mx2.9/30, Error ellipse: s-maj=30.6km s-min=17.3km az=53.0

MOS 10 08:10:15.5±1.1,102N,97.11E,h33km,mb4.7/9, Error ellipse: s-maj=20.1km s-min=10.5km az=77.2

NEIC 10 08:10:17.5±0.6,106N,97.14E,h30km,mb4.5/8, Error ellipse: s-maj=14.6km s-min=11.1km az=53.0

ISCJB 10 08:10:18.3±0.9,1124N,009.973E,01,h50km,15km, mb4.2/26,MS4.1/2, Error ellipse: s-maj=19.7km s-min=12.5km az=141.9

ISC 10 08:10:21.8±1.8,121N,010.974E,01,h5km,14km,n53,-0.996/51,mb4.4/26,MS4.1/2,2D,Northern Sumatera

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

SHL 10 08:10:24.0±0.4,2440 348 I PN P 08 15 38.0 -0.4

ODAN 10 08:10:27.2±0.6,27.26 340 eP P 08 16 03.4 +2.8

KKN 10 08:10:29.3±0.6,29.37 337 eP P 08 16 15.8 +0.8

KOLN 10 08:10:30.4±0.6,30.43 335 eP P 08 16 20.8 -0.1

FITZ 10 08:10:31.7±0.6,31.77 126 P P 08 16 58.0 -0.2

XAN 10 08:10:32.2±0.6,32.29 17 P P 08 17 03.2 -0.2

GTA 10 08:10:34.0±0.6,34.08 3 eP P 08 17 35.2 +0.3

WRA 10 08:10:35.9±0.6,35.92 12 P P 08 18 07.0 +0.5

UCH 10 08:10:37.2±0.6,37.25 336 eP P 08 18 37.9 +0.8

KSRK 10 08:10:38.5±0.6,38.53 34 P P 08 18 37.9 +0.6

KSRK 10 08:10:39.8±0.6,39.84 34 P P 08 18 37.9 +0.6

AML 10 08:10:41.1±0.6,41.15 335 eP P 08 18 38.6 -0.6

Table with columns: HIA, HIA, HIA. Includes stations like Hailar.

KURK 10 08:10:42.2±0.6,42.23 340 eP P 08 19 22.7 +0.8

STKA 10 08:10:43.5±0.6,43.54 332 P P 08 19 35.3 +0.9

BOD 10 08:10:44.8±0.6,44.85 328 P P 08 19 36.7 +0.1

ZALV 10 08:10:46.1±0.6,46.16 351 P P 08 19 36.7 0.0

KLR 10 08:10:47.4±0.6,47.47 341 eP P 08 19 53.0 -2.4

BRVK 10 08:10:48.7±0.6,48.78 341 eP P 08 19 56.1 -0.7

YSS 10 08:10:50.0±0.6,50.09 343 iP P 08 20 07.0 -1.0

YAK 10 08:10:51.3±0.6,51.31 343 iP P 08 20 27.2 -1.2

BRTR 10 08:10:52.6±0.6,52.62 312 P P 08 21 21.0 -1.8

OBN 10 08:10:53.9±0.6,53.93 328 eP P 08 21 34.7 -8.8

MAW 10 08:10:55.2±0.6,55.23 193 LR LR 08 21 44.0 -1.7

TIXI 10 08:10:56.5±0.6,56.54 10 eP P 08 21 43.7 -2.0

FINES 10 08:10:57.8±0.6,57.85 332 P P 08 22 24.3 -0.7

BILL 10 08:10:59.1±0.6,59.16 21 eP P 08 22 25.9 -4.4

TXAR 10 08:11:00.4±0.6,100.47 326 PKP PKPdf 08 29 48.5 -2.2

TXAR 10 08:11:01.7±0.6,101.78 326 PKP PKPdf 08 29 48.5 -2.2

TXAR 10 08:11:03.0±0.6,103.09 326 PKP PKPdf 08 29 48.5 -2.2

NIED 10 08:31:00,3620N,139.80E,h5km,Mw3.7 Best double couple: M3.590000x1014, NP12.3267 0.00000, 836.00000, -1.180.00000, NP2.176.00000, 890.00000, -1.54.00000

ISCJB 10 08:31:08.7±1.1,3613N,004.13982E,006,h47km,gkm, Error ellipse: s-maj=9.1km s-min=5.8km az=22.0

JMA 10 08:31:08.5±0.1,3613N,139.81E,h50km,1km,M3.6 Broadband fault plane solution: P waves. NP1: 258.00000, 815.00000, 1.176.00000. NP2: 352.00000, 889.00000, 1.75.00000. Principal axes: T P1g44.00000, Azm247.00000; N P1g15.00000, Azm352.00000; P P1g42.00000, Azm96.00000

JMA Feb 11, 10 08:31:09.0±1.0,3613N,004.13982E,006,h45km,12km, n11,-0.682/21,1C-5D,Eastern Honshu

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

JOD2 10 08:31:09.0±1.0,3613N,004.13982E,006,h45km,12km, n11,-0.682/21,1C-5D,Eastern Honshu

JOD2 10 08:31:10.3±0.6,103.31 239 P P 08 31 40.0 +0.1

JYN 10 08:31:11.6±0.6,11.64 356 P P 08 31 47.9 +3.2

JFY 10 08:31:12.9±0.6,12.93 330 eP P 08 31 47.1 +0.2

JHK 10 08:31:14.2±0.6,14.23 330 eP P 08 31 30.3 -0.3

JAT 10 08:31:15.5±0.6,15.52 288 P P 08 31 30.3 -1.3

JAT 10 08:31:16.8±0.6,16.81 288 P P 08 31 30.8 -0.8

MAN 10 08:33:43,1544N,119.88E,h32km,mb3.8,ML2.5,MS2.1, 1C,Luzon

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

IDC 10 09:01:37.2±1.0,118N,125.22E,h0km,mb4.2/6,mb1 4.3/7, mb1mx4.0/18,mbtmp4.2/7,ML3.9/1, Error ellipse: s-maj=51.4km s-min=17.2km az=73.0

NEIC 10 09:01:38.8±0.6,119N,125.21E,h10km,mb4.2/4, Error ellipse: s-maj=31.4km s-min=9.1km az=75.0

ISCJB 10 09:01:40.0±0.8,12N,01x125.1E,03,h33km,mb4.3/7, Error ellipse: s-maj=39.9km s-min=11.7km az=165.2

ISC 10 09:01:42.3±0.8,11N,01x125.1E,03,h35km,n12,-0.665/12, mb4.3/7, Northern Molucca Sea

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

FITZ 10 09:01:43.2±0.8,13.23 179 eP P 09 06 02.9 -0.5

FITZ 10 09:01:44.5±0.8,14.54 179 P P 09 06 02.4 -1.0

WRA 10 09:01:45.8±0.8,15.85 157 P P 09 06 41.2 -0.8

W2 10 09:01:47.1±0.8,17.16 175 eP P 09 06 41.4 +0.6

STKA 10 09:01:48.4±0.8,18.47 156 P P 09 08 44.1 +1.2

STKA 10 09:01:49.7±0.8,19.78 156 P P 09 08 43.8 +0.9

MJAR 10 09:01:51.0±0.8,21.09 157 P P 09 08 50.0 -0.6

SONM 10 09:01:52.3±0.8,22.30 343 P P 09 10 27.9 +0.4

MKAR 10 09:01:53.6±0.8,23.61 327 P P 09 11 37.3 +0.1

URZ 10 09:01:54.9±0.8,24.92 135 P P 09 11 57.9 +0.3

IDC 10 09:05:53.2±1.1,104N,126.45E,h0km,mb4.0/5,mb1 4.2/6, mb1mx4.0/16,mbtmp4.0/6,ML3.5/1, Error ellipse: s-maj=96.2km s-min=18.0km az=70.0

ISCJB 10 09:05:56.0±0.9,11N,02x126.5E,05,h33km,mb4.2/6, Error ellipse: s-maj=68.6km s-min=12.9km az=162.5

ISC 10 09:05:58.3±0.9,11N,02x126.5E,04,h35km,n11,-0.673/11, mb4.2/6, Northern Molucca Sea

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

FITZ 10 09:05:59.6±0.9,12.64 183 eP P 09 10 17.4 -1.5

WRA 10 09:06:00.9±0.9,13.95 160 P P 09 10 51.7 -0.2

W2 10 09:06:02.2±0.9,15.26 178 eP P 09 12 19.3 +0.6

STKA 10 09:06:03.5±0.9,16.57 158 eP P 09 12 54.0 +0.4









Table with columns: BRVK, Borovoye, comp, 38.41, 47, eP, P, 09 20 15.9 -0.2, etc. Includes entries for KBL, KMB, AML, AAK, FRU, UCH, TKM, KUR, MKR, ZAK, etc.

Table with columns: ZAK, comp, 8.0nm, 0.9s, mb4.8, pmax, pmax, 09 23 03.6 +0.9, etc. Includes entries for LBTB, LBTT, LBTT, LBTT, LBTT, etc.

Table with columns: KMI, comp, 2.110nm, 25.9s, MS4.0, MLR, MLR, 09 24 04.1 +0.8, etc. Includes entries for CHG, CHTO, CHTO, CHTO, CHTO, etc.

10d 10h

Table of station data for the 10d 10h period, including station names, codes, and various parameters like time, phase, and intensity.

2007 FEB

Main table of station data for February 2007, listing stations across various regions like Ithomi, VAMOS, and others, with detailed parameters.

312

Table of station data for the 312 period, including station names, codes, and various parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like El Cayaco, Acapulco, Mezcala, etc.

CSEM 10 10:10:21.3:0.7, 3928N:43.12E, h69km, 7km, MD2.9, Error ellipse: s-maj=15.2km s-min=7.8km az=165.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hanur-Agry, Diyadin, Kars, etc.

IDC 10 10:10:52.7:2.4, 2952N-9256E, h0km, mb3.4/2, mb1 3.4/3, mb1mx3.2/20, mbtmp3.3/3, ML2.7/1, Error ellipse: s-maj=79.1km s-min=29.5km az=73.0, Xizang

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

IDC 10 10:16:29.0:10.0, 2471S:66.69W, h114km, 82km, mb3.3/1, mb1 3.3/3, mb1mx3.2/15, mbtmp3.3/3, ML3.8/2, Error ellipse: s-maj=106.9km s-min=44.4km az=159.0

ISCJB 10 10:16:31.9:1.0, 2440S:008.673W, 0.1, h169km, 24km, mb3.3/1, Error ellipse: s-maj=23.1km s-min=9.5km az=26.4

NEIC 10 10:16:36.4, 2438S:67.64W, h200km, MG3.8(GUC), After GUC

GUC 10 10:16:36.4:0.6, 2438S:67.64W, h200km, ML3.8

ISC 10 10:16:32.5:0.9, 2441S:06.670W, 0.1, h154km, 21km, n11, 0.120/15, mb3.3/1, 2C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Los Morros, Cerro Paranall, Antofagasta, Caldera, etc.

ISCJB 10 10:33:30.5:1.2, 1865N:007.6289W:004, h30km, 8km, Error ellipse: s-maj=12.7km s-min=4.5km az=21.9

TRN 10 10:33:30.2, 1854N:62.91W, h26km, MD3.2

RSR 10 10:33:32.1, 1843N:62.79W, h25km, 18km, MD3.9/12, MD3.9/12

NEIC 10 10:33:32.1, 1843N:62.79W, h25km, MD3.9(RSPR), After RSPR

ISC 10 10:33:31.6:1.2, 1862N:007.6288W:004, h26km, 8km, n26, 0.056/44, 15C-12D, Leeward Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like St. Maarten, A, Tortola, Boggy Peak, etc.

11nm,0.6s

NEIC 10 11:06:23.5, 17.11N:101.20W, h16km, MD4.2(MEX), After MEX

MEX 10 11:06:23.6:0.6, 1713N:101.19W, h19km, 15km, MD4.2, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zihuatanejo, El Cayaco, Acapulco, Mezcala, etc.

ISCJB 10 11:57:0.0:0.6, 3840N:004.3914E:004, h6km, Error ellipse: s-maj=5.5km s-min=4.8km az=144.0

CSEM 10 11:57:0.0:0.2, 3845N:39.13E, h15km, MD2.7, Error ellipse: s-maj=3.3km s-min=2.8km az=129.0

ISC 10 11:57:0.0:0.2, 3845N:39.12E, h6km, MD2.7

DDA 10 11:57:3.3846N:39.21E, h6km, 1km, Md2.9

ISC 10 11:57:4.0:0.9, 3841N:006.3915E:007, h3km, 14km, n11, 0.057/18, Turkey

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

IDC 10 11:27:07.4:1.9, 084N:125.95E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/1, mbtmp3.3/3, Error ellipse: s-maj=178.2km s-min=26.7km az=63.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramung Arr, Stephens Creek, Makanchi Array, etc.

ISCJB 10 11:27:06.3:0.4, 5148N:002.1609E:003, h0km, Error ellipse: s-maj=3.3km s-min=2.4km az=20.3

NEIC 10 11:27:08.5:0.6, 5151N:1605E, h5km, ML2.7(SZGRF), Error ellipse: s-maj=7.2km s-min=5.6km az=216.0

IDC 10 11:27:08.4:0.8, 5136N:1631E, h0km, mb1 3.2/4, mb1mx3.0/19, mbtmp3.1/4, ML2.7/4, Error ellipse: s-maj=16.5km s-min=7.0km az=100.0

IPEC 10 11:27:08.3:0.4, 5148N:1616E, h0km, ML2.2/1, Error ellipse: s-maj=11.1km s-min=2.4km az=93.0

CSEM 10 11:27:09.2:0.2, 5146N:1631E, h1km, ML3.5/7, Error ellipse: s-maj=2.8km s-min=1.6km az=13.0

WAR 10 11:27:09.8, 5145N:1608E, ML2.7, Mining Induced

PRU 10 11:27:10.2, 5141N:1604E, h0km, Error ellipse: s-maj=1.9km s-min=1.8km az=171.0, Suspected Mining Induced

ISC 10 11:27:07.0:0.4, 5151N:002.1609E:003, h0km, n87, 0.190/140, 6C-2D, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ksiaz, Dobruska-Polom, Panska Ves, etc.

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

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

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Moravsky Berou, Ostrava-Krasne, etc.

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Novy Kostel, Kasperke Hory, etc.

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

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

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Geres Array B, Geres Array C, etc.

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Geres Array D, Geres Array E, etc.

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Geres Array F, Geres Array G, etc.

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Geres Array H, Geres Array I, etc.

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Geres Array J, Geres Array K, etc.

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Geres Array L, Geres Array M, etc.

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4

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

PRU Pruhonice 1.81 213 ePn Pn 11 27 39.8 -0.4





10d 17h

2007 FEB

IDC 10 16:30:29.3:1.9,316N-12839E,h0km,mb3.2/3,mb1 3.4/3,mb1mx3.3/16,mtbtp3.2/3, Error ellipse: s-maj=174.0km s-min=26.1km az=71.0, North of Halmahera

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, SONMG Songoing Array, MKAR Makanchi Array.

ISCJB 10 17:06:20.8:4.0,395N-01x213E-01,h3km,40km, Error ellipse: s-maj=26.2km s-min=13.8km az=33.2

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JAN Janina, THL Klokotos Trika, THL Klokotos Trika.

IDC 10 17:10:31.2:1.7,224N-12600E,h0km,mb3.8/4,mb1 4.0/4,mb1mx3.6/17,mtbtp3.8/4, Error ellipse: s-maj=116.6km s-min=23.0km az=70.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, MKAR Makanchi Array.

KRSC 10 17:21:39.2:1.0,555N-16190E,h58km,58km,ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ZLN Zelenaya, KBTR Krutoberegovo, KMNR Kamenistaya.

MAN 10 17:31:38,1151N-12445E,h4km,mb3.6,ML2.3,MS1.8, Leyte

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like OCLP Ormoc, PLP Palo, BESP Borongan.

ISCJB 10 17:48:21.2:1.5,531S-009x1287E-01,h318km,16km,mb4.1/22, Error ellipse: s-maj=27.1km s-min=7.8km az=150.3

NEIC 10 17:48:23.5:1.3,534S:12860E,h325km,15km,mb4.0/10, Error ellipse: s-maj=20.3km s-min=7.5km az=53.0

IDC 10 17:48:25.9:6.8,536S:12873E,h353km,81km,mb3.3/5,mb1 3.5/7,mb1mx3.4/15,mtbtp3.4/7, Error ellipse: s-maj=22.8km s-min=21.8km az=79.0

ISC 10 17:48:23.6:1.3,535S-006x1287E-01,h329km,15km,n35,0817/40,mb4.0/22, Banda Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRA Warramunga Arr, WB2 Warramunga Arr.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like GKN Gorkha, KOLD Koldanda, SONMG Songoing Array, MK1 Makanchi Array.

NIED 10 17:51:00,4700N:15560E,h29km,Mw4.3 Best double couple: Ms3.37000x1015 NP1.9x360.00000, delta 000000, 1.33.000000, NP2.9x239.00000, delta 000000, 1.09.000000.

ISCJB 10 17:51:48.4:1.7,4667N-007x15571E-0.06,h24km,13km,mb4.4/52,MS3.7/9, Error ellipse: s-maj=11.7km s-min=6.1km az=159.8

MOS 10 17:51:48.8:1.2,4692N:15575E,h20km,mb4.6/28, Error ellipse: s-maj=9.4km s-min=6.6km az=93.1

SKHL 10 17:51:51.9:1.8,4707N:15560E,h39km,8km,mb5.1/4, NEIC 10 17:51:52.7:3.6,4704N:15579E,h28km,24km,mb4.5/22, Error ellipse: s-maj=14.6km s-min=6.9km az=159.0

BUI 10 17:51:52.3:4.785N:15521E,h10km,mb4.8,mb4.5,Ms4.7,Ms4.3, IDC 10 17:51:53.8:3.5,4662N:15571E,h49km,34km,mb3.8/17,mb1 4.0/19,mb1mx3.4/16,mtbtp3.8/19,ML3.8/2,MS3.7/6,Ms1 3.7/6,ms1mx3.2/31, Error ellipse: s-maj=19.0km s-min=14.7km az=155.0

ISC 10 17:51:50.6:1.5,4677N-006x15571E-0.06,h21km,11km,mb4.1/40,mb4.0/22, Error ellipse: s-maj=11.7km s-min=6.1km az=159.8

8C-4D, East of Kuril Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR 80nm,0.5s, SKR 60nm,0.5s.

NEM2 Nemuro 2

JRA Rausu

JNK Nakash

JAK Akkeshi

JTR Abashiri-Toko

YSS Yuzh-Sakhalins

YSS comp=N,40nm,1.0s

YSS comp=E,120nm,1.0s

YSS comp=Z,90nm,1.0s

YSS comp=E,300nm,14.0s

YSS comp=Z,400nm,14.0s

YSS comp=Z,40nm,1.0s

YSS comp=Z,120nm,1.0s

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JNB Kayabe, JYMG Yakumo 2, JANG Nango.

JOSM Shiriuchi

JTH Tenohata

JOSM Okushiri-Mats

OFU MA2 Magadan

MA2 MA2 Magadan

MA2 MA2

JRG Kurukogu

JRG JRG

JIO Ouri

JIO JIO

HABR Khabarovsk

JFK Kawouchi

KLK Kul'dur

SEY Seymchan

MJAR Matsushiro Arr

MAJO Matsushiro

MAJO Matsushiro

MAJO Matsushiro

MAJO Matsushiro

MAJO Matsushiro

MAJO Matsushiro

MAJO Matsushiro

MAJO Matsushiro

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Table with columns: YKA, Yellowknife Ar, 19.53 347 P, Pn, 19 07 33.8 -0.5, etc.

NEIC 10 19:14:03.9,3201S:7146W,h38km,MD4.0(GUC),After GUC.

GUC 10 19:14:03.9,3201S:7146W,h38km,MD4.0,ML3.4,8C-7D,Near coast of Central Chile

Main table for NEIC and GUC stations, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, etc.

SZGRF 10 19:33:01.8,1748S:17375W,h33km,Tonga Islands

NEIC 10 19:33:05.8,1.4,1760S:17432W,h85km,12km,mb4.4/9, Error ellipse: s-maj=17.8km,s-min=9.4km,az=138.0

IDC 10 19:33:06.4,2.9,1753S:17436W,h86km,28km,mb4.0/7, s-maj=4.2/s, mb1mx3.9/17, mbtmp4.0/8, Error ellipse: s-maj=29.4km,s-min=13.0km,az=125.0

ISC 10 19:33:06.5-1.7,175S:01.1744W,0.1,h89km,17km,n61, c0590/28,mb4.3/15,1C-5D,Tonga Islands

Main table for SZGRF, NEIC, IDC, and ISC stations, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, etc.

Table for 2007 FEB stations, including columns: CLL, Collm, 145.76 352 ePKPbcb, PKPbcb, 19 52 35.7 +0.5, etc.

IDC 10 19:42:12.5-1.8,1725S:17472W,h0km,mb3.9/5, mb1 4.3/6, mb1mx4.1/6,1, mbtmp3.9/6, ML1.9/1, MS3.9/6, Ms1 3.9/6, ms1mx3.3/4, Error ellipse: s-maj=109.2km, s-min=23.3km,az=150.0, Tonga Islands

Main table for IDC stations, including columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc.

IDC 10 19:54:45.6-1.9,2901S:17799W,h47km,20km,mb3.8/2, mb1 4.0/2, mb1mx3.6/11, mbtmp3.8/2, MS3.7/3, Ms1 3.7/3, s-maj=52.7km,az=172.0, Kermadec Islands

Main table for IDC stations, including columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc.

RSRP 10 19:57:25.2,1765N:6889W,h146km,6km,MD3.8/7, MD3.8/7,2C-8D,Melona Passage

Main table for RSRP stations, including columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc.

NAO 10 20:11:19.1,4052N:2218E,h33km,mb3.3

PRU 10 20:11:28.9,4143N:2026E,h0km

ISCJB 10 20:11:30.9,0.3,4173N:001:2046E,0.02,h5km,3km, mb3.3/2, Error ellipse: s-maj=2.5km,s-min=1.6km,az=43.7

IDC 10 20:11:30.5-1.3,4164N:2052E,h0km,mb3.5/5, mb1 3.6/9, mb1mx3.5/24, mbtmp3.5/9, ML3.4/4, MS3.1/1, Ms1 3.1/1, ms1mx2.5/20, Error ellipse: s-maj=16.9km,s-min=13.2km,az=177.0

SKO 10 20:11:30.8,4169N:2051E,h15km,ML2.7,ML3.0

TIR 10 20:11:30.3,4176N:2052E,h7km,98km,ML3.0

NEIC 10 20:11:31.1,4171N:2047E,h1km,MD3.5(AH)

ML3.6(THE) ML3.6(THE) ML3.6(THE) ML3.6(THE) After P.D.G.

CSEM 10 20:11:31.3,0.0,4178N:2044E,h2km,ML3.6, Error ellipse: s-maj=1.2km,s-min=0.8km,az=37.0

PDG 10 20:11:31.1,0.4,4171N:2047E,h1km,1km,MD3.4/8, ML3.4/9, Error ellipse: s-maj=0.7km,s-min=0.8km,az=0.0

MOS 10 20:11:31.7,0.7,4170N:2042E,h18km,mb3.6/4, Error ellipse: s-maj=6.5km,s-min=4.1km,az=116.7

THE 10 20:11:31.5,4168N:2043E,h3km,ML3.6

BEO 10 20:11:32.6,0.8,4169N:2049E,h13km,3km,ML3.4/7

ATH 10 20:11:46.9,4108N:2139E,h35km,2km,MD3.5/5

ISC 10 20:11:31.9,0.3,4171N:001:2049E,0.02,h15km,2km,n254, r1516/399,mb3.3/2,52C-20D,Albania

Table for ISC stations, including columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc.

Table for 318 stations, including columns: TIR, Tirane, 0.59 233 ePg, Pg, 20 11 42.4 -0.7, etc.

SKO Skopje, 0.76 69 ePg, Pg, 20 11 45.9 -0.6

SKO Skopje, 0.76 69 ePg, Pg, 20 11 45.9 -0.6

SKO Skopje, 0.76 69 ePg, Pg, 20 11 45.9 -0.6

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SKO Skopje, 0.76 69 ePg, Pg, 20 11 45.9 -0.6

GRG	Griva	1.62 112 ePb	Pb	20 12 01.1 -1.6
GRG		1.62 192 eSb	Sb	20 12 23.7 0.0
PSZ	Herceg Novi	1.66 297 i/Pn	Pn	20 12 00.5 -1.6
HCY		eSb	Sb	20 12 26.4 +1.3
HCY	Herceg Novi	1.66 297 i/Pn	Pn	20 12 00.5 -1.6
HCY		eSb	Sb	20 12 26.8 +1.7
HCY	Herceg Novi	1.66 297 i/Pn	Pn	20 12 00.5 -1.6
HCY		i/Sg	Sg	20 12 26.8 +1.7
HCY	Herceg Novi	1.66 297 i/Pn	Pn	20 12 00.5 -1.6
HCY		i/Sg	Sg	20 12 26.8 +1.7
HCY	Herceg Novi	1.66 297 i/Pn	Pn	20 12 00.5 -1.6
HCY		eS	S	20 12 03.2 +0.5
KZN	Kozani	1.70 145 ePn	Pn	20 12 03.2 +0.5
KZN		ePn	Pn	20 12 03.2 +0.5
KZN	Kozani	1.70 145 ePn	Pn	20 12 03.2 +0.5
KZN		ePn	Pn	20 12 03.2 +0.5
PLE	Piljevija	1.81 334 i/Pn	Pn	20 12 04.6 +0.3
PLE		eSb	Sb	20 12 30.1 +1.0
PLE	Piljevija	1.81 334 i/Pn	Pn	20 12 04.6 +0.3
PLE		eS	S	20 12 30.1 +1.0
SRN	Sarande	1.86 192 i/Pn	Pn	20 12 22.2 -6.8
SRN		i/Pn	Pn	20 12 22.2 -6.8
BRV	Bratogost	1.87 310 i/Pn	Pn	20 12 05.1 0.0
BRV		eSb	Sb	20 12 32.1 +0.1
BRV	Bratogost	1.87 310 i/Pn	Pn	20 12 05.1 0.0
BRV		eSb	Sb	20 12 32.1 +0.1
BRV	Bratogost	1.87 310 i/Pn	Pn	20 12 05.1 0.0
BRV		eS	S	20 12 32.1 +0.1
KNT	Kendrikon	1.89 106 ePb	Pb	20 12 05.3 -0.1
KNT		eSb	Sb	20 12 31.0 -0.4
KNT	Kendrikon	1.89 106 ePb	Pb	20 12 05.3 -0.1
KNT		eSb	Sb	20 12 31.0 -0.4
UPM	Unac-Piva	1.90 323 i/Pn	Pn	20 12 32.9 0.0
UPM		eSb	Sb	20 12 05.8 +0.4
UPM	Unac-Piva	1.90 323 i/Pn	Pn	20 12 32.9 0.0
UPM		eSb	Sb	20 12 05.8 +0.4
UPM	Unac-Piva	1.90 323 i/Pn	Pn	20 12 32.9 0.0
UPM		eSb	Sb	20 12 05.8 +0.4
JAN	Janina	2.06 172 ePb	Pb	20 12 12.6 +1.1
JAN		ePb	Pb	20 12 12.6 +1.1
JAN	Janina	2.06 172 ePb	Pb	20 12 12.6 +1.1
JAN		ePb	Pb	20 12 12.6 +1.1
JAN	Janina	2.06 172 ePb	Pb	20 12 12.6 +1.1
JAN		ePb	Pb	20 12 12.6 +1.1
THL	Thessaloniki	2.16 119 ePn	Pn	20 12 08.4 -0.6
THL		ePn	Pn	20 12 08.4 -0.6
THL	Thessaloniki	2.16 119 ePn	Pn	20 12 08.4 -0.6
THL		ePn	Pn	20 12 08.4 -0.6
THL	Thessaloniki	2.16 119 ePn	Pn	20 12 08.4 -0.6
THL		ePn	Pn	20 12 08.4 -0.6
GRU	Gruza	2.19 4 ePn	Pn	20 12 43.5 +1.2
GRU		eSg	Sg	20 12 35.9 -0.4
GRU	Gruza	2.19 4 ePn	Pn	20 12 43.5 +1.2
GRU		eSg	Sg	20 12 35.9 -0.4
GRU	Gruza	2.19 4 ePn	Pn	20 12 43.5 +1.2
GRU		eSg	Sg	20 12 35.9 -0.4
LIT	Litokhoron	2.21 136 ePn	Pn	20 12 09.9 +0.2
LIT		eSb	Sb	20 12 39.2 +1.5
LIT	Litokhoron	2.21 136 ePn	Pn	20 12 09.9 +0.2
LIT		eSb	Sb	20 12 39.2 +1.5
LIT	Litokhoron	2.21 136 ePn	Pn	20 12 09.9 +0.2
LIT		eSb	Sb	20 12 39.2 +1.5
VIT	Vitosh	2.21 65 ePn	Pn	20 12 10.1 +0.4
VIT		ePn	Pn	20 12 10.1 +0.4
VIT	Vitosh	2.21 65 ePn	Pn	20 12 10.1 +0.4
VIT		ePn	Pn	20 12 10.1 +0.4
VIT	Vitosh	2.21 65 ePn	Pn	20 12 10.1 +0.4
VIT		ePn	Pn	20 12 10.1 +0.4
HORT	Hortiat	2.26 118 ePn	Pn	20 12 39.6 +0.6
HORT		eSb	Sb	20 12 10.1 -0.4
HORT	Hortiat	2.26 118 ePn	Pn	20 12 39.6 +0.6
HORT		eSb	Sb	20 12 10.1 -0.4
HORT	Hortiat	2.26 118 ePn	Pn	20 12 39.6 +0.6
HORT		eSb	Sb	20 12 10.1 -0.4
HORT	Hortiat	2.26 118 ePn	Pn	20 12 39.6 +0.6
HORT		eSb	Sb	20 12 10.1 -0.4
BBL	Bajina Basta	2.30 340 ePb	Pb	20 12 14.6 +2.5
BBL		eSg	Sg	20 12 11.3 -0.1
BBL	Bajina Basta	2.30 340 ePb	Pb	20 12 14.6 +2.5
BBL		eSg	Sg	20 12 11.3 -0.1
BBL	Bajina Basta	2.30 340 ePb	Pb	20 12 14.6 +2.5
BBL		eSg	Sg	20 12 11.3 -0.1
SOH	Sokhos	2.34 111 ePn	Pn	20 12 11.3 -0.1
SOH		eSb	Sb	20 12 42.7 +1.9
SOH	Sokhos	2.34 111 ePn	Pn	20 12 11.3 -0.1
SOH		eSb	Sb	20 12 42.7 +1.9
SOH	Sokhos	2.34 111 ePn	Pn	20 12 11.3 -0.1
SOH		eSb	Sb	20 12 42.7 +1.9
SOH	Sokhos	2.34 111 ePn	Pn	20 12 11.3 -0.1
SOH		eSb	Sb	20 12 42.7 +1.9
BOL	Boljevac	2.39 27 ePn	Pn	20 12 14.6 +2.5
BOL		ePn	Pn	20 12 40.6 -1.4
BOL	Boljevac	2.39 27 ePn	Pn	20 12 14.6 +2.5
BOL		ePn	Pn	20 12 40.6 -1.4
BOL	Boljevac	2.39 27 ePn	Pn	20 12 14.6 +2.5
BOL		ePn	Pn	20 12 40.6 -1.4
SRS	Serrai	2.41 103 ePn	Pn	20 12 12.2 -0.2
SRS		ePn	Pn	20 12 12.2 -0.2
SRS	Serrai	2.41 103 ePn	Pn	20 12 12.2 -0.2
SRS		ePn	Pn	20 12 12.2 -0.2
SRS	Serrai	2.41 103 ePn	Pn	20 12 12.2 -0.2
SRS		ePn	Pn	20 12 12.2 -0.2
DIV	Divcibare	2.42 352 ePn	Pn	20 12 42.1 -0.7
DIV		eSb	Sb	20 12 50.2 +0.6
DIV	Divcibare	2.42 352 ePn	Pn	20 12 42.1 -0.7
DIV		eSb	Sb	20 12 50.2 +0.6
DIV	Divcibare	2.42 352 ePn	Pn	20 12 42.1 -0.7
DIV		eSb	Sb	20 12 50.2 +0.6
DIV	Divcibare	2.42 352 ePn	Pn	20 12 42.1 -0.7
DIV		eSb	Sb	20 12 50.2 +0.6
THL	Klokots Trika	2.43 151 ePb	Pb	20 12 14.6 -1.5
THL		ePb	Pb	20 12 11.9 -1.5
THL	Klokots Trika	2.43 151 ePb	Pb	20 12 14.6 -1.5
THL		ePb	Pb	20 12 11.9 -1.5
THL	Klokots Trika	2.43 151 ePb	Pb	20 12 14.6 -1.5
THL		ePb	Pb	20 12 11.9 -1.5
PEI	Pezate di Greco	2.48 250 ePn	Pn	20 12 18.7 +0.1
PEI		ePn	Pn	20 12 18.7 +0.1
PEI	Pezate di Greco	2.48 250 ePn	Pn	20 12 18.7 +0.1
PEI		ePn	Pn	20 12 18.7 +0.1
PEI	Pezate di Greco	2.48 250 ePn	Pn	20 12 18.7 +0.1
PEI		ePn	Pn	20 12 18.7 +0.1
NVR	Nevrokopi	2.56 97 ePn	Pn	20 12 15.7 +0.6
NVR		ePn	Pn	20 12 15.7 +0.6
NVR	Nevrokopi	2.56 97 ePn	Pn	20 12 15.7 +0.6
NVR		ePn	Pn	20 12 15.7 +0.6
NVR	Nevrokopi	2.56 97 ePn	Pn	20 12 15.7 +0.6
NVR		ePn	Pn	20 12 15.7 +0.6
PLG	Polygyros	2.60 120 ePn	Pn	20 12 15.5 +0.4
PLG		ePn	Pn	20 12 15.8 +0.1
PLG	Polygyros	2.60 120 ePn	Pn	20 12 15.5 +0.4
PLG		ePn	Pn	20 12 15.8 +0.1
PLG	Polygyros	2.60 120 ePn	Pn	20 12 15.5 +0.4
PLG		ePn	Pn	20 12 15.8 +0.1
SVIS	Svilajnac	2.65 12 ePn	Pn	20 12 47.7 -0.7
SVIS		eSg	Sg	20 12 57.7 +0.8
SVIS	Svilajnac	2.65 12 ePn	Pn	20 12 47.7 -0.7
SVIS		eSg	Sg	20 12 57.7 +0.8
SVIS	Svilajnac	2.65 12 ePn	Pn	20 12 47.7 -0.7
SVIS		eSg	Sg	20 12 57.7 +0.8
SGO	Sgoljore (BA)	3.00 254 ePn	Pn	20 12 20.4 -0.2
SGO		ePn	Pn	20 12 20.4 -0.2
SGO	Sgoljore (BA)	3.00 254 ePn	Pn	20 12 20.4 -0.2
SGO		ePn	Pn	20 12 20.4 -0.2
SGO	Sgoljore (BA)	3.00 254 ePn	Pn	20 12 20.4 -0.2
SGO		ePn	Pn	20 12 20.4 -0.2
PAIG	Paliouri	3.00 125 ePn	Pn	20 12 20.4 -0.2
PAIG		ePn	Pn	20 12 20.4 -0.2
PAIG	Paliouri	3.00 125 ePn	Pn	20 12 20.4 -0.2
PAIG		ePn	Pn	20 12 20.4 -0.2
PAIG	Paliouri	3.00 125 ePn	Pn	20 12 20.4 -0.2
PAIG		ePn	Pn	20 12 20.4 -0.2
BEO	Belgrade	3.12 360 ePn	Pn	20 12 22.0 -0.1
BEO		ePn	Pn	20 12 22.0 -0.2
BEO	Belgrade	3.12 360 ePn	Pn	20 12 22.0 -0.1
BEO		ePn	Pn	20 12 22.0 -0.2
BEO	Belgrade	3.12 360 ePn	Pn	20 12 22.0 -0.1
BEO		ePn	Pn	20 12 22.0 -0.2
XOR	Xorichti	3.17 81 ePn	Pn	20 12 23.9 +0.9
XOR		ePn	Pn	20 12 23.9 +0.9
XOR	Xorichti	3.17 81 ePn	Pn	20 12 23.9 +0.9
XOR		ePn	Pn	20 12 23.9 +0.9
XOR	Xorichti	3.17 81 ePn	Pn	20 12 23.9 +0.9
XOR		ePn	Pn	20 12 23.9 +0.9
PLD	Plodiv	3.17 81 ePn	Pn	20 12 23.9 +0.9
PLD		ePn	Pn	20 12 24.4 -0.1
PLD	Plodiv	3.17 81 ePn	Pn	20 12 23.9 +0.9
PLD		ePn	Pn	20 12 24.4 -0.1
PLD	Plodiv	3.17 81 ePn	Pn	20 12 23.9 +0.9
PLD		ePn	Pn	20 12 24.4 -0.1
DJES	Djerdap	3.29 26 ePn	Pn	20 13 01.9 -2.3
DJES		eSb	Sb	20 12 24.9 -1.1
DJES	Djerdap	3.29 26 ePn	Pn	20 13 01.9 -2.3
DJES		eSb	Sb	20 12 24.9 -1.1
DJES	Djerdap	3.29 26 ePn	Pn	20 13 01.9 -2.3
DJES		eSb	Sb	20 12 24.9 -1.1
FGMS	Monte Sant'Ang	3.39 272 i/Pnu	Pnu	20 12 26.6 -0.6
FGMS		ePn	Pn	20 12 26.6 -0.6
FGMS	Monte Sant'Ang	3.39 272 i/Pnu	Pnu	20 12 26.6 -0.6
FGMS		ePn	Pn	20 12 26.6 -0.6
FGMS	Monte Sant'Ang	3.39 272 i/Pnu	Pnu	20 12 26.6 -0.6
FGMS		ePn	Pn	20 12 26.6 -0.6
FRUS	Fruska Gora	3.49 352 ePn	Pn	20 12 28.3 -1.5
FRUS		ePn	Pn	20 12 34.0 -0.3
FRUS	Fruska Gora	3.49 352 ePn	Pn	20 12 28.3 -1.5
FRUS		ePn	Pn	20 12 34.0 -0.3
FRUS	Fruska Gora	3.49 352 ePn	Pn	20 12 28.3 -1.5
FRUS		ePn	Pn	20 12 34.0 -0.3
RGNG	Rignano Grr	3.67 271 i/Pnu	Pnu	20 12 33.2 -1.1
RGNG		ePn	Pn	20 12 35.1 +0.2
RGNG	Rignano Grr	3.67 271 i/Pnu	Pnu	20 12 33.2 -1.1
RGNG		ePn	Pn	20 12 35.1 +0.2
RGNG	Rignano Grr	3.67 271 i/Pnu	Pnu	20 12 33.2 -1.1
RGNG		ePn	Pn	20 12 35.1 +0.2
BZS	Buzias	4.00 11 ePn	Pn	20 12 35.1 +0.2
BZS		ePn	Pn	20 12 35.1 +0.2
BZS	Buzias	4.00 11 ePn	Pn	20 12 35.1 +0.2
BZS		ePn	Pn	20 12 35.1 +0.2
BZS	Buzias	4.00 11 ePn	Pn	20 12 35.1 +0.2
BZS		ePn	Pn	20 12 35.1 +0.2
GZR	Gura Zlata	4.05 24 i/Pn	Pn	20 12 35.7 +0.4
GZR		ePn	Pn	20 12 40.6 -0.6
GZR	Gura Zlata	4.05 24 i/Pn	Pn	20 12 35.7 +0.4
GZR		ePn	Pn	20 12 40.6 -0.6
GZR	Gura Zlata	4.05 24 i/Pn	Pn	20 12 35.7 +0.4
GZR		ePn	Pn	20 12 40.6 -0.6
SGO	Scignano	4.07 255 ePn	Pn	20 12 40.6 -0.6
SGO		ePn	Pn	20 12 42.5 0.0
SGO	Scignano	4.07 255 ePn	Pn	20 12 40.6 -0.6
SGO		ePn	Pn	20 12 42.5 0.0
SGO	Scignano	4.07 255 ePn	Pn	20 12 40.6 -0.6
SGO		ePn	Pn	20 12 42.5 0.0
TKNS	Tenkens	4.48 340 ePn	Pn	20 12 42.9 -1.0
TKNS		ePn	Pn	20 12 43.0 -0.9
TKNS	Tenkens	4.48 340 ePn	Pn	20 12 42.9 -1.0
TKNS		ePn	Pn	20 12 43.0 -0.9
TKNS	Tenkens	4.48 340 ePn	Pn	20 12 42.9 -1.0
TKNS		ePn	Pn	20 12 43.0 -0.9
SGG	Gregorio Mates	4.59 268 ePn	Pn	20 12 42.8 -1.1
SGG		ePn	Pn	20 12 45.5 -1.5
SGG	Gregorio Mates	4.59 268 ePn	Pn	20 12 42.8 -1.1
SGG		ePn	Pn	20 12 45.5 -1.5
SGG	Gregorio Mates	4.59 268 ePn	Pn	20 12 42.8 -1.1
SGG		ePn	Pn	20 12 45.5 -1.5
PKSM	Moragy	4.70 344 i/Pn	Pn	20 12 45.5 -1.5
PKSM		ePn	Pn	20 12 45.5 -1.5
PKSM	Moragy	4.		

Table with columns: TOAD, TORQ, INK, YKA, WRA. Rows include station names like Torodi Ar, Sit, Inuvik, Yellowknife Ar, Warramunga Arr and their associated coordinates and parameters.

ISK 10 21:41:45.8, 3735N:3688E, h5km, MD3.5
ISCJB 10 21:41:46.0, 3735N:003:3689E:003, h5km, Error
CSEM 10 21:41:47.0, 0.1, 3734N:3689E, h2km, MD3.3, Error
DDA 10 21:41:47.0, 0.3728N:3689E, h2km, 1km, MD3.3
ISC 10 21:41:46.5, 0.5, 3733N:004:3689E:003, h5km, 5km, n43,
o596/52, Turkey

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like Gaziantep, Hatay, Karatay, etc.

IDC 10 21:46:08.0, 1.2, 3294S:17891W, h0km, mb4.0/1,
mb1.4/2, mb1mx0.0/12, mbtmp4.2/2, ML4.1/1, MS3.3/1,
Ms1.3/3/1, ms1mx2.5/20, Error ellipse: s-maj=49.1km
s-min=36.5km az=120.0

ISC 10 21:46:14.5, 2.1, 334S:01:1787W:03, h68km, 27km, n21,
o584/16, South of Kermadec Islands

Station list table for the South of Kermadec Islands region, including stations like MXZ, PUZ, MWZ, URZ, etc.

IDC 10 21:48:37.2, 6.0, 4755N:15259E, h0km, mb3.8/4,
mb1.3/8/6, mb1mx3.5/24, mbtmp3.7/6, ML3.3/2, Error
ellipse: s-maj=144.0km s-min=34.4km az=130.0, Kuril
Islands

Station list table for the Kuril Islands region, including stations like ASAJ, MJAR, MKAR, etc.

ISCJB 10 22:00:44.0, 0.7, 490S:009:10588W:0.10, h10km,
mb4.5/31, MS4.6/22, Error ellipse: s-maj=15.0km
s-min=12.2km az=145.1

IDC 10 22:00:45.5, 1.2, 473S:106.10W, h0km, mb4.1/9, mb1.4/3/9,
mb1mx4.3/13, mbtmp4.1/9, MS4.6/18, Ms1.4/6/18,
ms1mx4.4/22, Error ellipse: s-maj=36.4km s-min=24.3km
az=60.0

GCMT 10 22:00:46.0, 0.2, 455S:10584W, h16km, 1km, MW5.2/83,
Moment Tensor Solution, s53.671; s83.140; Duration:
0 Moment tensor: Scale 10^19Nm; Mr=0.075:16;
Mw=2.57:14; Mw=2.50:18; Mw=2.25:45; Mw=6.44:14;

Mw=0.90±.45; Best double couple: Mw7.33100x10^16
NP1:phi=11.00000°, delta=1.00000°, lambda=17.00000°. NP2:
phi=280.00000°, delta=87.00000°, lambda=19.00000°. Principal axes:
T 7.2170, P1g11.00000°, Azm327.00000°, N 0.2280,
Plg171.00000°, Azm91.00000°; P -7.4450, Plg16.00000°.
Azm234.00000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
NEIC 10 22:00:46.0, 6.0, 5, 484S:106.01W, h10km, mb4.7/23 Error
ellipse: s-maj=16.4km s-min=8.6km az=68.0
BU 10 22:00:46.5, 4.80S:106.00W, h10km, m5.4, Ms5.3, Msz4.9
ISC 10 22:00:46.3, 0.7, 493S:009:10591W:0.10, h10km, n291,
o581/256, mb4.5/31, MS4.6/22, 74C-87D, Central East
Pacific Rise

Main station list table for the 2007 FEB section, including stations like Matias Romero, Juntas Abangare, etc.

Main station list table for the 320 section, including stations like PKD, PV01, ARUT, etc.









Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Erkin-Say, Ala-Archa, Karatay Array, etc.

CASC 11 01:18:21.1, 1.3, 4, 1169N-8798W, h0km, 7km, MD4.0, ML3.3, IDC 11 01:18:24.4, 2.0, 1210N-8725W, h0km, mb3.6, mb1 3.8/7, mb1mx3.7/18, mb1mp3.6/7, ML2.9/2, Error ellipse: s-maj=54.2km s-min=21.4km az=42.0

ISCJB 11 01:18:27.8, 1.1, 1176N-007.8754W, h0.1, h62km, 12km, mb3.6/6, Error ellipse: s-maj=19.1km s-min=8.3km az=148.2

NEIC 11 01:18:27.1, 4, 1179N-8756W, h235km, Error ellipse: s-maj=31.0km s-min=14.6km az=219.0

ISC 11 01:18:29.7, 1.0, 1183N-007.8754W, h0.0, h58km, 11km, n36, f101/35, mb3.6/6, 5C-3D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like COPN Copaltepe, TEL3 Telca 3, TELN Telica, etc.

CASC 11 01:21:31.3, 11.0, 788N-8242W, h10km, MD3.7, 1D, South of Panama

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DVD David, CNI Changuinola, BAR1 Barro Colorado, etc.

ISCJB 11 01:57:51.9, 0.8, 172N-01.466W, h10km, mb4.3/16, MS3.8/9, Error ellipse: s-maj=20.3km s-min=15.7km az=176.6

IDC 11 01:57:52.4, 1.0, 1712N-4656W, h0km, mb3.8, mb1 4.2/9, mb1mx3.9/21, mb1mp3.9/9, ML5.8/1, MS3.8/9, M1 3.8/9, M1mx3.4/24, Error ellipse: s-maj=29.9km s-min=21.7km az=5

NEIC 11 01:57:53.3, 0.7, 1703N-4655W, h10km, mb4.6/9, Error ellipse: s-maj=17.8km s-min=13.9km az=176.0

ISC 11 01:57:53.8, 0.8, 171N-01.466W, h10km, n24, f0989/21, mb4.3/16, MS3.8/9, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SJG San Juan, OTAV Otavalo, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TORD Torodi Ar. Bea, ULM Uluksu, TXAR Lajitas Array, etc.

ISCJB 11 02:02:09.8, 1.8, 3541N-100.4, 3093E, h0.05, h8km, 14km, Error ellipse: s-maj=8.9km s-min=5.0km az=42.3

CSEM 11 02:02:10.8, 0.3, 3548N-31.04E, h10km, MW3.3, Error ellipse: s-maj=9.5km s-min=4.6km az=36.0

DDA 11 02:02:10.3, 0.2, 3574N-30.93E, h46km, ML3.5, MW3.3, NDC 11 02:02:12.8, 35.56N-31.10E, h8km, 2km, MD3.6, HLW 11 02:02:40.4, 3356N-31.77E, h33km, Mb2.9

ISC 11 02:02:41.1, 1.1, 3544N-004.3098E, h0.04, h8km, gkm, n18, f106/29, 1C-4D, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AKMC Akamas, PPHY Paphos, ALFC Alevga, etc.

ISCJB 11 02:04:51.1, 1.6, 3493N-005.2721E, h11km, 13km, Error ellipse: s-maj=8.9km s-min=6.9km az=138.5

HLW 11 02:04:51.3, 35.77N-27.02E, h33km, Mb3.2

CSEM 11 02:04:54.8, 0.2, 3486N-27.31E, h40km, MD3.4, Error ellipse: s-maj=8.6km s-min=4.6km az=40.0

NEIC 11 02:04:57.4, 35.59N-26.96E, h26km, MD3.4(ATH), After ATH

ATH 11 02:04:57.4, 35.59N-26.96E, h26km, 4km, MD3.4/4

ISC 11 02:04:53.0, 1.6, 3502N-005.2718E, h0.06, h14km, 13km, n27, f080/30, 5D, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KARP Karpathos, KARP Karpathos, NPS Neapolis, etc.

CASC 11 02:27:42.1, 2, 842N-8298W, h1km, gkm, MD3.9, 2C-1D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BAR1 Barro Colorado, CNI Changuinola, QCR Quepos, etc.

ISCJB 11 02:30:33.7, 0.5, 3806N-003.3877E, h4km, Error ellipse: s-maj=4.6km s-min=3.5km az=30.0

CSEM 11 02:30:33.0, 0.2, 3805N-38.78E, h4km, 1km, MD3.2, Error ellipse: s-maj=3.5km s-min=2.5km az=91.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MALT Malatya, MALT Malatya, MYA Malatya, etc.

CASC 11 02:45:59.3, 1.4, 821N-8293W, h14km, gkm, MD3.9, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DVD David, BAR1 Barro Colorado, SAR1 Serrano, etc.

IDC 11 02:49:04.3, 0.8, 680S-130.36E, h0km, mb4.2/9, mb1 4.4/12, mb1mx4.3/19, mb1mp4.4/12, ML4.9/4, Error ellipse: s-maj=27.1km s-min=15.8km az=76.0

ISCJB 11 02:49:07.5, 0.4, 693S-005.13042E-008, h33km, mb4.4/17, Error ellipse: s-maj=12.7km s-min=5.8km az=157.3

NEIC 11 02:49:09.0, 5.6, 691S-130.39E, h35km, mb4.2/10, Error ellipse: s-maj=14.0km s-min=9.4km az=66.0

ISC 11 02:49:10.0, 0.4, 693S-005.13042E-008, h35km, n41, f099/46, mb4.4/18, 2D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

CTA Charters Tower, 20.18 132 eP, CTA Charters Tower, 20.18 132 P, CTA Charters Tower, 20.18 132 P

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, LSA Lascruces, ODAN Odare, etc.

NEIC 11 03:02:54.6, 1701N-9498W, h125km, MD4.2(MEX), After MEX 11 03:02:54.7, 1.0, 1699N-9500W, h125km, gkm, MD4.2, 1C-1D, Oaxaca

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















Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Berane, Orsara di Pugli, Monte Sant'ang, Niksic, Isparta, Bratogost, Unac-Piva, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Patocco-Chiusa, Piszkesteto, Arzberg, Kolonicke sedl, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like GERES, GRESS Array B, Ostrova-Krasne, Moravsky Berou, etc.





Table with columns: WRA, MKAR, FINES, Warramunga Arr, Makanchi Array, FINESS Array, etc.

IDC 11 06:40:49.8, 1.9, 2479N; 12226E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/20, mbtmp3.6/4, Error ellipse: s-maj=150.4km s-min=21.4km az=65.0

NEIC 11 06:40:51.3, 1.0, 2474N; 12225E, h10km, mb3.8/1, Error ellipse: s-maj=17.4km s-min=11.6km az=224.0

ISCJB 11 06:40:56.3, 1.8, 2460N; 121.82E, 0.4, h57km, 1.5km, mb3.7/5, Error ellipse: s-maj=63.3km s-min=17.8km az=162.5

ISC 11 06:40:55.1, 3.0, 2471N; 01x1220E; 02, h30km, 21km, n8, 0e94/8, mb3.7/5, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, TATO Taipei, YHNB Yeheng, NACB Ninganchiao, SONM Sogincio Array, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, BOZ Bozeman (W)

IDC 11 06:50:16.9, 19.0, 3326N; 137.60E, h351km, 55km, mb2.9/2, mb1 2.9/3, mb1mx2.5/23, mbtmp2.7/3, Error ellipse: s-maj=362.4km s-min=82.9km az=167.0

JMA 11 06:50:18.2, 0.4, 3336N; 137.32E, h373km, 4km, M3.1

ISCJB 11 06:50:19.6, 1.3, 3380N; 137.41E, 0.1, h366km, 6km, mb3.1/2, Error ellipse: s-maj=32.4km s-min=10.7km az=157.3

ISC 11 06:50:20.1, 1.3, 3371N; 02, h361km, 6km, n17, 0e61/21, mb3.1/2, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, TK02 Tokai 2, KJN2 Kikihoku, HMMJ Hamamatsu 2, JWZ Kozaga, JWW Koyua, JNY Yasuku, JWT Wachi, JRY Ryogangi san, JHU Hanno, JHU Boso 3, BS03 BS03, MJAR Matsushiro Arr, JMN Monobe, JAG Ashikawa, JHO Hitachi, JFK Kawauchi, MKAR Makanchi Array, FINES FINESS Array

NEIC 11 07:42:08.1, 1696N; 99.43W, h29km, MD3.9(MEX), After MEX.

MEX 11 07:42:08.3, 0.8, 1696N; 99.44W, h27km, 20km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ACX Acapulco, CAIG El Cayaco, CAIG Mezcala, PLIG Platanillo, UTM0 Huajuapán, UTM0 Vista Hermosa, IIO Organos, IIO Huatulco

CSEM 11 07:42:19.1, 3505N; 2129E, h10km, ML3.4, After NEIC

NEIC 11 07:42:19.2, 0.3, 3505N; 2129E, h10km, ML3.4(A)TH, Error ellipse: s-maj=24.8km s-min=11.4km az=204.0

IDC 11 07:42:19.7, 12.0, 3491N; 21.14E, h37km, 6.7km, mb3.7/4, mb1 3.6/6, mb1mx3.3/22, mbtmp3.6/6, ML2.7/1, Error ellipse: s-maj=129.0km s-min=37.6km az=34.0

ISCJB 11 07:42:20.4, 2.7, 3511N; 02.31E, 0.1, h51km, 14km, mb3.9/4, Error ellipse: s-maj=34.7km s-min=10.9km az=24.9

ISC 11 07:42:22.0, 2.6, 3511N; 02.213E; 01, h46km, 14km, n17, 0e45/20, mb3.9/4, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, VLI Veliai, ITM Ithomi, IDI Anoyia, IDI Anoyia, IDI Anoyia, RLS Riolos of Patr, VLS Valsamata, LKR Lokris, NEO Neokhori, TIP Timpagrande, PLG Polygyros, NVR Nevrokopi, AKASG Malin Array Be, FINES FINESS Array, ARCES ARCES Array B, MKAR Makanchi Array, ZALV Zalesovo Beam

IDC 11 07:45:02.5, 3.3, 6294S; 15579E, h0km, mb3.8/2, mb1 4.1/3, mb1mx4.0/8, mbtmp3.9/3, ML3.8/1, MSA.1/7, Ms1 4.0/7, ms1mx3.8/13, Error ellipse: s-maj=209.1km s-min=40.1km az=73.0, Balleny Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Vnda Vanda, Vnda Vanda, RPZ Rata Peaks, URZ Urewera, STKA Stephens Creek, MAW Mawson

Table with columns: ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr

Table with columns: WRA Warramunga Arr, BOSA Boshof, YKA Yellowknife Arr

NEIC 11 08:16:30.1, 0.6, 4708N; 152.74E, h10km, mb4.2/3, Error ellipse: s-maj=15.5km s-min=14.1km az=155.0

SKHL 11 08:16:36.3, 46.01N; 153.06E, h9.8km, 9km, mb4.4/1, ms6.0/1

ISCJB 11 08:16:37.6, 1.2, 47.12N; 008.15287E; 0.09, h83km, 10km, mb3.9/17, Error ellipse: s-maj=16.0km s-min=7.5km az=147.8

MOS 11 08:16:38.1, 1.1, 47.12N; 152.89E, h91km, mb3.8/7, Error ellipse: s-maj=17.9km s-min=10.4km az=84.3

IDC 11 08:16:41.2, 3.9, 47.19N; 152.77E, h98km, 36km, mb3.4/14, mb1 3.6/15, mb1mx3.5/23, mbtmp3.4/15, MSA.2/8/1, Ms1 2.8/1, ms1mx2.2/18, Error ellipse: s-maj=20.9km s-min=17.2km az=152.0

ISC 11 08:16:40.2, 1.0, 47.19N; 008.15284E; 0.09, h88km, 9km, n41, 0e100/45, mb3.6/17, D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, YUK Yuzh-Kuril's, YUK Yuzh-Kuril's, YUK Yuzh-Kuril's, YUK Yuzh-Kuril's, YUK Yuzh-Kuril's

SKR comp=Z, 60nm, 0.5s smax

SKR comp=N, 150nm, 0.5s smax

YUK comp=E, 110km, 0.5s smax

YUK comp=N, 530nm, 0.8s smax

YUK comp=E, 240nm, 0.6s smax

YUK comp=E, 530nm, 0.8s smax

YUK comp=E, 240nm, 0.8s smax

YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins

YSS comp=Z, 20nm, 0.9s smax

YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins

YSS comp=Z, 20nm, 0.9s smax

PET Petropavlovsk, ASAJ Asahikawa, ASAJ Asahikawa

ASAJ comp=Z, 1.0nm, 0.3s smax

ASAJ comp=Z, 0.8nm, 0.3s, baz=74, slow=20, SNR=6.0

MA2 Magadan, MA2 Magadan

MA2 comp=N, 10.0nm, 0.7s smax

MA2 comp=Z, 10.0nm, 0.7s smax

MJAR Matsushiro Arr, MJAR Matsushiro Arr

MJAR comp=Z, 1.0nm, 0.3s smax

YAK Yakutsk, YAK Yakutsk

YAK comp=Z, 5.0nm, 1.0s smax

KSR Korea Array, KSR Korea Array

KSR comp=Z, 1.8nm, 0.9s, baz=55, slow=11, SNR=4.2

TIXI Tiksi, TIXI Tiksi

TIXI comp=Z, 23nm, 18.2s, baz=85, slow=35

COLA College, COLA College

COLA comp=Z, 1.0nm, 1.3s, mb3.2 smax

COLA comp=Z, 2.8nm, 0.8s, mb4.2 smax

ZALV Zalesovo Beam, ZALV Zalesovo Beam

ZALV comp=Z, 3.0nm, 0.8s, mb4.3 smax

ZALV Zalesovo Beam, ZALV Zalesovo Beam

ZALV comp=Z, 0.3nm, 0.4s, mb3.4, baz=79, slow=7.7, SNR=2.4

ZALV comp=Z, 1.5nm, 0.7s, baz=80, slow=3.3, SNR=7.4

ZAL Zalesovo, ZAL Zalesovo

MKAR Makanchi Array, MKAR Makanchi Array

MKAR comp=Z, 0.1nm, 0.2s, mb3.1, baz=69, slow=7.9, SNR=2.2

YKA Yellowknife Arr, YKA Yellowknife Arr

YKA comp=Z, 0.4nm, 0.4s, baz=67, slow=3.5, SNR=6.1

AML Almayashu, AML Almayashu

AML comp=Z, 1.4nm, 0.5s, mb4.2, SNR=1.1

NVAR Mina Array Bea, NVAR Mina Array Bea

NVAR comp=Z, 0.1nm, 0.3s, mb3.3, baz=90, slow=7.7, SNR=4.2

FINES FINESS Array B, FINES FINESS Array B

FINES comp=Z, 2.0nm, 1.0s smax

FINES FINESS Array B, FINES FINESS Array B

FINES comp=Z, 1.7nm, 0.9s, mb3.8, baz=28, slow=6.3, SNR=8.9

PDAR Pinedale Array, PDAR Pinedale Array

PDAR comp=Z, 0.7nm, 0.6s, mb3.7 smax

NOA NORARS Array B, NOA NORARS Array B

NOA comp=Z, 1.0nm, 0.7s smax

NOA NORARS Array B, NOA NORARS Array B

Table with columns: KLY Kamenista, KMRN Kamenista, KIRR Kirishev, SPN Mys Shipunski, KOC Kozyrevsk, SRDR Srednyy, NLN Salytchin, SDR Sedlovina, SDLR Sedlovina, PET Petropavlovsk, PET Petropavlovsk, RUS Russkaya, RUS Russkaya, MIPR Malaya Ipe'lka

IDC 11 09:09:01.4, 0.6, 2139N; 106.42W, h0km, mb4.7/18, mb1 4.9/24, mb1mx4.8/26, mbtmp4.7/24, ML4.0/6, MSA.2/19, Ms1 4.2/19, ms1mx4.0/28, Error ellipse: s-maj=18.1km s-min=12.1km az=60.0

BUI 11 09:09:04.9, 2.1, 2030N; 106.30W, h41km, mb5.6, mb5.3, Ms5.2, Ms2.9

MOS 11 09:09:04.9, 1.0, 2139N; 106.30W, h28km, mb5.4/49, Error ellipse: s-maj=7.1km s-min=3.9km az=83.9

MEX 11 09:09:04.3, 3.2, 2147N; 106.39W, h10km, 20km, MD5.2

ISCJB 11 09:09:06.3, 0.4, 2138N; 106.27W; 0.02, h39km, 3km, mb5.1/110, MSA.5/20, Error ellipse: s-maj=5.3km

GCMT 11 09:09:07.0, 5.2, 2143N; 106.29W, h18km, 1km, MW5.0/71, Moment Tensor Solution, s33c45; s71c105; Duration: 0 Moment tensor: Scale 1019Nm; Mr3.41t21; Mw-2.85t15; Mw-0.55t17; Mw2.71t37; Mw1.99t10; Mw-0.52t41; Best double couple: M=4.63400x1016 NP1: 0.3t41.00000t, 829.00000t, 114.00000t. NP2: 0.108.00000t, 864.00000t, 177.00000t. Principal axes: T 4.4300, Plig69.0000t, Azm353.0000t, N 0.4130, Plig11.0000t, Azm113.0000t, P -4.8380, Plig18.0000t, Azm207.0000t; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s.

NEIC 11 09:09:07.0, 5.2, 2143N; 106.32W, h41km, 3km, mb5.2/101, MD5.2(MEX) Error ellipse: s-maj=4.9km s-min=2.4km az=217.0

NEIC Felt strongly at Penita de Jaltemba. Felt at Puerto Vallarta.

ISC 11 09:09:09.0, 0.3, 2141N; 003.10627W; 0.02, h47km, 2km, n724, 0e97/90, mb5.1/110, MSA.5/20, 114C-77D, Off coast of central Mexico

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ANIG Ahuacatlan, ANIG Ahuacatlan, MAIG Mazatlan, MAIG Mazatlan, CJM Chameia, CJM Chameia, SFJM Santa Fe, SAJ Zacatecas, ZAI Zacatecas, ZAI Zacatecas, MMIG Aquila, MMIG Aquila, LPIG La Paz, LPIG La Paz, LPIG La Paz, LPIG La Paz

LPIG 1.8nm, 0.3s, baz=295, slow=2.4, SNR=15

LPIG 1.0nm, 0.3s, baz=100, slow=17, SNR=1.6

LPIG La Paz, LPIG La Paz

MOIG Morelia, MOIG Morelia

MOIG Morelia, MOIG Morelia

ZIIG Zihuatanejo, SZVM Salazar

SZVM Salazar, SZVM Salazar

UNM Universidad Na, UNM Universidad Na

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DVTC	Desert V Tower	14.21 324	↑P	Pn	09 12 27.0	-0.5
X14A	Yava	14.26 337	↓P	Pn	09 12 28.5	+0.3
SWSC	Sam W Stewart	14.27 326	P	Pn	09 12 27.9	-0.3
Y12C	Blythe	14.30 331	P	Pn	09 12 28.5	-0.1
CCIG	Comitan	14.31 108	↓P	Pn	09 12 28.2	-0.1
MONP	Monument Peak	14.56 324	↑P	Pn	09 12 32.1	0.0
PDMCJ	Parker Dam,Lak	14.60 333	P	Pn	09 12 32.6	0.0
NATX	Nacoocotlan	14.62 43	ePn	Pn	09 12 33.0	+0.1
BC3	Big Chuckw Mtn	14.66 328	P	Pn	09 12 33.1	-0.4
W15A	Williams	14.70 340	↑P	Pn	09 12 34.7	+0.9
X13A	Yucca	14.73 335	P	Pn	09 12 34.0	-0.3
WUAZ	Wupatki	14.75 343	ePn	Pn	09 12 35.7	+1.1
WUAZ	Wupatki	14.75 343	↓P	Pn	09 12 35.3	+0.7
WMOK	Whitita Mounta	14.82 25	ePn	Pn	09 12 34.5	-1.1
IRM	Iron Mountain	14.93 330	P	Pn	09 12 36.4	-0.5
109C	Camp Elliot, M	14.95 322	↑P	Pn	09 12 36.9	-0.3
W14A	Seligman	15.00 338	↑P	Pn	09 12 38.6	+0.8
PFO	Pinyon Flat Ob	15.13 326	Pn	Pn	09 12 39.0	-0.6
PFO	Pinyon Flat Ob	15.13 326	ePn	Pn	09 12 39.5	-0.2
PFO	Pinyon Flat Ob	15.13 326	eP	Pn	09 12 39.5	-0.1
PFO	Pinyon Flat Ob	15.13 326	Pn	Pn	09 12 39.6	0.0
PFO	Pinyon Flat Ob	15.13 326	P	Pn	09 12 39.6	0.0
W13A	Hualapai Mount	15.19 335	↑P	Pn	09 12 40.7	+0.3
NEE2	Needles Airpor	15.20 333	↑P	Pn	09 12 40.4	-0.1
BELC	Belle Mtn.	15.21 328	P	Pn	09 12 40.3	-0.2
MURC	Murrieta	15.53 324	↑P	Pn	09 12 44.3	-0.4
GMRC	Granite Mounta	15.68 330	P	Pn	09 12 46.5	-0.1
W12A	Cal Nev Ari	15.76 333	↓P	Pn	09 12 48.1	+0.3
SCI	San Clemente I	15.86 319	↓P	Pn	09 12 48.8	-0.3
MVCO	Mesa Verde	15.87 353	↓P	Pn	09 12 49.3	+0.3
BBRC	Big Bear Sol-O	15.88 326	↓P	Pn	09 12 49.7	+0.4
HEC	Hector,Ludlow	16.03 329	↑P	Pn	09 12 51.1	-0.1
CIS	Catalina Islan	16.07 321	↑P	Pn	09 12 52.2	+0.5
W12A	Nelson	16.12 334	↑P	Pn	09 12 52.7	+0.3
BFSC	Mount Baldy St	16.26 324	↑P	Pn	09 12 53.8	-0.3
SDCO	Great Sand Dun	16.30 2	ePn	Pn	09 12 55.6	+1.1
TUQ	Turquoise Mtn.	16.34 331	↓P	Pn	09 12 55.5	+0.5
RRX	Edison Barstow	16.41 327	↓P	Pn	09 12 55.8	-0.1
W11A	Goodsprings	16.46 333	↑P	Pn	09 12 57.4	+0.8
U12A	Valley of Fire	16.62 336	↓P	Pn	09 12 59.2	+0.6
DECO	Green Valleygo	16.64 323	↑P	Pn	09 12 58.4	-0.4
GSC	Goldstone	16.64 329	P	Pn	09 12 59.2	+0.3
SNCO	San Nicolas Is	16.65 318	↑P	Pn	09 12 59.7	+0.8
T14A	Hurricane	16.68 341	↑P	Pn	09 12 00.4	+1.0
PV01	Paradox Valley	16.79 354	ePn	Pn	09 13 00.1	-0.6
TEIG	TEIG	16.86 91	Pn	LR	09 12 01.9	-2.7
TEIG	TEIG	16.86 91	LR	LR	09 12 59.0	-2.7
TEIG	TEIG	16.86 91	Pn	LR	09 12 59.0	-2.7
SHOC	Shoshone	16.88 331	P	LR	09 20 01.9	
D13A	Saint George	16.91 339	↑P	Pn	09 13 02.3	+0.4
EDW2	Edwards Air Fo	16.92 325	↑P	Pn	09 13 03.2	+1.0
SHPR	Sheep Range	16.92 335	ePn	Pn	09 13 02.9	+0.6
U11A	Corn Creek	16.94 334	↑P	Pn	09 13 03.6	+1.0
T12A	Moapa	16.94 336	↑P	Pn	09 13 03.2	+0.6
BLG	Laguna Peak	16.96 321	↓P	Pn	09 13 04.1	+1.3
PV10	Paradox Valley	17.08 353	ePn	Pn	09 13 03.5	-0.8
OSIO	Osito Adit	17.12 323	↑P	Pn	09 13 04.7	-0.2
MIAR	Mount Ida	17.21 38	ePn	Pn	09 13 05.1	-0.9
BSC	Santa Cruz Isl	17.22 320	↑P	Pn	09 13 06.9	+0.8
CCUT	Cedar City	17.22 341	ePn	Pn	09 13 06.4	+0.4
LRMC	Laurel Mountai	17.22 327	↓P	Pn	09 13 06.0	-0.1
U10A	Ash Meadows, A	17.34 332	↑P	Pn	09 13 08.2	+0.7
S14A	Cedar City	17.36 341	↑P	Pn	09 13 08.4	+0.7
ARUT	Antelope Range	17.46 341	ePn	Pn	09 13 10.3	+1.2
ARVC	Arvin	17.56 324	↑P	Pn	09 13 09.7	-0.6
MPMC	Manual Propsec	17.58 329	↑P	Pn	09 13 10.6	+0.6
FURC	Furnace Creek	17.62 331	↑P	Pn	09 13 11.0	0.0
ISAL	Isabella	17.72 358	eP	Pn	09 13 14.3	+2.1
SMCO	Snowmass	17.77 326	P	Pn	09 13 12.5	-0.4
MSU	Marysval	17.79 345	ePn	Pn	09 13 14.2	+1.1
DAC	Darwin (Calif)	17.81 338	ePn	Pn	09 13 13.8	+0.5
PKM	Peak Mountain	17.95 321	↓P	Pn	09 13 14.5	-0.6
UALR	University of	18.09 40	ePn	Pn	09 13 15.4	-1.4
S11A	Rache	18.14 335	↑P	Pn	09 13 17.9	+0.6
CWC	Cottonwood Cre	18.17 328	↑P	Pn	09 13 17.9	+0.1
VES	Vestal, Richgr	18.23 325	↑P	Pn	09 13 18.3	-0.2
CBKS	Cedar Bluff	18.26 16	ePn	Pn	09 13 18.4	0.0
CBKS	Cedar Bluff	18.26 16	eP	Pn	09 13 18.4	-0.1
GRAC	Grapevine Rang	18.29 331	↑P	Pn	09 13 19.4	+0.3
TMUT	Trail Mountain	18.33 348	ePn	Pn	09 13 20.2	+0.6
R12A	Pony Springs	18.33 339	P	Pn	09 13 20.7	+1.0
ISCO	Idaho Springs	18.34 2	ePn	Pn	09 13 21.0	+1.2
SMCM	Simmler	18.35 322	↑P	Pn	09 13 19.4	-0.5
RCTC	Rector, Farmer	18.67 325	↑P	Pn	09 13 23.1	-0.7
TRCR	Troy Canyon	18.70 337	eP	Pn	09 13 24.1	0.0
V05C	Boulder Hill,	18.70 323	↓P	Pn	09 13 23.5	-0.7
PTRM	Twisselman Ran	18.72 322	eP	Pn	09 13 23.8	-0.6
S10A	Tonopah Range,	18.72 334	↓P	Pn	09 13 24.2	-0.2
TIN	Tinemah	18.73 329	↑P	Pn	09 13 24.4	-0.1
S09A	Goldfield	18.82 332	↑P	Pn	09 13 25.2	-0.4
HELL	Mitchell Peak	18.84 327	P	Pn	09 13 25.6	-0.2
R10A	Warm Springs	18.92 335	↓P	Pn	09 13 27.0	+0.2
Q12A	Willow Creek R	19.05 339	↓P	Pn	09 13 28.0	-0.3
S08C	White Mtn Res	19.06 330	↑P	Pn	09 13 28.1	-0.4

V04C	Ramage Ranch,	19.09 321	↑P	Pn	09 13 27.2	-1.5
MPU	Maple Canyon	19.11 347	ePn	Pn	09 13 29.1	+0.1
PKD	Panorama	19.11 322	P	Pn	09 13 28.1	-1.0
TPH	Tonopah	19.11 333	ePn	Pn	09 13 29.0	-0.1
TPH	Tonopah	19.11 333	ePn	Pn	09 13 29.0	-0.1
TPH	Tonopah	19.11 333	ePn	Pmax	09 13 29.0	-0.1
NLU	North Lily Min	19.14 346	ePn	Pn	09 13 29.5	+0.1
U05C	Westside ANR,	19.16 324	↑P	Pn	09 13 28.2	-1.4
Q11A	Duckwater	19.16 337	↑P	Pn	09 13 29.1	-0.6
R09A	Tonopah	19.19 333	↓P	Pn	09 13 29.8	-0.8
DAU	Daniels Canyon	19.41 348	ePn	Pn	09 13 32.8	+0.1
T06C	Millerton Lake	19.44 326	P	Pn	09 13 31.0	-2.0
KCC	Kaiser Creek	19.48 327	↑P	Pn	09 13 32.5	-1.0
MLAC	Mammoth Lakes	19.48 329	↑P	Pn	09 13 32.4	-1.2
KSU1	Kansas State U	19.48 23	eP	Pn	09 13 32.7	-0.8
TGHU	Teguigcigal,An	19.50 109	eP	Pn	09 13 31.0	-2.9
DUG	Dugway	19.54 345	ePn	Pn	09 13 33.8	-0.3
DUG	Dugway	19.54 345	↓P	Pn	09 13 33.6	-0.6
U04C	Hernandez Rese	19.55 323	↓P	Pn	09 13 32.9	-1.4
V03C	Runter Liggett	19.57 321	↑P	Pn	09 13 33.8	-0.7
HBAR	Harrisburg	19.63 41	eP	Pn	09 13 34.1	-1.2
JLU	Jordanelle	19.63 348	ePn	Pn	09 13 36.5	+1.4
BRAL	Brewton	19.69 57	eP	Pn	09 13 35.0	-1.0
R08A	Mina	19.73 331	P	Pn	09 13 35.6	-0.8
Q09A	Carvers	19.74 334	↓P	Pn	09 13 35.6	-1.0
OXF	Oxford	19.77 45	ePn	Pn	09 13 36.9	0.0
OXF	Oxford	19.77 45	eP	Pmax	09 13 36.9	0.0
CTU	Camp Tracy	19.78 348	eP	Pn	09 13 36.5	-0.5
MET	Memphis-Engin	19.80 43	ePn	Pn	09 13 37.0	-0.4
NOQ	North Oquirrh	19.82 347	ePn	Pn	09 13 37.8	+0.3
P11A	Circle Ranch,	19.82 338	↑P	Pn	09 13 36.4	-1.1
PHWY	Pilot Hill	19.84 2	ePn	Pn	09 13 38.1	+0.4
T05C	Eagle Field, D	19.87 324	↑P	Pn	09 13 37.3	-0.8
NVAR	Mina Array Bea	19.88 331	Pn	PcP	09 13 36.9	-1.4
NVAR	Mina Array Bea	19.88 331	Pn	PcP	09 13 36.9	-1.4
NVAR	Mina Array Bea	19.88 331	Pn	PcP	09 13 36.9	-1.4
NVAR	Mina Array Bea	19.88 331	Pn	PcP	09 13 36.9	-1.4
R07C	Lee Vining	19.95 329	↓P	Pn	09 13 37.7	-1.4
S05C	Merced	20.02 326	↓P	P	09 13 37.3	-0.5
Q08A	Gabbs	20.07 333	↓P	P	09 13 38.8	+0.4
P10A	Eureka	20.14 337	↑P	P	09 13 40.2	+1.1
S06C	San Francisco	20.18 327	↑P	P	09 13 39.3	-0.2
RWWY	Rawlins	20.23 358	ePn	P	09 13 40.5	+0.5
RGU	Big Grassy Mou	20.29 345	eP	P	09 13 40.9	+0.3
GNAR	Gonsen	20.29 41	eP	P	09 13 41.1	+0.4
O11A	Cowboy Ranch,	20.31 339	P	P	09 13 41.7	+0.8
P09A	Austin	20.34 335	↑P	P	09 13 41.9	+0.7
WAKR	Walker	20.47 329	eP	P	09 13 43.5	+0.9
R07C	Coleville	20.49 329	P	P	09 13 44.0	+1.2
Q06A	Schubert	20.52 331	↑P	P	09 13 43.9	+0.7
N13A	Wendover, West	20.52 343	↑P	P	09 13 44.0	+0.8
CMB	Coloia Colle	20.57 327	eP	P	09 13 42.4	-1.4
CMB	Columbia Colle	20.57 327	eP	Pmax	09 13 42.4	-1.3
CMB	Columbia Colle	20.57 327	↑P	Pmax	09 13 44.0	+0.3
HWUT	Hardware Ranch	20.63 349	eP	P	09 13 45.0	+0.7
LRAL	Lakeview Rese	20.64 52	eP	P	09 13 44.9	+0.3
HALT	Halls	20.68 42	eP	P	09 13 46.1	+1.1
ELK	Elko	20.73 340	eP	P	09 13 46.1	+0.7
ELK	Elko	20.73 340	eP	Pmax	09 13 46.1	+0.7
O10A	Cortez Mining,	20.74 337	P	P	09 13 46.6	+1.0
N12A	Clove Valley,	20.76 341	P	P	09 13 46.9	+1.1
PVMO	Portageville	20.78				





Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like QUIF, MTE, PCBR, ARCES, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LOR, MEZF, WLF, SMF, YSS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LZH, AAK, STKA, CD2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CNCH, BLLM, TEL3, etc.







11d 10h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KWP Kalwaria, LKD Levkas, APA Apatity, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like TRO Tromso, TRO Tromso, PTQR Pietraquara, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GRFO Grafenberg, MOTA Moosalm, MOTA Moosalm, etc.





Table with columns: ID, Name, Date, Time, Status, and other details. Rows include Eugene, Detroit Lake, Wamit, Prosser, Dieder Farm, El, Phinny Hill, Sixes, Umpqua, Carlson Farm, Wagner Farm, Whitfish, Wood Farm, Madras, Tendick Farm, Glendale, Pendleton, Ruggs Ranch, Klaveano Farm, Bend, Lindquist Farm, Myers Farm, Hot Springs, Pilot Rock, Umpqua Nationa, Cave Junction, Humo Hill Mountain, Swan Lake, S2 Ranch, Beach Ranch, Bogner Ranch, Huson, Prineville, Cove, Ize, Chiquin, Prairie City, Grangeville, Greenough, Yreka Blue Hor, MSO, L04A, M02C, J06A, K05A, CHMT, H09A, E13A, BMO, G11A, D15A, M04C, H08A, K06A, EGMT, J07A, M03C, LASM, H10A, L05A, I09A, E15A, J08A, WDC, H11A, K07A, O02C, M05C, I10A, F14A, MOD, J09A, HATC, G13A, K08A, F15B, L07A, WVOR, M06C.

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include Jackson, Diamond D, Lac du Bonnet, Dagmar, Rome, Dillon, Berg Farm, Dagmar, HOPS, K09A, HLMT, Challis, Eagle Lake, Fielde, Chester, BOZ, Bozeman, Bozeman, Bozeman, Camas Ranch, Soldier Meadow, MacKenzie Ranch, McKenzie Canyon, McLaughlin, Orville, Bufalo Meadow, Quincy, S2 Butte, Saint Helena, Wilkinson Ranch, Wildhorse Cree, Happy Creek, Marconi Confer, Greycliff, Stokes Ranch, Carment Viney, Hailey, Winters, Gerlach, Earthquake Lak, LASA Array, Cove Ranch, Marrel Ranch, Stead Airport, Madison River, GE Springs, Cat Creek Ranch, Draper Farm, Black Diamond, Lava Cap Winer, Red Lodge, Old Faithful, IL Ranch, LKWY Lake, LKWY Lake, Rock Creek Ranch, Jasper Ridge, Washoe City, Wente Brothers, Stover Farm, House Creek, Agassiz Refuge, Kirkwood Meado, Indian Meadow, Holland Ranch, Ingran Canyon, Battle Mountai, Battle Mountai, Drake Creek, Cowling Ponds, Dunphy, Columbia Colle, Columbia Colle, Columbia Colle, Jones Ranch, Double Diamond, Fish Creek Ranch, Teton Pass, Long Hollow, Coleville, Wells, Pacheco Peak, Red Top Meadow, Elko Archery, Cortez Mining, San Francisco.

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include EYMN, S05C, M13A, ELK, ELK, N12A, P09A, T05C, R07C, Q08A, HUU, HUU, NVAR, NVAR, NVAR, NVAR, O11A, P10A, N13A, V03C, U04C, R08A, KCC, Q09A, T06C, MLAC, PDAR, PDAR, PDAR, PDAR, P11A, U05C, PKD, BGU, V04C, HWUT, HWUT, R09A, HELL, V05C, RSSD, RSSD, Q11A, RCTC, TIN, S09A, R10A, NOQ, DUG, DUG, DUG, S10A, Q12A, CTU, SMMC, TRCR, JLU, GRAC, CWC, PKM, DAU, NLU, S11A, MSNY, R12A, DAC, DAC, MPMC, FURC, LRMC, U10A, OSI, TMUT, BLG, EDW2, MSU, MSU, ARUT, ARUT, SHUC, U11A, S14A, ECSD, GSC, T12A, PHWY, SRU, SRU, CCUT, T13A, BFSC, U12A, V11A, TUQ, CIS, T14A, HEC, HEC.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like V12A Nelson, GMRC Granite Mounta, W12A Cal Nev Ari, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like TXAR comp=N,2.3nm,1.0s,baz=236,slow=0.3,SNR=3.9, TXAR comp=N,9.0nm,0.8s,baz=30,slow=0.5,SNR=14, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like SRKR Klyuchi, KLY Klyuchi, BZMR Bezymyannaya, etc.

IGQ 11 11:28:42.0,262S-7942W,h8km,5km,MD4.0,MS3.8, 8C-6D,Error ellipse: s-maj=10.3km s-min=2.3km az=55.0,Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like BILB, RETU, JUIV, etc.

GUC 11 11:32:22.9,0.7,3304S-6906W,h26km,16km,MD3.8, 1C-2D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FCH, PCH, TACH, etc.

ISCJB 11 11:36:13.0,1.0,1607N-003-9872W,0.02,h10km,6km, mb4.4/36,Error ellipse: s-maj=5.9km s-min=3.6km az=6.3

NEIC 11 11:36:13.7,1582N-9892W,h16km,mb4.5/35, MD4.8(MEX),After MEX.

IDC 11 11:36:13.9,1.5,1624N-9869W,h0km,mb4.1/8, mb1.4,3/12,mb1mx4.1/23,mbtmp4.0/12,ML3.5/4,MS3.1/1, ms1.3,1/1,ms1mx2.3/29,Error ellipse: s-maj=28.1km s-min=15.7km az=22.0

MEX 11 11:36:14.4,0.9,1592N-9893W,h16km,12km,MD4.8

BUJ 11 11:36:15.7,1500N-9890W,h16km,mb5.1,Ms4.9,Msz4.8

ISC 11 11:36:14.7,1.2,1616N-004-9869W,0.02,h4km,7km,n237, az=090/266,mb4.4/36,51C-55D,Near coast of Guerrero

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including PNIG, ACX, CAIG, etc.

Large table with columns: Code, Station Name, Time, Res, ISC. Lists stations like WMAK, MIAR, BNM, etc.

Large table with columns: Code, Station Name, Time, Res, ISC. Lists stations like O11A, NVAR, PDAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like A09A Danville, C06A Tall Timber Ra, B07A Winthrop, etc.

IDC 11 11:41:11.1±17.0, 2232S:17979W, h641km, 173km, mb3.3/5, mb1 3.4/5, mb1mx3.1/4, mbtmp3.3/5, Error ellipse: s-maj=133.0km s-min=32.9km az=77.0, South of Fiji Islands

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

IDC 11 11:49:38.7±21.0, 1930S:1793W, h586km, 202km, mb3.0/3, mb1 3.2/3, mb1mx2.9/14, mbtmp3.0/3, Error ellipse: s-maj=155.3km s-min=97.2km az=106.0, Fiji Islands region

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

ISCJB 11 11:53:46.8±0.7, 3934N:003:2354E:005, h10km, 6km, Error ellipse: s-maj=7.3km s-min=4.5km az=25.5

CSEM 11 11:53:47.9±0.1, 3933N:2353E, h6km, 1km, MD3.1, Error ellipse: s-maj=2.3km s-min=1.7km az=119.0

ATH 11 11:53:47.6, 3932N:2350E, h10km, 6km, MD3.1/3

THE 11 11:53:47.9, 3931N:2351E, h10km, ML2.7

ISC 11 11:53:46.9±0.7, 3932N:003:2355E:006, h17km, 5km, n29, s=086/41, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEO Neokhori, XOR Xorichti, AOS Alonissos, etc.

IDC 11 11:59:28.2±1.0, 5525S:2824W, h0km, mb3.9/4, mb1 4.1/4, mb1mx4.0/14, mbtmp3.9/4, Error ellipse: s-maj=87.5km s-min=32.1km az=7.0

ISCJB 11 11:59:29.4±1.0, 5525S:02:284W:04, h10km, mb4.0/4, Error ellipse: s-maj=37.7km s-min=14.2km az=147.5

ISC 11 11:59:31.4±1.0, 5525S:02:284W:04, h10km, n8, s=1811/6, mb4.0/4, South Sandwals Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, CFAA Coranfil Fontan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORO Torodi Ar. Bea, YKA Yellowknife Arr, SONA Songo Arr, etc.

HLW 11 12:24:37.0, 2989N:3681E, h18km, Mb3.1

ISCJB 11 12:24:39.1±1.1, 2984N:004:3623E:008, h0km, Error ellipse: s-maj=116.6km s-min=5.1km az=68.0

CSEM 11 12:24:39.0±0.2, 2979N:3623E, h1km, ML2.5, Error ellipse: s-maj=5.4km s-min=2.5km az=99.0, Mining explosion.

Gil 11 12:24:41.2±2.7, 2992N:3616E, h0km, 13km, ML2.0/2

SGS 11 12:24:42.6, 2990N:3604E, h4km

ISC 11 12:24:39.7±1.1, 2983N:004:3628E:008, h0km, n35, s=0563/40, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AOBJ Aqaba, EIL Elat, HOLS Hols, etc.

IDC 11 12:33:03.1±1.1, 5116N:17938E, h0km, mb3.8/13, mb1 4.1/14, mb1mx3.9/26, mbtmp3.9/14, ML4.2.1, Error ellipse: s-maj=32.8km s-min=17.6km az=1.0

NEIC 11 12:33:02.7, 5101N:17936E, h6km, ML3.7(AEIC), After AEIC.

ISCJB 11 12:33:08.4±0.8, 5131N:01:17943E:010, h46km, 4km, mb3.8/13, Error ellipse: s-maj=24.4km s-min=10.3km az=175.8

ISC 11 12:33:09.0±1.3, 5121N:02:1794E:01, h38km, 7km, n22, s=0579/26, mb3.8/13, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AMKA Amchitka, AMKA Adak, SMY Shemya, etc.

ISCJB 11 12:33:09.0±1.3, 5121N:02:1794E:01, h38km, 7km, n22, s=0579/26, mb3.8/13, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

CSEM 11 12:56:23.9±0.1, 3747N:3534E, h5km, MD3.0, Error ellipse: s-maj=2.4km s-min=2.0km az=179.0

ISCJB 11 12:56:24.0±0.8, 3747N:008:3539E:005, h10km, 16km, Error ellipse: s-maj=14.2km s-min=5.6km az=166.1

ISK 11 12:56:24.1, 3746N:3536E, h6km, MD3.0

DDA 11 12:56:25.5, 3746N:3529E, h7km, 4km, Md2.6

ISC 11 12:56:24.8±0.8, 3747N:008:3536E:005, h12km, 15km, n13, s=0511/18, Turkey

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

NEIC 11 13:05:01.1, 1865N:6825W, h168km, MD3.8(RSPR), After RSPR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AGPR Aguadilla, PR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AGPR Las Mesas, LSP Cabo Rojo, PR, CRPR Lares, etc.

GRAL 11 13:07:50.9±1.0, 3376N:3714E, h0km, 613km, MD3.5

CSEM 11 13:07:51.7±0.3, 3367N:3698E, h5km, Mc2.0, Error ellipse: s-maj=5.9km s-min=3.4km az=149.0

ISCJB 11 13:07:52.5±1.1, 3369N:005:3696E:006, h10km, Error ellipse: s-maj=8.8km s-min=5.4km az=42.3

NSSC 11 13:07:52.8±1.2, 3369N:005:3696E:007, h10km, n18, s=1510/29, AD, Jordan - Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MARH Ras Al Marh, MARH Ras Al Marh, ROOS Al alroos, etc.

IDC 11 13:25:27.8±1.9, 3434N:8128E, h0km, mb3.5/3, mb1 3.6/5, mb1mx3.3/22, mbtmp3.4/5, ML3.1/2, Error ellipse: s-maj=73.8km s-min=31.0km az=65.0, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalevovo Beam, FINES Finess Array B, etc.

MAN 11 13:34:11, 736N:12715E, h24km, mb4.7, ML3.6, MS3.5, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BIPH Bislig, BIPH Bislig, CGP Cagayan de Oro, etc.

IDC 11 13:37:41.0±0.8, 3420N:8096E, h0km, mb3.7/11, mb1 3.9/13, mb1mx3.8/22, mbtmp3.7/13, ML3.4/2, Error ellipse: s-maj=25.7km s-min=17.8km az=40.1

ISCJB 11 13:37:44.1±1.7, 3430N:007:810E:01, h33km, 16km, mb3.7/11, Error ellipse: s-maj=19.5km s-min=10.8km az=18.4

ISC 11 13:37:46.7±1.2, 3432N:007:810E:01, h37km, 12km, n21, s=019/24, mb3.7/11, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KLP Kalpa, JOSI Joshimath, JOSI Joshimath, etc.

ISC 11 13:37:46.7±1.2, 3432N:007:810E:01, h37km, 12km, n21, s=019/24, mb3.7/11, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR Keskin Array B, AKASG Malin Array B, FINES Finess Array B, etc.







11d 15h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like AGMN Agassiz Refuge, DAC Darwin (Calif), ISA Isabella, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like I11A Placerville, ORV Oroville, G13A Cobalt, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like B06A Marblemount, B05A Bryant, A06A Chilliwack, etc.

SZGRF 11 15:05:09.3, 3683N<7080E, h196km, mb4.8, Hindu Kush, Afghanistan, region
ISCJB 11 15:05:19.4, 0.1, 3646N, 002.7099E, 002, h187km, mb4.7/132, Error ellipse: s-maj=2.6km s-min=1.7km az=39.3





Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, h m s, Res ISC. Includes stations like MBDF Montbardon, CABF La Chapelle, JUNU Nakatsue, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, h m s, Res ISC. Includes stations like PMR Palmer, SML Sawmill, BOS A Boshof, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, h m s, Res ISC. Includes stations like Oregon, K01A Sixes, K01A Edson Butte, etc.

Text block containing station identifiers and coordinates: IDC 11 15:23:22.3;1.5, 4.01N;126.83E, h0km, mb3.5/4, mb1 3/7/4, etc.

11d 15h

J06A	Christmas Vall baz=5.6,SNR=22	5.23	91	P	Pn	15 36 06.7 -1.0
GSM	Grass Mountain	5.32	45	P	Pn	15 36 10.0 +1.0
E06A	Yakim baz=5.9,SNR=92	5.38	54	P	Pn	15 36 11.1 +1.2
MOD	Modoc 15nm,1.1s	5.43	105	ePn	Pn	15 36 09.1 -1.4
MOD	Modoc baz=5.7	5.43	105	UP	Pn	15 36 09.5 -1.0
HOPS	Hopland 132nm,1.3s	5.58	144	ePn	Pn	15 36 11.6 -1.0
HOPS	Hopland baz=5.5	5.58	144	UP	Pn	15 36 12.3 -0.3
M06C	Likely Place G baz=5.8	5.59	113	UP	Pn	15 36 11.9 -0.8
I07A	Izee baz=1.1,SNR=27	5.68	82	UP	Pn	15 36 13.3 -0.5
C05A	Toit Reservoir baz=6.2,SNR=45	5.71	42	UP	Pn	15 36 14.8 +0.5
G07A	Ruggs Ranch, H baz=6.2,SNR=61	5.73	70	UP	Pn	15 36 14.5 -0.1
PGC	Sidney 62nm,0.4s	5.75	27	ePn	Pn	15 36 15.0 +0.1
F07A	Phinny Hill Vi baz=6.2	5.75	64	UP	Pn	15 36 14.8 -0.1
EBG	Eliensburg	5.82	53	P	Pn	15 36 17.2 +1.4
D06A	Cle Elton baz=6.3,SNR=36	5.82	49	UP	Pn	15 36 16.9 +1.0
ORV	Oroville baz=6.0	5.93	131	UP	Pn	15 36 18.4 +1.1
B05A	Bryant baz=6.5,SNR=34	5.94	36	UP	Pn	15 36 17.8 +0.4
MNRC	McLaughlin Nat baz=5.9	5.96	140	UP	Pn	15 36 18.0 +0.3
K07A	Rock Creek Ran baz=6.3	5.97	96	UP	Pn	15 36 17.0 -1.0
SUTB	Sutter Butte baz=6.0	6.01	134	UP	Pn	15 36 17.9 -0.6
A04A	Legoe Bay, Lum baz=6.6,SNR=25	6.06	30	UP	Pn	15 36 19.9 +0.7
E07A	Sunnyside baz=6.6,SNR=17	6.07	58	UP	Pn	15 36 19.5 +0.2
L07A	Adell baz=6.3	6.07	102	UP	Pn	15 36 18.3 -1.0
OHCM	Honcut 6.09	6.12	63	ePn	Pn	15 36 20.9 +1.3
RSW	Rattlesnake Hi 6.16	6.16	60	P	Pn	15 36 21.4 +0.8
N5HM	Saint Helena R 6.17	6.17	143	ePn	Pn	15 36 20.1 -0.6
G08A	Pilot Rock baz=6.7,SNR=77	6.23	71	UP	Pn	15 36 21.3 -0.2
C06A	Tall Timber Ra baz=6.8	6.25	44	UP	Pn	15 36 22.4 +0.6
H08A	Prairie City baz=6.7,SNR=32	6.30	78	UP	Pn	15 36 22.1 -0.4
D07A	Quino baz=6.9,SNR=6.4	6.31	52	UP	Pn	15 36 22.7 0.0
ETW	Entiat baz=6.8	6.35	48	UP	Pn	15 36 24.4 +1.3
I08A	Drewsey baz=6.7	6.35	84	UP	Pn	15 36 22.6 -0.5
Q03C	Winters baz=6.3	6.35	139	UP	Pn	15 36 23.7 +0.5
CVS	Carment Vinay baz=6.3	6.38	143	UP	Pn	15 36 23.5 -0.1
B06A	Marblemount baz=6.9	6.40	37	UP	Pn	15 36 24.0 +0.2
J08A	Circle Bar Ran baz=6.8	6.44	89	UP	Pn	15 36 24.1 -0.3
WV0R	Wild Horse Val 14nm,1.0s	6.46	97	ePn	Pn	15 36 22.7 -2.0
WV0R	Wild Horse Val comp=Z,14nm,1.0s	6.46	97	ePn	Pmax	15 36 22.7 -2.0
F08A	Pendleton baz=7.0	6.48	67	UP	Pn	15 36 24.5 -0.4
K08A	Mann Creek Ran baz=6.8	6.51	94	UP	Pn	15 36 24.5 -0.9
A05A	Maple Falls baz=7.1,SNR=11	6.53	32	UP	Pn	15 36 26.2 +0.6
E08A	Dider Farm, El baz=7.0,SNR=13	6.54	61	UP	Pn	15 36 26.1 +0.4
C07A	Waterville baz=7.1,SNR=70	6.54	48	UP	Pn	15 36 26.3 +0.5
WTV	Watville baz=7.0	6.61	49	P	Pn	15 36 27.5 +0.8
A06A	Chilliwack baz=7.4	6.84	34	UP	Pn	15 36 31.1 +1.2
D08A	Wollman Farm, baz=7.4,SNR=1	6.87	57	UP	Pn	15 36 30.5 +0.3
LAVA	Lava Cap Winer baz=6.9	6.91	132	UP	Pn	15 36 30.5 -0.3
M08A	Happy Creek R baz=7.2	6.94	105	UP	Pn	15 36 30.5 -0.7
I09A	Lost Marbles R baz=7.3	6.95	83	UP	Pn	15 36 31.2 -0.1
J09A	Fry Pan Ranch, baz=7.3	6.96	89	UP	Pn	15 36 31.0 -0.5
B07A	Winthrop baz=7.3,SNR=12	7.00	43	UP	Pn	15 36 32.0 -0.1
H09A	Durkee baz=7.5,SNR=18	7.03	78	UP	Pn	15 36 31.9 -0.6
G09A	Cove baz=7.5,SNR=20	7.04	73	UP	Pn	15 36 32.2 -0.4
F09A	S2 Ranch, Elgi baz=7.5	7.04	69	UP	Pn	15 36 32.1 -0.6
K09A	Rome baz=7.4	7.07	94	UP	Pn	15 36 32.0 -1.1
WCN	Washoe City baz=7.2	7.10	124	UP	Pn	15 36 33.8 +0.3
E09A	Wood Farm, Sta baz=7.6	7.13	62	UP	Pn	15 36 33.3 -0.5
D09A	Jones Farm, Ri baz=7.7,SNR=8.2	7.25	58	UP	Pn	15 36 35.1 -0.3
L09A	Wilkinson Ranc baz=7.6	7.27	99	UP	Pn	15 36 35.2 -0.5
A07A	Ashnola River, baz=7.7,SNR=12	7.28	39	UP	Pn	15 36 36.0 +0.1
WENL	Wente Brothers baz=7.2	7.29	143	UP	Pn	15 36 35.7 -0.4
BMO	Blue Mountains comp=Z,58nm,1.0s	7.31	76	ePn	Pn	15 36 35.8 -0.5
BMO	Blue Mountains comp=Z,58nm,1.0s	7.31	76	ePn	Pmax	15 36 35.8 -0.5
R05C	Kirkwood Meado baz=7.7	7.31	129	UP	Pn	15 36 35.4 -1.0
B08A	Colville Reser baz=7.9,SNR=7.7	7.34	46	UP	Pn	15 36 36.0 -0.7
F10A	Beach Ranch, E baz=8.0	7.57	68	UP	Pn	15 36 39.0 -0.9
S04C	Ingram Canyon, baz=7.5	7.58	141	UP	Pn	15 36 40.2 +0.1
I10A	Payette baz=8.0	7.62	83	UP	Pn	15 36 40.0 -0.6
CMB	Columbia Colle comp=Z,169nm,1.5s	7.63	134	ePn	Pn	15 36 43.0 +2.3
CMB	Columbia Colle comp=Z,169nm,1.5s	7.63	134	ePn	Pmax	15 36 43.0 +2.3
CMB	Columbia Colle baz=7.6	7.63	134	UP	Pn	15 36 42.2 +1.5
K10A	MacKenzie Ranc baz=8.0	7.68	92	UP	Pn	15 36 40.5 -0.9
H10A	Noah's Angus R baz=8.1	7.68	79	UP	Pn	15 36 40.7 -0.6
R06C	Coleville baz=7.8	7.79	128	UP	Pn	15 36 42.9 -0.1
E10A	Myers Farm, Un baz=8.3	7.79	65	UP	Pn	15 36 42.2 -0.7
D10A	Wagner Farm, O baz=8.4	7.89	60	UP	Pn	15 36 43.9 -0.3
B09A	Rice baz=8.5,SNR=19	8.02	50	UP	Pn	15 36 46.1 +0.1
S06C	San Francisco baz=8.0	8.03	133	UP	Pn	15 36 47.8 +1.7
A09A	Danville baz=8.6	8.11	45	UP	Pn	15 36 47.2 0.0
G11A	Walters Elk Ra baz=8.6,SNR=12	8.11	73	UP	Pn	15 36 46.8 -0.5
L10A	Juniper Basin baz=8.4	8.11	97	UP	Pn	15 36 47.7 +0.3
S05C	Mercer baz=8.2	8.19	137	UP	Pn	15 36 48.6 +0.3
C10A	Spilker Farm, baz=8.7,SNR=5.9	8.19	55	UP	Pn	15 36 48.3 -0.1
H11A	Donnelly baz=8.6,SNR=28	8.21	78	UP	Pn	15 36 48.4 -0.3
M10A	L.L. Ranch, Tu baz=8.5	8.22	101	UP	Pn	15 36 48.6 -0.2
I11A	Placerville	8.23	84	UP	Pn	15 36 48.4 -0.6

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F11A	Grangeville baz=8.6	8.28	70	UP	Pn	15 36 49.6 0.0
E11A	Bogner Ranch, baz=8.7	8.35	67	UP	Pn	15 36 50.0 -0.6
MFID	Camas Ranch, baz=8.7	8.36	87	UP	Pn	15 36 50.2 -0.5
T05C	Eagle Field, D	8.38	140	UP	Pn	15 36 51.5 +0.5
B10A	Chitwood Farm, baz=9.0	8.47	53	UP	Pn	15 36 52.6 +0.4
D11A	Klaveano Farm, baz=9.0	8.48	62	UP	Pn	15 36 50.9 -1.5
NEW	Newport comp=Z,32nm,0.9s	8.51	53	ePn	Pn	15 36 52.8 0.0
NEW	Newport comp=Z,32nm,0.9s	8.51	53	ePn	Pmax	15 36 52.8 0.0
NEW	Newport comp=Z,2.4nm,0.3s,baz=227,slow=11,SNR=27	8.51	53	Pn	Pn	15 36 52.4 -0.5
NEW	Newport comp=Z,2.4nm,0.3s,baz=227,slow=11,SNR=27	8.51	53	Pn	LR	15 40 13.2
NVAR	Mina Array Bea comp=Z,2.2um,20.8s,baz=240,slow=39	8.53	14	Pn	Pn	15 36 54.1 +1.1
NVAR	Mina Array Bea comp=Z,2.2um,20.8s,baz=240,slow=39	8.53	14	Pn	Pn	15 36 54.1 +1.1
L11A	Cat Creek Ranc baz=8.9	8.61	95	UP	Pn	15 36 53.0 -1.1
BBB	Bella Bella comp=Z,6.1nm,1.1s	8.64	357	Pn	Pn	15 36 56.1 +1.7
BBB	Bella Bella comp=Z,6.1nm,1.1s	8.64	357	Pn	Sn	15 38 30.4 -1.5
BBB	Bella Bella comp=Z,2.4nm,0.3s,baz=193,slow=11,SNR=13	8.64	357	Pn	Sn	15 39 39.7
BBB	Bella Bella comp=Z,2.4nm,0.3s,baz=193,slow=11,SNR=13	8.64	357	Pn	Sn	15 39 39.7
BBB	Bella Bella comp=Z,0.1nm,0.3s,baz=71,slow=18,SNR=2.1	8.64	357	Pn	LR	15 39 39.7
BBB	Bella Bella comp=Z,0.1nm,0.3s,baz=71,slow=18,SNR=2.1	8.64	357	Pn	LR	15 39 39.7
A10A	Northport comp=Z,8.5nm,1.5s	8.65	48	UP	Pn	15 36 53.8 -0.9
KCC	Kaiser Creek baz=8.7	8.72	133	UP	Pn	15 36 57.1 +1.4
T06C	Millerton Lake baz=8.9	8.76	136	UP	Pn	15 36 56.7 +0.4
MLAC	Mammoth Lakes baz=8.8	8.76	130	UP	Pn	15 36 56.7 +0.4
U04C	Hernandez Rese baz=9.3	8.77	143	UP	Pn	15 36 57.2 +0.8
M11A	Holland Ranch, baz=9.1	8.78	100	UP	Pn	15 36 55.2 -1.2
F12A	Elk City baz=9.3	8.87	72	UP	Pn	15 36 57.8 +0.1
J12A	Stover Ranch, baz=9.3	8.90	88	UP	Pn	15 36 58.1 0.0
H12A	Diamond D Ranc baz=9.4	9.03	79	UP	Pn	15 36 59.7 -0.2
B11A	Sandpoint baz=9.5	9.04	54	UP	Pn	15 37 00.0 0.0
P10A	Eureka baz=9.2	9.04	112	UP	Pn	15 37 00.8 -1.1
U05C	Westside ANR, baz=9.5	9.09	140	UP	Pn	15 37 01.5 +0.7
K12A	Draper Farm, C baz=9.5	9.13	92	UP	Pn	15 37 01.9 +0.6
L12A	House Creek Ra baz=9.5	9.15	95	UP	Pn	15 37 02.6 +1.1
S08C	White Mtn Res baz=9.3	9.23	128	UP	Pn	15 37 02.4 -0.2
A11A	Hall Mountain, baz=9.8,SNR=8.6	9.30	51	UP	Pn	15 37 04.2 +0.6
O11A	Cooty Ranch, baz=9.6	9.36	108	UP	Pn	15 37 04.2 -0.1
HELL	Mitchell Peak, baz=9.4	9.36	135	UP	Pn	15 37 06.1 +1.6
HLID	Hailey comp=Z,11nm,1.0s	9.37	86	ePn	Pn	15 37 05.4 +0.8
HLID	Hailey comp=Z,11nm,1.0s	9.37	86	UP	Pn	15 37 05.4 +0.9
R09A	Tonopah baz=9.5	9.41	121	UP	Pn	15 37 05.0 0.0
M12A	Wells baz=9.7	9.41	99	UP	Pn	15 37 06.1 +0.9
H13A	Challis baz=9.9	9.46	79	UP	Pn	15 37 06.6 +0.8
G13A	Cobalt baz=9.9	9.50	76	UP	Pn	15 37 06.8 +0.1
N12A	Clover Valley, baz=9.8	9.51	102	UP	Pn	15 37 06.9 +0.5
B12A	Libby baz=10.0	9.51	55	UP	Pn	15 37 07.1 +0.6
F13A	Darby baz=10.0	9.51	72	UP	Pn	15 37 06.5 -0.1
RCTC	Reactor, Farmer baz=9.5	9.54	137	UP	Pn	15 37 07.4 +0.5
J13A	Cove Ranch, Pi baz=9.9	9.56	87	UP	Pn	15 37 06.5 -0.7
I13A	Wildhorse Cree baz=9.9	9.56	83	UP	Pn	15 37 07.9 +0.7
S09A	Goldfield baz=9.7	9.64	124	UP	Pn	15 37 08.2 0.0
A12A	Yaak River Ran baz=10	9.69	52	UP	Pn	15 37 08.8 -0.2
D13A	Hudson baz=10	9.72	64	UP	Pn	15 37 07.7 -1.6
K13A	Stover Farm, H baz=10	9.72	91	UP	Pn	15 37 10.6 +1.2
E13A	Victor baz=10,SNR=5.5	9.73	68	UP	Pn	15 37 09.2 -0.3
C13A	Hot Springs baz=10	9.83	61	UP	Pn	







BTRR	Keskin Array B	14.48 68	Pn	Pn	17 15 21.4	-0.6
BTRR	Keskin Array B	14.48 68	Pn	Pn	17 15 21.5	-0.6
MMAI	Mount Meron Ar	16.15 94	Pn	Pn	17 15 37.6	-6.5
MMAI	Mount Meron Ar	16.15 94	Pn	Pn	17 15 37.6	-6.5
EIL	Elat	16.93 105	Pn	Pn	17 15 48.2	-5.8
EIL	Elat	16.93 105	Pn	Pn	17 15 48.2	-5.8
EIL	Elat	16.93 105	Pn	Pn	17 15 48.2	-5.8
EIL	Elat	16.93 105	Pn	Pn	17 15 48.2	-5.8
ASF	Jabal al Asfar	17.59 95	Sx	Sx	17 18 56.1	
AKASG	Malin Array Be	17.83 28	Pn	Pn	17 16 05.1	-0.1
AKASG	Malin Array Be	17.83 28	Pn	Pn	17 16 05.1	-0.1
HFS	Hagfors	24.60 357	P	P	17 17 16.0	-0.9
TORD	Torodi Ar. Bea	25.86 214	P	P	17 17 20.6	-8.2
FINES	FINESS Array B	26.64 11	P	P	17 17 35.5	+0.1
MKAR	Makanchi Array	64.92 48	P	P	17 20 47.8	-0.9
ZALV	Zalesovo Beam	50.04 46	P	P	17 20 50.4	-1.0
SONM	Songino Array	64.92 48	P	P	17 22 35.0	-0.7
YKA	Yellowknife Ar	74.55 339	P	P	17 23 34.9	-0.5
YKA	Yellowknife Ar	74.55 339	P	P	17 23 34.9	-0.5
YKA	Yellowknife Ar	74.55 339	P	P	17 23 34.9	-0.5

ISCJB 11 17:27:48.7±0.2, 2.4455±0.04, 672W, 0.1, h168km, 15km, mb3.6/2, Error ellipse: s-maj=15.9km s-min=6.9km az=2.6  
 IDC 11 17:27:48.7±1.1, 2.4435±0.0703W, h143km, 16km, mb3.3/2, mb1 3.6/4, mb1mx3.4/16, mbtmp3.4/4, Error ellipse: s-maj=33.1km s-min=14.7km az=91.0  
 NEIC 11 17:27:49.2±0.2, 2.4475±0.0706W, h151km, 10km, MG3.8(GUC), Error ellipse: s-maj=16.7km s-min=9.0km az=107.0  
 GUC 11 17:27:52.6±0.5, 2.4475±0.0706W, h190km, ML3.8  
 ISC 11 17:27:49.0±0.2, 2.4445±0.04, 671W, 0.10, h154km, 15km, n16, c111/21, mb3.6/2, 2C-2D, Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
CPN1	Cerro Paranai	2.97 266	Op	ISC	17 28 38.0	+1.5
CPN1	Cerro Paranai	2.97 266	Op	h m s	17 29 12.9	+0.1
CEN1	Los Morros	2.98 290	Op	ISC	17 28 38.7	+2.0
CEN1	Los Morros	2.98 290	Op	h m s	17 29 13.3	+0.2
CEN1	Los Morros	2.98 290	Op	AML	17 29 15.2	
ANCH	Antofagasta	3.08 284	Op	ISC	17 28 38.9	+1.1
ANCH	Antofagasta	3.08 284	Op	h m s	17 29 13.5	-1.7
ANCH	Antofagasta	3.08 284	Op	ISC	17 28 38.9	+1.1
ANCH	Antofagasta	3.08 284	Op	h m s	17 29 13.5	-1.7
ANCH	Antofagasta	3.08 284	Op	AML	17 29 15.6	
CPCH	Copiapó	4.09 224	Op	ISC	17 29 39.0	+0.3
CDCH	Caldera	4.23 231	Op	ISC	17 28 54.2	-0.2
CDCH	Caldera	4.23 231	Op	h m s	17 29 39.5	-2.4
LCO	Las Campanas	5.55 214	Op	ISC	17 29 10.1	+0.1
CFAA	Coronel Fontan	7.20 187	Op	ISC	17 29 32.3	+0.3
CFAA	Coronel Fontan	7.20 187	Op	h m s	17 30 52.3	-0.3
LPAZ	La Paz	8.17 353	Op	ISC	17 29 45.7	+0.7
LPAZ	La Paz	8.17 353	Op	h m s	17 31 14.2	-1.8
LPAZ	La Paz	8.17 353	Op	ISC	17 29 45.8	+0.8
LPAZ	La Paz	8.17 353	Op	h m s	17 31 14.2	-1.8
SIV	San Ignacio	10.16 35	Op	ISC	17 30 11.3	-0.1
SIV	San Ignacio	10.16 35	Op	h m s	17 30 11.3	-0.1
TXAR	Lajitas Array	63.96 325	Op	ISC	17 38 07.1	+0.9
TXAR	Lajitas Array	63.96 325	Op	h m s	17 39 23.6	-1.2
TORD	Torodi Ar. Bea	76.85 69	Op	ISC	17 47 14.2	+0.6
MK31	Makanchi Array	146.95 40	Op	PKPbc	17 47 14.3	+0.7
MKAR	Makanchi Array	146.95 40	Op	PKPbc	17 47 14.3	+0.7
MKAR	Makanchi Array	146.95 40	Op	PKPbc	17 47 14.3	+0.7

NSSC 11 17:51:39.3, 3858N-3929E, h6km, 8km  
 BUI 11 17:51:40.8, 3819N-3941E, h8km, mb5.3, mb4.4  
 ISK 11 17:51:40.3, 3843N-3914E, h5km, MD4.2, ML4.4  
 CSEM 11 17:51:40.4±0.0, 3839N±39.18E, h2km, mb4.4/14, Error ellipse: s-maj=1.3km s-min=1.0km az=168.0  
 TIF 11 17:51:41.0, 3845N-3913E, h12km, 2km  
 MOS 11 17:51:41.8±1.0, 3824N±39.34E, h11km, mb4.4/16, Error ellipse: s-maj=7.3km s-min=5.9km az=128.1  
 IDC 11 17:51:41.4±0.7, 3834N±39.21E, h0km, mb3.9/11, mb1 3.9/19, mb1mx3.8/27, mbtmp3.8/19, ML3.6/8, MS3.4/8, MS1 3.4/8, ms1mx3.2/34, Error ellipse: s-maj=14.3km s-min=11.7km az=151.0  
 ISCJB 11 17:51:42.1±0.2, 3838N±0.02±3920E±0.02, h10km, mb4.1/29, MS3.9/2, Error ellipse: s-maj=2.4km s-min=1.9km az=142.0  
 NEIC 11 17:51:43.2±0.5, 3828N±39.27E, h10km, mb4.4/14, ML4.3/15K, Error ellipse: s-maj=9.4km s-min=6.3km az=175.0  
 DDA 11 17:51:43.1, 3833N±39.18E, h30km, 2km, Md3.9  
 ISC 11 17:51:43.0±0.2, 3835N±0.02±3921E±0.02, h10km, n258, c1825/296, mb4.1/29, MS3.9/2, 9C-33D, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ELZG	Elazig	0.23 310	Op	ISC	17 51 45.2	-3.1
ELZG	Elazig	0.23 310	Op	h m s	17 51 52.5	+3.8
PTK	Pertek	0.56 15	Op	ISC	17 51 50.0	-3.5
PTK	Pertek	0.56 15	Op	h m s	17 51 59.1	-2.6
PTK	Pertek	0.56 15	Op	ISC	17 51 50.0	-3.5
PTK	Pertek	0.56 15	Op	h m s	17 51 59.1	-2.6
MALT	Malatya	0.62 267	Op	ISC	17 51 52.7	-3.4
MALT	Malatya	0.62 267	Op	h m s	17 51 52.7	-3.4
MALT	Malatya	0.62 267	Op	ISC	17 52 02.0	-1.5
MALT	Malatya	0.62 267	Op	h m s	17 51 52.7	-3.4
MALT	Malatya	0.62 267	Op	ISC	17 52 02.0	-1.5
MALT	Malatya	0.62 267	Op	h m s	17 52 02.0	-1.5
MALT	Malatya	0.62 267	Op	ISC	17 52 02.0	-1.5
MALT	Malatya	0.62 267	Op	h m s	17 52 02.0	-1.5
MYA	Malatya	0.62 268	Op	ISC	17 51 52.8	-2.6
MYA	Malatya	0.62 268	Op	h m s	17 51 52.8	-2.6
DIY	Diyarbakir	0.62 119	Op	ISC	17 52 01.1	-0.1
DIY	Diyarbakir	0.62 119	Op	h m s	17 52 01.2	-2.3
URFA	Urfa	0.96 199	Op	ISC	17 52 01.5	-0.5
URFA	Urfa	0.96 199	Op	h m s	17 52 01.5	-0.5
BINT	Bingol	1.13 62	Op	ISC	17 52 02.9	-2.5
BINT	Bingol	1.13 62	Op	h m s	17 52 02.9	-2.5
ATAB	Bozova	1.14 220	Op	ISC	17 52 04.3	-1.0
ATAB	Bozova	1.14 220	Op	h m s	17 52 04.3	-1.0
EZC	Ezincan	1.47 19	Op	ISC	17 52 06.1	-4.0
MARD	Mardin	1.62 129	Op	ISC	17 52 11.1	-0.9
MARD	Mardin	1.62 129	Op	h m s	17 52 35.0	+2.0
BNGL	BINGOL	1.63 68	Op	ISC	17 52 12.5	+0.2
BNGL	BINGOL	1.63 68	Op	h m s	17 52 36.7	+3.4
KBSD	Kabsdagh	1.71 141	Op	ISC	17 52 36.6	+1.3
KBSD	Kabsdagh	1.71 141	Op	h m s	17 52 12.2	-1.2
KBSD	Kabsdagh	1.71 141	Op	ISC	17 52 36.6	+1.3
KBSD	Kabsdagh	1.71 141	Op	h m s	17 52 12.2	-1.2
BTMT	Batman	1.80 94	Op	ISC	17 52 13.4	-1.2
GAZ	Gaziantep	1.92 234	Op	ISC	17 52 15.8	-1.1
GAZ	Gaziantep	1.92 234	Op	h m s	17 52 15.8	-1.1
SNV	Sufian	2.06 159	Op	ISC	17 52 16.9	-1.2
SNV	Sufian	2.06 159	Op	h m s	17 52 45.7	+1.8
SNV	Sufian	2.06 159	Op	ISC	17 52 16.9	-1.2
SNV	Sufian	2.06 159	Op	h m s	17 52 45.7	+1.8

GUMT	Gumushane	2.12 6	Op	ISC	17 52 18.2	-0.7
GUMT	Gumushane	2.12 6	Op	h m s	17 52 18.2	-0.7
EZM	Erzurum	2.28 47	Op	ISC	17 52 21.0	0.0
EZM	Erzurum	2.28 47	Op	h m s	17 52 21.0	0.0
SLMH	AI Salmeh	2.37 206	Op	ISC	17 52 21.8	+0.6
SLMH	AI Salmeh	2.37 206	Op	h m s	17 52 21.8	+0.6
SLMH	AI Salmeh	2.37 206	Op	ISC	17 52 21.8	+0.6
SLMH	AI Salmeh	2.37 206	Op	h m s	17 52 21.8	+0.6
KSRV	Kasrt ali	2.49 184	Op	ISC	17 52 20.0	+0.8
MACK	Trabzon	2.62 9	Op	ISC	17 52 26.1	+0.2
MACK	Trabzon	2.62 9	Op	h m s	17 53 03.5	+0.7
DRWC	Darouich	2.66 230	Op	ISC	17 53 00.8	+2.1
DRWC	Darouich	2.66 230	Op	h m s	17 52 25.0	-1.4
DRWC	Darouich	2.66 230	Op	ISC	17 53 00.8	+2.1
DRWC	Darouich	2.66 230	Op	h m s	17 52 25.0	-1.4
GRSN	GIREUNGRSN	2.67 344	Op	ISC	17 52 26.7	+0.1
GRSN	GIREUNGRSN	2.67 344	Op	h m s	17 53 06.7	-2.5
BNN	Bunyan	2.68 282	Op	ISC	17 52 25.3	-1.4
BNN	Bunyan	2.68 282	Op	h m s	17 52 25.3	-1.4
BNN	Bunyan	2.68 282	Op	ISC	17 52 25.3	-1.4
BNN	Bunyan	2.68 282	Op	h m s	17 52 25.3	-1.4
SIRT	Sirnak	2.69 107	Op	ISC	17 52 27.1	+0.3
SIRT	Sirnak	2.69 107	Op	h m s	17 52 27.1	+0.3
MZRK	AI-Mazaregh	2.77 155	Op	ISC	17 52 26.6	-1.3
MZRK	AI-Mazaregh	2.77 155	Op	h m s	17 53 03.0	+1.6
MZRK	AI-Mazaregh	2.77 155	Op	ISC	17 52 26.6	-1.3
MZRK	AI-Mazaregh	2.77 155	Op	h m s	17 53 03.0	+1.6
KOZT	Kozan	2.81 253	Op	ISC	17 52 27.6	-1.4
KOZT	Kozan	2.81 253	Op	h m s	17 52 27.6	-1.4
KOZT	Kozan	2.81 253	Op	ISC	17 52 27.6	-1.4
KOZT	Kozan	2.81 253	Op	h m s	17 52 27.6	-1.4
COBT	COBT	2.89 233	Op	ISC	17 53 03.1	+1.1
COBT	COBT	2.89 233	Op	h m s	17 53 03.1	+1.1
TUTA	Tutak	3.00 68	Op	ISC	17 52 31.0	-0.1
TUTA	Tutak	3.00 68	Op	h m s	17 53 15.2	+4.7
CEVT	Ceyhan	3.06 245	Op	ISC	17 52 31.8	0.0
CEVT	Ceyhan	3.06 245	Op	h m s	17 52 31.8	0.0
CEVT	Ceyhan	3.06 245	Op	ISC	17 52 31.8	0.0
CEVT	Ceyhan	3.06 245	Op	h m s	17 52 31.8	0.0
BTCH	Batrach	3.19 224	Op	ISC	17 53 15.1	+3.5
BTCH	Batrach	3.19 224	Op	h m s	17 52 32.7	-0.9
BTCH	Batrach	3.19 224	Op	ISC	17 53 15.1	+3.5
BTCH	Batrach	3.19 224	Op	h m s	17 52 32.7	-0.9
AGRB	Hanur-Agry	3.19 66	Op	ISC	17 53 33.4	-0.4
AGRB	Hanur-Agry	3.19 66	Op	h m s	17 52 37.9	+0.4
AGRB	Hanur-Agry	3.19 66	Op	ISC	17 53 33.4	-0.4
AGRB	Hanur-Agry	3.19 66	Op	h m s	17 52 37.9	+0.4
YURE	YUREGIR	3.22 243	Op	ISC	17 52 34.0	-0.2
YURE	YUREGIR	3.22 243	Op	h m s	17 53 25.9	-1.1
YURE	YUREGIR	3.22 243	Op	ISC	17 52 34.0	-0.2
YURE	YUREGIR	3.22 243	Op	h m s	17 53 25.9	-1.1
VANT	Van	3.29 87	Op	ISC	17 52 35.4	-1.1
VANT	Van	3.29 87	Op	h m s	17 52 35.4	-1.1
VANT	Van	3.29 87	Op	ISC	17 52 35.4	-1.1
VANT	Van	3.29 87	Op	h m s	17 52 35.4	-1.1
YOZ	Yozgat	3.29 294	Op	ISC	17 52 34.8	+0.3
YOZ	Yozgat	3.29 294	Op	h m s	17 52 34.8	+0.3
YOZ	Yozgat	3.29 294	Op	ISC	17 52 34.8	+0.3
YOZ	Yozgat	3.29 294	Op	h m s	17 52 34.8	+0.3
TYAN	Hayat	3.30 86	Op	ISC	17 52 35.6	+0.4
TYAN	Hayat	3.30 86	Op	h m s	17 52 34.8	+0.5
TYAN	Hayat	3.30 86	Op	ISC	17 52 35.6	+0.4
TYAN	Hayat	3.30 86	Op	h m s	17 52 34.8	+0.5
HTY	Hatay	3.31 229	Op	ISC	17 52 34.8	-0.5
HTY	Hatay	3.31 229	Op	h m s	17 52 34.8	-0.5
HTY	Hatay	3.31 229	Op	ISC	17 52 34.8	-0.5
HTY	Hatay	3.31 229	Op	h m s	17 52 34.8	-0.5
AVNT	Avonos	3.44 278	Op	ISC	17 53 31.4	+2.5
AVNT	Avonos	3.44 278	Op	h m s	17 52 37.5	0.0









FINES	FINES Array B	60.66 336	i P	P	21 13 01.3 -0.3
FINES	comp=Z,6.0nm,0.8s				
FINES	FINES Array B	60.66 336	i P	P	21 13 01.4 -0.2
FINES	comp=Z,6.3nm,0.8s,mb4.6				
SMCO	Snowmass	62.50 61	eP	P	21 13 14.2 -0.2
SMCO	comp=Z,4.5nm,0.8s,mb4.5				
SMCO					
ISCO	Idaho Springs	62.78 60	eP	P	21 13 16.6 +0.4
ISCO	comp=Z,6.9nm,0.9s,mb4.6				
ISCO					
ISCO	Idaho Springs	62.78 60	eP	P	21 13 16.6 +0.4
ISCO	comp=Z,6.9nm,0.9s,mb4.6				
MVCO	Mesa Verde	63.09 63	eP	P	21 13 18.4 0.0
MVCO	comp=Z,3.4nm,0.8s,mb4.3				
MVCO					
MVCO	Borgarnes	63.39 0	eP	P	21 13 55.5 0.0
MVCO	comp=Z,3.4nm,0.8s,mb4.3				
NB2	NORSAR Subarra	64.20 343	i P	P	21 13 25.1 -0.1
NB2	comp=Z,2.5nm,0.6s,mb5.2,baz=22,slow=6.9				
NOA	NORSAR Array B	64.20 343	i P	P	21 13 25.1 -0.1
NOA	comp=Z,2.4nm,0.6s				
NOA	NORSAR Array B	64.20 343	i P	P	21 13 25.1 -0.1
NOA	comp=Z,2.4nm,0.6s,mb5.2,baz=21,slow=6.6,SNR=103				
ECSO	EROS, Sioux Fal	64.43 51	eP	P	21 13 25.9 -1.1
ECSO	comp=Z,2.5nm,1.0s,mb4.7				
NAO01	NORSAR Array S	64.44 343	eP	P	21 13 26.8 0.0
NAO01	comp=Z,7.0nm,0.6s,mb4.4				
NAO01					
NAO01	Albuquerque	65.87 64	eP	P	21 13 46.2 +1.4
NAO01	comp=Z,2.1nm,0.8s,mb4.0				
ANMO	Albuquerque	65.87 64	eP	P	21 13 46.2 +1.4
ANMO	comp=Z,2.1nm,0.8s,mb4.0				
SCHO	Schefferville	66.77 27	eP	P	21 13 59.2 -0.8
SCHO	comp=Z,2.6nm,0.7s,mb4.6,baz=354,slow=7.8,SNR=19				
SCIA	State Center	67.44 50	eP	P	21 13 45.9 -0.5
SCIA	comp=Z,1.5nm,0.6s,mb5.0				
SCIA					
AKASG	Malin Array B	69.01 328	i P	P	21 13 55.2 -0.8
AKASG	comp=Z,5.0nm,0.5s				
AKASG	Malin Array B	69.01 328	i P	P	21 13 55.2 -0.8
AKASG	comp=Z,5.0nm,0.5s,mb4.6,baz=30,slow=6.2,SNR=25				
AKBB	Malin Array Si	69.01 328	i P	P	21 13 55.2 -0.8
AKBB	comp=Z,5.0nm,0.5s,mb4.6,baz=30,slow=6.2,SNR=25				
KIEV	Kiev	69.02 328	eP	P	21 13 55.2 -0.8
KIEV	comp=Z,1.0nm,0.8s,mb4.7				
KIEV					
KIEV	Kiev	69.02 328	eP	P	21 13 55.2 -0.8
KIEV	comp=Z,1.0nm,0.8s,mb4.7				
KIV	Kislovodsk	69.60 316	eP	P	21 13 59.6 -0.2
KIV	comp=Z,1.0nm,0.8s,mb4.7				
KIV					
KIV	Kislovodsk	69.60 316	eP	P	21 13 59.6 -0.2
KIV	comp=Z,1.0nm,0.8s,mb4.7				
LTV	L'vov	71.39 331	eP	P	21 14 10.1 -0.5
LTV	comp=Z,1.1nm,0.8s,mb4.7				
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65 66	eP	P	21 14 12.4 -0.1
LTX	comp=Z,1.1nm,0.8s,mb4.7				
LTX					
LTX	Lajitas	71.65			

Table with columns for station code, name, frequency, and other details. Includes stations like GSPH, DAV, DMPH, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like GYA, ENH, CM31, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like GTA, XA, etc.



2007 FEB

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LSA Lhasa, AAK Ala-Archa, EKS2 Erkin-Say, etc.

2007 FEB

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VTS Vitosh, WBR2 Warramunga Arr, WRA Warramunga Arr, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEX 11 21:52:43.0, IDC 11 22:17:40.8, IDC 11 22:50:52.3, etc.

NIC 12 00:43:42.3, 0.1, 3447N, 3207E, h25km, ML3.4, MW3.3  
NEIC 12 00:43:42.3, 3447N, 3207E, h25km, ML3.4 (NIC), After  
NIC

HLW 12 00:43:43.5, 3449N, 3214E, h33km, Mb3.5  
ISC 12 00:43:42.6-0.8, 3451N, 3212E, h04, h23km, 8km, n40,  
o#078/54, mb3.5/1, 8C-1D, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like PAPHOS, AKAMAS, SOUNI-ZANAJA, etc.

NEIC 12 01:06:33.8, 3742S, 17727E, h5km, ML4.0 (WEL), After  
WEL

WEL 12 01:06:33.8-0.2, 3742S, 17727E, h5km, ML3.9/10, 2D,  
Error ellipse: s-maj=1.7km s-min=1.6km az=90.0, Off  
east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like WIZ, MARZ, EDJR, etc.

WEL 12 01:14:11.0, 0.1, 3757S, 17726E, h5km, ML3.7/6, Error  
ellipse: s-maj=1.1km s-min=1.0km az=90.0, Off east  
coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like WIZ, MARZ, URZ, etc.

MAN 12 01:23:44, 1907N, 12024E, h31km, mb4.5, ML3.3  
ISCJB 12 01:23:44.0-8, 190N, 02, 1205E, h02, h33km, mb3.4/4,  
Error ellipse: s-maj=38.8km s-min=7.1km az=142.7

ISC 12 01:23:49.0-3.5, 1888N, 11946E, h0km, mb3.6/5,  
mb1 3.7/5, mb1mx3.5/19, mbtmp3.6/5, Error ellipse:  
s-maj=99.3km s-min=58.3km az=27.0

ISC 12 01:23:50.2-0.8, 190N, 01, 1207E, h02, h35km, n9, o#093/10,  
mb3.4/4, 1C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like APY, SGP, CVP.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like CVP, CAUP, SONM, MKAR.

IDC 12 01:24:21.0, 1.6, 092N, 12613E, h0km, mb4.1/4, mb1 4.3/4,  
mb1mx3.8/17, mbtmp4.1/14, Error ellipse: s-maj=157.1km  
s-min=22.0km az=64.0

NEIC 12 01:24:22.4-0.7, 091N, 12612E, h10km, mb4.2/3, Error  
ellipse: s-maj=23.8km s-min=9.8km az=56.0

ISCJB 12 01:24:23.7, 1.0, 09N, 01, 1261E, h02, h33km, mb4.3/5,  
Error ellipse: s-maj=30.1km s-min=12.6km az=145.2

ISC 12 01:24:26.2-1.0, 08N, 01, 1260E, h02, h35km, n13, o#081/11,  
mb4.3/5, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like KSM, FITZ, WRA, WB2, ASAR, etc.

IDC 12 01:36:50.8-0.9, 916S, 12418E, h0km, mb4.0/6, mb1 4.2/9,  
mb1mx3.1/16, mbtmp4.1/19, ML4.3/3, MS3.3/1, Ms1 3.3/1,  
ms1mx2.5/31, Error ellipse: s-maj=58.0km s-min=18.5km  
az=66.0

ISCJB 12 01:36:53.4-0.6, 919S, 008-12443E, h09, h33km, mb4.0/6,  
Error ellipse: s-maj=14.4km s-min=8.0km az=141.2

NEIC 12 01:36:55.9-0.6, 920S, 12430E, h35km, Error ellipse:  
s-maj=20.2km s-min=10.2km az=64.0

ISC 12 01:36:55.8-0.6, 918S, 008-12439E, h09, h35km, n20,  
o#094/23, mb4.0/6, Timor region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like KAKA, FITZ, WRA, WB2, ASAR, etc.

BUI 12 02:08:48.0, 546S, 14571E, h35km, mb5.3, mb5.8, MS5.4,  
MS2.5

MOS 12 02:08:54.1, 1.0, 493S, 14491E, h33km, mb5.6/4/1,  
MS5.4/26, Error ellipse: s-maj=9.3km s-min=5.3km

ISCJB 12 02:08:54.2-0.7, 501S, 002-14503E, h03, h39km, 5km,  
mb5.6/119, MS5.4/208, Error ellipse: s-maj=5.0km  
s-min=3.8km az=170.5

GCMT 12 02:08:55.2-0.1, 503S, 14499E, h68km, MW5.9/108,  
Moment Tensor Solution. s108,c210; s105,c302;  
Duration: 2s1 Moment tensor: Scale 1017Nm;  
Mn: 7.25e-07; Mo: 5.39e-06; Mb: 1.85e-07; Mw: 0.45e-05;  
Ms: 3.72e-05; Mv: 0.26e-06; Best double couple:  
Mv: 51300x1017 NP1, 122, 000000; 843, 000000;  
190, 000000; NP2: 302, 000000; 847, 000000;  
190, 000000;  
Principal axes: T: 7.260; P188, 0000; Azm207, 0000; N:  
0.5000; P160, 0000; Azm302, 0000; P: 7.750; P162, 0000;  
Azm32, 0000; nsta1 refers to body waves, cutoff=40s.  
nsta2 refers to surface/mantle waves, cutoff=50s.

IDC 12 02:08:55.3-2.2, 506S, 14487E, h34km, mb5.3/17,  
mb1 5.2/21, mb1mx5.5/22, mbtmp5.4/21, ML5.4/4, MS5.2/14,  
Ms1 5.2/14, ms1mx5.0/18 Error ellipse: s-maj=12.0km  
s-min=7.5km az=104.0

NEIC 12 02:08:56.0-0.1, 500S, 14498E, h42km, mb5.7/60, ME5.3,  
MS5.5/175, MW5.8, Error ellipse: s-maj=5.0km  
s-min=3.8km az=78.0 Broadband fault plane solution: P  
waves: NP1: 310, 000000; 840, 000000; 190, 000000;  
NP2: 130, 000000; 840, 000000; 190, 000000; Principal  
axes: T: P185, 0000; Azm40, 0000; N: P160, 0000;  
Azm0, 0000; P: P165, 0000; Azm220, 0000; Moment  
Tensor Solution. s33 Moment tensor: Scale 1017 Nm;  
Mn: 6.40; Mo: -2.89; Ms: -3.52; Mw: 0.09; Mb: 3.37; Mv: -0.91;  
Best double couple: Mo: 60000x1017 NP1, 313, 000000;  
197, 000000; 843, 000000; NP2: 143, 000000; 848, 000000;  
197, 000000; Principal axes: T: 7.490; P184, 0000;  
Azm105, 0000; N: 0.1400; P165, 0000; Azm318, 0000; P:  
-6.6300; P163, 0000; Azm228, 0000; Depth from  
synthetic of broadband displacement seismograms.

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like PMG, Port Moresby.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like PMG, Port Moresby, COEN, etc.

IDC 12 01:24:21.0, 1.6, 092N, 12613E, h0km, mb4.1/4, mb1 4.3/4,  
mb1mx3.8/17, mbtmp4.1/14, Error ellipse: s-maj=157.1km  
s-min=22.0km az=64.0

NEIC 12 01:24:22.4-0.7, 091N, 12612E, h10km, mb4.2/3, Error  
ellipse: s-maj=23.8km s-min=9.8km az=56.0

ISCJB 12 01:24:23.7, 1.0, 09N, 01, 1261E, h02, h33km, mb4.3/5,  
Error ellipse: s-maj=30.1km s-min=12.6km az=145.2

ISC 12 01:24:26.2-1.0, 08N, 01, 1260E, h02, h35km, n13, o#081/11,  
mb4.3/5, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like KSM, FITZ, WRA, WB2, ASAR, etc.

IDC 12 01:36:50.8-0.9, 916S, 12418E, h0km, mb4.0/6, mb1 4.2/9,  
mb1mx3.1/16, mbtmp4.1/19, ML4.3/3, MS3.3/1, Ms1 3.3/1,  
ms1mx2.5/31, Error ellipse: s-maj=58.0km s-min=18.5km  
az=66.0

ISCJB 12 01:36:53.4-0.6, 919S, 008-12443E, h09, h33km, mb4.0/6,  
Error ellipse: s-maj=14.4km s-min=8.0km az=141.2

NEIC 12 01:36:55.9-0.6, 920S, 12430E, h35km, Error ellipse:  
s-maj=20.2km s-min=10.2km az=64.0

ISC 12 01:36:55.8-0.6, 918S, 008-12439E, h09, h35km, n20,  
o#094/23, mb4.0/6, Timor region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like KAKA, FITZ, WRA, WB2, ASAR, etc.

BUI 12 02:08:48.0, 546S, 14571E, h35km, mb5.3, mb5.8, MS5.4,  
MS2.5

MOS 12 02:08:54.1, 1.0, 493S, 14491E, h33km, mb5.6/4/1,  
MS5.4/26, Error ellipse: s-maj=9.3km s-min=5.3km

ISCJB 12 02:08:54.2-0.7, 501S, 002-14503E, h03, h39km, 5km,  
mb5.6/119, MS5.4/208, Error ellipse: s-maj=5.0km  
s-min=3.8km az=170.5

GCMT 12 02:08:55.2-0.1, 503S, 14499E, h68km, MW5.9/108,  
Moment Tensor Solution. s108,c210; s105,c302;  
Duration: 2s1 Moment tensor: Scale 1017Nm;  
Mn: 7.25e-07; Mo: 5.39e-06; Mb: 1.85e-07; Mw: 0.45e-05;  
Ms: 3.72e-05; Mv: 0.26e-06; Best double couple:  
Mv: 51300x1017 NP1, 122, 000000; 843, 000000;  
190, 000000; NP2: 302, 000000; 847, 000000;  
190, 000000;  
Principal axes: T: 7.260; P188, 0000; Azm207, 0000; N:  
0.5000; P160, 0000; Azm302, 0000; P: 7.750; P162, 0000;  
Azm32, 0000; nsta1 refers to body waves, cutoff=40s.  
nsta2 refers to surface/mantle waves, cutoff=50s.

IDC 12 02:08:55.3-2.2, 506S, 14487E, h34km, mb5.3/17,  
mb1 5.2/21, mb1mx5.5/22, mbtmp5.4/21, ML5.4/4, MS5.2/14,  
Ms1 5.2/14, ms1mx5.0/18 Error ellipse: s-maj=12.0km  
s-min=7.5km az=104.0

NEIC 12 02:08:56.0-0.1, 500S, 14498E, h42km, mb5.7/60, ME5.3,  
MS5.5/175, MW5.8, Error ellipse: s-maj=5.0km  
s-min=3.8km az=78.0 Broadband fault plane solution: P  
waves: NP1: 310, 000000; 840, 000000; 190, 000000;  
NP2: 130, 000000; 840, 000000; 190, 000000; Principal  
axes: T: P185, 0000; Azm40, 0000; N: P160, 0000;  
Azm0, 0000; P: P165, 0000; Azm220, 0000; Moment  
Tensor Solution. s33 Moment tensor: Scale 1017 Nm;  
Mn: 6.40; Mo: -2.89; Ms: -3.52; Mw: 0.09; Mb: 3.37; Mv: -0.91;  
Best double couple: Mo: 60000x1017 NP1, 313, 000000;  
197, 000000; 843, 000000; NP2: 143, 000000; 848, 000000;  
197, 000000; Principal axes: T: 7.490; P184, 0000;  
Azm105, 0000; N: 0.1400; P165, 0000; Azm318, 0000; P:  
-6.6300; P163, 0000; Azm228, 0000; Depth from  
synthetic of broadband displacement seismograms.

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

NEIC 12 02:08:57.8-0.6, 505S, 002-14502E, h03, h55km, 5km,  
h4km, mb4.3km, pp-P, n739, o#104/348, mb5.6/119, MS5.4/208,  
64C-30D, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like PMG, Port Moresby, SKM, etc.















12d 4h

Table with columns: LPGA, La Plage, 89.65 321 eP, P, 02 55 10.8 -1.6, BOZ Bozeman (W) 93.03 36 P, P, 02 55 28.2 +0.2, etc.

2007 FEB

Table with columns: BOZ Bozeman (W) 93.03 36 P, P, 02 55 28.2 +0.2, J13A Cove Ranch, Pi 93.10 39 P, P, 02 55 29.4 +1.0, etc.

370

Table with columns: ellipse: s-maj=9.4km s-min=5.4km az=90.0, Off east coast of North Island, Code Station Name, A° AZ', Phase ID, Time Res, etc.

CASC 12 03:55:07.8:27.0, 844N-8429W, h4km, MD3.5, 2D, Off

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

NEIC 12 03:56:41.1:1.2, 500S:144.90E, h35km, Error ellipse: s-maj=21.7km s-min=15.2km az=81.0, etc.

ISC 12 03:56:45.1:5.6, 525S:145.17E, h85km, 61km, mb3.7/5, mb1 3.9/7, mb1mx3.7/15, mbrmp3.8/7, ML3.7/2, MS3.3/2, etc.

ISC 03:55:44.4:2.6, 525S:01:145E.01, h74km, 26km, n11, c081/13, mb3.8/5, Eastern New Guinea region

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

ISCJB 12 04:20:13.6:1.3, 6772N:004:337E.02, h0km, Error ellipse: s-maj=10.7km s-min=5.3km az=176.0, etc.

HEL 12 04:20:14.9:0.2, 6770N:3379E, h0km, ML2.4, ML2.3(BER), ML2.6(NAO), Explosion

NAO 12 04:20:14.7:1.2, 6768N:3382E, ML2.6, mb1mx3.0/23, mbrmp3.1/4, ML2.8/4, Error ellipse: s-maj=27.0km s-min=9.0km az=71.0, etc.

ISC 12 04:20:15.2:1.0, 6774N:003:336E.02, h0km, n35, c132/65, Baltic States - Belarus - Northwestern Russia

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

WEL 12 03:41:50.2:0.8, 3671S:17934E, h12km, ML3.7/5, Error









Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CLL Colim, BRG Bergshubel, KECS Kecoovo, TIRR Tirusor, MLR Muntele Rosu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Alice Springs, WB2 Warramunga Arr, MKAR Makanchi Array, etc.

IDC 12 05:26:06.9:2.5, 2003N:14693E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.7/19, mbtmp3.7/6, MS3.4/2, ms1mx2.7/33, Error ellipse: s-maj=104.5km s-min=26.4km az=79.0

NEIC 12 05:12:51.6, 1998N:14679E, h35km, Error ellipse: s-maj=68.9km s-min=14.3km az=82.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, KSR5 Korea Array, WB2 Warramunga Arr, etc.

NIED 12 05:40:00.2450N:1210E, h11km, Mw3.8, Best double couple: M6.50000:1.010, NP1.8:188.00000:8.2400000, 1.64.00000, NP2.0:290.00000:8.80.00000, 1.49.00000

NEIC 12 05:40:21.3:5.7, 2427N:12220E, h10km, Error ellipse: s-maj=53.6km s-min=16.8km az=94.0

ISCJB 12 05:40:26.1:0.8, 2432N:1220E, h13km, Error ellipse: s-maj=11.2km s-min=6.0km az=21.8

JMA 12 05:40:26.7:0.3, 2446N:121.82E, h44km, M4.0

ISC 12 05:40:26.6:0.2, 2436N:121.84E:0.05, h21km, 10km, n10, c047/18,1C, Taiwan

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

IDC 12 06:26:21.5:3.3, 3119S:17936E, h386km, 94km, mb3.0/1, mb1 3.5/1, mb1mx3.9/13, mbtmp4.0/4, ML2.5/1, MS3.5/3, s-min=58.6km az=96.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NWA0 Naroqin (SRO), ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 12 06:32:00.6:3.6, 4979S:11725E, h0km, mb3.8/3, mb1 4.1/4, mb1mx3.9/13, mbtmp4.0/4, ML2.5/1, MS3.5/3, s-min=58.6km az=96.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WEL 12 06:33:49.8:0.2, 4008S:17622E, h34km, 2km, ML3.5/17, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NGZ Ngauruhoe, PKVZ Pokaka, WTVZ West Tongariro, etc.

MOS 12 06:48:59.6:1.7, 4627N:15280E, h33km, mb4.1/1, Error ellipse: s-maj=53.2km s-min=24.5km az=82.5

IDC 12 06:49:00.5:3.5, 4709N:15307E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.5/21, mbtmp3.5/6, Error ellipse: s-maj=101.9km s-min=31.4km az=4.0

ISCJB 12 06:49:13.7:8.0, 473N:0.7, 1530E:0.3, h115km, 45km, mb3.4/6, Error ellipse: s-maj=115.0km s-min=32.2km az=179.4

ISC 12 06:49:12.8:7.7, 471N:0.7, 1530E:0.3, h99km, 44km, n10, c082/10, mb3.4/6, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, MKAR Makanchi Array, YKA Yellowknife Ar, etc.

ISCJB 12 06:50:35.3:0.4, 2692S:008:7550E:0.10, h10km, mb4.5/28, MS4.0/4, Error ellipse: s-maj=12.8km s-min=11.6km az=140.6

IDC 12 06:50:35.5:0.5, 2685S:7547E, h0km, mb4.4/17, mb1 4.4/17, mb1mx4.4/23, mbtmp4.4/17, MS4.0/4, MS1.4/0.4, ms1mx3.5/23, Error ellipse: s-maj=21.2km s-min=14.5km az=23.0

NEIC 12 06:50:36.7:0.4, 2693S:7544E, h10km, mb4.5/7, Error ellipse: s-maj=13.8km s-min=11.8km az=219.0

ISC 12 06:50:37.3:0.4, 2690S:008:7547E:0.10, h10km, n45, c075/33, mb4.5/28, MS4.0/4, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OPO Amohoradrompato, KMBO Kilima Mboogo, KMBO Kilima Mboogo, etc.

ASAR 0.9km, 0.8s, mb4.2, baz=252, slow=2.5, SNR=8.3

WRA 1.4km, 0.9s, mb4.1, baz=255, slow=7.3, SNR=22

WRA 1.2km, 0.9s, baz=251, slow=2.6, SNR=13

WRA 0.2km, 0.9s, baz=251, slow=2.6, SNR=13

WRA 0.2km, 0.9s, baz=251, slow=2.6, SNR=13

WRA 0.2km, 0.9s, baz=251, slow=2.6, SNR=13

WRA 0.2km, 0.9s, baz=251, slow=2.6, SNR=13

WRA 0.2km, 0.9s, baz=251, slow=2.6, SNR=13

WRA 0.2km, 0.9s, baz=251, slow=2.6, SNR=13

WRA 0.2km, 0.9s, baz=251, slow=2.6, SNR=13











Table with columns: WATA, Walderalm, 19.83, 48, Pn, Pn, 10 39 53.8 -0.9, etc. Includes stations like Wattenberg, Rionero Sannit, MIDA, BUG, Gregorio Mates, etc.

Table with columns: BOUS, MOX, Moxa, 21.56, 40, eS, eP, S, P, 10 44 07.7 +0.2, etc. Includes stations like Altamura, Timpagrande, Sglogore (GA), etc.

Table with columns: BRG, Bad Segeberg, 23.02, 32, eS, eP, S, P, 10 44 37.9 +0.9, etc. Includes stations like Jutra, Sopron, Panska Ves, etc.

12d 10h

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

2007 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like VAY, DJENT, KNT, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like NOA, NORSAR Array B, GADA, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes entries for IZAR, KIEV, AKASG, GULST, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes entries for YOZ, KARVA, KAVAK, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes entries for SOC, SOG, SOX, etc.

12d 10h

Table with columns: Call Sign, Frequency, Power, Direction, and other parameters. Includes stations like SCHQ Schefferville, SCHO Schefferville, CUKT Cukurca, etc.

2007 FEB

Table with columns: Call Sign, Frequency, Power, Direction, and other parameters. Includes stations like KBD Kabd, KBD Kabd, LONY Lake Ozonia, etc.

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Table with columns: Call Sign, Frequency, Power, Direction, and other parameters. Includes stations like SDDR, ACSO Alum Creek Sta, ACSO Alum Creek Sta, etc.





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BOZ Bozenan (W), OTAV Otavalo, BOSA Boshof, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like REDW Red Top Meadow, D13A Huson, D13A Drake Creek, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like DAU Daniels Canyon, MCVCO Mesa Verde, JLU Jordanelle, etc.

















12d 12h

Table with columns for station code, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=82, etc.).

2007 FEB

Table with columns for station code, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=82, etc.).

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Table with columns for station code, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=82, etc.).







Table with columns for name, time, and performance metrics. Includes entries like PERS Pernice, KHC Kasperke Hory, BSEGE Bad Segeberg, etc.

Table with columns for name, time, and performance metrics. Includes entries like K07A Rock Creek Ran, B12A Libby, L07A Adel, etc.

Table with columns for name, time, and performance metrics. Includes entries like EKA comp=Z,5.0nm,0.9s, EKA comp=Z,1.0nm,0.8s, etc.





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

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

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

CSEM 12 14:13:25.0, 0.2, 3847N, 39.14E, h8km, MD2.6, Error ellipse: s-maj=5.2km s-min=2.6km az=125.0

ISK 12 14:13:25.3, 3849N-39.10E, h4km, MD2.7

ISCJB 12 14:13:26.0, 0.5, 3844N, 003.3914E, 0.04, h4km, Error ellipse: s-maj=5.3km s-min=3.6km az=151.8

DDA 12 14:13:28.0, 3845N, 39.11E, h6km, 3km, MD2.6

ISC 12 14:13:27.0, 0.5, 3848N, 006.3909E, 0.06, h12km, 7km, n13, c=077/22, Turkey

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

IDC 12 15:53:49.8, 1.7, 2929N, 81.06E, h0km, mb3.8/5, mb1 3.8/6, mb1mx3.5/22, mbtmp3.7/6, Error ellipse: s-maj=52.8km s-min=26.6km az=63.0

NEIC 12 15:53:51.2, 1.1, 2928N, 80.94E, h10km, mb3.6/1, Error ellipse: s-maj=20.7km s-min=10.5km az=224.0

ISCJB 12 15:53:54.0, 4.0, 2937N, 004.8137E, 0.03, h33km, mb3.7/6, Error ellipse: s-maj=6.3km s-min=4.0km az=173.1

NDI 12 15:53:55.3, 3.9, 2940N, 81.31E, h10km, ML3.3

ISC 12 15:53:56.9, 0.4, 2940N, 004.8135E, 0.03, h35km, n25, c=147/35, mb3.7/6, Nepal

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

NIED 12 16:21:00, 33.10N-136.80E, h11km, Mw3.7 Best double couple: M3.85000x10^14 N1.276x10^14 P1.338x10^14

JMA 12 16:21:05.6, 0.1, 33.11N-136.84E, h3km, M3.9

ISC 12 16:21:05.8, 1.2, 33.18N, 136.862E, 0.04, h2km, gkm, n14, c=065/28, 7N, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TK01, TK01, Kozaga, etc.

KISR 12 14:23:05.0, 0.8, 27.17N-53.39E, h3km, 689km, ML3.1

IDC 12 14:23:06.9, 8.6, 27.19N-53.68E, h0km, mb3.6/5, mb1 3.6/5, mb1mx3.4/23, mbtmp3.6/5, Error ellipse: s-maj=161.1km s-min=35.2km az=3.0

CSEM 12 14:23:09.0, 0.1, 27.32N-53.59E, h30km, ML3.6/4, Error ellipse: s-maj=2.5km s-min=2.0km az=24.0

ISCJB 12 14:23:09.5, 1.7, 27.31N, 004.5355E, 0.03, h24km, 16km, mb3.7/6, Error ellipse: s-maj=6.8km s-min=4.7km az=10.5

NEIC 12 14:23:11.0, 0.2, 27.17N-53.67E, h2km, mb3.9/2, MN3.5 (TEH), After TEH.

OMAN 12 14:23:44.8, 25.25N-55.22E, h75km

ISC 12 14:23:10.1, 2.0, 27.31N, 004.5360E, 0.04, h15km, 15km, n44, c=089/53, mb3.7/6, Southern Iran

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

AGRA 12 15:53:49.8, 1.7, 2929N, 81.06E, h0km, mb3.8/5, mb1 3.8/6, mb1mx3.5/22, mbtmp3.7/6, Error ellipse: s-maj=52.8km s-min=26.6km az=63.0

NEIC 12 15:53:51.2, 1.1, 2928N, 80.94E, h10km, mb3.6/1, Error ellipse: s-maj=20.7km s-min=10.5km az=224.0

ISCJB 12 15:53:54.0, 4.0, 2937N, 004.8137E, 0.03, h33km, mb3.7/6, Error ellipse: s-maj=6.3km s-min=4.0km az=173.1

NDI 12 15:53:55.3, 3.9, 2940N, 81.31E, h10km, ML3.3

ISC 12 15:53:56.9, 0.4, 2940N, 004.8135E, 0.03, h35km, n25, c=147/35, mb3.7/6, Nepal

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

MAN 12 16:44:48, 19.19N-121.16E, h25km, mb4.4, ML3.2, MS3.1, 1D, Philippine islands region

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

ISCJB 12 16:46:45.9, 1.3, 16.3N, 0.1, 145.7E, 0.4, h521km, 10km, mb3.1/6, Error ellipse: s-maj=56.6km s-min=21.0km az=179.2

NEIC 12 16:46:46.6, 6.1, 1.2, 16.33N, 145.82E, h522km, 12km, Error ellipse: s-maj=44.8km s-min=14.2km az=89.0

IDC 12 16:46:46.1, 1.4, 16.31N, 145.83E, h512km, 12km, mb2.7/6, mb1 2.9/7, mb1mx2.8/21, mbtmp2.8/7, Error ellipse: s-maj=46.9km s-min=18.5km az=87.0

ISC 12 16:46:46.4, 1.3, 16.33N, 0.1, 145.8E, 0.4, h515km, 11km, mb, c=083/9, mb3.1/6, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, GUMO, WB2, etc.

NIED 12 16:49:00, 31.00N-142.02E, h5km, Mw4.2 Best double couple: M1.97000x10^15 N1.36x10^15 P1.24x10^15

BUI 12 16:49:16.2, 30.98N-142.02E, h11km, mb4.8, mb4.5, MS4.0, Ms2.2

ISCJB 12 16:49:17.5, 1.4, 30.90N, 003.14195E, 0.06, h15km, 9km, mb4.4/44, MS3.4/1, Error ellipse: s-maj=9.4km s-min=4.4km az=164.6

IDC 12 16:49:17.1, 0.5, 30.90N, 142.01E, h0km, mb4.4/17, mb1 4.5/21, mb1mx4.4/25, mbtmp4.4/21, ML2.2/4, Error ellipse: s-maj=20.2km s-min=12.5km az=76.0

NEIC 12 16:49:18.4, 4.0, 30.91N, 141.90E, h8km, 30km, mb4.5/16, MW4.1 (NIED), Error ellipse: s-maj=10.8km s-min=7.2km az=87.0

JMA 12 16:49:18.5, 0.1, 30.96N, 142.17E, h37km, M4.3

MOS 12 16:49:20.3, 1.0, 30.94N, 141.91E, h33km, mb4.7/29, Error ellipse: s-maj=17.4km s-min=6.5km az=119.7

ISC 12 16:49:19.8, 1.5, 30.93N, 003.14200E, 0.06, h19km, 9km, h27km, 5, 4km, p-P, N127, c=109/135, mb4.4/44, MS3.4/1, 3C, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHU2, JHU2, JHU, etc.

IDC 12 15:56:46.6, 6.1, 1.2, 20.87S, 70.30W, h0km, mb4.2/2, mb1 4.3/4, mb1mx3.9/16, mbtmp4.2/4, ML4.0/1, Error ellipse: s-maj=47.8km s-min=29.4km az=129.0

NEIC 12 15:56:55.0, 4.2, 20.72S, 70.04W, h55km, 31km, Error ellipse: s-maj=44.9km s-min=29.7km az=207.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHU2, JHU2, JHU, etc.

BSO3	32nm,0.3s,baz=272,slow=22,SNR=3.6	4.06 342	P	Pn	16 50 21.2 +0.3
CHOUJ	Chosi	4.85 349	P	Pn	16 50 31.1 -0.7
CHOUJ			eS	Sn	16 51 25.2 -2.3
JOD2	Odawara 2	4.96 331	P	Sn	16 50 34.9 +1.6
JOD2			eS	Sn	16 51 29.3 -0.3
JIE	Ise	5.64 309	P	Pn	16 50 44.3 +1.6
JRY	Ryogami san	5.69 334	P	Pn	16 50 44.4 +1.0
JRY			S	Sn	16 51 47.8 -0.4
MJAR	Matsushiro Arr	6.42 332	P	Sn	16 50 54.4 +1.0
MJAR			pmx	pmx	
MJAR	comp=Z,11nm,0.3s				
MJAR	comp=N,2.0nm,0.3s				
MJAR	Matsushiro Arr	6.42 332	Pn	Pn	16 50 54.4 +0.9
MJAR	comp=N,11nm,0.3s,baz=159,slow=11,SNR=132				16 52 08.2 +2.0
MAJO	comp=N,2.2nm,0.3s,baz=177,slow=15,SNR=3.7				
MAJO	Matsushiro	6.42 332	eP	Pn	16 50 54.4 +1.0
MAJO	comp=N,36nm,0.4s				
MAJO	Matsushiro	6.42 332	eP	pmx	16 50 54.4 +1.0
MAT	comp=Z,36nm,0.4s				
MAT	Matsushiro	6.42 332	P	Pn	16 50 54.6 +1.2
MAT			S	Sn	16 52 07.4 +1.1
JNU	Nakatsue	9.69 286	Pn	Pn	16 51 40.8 +2.5
JNU	Nakatsue	9.69 286	Pn	Pn	16 51 40.8 +2.5
ERM	comp=Z,0.3nm,0.3s,baz=69,slow=8.6,SNR=4.5				
ERM	Erino	11.10 4	eS	Sn	16 51 55.4 -2.1
ASAJ	Asahikawa	13.17 2	P	Pn	16 53 49.5 -1.2
ASAJ			pmx	pmx	16 52 22.7 -3.1
ASAJ	comp=Z,2.0nm,0.3s				
ASAJ	Asahikawa	13.17 2	Pn	Pn	16 52 22.7 -3.1
ASAJ	comp=Z,1.5nm,0.3s,baz=178,slow=15,SNR=18				
KRSR	Korea Array	13.34 303	Pn	Pn	16 52 30.3 +2.2
YSS	Yuzh-Sakhalins	16.01 2	P	Pn	16 53 01.2 -2.7
YSS	Yuzh-Sakhalins	16.01 2	eP	Pn	16 53 01.2 -2.7
MDJ	Mudanjiang	16.79 328	P	Pn	16 53 14.1 +0.3
MDJ	comp=Z,11nm,1.2s				
MDJ	comp=Z,42nm,4.4s				
MDJ	Mudanjiang	16.79 328	P	Pn	16 53 12.4 -1.5
HABR	Khabarovsk	18.30 345	eP	Pn	16 53 32.3 -0.2
HABR			eS	Sn	16 56 55.1 -1.2
CN2	Changchun	18.34 319	eP	AMB	16 53 32.5 -0.6
CN2			AMB	AMB	
YHNB	comp=Z,10.0nm,1.2s				
NJ2	Yeheng	19.27 256	eP	Pn	16 53 42.9 -1.6
NJ2	Nanjing	19.77 279	eP	Pn	16 53 50.4 0.0
NJ2			AMB	AMB	
BJT	comp=Z,20nm,0.8s				
BJT	Baijiatatau	22.84 300	eP	P	16 54 20.2 -1.7
BJT	comp=Z,1.0nm,0.6s,mb4.4				
BJT	Baijiatatau	22.84 300	eP	pmx	16 54 20.2 -1.7
BJI	comp=Z,10.0nm,0.6s				
BJI	Beijing	22.84 301	P	P	16 54 19.6 -2.3
BJI			AMB	AMB	
BJI	comp=Z,11nm,0.7s,mb4.4				
BJI			LR	LR	
BJI	comp=N,142nm,18.7s,MS3.6				
BJI			LR	LR	
BJI	comp=E,131nm,17.2s,MS3.6				
BJI			LR	LR	
HIA	comp=Z,9.1nm,20.1s,MS3.2				
HIA	Hailar	24.85 324	eP	P	16 54 39.4 -1.6
HIA	comp=Z,7.8nm,0.6s,mb4.4				
HIA	Hailar	24.85 324	eP	pmx	16 54 39.4 -1.6
XAN	comp=Z,8.0nm,0.6s				
XAN	Xi'an	28.01 285	P	P	16 55 08.6 -1.1
XAN			AP	AP	16 55 17.8 +2.5
XAN			AMB	AMB	
CIT	comp=Z,5.0nm,0.9s,mb4.1				
CIT	Chita	29.66 323	eP	P	16 55 22.3 -1.8
CIT			e	pmx	16 55 34.3
ULN	comp=Z,25nm,2.5s,mb4.5				
ULN	Ulaanbaatar	31.52 312	eP	P	16 55 40.4 -0.2
ULN	comp=Z,14nm,1.2s,mb4.7				
ULN	Ulaanbaatar	31.52 312	eP	pmx	16 55 40.4 -0.2
SOMN	comp=Z,14nm,1.2s,mb4.7				
SOMN	Songino Array	31.93 312	P	P	16 55 45.6 +1.4
SOMN	comp=Z,10.0nm,1.2s				
SOMN	Songino Array	31.93 312	P	pmx	16 55 45.6 +1.4
LZH	comp=Z,10nm,1.2s,mb4.5,baz=131,slow=10.0,SNR=22				
LZH	Lanzhou	32.09 290	eP	P	16 55 47.0 +1.3
LZH			AP	AP	16 55 55.5 +4.1
LZH			AMB	AMB	
LZH	comp=Z,15nm,1.0s,mb4.8				
LZH	Lanzhou	32.09 290	eP	P	16 55 47.0 +1.3
LZH	comp=Z,15nm,1.0s,mb4.8				
LZH			pP	pP	16 55 55.5 +4.1
LZH			sP	sP	16 56 01.7 +7.3
LZH	Lanzhou	32.09 290	eP	pP	16 55 47.0 +1.3
LZH			*PP	*PP	16 55 55.5 +4.1
LZH			*SP	*SP	16 56 01.7 +7.3
LZH			pmx	pmx	
YAK	comp=Z,15nm,1.0s,mb4.8				
YAK	Yakutsk	32.13 349	eP	P	16 55 42.4 -3.3
YAK	comp=Z,3.3nm,0.5s,mb4.4				
YAK	Yakutsk	32.13 349	eP	pmx	16 55 42.4 -3.3
SEY	comp=Z,3.0nm,0.5s,mb4.4				
BOD	Seymchan	32.70 9	eP	P	16 55 50.9 +1.0
BOD	Doibo	33.06 333	eP	P	16 55 53.6 -0.3
BOD			pmx	pmx	
ZAK	comp=Z,4.0nm,0.8s,mb4.4				
ZAK	Zakamensk	34.70 315	eP	pmx	16 56 09.3 +1.0
TLY	comp=Z,4.0nm,1.3s,mb4.2				
TLY	Talaya	34.94 318	eP	P	16 56 11.8 +1.5
GTA	comp=Z,8.0nm,1.0s,mb4.6				
GTA	Gaotai	35.25 296	P	P	16 56 12.7 -0.5
GTA			AP	pP	16 56 16.9 -2.0
GTA			XP	sP	16 56 19.3 -1.9
GTA			AMB	AMB	
TIXI	comp=Z,8.0nm,1.0s,mb4.6				
TIXI	Tiksi	41.39 354	eP	P	16 57 04.4 0.0
TIXI	comp=Z,1.3nm,0.6s,mb3.7				
TIXI	Tiksi	41.39 354	eP	pmx	16 57 04.2 -0.2
LSA	comp=Z,1.0nm,0.5s,mb3.7				
LSA	Lhasa	43.60 282	eP	P	16 57 24.7 +1.7
LSA	comp=Z,1.1nm,0.6s,mb3.8				
LSA	Lhasa	43.60 282	eP	pmx	16 57 24.7 +1.7
ZALV	comp=Z,1.0nm,0.6s,mb3.7				
ZALV	Zalesovo Beam	46.54 317	P	P	16 57 46.5 +0.5
ZALV	comp=Z,2.8nm,0.5s,mb4.5,baz=95,slow=6.4,SNR=18				
ZALV	Zalesovo	46.55 317	P	P	16 59 20.3 +0.3
ZALV	comp=Z,1.2nm,0.6s,baz=72,slow=4.7,SNR=3.6				
ZALV	Zalesovo	46.55 317	P	P	16 57 46.6 +0.5
TAPN	comp=Z,1.0nm,0.6s,mb3.7				
TAPN	Taplejung	47.17 280	eP	P	16 59 20.3
NVS	Novosibirsk	47.59 318	eP	P	16 57 50.6 -0.7
ODAN	Odare	47.59 279	eP	P	16 57 54.2 +0.3
MK31	Makanchi Array	47.98 307	eP	P	16 57 53.5 -1.1
MKAR	Makanchi Array	47.98 307	P	P	16 57 57.6 +0.3
MKAR	Makanchi Array	47.98 307	iP	P	16 57 57.9 +0.6
MKAR	Makanchi Array	47.98 307	iP	pmx	16 57 58.0 +0.7
MKAR	comp=Z,6.0nm,0.7s				
MKAR	Makanchi Array	47.98 307	P	P	16 57 57.9 +0.6
JIRN	comp=Z,5.7nm,0.7s,mb4.7,baz=91,slow=9.7,SNR=42				
JIRN	Jiri	48.36 281	eP	P	16 58 00.2 -0.3
GUN	Gumba	48.54 281	eP	P	16 58 01.0 -1.0
KAKI	Kakani	48.59 279	eP	P	16 58 05.2 -0.9
GRN	Gorkha	49.56 282	eP	P	16 58 08.2 +1.0
KURK	Kurchatov	50.24 312	eP	P	16 58 14.2 -0.4
KURK	comp=Z,8.8nm,0.8s,mb4.8				
KURK	Kurchatov	50.24 312	iP	P	16 58 14.6 0.0
KOLN	Koldanda	50.50 292	eP	P	16 58 16.9 0.0
CTA	Charters Tower	50.89 175	P	pmx	16 58 20.0 +0.3
CTA	comp=Z,2.0nm,0.5s				
CTA	Charters Tower	50.89 175	P	P	16 58 20.0 +0.3

WRA	comp=Z,1.6nm,0.5s,mb4.2,baz=350,slow=6.1,SNR=3.2				
WRA	Warramunga Arr	51.11 189	eP	P	16 58 20.8 -0.6
WRA	Warramunga Arr	51.12 189	eP	pmx	16 58 20.9 -0.5
WRA	comp=Z,6.0nm,0.4s				
WRA	Warramunga Arr	51.12 189	P	pmx	
FITZ	comp=Z,5.9nm,0.4s,mb4.9,slow=7.5,SNR=330				
FITZ	Fitzroy Crossi	51.23 200	eP	P	16 58 20.9 -0.5
KDAK	comp=Z,7.7nm,1.2s,mb4.5				
KDAK	Kodiak Island	51.43 39	P	P	16 58 22.7 +0.4
KDAK	Kodiak Island	51.43 39	P	P	16 58 24.0 +0.6
AAK	comp=Z,1.5nm,1.0s,mb4.3,baz=318,slow=15,SNR=8.5				
AAK	Ala-Archa	54.00 303	eP	P	16 58 42.0 -0.7
AAK			pmx	pmx	
AML	comp=Z,4.0nm,1.2s,mb4.2				
AML	Almayushu	54.68 302	eP	P	16 58 49.4 +1.8
ASAR	comp=Z,3.3nm,0.6s,mb4.5				
ASAR	Alice Springs	54.84 189	P	pmx	16 58 49.0 +0.1
ASAR	comp=Z,2.0nm,0.3s				
ASAR	Alice Springs	54.84 189	P	pmx	16 58 49.0 +0.1
BRVK	comp=Z,1.9nm,0.3s,mb4.5,baz=1.0,slow=4.8,SNR=99				
BRVK	Borovoye	55.22 316	P	P	16 58 50.4 -1.0
BRVK	comp=Z,4.0nm,0.8s,mb4.5				
BRVK	Borovoye	55.22 316	P	P	16 58 50.4 -0.9
BRVK			pmx	pmx	
DAWY	comp=Z,4.0nm,0.8s,mb4.5				
DAWY	Dawson	57.72 31	eP	P	16 59 11.9 +2.9
INK	Inuvik	59.63 25	eP	P	16 59 22.9 +0.6
INK	Inuvik	59.63 25	eP	P	16 59 22.3 0.0
KBL	comp=Z,1.1nm,0.5s,mb4.1,baz=292,slow=6.4,SNR=5.0				
KBL	Kabul	60.23 295	eP	P	16 59 27.3 +0.4
ARU	Arti	61.33 321	eP	P	16 59 33.8 -0.2
ARU	comp=Z,5.6nm,0.6s,mb4.9				
ARU	Arti	61.33 321	iP	P	16 59 34.0 0.0
ARU			eS	SS	17 00 12.0
ARU			eS	SS	17 07 54.0 +0.7
ARU			eS	SS	17 11 52.7 -0.6
STKA	comp=Z,1.3nm,1.3s,mb4.9				
STKA	Stevens Creek	62.47 180	eP	P	16 59 41.9 +0.1
STKA	comp=Z,5.1nm,0.5s,mb4.9				
STKA	Stevens Creek	62.47 180	eP	P	16 59 41.7 -0.2
STKA	Stevens Creek	62.47 180	P	P	16 59 41.6 -0.2
FORT	comp=Z,1.5nm,0.4s,mb4.4,baz=339,slow=7.8,SNR=10				
FORT	Forrest	62.78 193	eP	P	16 59 44.4 +0.4
YKA	comp=Z,5.2nm,0.4s				
YKA	Yellowknife Arr	68.86 29	P	pmx	17 00 23.0 +0.2
YKA	comp=Z,1.0nm,0.8s				
YKA	Yellowknife Arr	68.86 29	P	P	17 00 23.0 +0.2
ARCES	comp=Z,0.9nm,0.8s,mb4.3,baz=295,slow=6.2,SNR=12				
ARCES	ARCESS Array B	69.88 340	P	P	17 00 29.9 +0.9
ARCES			pmx	pmx	
ARCES	comp=Z,4.0nm,0.8s				
ARCES	ARCESS Array B	69.88 340	P	P	17 00 29.9 +0.9
JOF	comp=Z,4.2nm,0.8s,mb4.4,baz=349,slow=4.9,SNR=4.9				
JOF	Joensuu	71.59 333	eP	P	17 00 39.6 +0.1
JOF	Joensuu	71.59 333	eP	P	17 00 39.6 +0.1
OBN	comp=Z,2.0nm,0.4s,mb4.4				
OBN	Obrninsk	73.31 325	eP	P	17 00 50.9 +1.0
KAF	comp=Z,1.1nm,1.7s,mb4.5				
KAF	Kangasniemi	73.96 334	eP	P	17 00 53.5 -0.1
KAF	comp=Z,1.2nm,0.5s,mb4.1				
KAF	Kangasniemi	73.96 334	eP	pmx	17 00 53.5 -0.1
FINES	comp=Z,1.0nm,0.5s,mb4.0				
FINES	FINES Array B	74.45 333	iP	pmx	17 00 57.2 +0.7
FINES	comp=Z,1.0nm,0.4s				
FINES	FINES Array B	74.45 333	P	P	17 00 55.5 -0.9
KIV	comp=Z,1.3nm,0.4s,mb4.2,baz=82,slow=5.6,SNR=12				
KIV	Kislovodsk	75.33 313	eP	P	17 01 02.8 +0.9
SOC	comp=Z,10.0nm,1.1s,mb4.7				
SOC	Sochi	77.38 313	eP	P	17 01 11.9 -1.6
SOC			e	PPP	17 04 12.5
SOC			e	SS	17 06 55.2
SOC			e	SS	17 10 57.7 -5.3





RBK	Rabkut	12.60 164	P	Pn	18 33 15.2	-2.7
RBK	SNR=25				18 33 16.4	
MALT	SNR=8.0	13.24 314	ePn	Pn	18 33 25.1	-1.4
MALT	comp=N,8.3nm,0.8s					
MALT	Malatyia	13.24 314	eP	Pn	18 33 25.1	-1.4
MALT	comp=Z,0.0nm,0.8s					
MMAI	Mount Meron Ar	13.40 288	Pn	Pn	18 33 22.6	-6.2
MMAI	comp=Z,2.2nm,0.3s,baz=104,slow=18,SNR=13				18 35 43.1	-1.3
MMAI	comp=Z,1.2nm,0.3s,baz=104,slow=18,SNR=3.3				18 37 26.2	
EIL	baz=122,slow=38,SNR=2.4	13.61 274	Pn	Pn	18 33 27.6	-4.1
EIL	Elat	13.61 274	Pn	Pn	18 35 50.4	-1.1
EIL	comp=Z,3.7nm,1.1s				18 37 26.0	
EIL	comp=Z,1.1nm,0.3s,baz=48,slow=6.6,SNR=12				18 39 27.9	
EIL	comp=Z,1.5nm,0.3s,baz=356,slow=14,SNR=2.8				18 35 50.4	-1.1
EIL	baz=299,slow=19,SNR=2.8				18 37 26.0	
EIL	comp=Z,85nm,18.8s,baz=290,slow=41				18 39 27.9	
ZEI	Fsey	14.10 339	eP	Pn	18 33 39.7	+1.5
MUK	Al Mukalla	15.24 186	eP	Pn	18 33 49.1	+3.9
CSS	Prodromos	15.50 294	eP	Pn	18 33 57.8	+0.9
CSS	comp=Z,3.7nm,1.1s					
KIV	Prodromos	15.50 294	eP	Pn	18 33 57.8	+0.9
KIV	Kislovodsk	15.54 338	eP	Pn	18 33 58.6	+1.2
KIV	comp=Z,2.7nm,0.8s					
KIV	Kislovodsk	15.54 338	eP	Pn	18 33 57.5	+0.1
KIV	comp=Z,3.8nm,1.4s					
KIV	Kislovodsk	15.54 338	P	Pn	18 34 00.0	+2.6
KIV	SNR=16				18 33 57.5	+0.1
KIV	Kislovodsk	15.54 338	eP	Pn	18 33 57.5	+0.1
KIV	comp=Z,5.9nm,1.4s					
AVNT	Avonos	15.83 309	eP	Pn	18 34 02.9	+1.7
DHBB	Dhamar Bb	16.13 202	eP	Pn	18 34 01.4	-3.8
KBL	Kabul	16.34 68	eP	Pn	18 34 08.4	+0.8
KBL	Kabul	16.34 68	eP	Pn	18 34 08.4	+0.8
SOC	Sochi	16.34 331	eP	Pn	18 34 10.5	+2.9
SOC	comp=Z,1.4nm,0.8s				18 37 07.2	
SOC	comp=Z,1.4nm,0.8s					
SOC	Sochi	16.34 331	eS	S	18 37 07.2	-1.2
LBS	Loc	16.53 199	eP	Pn	18 34 06.6	-3.6
CTK	Corum	16.87 314	iP	Pn	18 34 16.3	+2.1
BR131	Keskin Array S	17.12 310	eP	Pn	18 34 15.6	-1.9
BR131	comp=Z,4.1nm,0.5s					
BR131	Keskin Array S	17.12 310	eP	Pn	18 34 15.6	-1.9
BR131	comp=Z,4.1nm,0.5s					
BRTR	Keskin Array B	17.12 310	P	Pn	18 34 16.2	-1.3
BRTR	comp=Z,1.0nm,0.3s					
BRTR	Keskin Array B	17.12 310	P	Pn	18 34 16.1	-1.3
BRTR	comp=Z,0.5nm,0.3s,baz=130,slow=12,SNR=19					
BOYT	Boyat	17.27 317	iP	Pn	18 34 21.2	+1.9
TRBA	At Turbah	17.48 202	eP	Pn	18 34 18.3	-3.6
TRBA	comp=Z,5.9nm,2.3s				18 34 20.8	
ELDT	Eldivan	17.66 312	iP	Pn	18 34 26.1	+2.0
ANTO	Ankara	17.76 309	P	Pn	18 34 24.3	-1.1
ANTO	Ankara	17.76 309	P	Pn	18 34 24.3	-1.1
BALT	Baday	18.26 315	iP	Pn	18 34 33.5	+2.0
ANN	Anapa	18.31 329	eS	S	18 34 35.0	+3.1
ANN	comp=Z,1.3nm,1.3s				18 37 59.4	+0.5
ISP	Isparta	18.54 301	eP	Pn	18 34 38.6	+3.8
ISP	comp=Z,3.5nm,0.6s					
ISP	Isparta	18.54 301	eP	Pn	18 34 36.8	+1.9
ATK	Arta Tunnel	19.49 203	LR	LR	18 42 45.1	
ATK	comp=Z,1.52nm,21.6s,baz=24,slow=38					
AKT	Aktuybinsk	21.43 13	P	LR	18 35 05.2	-0.5
AKT	Aktuybinsk	21.43 13	P	LR	18 45 59.0	
AKT	Aktuybinsk	21.43 13	P	LR	18 35 05.2	-0.5
AKT	comp=Z,1.44nm,18.8s					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	comp=Z,1.1nm,0.5s,mb4.4					
AKTO	Aktuybinsk	21.43 13	P	Pmax	18 35 05.2	-0.5
AKTO	comp=Z,1.1nm,0.5s,mb4.4					





Main table containing flight data with columns for airline, flight number, status, departure/arrival times, and other details. Includes sub-sections for '12d 20h' and '2007 FEB'.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like GTA, INK, CD2, GYA, ZALV, WMQ, QIZ, KMI, MKAR, KURK, ALE, YKA, RES, BRVK, LSA, NANT, A05A, C04A, A06A, CHG, and CHTO.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like CHTO, B05A, TKM2, CMK1, B06A, A07A, C05A, USP, CHMS, KBK, KZA, C06A, G03A, B07A, F04A, E05A, A08A, D06A, ETW, C07A, B08A, A09A, E06A, EBG, ARU, ZALV, ARU, D07A, EDM, J02A, H04A, C08A, B09A, A10A, G05A, F06A, E07A, J03A, K02A, I04A, C09A, D08A, CROR, G06A, H05A, F07A, L02A, B10A, E08A, H10A, A11A, D09A, J04A, C10A, VIPM, H06A, B11A, A12A, E09A, J05A, D10A, YBH, K04A, G08A, M02C, I06A, APA, L04A, E10A, F09A, K05A, M04C, I07A, D11A, J06A, M03C, ARCES, ARCES, ARCES, F10A, H08A.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like B13A, G09A, WDC, WDC, WDC, K06A, L05A, E11A, J07A, D12A, LTIM, C13A, I08A, M05C, H09A, GASB, BMO, HATC, F11A, MOD, MOD, O03C, K07A, D13A, J08A, I09A, M06C, H10A, O04C, L07A, ELFS, BOK, BOK, F12A, K08A, J09A, WVOR, WVOR, D14A, I10A, ORV, SUTB, H11A, O05C, OHCM, FARB, CHMT, L08A, N06A, M07A, K09A, F13A, E14A, J10A, D15A, I11A, M08A, K10A, N07B, H12A, G13A, F14A, E15A, LAVA, MFID, WENT, BNLO, H13A, G14A, WCN, WCN, N08A, F15A, FCC, FCC, EGIMT, R05C, L10A, J12A, N09A, I13A, CMB, CMB, CMB.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Columbia Colle, Halley, Pacheco Peak, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like FINES FINES Array B, FINES, LMRM, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like POona, FITZ, LADRO, etc.







ISC 12 22:37:58.1,0.8,3639N,006.2683E,005,h134km,±1km, n22, c068/24, Dodecanese Islands

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

FUNV 12 23:22:44:23.5,672N-7318W,h163km,MW3.5,4C,Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Capacho, El Vigia, Socops, etc.

IDC 12 23:11:57.0,0.7,3676N-7948E,h0km,mb3.8/13, mb1.4/0.15,mb1mx3.9/24,mbtmp3.9/15,ML4.0/2,MS3.9/10, Ms1.3/9/10,ms1mx3.7/25,Error ellipse: s-maj=23.3km s-min=15.0km az=44.0

BUI 12 23:11:59.3,3698N-7931E,h22km,mb4.6,mb4.1,ML4.6, Ms4.1,Ms3.9

ISCJB 12 23:12:00.0,1.2,3681N-003.7954E,004,h23km,±9km, mb4.1/32,MS3.9/12,Error ellipse: s-maj=5.8km s-min=4.3km az=5.7

MOS 12 23:12:01.5,1.6,3688N-7945E,h33km,mb4.3/23, MS3.9/9,Error ellipse: s-maj=10.0km s-min=5.8km az=66.6

NEIC 12 23:12:02.1,2.2,3685N-7953E,h26km,16km,mb4.3/12, Error ellipse: s-maj=8.7km s-min=5.9km az=213.0

NMC 12 23:12:09.0,5.1,3786N-7933E,h0km,mb4.5,mpv4.2, Error ellipse: s-maj=43.1km s-min=23.0km az=166.0

ISC 12 23:12:02.8,1.1,3685N-002.7957E,004,h28km,±8km, n132, c1930/151,mb4.1/32,MS3.9/12,8C-8D,Southern Xinjiang

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kashi, Dalhousie, Pong, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Makanchi Array, Kurchatov, Borovoye, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Simferopol, Keskin Array, Malin Array, etc.

IDC 12 23:18:59.2,2.5,1253N-8832W,h0km,mb3.6/3,mb1.3/9.5, mb1mx3.7/17,mbtmp3.7/5,ML3.6/2,MS2.8/1,Ms1.2/8.1, ms1mx2.2/26,Error ellipse: s-maj=73.8km s-min=22.0km az=36.0

ISCJB 12 23:19:01.4,0.8,1210N-007.8867W,004,h45km,±1km, mb3.6/5,Error ellipse: s-maj=12.3km s-min=6.0km az=21.2

CASC 12 23:19:02.1,3.1,1207N-8858W,h18km,±25km,MD4.1, ML3.6

NEIC 12 23:19:03.4,1.3,1233N-8847W,h39km,14km,mb3.9/4, Error ellipse: s-maj=22.6km s-min=11.9km az=21.0

ISC 12 23:19:03.0,0.8,1221N-008.8864W,005,h37km,±14km, n43, c1906/48,mb3.6/5,3C-4D,Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Miguel, Bellamia, Conchagua, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUM0 Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

NIED 13 02:05:10.0, 43.10N; 146.60E, h44km, Mw3.8 Best double
13 02:05:10.0, 43.10N; 146.60E, h44km, Mw3.8 Best double
13 02:05:10.0, 43.10N; 146.60E, h44km, Mw3.8 Best double

Code Station Name Az Phase ID Time Res
NEM2 Nemuro 2 0.63 291 P Pn 02 05 29.6 +0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JRA Jaura, JAK Akkeshi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCH Churu, JMP Maruseppu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSR5 Korea Array, BJT Baijittau, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Songino Array, IMA2 Indian Moutai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MK31 Makanchi Array, etc.

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

IDC 13 02:25:02.0, 0.1, 3, 088S; 120.38E, h0km, mb3.6/5, mb1 3.8/6,
mb1 2x3.6/19, mb1 2x3.7/13, ML3.4/1, Error ellipse:
s-maj=144.8km s-min=19.0km az=64.0

Code Station Name Az Phase ID Time Res
FITZ Fitzroy Crossi 17.85 164 ePn 02 29 12.6 -0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, etc.

IDC 13 02:41:26.2, 74.0, 1710S; 178.26E, h0km, mb3.8/3,
mb1 4.0/3, mb1 1mx3.7/13, mbtmp3.8/3, Error ellipse:
s-maj=1315.0km s-min=153.7km az=76.0, Fiji Islands

Code Station Name Az Phase ID Time Res
KAKA Kakadu 7.04 162 Op Pn 03 07 15.7 +1.1

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

IDC 13 03:05:29.5, 9.4, 570S; 129.98E, h124km, 106km, mb3.5/4,
mb1 3.6/7, mb1 1mx3.5/14, mbtmp3.4/7, ML3.7/3, Error
ellipse: s-maj=61.8km s-min=44.2km az=101.0

Code Station Name Az Phase ID Time Res
CAIG El Cayaco 0.05 269 iP Pn 03 31 42.6 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, ACX Acapulco, etc.

NEIC 13 03:31:41.8, 1705N; 10021W, h6km, MD4.0 (MEX), After
Guerrero

IDC 13 03:37:18.0, 0.8, 219N; 101.1x143.1E, h33km, mb3.8/8,

Error ellipse: s-maj=29.9km s-min=15.2km az=169.4
NEIC 13 03:37:21.0, 0.3, 2195N; 143.06E, h35km, Error ellipse:
s-maj=166.0km s-min=14.1km az=74.0

Code Station Name Az Phase ID Time Res
GUMO Guam 8.48 169 Op Pn 03 41 54.7

Code Station Name Az Phase ID Time Res
CAIG El Cayaco 0.04 338 iP Pn 03 41 32.4 -0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, ACX Acapulco, etc.

MOS 13 03:45:17.1, 1.4, 2911N; 51.26E, h34km, mb4.4/11, Error
ellipse: s-maj=14.4km s-min=7.9km az=118.9

Code Station Name Az Phase ID Time Res
QRN Al-Qurain 3.09 262 ePn Pn 03 46 08.8 +0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QRN Al-Qurain, KFB Kabd, etc.

IDC 13 03:45:19.4, 7.2, 2929N; 51.37E, h32km, 56km, mb3.9/17,
mb1 4.0/20, mb1 1mx3.9/29, mbtmp3.8/20, ML3.6/3, MS3.0/1,
Ms1 3.0/1, ms1 2x3.6/33, Error ellipse: s-maj=30.4km
s-min=17.8km az=168.0

Code Station Name Az Phase ID Time Res
IMEH Mehruz 3.51 52 ePn Pn 03 46 13.6 +1.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IMEH Mehruz, IMIB Mutribah, etc.

NEIC 13 03:45:19.8, 0.6, 2925N; 51.31E, h35km, mb4.2/7,
MN4.0 (TEH), Error ellipse: s-maj=9.2km s-min=5.2km
az=175.0

IDC 13 03:45:38.2, 2929N; 51.34E, h28km, ML4.0
ISC 13 03:45:20.2, 0.3, 2924N; 002.5140E, h41km, 5km,
n133, s110/146, mb4.0/24, 3C, Southern Iran







ISCJB 13 05:11:48.2.2.3, 2194N, 009.1205E, 02, h47km, 23km, mb3.77, Error ellipse: s-maj=28.4km s-min=14.0km az=171.5

NEIC 13 05:11:48.0.5, 2193N, 12039E, h35km, Error ellipse: s-maj=16.8km s-min=8.9km az=89.0

ISC 13 05:11:49.7.2.5, 2196N, 010.1205E, 02, h43km, 25km, n12, c0574/14, mb3.77, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, KSRSS Korea Array, etc.

NEIC 13 05:29:26.8.0.4, 1870N, 6333W, h10km, mb4.4/16, MD4.2(RSPR), MD4.1(TRN), Error ellipse: s-maj=8.6km s-min=6.2km az=64.0

NEIC Felt on Saint Martin

ISCJB 13 05:29:29.4.0.8, 1867N, 006.6334W, 003, h39km, 8km, mb4.2/23, MS3.2/3, Error ellipse: s-maj=10.6km s-min=8.0km az=161.9

IDC 13 05:29:30.3.2, 1862N, 6326W, h44km, 30km, mb3.8/10, mb1.4/12, mb1mx3.8/23, mbtmp3.9/12, ML3.9/1, MS3.3/6, Ms1.3/3.6, ms1mx3.0/24, Error ellipse: s-maj=25.7km s-min=17.1km az=45.0

TRN 13 05:29:30.2, 1853N, 6297W, h10km, MD4.1, M4.2(FDF) TRN Felt in St. Martin

BUI 13 05:29:36.8, 1870N, 6330W, h10km, mb5.4

ISC 13 05:29:29.5.1.2, 1868N, 004.6333W, 003, h24km, 9km, n188, c0972/199, mb4.2/23, MS3.2/3, 62C-44D, Leward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like STMA St. Maarten, A, LZG LZG, SCG Saint Claude, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like TUC Tucson, 116A Eloy, WUAZ Wupaki, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like 007A Toulon, D10A Wagner Farm, 007B Gerlach, etc.

NEIC 13 05:42:56.7, 1717N, 9532W, h115km, mb4.7/1, MD4.0(MEX), After MEX

MEX 13 05:42:55.8.1.1, 1721N, 9533W, h121km, 13km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, CMIG Oaxaca, etc.

IDC 13 05:57:28.7.26.0, 1833S, 6997W, h174km, 143km, mb3.5/2, mb1.3/5, mb1mx3.2/16, mbtmp3.3/5, ML2.8/1, MS3.5/1, Ms1.3/5.1, ms1mx2.3/15, Error ellipse: s-maj=418.9km s-min=47.6km az=22.0, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, PCRV Puerto La Cruz, etc.

CSEM 13 06:27:12.0, 4249N, 4689E, h15km, mb3.9, After OBN MOS 13 06:27:12.0.1.8, 4249N, 4689E, h15km, mb3.9/1, Error ellipse: s-maj=65.6km s-min=9.5km az=25.9, Eastern Caucasus

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like XNZR Khunzakh, XNZR Khunzakh, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like VLKR, BTKR, Batakoyurt, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like SNET, Serv Nav Est T, BOQS, Boqueron, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like SONM, Songio Array, TAPN, Talejung, etc.

ISCJB 13 06:29:15.0-0.8, 3240N-004.4-11522W, h0km, mb3.9/4, Error ellipse: s-maj=7.3km s-min=3.5km az=148.4

ECX 13 06:29:15.0-0.6, 3242N-11523W, h4km, MD2.5, ML2.6

ISC 13 06:29:13.8-0.8, 3238N-004.4-11522W, h0km, mb3.9/4, n21, 0944/30, 14C-9D, California-Baja California border region

ISC 13 07:29:45.1-1.9, 630S-14669E, h0km, mb3.5/4, mb1 3.8/6, mb1mx3.9/15, mbtmp3.6/6, ML3.2/2, Error ellipse: s-maj=2.1km s-min=2.3km az=85.0

ISCJB 13 07:29:48.4-1.8, 635.0-1466E.02, h33km, mb3.4/4, Error ellipse: s-maj=33.4km s-min=12.8km az=156.5

NEIC 13 07:29:50.0-1.4, 636S-14671E, h35km, Error ellipse: s-maj=32.9km s-min=19.0km az=83.0

ISC 13 07:29:50.1-1.8, 635S-01x1466E.02, h35km, n9, 01f43/9, mb3.4/4, Eastern New Guinea region

IDC 13 07:47:37.1-28.0, 524N-12728E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.9/15, mbtmp3.9/4, Error ellipse: s-maj=47.6, 1.2km s-min=96.4km az=154.0, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CPBX, Cerro Prieto, COA, Coachella, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like PMG, Port Moresby, WRA, Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like GLA, Glamis, GLA, Desert V Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like ASAR, Alice Springs, FITZ, Fitzroy Crossi, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CBX, Cerro Bola, ENX, Ensenada, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like STKA, Stephens Creek, MKAR, Matkanchi Array, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like ECNX, Esteban Cantu, PBX, Punta Banda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like MKAR, Matkanchi Array, TORD, Torodi Ar. Bea, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like Y12C, Camp Elliot, 109C, Iron Mountain, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like TORD, Torodi Ar. Bea, TORD, Torodi Ar. Bea, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like X13A, Yucca, 115A, Sonoran Desert, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CSEM, 13 07:41:01.0-0.1, 3827N-3866E, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like X15A, Humboldt, MAN 13 06:29:47, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like BESE, Borongan, PLP, Palo, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CNP, Catarman, MSLP, Maasin, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like VANDA, Vanda, URZ, Urewera, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like PPT, Papeete, DZM, Mont Dzumac, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like MAW, Mawson, STKA, Stephens Creek, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like ATAH, Atahualpa, FITZ, Fitzroy Crossi, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like ROSC, El Rosal, LPIG, La Paz, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like PFO, Pinyon Flat Ob, BOSA, Bosho, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like MKAR, Makanchi Array, CASC 13 07:26:24.5-2.9, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CNCH, Conchagua, CNCH, Bellamira, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like SCHEFFERVILLE, ARCES ARCES, YKA Yellowknife, etc.

GIS 13 08:55:30.9, 1.1, 3086N, 3501E, h0km, ML2.8/6
SGS 13 08:58:23.0, 31.718N, 358.86E, h7km
HLW 13 08:56:24.7, 31.28N, 354.7E, h2km, Mb3.7

ISC 13 08:56:29.0, 0.1, 3083N, 3501E, h1km, ML2.8, Error ellipse: s-maj=1.7km s-min=1.1km az=105.0, Mining explosion.

ISC 13 08:56:29.0, 0.4, 3084N, 3502E, h0km, n38, c1912/47, Dead Sea region.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like MASH Mash'abbe Sade, ZFRI Zfiri, etc.

MAN 13 09:40:15, 1153N, 12585E, h6km, mb4.1, ML3.0, MS2.7, 1C, Samar

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like BESP Borongan, PLP Palo, etc.

ISC 13 09:46:37.4, 2.0, 760S, 12693E, h0km, mb3.7/1, mb1 4.2/3, mb1mx3.8/1.4, mbtmp3.9/3, ML4.2/1, Error ellipse: s-maj=250.9km s-min=31.2km az=63.0, Banda Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA Kakadu, WARRAMUNGA ARR, ASAR Alice Springs, etc.

ISCJCB 13 09:50:35.4, 1.6, 2882S, -007.1784W, 0.1, h136km, 16km, mb4.0/11, Error ellipse: s-maj=19.7km s-min=10.1km az=21.6

NEIC 13 09:50:35.3, 0.6, 2873S, 17821W, mb4.6/5, Error ellipse: s-maj=17.2km s-min=10.6km az=130.0

ISC 13 09:50:35.4, 1.0, 2874S, 17820W, h127km, 6km, mb3.8/9, mb1 4.0/1.1, mb1mx4.0/1.5, mbtmp3.8/1.1, Error ellipse: s-maj=22.0km s-min=16.4km az=137.0

ISC 13 09:50:33.7, 1.4, 2871S, 008.1783W, 0.1, h108km, 16km, n53, c1914/7, mb4.1/1.1, Kermadec Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like MXZ Matakaoa Point, PUKETITI, etc.

Table with columns: THZ, Tophouse, 14.88 207, Pn, 09 53 57.4 -1.0, etc. Rows include stations like KAHUTARA, MONT DZUMAC, etc.

NEIC 13 09:52:53.0, 1913N, 6962W, h76km, MD3.8(RSPR), After 752PZ

RSRP 13 09:52:53.8, 1913N, 6962W, h76km, 33km, MD3.8/6, MD3.8/6, 4C-2D, Dominican Republic region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like AGPR Aguadilla, LAS MESSAS, etc.

SZGRF 13 09:59:31.6, 2483S, 17772W, h83km, South of Fiji Islands

BUL 13 09:59:35.7, 2440S, 17780W, h87km, mb5.1, mb4.7, M5s.1, M24.4

NEIC 13 09:59:38.7, 1.3, 2440S, 17782W, h127km, 11km, mb4.6/34, Error ellipse: s-maj=10.1km s-min=5.6km az=146.0

ISCJCB 13 09:59:38.2, 1.6, 2462S, 007.17780W, 0.06, h135km, 15km, mb4.5/44, Error ellipse: s-maj=12.2km s-min=6.4km az=148.1

ISC 13 09:59:44.3, 2.3, 2460S, 17769W, h181km, 20km, mb4.0/11, mb1 4.2/1.3, mb1mx4.1/1.7, mbtmp4.0/1.3, Error ellipse: s-maj=20.6km s-min=13.2km az=156.0

MOS 13 09:59:52.0, 3.0, 2265S, 17851W, h190km, mb4.7/15, Error ellipse: s-maj=15.2km s-min=12.0km az=48.5

ISC 13 09:59:35.6, 1.4, 2451S, 006.17775W, 0.07, h97km, 13km, h176km, 4.8km, mb4.0/1.1, mb1mx4.0/1.3, Error ellipse: s-maj=12.2km s-min=6.4km az=148.1

South of Fiji Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like AFI Afiamalu, PUKETITI, etc.

Table with columns: PMG, Rate Peaks, 21.25 203, P, 10 04 15.2 +1.5, etc. Rows include stations like RATA PEAKS, CHARACTERS TOWER, etc.





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

IDC 13 10:56:53.1±0.4, 661S:15459E, h0km, mb4.9/18, mb1 5.0/20, mb1mx5.0/22, mbtmp4.9/20, MLA.0/2, MS4.7/14, Ms1 4.6/14, ms1mx4.4/18, Error ellipse: s-maj=16.9km s-min=11.7km az=110.0

ISCJB 13 10:56:56.7±0.1, 666S:003-15461E.002, h30km, mb5.2/85, MS4.7/32, Error ellipse: s-maj=4.8km s-min=3.2km az=166.2

MOS 13 10:56:57.1±1.1, 655S:15460E, h33km, mb5.4/26, MS4.5/7, Error ellipse: s-maj=9.6km s-min=8.0km az=100.4

NEIC 13 10:56:58.4±0.1, 666S:15466E, mb5.2/29, Error ellipse: s-maj=5.0km s-min=4.2km az=129.0

GCMT 13 10:56:58.4±0.1, 688S:15463E, h25km, MW5.4/86, Moment Tensor Solution, s86,c140; s83,c151;

ISC 13 10:56:58.4±0.1, 666S:003-15466E.002, h31km, h31km±1.4km, p-P, n469, e883/440, mb5.2/85, MS4.7/32, 93C-85D, Bougainville - Solomon Islands region

Main table listing station data with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HNR Honiara, PMG Port Moresby, COEN Coen, etc.

Main table listing station data with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BCPH Baguio City Da, APYV Conner, BOLP Bolinao, etc.

Main table listing station data with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KMI comp=N,343nm,18.1s,MS4.7, KMI comp=E,360nm,19.6s,MS4.7, etc.



LSA	comp=Z,490nm,24.0s,MS4.7	Lhasa	70.81 304	eP	P	11 08 13.9 +1.5
LSA	comp=Z,50nm,0.8s,mb5.5	Lhasa	70.81 304	eP	Pmax	11 08 13.9 +1.5
VNDA	comp=Z,50nm,0.8s,mb5.5	Vanda	70.92 178	P	P	11 08 12.5 +0.3
VNDA		Vanda	70.92 178	eP	LR	11 08 13.0
VNDA	comp=Z,7.9nm,0.8s,mb4.7,baz=333,slow=4.4,SNR=9.6	Vanda	70.92 178	P	LR	11 08 12.5 +0.3
YAK	comp=Z,332nm,18.4s,MS4.6,baz=1.2,slow=32	Yakutsk	71.16 348	eP	P	11 08 12.0 -1.8
YAK		Yakutsk	71.16 348	eP	P	11 08 19.4 -4.1
YAK		Yakutsk	71.16 348	eP	P	11 08 31.6
YAK		Yakutsk	71.16 348	eP	P	11 10 58.8
YAK		Yakutsk	71.16 348	eP	P	11 18 00.7 +1.6
YAK		Yakutsk	71.16 348	eP	P	11 18 17.6
YAK	comp=Z,18nm,1.0s,mb5.0					
YAK	comp=N,8.0nm,1.2s					
YAK	comp=E,4.0nm,1.4s					
YAK	comp=Z,12nm,0.6s,mb5.0					
YAK	comp=N,2.0nm,0.4s					
YAK	comp=E,2.0nm,0.5s					
YAK	comp=Z,344nm,21.0s,MS4.6					
YAK	comp=N,235nm,17.0s,MS4.6					
ZAK	comp=E,116nm,14.0s,MS4.6	Zakamensk	72.04 328	eP	P	11 08 18.9 -0.4
ZAK		Zakamensk	72.04 328	eP	Pmax	
BOD	comp=Z,10.0nm,1.2s,mb4.6	Bodaibo	72.19 339	eP	P	11 08 15.4 -4.6
BOD		Bodaibo	72.19 339	eP	Pmax	
TLY	comp=Z,6.0nm,1.3s,mb4.4	Talaya	72.61 330	eP	P	11 08 22.1 -0.6
TLY		Talaya	72.61 330	eP	Pmax	
TLY	comp=Z,5.0nm,0.9s,mb4.4					
TLY	comp=N,204nm,17.0s					
IRK	comp=Z,25nm,0.9s,mb5.1	Irkutsk	72.63 330	eP	Pmax	11 08 21.5 -1.3
IRK		Irkutsk	72.63 330	eP	Pmax	
TAPN	comp=Z,162nm,0.9s,mb5.0	Taplejung	72.94 301	eP	P	11 08 26.4 +1.2
ODAN	comp=Z,251nm,0.8s,mb6.2	Odare	73.08 301	eP	P	11 08 26.8 +0.8
BOK	comp=Z,53nm,0.9s,mb5.5	Bokaro	73.55 297	eP	P	11 08 29.1 +0.3
BOK		Bokaro	73.55 297	eP	P	11 08 31.8
MOY	comp=Z,53nm,0.9s,mb5.5	Mondy	73.96 329	eP	P	11 08 30.6 0.0
JIRN		Jiri	74.33 301	eP	P	11 08 34.4 +1.1
VIS		Vishakhapatnam	74.44 290	eP	P	11 08 34.1 -0.1
VIS		Vishakhapatnam	74.44 290	eP	P	11 08 42.4
GUN	comp=Z,48nm,1.3s,mb5.2	Gumba	74.66 301	eP	P	11 08 36.2 +0.9
GAMB	comp=Z,235nm,0.8s,mb6.2	Gambell	74.68 15	eP	P	11 08 34.5 -0.1
GAMB		Gambell	74.68 15	eP	P	11 08 45.3 +0.9
GAMB		Gambell	74.68 15	eP	P	11 08 37.6 +0.5
PKI	comp=Z,145nm,1.0s,mb5.9	Pulchoki	74.97 301	eP	P	11 08 35.6 -0.7
BILL	comp=Z,43nm,1.1s,mb5.3	Bilibino	74.98 4	eP	P	11 08 46.9
BILL		Bilibino	74.98 4	eP	P	11 08 35.6 -0.6
BILL		Bilibino	74.98 4	eP	P	
PALK	comp=Z,15nm,0.9s,mb5.2	Pallekele	75.06 279	eP	P	11 08 37.6 -0.3
PALK	comp=Z,19nm,1.4s,mb5.0	Pallekele	75.06 279	eP	P	11 08 38.7 +0.7
KKN	comp=Z,125nm,0.7s,mb5.9	Kakani	75.14 301	eP	P	11 08 39.4 +0.8
DMN	comp=Z,314nm,0.9s,mb6.2	Daman	75.24 301	eP	P	11 08 42.0 +0.5
GKN	comp=Z,258nm,0.9s,mb6.2	Gorkha	75.74 301	eP	P	11 08 45.4 -0.6
BLSP	comp=Z,41nm,1.5s,mb5.2	Bilaspur	76.50 295	eP	P	11 08 52.1
BLSP		Bilaspur	76.50 295	eP	P	11 08 45.4 -0.6
KOLN	comp=Z,135nm,0.7s,mb5.0	Koldanda	76.57 300	eP	P	11 08 46.5 +0.3
TNA	comp=Z,135nm,0.7s,mb5.0	Tin City	77.09 15	eP	P	11 08 48.2 -0.1
WMQ	comp=Z,21nm,1.4s,mb4.9	Urumqi	76.36 317	eP	P	11 08 56.3 +0.4
WMQ		Urumqi	76.36 317	eP	P	11 09 06.3 +1.1
WMQ		Urumqi	76.36 317	eP	P	11 18 47.8 -1.6
WMQ		Urumqi	76.36 317	eP	P	11 19 10.6 -3.6
WMQ		Urumqi	76.36 317	eP	P	11 23 53.3 +0.5
WMQ	comp=Z,21nm,1.4s,mb4.9					
WMQ	comp=Z,68nm,7.5s					
WMQ	comp=N,257nm,24.0s,MS4.6					
WMQ	comp=E,187nm,24.0s,MS4.6					
WMQ	comp=Z,203nm,22.1s,MS4.4					
KOD	comp=Z,33nm,1.8s,mb5.0	Kodaikanal	76.67 282	eP	P	11 08 57.6 -0.6
KOD		Kodaikanal	76.67 282	eP	P	11 09 06.3
HYB	comp=Z,58nm,2.8s,mb5.0	Hyderabad	78.85 289	eP	P	11 08 59.5 +0.4
HYB		Hyderabad	78.85 289	eP	P	11 08 59.5 +0.4
TRD	comp=Z,46nm,1.8s,mb5.1	Trivandrum	78.91 280	eP	P	11 08 58.5 -1.1
TRD		Trivandrum	78.91 280	eP	P	11 09 07.6
NGP	comp=Z,14nm,1.9s,mb4.6	Nagpur	79.10 293	eP	P	11 08 59.6 -0.8
NGP		Nagpur	79.10 293	eP	P	11 09 06.3
TIXI	comp=Z,64nm,1.9s,mb5.2	Tiksi	79.98 352	eP	P	11 09 03.8 -0.4
TIXI		Tiksi	79.98 352	eP	P	11 09 02.8 -1.4
TIXI		Tiksi	79.98 352	eP	P	
AKL	comp=Z,40nm,0.9s,mb5.3	Akola	80.88 292	eP	P	11 09 09.8 -0.3
AKL		Akola	80.88 292	eP	P	11 09 16.6
BHPL	comp=Z,40nm,0.9s,mb5.3	Bhopal	80.99 295	eP	P	11 09 10.3 -0.3
BHPL		Bhopal	80.99 295	eP	P	11 09 12.0
IMA2	comp=Z,38nm,1.2s,mb5.2	Indian Mountai	81.59 19	eP	P	11 09 12.4 -0.5
MCK	comp=Z,38nm,1.2s,mb5.2	McKinley	81.87 22	eP	P	11 09 13.2 -1.2
MCK		McKinley	81.87 22	eP	P	11 09 13.2 -1.2
MCK		McKinley	81.87 22	eP	P	
NDI	comp=Z,38nm,1.2s,mb5.2	New Delhi	82.26 300	eP	P	11 09 15.0 -2.2
NDI		New Delhi	82.26 300	eP	P	11 09 17.4
COLA	comp=Z,64nm,1.7s,mb5.3	College	82.89 21	eP	P	11 09 18.4 -1.3
COLA		College	82.89 21	eP	P	11 09 16.8 -2.9
MK31	comp=Z,19nm,1.0s,mb5.1	Makanchi Array	82.94 319	eP	P	11 09 20.7 +0.4
MKAR	comp=Z,16nm,0.7s	Makanchi Array	82.94 319	eP	P	11 09 20.1 -0.2
MKAR		Makanchi Array	82.94 319	eP	P	11 09 20.1 -0.2
OSPA	comp=Z,16nm,0.7s,mb5.1,baz=103,slow=4.7,SNR=145	South Pole Qui	83.31 180	eP	P	11 09 22.5 +0.8
POO	comp=Z,16nm,0.7s,mb5.1	Poona	83.45 289	eP	P	11 09 23.0 -0.6
POO		Poona	83.45 289	eP	P	11 09 23.6
POO		Poona	83.45 289	eP	P	
ZALV	comp=Z,33nm,1.2s,mb5.2	Zalesovo	83.72 326	eP	P	11 09 22.8 -1.4
ZALV	comp=Z,10nm,0.8s,mb5.0,baz=110,slow=5.6,SNR=47	Zalesovo	83.73 326	eP	P	11 09 22.8 -1.4
AJM	comp=Z,33nm,1.2s,mb5.2	Ajmer	84.07 297	eP	P	11 09 26.1 -0.6
AJM		Ajmer	84.07 297	eP	P	11 09 27.5
THN	comp=Z,115nm,1.1s,mb5.9	Thain Dam	84.28 303	eP	P	11 09 26.2 -1.4
MAW	comp=Z,7.4nm,0.6s,mb5.0	Mawson	84.57 203	eP	P	11 09 28.4 +0.1
MAW		Mawson	84.57 203	eP	P	11 09 29.0
MAW		Mawson	84.57 203	eP	P	11 09 28.4 +0.1
MAW	comp=Z,7.0nm,0.6s	Mawson	84.57 203	eP	P	11 09 28.4 +0.1
MAW		Mawson	84.57 203	eP	P	11 09 28.4 +0.1
MAW		Mawson	84.57 203	eP	P	11 09 28.4 +0.1
MAW	comp=Z,396nm,18.0s,MS4.8,baz=73,slow=34					11 44 27.2

EGAK	comp=Z,18nm,1.1s,mb5.1	Eagle	85.34 23	eP	P	11 09 32.1 0.0
KSH	comp=Z,18nm,1.1s,mb5.1	Kashi	85.54 310	eP	PP	11 09 35.6 +1.9
KSH		Kashi	85.54 310	eP	PP	11 12 57.3 +4.6
KSH		Kashi	85.54 310	eP	PP	11 15 56.6
KSH		Kashi	85.54 310	eP	PP	11 20 02.8 -0.8
KSH	comp=N,1.1um,7.6s					
KSH	comp=E,1.1um,8.1s					
KSH						
DAWY	comp=Z,793nm,6.4s	Dawson	85.73 24	eP	P	11 09 34.5 +0.4
KURK		Kurchatov	86.36 322	eP	P	11 09 36.5 -1.0
KURK		Kurchatov	86.36 322	eP	P	11 09 36.5 -1.9
FRU		Bishkek	87.23 314	eP	P	11 09 42.0 0.0
FRU		Bishkek	87.23 314	eP	P	
AAK	comp=Z,40nm,2.0s,mb5.3	Ala-Archa	87.28 313	eP	P	11 09 42.3 +0.1
AAK	comp=Z,5.0nm,0.8s,mb4.8	Ala-Archa	87.28 313	eP	P	11 09 41.1 -1.1
AAK		Ala-Archa	87.28 313	eP	P	
BBB	comp=Z,22nm,2.3s,mb5.0	Bella Bella	87.46 37	LR	LR	11 44 29.7
BBB	comp=Z,68nm,18.9s,MS5.0,baz=183,slow=33	Glendale	87.55 0.0	eP	P	11 09 45.8 +1.0
001C	comp=Z,2.5nm,0.8s,mb4.8	El River Cons	87.81 49	eP	P	11 09 45.8 +1.0
DLBC	comp=Z,27nm,0.2s,mb6.0	Dease Lake	88.03 31	eP	P	11 09 46.1 +0.7
BHJ		Bhuj	88.03 294	eP	P	11 09 43.8 -2.4
BHJ		Bhuj	88.03 294	eP	P	11 09 47.4
H02A		Toledo	88.51 45	eP	P	11 09 48.8 +0.8
K02A		Glendale	88.53 47	eP	P	11 09 48.0 -0.1
CVS		Carmen Viney	88.53 51	eP	P	11 09 49.2 +0.9
GASB		Alder Springs	88.55 50	eP	P	11 09 48.7 +0.4
J02C		Umpqua	88.57 46	eP	P	11 09 48.5 +0.2
002C		Red Bluff	88.59 49	eP	P	11 09 48.3 -0.2
MNRC		McLaughlin Nat	88.64 51	eP	P	11 09 49.1 +0.3
M02C		Callahan	88.75 48	eP	P	11 09 50.2 +1.0
HUMO		Hull Mountain	88.89 47	eP	P	11 09 50.0 +0.1
YBH		Yreka Blue Hor	88.92 48	eP	P	11 09 50.4 +0.4
HAST		UC Hastings Re	88.93 51	eP	P	11 09 50.5 +0.3
J03A		Ideyld Park	89.03 46	eP	P	11 09 50.6 +0.2
D03A		Wishkah Elem.	89.12 43	eP	P	11 09 50.8 0.0
V03C		Hunter Liggett	89.13 54	eP	P	11 09 49.9 -1.2
003C		Acorn Hollow,	89.13 50	eP	P	11 09 51.7 +0.7
E03A		Lebam	89.16 43	eP	P	11 09 51.0 -0.1
SUTB		Sutter Butte	89.20 51	eP	P	11 09 51.1 -0.2
PACP		Pacheco Peak	89.24 53	eP	P	11 09 51.3 -0.3
M03C		McCloud	89.27 48	eP	P	11 09 52.1 +0.4
S04C		Ingram Canyon,	89.28 52	eP	P	11 09 52.1 +0.3
OHCM		Honcut	89.45 50	eP	P	11 09 52.6 0.0
Q04C		Lincoln	89.45 51	eP	P	11 09 52.3 -0.3
ORV		Oroville	89.47 50	eP	P	11 09 52.7 +0.1
B04A		Port Angeles	89.48 42	eP	P	11 09 52.5 0.0
INK		Inuvik	89.53 21	eP	P	11 09 50.7 -1.5
INK		Inuvik	89.53 21	eP	P	11 09 50.4 -1.9
INK		Inuvik	89.53 21	eP	P	11 47 29.8
U04C	comp=Z,706nm,20.2s,MS5.1,baz=254,slow=34	Hernandez Rese	89.53 53	eP	P	11 09 54.2 +1.1
M04C		Macdoel	89.57 48	eP	P	11 09 52.6 -0.5
J04A		Umpqua Nationa	89.61 47	eP	P	11 09 53.4 +0.1
G04A		Mulino	89.67 45	eP	P	11 09 52.5 -1.0
PKD		Parkfield	89.67 54	eP	P	11 09 54.0 +0.2
HATC		Hat Creek Radi	89.69 49	eP	P	11 09 54.1 +0.4
C04A		Brinnon	89.77 42	eP	P	11 09 53.8 0.0
H04A		Detroit Lake	89.79 45	eP	P	11 09 53.3 -0.7
GNW		Green Mountain	89.84 42	eP	P	11 09 53.8 -0.3
O04C		Chestnut	89.90 50	eP	P	11 09 55.2 +0.6
LAVA		Lava Cap Winer	89.93 51	eP	P	11 09 55.2 +0.4
O05C		Quincy	89.97 50	eP	P	11 09 54.8 -0.2
M05C		Lookout	90.01 48	eP	P	11 09 55.8 +0.7
SMMC		Simmler	90.02 55	eP	P	11 09 55.3 -0.1
S05C		Merced	90.05 53	eP	P	11 09 55.7 +0.3
CMB		Columbia Colle	90.10 52	eP	P	11 09 55.9 +0.3
PKM		Peak Mountain	90.11 55	eP	P	11 09 56.6 +0.8
KBL		Kabul	90.14 305	eP	P	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like S10A, B09A, SHOC, U10A, B10C, BWC, SAM W. Stewart, BMO, BMO, Q10A, R10A, T10A, P10A, K10A, O10A, N10A, F10A, GMRC, J10A, D10A, A10A, B10A, E10A, C10A, L10A, S11A, NEW, V11A, IRM, U11A, P11A, Q11A, O11A, N11A, GLA, M11A, SHRP, L11A, H11A, D11A, H11A, F11A, E11A, W12A, V12A, B11A, A11A, Y12C, NEE2, T12A, P12A, N12A, Q12A, U12A, R12A, L12A, J12A, PDMCI, A12A, B12A, K12A, D12A, Y13A, W13A, X13A, T13A, N13A, HLID, M13A, H13A, F13A, G13A, I13A, L13A, B13A, ARUT, E13A, CCUT, W14A, X14A, S14A, T14A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WALA, G14A, DUG, YKA, YKA, YKA, YKA, X15A, EDM, MSU, E15A, G15A, WUAZ, BOZ, EGMT, PDAR, PDAR, ARU, ARU, ARU, ARU, ARU, ARU, AKTO, MVCO, SMCO, TXAR, TXAR, TXAR, TXAR, KIV, MALT, MALT, MALT, KMB, KMB, KMB, KMB, AKASG, AKASG, AKASG, AKASG, AKASG, AKASG, BRTR, BRTR, BRTR, BRTR, NOA, NOA, NOA, BOS, BOS, BOS, BOS, SCH, SCH, LHS, LHS, LSZ, LSZ, VYHS, VYHS, BRG, BRG, CLL, CLL, KHC, KHC, KHC, GERS, GERS, GERS, GERS, TSUM, ROSC, ROSC, LPAZ, LPAZ, LPAZ, LPAG, LPAG, TOAD, TOAD, TOR, TOR, TOR, TOR, LIC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like MAW, LPAZ, ASAR, TXAR, SONM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CNCH, BLLM, CAHU, TEL3, TELN, SNVI, LCBS, LFRS, LFRS, LFRS, LFU, LFU, MOMJ, COPN, BOQS, APYN, KAVN, XAVN, TISN, TISN, HUAN, HUAN, TICN, TICN, SBL, SBL, RBDL, SSNN, JCR, CGAG, PRS1, LCR2, QCR, URSC, URSC, BARI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like LSA, GUN, GUN, KKN, JIRN, DMI, PKN, KOLN, TAPN, ODAN, AAK, AAK, MK31, MKAR, MKAR, MKAR, KUR, KUR, KUR, ZAL, ZAL, SONM, SONM, ZAK, ZAK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CASC, LFRS, LFRS, LCBS, LCBS, SNET, SNET, BOOS, BOOS, AKTO, AKTO, KIV, KIV, ANN, ANN, BRTR, BRTR, TIXI, TIXI, AKASG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like LSA, GUN, GUN, KKN, JIRN, DMI, PKN, KOLN, TAPN, ODAN, AAK, AAK, MK31, MKAR, MKAR, MKAR, KUR, KUR, KUR, ZAL, ZAL, SONM, SONM, ZAK, ZAK, ULN, ULN, ULN, AKTK, AKTK, AKTO, AKTO, KIV, KIV, ANN, ANN, BRTR, BRTR, TIXI, TIXI, AKASG.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, ARU Arti, PRGR Permogore, etc.

IDC 13 13:24:45.2.0.8, 4649N, 15628E, h0km, mb3.7/9, mb1 3.9/11, mb1mx3.8/24, mbtmp3.7/11, ML3.2/2, Error ellipse: s-maj=24.7km s-min=18.8km az=157.0

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

IDC 13 13:47:59.7.16.0, 3698N, 72.10E, h141km, 105km, mb3.3/5, mb1 3.4/8, mb1mx3.2/23, mbtmp3.3/8, ML3.9/3, Error ellipse: s-maj=146.2km s-min=25.7km az=8.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBL Kabul, THN Thein Dam, DLH Dalhousie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLP Joshimat, JOSI Khetri, KHET Khetri, etc.

IDC 13 13:55:28.8.0.8, 135N, 01.5127E, h10km, mb3.7/6, Error ellipse: s-maj=18.7km s-min=8.6km az=1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MUKL Al Mukalla, MUKL Mukalla, BDHA Al Bayda, etc.

IDC 13 14:05:16.1.1.1, 083N, 125.98E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.6/17, mbtmp3.6/5, Error ellipse: s-maj=134.5km s-min=18.7km az=68.0

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

IDC 13 14:05:48.2, 1056N, 61.02W, h34km, MD3.0(TRN), After TRN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TBH Brigand Hill, TRN Trinidad (W), TRN Trinidad, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa, PUK Puketiti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, SONM Songoing Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, MKAR Makanchi Array, FINES FINESS Array B, etc.

IDC 13 14:31:33.1.0.7, 4666N, 155.53E, h0km, mb3.8/11, mb1 4.0/13, mb1mx3.9/24, mbtmp3.8/13, ML3.7/2, MS3.0/2, Ms1 3.0/2, ms1mx2.4/32, Error ellipse: s-maj=22.2km s-min=16.9km az=149.0

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZAK Zakamensk, ZAK Zakamensk, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZIIG Zihuatanejo, CAIG El Cayaco, CAIG El Cayaco, etc.

MEX 13 14:44:55.6.1.0, 1769N, 101.31W, h20km, 19km, MD3.6, Near east coast of Guerrero



Table with columns: ID, Name, Time, Status, and other details. Includes entries like HEC Hector Ludlow, V11A Goodspurs, ARUT Antelope Range, etc.

Table with columns: ID, Name, Time, Status, and other details. Includes entries like MTUM Tungsten Hill, IMW Indian Meadow, IMW Carvers, etc.

Table with columns: ID, Name, Time, Status, and other details. Includes entries like MFD Camas Ranch, LAVA Lava Cap Winer, P06A Stead Airport, etc.





13d 14h

Table with columns for location, time, and score. Includes entries like EDI Edinburgh, KWFE La Foliniere, FLN La Foliniere, etc.

2007 FEB

Table with columns for location, time, and score. Includes entries like LOR, SVWZ Sparrehow, VIVF Saint-Julien-I, etc.

426

Table with columns for location, time, and score. Includes entries like KEST Keera, PGF Ploggiola, MAIT TNS, etc.













13d 19h

2007 FEB

Table with columns for station code, name, frequency, and signal strength. Includes stations like KMI, NWAO, PBA, ENH, STKA, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like BJI, Lanzhou, TOO, CNB, SNY, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like BLS, DMN, TAU, GKN, KOD, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like COLA College, VRSR Storozhevo, RKT Rikitea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EPF Esparros, EPF Esparros, ETSF Etsaut, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAJ Asahikawa, NJ2 Nanjing, YSS Yuzh-Sakhalins, etc.





Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like F15A Butte, LTX Lajitas, LTX Lajitas, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like A07A Ashnola River, H09A Durkee, T14A Hurricane, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like O07A Toulon, TUQ Turquoise Mtn., IRM Iron Mountain, etc.













Table with columns: Station, Name, Time, Frequency, Mode, and other technical details. Includes stations like Kingsbay, Esparros, Habr, MTLF, CAF, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other technical details. Includes stations like CLL, KBA, KBA, KBA, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other technical details. Includes stations like BJI, BJI, BJI, etc.







14d 1h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K04A Chiquin, M02C Callahan, D10A Wagner Farm, etc.

2007 FEB

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O05C Quincy, CVS Carzenet Viney, I10A Payne, etc.

448

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BMN Battle Mountain, K12A Draper Farm, BOZ Bozeman, etc.





14d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like IAS lasi, OJC Ojcow, and LTX Lajitas.

2007 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like VYHS, MRL Muntele Rosu, and PSZ Piszkesteto.

450

Table with columns for station name, frequency, power, and other technical details. Includes stations like TOD Tromm, ABH Alteburg, and SKP1 Kaphier.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like HMF Hinterfeld, APPI Appiano, DAVOX Davos/Dischmat, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MFF Saint Martin d, JSC Jenkingsville, PYM Petit Puy Mans, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like LIC Lamto, MAW Mawson, MAW Mawson, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WALA, WDC, WVOR, CHMT, HLID, BOZ, EGMT, NVAR, MOOW, REDW, LOHW, YKA, BW06, PDAR, MCK, SRU, FFC, INK, INK, PHVY, PV01, SMCO, WUAZ, IMA2, SDCO, ULM, ULM, FCC, TUC, ANMO, BNM, ECSD, EYMN, AMTX, MNXT, LTX, TXAR, GERS, AKASG, MKAR.

NIED 14 03:26:00, 2200N:121.20E, h14km, Mw4.7 Best double couple: M=1.18000e+10 NPI=1.760000e+05, 0.500000e+00, lambda=12.00000e+00, NP2=273.00000e+00, 0.810000e+00, lambda=14.00000e+00
IDC 14 03:26:14.7e-0.5, 2213N:120.99E, h0km, mb4.2/17, mb1.4, 3/19, mb1mx4.3/25, mbtmp4.2/19, ML2.9/1, MS3.8/1, Ms1.3/1.8, ms1mx2.2/24, Error ellipse: s-maj=25.6km s-min=17.1km az=67.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NACB, YHNB, TATO, QZH, QZH, QZH, GZH, GZH, JOW, JOW, JOW, NJ2, NJ2, NJ2, WHN, WHN, KSRs, CD2, CD2, CD2, CD2, BJT, BJT, BJT.

Table with columns: HHC, HHC, LZH, LZH, LZH, LZH, MAJO, MAJO, MAJO, MAJO, CHTO, CHTO, CHTO, KSM, LSA, Ulan, Ulan, Ulan, SOMN, YSS, YSS, ZAK, ZAK, TLY, TLY, KAKA, MK31, MKAR, MKAR, FITZ, FITZ, FITZ, PMG, PMG, ZALV, ZALV, ZAL, MBWA, TKM2, TKM2, MA2, MA2, KURK, KURK, AAK, WRA, WB2, ASAR, ASAR, CTA, CTA, CTA, CTA, CTA, CTA, BRVK, BRVK, BRVK, BRVK, TIXI, TIXI, FOR, FOR, BILL, BILL, AKTK, AKTK, ARU, ARU, ARU, ARU, STKA, STKA, TOO, TOO, TOO, OBN, OBN, JOF, JOF, MALT, MALT, MALT, MALT, ARCES, ARCES, FINES, FINES, BRTR, BRTR, AKASG, INK, INK, NOA, RES, MORC, MORC.

Table with columns: MORC, VRAC, GERS, YKA, YKA, YKA, MAW, MAW, MAW, VNA2, VNA2, VNA3, VNA3, VNA3.

ISK 14 03:26:28.0, 3892N:44.30E, h5km, MD3.1 ISCJB 14 03:26:32.0, 1.6, 3885N:0.04, 44.1E, 0.1, h4km, 13km, Error ellipse: s-maj=14.6km s-min=6.5km az=7.2
CSEM 14 03:26:33.1, 0.6, 3885N:43.91E, h16km, 3km, MD3.2, Error ellipse: s-maj=13.2km s-min=6.3km az=86.0
DDA 14 03:26:33.4, 3883N:44.04E, h7km, 3km, MD3.2
ISC 14 03:26:32.2, 1.5, 3883N:0.04, 44.2E, 0.1, h2km, 14km, n13, 1905/13, 2C-1D, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VANB, VANB, TVAN, TVAN, VANT, VANT, DYND, DYND, AGRB, AGRB, TUTA, HKR, HKR, HAKT, HAKT, BTMT, BTMT.

NIED 14 03:30:00, 2230N:121.10E, h14km, Mw4.6 Best double couple: M=9.23000e+10 NPI=1.640000e+07, 0.470000e+00, lambda=13.00000e+00, NP2=263.00000e+00, 0.810000e+00, lambda=13.00000e+00
NEIC 14 03:30:39.0, 2.2214N:121.09E, h10km, mb4.7/42, ML5.0(TAP), Error ellipse: s-maj=7.4km s-min=5.2km
NEIC Recorded [3 TAP] in Tai-tung; [2 TAP] in Kao-hsiung and Ping-tung Counties.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NACB, YHNB, TATO, YHNB, HATJ, HATJ, IRIF, IRIF, JKR, JKR, JUI, JUI, QZH, QZH, QZH, QZH, TARA, TARA, JMU, JMU, JOGS, JOGS, JOE, JOE, JOE, JOE, NJ2, NJ2, NJ2, WHN, WHN, WHN, JNU, JNU, JNU, XAN, XAN, XAN, XAN, KSRs, KSRs, CD2, CD2, CD2, CD2, BJT, BJT, BJT, HHC, HHC, LZH, LZH, LZH.







Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CLM, ANMO, LTX, TXAR, TOR, etc.

NEIC 14 03:56:20.5, 1836N, 99.52W, h52km, MD3.7(MEX), After MEX.

MEX 14 03:56:20.7, 0.6, 1831N, 99.44W, h51km, 6km, MD3.7, Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLIG, MEIG, IIO, CAIG, ACX, etc.

ISK 14 04:33:30.8, 3924N, 40.80E, h5km, MD2.8. Error ellipse: s-maj=8.1km s-min=5.4km az=148.9.

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

ISCJB 14 04:49:54.6, 0.8, 3982N, 0.06E, 26.5E, 0.1, h12km, 13km. Error ellipse: s-maj=15.2km s-min=8.9km az=22.4.

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

BUI 14 05:02:12.2, 2214N, 143.26E, h23km, mb5.1, mb4.8, Ms4.8, Ms2.5.

MOS 14 05:02:13.5, 0.8, 2195N, 142.94E, h33km, mb5.0/34. Error ellipse: s-maj=12.7km s-min=7.0km az=106.2.

ISCJB 14 05:02:14.4, 1.6, 2194N, 0.04E, 142.95E, 0.06, h39km, 13km, mb4.0/70, MS3.8/14. Error ellipse: s-maj=8.2km s-min=7.4km az=166.7.

NEIC 14 05:02:15.4, 0.2, 2197N, 143.03E, h35km, mb4.8/45. Error ellipse: s-maj=6.7km s-min=6.1km az=89.0.

IDC 14 05:02:17.6, 1.4, 2196N, 0.04E, 143.02E, 0.06, h53km, 12km, n161, 0.8/89/146, mb4.6/70, MS3.8/14, 8C-3D, Mariana Islands region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, HNR, COEN, MA2, ULN, etc.

Port Moresby 31.43 172 P P 05 08 32.0 -2.0. Error ellipse: s-maj=1.15km s-min=0.95km az=317.5.

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

WARRAMUNGA ARR 42.50 192 P P 05 10 07.0 -0.8. Error ellipse: s-maj=1.15km s-min=0.95km az=192.5.

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

WARRAMUNGA ARR 42.50 192 P P 05 10 07.0 -0.8. Error ellipse: s-maj=1.15km s-min=0.95km az=192.5.

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

WARRAMUNGA ARR 42.50 192 P P 05 10 07.0 -0.8. Error ellipse: s-maj=1.15km s-min=0.95km az=192.5.

WARRAMUNGA ARR 42.50 192 P P 05 10 07.0 -0.8. Error ellipse: s-maj=1.15km s-min=0.95km az=192.5.

WARRAMUNGA ARR 42.50 192 P P 05 10 07.0 -0.8. Error ellipse: s-maj=1.15km s-min=0.95km az=192.5.

WARRAMUNGA ARR 42.50 192 P P 05 10 07.0 -0.8. Error ellipse: s-maj=1.15km s-min=0.95km az=192.5.

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

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

Yellowknife Arr 76.30 28 P P 05 14 19.8 -1.3. Error ellipse: s-maj=2.8km s-min=2.0km az=283.5.

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

Yellowknife Arr 76.30 28 P P 05 14 19.8 -1.3. Error ellipse: s-maj=2.8km s-min=2.0km az=283.5.

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

Yellowknife Arr 76.30 28 P P 05 14 19.8 -1.3. Error ellipse: s-maj=2.8km s-min=2.0km az=283.5.

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

Yellowknife Arr 76.30 28 P P 05 14 19.8 -1.3. Error ellipse: s-maj=2.8km s-min=2.0km az=283.5.

Yellowknife Arr 76.30 28 P P 05 14 19.8 -1.3. Error ellipse: s-maj=2.8km s-min=2.0km az=283.5.

Yellowknife Arr 76.30 28 P P 05 14 19.8 -1.3. Error ellipse: s-maj=2.8km s-min=2.0km az=283.5.

Yellowknife Arr 76.30 28 P P 05 14 19.8 -1.3. Error ellipse: s-maj=2.8km s-min=2.0km az=283.5.

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











Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUCHEONERABU, KASHINEV, and various Romanian stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANARITO, VILLA DEL ROSA, ELORZA, and various Romanian stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZIMR, BURAR, BUCOVINA ARRAY, and various Romanian stations.

Summary text at the bottom of the page, including station identifiers and coordinates: IDC 14 06:34:11.2-1.7, 870N-7137W, h0km, mb3.5/2, mb1 3.8/4, ...

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MORAVSKY BEROU, BOYAT, CONRAD, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AVRIL SUR LOIR, AVF, LASF, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ARCÉS, ARCESS ARRAY B, etc.

14C 14 07:10:29.0t.1.1, 4799Nk:15465E, h0km, mb3.6/8, mb1 3.8/8, mb1mx3.6/22, mbtmp3.6/8, Error ellipse: s-maj=29.9km s-min=29.4km az=104.0

NEIC 14 07:10:30.7.0.8, 4799Nk:15463E, h10km, Error ellipse: s-maj=23.0km s-min=21.0km az=162.0

ISCJB 14 07:10:35.4.1, 481Nk:01:1547E:02, h56km, 15km, mb3.6/8, Error ellipse: s-maj=31.4km s-min=12.5km az=36.0

MOS 14 07:10:36.2.1.6, 482Nk:15448E, h64km, mb4.2/3, Error ellipse: s-maj=31.0km s-min=31.0km az=78.8

ISC 14 07:10:37.4.1.6, 482Nk:01:1548E:02, h57km, 13km, n16, o86/17, mb3.6/8, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, ERM Ermo, etc.

14C 14 07:12:28.0t.1.1, 1506Nk:14721E, h0km, mb4.0/8, mb1 4.1/9, mb1mx3.9/21, mbtmp4.0/9, ML3.9/1, MS3.3/1, Ms1 3.3/1, ms1mx2.5/31, Error ellipse: s-maj=35.6km s-min=18.5km az=103.0

ISCJB 14 07:12:29.2.6.7, 151Nk:01:1473E:01, h19km, 47km, mb4.1/9, Error ellipse: s-maj=25.1km s-min=15.5km az=32.1

NEIC 14 07:12:33.6.0.7, 1506Nk:14712E, h35km, Error ellipse: s-maj=22.2km s-min=10.5km az=102.0

ISC 14 07:12:28.8.6.7, 151Nk:01:1473E:01, h5km, 42km, n13, o85/15, mb4.1/9, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUMO Guam, WBA Warramunga Arr, etc.

Table with 4 columns: Station Name, Frequency, Power, and Azimuth. Includes stations like MVU, FINES, and NEIC.

NEIC 14 07:28:54.2, 38185x17802E, h37km, ML3.8(WEL), After WEL. WEL 14 07:28:54.3, 0.2, 3820S-17803E, h36km, 3km, ML3.6/5, 2D, Error ellipse: s-maj=2.4km s-min=2.0km az=90.0, Off east coast of North Island

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PUKETITI, MATAWAI, MATAKAOA POINT, etc.

BUI 14 07:32:45.6, 1334N-12415E, h72km, mB5.2, mb4.8. MOS 14 07:32:49.0, 9, 1418N-12355E, h33km, mb4.9/17, Error ellipse: s-maj=22.3km s-min=7.6km az=122.0

NEIC 14 07:32:55.9, 0.3, 1412N-12356E, mb4.9/15, Error ellipse: s-maj=10.9km s-min=4.5km az=61.0. NEIC Felt [IV PIVS] at Daet and [III PIVS] at Guinayangan.

Main station list table for Luzon region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VIRAC, GUINAYANGAN, BOAC, etc.

Main station list table for Lanzhou region with columns: Station Name, Frequency, Power, Azimuth. Includes stations like LANZHOU, KAKA, SHL, FITZ, etc.

Main station list table for Obninsk region with columns: Station Name, Frequency, Power, Azimuth. Includes stations like OBN, ARCES, BRTR, etc.

JNU	Nakatsue	9.59 269	Pn	Pn	08 12 22.4	-2.4
JNU	Nakatsue	9.59 269	LR	LR	08 16 06.2	
JNU	Nakatsue	9.59 269	Pn	Pn	08 12 22.4	-2.4
JNU	comp=N,4nm,0.3s,baz=98,slow=7.1,SNR=2.4		LR	LR	08 16 06.2	
ASAJ	Asahikawa	10.29 1	P	Pn	08 12 30.1	-4.4
ASAJ	comp=Z,5.0nm,0.3s		pmx	pmx		
ASAJ	comp=Z,664nm,19.5s		MLR	MLR		
ASAJ	Asahikawa	10.29 1	Pn	Pn	08 12 30.1	-4.4
ASAJ	comp=Z,5.1nm,0.3s,baz=198,slow=1.1,SNR=23		Sn	Sn	08 14 17.3	-1.1
ASAJ	comp=Z,4.2nm,0.3s,baz=29,slow=19,SNR=3.8		LR	LR	08 17 25.6	
YUK	Yuzh-Kuril'sk	10.57 14	P	Pn	08 12 32.6	-5.7
YUK	comp=Z,1.1um,9.0s		MLR	MLR		
KSRs	Korea Array	12.26 291	Pn	Pn	08 13 04.4	+2.9
KSRs	comp=Z,0.4nm,0.3s,baz=107,slow=1.4,SNR=13		Pn	Pn	08 13 01.4	-0.5
KS15	Wonju Array Si	12.29 291	eP	Pn	08 13 04.0	+1.2
VLA	Vladivostok	12.36 322	eS	Pn	08 13 09.0	+1.2
YSS	Yuzh-Sakhalins	13.13 1	eP	Pn	08 13 09.0	-4.3
YSS	Yuzh-Sakhalins	13.13 1	iP	Pn	08 13 09.0	-4.3
YSS	comp=Z,140nm,1.0s		pmx	pmx		
MDJ	Mudanjiang	14.60 321	P	Pn	08 13 32.8	-0.5
MDJ	comp=Z,115nm,3.9s		S	Sn	08 16 14.1	+0.4
MDJ	comp=N,541nm,16.2s		SCP	ScP	08 22 16.9	+1.3
MDJ	comp=E,829nm,15.1s		PcS	PcS	08 22 20.3	+0.5
MDJ	comp=Z,13nm,1.4s		AMB	AMB		
MDJ	comp=Z,1.15nm,3.9s		LR	LR		
MDJ	comp=N,541nm,16.2s		LR	LR		
MDJ	comp=E,829nm,15.1s		LR	LR		
HABR	Khabarovsk	15.62 342	eP	Pn	08 13 51.7	+5.0
HABR	comp=Z,145nm,1.2s		S	Sn	08 16 48.9	-3.7
HABR	comp=Z,145nm,1.2s		pmx	pmx		
CN2	Changchun	16.48 312	eP	Pn	08 13 58.0	+0.4
CN2	comp=Z,20nm,1.0s		eXP	S	08 14 10.3	-4.2
CN2	comp=Z,200nm,4.0s		eS	S	08 16 56.9	-1.3
CN2	comp=N,800nm,13.0s		eSS	AMB	08 17 18.4	
CN2	comp=N,800nm,13.0s		LR	LR		
CN2	comp=E,2um,13.0s		LR	LR		
CN2	comp=Z,1um,16.0s		LR	LR		
SNY	Shenyang	16.81 304	iP	Pn	08 14 01.9	+0.1
SNY	comp=Z,40nm,1.1s		AP	pP	08 14 10.6	-2.7
SNY	comp=Z,237nm,5.2s		XP	sP	08 14 15.3	-2.9
SNY	comp=N,1um,13.6s		PP	PP	08 14 21.0	
SNY	comp=E,881nm,13.6s		AMB	AMB		
SNY	comp=Z,874nm,16.1s		LR	LR		
SNY	comp=Z,874nm,16.1s		LR	LR		
KLR	Kul'dur	17.29 336	eP	Pn	08 14 02.2	-5.5
KLR	comp=E,45nm,1.6s		pmx	pmx		
KLR	comp=Z,68nm,1.6s		MLR	MLR		
KLR	comp=E,900nm,14.0s		MLR	MLR		
KLR	comp=Z,1um,14.0s		MLR	MLR		
DL2	Dalian	17.42 293	P	Pn	08 14 10.0	+0.6
DL2	comp=Z,80nm,0.8s		eS	AMB	08 17 23.0	-6.3
DL2	comp=Z,300nm,3.7s		AMB	AMB		
DL2	comp=N,990nm,13.9s		LR	LR		
DL2	comp=E,720nm,14.1s		LR	LR		
DL2	comp=Z,560nm,13.7s		LR	LR		
SSE	Sheshan	18.04 267	P	Pn	08 17 41.8	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.8	-0.3
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 18 49.8	-0.6
SSE	comp=N,376nm,16.2s		LR	LR		
SSE	comp=E,98nm,16.2s		LR	LR		
SSE	comp=Z,408nm,14.5s		LR	LR		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s		PcP	PcP	08 14 39.4	+1.4
SSE	comp=N,376nm,16.2s		S	S	08 18 16.0	-1.0
SSE	comp=E,98nm,16.2s		XS	XS	08 18 29.0	-3.5
SSE	comp=Z,408nm,14.5s		AMB	AMB		
SSE	Sheshan	18.04 267	P	Pn	08 14 18.6	+1.5
SSE	comp=Z,35nm,1.7s		S	PcP	08 17 41.7	-0.4
SSE	comp=Z,681nm,4.0s					

Table with columns for race name, time, distance, and other details. Includes entries like KURK Kurchatov, KADK Kodiak Island, IMA2 Indian Mountain, etc.

Table with columns for race name, time, distance, and other details. Includes entries like B05A Bryant, DAG Danmarks Havn, KOD4 Danmarks Havn, etc.

Table with columns for race name, time, distance, and other details. Includes entries like J05A Fort Rock, NEW Newport, K04A Chiguin, etc.





Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PKSM Moray, MANZ Manzenberg, KHC Kasperske Hory, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like GSPH General Santos, WRA Warramunga Arr, ASAR Air Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like GLA Glamis, MONP Monument Peak, BC3 Big Chuckw Mtn, etc.

IDC 14 08:12:28.3:1.5, 587N, 12665E, h0km, mb3.6/5, mb1 3.8/5, mb1 mx3.8/19, mb1mp3.6/5, Error ellipse: s-maj=108.2km s-min=21.1km az=22.0

IDC 14 08:33:52.4:1.2, 4638N, 15612E, h0km, mb3.6/4, Error ellipse: s-maj=3.9/4, mb1mx3.4/22, mb1mp3.6/4, Error ellipse: s-maj=44.3km s-min=3.4km az=132.0, East of Kuril Islands

INMG 14 09:11:09.8:0.7, 370DN, 1369W, h10km, ML2.6, Error ellipse: s-maj=5.2km s-min=4.0km az=92.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like PBEJ, PVAQ, PVAO, EGRO, PESTR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like TKM2, UCH, EKS2, KZA, ULHL, AML, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like FIA1, KAF, KAF, KAF, etc.

KNET 14 09:38:54.8±0.4, 4303N×7490E, h12km±3km, ml2.0, Error ellipse: s-maj=2.5km s-min=1.9km az=35.0
ISCJB 14 09:38:55.2±0.7, 4306N×004×7492E±0.04, h6km±5km, Error ellipse: s-maj=6.0km s-min=4.7km az=6.1
NNC 14 09:38:55.5±1.1, 4305N×7495E, h0km, mb3.1, mpv2.3, Error ellipse: s-maj=19.2km s-min=7.7km az=15.0
ISC 14 09:38:55.8±0.6, 4305N×003×7490E±0.04, h7km±6km, n13, ±0.66/23, 14C-7D, Central Kazakhstan

ISC 14 11:03:34.4±0.7, 5932N×003×271E±0.1, h0km, Error ellipse: s-maj=8.1km s-min=4.2km az=4.3
NAO 14 11:03:35.5±1.1, 5929N×2704E, ML2.2
HEL 14 11:03:36.1±0.1, 5930N×2722E, h0km, ML1.9, ML2.2(NAO), Explosion
BER 14 11:03:36.9±2.2, 5930N×2709E, h0km, ML2.2(NAO), Suspected explosion
ISC 14 11:03:38.4±1.9, 5944N×2722E, h0km, mb1.3/2.4, mb1mx3.0/2.2, mbtmp3.1/4, ML2.8/3, Error ellipse: s-maj=16.5km s-min=9.7km az=123.0
ISC 14 11:03:35.3±0.7, 5934N×003×271E±0.1, h0km, n23, ±1.18/36, Baltic States - Belarus - Northwestern Russia



Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Ulanbaatar, Songino Array, Chita, Zakamensk, Talaya, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ARU, ZEI, PRGR, VNSA, ATD, KIV, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like KAKA, FITZ, PMG, PSI, COEN, etc.

ISCJB 14 11:44:24.7d 0.6, 2542N, 006g, 9109E, 004, h10km, mb3.77, MS3.9, Error ellipse: s-maj=8.4km s-min=5.2km az=174.6

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SHL, SHS, SHL, etc.







CWC	Cottonwood Cre	72.03 321	↑P	P	14 33 06.8 +0.5
PKM	Peak Mountain	72.08 319	↑P	P	14 33 06.8 +0.2
PDAR	Pinedale Array	72.08 330	P	P	14 33 05.7 -0.8
PDAR	comp=Z,5.5nm,0.7s,mb4.6,baz=133,slow=7.3,SNR=39		sP		14 33 34.6 +1.0
PDAR	comp=Z,7.2nm,1.1s,baz=134,slow=8.6,SNR=25		LR		15 09 32.6
HWUT	Hardware Ranch	72.16 328	eP	P	14 33 06.0 -0.9
S10A	Tonopah Range,	72.12 323	P	P	14 33 07.8 +0.6
VES	Vestal, Richgr	72.24 320	P	P	14 33 07.9 +0.4
R10A	Warm Springs	72.27 323	↑P	P	14 33 08.6 +1.0
Q11A	Duckwater	72.29 324	P	P	14 33 08.4 +0.6
P12A	McGill	72.33 325	P	P	14 33 08.7 +0.7
SPUT	South Promonto	72.38 328	eP	P	14 33 08.2 0.0
BGU	Big Grassy Mou	72.39 327	eP	P	14 33 08.1 -0.3
SMMC	Simmler	72.46 319	↑P	P	14 33 09.3 +0.4
TIN	Tinena	72.54 321	↑P	P	14 33 09.9 +0.6
TPH	Tonopah	72.64 323	eP	P	14 33 10.3 +0.4
TPH	comp=Z,26nm,1.1s,mb5.1		pmax		14 33 10.3 +0.4
RCTC	Reactor, Farmer	72.64 320	↑P	P	14 33 09.3 -0.6
R09A	Tonopah	72.67 323	P	P	14 33 10.2 +0.2
Q10A	Clear Creek Ra	72.69 324	↑P	P	14 33 11.0 +0.8
HELL	Mitchell Peak,	72.76 320	P	P	14 33 10.6 0.0
V05C	Boulder Hill,	72.76 319	↑P	P	14 33 11.1 +0.5
S08C	White Mtn Res	72.80 322	P	P	14 33 11.6 +0.7
AHID	Auburn Hatcher	72.81 329	eP	P	14 33 10.3 -0.5
P11A	Circle Ranch,	72.85 324	↑P	P	14 33 11.6 +0.5
HVU	Hansel Valley	72.89 328	eP	P	14 33 10.9 -0.4
HVU	Hansel Valley	72.89 328	eP	pmax	14 33 10.9 -0.4
MTUM	Tungsten Hills	72.94 321	↑P	P	14 33 11.8 +0.2
N13A	Wendover, West	72.95 326	↑P	P	14 33 11.6 0.0
Q09A	Carvers	73.14 323	↑P	P	14 33 13.7 +0.8
REDW	Red Top Meadow	73.14 330	eP	P	14 33 12.3 -0.4
O11A	Cowboy Ranch,	73.20 325	P	P	14 33 13.6 +0.4
PKD	Parkfield	73.21 319	↑P	P	14 33 13.2 0.0
V04C	Ramage Ranch,	73.21 319	↑P	P	14 33 14.0 +0.7
LOHW	Long Hollow	73.22 330	eP	P	14 33 12.9 -0.3
MLAC	Mammoth Lakes	73.28 321	↑P	P	14 33 14.5 +0.8
P10A	Eureka	73.28 324	P	P	14 33 14.6 +0.9
ULM	Lac du Bonnet	73.29 343	eP	P	14 33 11.7 -1.8
ULM	Lac du Bonnet	73.29 343	P	P	14 33 12.3 -1.2
ULM	comp=Z,25nm,0.5s,mb5.4,baz=154,slow=6.2,SNR=121		LR		15 06 52.6
M13A	Montello	73.29 327	P	P	14 33 13.4 -0.4
R08A	Mina	73.34 322	P	P	14 33 14.6 +0.5
KCC	Kaiser Creek	73.36 321	P	P	14 33 13.8 -0.4
N12A	Clover Valley	73.38 326	P	P	14 33 14.2 0.0
MOOW	Moose Ponds	73.39 330	eP	P	14 33 13.8 -0.3
T06C	Millerton Lake	73.39 320	↑P	P	14 33 13.2 -1.2
ELK	Elko	73.41 326	eP	P	14 33 14.4 0.0
ELK	Elko	73.41 326	eP	pmax	14 33 14.4 0.0
DCD1	Drake Creek	73.47 330	eP	P	14 33 15.2 +0.5
NVAR	Mina Array Ba	73.51 322	P	P	14 33 15.3 +0.3
NVAR	comp=Z,8.6nm,0.7s,mb4.8,baz=133,slow=6.2,SNR=74		pP		14 33 36.2 +7.9
NVAR	comp=Z,2.2nm,0.7s,baz=108,slow=15,SNR=3.1		sP		14 33 44.5 +1.1
P09A	Austin	73.61 324	↑P	P	14 33 15.9 +0.4
U04C	Hernandez Rese	73.62 319	↑P	P	14 33 16.1 +0.4
K14A	Jones Ranch, D	73.66 328	P	P	14 33 15.5 -0.3
L13A	Double Diamond	73.71 327	P	P	14 33 16.5 +0.4
R07C	Lee Vining	73.71 321	↑P	P	14 33 16.8 +0.6
M12A	Wells	73.72 326	P	P	14 33 16.1 -0.1
N11A	Elko Archery C	73.73 325	↑P	P	14 33 16.3 0.0
LAO	LASA Array	73.74 335	eP	P	14 33 15.8 -0.3
O10A	Cortez Mining,	73.77 325	P	P	14 33 16.8 +0.2
RLMT	Red Lodge	73.78 332	eP	P	14 33 16.1 -0.3
VAH	Vaihoo	73.78 259	eP	P	14 33 17.7 +0.5
LKWY	Lake	73.85 331	eP	P	14 33 18.1 +1.3
LKWY	Lake	73.85 331	eP	pmax	14 33 18.1 +1.2
T05C	Eagle Field, D	73.90 320	↑P	P	14 33 17.9 +0.6
YFT	Old Faithful	73.97 331	↑P	P	14 33 19.0 +1.4
S05C	Merced	73.98 320	↑P	P	14 33 18.1 +0.3
S06C	San Francisco	74.05 321	P	P	14 33 18.3 +0.1
O09A	Fish Creek Ran	74.07 324	↑P	P	14 33 18.3 +0.1
N10A	Dunphy	74.08 325	↑P	P	14 33 18.3 0.0
PMOR	Pomarioero Res	74.09 259	eP	P	14 33 19.7 +0.7
YNR	Norris Junctio	74.10 331	eP	P	14 33 19.4 +1.1
HAST	UC Hastings Re	74.11 319	↑P	P	14 33 18.9 +0.3
K13A	Stover Farm, H	74.19 328	↑P	P	14 33 19.1 +0.3
YMR	Madison River	74.19 331	eP	P	14 33 19.5 +0.7
M11A	Holland Ranch,	74.19 326	P	P	14 33 19.4 +0.5
SCHO	Schefferville	74.20 2	eP	P	14 33 18.1 -0.6
SCHO	Schefferville	74.20 2	eP	P	14 33 18.8 +0.1
SCHO	comp=Z,3.7nm,0.6s,baz=110,slow=4.8,SNR=2.5		pP		14 33 37.9 +5.9
R06C	Coleville	74.24 322	P	P	15 02 30.5
SCHO	comp=Z,1.19nm,21.0s,MS4.2,baz=296,slow=33		LR		14 33 20.2 +0.9
P08A	Dixie Valley	74.24 323	↑P	P	14 33 19.8 +0.5
BMN	Battle Mountai	74.27 324	eP	P	14 33 18.6 -0.8
BMN	Battle Mountai	74.27 324	eP	P	14 33 18.6 -0.8

BMN	comp=Z,3.0nm,0.6s,mb4.3		pmax		
L12A	House Creek R	74.30 327	P	P	14 33 20.1 +0.6
PACP	Pacheco Peak	74.35 319	↑P	P	14 33 20.2 +0.3
DGMT	Dagmar	74.43 337	eP	P	14 33 19.7 -0.5
CMB	Columbia Colle	74.47 321	eP	P	14 33 20.4 -0.2
CMB	Columbia Colle	74.47 321	eP	P	14 33 20.4 -0.2
CMB	comp=Z,25nm,1.3s,mb5.0		pmax		14 33 20.4 -0.2
CMB	Columbia Colle	74.47 321	↑P	P	14 33 20.4 -0.2
GMCB	Greycliff	74.47 332	eP	P	14 33 20.0 -0.4
QLMT	Earthquake Lak	74.53 331	eP	P	14 33 21.6 +0.8
TVO	Taravoo	74.57 256	eT		15 54 36.4
P07A	Fallon	74.59 323	↑P	P	14 33 21.9 +0.6
K12A	Draper Farm, C	74.59 327	P	P	14 33 21.9 +0.7
M10A	Wu Ranch, Tu	74.66 325	↑P	P	14 33 22.0 +0.4
O08A	Rochester Mine	74.69 324	↑P	P	14 33 21.7 -0.1
S04C	Ingram Canyon,	74.69 320	↑P	P	14 33 22.1 +0.2
L11A	Cat Creek Ran	74.70 326	P	P	14 33 22.3 +0.5
N09A	Rock Creek Ran	74.72 324	P	P	14 33 21.6 -0.4
R05C	Kirkwood Meado	74.72 321	↑P	P	14 33 22.5 +0.4
J13A	Cove Ranch, Pi	74.78 328	P	P	14 33 22.7 +0.4
PAE	Paea	74.91 256	eP	P	14 33 24.3 +0.6
PAE	Paea	74.91 256	eP	pmax	14 33 24.3 +0.6
PPT	Papeete	74.93 256	eS	S	14 42 57.2 -1.1
PPT	comp=Z,704nm,28.2s		eLR		14 56 28.8
PPT	Papeete	74.93 256	eP	P	14 33 24.8 +0.1
PPT	comp=Z,33nm,1.3s,mb5.1		eS	S	14 42 57.2 -1.1
PPT	Papeete	74.93 256	eP	S	14 33 24.8 +1.0
PPT	Papeete	74.93 256	eP	pmax	14 42 57.2 -1.1
PPT	comp=Z,33nm,1.3s		LR		14 57 53.7
PPT	Papeete	74.93 256	LR		14 57 53.7
WCN	Waco City	74.93 322	↑P	P	14 33 23.8 +0.5
R04C	Big Horse Ranc	74.94 321	↑P	P	14 33 23.6 +0.3
O07A	Toulon	75.00 323	P	P	14 33 23.6 0.0
N08A	Eg Springer Mi	75.01 324	P	P	14 33 23.1 -0.6
L10A	Juniper Basin	75.01 326	↑P	P	14 33 23.9 +0.2
HLID	Hailey	75.02 328	eP	P	14 33 23.9 +0.3
HLID	Hailey	75.02 328	eP	P	14 33 24.2 +0.6
WENL	Wente Brothers	75.03 320	↑P	P	14 33 24.0 +0.1
M09A	Marrel Ranch,	75.08 325	↑P	P	14 33 24.0 0.0
I13A	Wildhorse Cree	75.13 329	P	P	14 33 24.9 +0.6
J12A	Stokes Ranch,	75.14 328	P	P	14 33 24.6 +0.3
LAVA	Lava Cap Winer	75.15 321	↑P	P	14 33 24.2 -0.4
MCMT	McKenzie Canyo	75.19 330	eP	P	14 33 25.2 +0.6
BOZ	Bozeman (W)	75.24 331	eP	P	14 33 24.3 -0.6
BOZ	Bozeman (W)	75.24 331	eP	pmax	14 33 24.3 -0.6
BOZ	comp=Z,56nm,1.6s,mb5.2		pmax		
BOZ	Bozeman (W)	75.24 331	↑P	P	14 33 24.7 -0.2
P06A	Black Diamond	75.26 322	↑P	P	14 33 25.7 +0.5
G15A	Dillon	75.27 330	P	P	14 33 25.4 +0.2
BDM	Black Diamond	75.31 320	↑P	P	14 33 25.9 +0.4
P05C	Yuba Gap, Truc	75.43 322	P	P	14 33 26.8 +0.6
DLMT	Dillon	75.47 330	eP	P	14 33 26.1 -0.1
N07B	Gerlach	75.47 324	P	P	14 33 26.3 -0.1
O06A	Flanigan	75.55 323	↑P	P	14 33 27.1 +0.3
Q04C	Lincoln	75.58 321	↑P	P	14 33 27.4 +0.4
M08A	Happy Creek Ra	75.60 324	↑P	P	14 33 27.1 0.0
L09A	Wilkinson Ranc	75.61 325	↑P	P	14 33 27.3 +0.2
MFID	Camas Ranch	75.62 327	P	P	14 33 27.6 +0.5
BEKR	Beavercreek	75.65 322	↑P	P	14 33 27.6 +0.2
H13A	Challis	75.67 329	P	P	14 33 27.9 +0.5
K10A	MacKenzie Ranc	75.71 326	P	P	14 33 27.9 +0.2
F15A	Butte	75.78 331	P	P	14 33 28.2 +0.2
G14A	Jackson	75.79 330	↑P	P	14 33 28.3 +0.2
CVS	Carmen Viney	75.92 320	↑P	P	14 33 28.7 -0.2
N06A	Buffalo Meado	75.94 323	P	P	14 33 29.1 +0.1
H12A	Diamond D Ranc	75.95 329	P	P	14 33 29.4 +0.4
OHCM	Honcut	75.97 321	eP	P	14 33 29.1 -0.1
M07A	Soldier Meado	76.00 324	P	P	14 33 29.4 +0.1
O05C	Quincy	76.04 322	↑P	P	14 33 29.8 +0.2
I11A	Placerville	76.05 328	P	P	14 33 29.6 0.0
G13A	Cobalt	76.05 329	P	P	14 33 30.2 +0.6
SUTB	Sutter Butte	76.08 321	↑P	P	14 33 29.7 -0.1
L08A	Fields	76.09 325	P	P	14 33 29.8 0.0
K09A	Rome	76.11 326	P	P	14 33 30.0 +0.1
J10A	Berg Farm, Mel	76.11 327	↑P	P	14 33 29.7 -0.3
NSHM	Saint Helena R	76.12 320	eP	P	14 33 30.0 -0.1
ORV	Oroville	76.12 321	eP	P	14 33 30.2 +0.1
F14A	Wisdom	76.17 330	P	P	14 33 30.8 +0.6
MNRC	McLaughlin Nat	76.24 320	↑P	P	14 33 31.0 +0.2
EGMT	Eagleton	76.25 334	eP	P	14 33 30.0 -0.7
EGMT	Eagleton	76.25 334	eP	P	14 33 30.2 -0.4
E15A	Deer Lodge	76.29 331	P	P	14 33 31.1 +0.2
ELFS	Eagle Lake Fie	76.36 323	↑P	P	14 33 31.7 +0.3
O04C	Chester	76.37 327	eP	P	14 33 31.6 +0.1
WVOR	Wild Horse Val	76.42 325	eP	P	14 33 31.2 -0.4
WVOR	Wild Horse Val	76.42 325	eP	pmax	14 33 31.2 -0.4
L07A	Adelphi	76.52 324	↑P	P	14 33 32.6 +0.3
K08A	Mann Creek Ra	76.54 325	↑P	P	14 33 32.2 -0.2

J09A	Fry Pan Ranch,	76.57 326	↑P	P	14 33 32.6 0.0
I10A	Payette	76.60 327	↑P	P	14 33 32.7 0.0
F13A	Darby	76.61 330	P	P	14 33 33.0 +0.4
M06C	Likely Place G	76.61 323	↑P	P	14 33 33.0 +0.2
H11A	Donnelly	76.64 328	P	P	14 33 32.8 -0.1
E14A	Clinton	76.67 331	↑P	P	14 33 33.5 +0.5
D15A	Lincoln	76.70 332	P	P	14 33 33.7 +0.5
GASB	Alder Springs	76.90 321	↑P	P	14 33 35.0 +0.5
HATC	Hat Creek Radi	76.91 322	↑P	P	14 33 34.3 -0.2
K07A	Rock Creek Ran	76.92 325	↑P	P	14 33 34.8 +0.3
CHMT	Chamberlain Mo	76.94 331	eP	P	14 33 34.5 0.0
J08A	Circle Bar Ran	76.96 326	↑P	P	14 33 34.8 +0.1
MOD	Modoc	76.97 324	eP	P	14 33 34.7 -0.1
MOD	Modoc	76.97 324	↑P	P	14 33 34.8 0.0
I09A	Lost Marbles R	77.00 327	P	P	14 33

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like C10A Spiker Farm, A12A Yaak River, HAWA Hanford, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ELUO Moncorvo, MVO Adamuz, ECOG Cogollos-Vega, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AB31 Akbulak array, MA2 Magadan, ASAR Alice Springs, etc.



Table with columns: STKA, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Bielsa, La Forest Royal, Simiane la Rot, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Prapat, Alice Springs, Cerro Paranal, etc.

Table with columns: STKA, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Stephens Creek, Chiang Mai, Wuhan, etc.

NEIC 14 15:29:47.7, 1.0, 206N-96.42E, h30km, Error ellipse: s-maj=19.0km s-min=13.7km az=224.0
ISCJB 14 15:29:52.4, 4.9, 23N, 02.968E, h76km, 38km, mb3.4/5, Error ellipse: s-maj=51.0km s-min=21.3km az=144.9
IDC 14 15:29:54.6, 6.9, 231N-96.86E, h78km, 55km, mb3.1/5,

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

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

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

14d 16:51:20.4-2.1, 153N-12637E, h0km, mb3.0/3, mb1 3.3/3, mb1mx3.1/16, mbtmp3.1/3, Error ellipse: s-maj=184.3km s-min=24.9km az=65.0, Northern Molucca Sea

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

14d 16:55:47.2-3.0, 320S3-17794W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.7/13, mbtmp3.7/3, ML3.3/1, MS2.8/1, Ms1 2.8/1, ms1mx2.5/21, Error ellipse: s-maj=69.6km s-min=36.0km az=116.0, South of Kermadec Islands

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

14d 17:45:01, 1067N-12247E, h28km, mb4.0, ML2.7, MS2.4, 1D, Panay

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

14d 17:55:28, 1688N-11983E, h27km, mb4.2, ML3.1, MS2.8, 1D, Luzon

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

14d 16:57:02.8-0.3, 5142N-002.659E, h0km, Error ellipse: s-maj=3.2km s-min=2.1km az=37.2

NEIC 14 16:57:02.4-1.2, 5155N-654E, h1km, ML2.5(SZGRF), Error ellipse: s-maj=13.2km s-min=6.9km az=1.0

14d 16:57:04.7, 5141N-662E, h1km, ML2.0

14d 16:57:04.0-0.9, 5155N-655E, h1km, ML2.3

14d 18:04:37.5-1.1, 1691N-9576W, h33km, mb5.0/20, Error ellipse: s-maj=10.9km s-min=5.3km az=33.7

14d 18:04:40.9-1.0, 1675N-9614W, h74km, gkm, MD4.7



















14d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Jordanelle, MCKENZIE Canyon, SDCO Great Sand Dun, etc.

IDC 14 20:04:07.7.1.1, 3112N:134.65E, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.6/24, mbtmp3.8/6, ML3.5/2, MS4.3/1, Ms1 4.3/1, ms1mx3.8/31, Error ellipse: s-maj=32.8km s-min=22.2km az=83.0

ISCJB 14 20:04:11.4.2.4, 315N:02.1425E.04, h108km, 33km, mb4.0/2, Error ellipse: s-maj=53.7km s-min=20.6km az=157.1

JMA 14 20:04:13.4.0.4, 3166N:142.66E, h79km, M3.6 ISC 14 20:04:12.0.2.3, 314N:02.1426E.04, h87km, 32km, n10, c0547/13, mb4.0/2, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hachioji jima 2, Odawara 2, JOD2, etc.

IDC 14 20:05:43.3.0.7, 2411N:122.38E, h0km, mb4.2/14, mb1 4.2/16, mb1mx4.2/24, mbtmp4.1/16, ML3.2/2, MS4.8/2, Ms1 4.8/2, ms1mx3.7/32, Error ellipse: s-maj=37.5km s-min=15.2km az=65.0

NEIC 14 20:05:44.3.1.4, 2411N:122.48E, h7km, 8km, mb4.5/4, Error ellipse: s-maj=10.4km s-min=7.9km az=52.0

BUI 14 20:05:47.6.24.34N:122.20E, h10km, mb4.1, ML4.0 ISCJB 14 20:05:48.4.0.6, 2402N:00.7x122.22E.004, h47km, 6km, mb4.1/19, MS4.9/2, Error ellipse: s-maj=12.1km s-min=5.2km az=57.0

JMA 14 20:05:48.4.0.4, 2401N:122.26E, h28km, M3.8 ISC 14 20:05:48.1.1.0, 2404N:00.7122.23E.003, h27km, 7km, n40, c086/43, mb4.1/19, MS4.9/2, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NACB Ninganchiao, YOJ Yonianguni jima, YOH Yohng, etc.

SZGRF 14 20:11:55.0, 460N:94.48E, h44km, mb5.4, Off west coast of northern Sumatera, Indonesia

MOS 14 20:11:56.3.0.8, 529N:94.35E, h33km, mb5.5/100, MS5.1/10, Error ellipse: s-maj=8.0km s-min=3.8km az=121.8

BUI 14 20:11:56.5, 5.12N:94.19E, h37km, mb5.8, mb5.4, Ms5.3, Msz5.1

ISCJB 14 20:11:57.6.0.2, 521N:003.9429E.002, h44km, mb5.3/202, MS5.1/22, Error ellipse: s-maj=4.4km s-min=2.9km az=17.8

NEIC 14 20:11:57.5.0.1, 521N:94.26E, h30km, mb5.3/110, MS4.9/1, Error ellipse: s-maj=4.4km s-min=2.8km az=211.0

2007 FEB

NEIC Felt [III] at Banda Aceh. GCMT 14 20:11:57.5.0.4, 504N:94.23E, h34km, MW5.2/64, Moment Tensor Solution. s31.646; s64.692; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:6.60±.36; Mw:2.60±.21; Mw-0.2±.24; Ms:2.66±.21; Ms:3.09±.14; Ms:2.16±.24; Best double couple: M:7.37700x10^16 Np1:39.327.00000; s32.00000; 3.99.00000; NP2: 0.136.00000; s59.00000; 1.84.00000; Principal axes: T 7.4740, P1g76.0000, Azm39.0000; N -0.1940, P1g5.0000, Azm139.0000; P -7.2800, P1g14.0000; Azm230.0000; ns1a refers to body waves, cutoff=40s. ns1a2 refers to surface waves, cutoff=50s.

IDC 14 20:11:58.2.4.5, 521N:94.28E, h36km, 36km, mb4.9/31, mb1 4.9/32, mb1mx4.9/32, mbtmp4.9/32, ML5.0/1, MS4.7/5, Ms1 4.7/5, ms1mx4.1/32 Error ellipse: s-maj=13.3km s-min=10.4km az=57.0

ISC 14 20:11:59.6.0.2, 522N:003.9427E.002, h46km, h46km±1.8km, pP, n582, c082/571, mb5.3/202, MS5.1/22, 135C-21D, Northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PKT Phuket, PSI Prapat, PSI comp=Z.52nm,0.3s, etc.

KKM Kota Kinabalu 21.85 87 P P 20 16 50.5 +2.0 KDM Kudat 22.50 85 P P 20 16 57.0 +1.6 ODAN Odare 22.50 344 P P 20 16 53.1 -2.2

AKL Akola 22.76 314 eP P 20 16 59.3 +1.2 SDKM Sandakan 22.88 87 P P 20 16 58.8 0.0 TAPN Tappeluju 22.88 345 eP P 20 16 57.4 -1.9

KAD Karad 23.05 303 eP P 20 17 00.7 -0.4 TSM Tawau 23.54 91 P P 20 17 05.6 -0.4 Jiri 23.61 342 eP P 20 17 05.4 -1.1

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like POO Poona, KKN Kakani, MYLMD Lahad Datu, etc.

comp=Z.36nm,1.0s,mb4.7 GYA Guiyang 24.22 28 P P 20 17 13.5 +1.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

comp=Z.40nm,0.8s,mb4.9 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4 GYA Guiyang 24.23 89 P P 20 17 11.8 +0.4

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like La Plagne, Montbardon, Bardonecchia, La Foret Royal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tor, Sonecra, IMA2, KODAK, LIC, etc.

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

NEIC 14 20:40:03.8, 1847N-10105W, h91km, MD4.0 (MEX), After MEX.

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

GCMT 14 20:46:31.9, 0.1, 0.39N-97.17E, h12km, MW5.4/88, Moment Tensor Solution, s75, c122, s88, c203; Duration: 1s3 Moment tensor: scale 1017Nm; ...

NEIC 14 20:46:31.9, 0.2, 0.64N-97.23E, h5km-17km, m5.6/125, MS5.2/10, Error ellipse: s-maj=6.7km s-min=4.3km az=218.0

ISJCJB 14 20:46:34.2, 0.1, 0.65N-100.3-97.29E, 0.02, h30km, m5.5/217, MS5.4/55, Error ellipse: s-maj=3.9km s-min=2.9km az=21.0

ISDC 14 20:29:44.0, 7.4, 2.186N-142.78E, h170km-67km, mb3.5/14, m1.3/6.14, m1mx3.6/22, mbtmp3.5/14, MS3.9/1, Ms1 3.9/1, ms1mx2.8/25, Error ellipse: s-maj=33.0km s-min=1.9km az=79.0

ISDC 14 20:29:47.9, 6.3, 2.182N-010-142.7E, 0.3, h208km-58km, n17, c677/15, mb3.5/14, Mariana Islands region

ISDC 14 20:46:36.1, 0.1, 0.64N-97.25E, 0.02, h31km, h31km±1.1km, pP-P, n669, c109/602, mb5.5/217, MS5.4/55, 39C-47D, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBIJ, KRSR, SOMN, WRA, FITZ, ASAR, STKA, ZALV, MKAR, YKA, ARCES, JOF, AKASE, PDAR, BRTR, LPAZ, etc.

14d 20h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SDKM Sandakan, MDRS Chennai, TSM Tawau, etc.

2007 FEB

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like LSA Lhasa, BHPH Bhopal, GKN Gorkha, etc.

490

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GTA, TIA Baotou, WRA Warramunga Arr, etc.









001C	Eel River Cons	4.36 142	UP	Pn	22 14 03.0	-2.9
HOOD	Mount Hood Mea	4.42 65	ePn	Pn	22 14 07.0	+0.2
E04A	Onalaska	4.42 46	UP	Pn	22 14 07.0	+0.1
I05A	Bend	4.42 81	UP	Pn	22 14 05.7	-1.2
M04C	Macdoel	4.45 112	UP	Pn	22 14 05.1	-2.1
J05A	Fort Rock	4.46 92	UP	Pn	22 14 05.5	-1.9
NLWA	Neilton Lookou	4.50 32	ePn	Pn	22 14 07.6	-0.3
M03C	McCloud	4.51 119	UP	Pn	22 14 06.1	-2.0
H05A	Madras	4.52 75	P	Pn	22 14 07.4	-0.8
G05A	Wamic	4.61 67	UP	Pn	22 14 09.3	-0.1
WDC	Whiskeytown Da	4.69 129	ePn	Pn	22 14 07.3	-3.2
WDC	Whiskeytown Da	4.69 129	UP	Pn	22 14 09.6	-0.8
D04A	Dobbs Creek Ra	4.74 41	UP	Pn	22 14 11.4	+0.3
C03A	Quillate Air	4.75 23	UP	Pn	22 14 11.4	+0.1
C03A			US	Sn	22 15 07.1	+1.6
F05A	White Salmon	4.76 60	UP	Pn	22 14 11.9	+0.4
KIPM	Iron Peak	4.78 141	ePn	Pn	22 14 09.3	-2.4
K05A	Sumner Lake	4.80 98	P	Pn	22 14 10.4	-1.6
KCPM	Cahto Peak	4.83 143	ePn	Pn	22 14 09.4	-3.1
O02C	Red Bluff	4.83 134	UP	Pn	22 14 10.5	-2.0
E05A	Randle	4.93 51	P	Pn	22 14 14.6	+0.9
LN	Longview	5.01 49	ePn	Pn	22 14 15.5	+0.6
L05A	Lakeview	5.04 106	P	Pn	22 14 13.2	-2.0
GNW	Green Mountain	5.06 37	ePn	Pn	22 14 15.3	-0.3
G06A	Carlson Farm,	5.07 69	P	Pn	22 14 15.0	-0.7
M05C	Lookout	5.11 114	UP	Pn	22 14 14.2	-2.0
P01C	Double B Ranch	5.12 143	UP	Pn	22 14 13.1	-3.3
C04A	Brinnon	5.12 35	UP	Pn	22 14 16.2	-0.1
F06A	Goldendale	5.15 63	P	Pn	22 14 16.9	+0.1
H06A	Lindquist Farm	5.16 75	UP	Pn	22 14 16.5	-0.5
I06A	Prineville	5.17 84	UP	Pn	22 14 16.0	-1.2
HATC	Hat Creek Radi	5.18 121	UP	Pn	22 14 15.5	-1.8
B04A	Port Angeles	5.19 30	UP	Pn	22 14 17.6	+0.2
D05A	Enumclaw	5.19 45	UP	Pn	22 14 18.5	+1.1
K06A	Valley Falls	5.25 96	UP	Pn	22 14 16.1	-2.0
J06A	Christmas Val	5.25 91	UP	Pn	22 14 16.0	-2.2
GASB	Alder Springs	5.26 137	UP	Pn	22 14 15.9	-2.5
O03C	Acorn Hollow,	5.37 131	UP	Pn	22 14 19.2	-0.6
E06A	Yakima	5.37 55	UP	Pn	22 14 20.8	+0.9
MOD	Modoc	5.46 106	ePn	Pn	22 14 20.2	-1.8
MOD	Modoc	5.46 106	P	Pn	22 14 19.1	-1.9
M06C	Likely Place G	5.62 113	UP	Pn	22 14 22.0	-1.3
HOPS	Hopland	5.62 144	ePn	Pn	22 14 20.9	-2.5
HOPS	Hopland	5.62 144	UP	Pn	22 14 21.4	-2.0
H07A	Lands Inn, Kim	5.69 77	P	Pn	22 14 23.9	-0.3
C05A	Tolt Reservoir	5.69 42	P	Pn	22 14 24.8	+0.6
I07A	Izen	5.69 83	UP	Pn	22 14 23.4	-0.8
O04C	Chester	5.71 123	UP	Pn	22 14 24.3	-0.2
PGC	Sidney	5.72 27	ePn	Pn	22 14 24.8	+0.2
G07A	Ruggs Ranch, H	5.74 71	P	Pn	22 14 24.3	-0.5
F07A	Phinny Hill Vi	5.75 64	P	Pn	22 14 25.1	0.0
ELFS	Eagle Lake Fie	5.76 119	UP	Pn	22 14 25.8	+0.7
D06A	Cle Elum	5.81 50	UP	Pn	22 14 26.9	+1.0
J07A	Hines	5.85 90	UP	Pn	22 14 26.0	-0.4
B05A	Bryant	5.92 36	UP	Pn	22 14 27.6	+0.3
ORV	Oroville	5.97 131	UP	Pn	22 14 27.4	-0.7
K07A	Rock Creek Ran	5.99 96	UP	Pn	22 14 26.7	-1.7
MNRC	McLaughlin Nat	6.00 140	UP	Pn	22 14 27.2	-1.4
O05C	Quincy	6.03 125	UP	Pn	22 14 28.6	-0.4
A04A	Legoe Bay, Lum	6.04 31	UP	Pn	22 14 29.4	+0.4
SUTB	Sutter Butte	6.05 134	UP	Pn	22 14 28.0	-1.2
E07A	Sunnyside	6.06 58	P	Pn	22 14 29.8	+0.4
L07A	Adell	6.10 102	P	Pn	22 14 28.0	-1.9
OHCM	Honcut	6.13 132	ePn	Sn	22 14 30.1	-0.2
OHCM	Honcut	6.13 132	eSn	Sn	22 15 42.8	+3.2
HAWA	Hanford	6.19 61	ePn	Pn	22 14 31.2	+0.1
NSHM	Saint Helena R	6.22 143	UP	Pn	22 14 30.0	-1.5
G08A	Pilot Rock	6.23 72	P	Pn	22 14 31.0	-0.7
C06A	Tall Timber Ra	6.24 44	UP	Pn	22 14 32.2	+0.5
N06A	Buffalo Meadow	6.27 115	UP	Pn	22 14 31.4	-0.8
H08A	Prairie City	6.31 79	UP	Pn	22 14 31.9	-0.9
I08A	Drewsey	6.36 84	UP	Pn	22 14 32.9	-0.5
B06A	Marblemount	6.38 38	P	Pn	22 14 34.1	+0.5
Q03C	Winters	6.40 139	UP	Pn	22 14 33.4	-0.6
MCCM	Marconi Confer	6.42 147	ePn	Pn	22 14 32.2	-2.1
MCCM	Marconi Confer	6.42 147	UP	Pn	22 14 32.2	-2.1
BEKR	Beckwourth	6.43 123	UP	Pn	22 14 33.6	-0.7
CVS	Carmenet Viney	6.43 143	UP	Pn	22 14 32.6	-1.8
M07A	Soldier Meadow	6.44 107	UP	Pn	22 14 32.9	-1.6
J08A	Circle Bar Ran	6.46 89	UP	Pn	22 14 33.4	-1.4
WVOR	Wild Horse Val	6.49 97	ePn	Pn	22 14 32.8	-2.4
A05A	Maple Falls	6.50 32	UP	Pn	22 14 36.4	+1.1
C07A	Waterville	6.52 49	UP	Pn	22 14 36.2	+0.4
E08A	Dider Farm, El	6.53 61	UP	Pn	22 14 35.8	0.0
K08A	Mann Creek Ran	6.54 95	UP	Pn	22 14 33.9	-1.9
Q04C	Lincoln	6.55 135	UP	Pn	22 14 35.0	-1.1
O06A	Flanigan	6.58 119	UP	Pn	22 14 37.5	+1.0
P05C	Yuba Gap, Truc	6.64 128	UP	Pn	22 14 38.0	+0.7
L08A	Fields	6.76 99	P	Pn	22 14 36.6	-2.3
A06A	Chilliwick	6.82 34	UP	Pn	22 14 40.5	+0.8
P06A	Stead Airport,	6.82 123	UP	Pn	22 14 41.8	+2.0
N07B	Gerlach	6.83 112	UP	Pn	22 14 41.2	+1.3

D08A	Wollman Farm,	6.86 57	UP	Pn	22 14 40.6	+0.3
LAVA	Lava Cap Winer	6.95 132	UP	Pn	22 14 41.8	+0.2
I09A	Los Marbles R	6.96 84	UP	Pn	22 14 40.3	-1.4
M08A	Happy Creek Ra	6.96 105	UP	Pn	22 14 41.5	-0.2
J09A	Fry Pan Ranch	6.98 89	UP	Pn	22 14 40.4	-1.6
B07A	Winthrop	6.98 44	UP	Pn	22 14 41.9	-0.1
BDM	Black Diamond	7.01 142	UP	Pn	22 14 41.3	-1.1
H09A	Durkee	7.04 78	UP	Pn	22 14 41.9	-0.9
F09A	S2 Ranch, Elgi	7.04 69	UP	Pn	22 14 41.9	-0.9
K09A	Hayley	7.09 94	UP	Pn	22 14 41.5	-2.0
E09A	Wood Farm, Sta	7.13 63	UP	Pn	22 14 42.9	-1.1
WCN	Washoe City	7.14 125	UP	Pn	22 14 44.1	-0.1
C08A	Higginbotham F	7.15 51	UP	Pn	22 14 44.4	+0.2
O07A	Toulon	7.20 116	UP	Pn	22 14 45.4	+0.5
R04C	Big Horse Ranch	7.22 136	UP	Pn	22 14 44.5	-0.8
D09A	Jones Farm, Hi	7.24 58	UP	Pn	22 14 45.2	-0.3
A07A	Ashnola River,	7.26 39	UP	Pn	22 14 45.6	-0.2
L09A	Wilkinson Ranch	7.29 99	UP	Pn	22 14 43.7	-2.6
BMO	Blue Mountains	7.32 77	ePn	Pn	22 14 45.5	-1.1
JRSC	Jasper Ridge	7.32 146	UP	Pn	22 14 43.5	-3.1
B08A	Colville Reser	7.32 47	UP	Pn	22 14 45.8	-0.8
WENL	Wente Brothers	7.34 143	UP	Pn	22 14 45.8	-1.1
R05C	Kirkwood Meado	7.36 129	UP	Pn	22 14 47.8	+0.7
N08A	GE Sprnger Mi	7.40 109	UP	Pn	22 14 46.5	-1.2
P07A	Fallon	7.53 120	UP	Pn	22 14 50.3	+0.8
BNLO	Ben Lomond (Sa	7.58 147	UP	Pn	22 14 48.1	-2.2
C09A	Chrisman Ranch	7.60 53	UP	Pn	22 14 50.7	+0.1
S04C	Ingram Canyon,	7.63 141	UP	Pn	22 14 49.9	-0.9
I10A	Payette	7.63 83	UP	Pn	22 14 49.8	-1.1
CMB	Columbia Colle	7.67 134	ePn	Pn	22 14 52.4	+0.9
CMB	Columbia Colle	7.67 134	ePn	Pmax	22 14 52.4	+0.9
CMB	comp=Z,817nm,1.4s					
CMB	Columbia Colle	7.67 134	P	Pn	22 14 52.7	+1.3
J10A	Berg Farm, Mel	7.69 88	UP	Pn	22 14 52.1	+0.4
K10A	MacKenzie Ranc	7.70 93	UP	Pn	22 14 51.1	-0.7
A08A	Turner Farm, O	7.73 43	UP	Pn	22 14 51.3	-0.8
N09A	Rock Creek Ran	7.79 107	UP	Pn	22 14 53.6	+0.5
E10A	Myra Farm, Un	7.79 65	UP	Pn	22 14 51.9	-1.2
R06C	Coleville	7.83 128	UP	Pn	22 14 55.0	+1.3
WAKR	Walker	7.85 128	ePn	Pn	22 14 54.4	+0.5
D10A	Wagner Farm, O	7.88 61	UP	Pn	22 14 53.2	-1.1
P08A	Dixie Valley	7.96 116	UP	Pn	22 14 56.1	+0.6
B09A	Rice	8.00 50	P	Pn	22 14 56.2	+0.3
PACP	Pacheco Peak	8.06 143	UP	Pn	22 14 55.4	-1.3
S06C	San Francisco	8.07 133	UP	Pn	22 14 57.7	+0.8
A09A	Danville	8.09 45	UP	Pn	22 14 57.3	+0.1
L10A	Juniper Basin	8.13 97	UP	Pn	22 14 57.0	-0.7
BMN	Battle Mountai	8.18 109	ePn	Pn	22 14 58.7	+0.3
C10A	Spilker Farm,	8.18 56	UP	Pn	22 14 58.1	-0.3
SAO	San Andreas Ge	8.19 145	ePn	Pn	22 14 57.1	-1.5
SAO	San Andreas Ge	8.19 145	ePn	Pmax	22 14 57.2	-1.4
H11A	Donnelly	8.22 78	UP	Pn	22 14 58.5	-0.5
S05C	Merced	8.23 137	UP	Pn	22 14 59.4	+0.3
M10A	IL Ranch, Tu	8.24 101	UP	Pn	22 14 59.5	+0.2
I11A	Placerville	8.25 84	UP	Pn	22 14 58.2	-1.1
F11A	Grangeville	8.28 70	UP	Pn	22 14 59.5	-0.3
K11A	Parker Ranch,	8.31 92	UP	Pn	22 14 59.9	-0.3
O09A	Fish Creek Ran	8.32 111	UP	Pn	22 15 01.6	+1.3
E11A	Boyer Ranch,	8.35 67	UP	Pn	22 14 59.8	-1.0
R07C	Lee Vining	8.36 128	UP	Pn	22 15 01.4	+0.5
MFID	Carnas Ranch	8.37 87	UP	Pn	22 14 59.6	-1.4
T05C	Eagle Field, D	8.43 141	UP	Pn	22 15 01.9	+0.1
B10A	Chitwood Farm,	8.46 53	UP	Pn	22 15 02.7	+0.5
HAST	UC Hastings Re	8.47 146	UP	Pn	22 14 59.5	-3.0
D11A	Klaveano Farm,	8.48 62	UP	Pn	22 15 02.5	0.0
NEW	Newport	8.50 53	ePn	Pn	22 15 02.7	-0.1
NEW	Newport	8.50 53	Pn	Pn		



Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like BOD, ATAH, LVZ, MAJ, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, ZAL, GUMO, MEZF, etc.

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



Table with columns: LZH, comp, Z, Az, m, s, mb, 5, eP, P, P, 22, 25, 49, 3, -0.1, etc. Includes stations like Lanzhou, Kesra, AAK, etc.

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

Table with columns: ASAJ, Sn, Sn, 22, 50, 45, +2.3, etc. Includes stations like SOMM, MKAR, WRA, etc.

IDC 14 22:21:43.8, 6.9, 627N, 7240W, h168km, 46km, mb1 3.4/1, mb1mx2.8/19, mbtmp3.7/1, Error ellipse: s-maj=325.7km

IDC 14 22:58:41.3, 5.3, 1614S, 17742W, h0km, mb4.5/3, mb1 4.7/3, mb1mx4.0/14, mbtmp4.5/3, Error ellipse: s-maj=188.6km s-min=63.8km az=134.0, Fiji Islands region

M51 3.3/1,ms1mx2.4/41,Error ellipse: s-maj=18.1km s-min=1.3km az=14.0  
ISC 14 23:07:39.9-0.5,3620N,002:2276E,002,h19km,4km,  
n242,0,1924/281,mb4.1/16,10C-3D,Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KYTH, VLI, PVL, etc. with their respective coordinates and phases.

Table with columns: LCI, LCI, pmax, pmax. Lists stations like AKAS, GOLH, SERS, TIP, etc. with their respective coordinates and phases.

Table with columns: KHC, AKAS, CLL, etc. Lists stations like Kasperse Hory, Main Array Be, Colim, etc. with their respective coordinates and phases.



Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like MOTA, NEGI, ORO, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like CONA, CONRAD, CONA, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like SMF, Signal de Mont, SFTF, etc.

Station information for Bougainville - Solomon Islands region, including station names, frequencies, and coordinates.

mb1 3.9/8, mb1mx3.6/14, mbtmp3.7/8, Error ellipse: s-maj=34.8km s-min=13.7km az=159.0

ISCJB 14 23:27:00.6.2.1, 240S.02, h583km, 23km, mb4.3/13, Error ellipse: s-maj=39.3km s-min=19.5km az=155.8

NEIC 14 23:27:03.5.2.9, 2426S.179.19E, h543km, 31km, mb4.5/7, Error ellipse: s-maj=50.8km s-min=18.7km az=172.0

ISC 14 23:27:00.9.2.0, 240S.02, h568km, 21km, n60, 0.052/20, mb4.3/13, 10C-6D, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists various stations like DZM, AFI, CTA, PMG, STKA, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists stations under 'west coast of South Island' like DCZ, MLZ, MSZ, etc.

ISC 14 23:42:52.3.0.9, 263N.9928E, h127km, 63km, mb3.1/4, mb1 3.2/4, mb1mx3.0/21, mbtmp3.1/4, Error ellipse: s-maj=320.1km s-min=19.2km az=56.0, Northern Sumatara

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists stations like PSI, WRA, ASAR, MKAR, ZALV, etc.

JMA 14 23:50:39.0.7.0, 2373N.121.90E, h0km, M3.5, ISCJB 14 23:50:40.2.1.3, 2395N.008.121.69E.0.04, h19km, 9km, mb3.6/8, Error ellipse: s-maj=13.3km s-min=6.3km az=11.2

NEIC 14 23:50:41.2.1.3, 2402N.121.68E, h137km, 7km, MG3.5(JMA), Error ellipse: s-maj=35.4km s-min=10.8km az=73.0

ISC 14 23:50:50.3.7.7, 2394N.121.46E, h91km, 75km, mb3.1/6, mb1 3.3/7, mb1mx3.2/21, mbtmp3.2/7, ML3.5/1, Error ellipse: s-maj=47.5km s-min=17.1km az=67.0

ISC 14 23:50:41.0.1.2, 2401N.007.121.74E=005, h12km, 8km, n17, 0.056/24, mb3.3/8, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists stations like NACB, YHNB, TATO, etc.

ISC 15 00:07:11.4.9.4, 679S.12956E, h67km, 90km, mb3.7/2, mb1 4.0/5, mb1mx3.6/15, mbtmp3.5/8, ML4.0/3, Error ellipse: s-maj=109.4km s-min=30.2km az=54.0

ISCJB 15 00:07:13.7.5.0, 70S.02, h106km, 47km, mb4.0/3, Error ellipse: s-maj=48.0km s-min=26.8km az=92.5

ISC 15 00:07:15.3.4.3, 70S.02, h104km, 38km, n10, 0.074/11, mb4.0/3, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists stations like KAKA, FITZ, WRA, etc.

ISC 15 00:26:39.6.4.2015S.16945E, h113km, 71km, mb3.5/2, mb1 3.7/3, mb1mx3.4/13, mbtmp3.4/3, Error ellipse: s-maj=218.0km s-min=49.6km az=152.0, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists stations like DZM, DZM.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists stations like DZM, NOUC, WRA, ASAR, GERES, etc.

MDD 15 00:36:58.1.4.9, 3227N.105E, h0km, mb3.9/5, Error ellipse: s-maj=48.8km s-min=38.6km az=15.0, PRXIMO CRAAG 15 00:37:42.3.4.9, 349N.136W, M2.5

ISCJB 15 00:37:43.9.1.0, 3584N.006.067E.007, h10km, Error ellipse: s-maj=10.5km s-min=6.5km az=135.2

CSEM 15 00:37:46.0.4.4, 3578N.056E, h0km, mb3.3/2, Error ellipse: s-maj=41.9km s-min=30.5km az=14.0

NEIC 15 00:37:46.0.4, 3578N.056E, h0km, MG3.3(MDD), After MDD, ISC 15 00:37:43.7.1.0, 3580N.006.075E.007, h10km, n16, 0.192/26, Northern Algeria

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists stations like OJGS, USTO, EMUR, etc.

ISCJB 15 00:38:27.7.1.9, 3533N.008.07W.0.1, h10km, Error ellipse: s-maj=14.9km s-min=7.9km az=38.9

CRAAG 15 00:38:27.6.8, 3564N.119W, M2.5, CSEM 15 00:38:35.7.4.8, 3556N.224W, h0km, mb3.4/2, Error ellipse: s-maj=56.1km s-min=32.2km az=138.0

MDD 15 00:38:36.1.3.1, 3547N.120W, h0km, mb3.2/5, Error ellipse: s-maj=26.9km s-min=23.2km az=156.0, PRXIMO ISC 15 00:38:28.9.2.0, 3530N.009.07W.0.1, h10km, n13, 0.192/20, Northern Algeria

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists stations like OTSS, ODZI, OLHC, etc.

ISC 15 00:49:36.1.5.2, 141N.12730E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.6/17, mbtmp3.7/5, MS2.5/1, MS1.2.5/1, ms1mx1.9/27, Error ellipse: s-maj=100.5km s-min=22.3km az=68.0

ISCJB 15 00:49:39.6.1.4, 2.0N.02.1270E.0.4, h33km, mb4.2/7, Error ellipse: s-maj=57.3km s-min=19.2km az=159.0

NEIC 15 00:49:42.7.1.2, 194N.12723E, h35km, mb4.7/2, Error ellipse: s-maj=58.0km s-min=15.9km az=69.0

ISC 15 00:49:41.9.1.4, 2.0N.02.1272E.0.4, h35km, n13, 0.059/13, mb4.2/7, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists stations like FITZ, WRA, WB2, etc.

NEIC 14 23:40:56.4, 4520S.16685E, h12km, ML4.2(WEL), After WEL, WEL 14 23:40:57.9.0.4, 4523S.16696E, h12km, ML4.3/17.2C, Error ellipse: s-maj=4.5km s-min=1.4km az=90.0, Off

NEIC 15 01:05:27.9, 1565N.5928W, h59km, MD3.9(TRN), After





Table with columns: Station, Time, Azimuth, Elevation, SNR, etc. Includes stations like Bucharest, Kishinev, Targusor, Craiova, etc.

Table with columns: Station, Time, Azimuth, Elevation, SNR, etc. Includes stations like Stip, Yalta, Valandovo, etc.

Table with columns: Station, Time, Azimuth, Elevation, SNR, etc. Includes stations like AKTO, ARU, AR, etc.

IDC 15 02:44:53.2.2.2, 4687N:15275E, h0km, mb3.8/11, mb1.4/0.11, mb1mx3.8/22, mb1mx3.8/11, MS2.6/1, MS1.2/6.1, ms1mx2.2/36, Error ellipse: s-maj=67.3km s-min=22.1km az=4.0

NEIC 15 02:44:55.3.1.3, 4698N:15279E, h10km, mb3.7/1, Error ellipse: s-maj=38.5km s-min=10.3km az=180.0

ISCJB 15 02:45:00.9.1.4, 471N:0.1x1528E.01, h64km, 11km, mb3.8/13, Error ellipse: s-maj=24.5km s-min=8.0km az=143.0

MOS 15 02:45:00.7.1.0, 4685N:15281E, h74km, mb4.5/3, Error ellipse: s-maj=23.8km s-min=15.7km az=91.9

ISC 15 02:45:02.7.1.3, 471N:0.1x1528E.01, h65km, 10km, n24, 0.075/25, mb3.7/13, 1C, Kuril Islands

Table with columns: Code, Station Name, Time, Azimuth, Elevation, SNR, etc. Includes stations like Kuril'sk, Severo-Kuril's, etc.



VRI	Vrincioiaia	10.06 355	P	Pn	03 18 14.8 +0.7	ZEI	Tsey	14.09 56	eP	Pn	03 19 09.9 +1.5	LPL	comp=Z,1.8nm,0.7s	LPL	La Plagne	18.77 307	eP	Pn	03 20 05.7 -0.9
ORI	Oriolo Calabro	10.06 298	Pn	Pn	03 18 13.3 -0.9	VYHS	Vyhnev	14.34 335	eP	Pn	03 19 16.6 +5.0	LPL	comp=Z,9.0nm,0.7s	LPL	La Plagne	18.77 307	eP	Pn	03 20 05.7 -0.9
ORI	Oriolo Calabro	10.06 298	P	Pn	03 18 13.3 -0.9	STHS	Stebnicka Huta	14.44 342	eP	Pn	03 19 15.3 +2.4	CLL	comp=Z,9.0nm,0.7s	CLL	Collm	18.84 330	iP	Pn	03 20 06.6 -0.9
ORI	Oriolo Calabro	10.06 298	P	Pn	03 18 13.3 -0.9	NIE	Niedzica	14.69 340	eP	Pn	03 19 17.0 +0.8	CLL	comp=Z,9.2nm,0.7s	CLL	Collm	18.84 330	iP	Pn	03 20 06.6 -0.9
JOPP	Joppello	10.06 289	Pn	Pn	03 18 12.4 -1.9	ARSA	Ardzberg	14.72 325f	eP	Pn	03 19 20.8 +4.2	CLL	comp=Z,2.0nm,1.4s	CLL	Moxa	18.95 326	eP	Pn	03 20 10.0 +1.2
MTTG	Motta San Gio	10.11 286	Pn	Pn	03 18 13.6 -1.2	VOY	Vojsko	14.73 318	ePn	Pn	03 19 16.7 0.0	MOX	comp=Z,2.27nm,1.5s	MOX	Moxa	18.95 326	eP	Pn	03 20 10.0 +1.2
MTTG	Motta San Gio	10.11 286	Pn	Pn	03 18 13.6 -1.2	VOY	Vojsko	14.73 318	ePn	Pn	03 19 16.7 0.0	GKP	comp=Z,2.7nm,1.5s	GKP	Gorka Klasztor	19.00 340	eP	Pn	03 20 07.1 -2.2
CRAC	Craco	10.18 300	Pn	Pn	03 18 14.9 -1.0	VOY	Vojsko	14.73 318	ePn	Pn	03 19 16.7 0.0	GKP	comp=Z,2.7nm,1.5s	GKP	Gorka Klasztor	19.00 340	eP	Pn	03 20 07.1 -2.2
BAI	Bari	10.19 304	ePn	Pn	03 18 15.5 -0.5	KIEV	Kiev	14.87 3	ePn	Pn	03 19 22.1	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
SIM	Simferopol'	10.21 250	eP	Pn	03 18 16.7 +0.5	KIEV	Kiev	14.87 3	eP	Pn	03 19 16.6 -1.8	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
SIM	Simferopol'	10.21 250	eP	Pn	03 18 16.7 +0.5	KIEV	Kiev	14.87 3	eP	Pn	03 19 16.6 -1.8	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
SG1	Sgogliore (BA)	10.21 303	ePn	Pn	03 18 14.8 -1.4	AKASG	Malin Array Be	14.88 3	P	Pn	03 19 18.2 -0.3	GKP	comp=Z,2.7nm,1.5s	GKP	Gorka Klasztor	19.00 340	eP	Pn	03 20 07.1 -2.2
MIGL	Miglionico	10.28 301	Pn	Pn	03 18 15.6 -1.5	AKASG	Malin Array Si	14.88 3	ePn	Pn	03 19 17.4 -1.1	GKP	comp=Z,2.7nm,1.5s	GKP	Gorka Klasztor	19.00 340	eP	Pn	03 20 07.1 -2.2
DIVS	Divicbare	10.29 326	Pn	Pn	03 18 19.4 +2.1	AKKB	Malin Array Si	14.88 3	ePn	Pn	03 19 17.4 -1.1	GKP	comp=Z,2.7nm,1.5s	GKP	Gorka Klasztor	19.00 340	eP	Pn	03 20 07.1 -2.2
AMUR	Altamura	10.29 303	Pn	Pn	03 18 16.2 -1.1	AKKB	Malin Array Si	14.88 3	ePn	Pn	03 19 17.4 -1.1	GKP	comp=Z,2.7nm,1.5s	GKP	Gorka Klasztor	19.00 340	eP	Pn	03 20 07.1 -2.2
GZR	Gura Zlata	10.34 339	P	Pn	03 18 18.2 +0.3	LUMB	Malin Array Si	14.88 3	eP	Pn	03 19 17.4 -1.1	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
GZR	Gura Zlata	10.34 339	P	Pn	03 18 18.2 +0.3	LUMB	Malin Array Si	14.88 3	eP	Pn	03 19 17.4 -1.1	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
GZR	Gura Zlata	10.34 339	P	Pn	03 18 18.2 +0.3	LUMB	Malin Array Si	14.88 3	eP	Pn	03 19 17.4 -1.1	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
SCHR	S. Chirico Zap	10.38 298	Pn	Pn	03 18 18.1 -0.4	CONA	Conrad Observa	15.07 327	iPn	Pn	03 19 20.4 -0.6	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
AGST	Augusta-Monte	10.39 282	Pn	Pn	03 18 16.7 -2.0	CONA	Conrad Observa	15.07 327	Pn	Pn	03 19 20.4 -0.6	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
AGST	Augusta-Monte	10.39 282	Pn	Pn	03 18 16.7 -2.0	CONA	Conrad Observa	15.07 327	Pn	Pn	03 19 20.4 -0.6	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
HAVL	Avola	10.46 280	Pn	Pn	03 18 17.3 -2.3	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
SIRI	Monte Sirino	10.52 298	Pn	Pn	03 18 19.5 -1.0	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
HSFG	Castel del Mon	10.54 150	P	Pn	03 18 20.7 -0.1	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
CDT	Palazzolo	10.59 303	ePn	Pn	03 18 20.1 -1.3	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
PZI	Palazzolo	10.60 280	Pn	Pn	03 18 19.5 -2.1	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
PZI	Palazzolo	10.60 280	Pn	Pn	03 18 19.5 -2.1	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
MCEL	Monticello	10.62 299	Pn	Pn	03 18 21.0 -0.8	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
STON	Ston	10.63 314	ePn	Pn	03 18 21.2 -0.7	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
STON	Ston	10.63 314	ePn	Pn	03 18 21.2 -0.7	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
MTSN	Montesano sull	10.63 298	Pn	Pn	03 18 21.1 -0.9	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
MGR	Morigerati	10.73 297	Pn	Pn	03 18 21.7 -1.6	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
MGR	Morigerati	10.73 297	Pn	Pn	03 18 21.7 -1.6	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
HMDC	Modica	10.73 280	Pn	Pn	03 18 21.2 -2.2	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
HMDC	Modica	10.73 280	Pn	Pn	03 18 21.2 -2.2	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
PALZ	Palazzo San Ge	10.75 302	Pn	Pn	03 18 22.4 -1.1	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
HVZN	Vizzini	10.80 281	Pn	Pn	03 18 22.8 -1.4	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
HVZN	Vizzini	10.80 281	Pn	Pn	03 18 22.8 -1.4	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
BULG	Bulgheria - Ca	10.84 297	Pn	Pn	03 18 23.2 -1.6	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
BZS	Buzias	10.90 336	iP	Pn	03 18 25.4 -0.2	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
BZS	Buzias	10.90 336	iP	Pn	03 18 25.4 -0.2	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
GALF	Gagliano Caste	10.97 296	Pn	Pn	03 18 25.5 -0.9	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
CMRP	Campora	10.97 298	Pn	Pn	03 18 25.0 -1.6	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
MRLC	Muro Lucano	11.00 300	Pn	Pn	03 18 26.0 -1.0	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
MRLC	Muro Lucano	11.00 300	Pn	Pn	03 18 26.0 -1.0	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
KDRU	Civita di Ruta	11.03 299	Pn	Pn	03 18 26.3 -1.1	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
SGO	Sicignano	11.06 299	Pn	Pn	03 18 26.8 -0.9	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
SGO	Sicignano	11.06 299	Pn	Pn	03 18 26.8 -0.9	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
SGO	Sicignano	11.06 299	Pn	Pn	03 18 26.8 -0.9	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
VAE	Valguarnera	11.06 282	P	Pn	03 18 27.8 0.0	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
VAE	Valguarnera	11.06 282	P	Pn	03 18 27.8 0.0	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
RAFF	Raffo Rosso	11.08 281	Pn	Pn	03 18 26.7 -1.4	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
RAFF	Raffo Rosso	11.08 281	Pn	Pn	03 18 26.7 -1.4	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
FGMS	Monte Sant'Ang	11.09 305	Pn	Pn	03 18 26.5 -1.7	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
FGMS	Monte Sant'Ang	11.09 305	Pn	Pn	03 18 26.5 -1.7	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
MSAG	Monte S. Angelo	11.12 305	Pn	Pn	03 18 26.8 -1.8	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
FG4	Candela	11.13 302	Pn	Pn	03 18 28.1 -0.6	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
FG4	Candela	11.13 302	Pn	Pn	03 18 28.1 -0.6	KEST	Kesra	15.16 275	P	Pn	03 19 22.6 +0.3	ORIF	comp=Z,2.7nm,1.5s	ORIF	Oris-en-Rattie	19.10 305	eP	Pn	03 20 09.1 -1.5
FG																			

15d 3h

Table of astronomical observations for 15d 3h, listing objects like EQES Quesada, ECOG Cogollos-Vega, and various arrays with their coordinates and observation details.

2007 FEB

Table of astronomical observations for 2007 FEB, listing objects like BRVK Borovoye, AAK Ala-Archa, and various arrays with their coordinates and observation details.

ISC/JB 15 03:44:21.8, 0.2, 4464N, 01x11201W, 002, h10km, Error ellipse: s-maj=2.1km s-min=2.1km az=157.2 NEIC 15 03:44:22.0, 4462N, 11209W, h12km, ML3.1 (BUT), After BUT.

ISC 15 03:44:22.6, 0.2, 4465N, 01x11201W, 002, h10km, n81, s1509/127, 35C-28D, Eastern Idaho

Table of astronomical observations for 2007 FEB, listing objects like QLMT Earthquake Lak, G15A Dillon, and various arrays with their coordinates and observation details.

506

Table of astronomical observations for 506, listing objects like G13A Cobalt, I13A Cobalt, and various arrays with their coordinates and observation details.

NEIC 15 03:47:07.2, 1897N, 64.12W, h51km, MD3.5(RSPR), After RSPR 15 03:47:07.2, 1897N, 64.12W, h51km, 11km, MD3.5/6, MD3.5/6, 4C-2D, Virgin Islands

Table of astronomical observations for 506, listing objects like TBVI Tortola with their coordinates and observation details.









Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WKZ Wanaka, EAZ Earnsclova, and many others.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like HOPS Hopland, VES Vestal, and many others.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like LTIM Timbered Crate, ELFS Eagle Lake, and many others.



Table with columns: Code, Station Name, Az, El, P, S, SNR, and other parameters. Includes stations like NA001, NORSAR Array S, Minsk, etc.

BUJ 15 10:27:27.2, 3169Sx17707W, h19km, mB6.1, mb5.7, Ms5.3, Msz5.2
ISCJB 15 10:27:28.6, 0.1, 3238Sx003x17750W,0.4, h33km, mb5.3/57, MS5.1/25, Error ellipse: s-maj=6.6km s-min=2.6km az=43.8
GCMT 15 10:27:29.7, 0.2, 3209Sx17715W, h12km, MW5.4/91, Moment Tensor Solution, s74,c110; s91,c179; Duration: ts2 Moment tensor; Scale 101/Nm; Mn-1.43z-.03; Mtr-0.24z-.03; Mbb1.67z-.02; Mro-0.09z-.07; Mbo-0.24z-.02; Mbr-0.55z-.06; Best double couple; Mtr1.66100x10^17 NPI; m186.00000; s35.00000; l-91.00000; NP2bb-0.00000; s65.00000; l-89.00000; Principal axes: T 1.7960, Plg10.0000; Azm97.0000; N -0.2710, Plg1.0000; Azm187.0000; P -1.5270, Plg80.0000; Azm282.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.
NEIC 15 10:27:29.7, 2.1, 3206Sx17753W, h27km, 14km, mb5.3/35, MS4.8/2 Error ellipse: s-maj=8.5km s-min=5.3km az=147.0
MOS 15 10:27:29.8, 0.9, 3199Sx17753W, h33km, mb5.5/23, MS5.2/6, Error ellipse: s-maj=11.7km s-min=10.5km az=83.6
IDC 15 10:27:31.6, 2.5, 3193S, 17749W, h38km, 19km, mb4.9/11, mb1.5/12, mb1.9/13, mb1.9/13, mb1.9/12, MLS.4/1, MS5.0/16, Ms1.5/16, ms1mx4.7/25, Error ellipse: s-maj=16.4km s-min=13.2km az=3.0
ISC 15 10:27:30.1, 0.1, 3245Sx003x17747W,0.04, h35km, (h30km,6.0km;pp-P),n647,0569/459,mb5.3/57,MS5.1/25, 132C-124D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, S, SNR, and other parameters. Includes stations like URZ, Urewera, Ureua, etc.

Table with columns: Code, Station Name, Az, El, P, S, SNR, and other parameters. Includes stations like NWA0, Narrogin (SRO), Tagaytay City, etc.

MNRC	McLaughlin Nat	87.45	40	UP	P	10 40 14.1 +0.3	TPH	Tonopah	89.82	43	eP	P	10 40 25.1 +0.1	CN2	comp=Z,10nm,1.4s,mb5.0	AMB	AMB			
Q03C	Winters	87.51	40	UP	P	10 40 14.3 +0.2	TPH	comp=Z,33nm,1.2s,mb5.5						CN2	comp=Z,200nm,4.0s	AMB	AMB			
S05C	Merced	87.54	42	UP	P	10 40 13.8 -0.4	W13A	Hualapai Mount	89.84	47	P	P	10 40 25.9 +0.8	CN2	comp=Z,600nm,14.0s,MS5.2	LR	LR			
PET	Petropavlovsk	87.62	346	eP	P	10 40 13.3 -0.9	M04C	Macdell	89.86	38	UP	P	10 40 25.4 +0.3	P12A	McGill	92.10	43	UP	P	10 40 35.7 +0.2
PET	comp=Z,19nm,1.2s,mb5.2					10 50 52.0 -1.0	P07A	Fallon	89.87	41	UP	P	10 40 25.5 +0.3	O11A	Cowboy Ranch,	92.10	43	UP	P	10 40 35.6 +0.1
PET	comp=Z,100nm,11.9s						HUMO	Hull Mountain	89.88	37	P	P	10 40 25.2 +0.1	H05A	Madras	92.22	36	UP	P	10 40 36.1 +0.1
PET	comp=Z,500nm,17.0s,MS5.0						M05C	Lookout	89.92	39	UP	P	10 40 24.8 -0.5	I06A	Prineville	92.23	37	P	P	10 40 36.0 0.0
O01C	Eel River Cons	87.64	38	UP	P	10 40 14.3 -0.3	Q08A	Gabbi	89.95	42	UP	P	10 40 25.4 -0.2	L09A	Wilkinson Creek	92.25	40	UP	P	10 40 35.9 -0.3
T06C	Millerton Lake	87.65	43	P	P	10 40 14.4 -0.4	SHPR	Sheep Range	89.99	46	eP	P	10 40 26.1 +0.3	K08A	Mann Creek Ran	92.30	39	UP	P	10 40 36.4 +0.1
LRMC	Laurel Mountain	87.78	45	P	P	10 40 15.7 +0.3	R09A	Tonopah	90.02	43	P	P	10 40 25.9 0.0	KDAK	Kodiak Island	92.30	13	LR	LR	11 21 22.8
RRX	Edison Barstow	87.79	46	UP	P	10 40 15.3 -0.2	TUC	Tucson	90.04	51	eP	P	10 40 26.8 +0.6	J07A	Hines	92.30	38	UP	P	10 40 36.2 -0.2
BELC	Belle Mtn.	87.81	47	P	P	10 40 16.1 +0.5	X14A	Yava	90.06	48	UP	P	10 40 26.6 +0.4	E03A	Lebam	92.44	34	UP	P	10 40 37.1 +0.2
HELL	Mitchell Peak,	87.82	43	P	P	10 40 15.1 -0.5	S10A	Tonopah Range,	90.08	44	UP	P	10 40 26.2 0.0	N11A	Elko Archery C	92.51	42	UP	P	10 40 37.4 0.0
R04C	Big Horse Ranch	87.84	41	UP	P	10 40 15.2 -0.5	L04A	Klamath Falls	90.11	38	UP	P	10 40 26.1 -0.1	M10A	I.L. Raeh, Tu	92.53	41	UP	P	10 40 37.9 +0.4
GASB	Alder Springs	87.86	39	UP	P	10 40 16.3 +0.6	J02A	Umpqua	90.12	36	UP	P	10 40 26.1 -0.2	F04A	Amboy	92.55	35	UP	P	10 40 37.5 0.0
GLA	Glamis	87.91	48	UP	P	10 40 16.4 +0.3	M06C	Likely Place G	90.17	39	P	P	10 40 26.4 -0.2	G05A	Wamic	92.59	36	UP	P	10 40 37.9 +0.2
NJ2	Nanjing	87.92	310	eP	AMB	10 40 16.6 +0.4	N06A	Buffalo Meadow	90.19	40	UP	P	10 40 26.4 -0.3	K09A	Rome	92.68	40	P	P	10 40 38.4 +0.2
BC3	Big Chuckw Mtn	87.92	47	UP	P	10 40 16.2 +0.1	O07A	Toulon	90.31	41	UP	P	10 40 27.1 -0.2	I07A	Izee	92.70	38	UP	P	10 40 38.4 +0.2
CMB	Columbia Colie	87.99	42	eP	P	10 40 16.0 -0.4	U12A	Valley of Fire	90.31	46	UP	P	10 40 27.7 +0.3	H06A	Lindquist Farm	92.73	37	P	P	10 40 37.9 -0.5
CMB	Columbia Colie	87.99	42	eP	P	10 40 16.0 -0.4	Q09A	Carvers	90.36	43	UP	P	10 40 27.6 +0.1	J08A	Circle Bar Ran	92.73	39	UP	P	10 40 38.2 -0.1
CMB	comp=Z,71nm,1.5s,mb5.7						T12A	Moapa	90.40	46	UP	P	10 40 28.1 +0.3	D03A	Wishkah Elem.	92.76	33	UP	P	10 40 38.7 +0.3
CMB	Columbia Colie	87.99	42	P	P	10 40 16.0 -0.4	W14A	Gelgiman	90.42	48	UP	P	10 40 28.2 +0.4	E04A	Onalaska	92.88	34	UP	P	10 40 39.1 +0.1
J04C	Lincoln	88.01	40	UP	P	10 40 16.2 -0.3	J03A	Ideyld Park	90.43	36	UP	P	10 40 28.0 +0.3	M11A	Holland Ranch,	92.89	42	UP	P	10 40 39.3 +0.1
QCC	Jacoby Creek	88.02	38	UP	P	10 40 16.9 +0.4	P08A	Dixie Valley	90.43	42	UP	P	10 40 28.2 +0.4	G06A	Carlson Farm,	92.93	36	P	P	10 40 38.9 -0.4
SUTB	Sutter Butte	88.06	40	UP	P	10 40 16.0 -0.7	I02A	Mapleton	90.46	36	UP	P	10 40 27.9 +0.1	N12A	Clover Valley,	92.93	42	UP	P	10 40 39.4 0.0
KCC	Kaiser Creek	88.10	43	UP	P	10 40 16.5 -0.4	X15A	Humboldt	90.48	49	UP	P	10 40 28.7 +0.5	L10A	Juniper Basin	92.95	41	UP	P	10 40 39.2 -0.2
HEC	Hector,Ludlow	88.16	46	UP	P	10 40 17.2 -0.1	R10A	Warm Springs	90.50	44	UP	P	10 40 28.2 +0.1	GYA	Guiyang	92.95	299	P	P	10 40 41.8 +2.0
S06C	San Francisco	88.18	42	UP	P	10 40 16.9 -0.4	K04A	Chilgün	90.51	38	UP	P	10 40 28.0 -0.1	GYA	batias Array		AP	PP	10 40 53.3 +2.3	
GSC	Goldstone	88.19	46	UP	P	10 40 17.5 +0.1	MDJ	Mudanjiang	90.56	325	P	AMB	10 40 29.0 +0.7	GYA	XP		PP	PP	10 44 27.3 +4.1	
CWC	Cottonwood Cre	88.20	44	P	P	10 40 17.5 0.0	MDJ	comp=Z,75nm,1.2s,mb5.9						GYA	SS		SKS	SS	10 51 11.6	
O02C	Red Bluff	88.20	39	P	P	10 40 18.0 +0.7	MDJ	comp=Z,642nm,4.6s						GYA	SS		S	SS	10 51 42.8 -0.6	
MPMC	Manual Prospec	88.30	45	P	P	10 40 18.1 +0.3	MDJ	comp=Z,408nm,14.7s,MS5.0						GYA	SS		S	SS	10 52 00.8 -1.2	
LAVA	Lava Cap Winer	88.30	41	P	P	10 40 17.4 -0.5	MDJ	Mudanjiang	90.56	325	eP	P	10 40 28.9 +0.6	GYA	comp=Z,970nm,8.9s		AMB	AMB	10 58 01.3 +2.7	
OHCM	Honcut	88.30	40	eP	P	10 40 17.7 -0.1	L05A	Lakeview	90.57	38	UP	P	10 40 43.0	GYA	comp=Z,690nm,20.3s,MS5.1		LR	LR		
IRM	Iron Mountain	88.44	47	P	P	10 40 19.2 +0.5	N07B	Gerlach	90.69	40	UP	P	10 40 28.6 -0.4	F05A	White Salmon	92.98	35	UP	P	10 40 39.6 +0.1
ORV	Oroville	88.45	40	UP	P	10 40 18.2 -0.3	I03A	Eugene	90.71	36	UP	P	10 40 29.0 0.0	C03A	Quillayute Air	93.01	32	UP	P	10 40 40.2 +0.7
O03C	Acorn Hollow,	88.48	39	UP	P	10 40 18.5 -0.1	MOD	Modoc	90.75	39	eP	P	10 40 29.2 0.0	H07A	Lands Inn, Kim	93.02	37	UP	P	10 40 39.2 -0.4
GMRC	Granite Mounta	88.54	47	UP	P	10 40 19.3 +0.2	MOD	Modoc	90.75	39	UP	P	10 40 28.9 -0.3	KLR	Kuldur	93.03	329	eP	P	10 40 36.2 -3.4
TIN	Tinemaha	88.54	43	UP	P	10 40 18.9 -0.1	DL2	Dalian	90.76	317	P	AMB	10 40 30.1 +0.8	I08A	Drewsey	93.06	38	UP	P	10 40 39.7 -0.2
MTUM	Tungsten Hills	88.55	43	UP	P	10 40 19.2 +0.2	DL2	comp=Z,40nm,0.8s,mb5.8						MSU	Marysvalde	93.09	46	UP	P	10 40 41.3 +1.2
Y12C	Blythe	88.56	48	UP	P	10 40 19.4 +0.2	J04A	Umpqua Nationa	90.77	37	UP	P	10 40 29.3 0.0	J09A	Fry Pan Ranch,	93.11	39	UP	P	10 40 39.9 -0.3
MLAC	Mammoth Lakes	88.58	43	UP	P	10 40 19.4 +0.2	O08A	Rochester Mine	90.80	41	UP	P	10 40 29.3 -0.2	TXAR	comp=Z,924nm,18.7s,MS5.3,ba	93.12	57	PKK	PKK	10 57 56.1 +6.9
WDC	Whiskeytown Da	88.63	39	UP	P	10 40 19.3 0.0	Q10A	Ole Creek Ra	90.80	43	UP	P	10 40 29.4 -0.1	TXAR	comp=Z,924nm,18.7s,MS5.3,ba	93.12	57	PKK	PKK	10 57 56.1 +6.9
R05C	Kirkwood Meado	88.63	41	UP	P	10 40 19.0 -0.4	P09A	Austin	90.87	42	UP	P	10 40 29.2 -0.6	K10A	MacKenzie Ran	93.20	40	UP	P	10 40 40.3 -0.3
M01C	Crescent City	88.73	37	UP	P	10 40 20.3 +0.5	W15A	Williams	90.91	48	UP	P	10 40 29.9 -0.2	F06A	Goldendale	93.23	36	UP	P	10 40 40.5 -0.2
P05C	Yuba Gap, Truc	88.76	41	P	P	10 40 19.9 -0.1	M07A	Soldier Meadow	91.00	40	UP	P	10 40 30.2 -0.2	E05A	Randle	93.32	35	UP	P	10 40 40.3 -0.7
R07C	Lee Vining	88.78	42	UP	P	10 40 20.4 +0.3	I04A	Tendick Farm,	91.01	36	P	P	10 40 30.9 +0.5	M12A	Wells	93.37	42	UP	P	10 40 41.6 +0.2
TUQ	Turquoise Mtn.	88.81	46	UP	P	10 40 20.8 +0.4	K05A	Summer Lake	91.02	38	UP	P	10 40 30.7 +0.2	L11A	Cat Creek Ran	93.40	41	UP	P	10 40 41.3 -0.2
WAKR	Walker	88.85	42	eP	P	10 40 20.6 +0.1	HABR	Khabarovsk	91.05	331	eP	P	10 40 29.7 -0.7	N13A	Wendover, West	93.41	43	UP	P	10 40 41.1 -0.4
R06C	Coleville	88.85	42	P	P	10 40 20.6 +0.2	HABR	comp=Z,92nm,1.2s,mb5.3						LON	Longmire	93.43	35	eP	P	10 40 41.9 +0.4
S08C	White Mtn Res	88.88	43	P	P	10 40 21.1 +0.5	HABR	comp=Z,92nm,1.2s,mb5.3						G07A	Ruggs Ranch, H	93.44	37	UP	P	10 40 41.4 -0.2
SHOC	Shoshone	88.91	45	UP	P	10 40 20.8 0.0	T13A	Saint George	91.08	46	UP	P	10 40 31.0 +0.1	I09A	Lost Marbles R	93.54	39	UP	P	10 40 41.3 -0.8
FURC	Furnace Creek,	88.95	45	P	P	10 40 20.9 0.0	N08A	GE Springer Mi	91.15	41	P	P	10 40 31.2 +0.1	C04A	Brinnon	93.58	33	UP	P	10 40 42.1 0.0
GRAC	Grapevine Rang	89.00	44	UP	P	10 40 21.5 +0.3	H03A	Soap Creek Ran	91.21	35	UP	P	10 40 31.4 +0.1	B04A	Port Angeles	93.58	33	UP	P	10 40 42.3 +0.2
Y13A	Salome	89.04	48	UP	P	10 40 22.2 +0.8	J05A	Fort Rock	91.24	37	UP	P	10 40 31.5 0.0	K11A	Parker Ranch,	93.65	40	UP	P	10 40 42.3 -0.3
M02C	Callahan	89.05	38	UP	P	10 40 21.9 +0.6	Q11A	Duckwater	91.25	44	UP	P	10 40 31.6 0.0	D05A	Enkielaw	93.66	34	UP	P	10 40 43.2 +0.7
O05C	Quincy	89.05	40	UP	P	10 40 21.1 -0.3	O09A	Fish Creek Ran	91.26	42	UP	P	10 40 31.2 -0.4	E06A	Yakima	93.68	35	UP	P	10 40 42.6 -0.1
PDMCI	Parker Dam,Lak	89.16	48	UP	P	10 40 22.5 +0.5	P10A	Eureka	91.30	43	UP	P	10 40 31.2 -0.6	J10A	Berg Farm, Mel	93.69	40	UP	P	10 40 42.3 -0.5
NEE2	Needles Airpor	89.17	47	UP	P	10 40 22.7 +0.6	L07A	Adell	91.35	39	P	P	10 40 32.5 +0.5	F07A	Phinny Hill Vi	93.75	36	UP	P	10 40 42.7 -0.3
O04C	Chester	89.22	40	UP	P	10 40 21.8 -0.4	K06A	Valley Falls	91.41	38	UP	P	10 40 32.3 0.0	M13A	Montello	93.76	42	UP	P	10 40 43.0 -0.2
L02A	Cave Junction	89.22	37	UP	P	10 40 22.7 +0.6	BMN	Battle Mountai	91.42	42	UP	P	10 40 32.7 +0.3	DUG	Dugway	93.79	44	UP	P	10 40 43.2 -0.6
WCN	Washoe City	89.23	41	UP	P	10 40 22.3 +0.1	M08A	Happy Creek Ra	91.47	40	UP	P	10 40 32.6 0.0	L12A	House Creek Ra	93.80	41	UP	P	10 40 43.2 -0.1
U10A	Ash Meadows, A	89.23	45	UP	P	10 40 22.7 +0.4	R12A	Pony Springs,	91.52	44	UP	P	10 40 33.0 +0.1	G08A	Pilot Rock	93.81	37	P	P	10 40 43.4 +0.1
BE1A	Sixes	89.27	36	UP	P	10 40 22.2 -0.1	N09A	Rock Creek Ran	91.53	41	UP	P	10 40 33.0 +0.1	I10A	Payette	94.12	39	UP	P	10 40 45.0 +0.2
BEKR	Beckworth	89.29	40	P	P	10 40 22.2 -0.2	T14A	Hurricane	91.61	46	P	P	10 40 33.9 +0.6	C05A	Toll Reservoir	94.16</				

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Baijiatatau, Beijing, Tall Timber Ra, Larsen Ranch, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Lanzhou, Songrio Array, Yellowknife Ar, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TUTA, FIA1, FINES, VRSR, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VRAC Vranov, PRU Moxa, MOX Moxa, TOAD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like REVV Revere, STA Anna Valdi, STA Anna Valdi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes NEIC 15 10:31:37.4, 4400N-850E, CSEM 15 10:31:37.2, 4402N-854E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes TRAV TRAV, CORF Corte, LPGA La Plagne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes IDC 15 11:20:19.6, 3.4, 321E6, B/JJ 15 11:32:57.6, 7.80S, 7350W, etc.

15d 11h

PCRV	Puerto La Cruz	20.08 27 Lg	11 43 38.0
JTS	JuntasAbangare	21.35 328 eP	11 37 43.3 -0.7
JTS	JuntasAbangare	17.35 328 P	11 37 43.3 -0.6
TEIG	Tepich	31.49 333 eP	11 39 20.9 +2.4
TXAR	Lajitas Array	47.03 323 P	11 41 27.7 -0.2
TXAR	Lajitas Array	147.147,slow=9.0,SNR=15 pP	11 41 27.6 -3.7
WMOK	Wichita Mounta	48.67 332 eP	11 41 39.8 -0.7
WMOK	Albuquerque	52.75 326 e	11 41 45.5
ANMO	Eloy	54.22 320 eP	11 42 17.2 -2.7
SDCO	Great Sand Dun	54.34 329 eP	11 42 22.2 -0.8
SDCO	Mesa Verde	55.53 326 eP	11 42 32.3 +0.8
X15A	Humboldt	55.82 321 eP	11 42 33.8 +0.1
Y14A	Wickenburg	55.94 320 eP	11 42 34.7 +0.1
WUAZ	Wupatki	55.99 323 eP	11 42 35.4 +0.4
WUAZ	Wupatki	55.99 323 eP	11 42 35.4 +0.5
X14A	Yava	56.22 321 eP	11 42 36.9 +0.3
PV01	Paradox Valley	56.24 327 eP	11 42 36.3 -0.4
W15A	Williams	56.30 322 eP	11 42 37.6 +0.5
Y13A	Salome	56.38 320 eP	11 42 37.9 +0.1
GLA	Glamis	56.55 318 eP	11 42 38.9 -0.1
PV10	Paradox Valley	56.67 327 eP	11 42 39.2 -0.5
Y12C	Blythe	56.79 319 eP	11 42 40.8 +0.1
W14A	Seligman	56.82 322 eP	11 42 41.0 +0.1
X13A	Yucca	56.88 320 eP	11 42 41.7 +0.4
W13A	Hualapai Mount	57.25 321 eP	11 42 44.5 +0.6
BC3	Big Chuckw Mtn	57.34 319 eP	11 42 44.8 +0.2
IRM	Iron Mountain	57.45 319 eP	11 42 45.6 +0.3
BELC	Belle Mtn.	57.91 319 eP	11 42 48.7 +0.1
T14A	Hurricane	58.05 323 P	11 42 50.1 +0.6
GMRC	Granite Mounta	58.17 320 eP	11 42 50.4 0.0
V12A	Nelson	58.25 321 eP	11 42 50.9 0.0
MURC	Murrieta	58.46 318 eP	11 42 52.3 -0.1
MSU	Marysvale	58.51 325 eP	11 42 51.5 -1.1
MSU	Saint George	58.51 323 eP	11 42 52.6 -0.1
U12A	Valley of Fire	58.51 322 eP	11 42 52.8 0.0
S14A	Cedar City	58.57 324 eP	11 42 53.3 +0.2
V11A	Goodsprings	58.69 321 eP	11 42 53.6 -0.4
TUQ	Turquoise Mtn.	57.95 320 eP	11 42 54.1 -0.3
GSC	Goldstone	59.23 319 eP	11 42 58.2 +0.4
MPU	Maple Canyon	59.25 327 eP	11 42 57.9 +0.1
JLU	Jordanelle	59.56 327 eP	11 42 59.4 -0.5
R12A	Pony Springs,	59.79 323 eP	11 43 02.3 +0.8
LRMC	Laurel Mountai	59.91 319 eP	11 43 02.3 -0.1
FURC	Furnace Creek,	59.98 320 eP	11 43 03.3 +0.3
DUG	Dugway	60.02 326 eP	11 43 03.0 -0.1
DUG	Dugway	60.02 326 eP	11 43 03.5 +0.4
S11A	Rache	60.03 322 eP	11 43 03.5 +0.3
MPMC	Manual Prospec	60.13 320 eP	11 43 03.9 -0.1
BW06	Boulder Array	60.16 330 eP	11 43 02.9 -1.1
PDAR	Pinedale Array	60.16 330 P	11 43 02.4 -1.6
PDAR	Hardware Ranch	60.34 328 eP	11 43 07.9 -4.8
HWUT	Willow Creek R	60.39 324 eP	11 43 09.3
Q12A	Isabella	60.53 319 eP	11 43 06.5 -0.2
ISA	Isabella	60.53 319 eP	11 43 06.5 -0.2
SPUT	South Promonto	60.60 327 eP	11 43 06.3 -0.7
GRAC	Grapevine Rang	60.63 321 eP	11 43 07.2 -0.2
M15A	Larsen Ranch,	60.70 327 eP	11 43 07.9 +0.2
P12A	McGill	60.72 324 P	11 43 08.5 +0.6
S10A	Tonopah Rang,	60.73 322 P	11 43 08.6 +0.6
CWC	Cottonwood Cre	60.74 320 eP	11 43 08.0 -0.1
Q11A	Duckwater	60.75 323 P	11 43 08.4 +0.3
R10A	Warm Springs	60.78 322 eP	11 43 08.5 +0.2
S09A	Goldfield	60.99 321 eP	11 43 09.9 +0.1
YES	Vestal, Richgr	61.03 319 eP	11 43 10.2 +0.1
ULM	Lac du Bonnet	61.10 344 P	11 43 07.8 -2.5
ULM	Ulmer	61.13 323 eP	11 43 13.3 -5.6
Q10A	Clear Creek Ra	61.18 323 eP	11 43 11.0 0.0
M14A	Sheep Mountain	61.22 327 eP	11 43 10.9 -0.3
R09A	Tonopah	61.22 322 eP	11 43 11.4 +0.1
N13A	Wendover, West	61.25 326 eP	11 43 11.5 0.0
LOHW	Long Hollow	61.30 330 eP	11 43 10.7 -1.1
SMCC	Simmler	61.33 318 eP	11 43 12.1 0.0
RCTC	Rector, Farmer	61.41 319 eP	11 43 12.5 -0.2
S08C	White Mtn Res	61.44 321 eP	11 43 13.1 +0.2
HELL	Mitchell Peak,	61.49 319 eP	11 43 13.2 0.0
M13A	Montello	61.57 326 eP	11 43 13.5 -0.1
O11A	Cowboy Ranch,	61.59 324 eP	11 43 13.8 0.0
K14A	Jones Ranch, D	61.85 328 eP	11 43 15.4 -0.1
L13A	Double Diamond	61.95 327 P	11 43 17.1 +1.0
NVAR	Mina Array Bea	62.09 321 P	11 43 16.4 -0.8
NVAR	Mina Array Bea	62.09 321 P	11 43 16.4 -0.8
Q08A	Gabbs	62.13 322 eP	11 43 17.3 -0.2
O10A	Cortez Mining,	62.18 324 eP	11 43 18.1 +0.3
YMR	Madison River	62.25 331 eP	11 43 19.3 +1.1
YMR			11 43 23.4

2007 FEB

DGMT	Dagmar	62.29 338 eP	11 43 17.9 -0.4
R07C	Lee Vining	62.35 321 P	11 43 19.6 +0.7
O09A	Fish Lake Ran	62.51 323 eP	11 43 20.0 +0.1
L12A	House Creek Ra	62.57 326 eP	11 43 20.6 +0.3
QLMT	Earthquake Lak	62.59 331 eP	11 43 21.1 +0.6
S05C	Merced	62.73 319 eP	11 43 21.6 +0.1
S06C	San Francisco	62.73 320 P	11 43 21.7 +0.2
K12A	Draper Farm, C	62.84 327 P	11 43 22.4 +0.3
R06C	Coleville	62.87 321 eP	11 43 22.9 +0.5
J13A	Cove Ranch, Pi	62.97 328 eP	11 43 22.5 -0.4
L11A	Cat Creek Ranc	62.99 326 eP	11 43 23.0 -0.1
N09A	Rock Creek Ran	63.14 324 eP	11 43 24.2 0.0
PACP	Pacheco Creek	63.16 318 eP	11 43 24.0 -0.3
CMB	Columbia Colle	63.17 320 eP	11 43 24.2 -0.2
HLID	Hailey	63.21 328 eP	11 43 24.5 0.0
HLID	Hailey	63.21 328 eP	11 43 29.0
HLID	Hailey	63.21 328 eP	11 43 24.8 +0.3
BOZ	Bozeman (W)	63.29 331 eP	11 43 25.3 +0.3
MCMT	McKenzie Canyo	63.29 330 eP	11 43 25.6 +0.5
MCMT	McKenzie Canyo	63.29 330 eP	11 43 31.4
I13A	Wildhorse Cree	63.30 328 eP	11 43 25.1 0.0
L10A	Juniper Basin	63.33 325 eP	11 43 25.5 +0.1
G15A	Dillon	63.35 330 eP	11 43 25.6 +0.1
R05C	Kirkwood Meado	63.37 321 eP	11 43 25.8 +0.1
O07A	Toulon	63.51 323 eP	11 43 26.6 0.0
WCN	Washoe City	63.52 321 P	11 43 27.4 +0.6
K11A	Parker Ranch,	63.55 326 eP	11 43 27.0 +0.2
R04C	Big Horse Ranc	63.65 320 eP	11 43 27.9 +0.4
LAVA	Lava Cap Winer	63.81 320 eP	11 43 28.7 0.0
H13A	Challis	63.82 329 eP	11 43 28.7 +0.1
F15A	Butte	63.84 331 eP	11 43 28.5 -0.1
MFID	Camas Ranch	63.86 327 P	11 43 29.2 +0.3
G14A	Jackson	63.89 330 eP	11 43 29.0 0.0
K10A	MacKenzie Ranc	64.01 326 eP	11 43 29.9 0.0
M08A	Happy Creek Ra	64.02 324 eP	11 43 29.9 -0.1
O06A	Flanigan	64.09 322 eP	11 43 30.3 -0.2
H12A	Diamond D Ranc	64.12 328 eP	11 43 30.4 -0.1
G13A	Cobalt	64.17 329 eP	11 43 31.1 +0.2
EGMT	Eggleton	64.20 334 eP	11 43 30.7 -0.3
BEKR	Beckworth	64.24 321 eP	11 43 31.2 -0.2
F14A	Wisdom	64.25 330 eP	11 43 31.6 +0.3
I11A	Placerville	64.27 327 P	11 43 31.4 -0.2
Q04C	Lincoln	64.27 320 eP	11 43 31.2 -0.4
E15A	Deer Lodge	64.33 331 eP	11 43 32.0 +0.1
J10A	Berg Farm, Mel	64.38 326 eP	11 43 32.1 -0.1
K09A	Rome	64.44 325 P	11 43 32.9 +0.2
M07A	Soldier Meadow	64.43 323 eP	11 43 32.5 -0.3
N06A	Buffalo Meadow	64.45 323 P	11 43 32.6 -0.2
L08A	Fields	64.47 325 eP	11 43 32.8 -0.1
Q03C	Winters	64.56 320 eP	11 43 33.5 0.0
O05C	Quincy	64.64 321 eP	11 43 34.0 0.0
F13A	Darby	64.71 330 eP	11 43 34.4 +0.1
E14A	Clinton	64.74 331 eP	11 43 34.7 +0.1
ORV	Oroville	64.76 321 P	11 43 35.2 +0.4
J09A	Fry Pan Ranch,	64.88 326 eP	11 43 35.6 +0.1
K08A	Mann Creek Ran	64.89 325 eP	11 43 35.4 -0.2
ELFS	Eagle Lake Fie	64.91 322 eP	11 43 35.8 0.0
L07A	Adell	64.94 324 eP	11 43 36.0 +0.1
O04C	Chester	64.95 322 eP	11 43 36.1 0.0
E13A	Vico	65.10 330 eP	11 43 37.1 +0.3
M06C	Likely Place G	65.11 323 eP	11 43 37.0 -0.1
H10A	Noah's Angus R	65.14 327 eP	11 43 37.2 0.0
D14A	Greenough	65.22 331 eP	11 43 37.8 +0.1
I09A	Lost Marbles R	65.27 326 eP	11 43 37.7 -0.3
J08A	Circle Bar Ran	65.28 325 eP	11 43 38.0 -0.1
MOD	Modoc	65.43 323 eP	11 43 39.1 0.0
HATC	Hat Creek Radi	65.48 322 eP	11 43 39.7 +0.3
GASB	Alder Springs	65.59 320 eP	11 43 40.1 0.0
M05C	Lookout	65.61 322 eP	11 43 40.3 0.0
D13A	Huson	65.69 331 eP	11 43 41.0 +0.3
F11A	Grangeville	65.70 329 eP	11 43 41.2 +0.4
L05A	Lakeview	65.83 323 eP	11 43 42.0 +0.2
E11A	Bogner Ranch,	66.05 329 eP	11 43 42.9 -0.1
D12A	Red Ives Feres	66.10 330 eP	11 43 43.5 +0.2
M03C	McCloud	66.15 322 eP	11 43 43.3 -0.4
C13A	Hot Springs	66.16 331 eP	11 43 44.0 +0.3
J06A	Christmas Vall	66.17 325 eP	11 43 43.9 0.0
M04C	Macdoel	66.28 322 eP	11 43 44.5 -0.1
K05A	Summer Lake	66.28 324 eP	11 43 45.1 +0.5
F10A	Beach Ranch, E	66.31 328 eP	11 43 45.0 +0.3
I07A	Ize	66.32 326 eP	11 43 45.5 +0.7
F09A	Slave Ranch, Elgi	66.50 328 eP	11 43 46.5 +0.6
D11A	Klaveano Farm,	66.58 330 eP	11 43 46.7 +0.2
E10A	Myers Farm, Un	66.60 329 eP	11 43 46.6 +0.1
I06A	Prineville	66.63 325 eP	11 43 46.9 +0.1
H07A	Lands Inn, Kim	66.67 326 eP	11 43 47.7 +0.6
J05A	Fort Rock	66.82 324 eP	11 43 48.5 +0.5

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WALA	Waterton Lakes	66.83 332 P	11 43 48.0 +0.1
WALA	Hall Mountain,	67.91 331 eP	11 43 52.3
D10A	Wagner Farm, O	67.06 329 eP	11 43 49.4 -0.1
E09A	Wood Farm, Sta	67.15 328 eP	11 43 49.6 -0.5
H06A	Lindquist Farm	67.19 326 eP	11 43 50.3 0.0
B12A	Libby	67.20 331 eP	11 43 51.0 +0.7
B11A	Sandpoint	67.55 331 eP	11 43 52.8 +0.3
C10A	Spiker Farm,	67.59 330 eP	11 43 53.1 +0.3
D09A	Jones Farm, Ri	67.59 329 eP	11 43 53.0 +0.2
H05A	Madras	67.64 325 eP	11 43 53.5 +0.3
F07A	Phinny Hill Vi	67.70 327 eP	11 43 54.1 +0.6
NEW	Newport	67.80 330 eP	11 43 53.7 -0.4
NEW	Glendale	67.84 323 eP	11 43 58.7
K02A	Glendale	67.84 323 eP	11 43 54.5 -0.1
A11A	Hall Mountain,	67.91 331 eP	11 43 55.2 +0.5
G05A	Wamic	68.05 326 eP	11 43 56.0 +0.2
E07A	Sunside	68.08 327 eP	11 43 56.0 0.0
J02A	Umpqua	68.24 323 eP	11 43 56.8 -0.2
C08A	Higginbotham F	68.45 329 eP	11 43 58.6 +0.4
A10A	Northport	68.50 331 eP	11 43 58.6 +0.2
FCC	Fort Churchill	68.50 349 eP	11 43 56.6 -1.7
FCC	Quincy	68.55 328 eP	11 44 01.4
D07A	Quincy	68.55 328 eP	11 43 59.3 +0.5
E06A	Yakima	68.67 327 eP	11 43 59.9 +0.3
C07A	Waterville	68.91 328 eP	11 44 01.2 +0.1
B08A	Colville Reser	68.97 329 eP	11 44 01.8 +0.4
A09A	Danville	69.00 330 eP	11 44 01.6 0.















Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like NWAO Narogin (SRO), CM31 Chiang Mai Arr, CM31 Chiang Mai, etc.

CSEM 15 18:06:45.9.0.1, 3845N:39.02E, h10km, MD3.2, Error ellipse: s-maj=3.5km s-min=1.9km az=128.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ELZG Elazig, ELZG Elazig, PTK Pertek, etc.

ISCJB 15 18:13:25.1.0.9, 2438N:007.9239E, 007, h10km, mb3.5/6, Error ellipse: s-maj=12.1km s-min=7.2km az=39.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SHL Shillong, SHL Shillong, IMP Imphal, etc.

ISC 15 18:41.4.3.4, 1766S, 17863W, h489km, 37km, mb3.3/4, mb1.3/5.4, mb1mx3.2/1.4, mbtmp3.3/4, Error ellipse: s-maj=63.2km s-min=20.7km az=144.0, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, WB2 Warramunga Arr, etc.

BJI 15 18:28:58.4, 1176N:142.12E, h31km, mb5.3, mb5.0, Ms4.8, Ms2.4

MOS 15 18:28:59.2.1.3, 1187N:141.90E, h33km, mb5.3/33, MS4.6/6, Error ellipse: s-maj=10.4km s-min=5.5km

ISCJB 15 18:29:03.3.0.1, 1182N:003.14183E, 002, h5km, mb5.2/106, MS4.5/33, Error ellipse: s-maj=4.1km s-min=2.7km az=171.5

NEIC 15 18:29:04.4.0.2, 1181N:141.87E, mb5.3/48, MW5.4, Error ellipse: s-maj=5.7km s-min=4.4km az=87.0, Moment Tensor Solution. s6 Moment tensor: Scale 10^17Nm; Mn=-0.57; Mw=0.33; Mx=0.24; My=1.01; Mz=1.33; Mb=0.38;

Best double couple: Mo1.80000x10^17 NP1.0x8.000000, lambda=159.00000, NP2.2x65.00000, lambda=39.00000, lambda=39.00000, Principal axes: T 1.7200, Azm31.0000; Azm321.0000; N 0.100, Plg48.0000; Azm66.0000; P -1.8400, Plg39.0000; Azm220.0000;

GCMT 15 18:29:04.4.0.1, 1167N:141.87E, h2km, MW5.4/99, Duration Tensor Solution. s87,c152; s99,c198; Moment Tensor Solution. Scale 10^17Nm; Mn=-0.54x10^17; Mw=0.02x10^17; Mx=0.52x10^17; My=0.98x10^17; Mz=1.26x10^17; Mb=0.21x10^17; Best double couple: Mo1.69200x10^17 NP1.0x1.00000, lambda=160.00000, NP2.2x58.00000, lambda=39.00000, Principal axes: T 1.6640, Plg13.0000; Azm31.0000; N 0.0570, Plg49.0000; Azm60.0000; P -1.7200, Plg38.0000; Azm213.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s

IDC 15 18:29:04.8.0.6, 1179N:141.89E, h68km, 5km, mb4.9/24, mb1.5/0.26, mb1mx5.0/27, mbtmp4.9/26, MS4.4/20, Ms1.4/4.20, ms1mx4.3/24, Error ellipse: s-maj=10.3km s-min=8.7km az=84.0

ISC 15 18:29:05.0.0.1, 1183N:003.14188E, 002, h61km, h61km, 2.9km, pp-P, N532, e094/516, mb5.2/106, 103C-92D, Western Caroline Islands

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

ISCJB 15 18:13:25.1.0.9, 2438N:007.9239E, 007, h10km, mb3.5/6, Error ellipse: s-maj=12.1km s-min=7.2km az=39.3

IDC 15 18:13:25.4.1.1, 2450N:92.49E, h0km, mb3.6/6, mb1.3/8.6, mb1mx3.5/22, mbtmp3.6/6, Error ellipse: s-maj=5.1, 2.1km s-min=18.8km az=62.0

NEIC 15 18:13:27.1.1.1, 2448N:92.62E, h10km, Error ellipse: s-maj=26.8km s-min=13.8km az=50.0

ISC 15 18:13:28.5.2.3, 245N:01.9252E, 008, h16km, 14km, n12, e1512/14, mb3.5/6, India-Bangladesh border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SHL Shillong, SHL Shillong, IMP Imphal, etc.

ISC 15 18:41.4.3.4, 1766S, 17863W, h489km, 37km, mb3.3/4, mb1.3/5.4, mb1mx3.2/1.4, mbtmp3.3/4, Error ellipse: s-maj=63.2km s-min=20.7km az=144.0, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SSE comp=Z,230nm,5.1s, SSE comp=N,577nm,17.1s, etc.

SSS Sheshan 27.08 318 P P 18 34 42.4 +0.4

HNR Honiara 27.72 139 eP P 18 34 46.1 -1.8

HNR Honiara 27.72 139 eP P 18 34 46.1 -1.8

HNR Honiara 27.72 139 P P 18 34 45.5 -2.4

HNR Honiara 27.72 139 P P 18 34 45.5 -2.4

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HNR Honiara 27.72 139 P P 18 34 45.5 -2.4

HNR Honiara 27.72 139 P P 18 34 45.5 -2.4

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like HABR Khabarovsk, EIDS Eidsvold, KLR Kul'dur, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like CNB Canberra Magne, MA2 Magadan, KLBRR Kellerberrin, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like KSH Khabarovsk, KURK Kurchatov, FRU Bishkek, etc.



15d 19h

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like PDAR, X14A, Y14A, Z14A, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like IDC, ISC, and various codes.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like NOA, BOS, LDG, MOS, NEIC, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like CHCP, LSA, LSA, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like AML, AML, KBK, TKM2, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like VRI Vrincoiaia, PLOR Plostina, BURAR Bucovina Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like ASAR Alice Springs, ASAR Korea Array, STKA Stephens Creek, etc.

IDC 15 20:42:28.0.2.1, 125N-12638E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.3/1.6, mbtmp3.2/3, Error ellipse: s-maj=172.6km s-min=26.7km az=65.0, Northern Molucca Sea

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

ISCJB 15 20:54:13.5.0.4, 3575N-005x13875E, h0km, h170km, 3km, mb3.0/8, Error ellipse: s-maj=8.6km s-min=6.8km

IDC 15 20:54:13.9.1.0, 3576N-13886E, h163km, 6km, mb3.4/6, mb1 3.5/8, mb1mx3.3/2.2, mbtmp3.4/8, Error ellipse: s-maj=32.6km s-min=15.7km az=69.0

JMA 15 20:54:14.6.0.1, 3572N-13876E, h166km, 1km, M3.4, NEIC 15 20:54:14.1.0.9, 3572N-13881E, h163km, 6km, mb4.2/2, Error ellipse: s-maj=17.6km s-min=14.2km az=93.0

MOS 15 20:54:18.9.0.8, 3659N-13812E, h154km, mb4.1/1, Error ellipse: s-maj=24.0km s-min=15.9km az=04.8

ISC 15 20:54:14.6.0.4, 3576N-13874E, h0km, h164km, 3km, n31, 0974/40, mb3.8/8, Eastern Honshu

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

ISC 15 21:47:15.0.0.8, 035S-12493E, h0km, mb4.2/8, mb1 4.2/9, mb1mx4.1/1.9, mbtmp4.1/9, MS4.1/3, Ms1.4/1.3, ms1mx3.4/2.7, Error ellipse: s-maj=64.3km s-min=14.9km az=70.0

NEIC 15 21:47:16.9.0.5, 021S-12532E, h10km, mb4.6/8, Error ellipse: s-maj=20.9km s-min=2.0km az=63.0

BJI 15 21:47:16.8.0.20S, 12530E, h10km, mb5.1, mb4.6, MOS 15 21:47:17.1.1.4, 013S-12538E, h33km, mb4.7/8, Error ellipse: s-maj=30.3km s-min=11.2km az=12.7

ISCJB 15 21:47:21.6.3.0, 03S-1253E.01, h68km, 36km, mb4.2/21, Error ellipse: s-maj=24.2km s-min=10.3km az=141.6

ISC 15 21:47:21.7.2.9, 03S-1253E.01, h48km, 30km, n44, 01928/42, mb4.3/21, MS4.1/5, AC Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like KAKA Kakadu, KSM Kuching, FITZ Fitzroy Crossi, etc.

ISC 15 21:40:09.3.4, 435S-10195E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/1.9, mbtmp3.7/6, Error ellipse: s-maj=150.2km s-min=18.9km az=56.0, Southern Sumatera

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

ISCJB 15 21:26:01.4.0.7, 1070N-004x6255W, h0km, h100km, 6km, Error ellipse: s-maj=7.4km s-min=4.5km az=171.3

FUN 15 21:26:02.5, 1074N-0247W, h97km, MW9.9, TRN 15 21:26:04.1, 1084N-0248W, h86km, MD3.3, NEIC 15 21:26:04.1, 1084N-0248W, h85km, MD3.3, After TRN

ISC 15 21:26:02.0.7, 1071N-004x6255W, h97km, 7km, n18, 0989/35, 1C-3D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like GUIV Guiria, GUNV Guanoco, CRUV Carupano, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like TPP Brigand Hill, TBH Mount Saint C, TRP Prospect, etc.

IDC 15 21:39:25.5.1.6, 2844S-7092W, h0km, mb3.6/1, mb1 3.6/1, mb1mx3.5/1.7, mbtmp3.6/1, Error ellipse: s-maj=177.1km s-min=71.7km az=149.0

ISCJB 15 21:39:30.9.2.1, 2817S-005x712W, 0.2, h27km, 14km, mb3.5/1, Error ellipse: s-maj=25.0km s-min=6.0km az=13.2

GUC 15 21:39:31.2.0.7, 2818S-7119W, h21km, 7km, MD4.0, ML4.4

ISC 15 21:39:31.8.2.0, 2816S-004x711W, 0.2, h29km, 16km, n10, 0992/12, mb3.5/1, 1C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like VACH Vallenar, VACH Vallenar, CPCH Copiapo, etc.

IDC 15 21:47:15.0.0.8, 035S-12493E, h0km, mb4.2/8, mb1 4.2/9, mb1mx4.1/1.9, mbtmp4.1/9, MS4.1/3, Ms1.4/1.3, ms1mx3.4/2.7, Error ellipse: s-maj=64.3km s-min=14.9km az=70.0

NEIC 15 21:47:16.9.0.5, 021S-12532E, h10km, mb4.6/8, Error ellipse: s-maj=20.9km s-min=2.0km az=63.0

BJI 15 21:47:16.8.0.20S, 12530E, h10km, mb5.1, mb4.6, MOS 15 21:47:17.1.1.4, 013S-12538E, h33km, mb4.7/8, Error ellipse: s-maj=30.3km s-min=11.2km az=12.7

ISCJB 15 21:47:21.6.3.0, 03S-1253E.01, h68km, 36km, mb4.2/21, Error ellipse: s-maj=24.2km s-min=10.3km az=141.6

ISC 15 21:47:21.7.2.9, 03S-1253E.01, h48km, 30km, n44, 01928/42, mb4.3/21, MS4.1/5, AC Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like KAKA Kakadu, KSM Kuching, FITZ Fitzroy Crossi, etc.

ISC 15 21:40:09.3.4, 435S-10195E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/1.9, mbtmp3.7/6, Error ellipse: s-maj=150.2km s-min=18.9km az=56.0, Southern Sumatera

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

ISCJB 15 21:26:01.4.0.7, 1070N-004x6255W, h0km, h100km, 6km, Error ellipse: s-maj=7.4km s-min=4.5km az=171.3

FUN 15 21:26:02.5, 1074N-0247W, h97km, MW9.9, TRN 15 21:26:04.1, 1084N-0248W, h86km, MD3.3, NEIC 15 21:26:04.1, 1084N-0248W, h85km, MD3.3, After TRN

ISC 15 21:26:02.0.7, 1071N-004x6255W, h97km, 7km, n18, 0989/35, 1C-3D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like GUIV Guiria, GUNV Guanoco, CRUV Carupano, etc.



Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PLIG	Platanillo	6.28	92	iP	Pn	23 31 06.3	-2.1
PLIG	Platanillo	6.28	92	eP	Pn	23 31 08.4	+0.3
PLIG	Platanillo	6.28	92	iS	Pn	23 32 21.1	+0.7
LPIG	La Paz	6.58	242	iP	Pn	23 31 06.3	-6.3
LPIG	La Paz	6.58	242	eP	Pn	23 32 21.5	-6.2
PPM	Popocatepetl	7.09	86	iP	Pn	23 31 19.2	-0.4
PPM	Popocatepetl	7.09	86	iS	Pn	23 32 41.0	+0.7
UTMO	Huajuapán	7.95	96	iP	Pn	23 31 32.4	+1.1
UTMO	Huajuapán	7.95	96	iS	Pn	23 33 00.0	-1.4
TPIG	Tehuacán	8.30	91	iP	Pn	23 31 36.1	-0.2
TPIG	Tehuacán	8.30	91	iS	Pn	23 32 11.9	+2.3
LNIG	Linares	8.67	44	iP	Pn	23 31 43.8	+2.5
LNIG	Linares	8.67	44	eS	Pn	23 33 16.9	-2.2
VHO	Vista Hermosa	9.09	99	iP	Pn	23 31 45.0	-2.0
VHO	Vista Hermosa	9.09	99	iS	Pn	23 31 46.5	-0.5
PVO	Puerto Viejo	9.30	28.0	iP	Pn	23 32 28.0	-1.0
HUG	Huastulco	10.01	106	iP	Pn	23 32 01.1	+1.4
TXAR	Lajitas Array	10.74	12	iP	Pn	23 32 13.4	+3.8
TXAR	Lajitas Array	10.74	12	Pn	Pn	23 32 13.4	+3.7
CMIG	Matias Romero	10.82	97	LR	LR	23 32 10.1	-0.6
CMIG	Matias Romero	10.82	97	LR	LR	23 32 28.5	
CMIG	Matias Romero	10.82	97	LR	LR	23 32 10.1	-0.6
CMIG	Matias Romero	10.82	97	LR	LR	23 32 28.5	
CMIG	Matias Romero	10.82	97	LR	LR	23 32 10.1	-0.6
CMIG	Matias Romero	10.82	97	LR	LR	23 32 28.5	
MNTX	comp=Z,634nm,19.6s,baz=276,slow=39						
GDLE	Coronas Mound	12.88	3	eP	Pn	23 32 41.0	+2.1
GDLE	Guadalupe Moun	13.46	6	eP	Pn	23 32 52.5	+5.7
CCIG	Comital	13.56	98	iP	Pn	23 32 45.3	-3.0
TUCO	Tucson	14.12	344	ePn	Pn	23 32 56.0	+0.2
BNC	Barren Site	15.32	358	ePn	Pn	23 33 10.9	-1.1
ANMO	Albuquerque	16.11	359	Pn	Pn	23 33 23.0	+0.7
ANMO	Albuquerque	16.11	359	LR	LR	23 39 29.5	
ANMO	Albuquerque	16.11	359	Pn	Pn	23 33 23.0	+0.7
ANMO	Albuquerque	16.11	359	LR	LR	23 39 29.5	
AMTX	Amarillo	16.52	13	eP	Pn	23 33 29.5	+5.4
NATX	Nacogdoches	16.55	36	ePn	Pn	23 33 28.6	+0.7
TEIG	Tepich	16.88	82	Pn	Pn	23 33 34.4	+2.2
TEIG	Tepich	16.88	82	LR	LR	23 40 42.6	
TEIG	Tepich	16.88	82	LR	LR	23 33 34.4	+2.2
TEIG	Tepich	16.88	82	LR	LR	23 40 42.6	
WMOK	Wichita Moun	17.18	21	eP	Pn	23 33 40.3	+4.4
WUAZ	Wupatki	17.31	345	ePn	Pn	23 33 38.2	+0.7
PFO	Pinyon Flat Ob	17.43	37	-1.3	Pn	23 33 37.7	-1.3
MVCO	Mesa Verde	18.48	354	eP	Pn	23 33 51.8	-0.1
TGUH	Teguicigalpa,Un	18.67	102	P	Pn	23 33 53.8	-0.5
SDCO	Great Sand Sun	18.91	1	ePn	Pn	23 33 57.2	+0.1
MIAR	Mount Airy	19.26	33	eP	Pn	23 34 02.2	+0.7
SHPR	Sheep Range	19.37	338	eP	Pn	23 34 01.6	-1.1
PV01	Paradox Valley	19.49	353	eP	Pn	23 34 02.2	+0.9
PV10	Paradox Valley	19.60	353	eP	Pn	23 34 05.3	-1.2
PV10	Paradox Valley	19.60	353	S	Pn	23 37 47.4	-0.3
ARUT	Antelope Range	19.99	343	eP	Pn	23 34 08.2	-0.2
UALR	University of	20.09	35	P	Pn	23 34 09.8	+0.4
DAC	Darwin (Calif)	20.16	322	ePn	P	23 34 09.2	-1.0
MSU	MSU	20.38	346	eP	P	23 34 31.1	+0.7
SRU	San Rafael	20.62	350	eP	P	23 34 16.4	+1.3
CBKS	Cedar Bluff	20.72	14	eP	P	23 34 16.1	-0.2
TMUT	Trail Mountain	20.92	349	eP	P	23 34 20.0	+1.6
ISCO	Idaho Springs	20.95	1	eP	P	23 34 19.6	+0.8
HBAR	Harrisburg	21.59	36	P	P	23 34 25.7	-0.1
NLU	North Lily Min	21.72	348	eP	P	23 34 23.7	-3.3
KSU1	Kansas State U	21.86	20	eP	P	23 34 30.4	+1.8
DAU	Daniels Canyon	22.01	349	eP	P	23 34 30.5	+0.3
DUG	Dugway	22.01	346	eP	P	23 34 31.7	+0.4
JLU	Jordanle	22.23	349	eP	P	23 34 33.6	+1.1
NVAR	Niina Arrin B	22.27	334	P	P	23 34 31.6	-1.4
CTU	Camp Tracy	22.37	349	eP	P	23 34 35.3	+1.5
PLAL	Pickwick Lake	22.73	41	eP	P	23 34 38.7	+0.8
WAKR	Walker	22.82	332	eP	P	23 34 39.5	+0.7
CMB	Columbia Colle	22.87	330	eP	P	23 34 36.4	-2.9
FVM	French Village	23.53	32	eP	P	23 34 47.5	+1.2
FVM	French Village	23.53	32	eP	P	23 34 54.5	
PDAR	Pinedale Array	24.09	354	P	P	23 34 49.7	-1.7
PDAR	Pinedale Array	24.09	354	P	P	23 46 16.6	
SWET	Seawane	24.24	43	eP	P	23 35 03.8	+7.9
REDW	Red Top Meadow	24.83	352	eP	P	23 34 57.4	-0.8
GOGA	Godfrey	24.94	50	eP	P	23 35 00.6	+1.4
USIN	University of	24.99	36	eP	P	23 35 00.5	+0.8
LOHW	Long Hollow	25.05	352	eP	P	23 35 00.7	+0.6
MOOW	Moose Pond	25.20	352	eP	P	23 35 03.3	+1.8
HLID	Hailey	25.68	346	eP	P	23 35 05.4	+0.4
TKL	Tuckaleechee C	25.93	45	P	P	23 35 06.8	-1.4
TKL	Tuckaleechee C	25.93	45	P	P	23 35 06.8	-1.3
HDIL	Hopedale	26.07	30	eP	P	23 35 11.4	+1.9
JCHT	Jenkinsville	26.97	50	eP	P	23 35 18.0	+0.4
CSMC	Chamberl Mo	28.67	350	eP	P	23 35 30.7	+1.9
ULM	Lac du Bonnet	32.45	12	LR	LR	23 49 43.5	
OTAV	Otavallo	32.81	121	eP	P	23 36 09.9	+0.3
ATAH	Atahualpa	37.46	131	P	P	23 36 40.4	-9.3
BBB	Bella Bella	37.53	338	LR	LR	23 52 07.3	
YKA	Yellowknife Ar	44.07	354	P	P	23 37 41.3	-2.3
YKA	Yellowknife Ar	44.07	354	LR	LR	23 56 42.3	
SCHO	Schefferville	46.74	30	LR	LR	23 59 49.0	
RKT	Rikitea	50.28	215	eLR	LR	23 52 26.8	
RKT	Rikitea	50.28	215	eT	LR	00 31 38.0	
LPAZ	La Paz	51.01	131	LR	LR	23 57 56.5	
INK	Inuvik	52.43	348	LR	LR	00 02 32.0	
PPT	Papeete	55.95	232	eLR	LR	23 46 43.9	-1.9
PPT	Papeete	55.95	232	eLR	LR	23 55 05.9	
PPT	Papeete	55.95	232	LR	LR	23 55 20.4	
NOA	NORSAR Array B	86.11	26	LR	LR	00 19 56.4	
FINES	FINES Array B	91.44	21	LR	LR	00 24 02.5	
URZ	Urewera	95.53	230	LR	LR	00 14 23.5	
GERES	GERES Array B	94.07	35	LR	LR	00 27 45.8	
DZM	Mont Dzumac	94.61	248	LR	LR	00 15 36.7	
HNR	Honiara	96.68	262	LR	LR	00 19 09.8	
PNZ	Punta Peak	97.74	227	LR	LR	00 17 38.3	
MJAR	Matsushiro Arr	98.10	313	LR	LR	00 23 08.6	
KEST	Kesra	98.36	48	LR	LR	00 23 09.2	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
<p>IDC 15 23:30:55.2, 0.085N-12652E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/16, mbtmp3.6/3, Error ellipse: s-maj=182.1km s-min=23.8km az=66.0, Northern Molucca Sea</p>							
Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
WR	Warramunga Arr	22.04	167	Op	P	23 35 50.6	-0.9
ASAR	Alice Springs	25.40	164	P	P	23 36 25.3	+0.8
MKAR	Makanchi Array	59.80	326	P	P	23 41 02.2	0.0
<p>IDC 15 23:45:58.8, 5.6, 5283N, 17222W, h88km, 48km, mb3.6/10, mb1 3.8/11, mb1mx3.6/26, mbtmp3.6/11, ML3.9/1, Error ellipse: s-maj=30.3km s-min=21.1km az=162.0</p>							
<p>ISCJB 15 23:46:01.8, 0.6, 5282N, 0.1, 172.1W, 0.1, h127km, 6km, mb3.8/10, Error ellipse: s-maj=26.4km s-min=7.6km az=158.2</p>							
<p>NEIC 15 23:46:02.9, 0.8, 5267N, 17196W, h127km, 7km, mb4.2/1, Error ellipse: s-maj=19.2km s-min=9.2km az=170.0</p>							
<p>ISC 03 23:46:02.9, 0.6, 5292N, 1721W, 0.1, h124km, 6km, n26, -0.656/25, mb3.8/10, Andraon Islands</p>							
Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
ATKA	Atka Island	1.42	244	Op	P	23 46 29.7	+0.1
UNV	Unalaska Valle	3.52	71	P	Pn	23 46 49.9	0.0
AKGG	Akutan Green G	3.90	67	P	Pn	23 47 37.8	+0.8
SDPT	Sand Point	7.29	65	eP	Pn	23 47 45.2	-1.5
KDKA	Kodiak Island	12.16	58	P	Pn	23 48 47.7	-4.0
KDKA	Kodiak Island	12.16	58	S	Pn	23 50 56.0	-10
KDKA	Kodiak Island	12.16	58	P	Pn	23 48 47.7	-4.0
BILL	Bibin	18.41	334	P	P	23 50 12.3	+4.2
INK	Inuvik	23.89	35	P	P	23 51 04.8	+0.2
INK	Inuvik	23.89	35	P	P	23 51 04.8	-0.1
INK	Inuvik	23.89	35	P	P	23 51 04.8	+0.2
DLBC	Dease Lake	24.09	60	P	P	23 51 07.6	+1.1
YKA	Yellowknife Ar	31.20	49	P	P	23 52 09.3	-0.5
YKA	Yellowknife Ar	31.20	49	P	P	23 52 09.3	-0.5
YKA	Yellowknife Ar	31.20	49	P	P	23 52 09.3	-0.5
PDAR	Pinedale Array	41.96	78	P	P	23 53 41.8	+0.6
ULM	Lac du Bonnet	45.40	61	P	P	23 54 07.7	-1.0
SONM	Songino Array	49.60	299	P	P	23 56 01.1	+0.3
TXAR	Lajitas Array	54.41	87	P	P	23 55 17.0	0.0
TXAR	Lajitas Array	54.41	87	P	P	23 55 17.0	0.0
MKAR	Makanchi Array	62.24	312	P	P	23 56 11.3	+0.3
NOA	NORSAR Array B	66.43	359	P	P	23 56 38.0	-0.1
WR	Warramunga Arr	65.01	222	P	P	23 58 28.7	-0.5
FITZ	Fitzroy Crossi	88.67	237	P	P	23 58 41.8	-0.2
ASAR	Alice Springs	89.22	228	P	P	23 58 46.0	+0.5
ASAR	Alice Springs	89.22	228	P	P	23 59 16.8	-0.5
TORD	Torodi Arr						













Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like GERESH Array S, Sankt Quirin, SOTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like HATZ Hinemaiaia, RAIZ Rangitukia, BKZ Black Stump Fm, etc.

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



Table of astronomical observations for 16d 9h, listing station names, codes, and various parameters like frequency and error.

Table of astronomical observations for 2007 FEB, listing station names, codes, and various parameters like frequency and error.

Table of astronomical observations for 536, listing station names, codes, and various parameters like frequency and error.

ellipse: s-maj=36.7km s-min=11.5km az=68.0  
 ISCJB 16 09:30:22.1,0.9,10N,0.2,126SE.04,h33km,mb3.9/6,  
 Error ellipse: s-maj=53.8km s-min=15.2km az=160.1  
 ISC 16 09:30:24.5,0.9,10N,0.2,126E.03,h35km,n8,+0838/8,  
 mb3.9/6,Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
FITZ	Fitzroy Crossi	18.99	182	Op	09 34 43.3	-0.7
WRA	Warramunga Arr	22.20	160	P	09 35 18.0	+1.0
ASAR	Alice Springs	25.56	164	P	09 35 51.6	+1.4
CTA	Charters Tower	28.57	138	P	09 36 15.9	-1.4
CTAO	Charters Tower	28.57	138	P	09 36 16.3	-1.0
STKA	Stephens Creek	30.75	158	P	09 37 20.2	+0.5
SONM	Songino Array	49.79	342	P	09 39 14.3	+0.6
MKAR	Makranchi Array	59.64	329	P	09 40 24.4	-0.7

ISC 16 10:06:07.0,3.0,3402S,1872W,h0km,mb3.5/2,  
 mb1 3.8/3,mb1mx3.6/13,mbtmp3.6/3,ML3.7/1,Error  
 ellipse: s-maj=72.2km s-min=35.8km az=122.0, South  
 of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
URZ	Urewera	5.41	217	Pn	10 07 29.5	+0.5
URZ		2.6nm,0.3s,baz=305,slow=3.6,SNR=12		Sn	10 08 31.2	-0.8
ASAR	Alice Springs	42.44	271	P	10 14 04.0	+0.3
WRA	Warramunga Arr	43.75	276	P	10 14 14.1	-0.3
FINES	FINES Array B	148.29	337	PKPbc	10 25 53.6	-0.7

CSEM 16 10:46:49.8,4089N,4033E,h7km,MD2.9,After ISK  
 ISK 16 10:46:49.8,4089N,4033E,h7km,MD2.9,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
KTUT	Trabzon	0.44	283	iPg	10 46 58.7	+0.5
KTUT		iSg		Pg	10 47 06.0	+2.1
KTUT	Trabzon	0.44	283	iPg	10 46 58.7	+0.5
KTUT		iSg		Pg	10 47 06.0	+2.1
GUMT	Gumushane	0.77	237	iSg	10 47 04.9	+0.2
GUMT	Gumushane	0.77	237	iPg	10 47 04.9	+0.2
GUMT		iSg		Pg	10 47 15.4	+0.7
BCA	Borcka	1.12	60	Pn	10 47 11.8	-0.1
BCA		Sn		Sn	10 47 27.0	-0.6
BCA	Borcka	1.12	60	Pn	10 47 27.0	-0.6
EZC	Erzurum	1.21	199	ePn	10 47 15.7	+2.7
EZM	Zincirlik	1.26	141	Pn	10 47 14.9	+1.1
EZM		Sn		Sn	10 47 33.0	+2.0

ISC 16 10:57:06.5,2.3,1508S,7479W,h0km,mb3.8/4,mb1 3.8/6,  
 mb1mx3.7/15,mbtmp3.7/6,ML3.4/2,Error ellipse:  
 s-maj=88.7km s-min=19.7km az=42.0  
 ISCJB 16 10:57:14.2,4.0,146S,06.745W,0.4,h54km,17km,  
 mb3.7/4,Error ellipse: s-maj=126.7km s-min=10.6km  
 az=33.9

NEIC 16 10:57:15.6,3.4,1451S,7448W,h51km,14km,Error  
 ellipse: s-maj=111.6km s-min=12.1km az=210.0  
 ISC 16 10:57:13.5,4.5,149S,06.746W,0.4,h41km,21km,n15,  
 0579/13,mb3.7/4,Central Peru

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
NNA	Nana	3.58	323	Op	10 58 06.0	-0.5
NNA		Sn		Sn	10 58 47.9	+0.4
NNA	Nana	3.58	323	Pn	10 58 06.0	-0.5
NNA		Sn		Sn	10 58 47.9	+0.4
NNA		9.2nm,0.3s,baz=157,slow=15,SNR=4.5		Lg	10 59 03.0	
LPAZ	La Paz	6.42	104	Pn	10 58 48.9	+3.4
LPAZ	La Paz	6.42	104	Pn	10 58 48.9	+3.4
SIV	San Ignacio	13.12	97	Pn	10 10 16.5	-0.9
SIV	San Ignacio	13.12	97	Pn	10 10 16.5	-0.9
TXAR	Lajitas Array	52.12	328	P	11 06 20.1	+0.3
ULM	Lac du Bonnet	67.47	345	P	11 08 04.3	-0.6
TORD	Torodi Ar. Bea	80.49	74	P	11 09 22.5	+0.6
YKA	Yellowknife Ar	83.20	343	P	11 09 34.8	-0.3
YKA	Yellowknife Ar	83.20	343	P	11 09 34.8	-0.3
ZALV	Zalesovo Beam	137.79	18	PKP	11 16 32.2	-1.0
ZALV	Zalesovo Beam	137.79	18	PKP	11 16 32.2	-1.0
SONM	Songino Array	147.11	359	PKPbc	11 16 51.6	-0.5
SONM	Songino Array	147.11	359	PKPbc	11 16 51.6	-0.5

ISCJB 16 10:58:41.3,5.2,156S,02.750W,0.2,h10km,33km,  
 mb3.8/5,MS3.7/2,Error ellipse: s-maj=42.5km  
 s-min=13.4km az=42.6  
 ISC 16 10:58:41.3,1.2,156S,7509W,h0km,mb3.9/5,mb1 4.0/8,  
 mb1mx3.9/17,ML3.8/3,MS1.7/1,MS3.9/3,MS1.3/5,  
 ms1mx2.9/27,Error ellipse: s-maj=43.6km s-min=18.4km  
 az=45.0  
 ISC 16 10:58:42.7,6.2,156S,02.750W,0.2,h7km,38km,n14,  
 0535/9,mb3.8/5,MS3.7/2,Near coast of Peru

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
NNA	Nana	3.99	334	Op	10 59 44.5	+0.1
NNA		Sn		Sn	11 00 31.6	+0.1
NNA		2.4nm,0.3s,baz=88,slow=14,SNR=1.4		Lg	11 00 46.9	
LPAZ	La Paz	6.67	97	Pn	11 00 21.5	+0.3
LPAZ		comp=2.143nm,19.0S,0.4s,baz=242,slow=40		LR	11 03 11.5	
SIV	San Ignacio	13.44	94	Pn	11 01 53.7	-0.3
JTS	JuntasAbangare	27.53	338	LR	11 14 30.3	
TXAR	Lajitas Array	52.12	328	P	11 07 57.3	+0.4
NVAR	Mina Array Bea	67.31	324	P	11 09 38.5	+0.1
ULM	Lac du Bonnet	68.08	346	P	11 09 42.2	-0.7
TORD	Torodi Ar. Bea	81.07	74	P	11 10 59.7	+0.4
TORD		6.0nm,0.9s,mb4.5,baz=257,slow=5.0,SNR=17		LR	11 46 19.4	
YKA	Yellowknife Ar	83.74	343	P	11 11 12.1	-0.2
ASAR	Alice Springs	131.81	217	PKP	11 17 56.5	-1.1
WRA	Warramunga Arr	134.39	220	PKP	11 18 00.9	-1.6
ZALV	Zalesovo Beam	138.60	18	PKP	11 18 09.4	+0.1
MKAR	Makranchi Array	143.61	329	PKP	11 18 16.1	-2.4
SONM	Songino Array	147.83	358	PKPbc	11 18 28.3	-0.3
SONM		0.9nm,0.6s,baz=322,slow=1.9,SNR=7.4				

ISCJB 16 11:00:31.5,2.2,180S,02.1787W,0.1,h634km,29km,  
 mb4.0/11,Error ellipse: s-maj=25.2km s-min=18.0km

az=168.7  
 IDC 16 11:00:31.7,2.4,1794S,17862W,h621km,29km,mb3.5/10,  
 mb1 3.7/11,mb1mx3.4/18,mbtmp3.5/11,Error ellipse:  
 s-maj=20.2km s-min=14.6km az=171.0  
 NEIC 16 11:00:33.6,2.2,1796S,17870W,h648km,26km,mb4.3/9,  
 Error ellipse: s-maj=15.9km s-min=13.2km az=203.0  
 ISC 16 11:00:31.6,2.7,179S,02.1786W,0.1,h617km,34km,n19,  
 050/14,mb4.0/11,Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DZM	Mot Dzumac	14.62	251	Op	11 03 36.2	+0.7
URZ	Urewera	20.58	190	P	11 04 29.2	-0.3
CTAO	Charters Tower	33.24	261	eP	11 06 19.6	-0.4
PMG	Port Moresby	34.26	280	P	11 06 29.1	+0.6
STKA	Stephens Creek	36.43	241	P	11 07 02.9	+0.4
WRA	Warramunga Arr	44.42	260	P	11 07 48.8	-0.8
WRA		0.6nm,0.3s,baz=93,slow=3.4,SNR=4.5		PcP	11 09 13.9	-0.2
ASAR	Alice Springs	44.58	254	P	11 07 50.7	-0.1
ASAR		30nm,0.6s,mb5.0,baz=87,slow=8.6,SNR=578		PcP	11 09 19.6	-0.3
ASAR		1.2nm,0.5s,baz=102,slow=3.9,SNR=5.9		S	11 13 43.7	+0.3
NVAD	Narogin (SRO)	59.01	242	P	11 09 33.2	-0.6
WNA	Vandri	60.39	185	P	11 09 42.0	-0.1
NVAR	Mina Array Bea	79.59	44	P	11 11 35.8	-0.3
PMSA	Pinesdale Array	83.86	157	P	11 11 58.0	+0.7
TXAR	Lajitas Array	86.19	58	P	11 12 09.7	+0.6
PDAR	Pinedale Array	87.52	44	P	11 12 14.7	-0.4
BRTR	Reskin Array B	144.66	315	PKP	11 18 59.3	0.0
BRTR	Reskin Array B	144.66	315	PKP	11 18 59.3	0.0
GERES	GERES Array B	147.59	345	PKPbc	11 19 07.0	-0.6
GERES	GERES Array B	147.59	345	PKPbc	11 19 07.0	-0.6
TORD	Torodi Ar. Bea	175.22	184	PKP	11 19 30.6	-2.0
TORD	Torodi Ar. Bea	175.22	184	PKP	11 19 30.6	-2.0

CASC 16 11:24:44.0,3.8,1029N,8662W,h6km,25km,MD4.0  
 ISCJB 16 11:24:47.1,9.1,1044N,0.10,8639W,0.08,h27km,14km,  
 mb3.7/6,Error ellipse: s-maj=19.3km s-min=9.5km  
 az=36.5  
 IDC 16 11:24:49.2,1.0,1107N,8580W,h0km,mb3.8/6,mb1 4.1/7,  
 mb1mx3.9/18,mbtmp3.8/7,ML3.3/1,MS2.9/1,MS1.2/9/1,  
 ms1mx2.5/26,Error ellipse: s-maj=44.9km s-min=14.5km  
 az=48.0  
 NEIC 16 11:24:50.3,0.8,1039N,8588W,h10km,Error ellipse:  
 s-maj=35.8km s-min=10.8km az=224.0  
 ISC 16 11:24:48.3,1.8,1045N,0.10,8631W,0.06,h15km,13km,  
 n32,+f13/26,mb3.7/6,4C-1D,Off coast of Costa Rica

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
VCR	Vista de Mar	0.74	116f	Op	11 25 02.5	-0.3
ZRIO	Dos Rios de Up	1.07	96f	Pb	11 25 03.8	-0.1
LIM1	Limon	1.07	77f	Pb	11 25 23.4	+1.1
LIM1		eS		Sb	11 25 23.4	+1.1
CUI	Cuicatlan	1.14	79f	eP	11 25 09.8	+0.1
CUI		eS		Sb	11 25 32.3	+0.8
JCR	Jicaral	1.33	117	eP	11 25 10.6	-1.6
JTS	JuntasAbangare	1.35	97	Pg	11 25 11.1	-1.4
JTS	JuntasAbangare	1.35	97	Pg	11 25 11.1	-1.4
JTS		16nm,0.3s,baz=305,slow=16,SNR=4.0		Lg	11 25 32.6	
CGAZ	Cerro Gallo 2	1.87	103	eP	11 25 19.9	+0.1
PRSI	Puriscal	2.02	103	eP	11 25 22.1	+0.2
BRU	Buru	2.24	105	eP	11 25 19.0	-0.7
LCHR	La Lucha 2	2.38	107	eP	11 25 27.1	+0.3
URSC	Urasca	2.57	104	eP	11 25 30.8	+1.4
CNCH	Conchagua	3.19	132	iP	11 25 45.5	
CNCH		eS		x	11 26 23.7	
BARI	Barriles	3.18	132	eP	11 25 38.5	+0.5
TGUH	Tegucigalpa,Un	3.71	345	eP	11 25 43.8	-1.3
LFRS	El Frio	4.14	320	eP	11 25 58.0	
LFRS		x		x	11 26 49.5	
SBSL	San Blas	4.67	316	eP	11 26 59.5	
SBSL		eS		x	11 26 59.5	
CMIG	Matias Romero	10.62	309	Pn	11 27 21.5	+1.5
CMIG	Matias Romero	10.62	309	Pn	11 27 21.5	+1.5
ATAH	Atahualpa	19.05	155	LR	11 35 00.5	
SWET	Sewane	24.66	1	P	11 30 08.2	-0.2
TXAR	Lajitas Array	24.82	322	P	11 30 12.5	+2.5
TXAR		1.1nm,0.7s,mb3.5,baz=137,slow=10,SNR=16		PcP	11 33 49.6	+3.4
TKL	Tuckaleechee C	25.20	5	P	11 30 12.3	-1.0
PDAR	Pinedale Array	38.05	332	P	11 32 06.3	+0.2
NVAR	Mina Array Bea	39.94	320	P	11 32 25.3	+3.3
NVAR		comp=2.0,1nm,0.3s,baz=36,slow=10,SNR=3.6		PcP	11 34 30.2	+2.9
NVAR	Mina Array Bea	39.94	320	P	11 32 25.3	+3.3
NVAR		0.4nm,0.2s,mb3.7,baz=133,slow=6.6,SNR=12		PcP	11 34 30.2	+2.9
SCHO						









16d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, RPZ Rata Peaks, FITZ Fitzroy Crossi, etc.

ISCJB 16 13:13:51.6, 1.0, 3439N, 007:238E.01, h10km, Error ellipse: s-maj=16.9km s-min=9.0km az=158.6

ATH 16 13:13:59.0, 35.11N, 242.0E, h28km, 5km, MD3.4/6

CSEM 16 13:13:59.0, 35.11N, 242.0E, h28km, MD3.4/6, After ATH

NEIC 16 13:13:59.0, 35.11N, 242.0E, h28km, MD3.4(ATH), After ATH

HLW 16 13:14:08.0, 34.34N, 257.9E, h33km, MD2.9

ISC 16 13:13:53.4, 1.0, 3450N, 007:239E.01, h10km, n25, e095/25, Crete

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

WEL 16 13:20:14.3, 0.4, 3963S, 178.5E, h33km, ML4.0/15, Error ellipse: s-maj=4.3km s-min=1.9km az=90.0

ISC 16 13:20:14.0, 2.7, 3952S, 178.7E, h0km, mb3.7/2, mb1.4/0.2, mb1mx3.7/1.1, mbtmp3.7/2, MS3.6/1, Ms1.3/6/1, ms1mx2.7/1.4, Error ellipse: s-maj=58.4km s-min=34.3km az=70.0

ISC 16 13:20:14.2, 1.3, 3963S, 005:178E.01, h35km, n16, e083/30, off east coast of North Island

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

CSEM 16 13:27:39.8, 37.06N, 34.38E, h11km, MD2.8, After ISK

ISK 16 13:27:39.8, 37.06N, 34.38E, h11km, MD2.8, Turkey

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

MAN 16 14:09:35, 131.2N, 119.98E, h18km, mb3.8, ML2.5, MS2.1, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LUBP Lubang, TGy Tagaytay City, etc.

ISC 16 14:15:25.8, 6.0, 700S, 154.60E, h0km, mb3.1/4, mb1.3/2.4, mb1mx3.2/1.4, mbtmp3.1/4, Error ellipse: s-maj=17.4km s-min=31.6km az=111.0, 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, etc.

ISCJB 16 14:50:27.8, 4.6, 460N, 01:154.5E, h0km, 29km, mb3.9/12, Error ellipse: s-maj=25.2km s-min=11.2km az=135.8

ISC 16 14:50:29.0, 0.8, 4578N, 154.53E, h0km, mb3.7/1.0, mb1.4/0.1, mb1mx3.8/2.3, mbtmp3.8/1.1, ML3.6/1, Error ellipse: s-maj=23.7km s-min=19.9km az=132.0

NEIC 16 14:50:30.6, 0.8, 4601N, 154.57E, h10km, mb4.1/3, Error ellipse: s-maj=24.3km s-min=14.7km az=133.0

MOS 16 14:50:33.4, 2.0, 4604N, 154.31E, h39km, mb4.2/6, Error ellipse: s-maj=17.7km s-min=11.1km az=67.5

2007 FEB

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

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

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

ISC 16 14:50:31.5, 5.1, 460N, 01:154.5E, h2, h12km, 31km, n29, e148/30, mb3.8/12, 1D, East of Kuril Islands

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

CSEM 16 15:49:38.2, 0.3, 3830N, 178W, h0km, mb3.5/1, Error ellipse: s-maj=3.4km s-min=2.8km az=124.0, After MDD, Spain

ETOB Tobarra 4.39 27 Op Pg ISC 15 49 45.3 -0.4

EMUR La Murta 0.62 37 Pg Pg 15 49 50.4 +0.3

EMUR La Murta 4.6m, 0.3s, SNR=6.0

EMUR La Murta 8.4m, 0.2s

EVIA Vianos 0.66 30 Pg Pg 15 49 50.2 -0.7

EVIA Vianos 4.8m, 0.2s, SNR=12

EQES Quesada 2.3m, 0.2s

EQES Quesada 5.0m, 0.3s, SNR=4.7

EQES Quesada 1.1m, 0.2s

EBEN Beniarda 1.28 71 Pg Pg 15 50 02.3 -0.5

EBEN Beniarda 2.4m, 0.3s, SNR=7.9

ECHE Chera 1.44 26 Pg Pg 15 50 03.9 -1.8

ECHE Chera 2.1m, 0.7s, SNR=7.9

EBAN Encina 1.59 26 Pg Pg 15 50 04.2 -4.4

EBAN Encina 2.8m, 0.3s, SNR=7.9

EBER Bermejo 4.5m, 0.2s, SNR=7.9

EBER Bermejo 1.66 213 Pg Pg 15 50 08.4 -1.5

EBER Bermejo 3.6m, 0.4s, SNR=7.9

EQUE Quesada 1.71 231 Pn Pn 15 50 06.9 -2.4

EQUE Quesada 2.3m, 0.1s, SNR=7.9

EQUE Quesada 0.3m, 0.1s, SNR=7.9

ISC 16 15:54:43.6, 1.9, 224N, 9938E, h124km, 28km, mb3.0/3, mb1.3/2.3, mb1mx2.9/2.1, mbtmp3.0/4, Error ellipse: s-maj=255.4km s-min=92.2km az=55.0, Northern Sumatara

Code Station Name Az Az' Phase ID Time Res ISC

PSI Prapat 0.72 321 P Pn 15 55 04.2 +0.7

PSI Prapat 52m, 0.3s, baz=155, slow=18, SNR=139

WRA Warramunga Arr 4.078 124 P Pn 15 55 18.1 +0.4

ASAR Alice Springs 42.93 129 P P 16 02 24.9 -0.6

MKAR Makanchi Array 46.81 344 P P 16 03 00.7 -0.1

CSEM 16 16:13:37.0, 1.4045N, 2793E, h12km, MD2.8, Error ellipse: s-maj=2.4km s-min=1.8km az=176.0

DDA 16 16:13:38.5, 40.40N, 27.85E, h0km, MD3.0

ISK 16 16:13:37.5, 40.47N, 27.93E, h7km, MD2.8, Turkey

Code Station Name Az Az' Phase ID Time Res ISC

BNT Bandirma 0.11 185 Op Pg 15 13 40.8 +0.9

BNT Bandirma 1.18 185 Op Pg 15 13 42.7 +1.1

BNT Bandirma 0.11 185 Op Pg 15 13 42.7 +1.1

EDC Edincik 0.13 204 Op Pg 15 13 40.8 +0.5

EDC Edincik 0.13 204 Op Pg 15 13 40.8 +0.5

MIRMT Marmara Adasi 0.29 298 Op Pg 15 13 44.2 +1.0

MIRMT Marmara Adasi 0.29 298 Op Pg 15 13 44.2 +1.0

KART Karacabey 0.38 122 Op Pg 15 13 45.0 +0.1

SART Sarkoy-Tekirda 0.61 291 Op Pg 15 13 52.0 +0.9

RKY Sarkoy-Tekirda 0.61 291 Op Pg 15 13 52.0 +0.9

RKY Sarkoy-Tekirda 0.61 291 Op Pg 15 13 52.0 +0.9

BALB Balikesir 0.83 183 Op Pg 15 13 53.6 +0.2

BALB Balikesir 0.83 183 Op Pg 15 13 53.6 +0.2

GEMT Gemlik 0.96 92 Op Pg 15 13 56.7 +0.8

GEMT Gemlik 0.96 92 Op Pg 15 13 56.7 +0.8

ULDT Uludag 0.98 105 Op Pg 15 14 02.3 +0.3

ULDT Uludag 0.98 105 Op Pg 15 14 02.3 +0.3

DST Dursunbey 1.01 148 Op Pg 15 13 57.7 +0.8

DST Dursunbey 1.01 148 Op Pg 15 13 57.7 +0.8

ISK Istanbul-Kandi 1.04 55 Op Pg 15 13 58.0 +0.5

ISK Istanbul-Kandi 1.04 55 Op Pg 15 13 58.0 +0.5

YLV Yalova 1.10 84 Pn Pn 15 13 58.5 -0.8

YLV Yalova 1.10 84 Pn Pn 15 13 58.5 -0.8

KLYT Kilyos 1.15 47 Op Pn 15 14 00.4 +0.4

KLYT Kilyos 1.15 47 Op Pn 15 14 00.4 +0.4

IZI Izik 1.18 96 Op Pn 15 14 03.3 -0.1

IZI Izik 1.18 96 Op Pn 15 14 03.3 -0.1

HRT Hereke 1.37 74 Op Pn 15 14 02.7 -0.3

HRT Hereke 1.37 74 Op Pn 15 14 02.7 -0.3

ADVT Abduvahap 1.38 91 Op Pn 15 14 03.9 +0.8

ADVT Abduvahap 1.38 91 Op Pn 15 14 03.9 +0.8

EZNE Ezine 1.39 243 Op Pn 15 14 03.3 0.0

EZNE Ezine 1.39 243 Op Pn 15 14 03.3 0.0

AYVA Ayvalik 1.50 220 Op Pn 15 14 03.7 -1.1

AYVA Ayvalik 1.50 220 Op Pn 15 14 03.7 -1.1

BOZC Bozcaada 1.57 247 Op Pn 15 14 06.7 +0.9

BOZC Bozcaada 1.57 247 Op Pn 15 14 06.7 +0.9

GADA Gavgada 1.58 261 Op Pn 15 14 06.7 +0.8

GADA Gavgada 1.58 261 Op Pn 15 14 06.7 +0.8

EDRB Edirne 1.65 327 Op Pn 15 14 08.2 +1.4

EDRB Edirne 1.65 327 Op Pn 15 14 08.2 +1.4

ISC 16 16:1







16D 20h

Table with columns: ESDC, Sonseca Array, 6.67 60 P, Pn, 19 21 08.7 +0.6, etc.

NEIC 16 19:19:49.7, 1706N, 9546W, h71km, MD3.9(MEX), After MEX.

MEX 16 19:19:50.3, 0.6, 1706N, 9545W, h56km, 10km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

NIED 16 19:26:00, 2530N, 12560E, h65km, Mw3.9 Best double couple.

MOS 16 19:26:26.6, 1.2, 2515N, 12532E, h33km, mb4.3/8, Error ellipse.

ISCJB 16 19:26:30.7, 0.3, 2526N, 12560E, h50km, 34km, mb3.7/13.

JMA 16 19:26:31.0, 0.1, 2531N, 12557E, h77km, 2km, M4.2

NEIC 16 19:26:32.7, 1.0, 2526N, 12562E, h78km, 11km, mb4.1/3.

ISC 16 19:26:31.7, 0.3, 2527N, 12559E, h68km, 4km, n54, c083/66, mb3.8/15, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

2007 FEB

Table with columns: KIV, Kislovodsk, 68.01 309 eP, P, 19 37 24.7 +0.9, etc.

ISC 16 19:28:48.9, 13.0, 473S, 12674E, h232km, 109km, mb3.2/2.

ISCJB 16 19:43:26.4, 3981N, 3416E, h5km, MD2.9

CSEM 16 19:43:26.6, 0.1, 3981N, 3414E, h5km, MD2.7

ISCJB 16 19:43:27.8, 0.5, 3981N, 3413E, h5km, Error ellipse.

DDA 16 19:43:27.8, 3981N, 3412E, h7km, 5km, Md2.7

ISC 16 19:43:28.2, 0.5, 3981N, 3412E, h5km, n18, c124/25, 1C-30, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

NEIC 16 19:51:01.2, 3175S, 6995W, h137km, MD3.5(GUC), After GUC.

GUC 16 19:51:01.2, 0.2, 3175S, 6995W, h137km, 8km, MD3.5, ML3.8, 7-12D, San Juan Province

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

ISC 16 19:55:18.5, 3.1, 3263S, 17877W, h0km, mb3.5/2.

ISCJB 16 20:02:21.4, 1.8, 3365N, 14234E, h0km, mb3.3/4.

ISCJB 16 20:02:23.2, 0.2, 3373N, 1424E, 0.2, h33km, 23km, mb3.3/4, Error ellipse.

ISC 16 20:02:24.9, 4.3, 3369N, 1423E, 0.1, h23km, 32km, n7, c05/10, mb3.3/4, Off east coast of Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

NEIC 16 20:11:25.6, 3971N, 3253E, h15km, MD3.4(ISK), After ISK.

CSEM 16 20:11:26.9, 0.1, 3984N, 3256E, h25km, MD3.3

ISCJB 16 20:11:28.8, 0.7, 4010N, 3003E, h2km, 5km, Error ellipse.

ISC 16 20:11:29.0, 0.7, 4008N, 3027E, h0.3, h3km, 5km, n67, c1837/81, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

ISC 16 20:15:27.8, 1.1, 3736N, 7455E, h0km, mb3.8/8.

MOS 16 20:15:31.7, 1.1, 3732N, 7464E, h33km, mb3.9/6, Error ellipse.

NNC 16 20:15:34.2, 1.1, 3735N, 7449E, h69km, 40km, mb3.5, mp3/3, Error ellipse.

ISCJB 16 20:15:34.1, 0.5, 3741N, 003E, 7471E, 0.6, h7km, 8km, mb3.7/12, Error ellipse.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.



NEIC 16:20:15:35.5:1.2,3744N;7482E,h55km;14km,mb3.7/4, Error ellipse: s-maj=13.9km s-min=12.3km az=127.0

ISC 16:20:15:36.0:0.4,3742N.002;7470E;.006,h65km;7km,n75, 01841/84,mb3.7/12,4C-3D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Kashi, Chirah Chowk, Kyzart, Almayashu, Uchtor, Dalhousie, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HHC, BRTR, FINES, ARCES, ESDC, TORD, WRA, YKA, etc.

NEIC 16:20:36:30.8, 4056N;2229E,h26km,MD3.2(ATH), After ATH. ISCJB 16:20:36:30.8:0.4, 4054N.003;2234E.003,h12km;4km, Error ellipse: s-maj=4.8km s-min=3.5km az=0.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GRG, LIT, KZN, THE, HORT, KNT, FNA, VAY, etc.

IDC 16:20:44:05.4:3.6,3293N;14021E,h0km,mb3.6/2, mb1.3/8.3,mb1mx3/4.21,mbtrmp3/6.3,ML3.5/1, Error ellipse: s-maj=178.5km s-min=25.9km az=75.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JHU2, BSO1, BSO3, JKO, NJJ, BSO4, JIM2, JIZS, JOD2, SHZ3, JYN, MJAR, etc.

STR 16:20:52:52.5:1.4,4218N;1145E,h5km,ML3.5, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like BDI, VLLC, SARO, MAIM, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BDI, VLLC, SARO, MAIM, GRAM, SEI, CODM, VMG, NOVE, CSNT, GROG, FIU, SFI, GRFL, SBPO, BOB, CRE, PCP, SALO, FSSB, FIN, MAGA, etc.

Table of astronomical observations for 16d 21h, listing station names, coordinates, and observation details.

Main table of astronomical observations for 2007 FEB, listing station names, coordinates, and observation details.

Table of astronomical observations for 2007 FEB, listing station names, coordinates, and observation details.





YKA	Yellowknife Ar	43.26 43 P	22 47 56.0 -0.5
YKA	comp=Z,3.4nm,0.8s,mb4.0,baz=300,slow=8.1,SNR=33	PcP	22 49 43.0 +0.1
YKA	comp=Z,0.1nm,0.3s,baz=298,slow=3.9,SNR=9.7	ScP	22 53 20.6 -0.8
CD2	Chengdu	45.28 263 eP	22 48 13.6 +0.7
CD2	comp=Z,0.2nm,0.7s,baz=290,slow=3.8,SNR=9.0	PP	22 50 02.3 +1.0
CD2		S	22 54 43.1 +0.1
CD2		SS	22 58 00.4 -7.5
CD2	comp=Z,10.0nm,0.6s,mb4.6	AMB	AMB
CD2	comp=Z,30nm,4.8s	LR	LR
CD2	comp=N,110nm,12.4s	LR	LR
CD2	comp=Z,100nm,14.2s	LR	LR
WM0	Drumji	46.08 288 eP	22 48 20.4 +1.4
KURK	Kurchatov	46.80 301 eP	22 48 23.6 -1.0
GVA	Guyang	46.89 256 l/P	22 48 26.3 +0.7
GVA		AP	22 48 56.3 +0.2
GVA		PCP	22 49 57.8 +1.7
GVA		PP	22 50 17.4 +0.3
GVA		SCP	22 53 03.0 +1.0
GVA		PcS	22 53 51.5 +0.1
GVA		S	22 55 05.9 -0.2
GVA		SS	22 58 05.0 -1.0
GVA	comp=Z,10.0nm,1.0s,mb4.4	AMB	AMB
A04A	Legoe Bay, Lum	47.08 62 l/P	22 48 26.3 -0.5
MKAN	Makanchi Array	47.24 294 P	22 48 27.3 -0.7
MKAN		*PP	22 48 58.6 0.0
MKAN		pmax	pmax
MKAN	comp=Z,3.0nm,0.5s	pmax	pmax
MKAN	comp=Z,1.0nm,0.7s	P	22 48 27.3 -0.7
MKAN	comp=Z,3.4nm,0.5s,mb4.3,baz=53,slow=6.8,SNR=96	pP	22 48 58.5 0.0
B05A	Bryant	47.68 63 l/P	22 48 30.5 -0.9
B06A	Marblemount	47.85 62 l/P	22 48 32.2 -0.5
A07A	Ashnola River,	48.10 61 l/P	22 48 34.4 -0.2
B07A	Winthrop	48.60 61 l/P	22 48 37.5 -0.9
A08A	Turner Farm, O	48.73 60 l/P	22 48 39.2 -0.2
EDM	Edmonton	49.03 53 eP	22 48 41.1 -0.5
B08A	Colville Reser	49.07 61 l/P	22 48 41.5 -0.6
A09A	Danville	49.08 60 l/P	22 48 41.8 -0.2
C07A	Waterville	49.11 62 l/P	22 48 41.8 -0.5
E06A	Yakima	49.35 64 l/P	22 48 43.7 -0.5
C08A	Higginbotham F	49.59 61 l/P	22 48 45.0 -0.9
A10A	Northport	49.60 59 l/P	22 48 45.1 -1.0
B09A	Rice	49.65 60 l/P	22 48 45.8 -0.6
K01A	Sixes	49.84 70 l/P	22 48 47.3 -0.7
NEW	Newport	50.28 60 eP	22 48 50.8 -0.3
I04A	Tendick Farm,	50.34 67 l/P	22 48 51.3 -0.4
D09A	Jones Farm, Ri	50.43 62 l/P	22 48 51.1 -1.3
E09A	Wood Farm, Sta	50.87 62 l/P	22 48 54.7 -0.9
J04A	Umpqua Nationa	50.87 68 l/P	22 48 55.6 -0.1
D10A	Wagner Farm, O	50.98 61 l/P	22 48 55.1 -1.3
F08A	Pendleton	51.00 63 l/P	22 48 55.8 -0.9
G08A	Pilot Rock	51.24 64 l/P	22 48 57.5 -0.9
J05A	Fort Rock	51.32 67 l/P	22 48 59.4 +0.3
WALA	Waterton Lakes	51.40 57 eP	22 48 59.4 -0.1
YBH	Yreka Blue Hor	51.54 69 l/P	22 49 01.0 +0.4
B13A	Whitefish	51.56 58 l/P	22 49 00.5 -0.3
M02C	Callahan	51.68 70 l/P	22 49 02.5 +0.7
F10A	Beach Ranch, E	51.71 62 l/P	22 49 01.3 -0.5
BSMT	Bassook Peak	51.74 59 eP	22 49 02.5 +0.4
H08A	Prairie City	51.90 64 l/P	22 49 03.5 +0.2
J06A	Christmas Vall	51.94 66 l/P	22 49 03.5 -0.1
C13A	Hot Springs	51.96 59 P	22 49 04.2 +0.5
M04C	Macdoel	51.99 69 l/P	22 49 03.8 -0.4
E11A	Gogner Ranch,	51.99 61 l/P	22 49 03.8 -0.2
K06A	Valley Falls	52.18 67 l/P	22 49 06.1 +0.6
F11A	Grangeville	52.33 62 l/P	22 49 05.9 -0.6
L05A	Lakeview	52.37 68 l/P	22 49 07.1 +0.3
WDC	Whiskeytown Da	52.40 70 l/P	22 49 06.8 -0.3
D13A	Huson	52.41 59 l/P	22 49 06.1 -1.0
ARU	Arti	52.48 316 eP	22 49 06.7 -0.7
ARU	comp=Z,4.7nm,0.5s,mb4.5	eP	22 49 06.7 -0.7
ARU		pmax	pmax
ARCES	ARCES Array B	52.52 341 P	22 49 06.2 -1.4
ARCES		pmax	pmax
ARCES	comp=Z,1.0nm,0.8s	P	22 49 06.2 -1.4
ARCES	comp=Z,1.3nm,0.8s,mb4.7,baz=42,slow=8.1,SNR=7.7	l/P	22 49 08.9 +0.8
O02C	Red Bluff	52.54 71 l/P	22 49 08.9 +0.8
M05C	Lookout	52.66 69 l/P	22 49 09.7 +0.7
MOD	Modoc	52.76 68 eP	22 49 10.6 +0.9
MOD	Modoc	52.76 68 l/P	22 49 10.0 +0.3
K07A	Rock Creek Ran	52.80 66 l/P	22 49 10.3 +0.3
M50	Missoula	52.85 59 eP	22 49 10.3 +0.1
F12A	Elk City	52.88 61 P	22 49 09.4 -1.2
D14A	Greenough	52.90 59 P	22 49 10.5 -0.2
GASB	Alder Springs	52.94 71 l/P	22 49 12.1 +1.1
M06C	Likely Place G	53.13 69 l/P	22 49 12.4 0.0
J09A	Fry Pan Ranch,	53.17 65 l/P	22 49 10.8 -1.9
H11A	Donnelly	53.19 63 P	22 49 12.8 -0.1
K08A	Mann Creek Ran	53.19 66 l/P	22 49 10.6 -2.2
O04C	Chester	53.40 70 l/P	22 49 15.1 +0.7
D15A	Lincoln	53.43 58 l/P	22 49 14.3 -0.3
FCC	Fort Churchill	53.52 38 eP	22 49 14.3 -0.7
FCC	Fort Churchill	53.52 38 eP	22 49 14.3 -0.7
L5A	Lhasa	53.65 272 eP	22 49 18.0 +1.6
L5A	comp=Z,7.0nm,0.6s,mb4.6	eP	22 49 18.0 +1.6
L5A	comp=Z,1.6nm,0.6s,mb3.9	eP	22 49 18.0 +1.6
L5A	Lhasa	53.65 272 eP	22 49 18.0 +1.6
L5A		pmax	pmax

ORV	Oroville	53.69 71 l/P	22 49 15.8 -0.7
M07A	Soldier Meadow	53.73 68 P	22 49 17.8 +1.0
O05C	Quincy	53.70 70 l/P	22 49 17.6 +0.7
E15A	Deer Lodge	53.78 59 l/P	22 49 17.2 +0.1
N06A	Buffalo Meadow	53.80 69 P	22 49 18.1 +0.8
G13A	Cobalt	53.86 61 l/P	22 49 17.5 -0.2
K10A	MacKenzie Ran	54.03 65 l/P	22 49 18.9 -0.1
BEK	Beckworth	54.11 70 P	22 49 20.4 +0.8
L09A	Wilkinson	54.12 66 l/P	22 49 19.6 -0.1
M08A	Happy Creek Ra	54.12 67 l/P	22 49 20.3 +0.7
EGMT	Eggleton	54.15 56 l/P	22 49 19.1 -0.7
MFID	Camas Ranch	54.16 64 l/P	22 49 19.8 -0.1
AAK	Ala-Archa	54.16 295 eP	22 49 18.7 -1.2
AAK		eP	22 49 52.4 +1.1
O06A	Flanigan	54.20 69 P	22 49 21.1 +0.8
H13A	Challis	54.21 62 l/P	22 49 19.0 -1.3
N07B	Geirlach	54.26 68 l/P	22 49 21.0 +0.3
K11A	Parker Ranch,	54.49 64 l/P	22 49 22.0 -0.1
EKSZ	Erkin-Say	54.53 296 eP	22 49 21.0 -1.6
J12A	Stokes Ranch,	54.66 63 l/P	22 49 23.4 -0.1
LAVA	Lava Cap Winer	54.67 71 l/P	22 49 23.0 -0.7
N08A	Ge Springer MI	54.72 67 l/P	22 49 24.6 +0.7
G15A	Dillon	54.72 60 l/P	22 49 23.7 -0.2
I13A	Wildhorse Cree	54.73 62 l/P	22 49 24.2 +0.2
L10A	Juniper Basin	54.73 65 P	22 49 25.1 +1.1
O07A	Toulon	54.73 68 P	22 49 25.2 +1.1
HLID	Hailey	54.81 63 eP	22 49 25.2 +0.6
HLID	Hailey	54.81 63 l/P	22 49 24.4 -0.2
WCN	Wacoe City	54.84 70 l/P	22 49 25.2 +0.4
N09A	Rock Creek Ran	55.00 67 P	22 49 27.0 +1.0
L11A	Cat Creek Ran	55.05 65 P	22 49 27.3 +0.9
M10A	L.L. Ranch, Tu	55.08 66 l/P	22 49 26.8 +0.3
K12A	Draper Farm, C	55.19 64 P	22 49 28.1 +0.8
CMB	Columbia Colle	55.37 71 l/P	22 49 29.4 +0.8
L12A	House Creek Ra	55.47 64 P	22 49 30.5 +1.2
QLMT	Earthquake Lak	55.49 60 eP	22 49 29.1 -0.3
PACP	Pacheco Peak	55.58 73 l/P	22 49 29.9 -0.2
O09A	Fish Creek Ran	55.66 67 l/P	22 49 31.0 +0.3
S06C	San Francisco	55.78 71 P	22 49 32.1 +0.6
M12A	Wells	56.03 65 l/P	22 49 33.9 +0.6
L13A	Double Diamond	56.08 64 P	22 49 35.0 +1.3
R07C	Lee Vining	56.08 70 l/P	22 49 34.5 +0.8
K14A	Jones Ranch, D	56.17 63 l/P	22 49 34.9 +0.6
NVAR	Mina Array Bea	56.26 70 P	22 49 35.8 +0.8
N12A	Clover Valley,	56.35 65 P	22 49 37.2 +1.5
KCC	Kaiser Creek	56.47 71 l/P	22 49 36.6 +0.1
M13A	Montello	56.47 64 l/P	22 49 36.7 +0.3
MLAC	Mammoth Lakes	56.52 71 l/P	22 49 36.6 -0.3
O11A	Cowboy Ranch,	56.52 66 l/P	22 49 37.9 +1.0
MOOW	Moose Ponds	56.60 60 eP	22 49 38.6 +1.2
JOFF	Joensuu	56.74 334 eP	22 49 38.6 -1.3
JOFF	Joensuu	56.74 334 eP	22 49 36.8 -1.3
LOHW	Long Hollow	56.77 60 eP	22 49 39.9 +1.4
M14A	Shea Mountain	56.81 64 l/P	22 49 39.4 +0.6
S08C	White Mtn Res	56.99 70 l/P	22 49 41.3 +1.1
H10A	Ole Creek Ra	57.04 68 l/P	22 49 41.2 +0.7
Q11A	Mitchell Peak,	57.09 72 P	22 49 41.1 +0.2
M15A	Larsen Ranch,	57.31 63 l/P	22 49 43.4 +0.9
S09A	Goldfield	57.36 69 P	22 49 43.5 +0.7
S10A	Tonopah Range,	57.57 69 eP	22 49 44.6 +0.4
CM31	Chiang Mai Arr	57.57 257 eP	22 49 42.5 -2.0
HWUT	Hardware Ranch	57.68 63 eP	22 49 46.2 +1.2
PDAR	Pinedale Array	57.91 60 P	22 49 47.0 +0.5
DUG	Dugway	58.02 65 eP	22 49 48.5 +1.1
DUG	comp=Z,4.1nm,0.9s,mb4.3	eP	22 49 48.5 +1.1
DUG		pmax	pmax
MPMC	Manu Prospec	58.40 71 l/P	22 49 50.2 +0.1
NLU	North Lily Min	58.59 64 eP	22 49 52.5 +1.1
KAF	Kangasniemi	58.68 336 eP	22 49 50.4 -1.2
KAF	comp=Z,1.8nm,0.5s,mb4.1,baz=31,slow=6.3	eP	22 49 50.4 -1.2
KAF		pmax	pmax
EDWZ	Edwards Air Fo	58.96 72 l/P	22 49 54.5 +0.5
ULM	Lac du Bonnet	58.99 46 P	22 49 53.1 -0.8
FINES	FINES Array B	59.31 336 P	22 49 55.6 -0.3
FINES		pmax	pmax
FINES	comp=Z,1.0nm,0.4s	P	22 49 55.5 -0.4
FINES	comp=Z,1.3nm,0.4s,mb4.1,baz=42,slow=8.0,SNR=21	P	22 49 57.0 +0.5
GSC	Goldstone	59.33 71 l/P	22 49 59.1 +0.1
RSSD	Black Hills	59.52 56 eP	22 49 59.2 +0.2
RSSD	comp=Z,1.8nm,0.7s,mb5.0	eP	22 49 59.2 +0.2
RSSD		pmax	pmax
SRU	San Rafael	60.02 64 eP	22 50 02.2 +1.0
V12A	Nelson	60.12 69 l/P	22 50 01.6 -0.3
GMRC	Granite Mounta	60.35 71 l/P	22 50 03.9 +0.5
IRM	Iron Mountain	61.09 71 P	22 50 07.7 +0.2
X13A	Yucca	61.51 70 l/P	22 50 11.8 +0.5
ISCO	Idaho Springs	62.10 60 eP	22 50 16.5 +1.4
ISCO	comp=Z,6.2nm,0.9s,mb4.4	eP	22 50 16.5 +1.3
ISCO		pmax	pmax
X14A	Yava	62.13 69 l/P	22 50 15.6 +0.1
Y14A	Wickenburg	62.46 70 l/P	22 50 17.8 +0.1

X15A	Humboldt	62.48 69 l/P	22 50 18.2 +0.5
MVCO	Mesa Verde	62.50 64 l/P	22 50 17.9 0.0
NB2	NORSAR Subarra	62.80 343 P	22 52 18.3 -1.1
NOA	NORSAR Array B	62.80 343 P	22 50 18.0 -1.4
NOA		pmax	pmax
NOA	comp=Z,1.0nm,0.4s	P	22 50 18.0 -1.4
NOA	NORSAR Array B	62.80 343 P	22 50 18.0 -1.4
ECSD	EROS, Sioux Fal	63.57 52 eP	22 50 24.0 -0.8
115A	Sonoran Desert	63.81 70 l/P	22 50 27.1 +0.5
ANMO	Albuquerque	65.29 64 eP	22 50 37.1 +0.9
ANMO	comp=Z,3.5nm,0.8s,mb4.2	eP	22 50 36.8 +0.7
SCHG	Schefferville	65.50 27 P	22 50 36.1 -1.1
SCIA	State Center	66.57 51 eP	22 50 43.7 -0.5
AKASG	Main Array Be	67.75 328 P	22 50 50.1 -1.4
AKASG		pmax	pmax
AKASG	comp=Z,1.0nm,0.4s	P	22 50 50.1 -1.4
AKASG	Main Array Be	67.75 328 P	22 50 50.1 -1.4
AKASG		pmax	pmax
AKASG	comp=Z,0.5nm,0.4s,mb3.6,baz=29,slow=6.3,SNR=4.4	P	22 50 54.2 -1.3
WMOK	Wichita Mounta	69.47 59 eP	22 51 01.9 -0.6
WMOK	Wichita Mounta	69.47 59 eP	22 51 01.9 -0.6
FVM	French Village	70.98 51 eP	22 51 11.1 -0.5
TXAR	Lajitas Array	71.11 66 P	22 51 12.9 +0.3
TXAR		*PP	22 51 44.2 -1.2
TXAR		pmax	pmax
TXAR	comp=Z,5.0nm,0.7s	pmax	pmax
TXAR	comp=Z,1.0nm,0.6s	P	22 51 12.8 +0.3
TXAR	comp=Z,5.1nm,0.7s,mb4.3,baz=305,slow=4.4,SNR=18	pP	22 51 44.1 -1.2
BURAR	Buocovina Array	71.72 329 l/P	22 51 15.3 -0.5
PARMO	Parma	72.37 52 eP	22 51 19.1 -0.8
WCI	Wyandotte Cave	72.67 48 eP	22 51 19.3 -2.3
WCI	Wyandotte Cave	72.67 48 eP	22 51 19.3 -2.4
VRI	Vrincioia	72.79 327 l/P	22 51 22.5 +0.2
MLR	Muntele Rosu	73.38 327 l/P	22 51 26.2 +0.5
GERS	GHERES Array B	73.71 337 P	22 51 27.3 -0.3
PKSM	Moragy	74.90 333 l/P	22 51 27.9 -6.6
MALT	Malatya	74.99 315 l/P	22 51 35.7 +0.5
BRTR	Keskin Array B	75.71 319 P	22 51 39.0 -0.3
BRTR		pmax	pmax
BRTR	comp=Z,1.0nm,0.6s	P	22 51 39.0 -0.4
BRTR	Keskin Array B	75.71 319 P	22 51 39.0 -0.4
BRTR		pmax	pmax
BRTR	comp=Z,0.9nm,0.6s,mb3.6,baz=52,slow=3.3,SNR=9.7	P	22 51 42.8 +0.3









Table with columns: VAY, comp=E, 23nm, 0.3s, elg, Pg, Sg, S, etc. Lists various stations and their associated data points.

CSEM 16 23:20:29.7 0.1, 3449N-2739E, h80km, Mw3.4, Error ellipse: s-maj=2.5km s-min=1.4km az=38.0

ISCJB 16 23:20:30.2 0.3, 3444N-2750E, h17km, mb3.5/7, Error ellipse: s-maj=4.5km s-min=2.9km az=28.3

IDC 16 23:20:32.2 1.1, 3461N-2746E, h43km, mb3.4/7, mb1 3.5/14, mb1mx3.4/25, mbtmp3.4/14, ML3.5/7, Error ellipse: s-maj=22.0km s-min=7.9km az=14.0

NEIC 16 23:20:33.1, 3478N-2726E, h84km, MG3.5(ATH), After ATH.

ATH 16 23:20:33.1, 3478N-2727E, h84km, 4km

GIL 16 23:20:37.2 0.0, 3393N-2790E, h0km, ML3.0/4, Mw3.4/3

HLW 16 23:20:43.3, 3364N-279E, h48km, Mb3.4

ISC 16 23:20:31.8 0.3, 3446N-2746E, h53km, gm, n94, c117/121, mb3.6/7, LD, Eastern Mediterranean Sea

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists numerous stations and their data.

Table with columns: HRFI, Mount Harif, 7.79 122, Ph, S, etc. Lists stations and their data.

JMA 16 23:31:10.8 0.4, 3376N-14260E, h32km, M3.5, Off east coast of Honshu

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

ISCJB 16 23:36:01.3 1.0, 152N-02.449W, h10km, mb3.8/7, Error ellipse: s-maj=28.3km s-min=22.9km

IDC 16 23:36:01.4 1.2, 1513N-4496W, h0km, mb3.6/6, mb1 4.0/6, mb1mx3.7/19, mbtmp3.8/6, MS3.4/3, Ms1 3.4/3, ms1mx2.8/28, Error ellipse: s-maj=35.2km s-min=29.2km az=22.0

NEIC 16 23:36:02.8 0.8, 1510N-4492W, h10km, mb3.9/1, Error ellipse: s-maj=21.6km s-min=17.5km az=205.0

ISC 16 23:36:03.2 1.0, 152N-02.449W, h10km, n8, c0929/7, mb3.8/7, MS3.3/3, Northern Mid-Atlantic Ridge

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

IDC 16 23:52:13.1 6.8, 3118S-17832W, h73km, 47km, mb3.6/3, mb3.7/3, mb1mx3.6/12, mbtmp3.6/3, MS2.8/1, Ms1 2.8/1, mb1mx3.5/20, Error ellipse: s-maj=5.0km s-min=30.2km az=134.0, Kermadec Islands region

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

NIED 17 00:02:00, 4170N-14370E, h29km, Mw6.0 Best double couple: Mo1.20000x1018 NP1: 0.2530000, 822.00000, 1.139.00000, NP2: 0.22.00000, 876.00000, 1.73.00000, Principal axes: T 1.1700, Plg56.0000, Azm271.0000, N 0.0000, Plg16.0000, Azm26.0000, P -1.1700, Plg29.0000, Azm125.0000, Depth from synthetics of broadband displacement seismograms. Energy computed from MT mechanism.

BGS 17 00:02:54.8, 4145N-14411E, h33km, mb5.9, MS6.0

CRAAG 17 00:02:54.7, 4175N-14358E, Mb6.1

ISCJB 17 00:02:55.2 0.1, 4174N-14355E, h31km, mb6.0/347, MS5.9/243, Error ellipse: s-maj=2.2km

NEIC 17 00:02:56.8 0.1, 4179N-14355E, h31km, mb5.9/209, MS5.8, MS5.9/179, MW6.0, MW6.0(NIED), Error ellipse: s-maj=3.1km s-min=2.1km az=162.0 Broadband fault plane solution: P waves. NP1: 20.00000, 875.00000, 1.90.00000, NP2: 20.00000, 815.00000, 1.90.00000, Principal axes: T Plg60.0000, Azm290.0000, N Plg0.0000, Azm0.0000, P Plg30.0000, Azm110.0000, Moment Tensor Solution. s80 Moment tensor: Scale 1018 Nm; Mr:0.0; Mw:0.0; Ms:0.0; M0:0.0; Mw:0.0

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

Mw:0.0; Best double couple: M:1.20000x1018 NP1: 0.2530000, 822.00000, 1.139.00000, NP2: 0.22.00000, 876.00000, 1.73.00000, Principal axes: T 1.1700, Plg56.0000, Azm271.0000, N 0.0000, Plg16.0000, Azm26.0000, P -1.1700, Plg29.0000, Azm125.0000, Depth from synthetics of broadband displacement seismograms. Energy computed from MT mechanism.

NEIC Felk [III] at Misawa, Honshu. Also felt at Sapporo, Hokkaido. Recorded [4 JMA] in the Obihiro area, [3 JMA] in south-central Hokkaido, [2 JMA] throughout southern Hokkaido and [1 JMA] in northern Hokkaido. Also recorded [3 JMA] in Aomori; [2 JMA] in Iwate and Miyagi; [1 JMA] in Akita Prefecture, Honshu.

JMA 17 00:02:56.6 0.2, 4173N-14372E, h40km, 3km, M6.2 Broadband fault plane solution: P waves. NP1: 20.00000, 814.00000, 1.9.00000, NP2: 20.00000, 885.00000, 1.103.00000, Principal axes: T Plg48.0000, Azm310.0000, N Plg13.0000, Azm205.0000, P Plg39.0000, Azm104.0000.

JMA Felk IV J1, MOS 17 00:02:56.1 0.8, 4183N-14356E, h35km, mb6.2/137, MS6.1/73 Error ellipse: s-maj=6.0km s-min=3.1km az=108.7

GCMT 17 00:02:56.8 0.1, 4165N-14397E, h38km, MW6.0/93, Moment Tensor Solution. s93c216; s93c291; Duration: 2s4. Moment tensor: Scale 1019Nm; Mw:0.72c.01; Mo:0.12c.01; Ms:0.60c.01; Ms:0.34c.01; Mw:0.42c.01; Ms:0.82c.01; Best double couple: Mo1.18100x1018 NP1: 218.00000, 821.00000, 1.103.00000, NP2: 24.00000, 869.00000, 1.85.00000, Principal axes: T 1.1240, Plg65.0000, Azm285.0000, N 0.1150, Plg5.0000, Azm26.0000, P -1.2390, Plg24.0000, Azm116.0000, nsta1 refers to body waves, cutoff=40s.

17h refers to surface/body waves, cutoff=50s. IDC 17 00:02:58.2 1.2, 4166N-14358E, h48km, 1km, mb5.2/23, mb1 5.3/30, mb1mx3.3/31, mbtmp5.3/30, ML4.7/7, MS5.8/30, Ms1 5.8/30, ms1mx5.7/39, Error ellipse: s-maj=12.5km s-min=9.3km az=92.0

SZGRF 17 00:02:59.7, 4208N-14463E, h34km, mb6.4, MS6.2, Hokkaido, Japan, region

ISC 17 00:02:57.4 0.1, 4180N-001-14351E, h33km, h33km, 7km, pp-P, n1576, c0881/1560, mb6.0/347, MS5.9/243, 681C-300D, Hokkaido region

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists numerous stations and their data.

Table with columns: YSS, Yuzh-Sakhalins, 5.18 354, Pn, 00 04 12.7 +0.1, 00 05 10.0 -1.1, etc.

Table with columns: SNY, comp=Z,12um,12.0s, LR, LR, SNY, comp=N,31um,13.7s, LR, LR, etc.

Table with columns: HHC, comp=Z,4um,4.6s, LR, LR, HHC, comp=N,27um,15.7s,MS6.1, LR, LR, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes entries for stations like GTA, AP, pP, and various frequency bands.

Table with columns for call sign, frequency, mode, and other parameters. Includes entries for stations like NVS, Novosibirsk, IMA2, and various frequency bands.

Table with columns for call sign, frequency, mode, and other parameters. Includes entries for stations like AAK, Ala-Archa, UCH, and various frequency bands.





J04A	Umpqua Nationa	65.70	53	↑P	P	00 13 39.1 +0.6
J04A	baz=65,SNR=17			↑S	S	00 22 23.3 +1.2
JMJC	Jan Mayen	65.74	350	LR	LR	00 42 09.6
ASAR	Alice Springs	65.74	190	P	P	00 13 37.5 -1.2
ASAR	comp=Z,1.1nm,0.8s,mb4.9,baz=2.4,slow=5.0,SNR=40			PKPPKF		00 42 15.8
C10A	Spiker Farm	65.78	47	↑P	P	00 13 38.7 -0.3
C10A	baz=66			↓S	S	00 22 22.5 -0.5
H06A	Lindquist Farm	65.88	51	↑P	P	00 13 39.6 0.0
H06A	baz=66			↓S	S	00 22 24.9 +0.7
JCC	Jacoby Creek	65.92	56	↑P	P	00 13 40.1 +0.1
B11A	Sandpoint	65.93	46	↑P	P	00 13 40.2 +0.3
B11A	baz=66			↓S	S	00 22 25.1 +0.4
G07A	Ruggs Ranch, H	65.95	50	↑P	P	00 13 40.5 +0.4
G07A	baz=66			↓S	S	00 22 26.0 +0.8
A12A	Yaak River Ran	66.01	45	↑P	P	00 13 40.4 0.0
E09A	Wood Farm, Sta	66.09	48	↑P	P	00 13 40.7 -0.2
E09A	baz=66			↓S	S	00 22 26.5 -0.3
VOR	Voronezh	66.11	319	eP	P	00 13 39.0 -2.0
VOR	comp=Z,2.800nm,1.0s,mb6.7			pmx	pmx	
F08A	Pendleton	66.15	49	↑P	P	00 13 41.6 +0.2
F08A	baz=66			↓S	S	00 22 28.1 +0.5
J05A	Fort Rock	66.19	53	↑P	P	00 13 42.2 +0.5
J05A	baz=66,SNR=19			↓S	S	00 22 29.3 +1.1
YBH	Yreka Blue Hor	66.20	55	eP	P	00 13 42.4 +0.7
YBH	comp=Z,7.0nm,1.1s,mb5.6			eP	pP	00 13 53.6 +1.6
YBH	baz=66			LR	LR	
YBH	Yreka Blue Hor	66.20	55	eP	P	00 13 42.4 +0.6
YBH	comp=Z,4.0nm,2.0s,MS5.6			ePP	pP	00 13 53.6 +1.6
YBH	baz=66			pmx	pmx	
D10A	Wagner Farm, O	66.25	48	P	P	00 13 41.5 -0.4
D10A	baz=66,SNR=47			↑S	S	00 22 27.5 -1.2
K04A	Chilquin	66.28	53	↑P	P	00 13 42.5 +0.3
K04A	baz=66			↓S	S	00 22 29.9 +0.6
M02C	Callahan	66.31	55	↑P	P	00 13 43.0 +0.6
M02C	baz=66			↑S	S	00 22 30.7 +1.0
B12A	Libby	66.33	46	↑P	P	00 13 42.8 +0.4
B12A	baz=66			↓S	S	00 22 30.5 +0.9
G08A	Pilot Rock	66.35	50	P	P	00 13 43.0 +0.4
G08A	baz=66,SNR=15			↓S	S	00 22 29.9 0.0
MBWA	Marble Bar	66.40	204	eP	P	00 13 41.6 -1.5
MBWA	comp=Z,6.0nm,1.1s,mb5.5			LR	LR	
H07A	Lands Inn, Kim	66.41	51	↑P	P	00 13 43.2 +0.2
H07A	comp=Z,2.0nm,2.0s,MS5.4			↓S	S	00 22 30.8 +0.1
I06A	Prineville	66.41	52	↑P	P	00 13 43.5 +0.4
I06A	baz=66			↑S	S	00 22 30.8 +0.1
VRSR	Storozhevoye	66.43	318	eP	P	00 13 42.9 -0.1
VRSR	comp=E,7.0nm,1.0s			eS	S	00 22 30.3 -0.4
VRSR	comp=Z,6.0nm,1.0s,mb5.6			pmx	pmx	
VRSR	comp=N,6.0nm,0.9s			smx	smx	
VRSR	comp=N,10.0nm,1.0s			smx	smx	
VRSR	comp=E,10.0nm,1.1s			smx	smx	
VRSR	comp=Z,3.0nm,1.1s			MLR	MLR	
VRSR	comp=N,9.10nm,2.0s,MS5.3			MLR	MLR	
VRSR	comp=E,1.0nm,17.0s,MS5.3			MLR	MLR	
O01C	Eel River Cons	66.44	57	↑P	P	00 13 44.2 +0.9
O01C	baz=66			↑S	S	00 22 33.0 +1.7
L04A	Klamath Falls	66.44	54	↑P	P	00 13 43.7 +0.4
L04A	baz=66			↑S	S	00 22 31.5 +0.3
VORD	Divnogorie	66.53	318	eP	P	00 13 43.1 -0.6
VORD	comp=Z,5.90nm,1.5s,mb6.4			pmx	pmx	
VORD	comp=N,14.0nm,0.7s			pmx	pmx	
VORD	comp=E,13.0nm,0.8s			pmx	pmx	
VORD	comp=N,10.0nm,17.0s,MS6.3			MLR	MLR	
VORD	comp=E,11.0nm,16.0s,MS6.3			MLR	MLR	
VORD	comp=Z,12.0nm,16.0s,MS6.2			MLR	MLR	
A13A	Flathhead Natio	66.67	45	↑P	P	00 13 44.5 -0.1
E10A	Myers Farm, Un	66.68	48	↑P	P	00 13 44.6 -0.1
E10A	baz=66,SNR=32			↓S	S	00 22 32.2 -1.7
F09A	S2 Ranch, Elgi	66.69	49	↑P	P	00 13 45.1 +0.3
F09A	baz=66			↓S	S	00 22 35.2 +1.0
M04C	Maccoel	66.70	54	↑P	P	00 13 45.4 +0.5
M04C	baz=66,SNR=20			↑S	S	00 22 35.1 +0.8
K05A	Summer Lake	66.72	53	P	P	00 13 45.9 +0.8
K05A	baz=66			↑S	S	00 22 35.2 +0.6
I07A	Sumner Ranch	66.74	51	P	P	00 13 45.8 +0.6
I07A	baz=66,SNR=12			↑S	S	00 22 35.6 +0.8
D11A	Klaveano Farm,	66.77	47	↑P	P	00 13 45.4 +0.1
D11A	baz=66			↑S	S	00 22 34.5 -0.5
M03C	McCloud	66.83	55	↑P	P	00 13 46.4 +0.6
M03C	baz=67			↓S	S	00 22 36.2 +0.3
MAK	Makhachkala	66.83	307	iP	P	00 13 46.5 +0.8
MAK	baz=66			i	i	00 14 13.8
MAK	baz=66			i	i	00 16 10.8
MAK	baz=66			ePPP	ePPP	00 17 53.7
MAK	baz=66			iS	iS	00 22 37.1 +1.2
MAK	baz=66			eSSS	eSSS	00 29 53.2
MAK	baz=66			pmx	pmx	

MAK	comp=Z,5.47nm,1.5s,mb6.4			pmx	pmx	
MAK	comp=N,5.42nm,1.9s			pmx	pmx	
KIPM	comp=E,2.0m,2.7s			pmx	pmx	
KCPM	Iron Peak	66.84	57	eP	P	00 13 46.3 +0.4
J06A	Cahto Peak	66.85	57	eP	P	00 13 46.2 +0.3
J06A	Christmas Vall	66.85	52	↑P	P	00 13 46.3 +0.4
J06A	baz=67,SNR=13			↓S	S	00 22 35.7 -0.4
WALA	Waterton Lakes	66.85	44	eP	P	00 13 45.4 -0.4
F10A	Beach Ranch, E	66.92	48	↑P	P	00 13 46.6 +0.3
F10A	baz=67			↓S	S	00 22 37.2 +0.3
TRD	Trivandrum	66.93	261	eP	P	00 13 46.2 -0.6
TRD	comp=Z,5.40nm,1.4s,mb6.4			AMB	AMB	00 13 50.0
H08A	Prairie City	66.97	50	↑P	P	00 13 46.7 +0.1
H08A	baz=67			↑S	S	00 22 38.1 +0.6
LASM	Arnica Sink	66.97	54	P	P	00 13 47.7 +1.0
WDC	Whiskeytown Da	66.98	56	eP	P	00 13 47.0 +0.2
WDC	comp=Z,6.8nm,1.0s,mb5.6			LR	LR	
WDC	Whiskeytown Da	66.98	56	eP	P	00 13 47.0 +0.3
WDC	comp=Z,3.0m,2.0s,MS5.5			MLR	MLR	
WDC	Whiskeytown Da	66.98	56	↑P	P	00 13 47.0 +0.3
WDC	baz=67			↓S	S	00 22 38.3 +0.6
B13A	Whitefish	66.98	45	↑P	P	00 13 46.7 +0.1
B13A	baz=67,SNR=55			↑S	S	00 22 36.0 -1.4
G09A	Cove	67.03	49	↑P	P	00 13 46.6 -0.3
O02C	Red Bluff	67.06	56	↑P	P	00 13 48.1 +0.9
O02C	baz=67			↓S	S	00 22 40.6 +1.8
K06A	Valley Falls	67.06	53	↑P	P	00 13 47.5 +0.3
K06A	baz=67			↓S	S	00 22 38.8 +0.1
P01C	Double 8 Ranch	67.13	57	↑P	P	00 13 48.4 +0.6
P01C	baz=67			↓S	S	00 22 41.3 +1.7
L05A	Lakeview	67.16	54	↑P	P	00 13 48.4 +0.6
L05A	baz=67			↑S	S	00 22 41.4 +1.5
YSU	Vasula	67.18	329	iP	P	00 13 47.5 -0.2
YSU	Vasula	67.18	329	iP	P	00 13 47.4 -0.3
E11A	Eidsvold	67.19	173	eP	P	00 13 48.8 +0.8
E11A	Bogner Ranch,	67.26	48	↑P	P	00 13 48.6 +0.8
E11A	baz=67			↑S	S	00 22 40.1 -0.8
J07A	Hines	67.28	52	↑P	P	00 13 48.9 +0.3
J07A	baz=67			↑S	S	00 22 41.8 +0.6
D12A	Red Ives Fores	67.31	47	↑P	P	00 13 48.2 -0.5
D12A	baz=67			↑S	S	00 22 40.7 -0.8
C13A	Hot Springs	67.34	46	↑P	P	00 13 49.0 +0.1
C13A	baz=67			↑S	S	00 22 41.8 -0.1
M05C	Lookout	67.37	54	↑P	P	00 13 50.3 +1.1
M05C	baz=67			↓S	S	00 22 44.2 +1.7
I08A	Drewsey	67.39	51	↑P	P	00 13 49.4 +0.1
I08A	baz=67			↓S	S	00 22 44.2 +1.6
NSS	Namsos	67.40	339	eP	P	00 13 47.1 -1.8
NSS	comp=Z,2.67nm,1.9s,mb6.0			AMB	AMB	00 13 52.5
GASB	Alder Springs	67.41	57	↑P	P	00 13 50.6 +1.1
GASB	baz=67			↑S	S	00 22 43.9 +1.0
H09A	Durkee	67.46	50	↑P	P	00 13 49.8 +0.1
H09A	baz=67			↓S	S	00 22 44.8 +1.5
HATC	Hat Creek Radi	67.50	55	↑P	P	00 13 50.9 +0.9
HATC	baz=67			↓S	S	00 22 45.9 +1.8
BMO	Blue Mountains	67.55	49	eP	P	00 13 50.1 -0.2
BMO	comp=Z,2.1nm,1.0s,mb5.1			LR	LR	
BMO	Blue Mountains	67.55	49	eP	P	00 14 00.8 +1.1
MOD	Modoc	67.56	53	eP	P	00 13 50.7 +0.3
MOD	comp=Z,1.4nm,0.8s,mb5.0			LR	LR	
MOD	Modoc	67.56	53	↑P	P	00 13 50.6 +0.2
MOD	baz=67			↑S	S	00 22 46.2 +1.5
F11A	Grangeville	67.57	48	↑P	P	00 13 50.2 -0.2
F11A	baz=67			↑S	S	00 22 44.9 +0.3
HOPS	Hopland	67.58	57	PFAKE	LR	00 14 00.0 +9.4
HOPS	comp=Z,4.0m,2.1s,MS5.7			LR	LR	
HOPS	Hopland	67.58	57	↑P	P	00 13 50.9 +0.4
O03C	Acorn Hollow,	67.64	56	↑P	P	00 13 51.2 +0.3
O03C	baz=67			↑S	S	00 22 45.9 +0.3
K07A	Rock Creek Ran	67.72	52	↑P	P	00 13 51.6 +0.3
K07A	baz=67			↓S	S	00 22 45.5 -1.1
C14A	Swan Lake	67.73	45	↑P	P	00 13 51.2 -0.1
D13A	Huson	67.76	46	↑P	P	00 13 51.4 -0.2
D13A	baz=68			↓S	S	00 22 46.4 -0.6
J08A	Circle Bar Ran	67.77	51	↑P	P	00 13 51.8 +0.1
J08A	baz=68			↓S	S	00 22 47.7 +0.5
G11A	Walters Elk Ra	67.80	48	↑P	P	00 13 51.5 -0.4
I09A	Lost Marbles R	67.83	50	↑P	P	00 13 52.3 +0.2
I09A	baz=68			↑S	S	00 22 49.7 +1.9
M06C	Likely Place G	67.87	54	↑P	P	00 13 52.7 +0.4
M06C	baz=68			↑S	S	00 22 49.6 +1.1
H10A	Noah's Angus R	68.03	49	↑P	P	00 13 53.0 -0.3
O04C	Chester	68.03	55	↑P	P	00 13 53.5 +0.2
O04C	baz=68			↓S	S	00 22 51.1 +0.8
MNRC	McLaughlin Nat	68.04	57	↑P	P	00 13 54.0 +0.5
MNRC	baz=68			↑S	S	00 22 52.1 +1.6
ELFS	Eagle Lake Fie	68.07	55	↑P	P	00 13 54.2 +0.6
ELFS	baz=68			↑S	S	00 22 52.2 +1.4
L07A	Adell	68.07	53	↑P	P	00 13 54.1 +0.5
L07A	baz=68			↑S	S	00 22 52.4 +1.7

L07A	baz=68			↑S	S	00 22 52.4 +1.7
K08A	Mann Creek Ran	68.14	52	↑P	P	00 13 54.0 -0.1
K08A	baz=68			↑S	S	00 22 52.6 +1.0
F12A	Elk City	68.15	48	↑P	P	00 13 53.6 -0.4
F12A	baz=68			↑S	S	00 22 52.5 +0.9
NSHM	Saint Helena R	68.15	57	eP	P	00 13 54.3 +0.2
J09A	Fry Pan Ranch,	68.20	51	↑P	P	00 13 54.1 -0.3
J09A	baz=68			↓S	S	00 22 54.1 +1.8
MCCM	Marconi Confer	68.20	58	PFAKE	LR	00 14 10.0 +1.6
MCCM	comp=Z,4.0m,2.1s,MS5.6			LR	LR	
MCCM	Marconi Confer	68.20	58	↑P	P	00 13 54.8 +0.3





17d Oh

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Black Hills, Red Dirt Ranch, Al-Radifah, etc.

2007 FEB

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Wupatki, Kecovo, Moravsky Berou, etc.

560

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Berggiesshubel, Panská Ves, Plockton, etc.



Table with columns for PPT, comp, name, time, and other details. Includes entries like JAN Janina, DYA Yadworthy, LTK Loutraki, etc.

Table with columns for PPT, comp, name, time, and other details. Includes entries like PPT comp=Z,2jum,24.8s, PPT comp=Z,13jum,24.5s, etc.

Table with columns for PPT, comp, name, time, and other details. Includes entries like RJJF comp=Z,556nm,1.8s,mb6.5, RJJF comp=Z,11jum,18.8s,MS6.3, etc.







Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like COLA, SML, CHG, CHTO, KURK, BTM, etc.

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like ARCES, ARCES, ARES, KTK1, TRO, FITZ, etc.

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like G08A, I06A, VRSR, VRSR, VRSR, etc.

17d Oh

2007 FEB

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EGMT Eagleton, L10A Juniper Basin, J12A Stokes Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SIM comp=Z,21nm,0.8s,mb5.1, R12A Pony Springs, BW06 Boulder Array, etc.

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BAIF Baives, BFO Black Forest, FETA Feichten, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TCF, QUIF, TXAR, SBF, VIVF, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LPJG La Paz, LPJG, TXAR, etc.

ISCJB 17 01:53:27.8.0.5, 5021N.004x1886E.003, h0km, Error ellipse: s-maj=5.8km s-min=2.7km az=5.4

CSEM 17 01:53:28.0.0.2, 5018N.1894E, h2km, ML2.7/4, Error ellipse: s-maj=5.0km s-min=2.2km az=1.0

IPEC 17 01:53:28.5.0.1, 5020N.1893E, h3km, 1km, ML1.5/3, Error ellipse: s-maj=1.5km s-min=0.8km az=171.0

PRU 17 01:53:28.8.5027N.1885E, h0km

WAR 17 01:53:28.0.5025N.1895E, ML2.4, Mining Induced

ISC 17 01:53:28.0.5021N.004x1887E.003, h0km, m36, e123/57, 2C-4D, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like RAC Raciborz, OKC Ostrava-Krasne, etc.

IDC 17 02:06:31.6.1.2, 2554N.127.43E, h0km, mb3.7/7, mb1.3/8, mb1mx3.7/21, mbtmp3.7/8, ML3.9/1, Error ellipse: s-maj=29.1km s-min=20.4km az=108.0

NEIC 17 02:06:32.4.9.7, 2555N.127.48E, h5km, m1km, mb4.0/1, Error ellipse: s-maj=29.3km s-min=18.1km az=66.0

ISCJB 17 02:06:34.9.1.1, 2552N.007x127.74E.006, h42km, 9km, mb3.5/8, Error ellipse: s-maj=11.9km s-min=7.6km az=25.2

JMA 17 02:06:34.4.0.2, 2549N.127.66E, h48km, 3km, M3.3

ISC 17 02:06:34.9.1.4, 2549N.006.1267E.006, h28km, 8km, n21, c089/29, mb3.5/8, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JTT Tamaqusuku 2, JNT Naha, etc.

MAN 17 02:43:04.526N.12699E, h22km, mb5.1, ML4.1, MS4.2

IDC 17 02:43:10.7.4.6, 534AN.12561E, h22km, 28km, mb3.9/11, mb1.4/0.11, mb1mx3.9/20, mbtmp3.9/11, Error ellipse: s-maj=71.4km s-min=13.7km az=69.0

ISCJB 17 02:43:13.6.0.8, 5591N.006x12653E.009, h7km, 7km, mb4.1/24, Error ellipse: s-maj=14.6km s-min=8.7km az=163.4

NEIC 17 02:43:15.2.1.2, 558N.12645E, h71km, 10km, mb4.3/13, Error ellipse: s-maj=19.9km s-min=6.5km az=69.0

BUI 17 02:43:16.0.578N.12565E, h43km, mb4.6, m4.1, Ms4.3, Ms4.4

ISC 17 02:43:14.9.0.8, 555N.005x12649E.008, h70km, 7km, n48, e1501/47, mb4.1/24, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MATI Mati, GSPH General Santos.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GSPH Davao City (W), DAV Davao City (W), etc.

BUI 17 03:23:05.8, 1099N.143.77E, h9km, mb4.9, mb4.8, Ms4.6, Ms4.3

IDC 17 03:23:10.9.0.5, 1146N.143.20E, h0km, mb4.7/22, mb1.4/7.23, mb1mx4.7/23, mbtmp4.7/23, ML5.1/1, MS3.9/12, Ms1.3/9.12, ms1mx3.7/33, Error ellipse: s-maj=19.7km s-min=11.5km az=81.3

ISCJB 17 03:23:11.5.0.1, 1146N.003x143.17E.003, h10km, mb4.9/88, MS4.0/15, Error ellipse: s-maj=5.0km s-min=3.9km az=179.4

NEIC 17 03:23:12.7.3.2, 1147N.143.27E, h10km, 20km, mb4.9/46, Error ellipse: s-maj=5.3km s-min=4.0km az=96.0

GCMT 17 03:23:12.7.0.3, 1143N.143.17E, h21km, 1km, MW5.0/62, Moment Tensor Solution. s24, c26; s62, c93; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-3.50; 28; Mho3.56; 1.7; Mho.0.06; 1.6; Mv1.82; 2.5; Mho.0.15; 1.4; Mv1.13; 3.9; Best double couple: M4.20400x10^16 Np1.77.0000; 0.33.0000; -1.18.0000; -NP2; q230.0000; 3.61.0000; 73.0000; Principal axes: T 4.0000, Plg15.0000; Azm7.0000; P -4.3470, Plg69.0000; Azm235.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

MOS 17 03:23:14.4.1.2, 1149N.143.18E, h33km, mb5.0/36, Error ellipse: s-maj=10.7km s-min=6.1km az=100.9

ISC 17 03:23:12.5.1.7, 1148N.004x143.25E.003, h6km, 10km, h39km, 4.8km, p-P, n396, e071/396, mb4.9/88, MS4.0/15, 55C-54D, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GUMO Guam, CBJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NJ2 Nanjing, CTA Charters Tower, etc.

KMI Kunming 40.61 295 P P 03 30 55.3 +1.8

KMI Kunming 40.61 295 P P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7

KMI Kunming 40.61 295 pP P 03 31 04.3 +9.1

KMI Kunming 40.61 295 pP P 03 30 55.2 +1.7







Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WRA, DZM, ASAR, FITZ, STKA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NST, KMI, KUN, CHG, CHTO, CD2, POHA, HHC, LHZ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TLY, TAPN, CASY, MOY, JIRN, KKN, SDPT, PALK, GKN, BILL, etc.

DLBC	Dease Lake	87.15	31	eP	P	04 13 51.6	+0.9
BRVK	Borovoye	87.44	323	eP	P	04 13 50.9	-1.3
BRVK	Borovoye	87.44	323	eP	Pmax	04 13 50.9	-1.3
INK	Inuvik	87.89	21	eP	P	04 13 53.1	-0.9
INK	Inuvik	87.89	21	eP	P	04 13 53.1	-0.9
INK	comp=Z,22nm,1.0s,mb4.8,baz=260,slow=3.8,SNR=55					04 15 31.9	-2.0
L02A	Cave Junction	88.78	48	↑P	P	04 13 59.0	+0.2
J02A	Umpqua	88.93	47	↑P	P	04 13 59.1	-0.3
K02A	Glendale	88.93	47	↑P	P	04 13 59.1	-0.4
MCCM	Marconi Confer	88.94	52	↑P	P	04 14 00.4	+0.8
D03A	Wishkah Elem.	89.18	43	↑P	P	04 14 01.2	+0.7
O02C	Red Bluff	89.20	50	↑P	P	04 14 00.9	+0.2
F03A	Seaside	89.20	44	↑P	P	04 14 01.0	+0.3
GASB	Alder Springs	89.20	50	↑P	P	04 14 00.7	-0.1
H03A	Soap Creek Ran	89.26	45	↑P	P	04 14 00.6	-0.3
E03A	Lebam	89.27	43	↑P	P	04 14 01.1	+0.2
M02C	Callahan	89.27	49	↑P	P	04 14 01.6	+0.5
HUMC	Hull Mountain	89.30	47	eP	P	04 14 01.3	+0.1
HUMO	Hull Mountain	89.30	47	↑P	P	04 14 01.4	+0.2
MNRC	McLaughlin Nat	89.35	51	↑P	P	04 14 01.3	-0.1
J03A	Ideyld Park	89.37	47	↑P	P	04 14 01.4	0.0
YBH	Yreka Blue Hor	89.40	48	eP	P	04 14 02.3	+0.6
YBH	Yreka Blue Hor	89.40	48	eP	Pmax	04 14 02.3	+0.6
YBH	comp=Z,16nm,0.9s					04 14 02.0	+0.3
WDC	Whiskeytown Da	89.43	49	P	P	04 14 02.0	+0.2
B04A	Port Angeles	89.46	42	↑P	P	04 14 02.2	+0.4
O03C	Acorn Hollow,	89.76	50	↑P	P	04 14 03.1	-0.3
C04A	Brinnon	89.78	42	↑P	P	04 14 03.3	+0.1
M03C	McCloud	89.80	49	P	P	04 14 03.8	+0.3
I04A	Tendick Farm,	89.81	46	↑P	P	04 14 03.5	0.0
E04A	Onalaska	89.85	43	↑P	P	04 14 03.9	+0.3
GNW	Green Mountain	89.87	42	eP	P	04 14 04.0	+0.3
G04A	Mulino	89.89	45	↑P	P	04 14 04.0	+0.2
J04A	Umpqua Nationa	89.98	47	P	P	04 14 04.9	+0.6
F04A	Amboy	90.00	44	↑P	P	04 14 04.5	+0.2
H04A	Detroit Lake	90.05	45	↑P	P	04 14 04.3	-0.3
L04A	Klamath Falls	90.05	48	P	P	04 14 05.0	+0.4
A04A	Legoe Bay, Lum	90.06	41	↑P	P	04 14 05.6	+1.1
M04C	Madcoel	90.06	48	P	P	04 14 05.2	+0.5
S04C	Ingram Canyon,	90.11	53	↑P	P	04 14 05.5	+0.5
ORV	Oroville	90.14	51	P	P	04 14 04.7	-0.5
K04A	Chiquin	90.21	47	↑P	P	04 14 05.4	+0.1
HATC	Hat Creek Radi	90.26	49	↑P	P	04 14 05.4	-0.2
D05A	Enumclaw	90.40	43	↑P	P	04 14 06.1	-0.1
B05A	Bryant	90.42	42	↑P	P	04 14 06.3	+0.1
U04C	Hernandez Rese	90.46	54	↑P	P	04 14 07.6	+0.9
E05A	Randle	90.50	44	↑P	P	04 14 05.7	-0.9
O04C	Chester	90.51	50	P	P	04 14 07.0	+0.2
M05C	Lookout	90.54	49	P	P	04 14 07.0	0.0
J05A	Fork Rock	90.62	47	P	P	04 14 07.9	+0.6
PKD	Parkfield	90.63	54	↑P	P	04 14 07.9	+0.4
LAVA	Lava Cap Winer	90.67	51	↑P	P	04 14 07.4	-0.2
G05A	Wamic	90.71	45	↑P	P	04 14 08.0	+0.4
ELFS	Eagle Lake Fie	90.81	50	P	P	04 14 08.4	+0.1
P05C	Yuba Gap, Truc	90.81	51	↑P	P	04 14 08.3	+0.1
L05A	Lakeview	90.83	48	P	P	04 14 08.5	+0.3
K05A	Summer Lake	90.83	47	P	P	04 14 08.9	+0.7
B06A	Marblemount	90.85	42	↑P	P	04 14 08.3	+0.1
S05C	Merced	90.89	53	P	P	04 14 08.8	+0.1
CMB	Columbia Colle	90.89	52	↑P	P	04 14 08.6	-0.1
A06A	Chilliwack	90.89	41	↑P	P	04 14 08.6	+0.2
U05C	Westside ANR,	90.99	54	↑P	P	04 14 10.0	+0.8
M06C	Likely Place G	91.03	49	P	P	04 14 09.7	+0.5
BEKR	Beckworth	91.04	50	P	P	04 14 09.1	-0.1
E06A	Yakima	91.04	44	↑P	P	04 14 09.0	-0.1
F06A	Goldendale	91.12	44	↑P	P	04 14 10.1	+0.5
PKM	Peak Mountain	91.15	55	↑P	P	04 14 10.3	+0.4
D06A	Cle Elum	91.18	43	↑P	P	04 14 09.9	+0.2
R05C	Kirkwood Meado	91.18	51	↑P	P	04 14 10.1	+0.1
G06A	Carlson Farm,	91.19	45	↑P	P	04 14 10.2	+0.4
MOD	Modoc	91.21	48	eP	P	04 14 10.4	+0.4
MOD	Modoc	91.21	48	eP	P	04 14 10.3	+0.2
K06A	Valley Falls	91.31	47	P	P	04 14 10.7	+0.3
S06C	San Francisco	91.31	52	P	P	04 14 10.2	-0.4
T06C	Millerton Lake	91.37	53	P	P	04 14 10.8	-0.1
H06A	Lindquist Farm	91.37	45	↑P	P	04 14 11.1	+0.4
P06A	Stead Airport,	91.38	51	↑P	P	04 14 11.4	+0.5
J06A	Christmas Vall	91.41	47	P	P	04 14 10.8	-0.1
I06A	Prineville	91.41	46	P	P	04 14 11.3	+0.4
W06A	Flanigan	91.46	50	↑P	P	04 14 11.2	0.0
OCN	Washoe City	91.47	51	↑P	P	04 14 11.4	+0.1
N06A	Buffalo Meadow	91.49	49	P	P	04 14 11.2	-0.1
A07A	Ashnola River,	91.61	41	P	P	04 14 12.1	+0.4
R06C	Coleville	91.66	52	P	P	04 14 12.4	+0.3
WAKR	Walker	91.67	52	eP	P	04 14 12.4	+0.1

KCC	Kaiser Creek	91.69	53	P	P	04 14 12.5	+0.2
RCTC	Rector, Farmer	91.70	54	↑P	P	04 14 12.0	-0.4
C07A	Warville	91.74	43	↑P	P	04 14 12.4	0.0
D07A	Winthrop	91.75	42	↑P	P	04 14 12.4	0.0
B07A	Quincy	91.77	43	↑P	P	04 14 12.2	-0.3
VES	Vestal, Richgr	91.81	54	↑P	P	04 14 12.5	-0.4
E07A	Sunnyside	91.82	44	↑P	P	04 14 13.0	+0.3
G07A	Ruggs Ranch, H	91.87	45	↑P	P	04 14 12.5	-0.5
HELL	Mitchell Peak,	91.90	54	P	P	04 14 13.2	-0.1
H07A	Lands Inn, Kim	91.91	46	↑P	P	04 14 13.1	-0.1
I07A	Izee	91.93	46	P	P	04 14 13.4	+0.2
L07A	Adel91	91.94	48	P	P	04 14 13.8	+0.4
R07C	Lee Vining	91.95	52	↑P	P	04 14 13.7	+0.2
M07A	Soldier Meadow	92.03	49	P	P	04 14 14.2	+0.4
J07A	Hines	92.03	47	↑P	P	04 14 14.1	+0.3
HAWA	Hanford	92.03	44	eP	P	04 14 13.6	-0.1
K07A	Rock Creek Ran	92.04	48	P	P	04 14 14.0	+0.2
O07A	Toulon	92.10	50	↑P	P	04 14 14.7	+0.1
CIS	Catalina Islan	92.24	57	↑P	P	04 14 14.7	-0.3
B08A	Colville Reser	92.27	42	↑P	P	04 14 14.5	-0.3
ISA	Isabella	92.29	55	P	P	04 14 15.0	-0.1
MTUM	Tungsten Hills	92.30	53	eP	P	04 14 15.3	+0.2
A08A	Turner Farm, O	92.34	41	↑P	P	04 14 15.5	+0.4
E08A	Dider Farm, El	92.36	44	↑P	P	04 14 14.9	-0.3
G08A	Pilot Rock	92.38	45	↑P	P	04 14 15.2	-0.1
C08A	Higginbotham F	92.43	42	P	P	04 14 15.8	+0.3
WVOR	Wild Horse Val	92.48	48	eP	P	04 14 15.2	-0.6
WVOR	Wild Horse Val	92.48	48	eP	Pmax	04 14 15.2	-0.7
D08A	Wollman Farm,	92.48	43	↑P	P	04 14 15.9	+0.1
F08A	Pendleton	92.53	44	↑P	P	04 14 15.7	-0.3
H08A	Prairie City	92.55	46	↑P	P	04 14 15.7	-0.4
NVAR	Mina Array Bea	92.55	52	P	P	04 14 16.4	+0.1
S08C	White Min Res	92.62	53	P	P	04 14 17.1	+0.5
M08A	Happy Creek Ra	92.63	49	↑P	P	04 14 16.8	+0.2
J08A	Circle Bar Ran	92.64	47	↑P	P	04 14 16.4	-0.2
CWC	Cottonwood Cre	92.64	54	↑P	P	04 14 16.7	0.0
EDW2	Edwards Air Fo	92.65	55	P	P	04 14 17.3	+0.5
L08A	Fields	92.68	48	P	P	04 14 16.8	0.0
R08A	Mina	92.70	52	↑P	P	04 14 16.9	-0.1
N08A	GE Springer Mi	92.78	49	P	P	04 14 17.6	+0.3
A09A	Danville	92.79	41	P	P	04 14 17.4	+0.3
Q08A	Galen	92.86	51	↑P	P	04 14 17.3	-0.4
BFSC	Mount Baldy St	92.89	56	↑P	P	04 14 17.5	-0.5
D09A	Jones Farm, Ri	92.90	43	↑P	P	04 14 17.4	-0.3
LRMC	Laurel Mountai	92.92	55	↑P	P	04 14 18.0	0.0
C09A	Chrisman Ranch	92.95	42	↑P	P	04 14 18.0	+0.1
E09A	Wood Farm, Sta	92.99	44	↑P	P	04 14 17.4	-0.7
B09A	Rice	93.06	42	↑P	P	04 14 18.4	0.0
MPMC	Manual Process	93.11	54	P	P	04 14 19.0	+0.1
K09A	Rome	93.16	48	↑P	P	04 14 18.4	-0.6
J09A	Fry Ranch,	93.16	47	P	P	04 14 18.8	-0.2
L09A	Wilkinson Ranc	93.18	48	↑P	P	04 14 19.1	0.0
I09A	Lost Marbles R	93.19	46	↑P	P	04 14 18.6	-0.5
GRAC	Grapevine Rang	93.24	53	P	P	04 14 19.4	0.0
MURC	Murrieta	93.25	57	↑P	P	04 14 19.4	-0.2
109C	Camp Elliot, M	93.30	57	↑P	P	04 14 20.2	+0.3
M09A	Marrel Ranch,	93.32	49	↑P	P	04 14 20.1	+0.3
S09A	Goldfield	93.38	53	P	P	04 14 20.2	+0.1
Q09A	Carvers	93.45	51	↑P	P	04 14 20.3	-0.1
A10A	Northport	93.47	41	P	P	04 14 20.5	+0.3
O09A	Fish Creek Ran	93.48	50	P	P	04 14 20.5	0.0
R09A	Tonopah	93.51	52	P	P	04 14 20.9	+0.2
BMO	Blue Mountains	93.53	45	eP	P	04 14 19.5	-1.1
BMO	Blue Mountains	93.53	45	eP	Pmax	04 14 19.5	-1.1
AB31	Akbulak aray	95.39	319	iP	Pmax	04 14 18.4	-2.3
D10A	Wagner Farm, O	93.61	43	P	P	04 14 20.4	-0.6
F10A	Beach Ranch, E	93.61	44	P	P	04 14 20.2	-0.8
FURC	Furnace Creek,	93.63	54	↑P	P	04 14 21.1	-0.2
GSC	Goldstone	93.64	55	P	P	04 14 21.6	+0.2
B10A	Chitwood Farm,	93.67	42	↑P	P	04 14 21.5	+0.4
E10A	Myers Farm, U	93.71	44	↑P	P	04 14 21.4	0.0
NEW	Newport	93.74	42	eP	P	04 14 20.8	-0.6
NEW	Newport	93.74	42	eP	Pmax	04 14 20.8	-0.7
K10A	MacKenzie Ran	93.79	48	P	P	04 14 21.9	0.0
I10A	Payette	93.87	46	↑P	P	04 14 22.2	0.0
PFO	Pinyon Flat Ob	93.87	57	eP	P	04 14 22.8	+0.4
PFO	Pinyon Flat Ob	93.87	57	eP	Pmax	04 14 22.8	+0.3
PFO	Pinyon Flat Ob	93.87	57	↑P	P	04 14 22.9	+0.4
MPN	Monument Peak	93.88	57	↑P	P	04 14 23.6	+1.1
S10A	Tonopah Range,	93.88	52	P	P	04 14 22.4	0.0
J10A	Berg Farm, Mel	93.88	47	↑P	P	04 14 22.1	-0.2
H10A	Noah's Angus R	93.92	46	↑P	P	04 14 21.9	-0.6
HEC	Hector,Ludlow	94.01	55	P	P	04 14 23.3	+0.2

U10A	Ash Meadows, A	94.05	54	P	P	04 14 2
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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WUAZ Wupatki, EGMT Egleton, PDAR Pinedale Array, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WRAC Vranov, VREG Vranov, VBRG Vranov, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like LCO Las Campanas, BNI Bardonecchia, SSS Saint Sault, etc.

Table with columns: TOR, Torodi Ar. Bea, 148.47 289, PKPbc, PKPbc, 04 20 49.4 -0.6, comp=Z.36nm,0.5s,baz=50,slow=2.2,SNR=774

Table with columns: ZAL, Zalesovo, 58.83 321, P, P, 04 46 50.5 -0.4, comp=Z.51nm,18.6s,MS3.7,baz=41,slow=39

Table with columns: BS04, Mitsune, 2.19 254, P, Sn, 05 08 30.4 +1.2, comp=Z.0.6s,mb3.4,baz=94,slow=7.9,SNR=2.6

IDC 17 04:36:51.2,0.8,5462N:16166W,h0km,mb4.1/18, mb1 4/2.20,mb1mx4.1/2.6,mbtmp4.0/20,ML3.9/2,MS3.5/6, Ms1 3/5.6,ms1mx3.1/33,Error ellipse: s-maj=22.8km s-min=14.2km az=171.0

comp=Z.2.5nm,1.3s,mb4.9, 63.97 296 eP, P, 04 47 26.8 +1.0, comp=Z.17nm,1.3s,mb4.9

NEIC 17 05:11:45.2, 1636N:9540W, h84km, MD3.8(MEX), After MEX, MEX 17 05:11:47.1±0.8, 1634N:9542W, h55km±21km, MD3.8,

MOS 17 04:36:53.0,1.0,5463N:16165W,h24km,mb4.8/18,Error ellipse: s-maj=14.5km s-min=7.2km az=88.7

comp=Z.2.0nm,0.6s,mb4.3, 63.97 296 eP, P, 04 47 26.8 +1.0, comp=Z.17nm,1.3s,mb4.9

NEIC 17 05:11:45.2, 1636N:9540W, h84km, MD3.8(MEX), After MEX, MEX 17 05:11:47.1±0.8, 1634N:9542W, h55km±21km, MD3.8,

MOS 17 04:36:57.2,0.7,5464N:16152W,007,h56km,5km, mb4.4/50,MS3.8/8,Error ellipse: s-maj=12.7km s-min=5.1km az=160.7

comp=Z.2.0nm,0.6s,mb4.3, 63.97 296 eP, P, 04 47 26.8 +1.0, comp=Z.17nm,1.3s,mb4.9

NEIC 17 05:11:45.2, 1636N:9540W, h84km, MD3.8(MEX), After MEX, MEX 17 05:11:47.1±0.8, 1634N:9542W, h55km±21km, MD3.8,

NEIC 17 04:36:58.5,0.6,5456N:16156W,h55km±4km,mb4.4/17, ML4.5(PWFR),ML3.9(AEIC),Error ellipse: s-maj=9.2km s-min=4.1km az=160.0

comp=Z.2.0nm,0.6s,mb4.3, 63.97 296 eP, P, 04 47 26.8 +1.0, comp=Z.17nm,1.3s,mb4.9

NEIC 17 05:11:45.2, 1636N:9540W, h84km, MD3.8(MEX), After MEX, MEX 17 05:11:47.1±0.8, 1634N:9542W, h55km±21km, MD3.8,

ISC 17 04:36:58.6,0.7,5458N:16154W,006,h55km±4km, n112,r0993/115,mb4.4/50,MS3.8,4C-3D,Alaska Peninsula

comp=Z.2.0nm,0.6s,mb4.3, 63.97 296 eP, P, 04 47 26.8 +1.0, comp=Z.17nm,1.3s,mb4.9

NEIC 17 05:11:45.2, 1636N:9540W, h84km, MD3.8(MEX), After MEX, MEX 17 05:11:47.1±0.8, 1634N:9542W, h55km±21km, MD3.8,

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

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Table with columns: EQU, comp=N, SNR, P, Pn, 05 45 21.2 +1.7, etc. Lists various astronomical objects and their properties.

2007 FEB

Table with columns: EARI, comp=N, SNR, P, Pn, 05 47 23.6 -4.2, etc. Lists astronomical objects with specific coordinates and properties.

576

Table with columns: BGF, Bois d'Agland, 14.23 39 ePn, Pn, 05 47 19.2 -0.8, etc. Lists astronomical objects with detailed parameters and coordinates.

IDC 17 06:31:18.0, 694S, 15594E, h26km, mb5.1, mb4.9, Ms4.9, Msz4.3
MOS 17 06:31:18.5, 1.721S, 15584E, h33km, mb5.1/28, Error ellipse: s-maj=9.7km s-min=7.8km az=112.3
ISCJB 17 06:04:02.7, 2.4, 117S:0.1:1662E:0.1, h66km, 20km, mb4, 1/12, Error ellipse: s-maj=21.9km s-min=11.6km

ISC 17 06:31:20.8:0.2, 727S:004:15588E:004,h43km, h43km,4.6km,pp-P,n234,r1902/145,mb4.9/70,MS4.1/20, 7C-6D,Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Honiara, Port Moresby, Warramunga Arr, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like GYA, HNR, PMG, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LSA, ZAK, BOD, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for KMBO, AKASG, BRTR, TOR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for BTRT, Keskin Array B, TOR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for EPOB, EPOB Poblet, EPOB, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for ISCJB, NEIC, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for ISCJB, CSEM, CRAAG, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes entries for MOS, JMA, BUJ, etc.



Table with columns for flight codes (MDJ, SNG, SNY, etc.), destinations (Sangkhla, Shenyang, etc.), times, and status indicators (AMB, LR, etc.).

Table with columns for flight codes (CD2, HHC, HHC, etc.), destinations (Nuku Hiva Isla, Lanzhou, etc.), times, and status indicators (LR, P, etc.).

Table with columns for flight codes (BOD, TLY, TLY, etc.), destinations (Bodaibo, Talaya, etc.), times, and status indicators (eP, P, etc.).



Table with columns: MAW, Mawson, 84.38 203, P, P, 07 56 03.4 -0.2, etc. Includes rows for MAW, POO, SIT, ZAL, ZAL, AJM, EGAK, DAW, NVS, WRAK, KSH, ULHL, KURK, KURK, KURK, MCMC, HOPS, TKM2, TKM2, TKM2, KZA, KBK, WDC, WDC, CHMS, UCH, UCH, HUMO, YBH, FRU, SAO, AAK, AAK, AAK, AAK, COR, USP, NLWA, M03C, AML, AML, EKS2, EKS2, BHJ, M05C, CMB, INK, INK, J05A, T06C, S06C, WCN, MOD, MOD.

Table with columns: KCC, Kaiser Creek, 90.34 53, P, P, 07 56 34.4 +1.4, etc. Includes rows for KCC, O06A, ARVC, HELL, N06A, K06A, I06A, ISA, MTUM, EDW2, L07A, M07A, O07A, N07B, CWC, K07A, BFSC, I07A, S08C, H07A, NVAR, G07A, E07A, D07A, C07A, KK31, KKAR, HAWA, MPMC, WVOR, WVOR, WVOR, Q08A, M08A, N08A, L08A, G08A, GRAC, J08A, H08A, F08A, B08A, S09A, G08C, PFO, PFO, PFO, R09A, HEC, O09A, BELC, S10A, U10A, G09A, B09A, R10A, BMO, GMRC, K10A, M10A, BRVK, BRVK, L10A, D10A, V11A, A10A, H10A, Q11A, NEW, SHPR, O11A, K11A, M11A, V12A.

Table with columns: L11A, Cat Creek Ranc, 93.72 48, P, P, 07 56 48.7 +0.2, etc. Includes rows for L11A, I11A, H11A, ELK, A11A, P12A, Q12A, N12A, PDMCI, R12A, M12A, L12A, J12A, K12A, T13A, M13A, HLID, HLID, ARUT, H13A, I13A, F13A, G13A, B13A, MSO, K14A, DUG, DUG, MSU, YKA, YKA, YK3, E15A, G15A, F15A, WUAZ, WUAZ, MPU, MPU, TUC, TUC, HWUT, HWUT, BOZ, BOZ, AHID, AHID, YMR, YMR, LKWY, LKWY, BW06, BW06, PDAR, PDAR, EGMT, EGMT, RLMT, RLMT, MVCO, MVCO, AB31, AB31, M5EY, M5EY, ARU, ARU, ARU, ARU, ANMO, ANMO, LAO, LAO, ISCO, ISCO, MNTX, MNTX, SDCO, SDCO, DGMT, DGMT, PMSA, PMSA, RSSD, RSSD, LTX, LTX, FFC, FFC, AMTX, AMTX.







Table with columns for station name, frequency, and other technical details. Includes stations like GEC2, GEC3, GEC4, etc., and various other frequencies.

Table with columns for station name, frequency, and other technical details. Includes stations like SIV, EPF, ETSF, etc., and various other frequencies.

Table with columns for station name, frequency, and other technical details. Includes stations like FITZ, AFI, AFI, etc., and various other frequencies.







Table of astronomical observations for 17 days in February 2007, including columns for object name, magnitude, position, and other parameters.

Table of astronomical observations for 2007 FEB, including columns for object name, magnitude, position, and other parameters.

Table of astronomical observations for 2007 FEB, including columns for object name, magnitude, position, and other parameters.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSRS Korea Array, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSI Prapat, KULM Kulim, KSM Kuching, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSRS Korea Array, STKA Stephens Creek, UCH Uchto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MJAR Matsushiro Arr, KURK Kurchatov, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, PMG Port Moresby, COEN Coen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, MK31 Makanchi Array, MKAR Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARS Kars, ARTV Artvin, DIGO Kars, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARS Kars, ARTV Artvin, DIGO Kars, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BPA Boggy Peak, BEG La Desirade, SCG Saint Claude, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BPA Boggy Peak, BEG La Desirade, SCG Saint Claude, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MDZ Mendoza, CMCH Combarbala, CMCH Combarbala, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTCH Petorca, OVCH Ovalle, OVCH Ovalle, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNCH Conchagua, SNVI San Vicente, SNIHU Cacacuatie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HUEH Huentelau, TACN Tiquantepe, MASN Masaya, etc.







17d 12h

2007 FEB

Table with columns for location (e.g., POHA, YSS, YSS), time/zone (e.g., comp=Z,164nm,0.9s,mb5.1), and values (e.g., LR, LR, 12 52 43.2 -0.1).

Table with columns for location (e.g., XAN, XAN, XAN), time/zone (e.g., comp=Z,334nm,9.2s), and values (e.g., LR, LR, 12 53 23.4 +0.8).

Table with columns for location (e.g., MA2, MA2, MA2), time/zone (e.g., comp=Z,945nm,19.0s,MS5.0), and values (e.g., LR, LR, 12 54 00.3 -1.1).











F12A	Elk City	25.83 121	↑P	P	14 57 11.8 -0.2	O06A	danz=29,SNR=9.5	29.15 133	↑P	P	14 57 41.9 +0.1	MSU	Marysvale	33.25 124	eP	P	14 58 18.8 -0.9		
H09A	Durkee	25.88 125	P	P	14 57 12.7 +0.3	ORV	Flanigan	29.15 133	↑P	P	14 57 41.8 -0.3	SRU	San Rafael	33.33 121	eP	P	14 58 18.9 +0.4		
J05A	Fort Rock	25.88 132	↑P	P	14 57 12.7 +0.2	DCD1	Drake Creek	29.29 116	eP	P	14 57 43.7 +1.5	SRU	San Rafael	33.33 121	eP	P	14 58 18.9 +0.4		
E14A	Clinton	25.95 117	↑P	P	14 57 12.8 -0.3	N09A	Rock Creek Ran	29.29 129	↑P	P	14 57 43.2 +0.2	SRU	comp=Z,24nm,1.2s,mb5.0						
HUMO	Hull Mountain	25.95 135	eP	P	14 57 13.4 +0.3	K14A	Jones Ranch, D	29.35 121	↑P	P	14 57 44.0 +0.5	ARUT	Antelope Range	33.44 126	eP	P	14 58 20.2 +0.7		
HUMO	Hull Mountain	25.95 135	↑P	P	14 57 13.4 +0.3	M11A	Holland Ranch,	29.38 126	↑P	P	14 57 44.4 +0.7	FURC	Furnace Creek,	33.47 132	↑P	P	14 58 20.3 +0.4		
EGMT	Eagleton	26.13 111	eP	P	14 57 13.6 -1.0	OHCM	Honcut	29.39 136	eP	P	14 57 42.6 -1.3	SMCC	Simmer	33.56 137	↑P	P	14 58 21.1 +0.5		
EGMT	Eagleton	26.13 111	↑P	P	14 57 14.3 -0.3	LOHW	Long Hollow	29.41 117	eP	P	14 57 45.0 +1.0	S14A	Cedar City	33.56 126	P	P	14 58 21.2 +0.6		
F12A	Darby	26.15 119	↑P	P	14 57 14.4 -0.5	O07A	Toulon	29.46 131	P	P	14 57 45.5 +1.0	MPMC	Manual Prospec	33.65 133	P	P	14 58 22.2 +0.9		
L03A	Cave Junction	26.17 137	↑P	P	14 57 15.1 +0.1	MNRC	McLaughlin Nat	29.53 138	↑P	P	14 57 45.7 +0.6	ISA	Isabella	33.70 134	P	P	14 58 22.0 +0.1		
O08A	Drewsey	26.22 127	↑P	P	14 57 15.8 +0.2	REDW	Red Top Meadow	29.53 118	eP	P	14 57 45.6 +0.5	EYMN	Ely	33.96 92	eP	P	14 58 23.0 -1.0		
J06A	Christmas Vall	26.27 130	↑P	P	14 57 16.1 +0.1	TIXI	Tiksi	29.58 320	eP	P	14 57 45.1 -0.2	T13A	Saint George	33.97 127	↑P	P	14 58 24.3 +0.2		
E15A	Deer Lodge	26.27 116	↑P	P	14 57 15.8 -0.1	TIXI	Tiksi	29.58 320	eP	P	14 57 43.9 -1.4	PKM	Peak Mountain	34.00 137	↑P	P	14 58 24.9 +0.5		
H10A	Noah's Angus R	26.28 124	↑P	P	14 57 15.9 -0.1	TIXI	Tiksi	29.58 320	eP	P	14 57 52.1	LRMC	Laurel Mountai	34.12 133	P	P	14 58 26.3 +0.8		
M01C	Crescent City	26.30 138	↑P	P	14 57 16.6 +0.3	TIXI	comp=Z,10.0nm,1.3s,mb4.4					SHOC	Shoshone	34.18 131	↑P	P	14 58 26.7 +0.6		
K04A	Chilquín	26.33 133	↑P	P	14 57 16.8 +0.3	TIXI	comp=Z,231nm,14.0s,MS4.0					T14A	Hurricane	34.22 126	P	P	14 58 27.1 +0.8		
J07A	Hines	26.44 129	↑P	P	14 57 17.6 0.0	P05C	Yuba Gap, Truc	29.69 135	↑P	P	14 57 46.1 -0.4	U12A	Valley of Fire	34.28 129	P	P	14 58 27.4 +0.5		
H11A	Donnelly	26.44 123	P	P	14 57 17.2 -0.3	M12A	Wells	29.70 125	P	P	14 57 47.9 +1.3	SBC	Santa Barbara	34.45 137	↑P	P	14 58 29.1 +0.7		
O09A	Lost Marbles R	26.46 126	↑P	P	14 57 17.5 -0.1	NSHM	Saint Helena R	29.81 138	eP	P	14 57 47.6 -0.1	V11A	Goodspings	34.52 130	P	P	14 58 29.4 +0.5		
K05A	Summer Lake	26.50 132	↑P	P	14 57 18.3 +0.3	Q03C	Winters	29.88 137	↑P	P	14 57 48.5 +0.3	GSC	Goldstone	34.56 132	P	P	14 58 30.0 +0.7		
F14A	Wisdom	26.50 118	↑P	P	14 57 18.1 +0.1	Q04C	Lincoln	29.88 136	↑P	P	14 57 48.2 -0.1	EDW2	Edwards Air Fo	34.57 134	P	P	14 58 29.6 +0.2		
K06A	Valley Falls	26.64 131	P	P	14 57 20.1 +0.8	W0CN	Washoe City	29.96 133	↑P	P	14 57 49.3 +0.3	ISCO	Idaho Springs	34.61 115	eP	P	14 58 29.7 0.0		
L04A	Klamath Falls	26.68 134	↑P	P	14 57 20.0 +0.4	O09A	Fish Creek Ran	30.02 129	↑P	P	14 57 49.8 +0.4	ISCO	Idaho Springs	34.61 115	eP	P	14 58 29.7 0.0		
H10A	Payette	26.69 125	↑P	P	14 57 19.9 +0.2	M13A	Montello	30.02 124	↑P	P	14 57 49.6 +0.1	ISCO	comp=Z,3.0nm,0.7s,mb4.3						
J08A	Circle Bar Ran	26.74 128	P	P	14 57 20.9 +0.7	O10A	Cortez Mining,	30.14 128	↑P	P	14 57 51.0 +0.5	V12A	Nelson	34.81 129	P	P	14 58 32.5 +1.0		
G13A	Cobalt	26.77 120	P	P	14 57 20.9 +0.5	N12A	Clover Valley,	30.15 126	↑P	P	14 57 51.2 -0.2	ECS2	EROS,Sioux Fal	35.06 101	eP	P	14 58 32.3 -1.2		
F15A	Butte	26.81 117	↑P	P	14 57 20.9 +0.1	LAVA	Lava Cap Winer	30.15 135	↑P	P	14 57 50.2 -0.4	HEC	Hector,Ludlow	35.15 132	↑P	P	14 58 34.7 +0.4		
YBH	Yreka Blue Hor	26.82 136	eP	P	14 57 21.5 +0.6	ELK	Elko	30.18 126	eP	P	14 57 51.6 +0.8	W12A	Gal Nev Ari	35.20 130	↑P	P	14 58 35.1 +0.3		
YBH	Yreka Blue Hor	26.82 136	eP	P	14 57 21.5 +0.5	ELK	Elko	30.18 126	eP	P	14 57 51.6 +0.8	BFSC	Mount Baldy St	35.27 134	P	P	14 58 36.4 +1.0		
YBH	Yreka Blue Hor	26.82 136	eP	P	14 57 21.6 +0.6	M14A	Sheep Mountain	30.19 123	↑P	P	14 57 51.1 +0.2	GMRC	Granite Mount	35.41 131	P	P	14 58 37.2 +0.6		
G14A	Jackson	26.94 119	↑P	P	14 57 22.0 0.0	ULM	Lac du Bonnet	30.33 93	P	P	14 57 50.9 -1.2	W13A	Hualapai Mount	35.71 129	P	P	14 58 40.0 +0.8		
J09A	Fry Pan Ranch,	27.00 127	P	P	14 57 23.2 +0.7	ULM	Lac du Bonnet	30.33 93	P	P	14 57 51.2 -0.9	MVCO	Mesa Verde	35.75 120	eP	P	14 58 39.5 -0.1		
H12A	Diamond D Ranch	27.00 121	P	P	14 57 22.9 +0.4	R05C	Kirkwood Meado	30.41 134	↑P	P	14 57 53.4 +0.5	CIS	Catalina Islan	35.81 136	↑P	P	14 58 40.7 +0.6		
M04C	Macdoel	27.05 134	P	P	14 57 23.8 +0.8	N13A	Wendover, West	30.45 124	↑P	P	14 57 53.5 +0.2	W14A	Seligman	35.88 128	P	P	14 58 41.6 +0.9		
K07A	Rock Creek Ran	27.07 130	↑P	P	14 57 23.3 +0.1	PDAR	Pinedale Arroy	30.54 117	P	P	14 57 54.8 +0.8	BELC	Belle Mtn.	36.02 132	↑P	P	14 58 42.1 +0.3		
M02C	Callahan	27.09 136	↑P	P	14 57 24.1 +0.7	PDAR	comp=Z,19nm,1.1s,mb4.6,baz=328,slow=5.3,SNR=40					IRM	Iron Mountain	36.15 131	P	P	14 58 43.9 +1.0		
L05A	Lakeview	27.13 133	↑P	P	14 57 24.1 +0.4	M15A	Larsen Ranch,	30.56 122	↑P	P	14 57 54.0 -0.2	SCI	San Clemente I	36.16 136	↑P	P	14 58 43.6 +0.5		
H11A	Placerville	27.15 124	↑P	P	14 57 23.5 -0.3	O11A	Cowboy Ranch,	30.57 127	P	P	14 57 55.2 +0.8	X13A	Yucca	36.19 129	P	P	14 58 44.0 +0.7		
H13A	Challis	27.21 121	P	P	14 57 24.6 +0.1	P07A	Schurz	30.59 132	↑P	P	14 57 54.8 +0.2	W15A	Williams	36.20 127	P	P	14 58 44.6 +1.2		
K08A	Mann Creek Ran	27.29 128	↑P	P	14 57 25.3 +0.2	P10A	Eureka	30.75 129	↑P	P	14 57 56.3 +0.3	WUAZ	Wupatki	36.21 125	eP	P	14 58 43.9 +0.5		
G15A	Dillon	27.38 118	↑P	P	14 57 26.1 +0.2	HWUT	Hardware Ranch	30.76 120	eP	P	14 57 56.1 +0.1	WUAZ	Wupatki	36.21 125	eP	P	14 58 44.0 +0.5		
M03C	McCloud	27.42 135	↑P	P	14 57 27.2 +0.8	R06C	Coleville	30.77 134	P	P	14 57 56.3 +0.2	PFO	Pinyon Flat Ob	36.23 133	↑P	P	14 58 44.0 +0.3		
MOD	Modoc	27.43 132	P	P	14 57 27.1 +0.7	CMB	Columbia Colle	30.92 135	eP	P	14 57 56.9 -0.6	PDMC	Parker Dam,Lak	36.35 130	↑P	P	14 58 45.0 +0.3		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.7 +0.5	CMB	Columbia Colle	30.92 135	eP	P	14 57 56.9 -0.6	SDCO	Great Sand Dun	36.43 116	eP	P	14 58 45.7 +0.4		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	CMB	comp=Z,4.0nm,1.2s,mb4.1					BC3	Big Chuck Wtn	36.51 132	↑P	P	14 58 46.4 +0.4		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	CMB	Columbia Colle	30.92 135	↑P	P	14 57 57.4 0.0	X14A	Yau	36.62 128	↑P	P	14 58 47.2 +0.2		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	Q08A	Gabbs	30.95 131	P	P	14 57 58.3 +0.6	109C	Camp Elliot, M	36.69 134	↑P	P	14 58 47.8 +0.2		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	Q08A	Gabbs	30.95 131	P	P	14 57 58.3 +0.6	Y12C	Blythe	36.73 130	↑P	P	14 58 48.4 +0.5		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	S04C	Ingram Canyon,	31.13 137	↑P	P	14 57 59.6 +0.3	X15A	Humboldt	36.83 127	↑P	P	14 58 49.1 +0.3		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	NVAR	Mina Array Bea	31.22 132	P	P	14 57 59.9 -0.1	Y13A	Salome	36.90 129	P	P	14 58 49.9 +0.5		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	NVAR	Mina Array Bea	31.22 132	P	P	14 57 59.9 -0.1	SWSC	Sam W. Stewart	37.05 133	↑P	P	14 58 50.9 +0.2		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	NVAR	Mina Array Bea	31.22 132	P	P	14 57 59.9 -0.1	Y14A	Wickenburg	37.07 128	P	P	14 58 51.5 +0.7		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	NVAR	Mina Array Bea	31.22 132	P	P	14 57 59.9 -0.1	DTVC	Desert V Tower	37.22 133	↑P	P	14 58 52.7 +0.5		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	S06C	San Francisco	31.23 135	P	P	14 58 00.4 +0.2	GLA	Glamis	37.27 131	↑P	P	14 58 52.7 +0.2		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	R07C	Lee Vining	31.29 133	P	P	14 58 01.7 +1.0	Z14A	Wintersburg	37.61 129	P	P	14 58 56.3 +0.9		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	R08A	Mina	31.36 132	↑P	P	14 58 01.8 +0.5	CBKS	Cedar Bluff	37.83 109	eP	P	14 58 57.1 -0.1		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	P12A	McGill	31.42 127	P	P	14 58 02.3 +0.5	CBKS	Cedar Bluff	37.83 109	eP	P	14 58 57.1 -0.1		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	Q10A	Clear Creek Ra	31.49 129	P	P	14 58 03.4 +0.9	CBKS	Cedar Bluff	37.83 109	eP	P	14 58 57.1 -0.1		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	DUG	Dugway	31.53 123	eP	P	14 58 03.0 +0.2	CBKS	Cedar Bluff	37.83 109	eP	P	14 58 57.1 -0.1		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	DUG	Dugway	31.53 123	eP	P	14 58 03.0 +0.2	115A	Sonoran Desert	38.46 128	eP	P	14 59 03.8 +1.2		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	DUG	Dugway	31.53 123	eP	P	14 58 03.0 +0.2	JFWS	Jewell Farm	38.46 96	eP	P	14 59 01.0 -1.5		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	DUG	Dugway	31.53 123	eP	P	14 58 03.1 +0.3	JFWS	Jewell Farm	38.46 96	eP	P	14 59 01.0 -1.5		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	DUG	Dugway	31.53 123	eP	P	14 58 03.1 +0.3	JFWS	Jewell Farm	38.46 96	eP	P	14 59 01.0 -1.5		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	DUG	Dugway	31.53 123	eP	P	14 58 03.1 +0.3	JFWS	Jewell Farm	38.46 96	eP	P	14 59 01.0 -1.5		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	DUG	Dugway	31.53 123	eP	P	14 58 03.1 +0.3	JFWS	Jewell Farm	38.46 96	eP	P	14 59 01.0 -1.5		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	DUG	Dugway	31.53 123	eP	P	14 58 03.1 +0.3	JFWS	Jewell Farm	38.46 96	eP	P	14 59 01.0 -1.5		
WVOR	Wild Horse Val	27.50 129	eP	P	14 57 27.6 +0.5	DUG	Dugway	31.53 123	eP	P	14 58 03.1 +0.3	JFWS	Jewell Farm	38.4					



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MALT, QIZ, QIZ2, QIZ3, TAPN, KKN, GKN, ODAN, CM31, BOSA, VNSA, VNSA2, VNSA3, VNSA4, VNSA5, VNSA6, VNSA7, VNSA8, VNSA9, VNSA10, VNSA11, VNSA12, VNSA13, VNSA14, VNSA15, VNSA16, VNSA17, VNSA18, VNSA19, VNSA20.

ISCJB 17 14:59:12.5:0.5, 5796S:007-596W.02, h0km, mb4.4/12, MS4.0/9, Error ellipse: s-maj=15.0km s-min=8.6km

IDC 17 14:59:12.3:0.7, 5794S:5936W, h0km, mb4.3/7, mb1 4.4/9, mb1mx4.3/16, mbtmp4.3/9, MS4.0/9, MS1 4.0/9, ms1mx3.7/21, Error ellipse: s-maj=29.5km s-min=18.0km az=65.0

NEIC 17 14:59:13.8:0.3, 5803S:5946W, h10km, mb4.7/5, Error ellipse: s-maj=11.8km s-min=8.2km az=67.0

BUI 17 14:59:15.8, 5800S:5950W, h10km, MSz.0

ISC 17 14:59:14.1:0.5, 5799S:007-597W.02, h10km, n60, c089/24, mb4.4/12, MS4.0/9, Drake Passage

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like USHA, USHA2, USHA3, USHA4, USHA5, USHA6, USHA7, USHA8, USHA9, USHA10, USHA11, USHA12, USHA13, USHA14, USHA15, USHA16, USHA17, USHA18, USHA19, USHA20.

East Falkland 6.39 9 ePn Pn 15 00 48.5 +0.4

PMSA Palmer Station 7.13 195 ePn Pn 15 00 57.8 -0.4

PMSA Palmer Station 7.13 195 Pn Pn 15 02 12.9 -6.2

PMSA Neumayer-Olymp 24.28 143 ePn Pn 15 04 31.5 +0.6

VNA3 Neumayer-Stat 24.68 141 ePn Pn 15 04 35.6 +1.1

VNA3 Neumayer-Watz 24.99 142 ePn Pn 15 04 37.5 +0.2

VNA2 Neumayer-Watz 24.99 142 ePn Pn 15 04 37.5 +0.2

SANAE Sanae 26.49 144 ePn Pn 15 04 50.9 -0.1

CFAA Coronel Fontan 27.02 344 P P 15 04 55.9 -0.3

CFAA Coronel Fontan 27.02 344 P P 15 04 55.9 -0.3

SIV San Ignacio 41.94 358 P P 15 07 04.3 -0.4

LPZ La Paz 42.10 348 LR LR 15 27 04.9

VNSA Vanda 42.33 192 LR LR 15 22 43.3

MAW Mawson 47.79 154 LR LR 15 26 15.5

OTAV Otavalo 59.94 338 ePn Pn 15 09 22.9 +2.6

RKT Rikitea 62.95 269 eLR LR 15 28 26.5

BOSA Boshof 63.60 102 P P 15 09 44.6 -0.3

BOSA Boshof 63.60 102 P P 15 09 44.6 -0.3

ROSC El Rosal 63.74 344 LR LR 15 36 44.2

LBTB Lobatse 66.69 100 ePn Pn 15 10 03.8 -1.1

TSUM Tsumeb 67.18 90 ePn Pn 15 10 07.4 -0.7

JTS JuntasAbangare 71.11 334 ePn Pn 15 10 32.4 +0.1

PPT Papeete 75.24 261 eLR LR 15 34 07.1

PPT Papeete 75.24 261 LR LR 15 35 37.9

LSZ Lusaka 76.06 96 ePn Pn 15 11 01.4 -0.2

TAOE Nuku Hiva Isia 77.50 273 eLR LR 15 35 12.3

TORD Torodi Ar. Bea 86.71 59 P P 15 11 56.7 -1.2

TORD Torodi Ar. Bea 86.71 59 P P 15 11 56.7 -1.2

TORD Torodi Ar. Bea 86.71 59 P P 15 11 56.7 -1.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV, SONM, ZALV2, ZALV3, ZALV4, ZALV5, ZALV6, ZALV7, ZALV8, ZALV9, ZALV10, ZALV11, ZALV12, ZALV13, ZALV14, ZALV15, ZALV16, ZALV17, ZALV18, ZALV19, ZALV20.

ISCJB 17 15:01:13.7:0.5, 4056N:003-2872E.003, h0km, 6km, Error ellipse: s-maj=5.1km s-min=4.0km az=32.6

CSEM 17 15:01:13.3:0.1, 4056N:2873E, h5km, MD2.8, Error ellipse: s-maj=1.7km s-min=1.3km az=17.0

ISK 17 15:01:13.6, 4057N:2873E, h5km, MD2.8

DDA 17 15:01:14.6, 4053N:2872E, h10km, jkm, MD2.7

ISC 17 15:01:14.2:0.5, 4056N:003-2871E.004, h6km, 5km, n33, c064/46, 1D, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GEMT, GEMT2, GEMT3, GEMT4, GEMT5, GEMT6, GEMT7, GEMT8, GEMT9, GEMT10, GEMT11, GEMT12, GEMT13, GEMT14, GEMT15, GEMT16, GEMT17, GEMT18, GEMT19, GEMT20.

IDC 17 15:21:36.0:0.9, 279S:13806E, h0km, mb4.1/7, mb1 4.3/10, mb1mx4.2/14, mbtmp4.2/10, ML3.8/3, MS3.9/3, MS1 3.9/3, ms1mx3.5/20, Error ellipse: s-maj=48.2km s-min=15.4km az=71.0

ISCJB 17 15:21:37.4:0.4, 279S:004:13848E:009, h30km, mb4.3/19, MS3.9/2, Error ellipse: s-maj=13.3km s-min=9.9km az=75.5

NEIC 17 15:21:40.1:0.5, 278S:13828E, h30km, mb4.5/10, Error ellipse: s-maj=16.6km s-min=8.4km az=81.0

BUI 17 15:21:40.0, 280S:13830E, h30km, mb4.4

ISC 17 15:21:40.1:0.1, 281S:006:13829E.010, h38km, 15km, n37, c1920/38, mb4.3/19, MS3.9/2, 1C, Irian Jaya

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, KAKA, COEN, WB2, WRA, WRA2, WRA3, WRA4, WRA5, WRA6, WRA7, WRA8, WRA9, WRA10, WRA11, WRA12, WRA13, WRA14, WRA15, WRA16, WRA17, WRA18, WRA19, WRA20.

WRA Warramunga Arr 17.46 192 P P 15 25 40.1 -1.6

GUA Guam 17.55 22 LR LR 15 20 46.6

CTA Charters Tower 18.85 156 P P 15 26 00.3 +1.7

FITZ Fitzroy Crossi 19.62 218 ePn Pn 15 26 07.3 -0.6

FITZ Fitzroy Crossi 19.62 218 Pn Pn 15 29 42.5 -3.3

ASAR Alice Springs 21.16 191 S S 15 26 23.0 0.0

ASAR Alice Springs 21.16 191 S S 15 26 23.0 0.0

KKM Kota Kinabalu 23.74 292 P P 15 26 54.2 +4.2

MBWA Marble Bar 25.67 223 ePn Pn 15 27 10.0 +2.5

STKA Stephens Creek 29.08 174 P P 15 27 37.5 -0.4

CBIJ Chichi jima 29.97 7 LR LR 15 37 06.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORD, TORD2, TORD3, TORD4, TORD5, TORD6, TORD7, TORD8, TORD9, TORD10, TORD11, TORD12, TORD13, TORD14, TORD15, TORD16, TORD17, TORD18, TORD19, TORD20.

IDC 17 15:33:53.0:2.1, 118N:12640E, h0km, mb3.1/3, mb1 3.4/3, mb1mx3.2/6, mbtmp3.2/3, Error ellipse: s-maj=172.6km s-min=26.6km az=65.0, Northern Molucca Sea

WRA Warramunga Arr 22.39 160 P P 15 23 52.0 -1.1

ASAR Alice Springs 25.75 164 P P 15 29 26.6 +1.1

MKAR Makanchi Array 59.46 326 P P 15 43 57.6 0.0

IDC 17 15:39:25.9:3.9, 256S:13983E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/12, mbtmp3.5/4, MS3.1/1, MS1 3.1/1, ms1mx2.7/20, Error ellipse: s-maj=135.7km s-min=25.6km az=94.0, Near north coast of Irian Jaya

PMG Port Moresby 9.96 133 LR LR 15 46 31.0

KAKA Kakadu 12.46 216 ePn Pn 15 42 19.2 -5.4

WRA Warramunga Arr 18.09 197 P Pn 15 43 35.5 -3.2

FITZ Fitzroy Crossi 20.79 221 ePn Pn 15 44 09.7 +0.8

FITZ Fitzroy Crossi 20.79 221 P P 15 45 09.1 +0.3

ASAR Alice Springs 21.75 195 P P 15 44 19.1 0.0

SONM Songoing Array 58.07 334 P P 15 49 21.9 +1.0

MKAR Makanchi Array 70.36 327 P P 15 50 40.8 -0.8

IDC 17 15:46:19.9:59.0, 1741S:17533W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/14, mbtmp4.0/3, MS3.1/1, MS1 3.1/1, ms1mx2.7/22, Error ellipse: s-maj=102.0km s-min=170.0km az=80.0, Tonga Islands

PPT Papeete 24.56 94 LR LR 15 58 45.2

STKA Stephens Creek 41.45 241 P P 15 54 09.2 +0.6

WRA Warramunga Arr 47.61 259 P P 15 54 57.8 -0.2

ASAR Alice Springs 47.75 254 P P 15 54 58.6 -0.4

IDC 17 15:59:04.8:6.6, 660S:15193E, h46km, 51km, mb3.5/4, mb1 3.7/6, mb1mx3.4/16, mbtmp3.6/5, Error ellipse: s-maj=64.9km s-min=27.4km az=6.0, New Britain region

PMG Port Moresby 5.49 239 Op Pn 16 00 25.8 +1.8

PMG Port Moresby 5.49 239 Op Pn 16 01 25.5 -0.4

DZM Mont Dzumac 21.00 139 P P 16 03 41.9 -0.6

WRA Warramunga Arr 21.62 320 P P 16 03 51.0 0.0

WRA Warramunga Arr 21.62 320 P P 16 04 04.7 +2.4

ASAR Alice Springs 24.25 259 P P 16 04 18.9 +1.2

ASAR Alice Springs 24.25 259 P P 16 04 31.9 +2.2

FITZ Fitzroy Crossi 26.07 244 P P 16 04 51.6 -0.6

TORD Torodi Ar. Bea 149.98 285 PKPbc PKPbc 16 18 50.9 -0.5

ISCJB 17 15:59:06.4:3.1, 121S:02:1663E.02, h56km, 22km, mb3.7/6, MS2.9/2, Error ellipse: s-maj=42.1km s-min=19.4km az=154.6

IDC 17 15:59:08.3:4.4, 1200S:16627E, h56km, 32km, mb3.6/6, mb1 3.8/8, mb1mx3.6/18, mbtmp3.8/8, ML4.3/2, MS3.1/4, MS1 3.1/4, ms1mx2.9/20, Error ellipse: s-maj=41.5km s-min=29.5km az=82.0

ISC 17 15:59:08.5:2.6, 120S:02:1663E.02, h61km, 18km, n11, c094/8, mb3.7/6, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR2, HNR3, HNR4, HNR5, HNR6, HNR7, HNR8, HNR9, HNR10, HNR11, HNR12, HNR13, HNR14, HNR15, HNR16, HNR17, HNR18, HNR19, HNR20.



ISC 17 19:03:26.3,0.4,4379N,003.10520W,004,h0km,n81,  
#088&RD,m3.7/3,16C-17D,Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists various stations like RSSD Black Hills, PHWV Pilot Hill, RWWY Rawlins, etc.

MKAR Makanchi Array 89.56 355 P P 19 16 24.2 -1.2  
0.3nm,0.7s,m3.6,baz=360,slow=4.3,SNR=4.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like MEX 17 19:34:49.7,0.7,1927N,1.0257W, etc.

IDC 17 19:42:48.2,7.6,616S-14667E,h75km,69km,mb2.9/2,  
mb1.3/2.4,mb1mx2.9/1.5,mbtmp3.0/4,ML2.8/2,Error  
ellipse: s-maj=56.8km s-min=53.7km az=126.0,Eastern  
New Guinea region

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

NEIC 17 19:46:12.0,16.17N-97.29W,h16km,MD3.7(MEX),After  
MEX.

MEX 17 19:46:11.8,1.1,1617N-97.29W,h17km,18km,MD3.7,  
Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like PNIG Pinotepa, VHO Vista Hermosa, etc.

IDC 17 19:50:29.6,3.9,227S-15109E,h0km,mb3.3/2,mb1.3/5/2,  
mb1mx3.1/1.4,mbtmp3.2/2,Error ellipse:  
s-maj=162.1km s-min=49.4km az=113.0,New Ireland  
region

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

IDC 17 20:00:47.9,4.8,909S-12248E,h72km,48km,mb4.0/4,  
mb1.4/2.7,mb1mx3.9/1.6,mbtmp4.1/7,ML4.4/3,Error  
ellipse: s-maj=87.1km s-min=23.3km az=63.0  
ISCJBJ 17 20:00:51.1,1.3,929S-007.7,1226E.01,h132km,14km,  
mb4.2/1.8,Error ellipse: s-maj=18.8km s-min=8.2km  
az=147.7

NEIC 17 20:00:51.5,1.3,930S-12252E,h116km,15km,mb4.3/1/1,  
Error ellipse: s-maj=17.1km s-min=8.7km az=61.0  
ISC 17 20:00:52.2,1.4,936S-008-1226E.01,h127km,15km,n34,  
#093/33,mb4.3/18,Savu Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like FITZ Fitzroy Crossi, KAKA Kakadu, etc.

ARU Arti 83.92 330 P P 20 13 08.4 +0.8  
comp=Z,1.8nm,0.6s,mb4.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, etc.

IDC 17 20:10:39.0,8.9,3675N-7154E,h79km,76km,mb3.4/6,  
mb1.3/6.9,mb1mx3.3/2.3,mbtmp3.5/9,ML3.7/3,Error  
ellipse: s-maj=54.7km s-min=21.3km az=29.0  
MOS 17 20:10:40.7,1.0,3693N-7149E,h106km,mb3.7/1,Error  
ellipse: s-maj=17.2km s-min=9.2km az=68.3  
ISCJBJ 17 20:10:42.0,4.0,370N-002.7170E,0.05,h120km,6km,  
mb3.6/6,Error ellipse: s-maj=6.5km s-min=3.6km az=1.8  
NEIC 17 20:10:43.0,7.6,3701N-7167E,h116km,6km,mb4.6/5,  
Error ellipse: s-maj=8.4km s-min=7.0km az=114.0  
BUJ 17 20:10:44.3,3692N-7184E,h89km,mb4.2  
NINC 17 20:10:51.2,9.1,3772N-7136E,h217km,96km,mb2.6,  
mp3.6,Error ellipse: s-maj=87.9km s-min=42.3km az=9.0  
ISC 17 20:10:43.7,0.3,3700N-002.7171E,0.05,h117km,6km,  
n63,#19182,mb3.6/6,10C-1D,Afghanistan-Tajikistan  
border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like CEP Cherat, KBL Kabul, etc.

KSH comp=N,507nm,0.5s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like SBDP Sheikh Budin, AML Almayashu, etc.

comp=Z,3.7nm,0.4s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like KK31 Karatay Array, KKAR Karatay Array, etc.

comp=Z,5.0nm,0.2s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like KBK Karagaybulak, ULHL Ulaho, etc.

comp=Z,2.4nm,0.6s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like JOSI Joshimath, KHET Khetri, etc.

comp=Z,8.3nm,0.2s

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

comp=Z,7.6nm,0.2s

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

comp=Z,1.4nm,0.8s

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











Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SONM Songio Array, SEY Seymchan, SHL Shilling, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like TKM2 Tokmak 2, KZK Kyzart, KBK Karagaybulak, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MTUM Tungsten Hills, HAWA Hawa, EDW2 Edwards Air Fo, etc.



18d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIB, IBAF, IKLH, ASHU, etc.

ISCJB 18 01:12:37.5-0.7, 11.19N-003:61.86W, 0.04, h75km, 8km, Error ellipse: s-maj=7.0km s-min=4.9km az=31.0

TRN 18 01:12:39.6, 11.32N-61.72W, h5km, MD2.7 NEIC 18 01:12:39.6, 11.32N-61.72W, h5km, MD2.7 (TRN), After TRN.

FUNV 18 01:12:40.4, 11.15N-61.83W, h48km, MW2.6 ISC 18 01:12:39.7-0.7, 11.20N-003:61.86W, 0.04, h65km, 10km, n20, -0.88B/34, 2C, Windward Islands

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

ISCJB 18 01:13:19.2:1.1, 31.70N-006:11.59W, 0.05, h25km, 6km, Error ellipse: s-maj=11.1km s-min=5.7km az=151.6

ECX 18 01:13:20.2:0.4, 31.71N-11.59W, h8km, MD2.6, ML2.7 ISC 18 01:13:19.2:1.1, 31.70N-006:11.59W, 0.05, h19km, 9km, n13, -0.85E/24, 9C-70, Baja California

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

2007 FEB

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

MEX 18 01:23:01.7:1.2, 19.44N-104.40W, h7km, 14km, MD3.6, Near coast of Jalisco

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

MOS 18 01:36:08.0:1.5, 34.21N-27.40E, h29km, mb4.1/3, Error ellipse: s-maj=11.2km s-min=5.4km az=118.3

IDC 18 01:36:10.0:1.0, 34.72N-27.31E, h0km, mb3.8/12, mb1 3.8/18, mb1mx3.8/26, mbtmp3.8/18, ML3.7/6, MS3.4/1, Ms1 3.4/1, ms1mx2.4/35, Error ellipse: s-maj=20.5km s-min=15.1km az=175.0

CSEM 18 01:36:12.4:0.1, 34.55N-27.37E, h60km, mb4.0/2, Ms2.8, Mw3.2, Error ellipse: s-maj=3.1km s-min=1.1km az=35.0

ISCJB 18 01:36:13.2:0.3, 34.58N-002:27.53E, 0.03, h65km, 5km, mb3/18, Error ellipse: s-maj=4.6km s-min=2.8km az=44.1

HLW 18 01:36:15.4, 34.68N-27.75E, h33km, Mb4.1 DDA 18 01:36:18.2, 35.12N-27.44E, h5km, 4km, MD3.7 Gil 18 01:36:21.0:0.0, 33.94N-28.02E, h0km, 1km, ML3.3/4, Mw3.2/4

ATH 18 01:36:22.7, 35.58N-26.85E, h56km, 3km, MD3.6/7 NEIC 18 01:36:23.0, 35.27N-26.78E, h10km, mb3.9/3, ML3.6(ATH), After ATH.

ISC 18 01:36:14.4:0.3, 34.58N-002:27.44E, 0.03, h51km, 4km, n163, e192N/193, mb3.8/18, 7D, Eastern Mediterranean Sea

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

ISCJB 18 01:12:37.5-0.7, 11.19N-003:61.86W, 0.04, h75km, 8km, Error ellipse: s-maj=7.0km s-min=4.9km az=31.0

TRN 18 01:12:39.6, 11.32N-61.72W, h5km, MD2.7 NEIC 18 01:12:39.6, 11.32N-61.72W, h5km, MD2.7 (TRN), After TRN.

FUNV 18 01:12:40.4, 11.15N-61.83W, h48km, MW2.6 ISC 18 01:12:39.7-0.7, 11.20N-003:61.86W, 0.04, h65km, 10km, n20, -0.88B/34, 2C, Windward Islands

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

ISCJB 18 01:13:19.2:1.1, 31.70N-006:11.59W, 0.05, h25km, 6km, Error ellipse: s-maj=11.1km s-min=5.7km az=151.6

ECX 18 01:13:20.2:0.4, 31.71N-11.59W, h8km, MD2.6, ML2.7 ISC 18 01:13:19.2:1.1, 31.70N-006:11.59W, 0.05, h19km, 9km, n13, -0.85E/24, 9C-70, Baja California

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

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

MEX 18 01:23:01.7:1.2, 19.44N-104.40W, h7km, 14km, MD3.6, Near coast of Jalisco

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

MOS 18 01:36:08.0:1.5, 34.21N-27.40E, h29km, mb4.1/3, Error ellipse: s-maj=11.2km s-min=5.4km az=118.3

IDC 18 01:36:10.0:1.0, 34.72N-27.31E, h0km, mb3.8/12, mb1 3.8/18, mb1mx3.8/26, mbtmp3.8/18, ML3.7/6, MS3.4/1, Ms1 3.4/1, ms1mx2.4/35, Error ellipse: s-maj=20.5km s-min=15.1km az=175.0

CSEM 18 01:36:12.4:0.1, 34.55N-27.37E, h60km, mb4.0/2, Ms2.8, Mw3.2, Error ellipse: s-maj=3.1km s-min=1.1km az=35.0

ISCJB 18 01:36:13.2:0.3, 34.58N-002:27.53E, 0.03, h65km, 5km, mb3/18, Error ellipse: s-maj=4.6km s-min=2.8km az=44.1

HLW 18 01:36:15.4, 34.68N-27.75E, h33km, Mb4.1 DDA 18 01:36:18.2, 35.12N-27.44E, h5km, 4km, MD3.7 Gil 18 01:36:21.0:0.0, 33.94N-28.02E, h0km, 1km, ML3.3/4, Mw3.2/4

ATH 18 01:36:22.7, 35.58N-26.85E, h56km, 3km, MD3.6/7 NEIC 18 01:36:23.0, 35.27N-26.78E, h10km, mb3.9/3, ML3.6(ATH), After ATH.

ISC 18 01:36:14.4:0.3, 34.58N-002:27.44E, 0.03, h51km, 4km, n163, e192N/193, mb3.8/18, 7D, Eastern Mediterranean Sea

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

ISCJB 18 01:12:37.5-0.7, 11.19N-003:61.86W, 0.04, h75km, 8km, Error ellipse: s-maj=7.0km s-min=4.9km az=31.0

TRN 18 01:12:39.6, 11.32N-61.72W, h5km, MD2.7 NEIC 18 01:12:39.6, 11.32N-61.72W, h5km, MD2.7 (TRN), After TRN.

FUNV 18 01:12:40.4, 11.15N-61.83W, h48km, MW2.6 ISC 18 01:12:39.7-0.7, 11.20N-003:61.86W, 0.04, h65km, 10km, n20, -0.88B/34, 2C, Windward Islands

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

ISCJB 18 01:13:19.2:1.1, 31.70N-006:11.59W, 0.05, h25km, 6km, Error ellipse: s-maj=11.1km s-min=5.7km az=151.6

ECX 18 01:13:20.2:0.4, 31.71N-11.59W, h8km, MD2.6, ML2.7 ISC 18 01:13:19.2:1.1, 31.70N-006:11.59W, 0.05, h19km, 9km, n13, -0.85E/24, 9C-70, Baja California

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



SONM comp=Z,1.0nm,0.6s,mb3.7,baz=271,slow=9.6,SNR=4.9
Songo Array 58.40 51 P P 01 46 07.8 +3.3
SCHO Schefferville 64.84 320 P P 01 46 49.1 +1.4

ISCJB 18 01:56:44.0.4, 3688N.002x12164W.004, h20km,4km,
Error ellipse: s-maj=5.2km s-min=3.6km az=145.1
NEIC 18 01:56:44.2, 3689N.12163W, h8km, MD2.8(NCEDCC),
After NCEDC.

NEIC Felt [I] at Aromas. Felt at San Juan Bautista, Santa Cruz
and Watsonville.
ISC 18 01:56:43.9.0.4, 3686N.002x12163W.003, h16km,3km,
n24, o072/42, 14C-17, Central California

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Rows include stations like San Andreas Ge, Pacheco Peak, UC Hastings Re, Eagle Field, D, etc.

BJI 18 02:06:38.8, 6080N.16560E, h10km, mb4.7, mb4.4, Ms4.5,
Ms4.2
IDC 18 02:06:40.5.0.6, 6080N.16551E, h0km, mb3.8/1.4,
mb1.4/0.14, mb1mx3.9/25, mbtmp3.8/14, Error ellipse:
s-maj=26.6km s-min=16.7km az=172.0

ISCJB 18 02:06:41.2.3.6, 6080N.16554E.009, h17km, 25km,
mb4.0/27, Error ellipse: s-maj=18.4km s-min=7.0km
az=170.2

MOS 18 02:06:41.1.0.9, 6075N.16555E, h17km, mb4.3/6, Error
ellipse: s-maj=19.2km s-min=11.8km az=108.8
NEIC 18 02:06:41.9.0.4, 6082N.16556E, h10km, mb4.2/11, Error
ellipse: s-maj=13.5km s-min=5.4km az=176.0

ISC 18 02:06:44.7.3.8, 6080N.16560E.009, h28km, 26km, n44,
o078/45, mb4.0/27, 3C-1D, Eastern Siberia

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Rows include stations like Seymchan, Bilibino, Magadan, Yakutsk, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Rows include stations like Teton Pass, Lohw, NVAR, PDAR, SRU, etc.

ISCJB 18 02:08:30.8.2.5, 3145S.007x1783W.02, h15km, 17km,
mb4.2/5, Error ellipse: s-maj=32.3km s-min=10.1km
az=10.5

IDC 18 02:08:36.5.6.7, 3143S.17821W, h54km, 59km, mb4.0/5,
mb1.4/2.7, mb1mx4.0/15, mbtmp4.1/7, ML4.0.2, MS3.2/1,
Ms1.3/2/1, ms1mx2.6/27, Error ellipse: s-maj=41.7km
s-min=29.4km az=17.0

ISC 18 02:08:31.5.2.8, 3137S.007x1783W.02, h9km, 20km, n22,
o122/19, mb4.2/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Rows include stations like Matakaoa Point, Puketiti, Matawai, etc.

IDC 18 02:21:26.7.1.3, 5709S.2706W, h0km, mb4.9/2, mb1.5/0.2,
mb1.2/4.2/12, mbtmp4.9/27, Error ellipse: s-maj=63.0km
s-min=39.2km az=7.0

NEIC 18 02:21:52.6.0.7, 5647S.2734W, h200km, mb3.1/2, Error
ellipse: s-maj=35.7km s-min=20.7km az=182.0, South
Sandwich Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Rows include stations like Neumayer Olymp, Neumayer-Watz, etc.

ellipse: s-maj=33.3km s-min=27.7km az=172.0
ISC 18 02:37:38.4.0.6, 4257N.0.05, 14451E.005, h4km, 4km,
n35, o089/48, mb3.7/8, 2C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Rows include stations like Akkeshi, Onbets, Chubets, etc.

IDC 18 02:45:36.2.64.0, 1607S.17688W, h0km, mb3.9/3,
mb1.4/1.3, mb1mx3.6/16, mbtmp3.9/3, Error ellipse:
s-maj=119.20km s-min=164.9km az=78.0, Fiji Islands
region

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

IDC 18 02:51:00.4.2.2, 199N.12754E, h0km, mb3.4/3, mb1.2/3.6/3,
mb1mx3.3/16, mbtmp3.4/3, MS3.9/1, Ms1.3/9/1,
ms1mx3.0/11, Error ellipse: s-maj=174.3km
s-min=24.0km az=07.0, Hawaiian region

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

NIED 18 02:54:00.4430N.14880E, h65km, Mw4.2 Best double
couple: M2.57000x1015 NP1.0x3.00000, 824.00000,
lambda119.00000, NP2.0x152.00000, delta70.00000, lambda78.00000,
BJI 18 02:54:46.6, 4490N.14870E, h10km, mb4.6, mb4.7, Ms4.1,
Ms4.0

NEIC 18 02:54:46.6.0.3, 4489N.14874E, h10km, mb4.4/13, Error
ellipse: s-maj=12.6km s-min=6.3km az=148.0

JMA 18 02:54:51.9.0.4, 4435N.1481E, h30km, Ms4.9
MOS 18 02:54:51.3.1.4, 4470N.14870E, h73km, mb4.3/6, Error
ellipse: s-maj=11.1km s-min=9.1km az=68.2

ISCJB 18 02:54:51.6.0.6, 4466N.0.04x14872E.06, h72km, 5km,
mb4.1/35, Error ellipse: s-maj=9.0km s-min=4.9km
az=135.9

IDC 18 02:54:51.7.4.3, 4477N.14860E, h55km, 40km, mb3.8/15,
mb1.4/0.17, mb1mx3.9/25, mbtmp3.8/17, ML3.8/2, MS3.1/6,
Ms1.3/1/6, ms1mx2.9/32, Error ellipse: s-maj=19.5km
s-min=15.0km az=136.0

SKHL 18 02:54:52.3.0.2, 4473N.14885E, h56km, 3km, mb5.4/3
ISC 18 02:54:53.0.0.6, 4466N.0.04x14871E.006, h67km, 5km,
n109, o1523/131, mb4.1/35, 3C, Kuril Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Rows include stations like Kuril'sk, Nemuro 2, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Molln, Urewera, South Karori, Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Urewera, South Karori, Rata Peaks, etc.

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

NEIC 18 03:30:19.8, 4241Sx16968E, h5km, ML3.8(WEL), After WEL

WEL 18 03:30:21.5, 0.4, 4250S, 16982E, h5km, ML3.7/10, Error ellipse: s-maj=3.1km s-min=2.5km az=90, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Waitaha Valley, Fox Glacier, Rata Peaks, etc.

NIED 18 04:20:00, 2380N, 12550E, h8km, Mw3.7 Best double couple: M4.00000, 1014, NP1=190.00000, 376.00000, 1.75.00000, NP2=281.00000, 885.00000, 1.14.00000, JMA 18 04:20:08.2, 0.2, 2378N, 12546E, h57km, M3.6, Southwestern Rhyku Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Gusuokube, Miyako jima 2, Tarama, etc.

ISC 18 05:35:54.1, 1.8, 3272Sx178.15W, h0km, mb4.3/3, mb1.4/4, mb1mx4.1/14, mbtmp4.3/4, ML3.9/1, Error ellipse: s-maj=38.6km s-min=34.8km az=103, ISC 18 05:36:09.3, 1.4, 3252S, 010.1796W, h2, h35km, n10, 0584/8, mb4.2/3, South of Kermadec Islands

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

ISC 18 06:10:13.0, 5.4, 3643N, 7083E, h239km, 51km, mb3.3/11, mb1.3/4, mb1mx3.2/23, mbtmp3.3/13, Error ellipse: s-maj=15.4km s-min=15.4km az=8.0, MOS 18 06:10:13.4, 0.6, 3653N, 7078E, h255km, mb4.0/2, Error ellipse: s-maj=18.9km s-min=9.8km az=83.7, ISCJB 18 06:10:15.8, 0.4, 3672N, 003.782E, h278km, 5km, mb3.8/16, Error ellipse: s-maj=7.6km s-min=5.5km az=176.6

NEIC 18 06:10:16.1, 0.7, 3658N, 7088E, h268km, 7km, mb3.8/1, Error ellipse: s-maj=11.0km s-min=8.7km az=137.0, NNC 18 06:10:22.4, 5.2, 3725N, 7083E, h279km, 63km, mb2.5, mpv3.7, Error ellipse: s-maj=76.6km s-min=35.0km az=33.0, ISC 18 06:10:16.6, 0.3, 3669N, 003.7080E, h262km, 6km, n1, 0881/64, mb3.7/15, 4C, Hindu Kush region

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

NEIC 18 06:18:27.2, 1647N, 9889W, h16km, MD3.6(MEX), After MEX

MEX 18 06:18:26.5, 1.1, 1645N, 9901W, h11km, 14km, MD3.6, Near coast of Guerrero

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

ISC 18 06:42:54.5, 4.4, 2136S, 17992W, h0km, mb4.0/2, mb1.4/4, mb1mx3.9/14, mbtmp4.2/3, ML4.2/1, Error ellipse: s-maj=104.5km s-min=58.8km az=62.0, Fiji Islands region

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

MEX 18 06:44:01.0, 0.8, 1661N, 9907W, h12km, 14km, MD3.5, Near coast of Guerrero

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

NDI 18 06:44:50.5, 2.6, 3488N, 7223E, h20km, ML3.2, ISCJB 18 06:44:54.4, 1.4, 345N, 0.7, 725E, h2, h33km, Error ellipse: s-maj=23.0km s-min=9.1km az=145.8, ISC 18 06:44:57.2, 1.4, 345N, 01.725E, h2, h35km, n5, 0854/8, 1C, Pakistan

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

WEL 18 03:41:17.9, 0.2, 3665S, 17712E, h12km, ML3.6/4, Error ellipse: s-maj=2.3km s-min=1.4km az=0, Off east coast of North Island

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

ISCJB 18 03:54:22.1, 1.0, 349N, 02.3409E, h07, h39km, 15km, Error ellipse: s-maj=26.4km s-min=5.0km az=17.7, CSEM 18 03:54:22.5, 0.1, 3492N, 3402E, h30km, MW3.0, Error ellipse: s-maj=5.0km s-min=3.0km az=19.0, GRAL 18 03:54:22.1, 1.8, 3479N, 3421E, h0km, 523km, MD3.2, NIC 18 03:54:24.1, 0.3, 3506N, 3405E, h27km, ML2.7, MW3.0, ISC 18 03:54:22.5, 0.9, 349N, 01.3408E, h07, h38km, 12km, n12, 0862/22, 1C, Cyprus region

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

ISC 18 04:02:33.0, 7.7, 3079S, 17998E, h356km, 79km, mb3.0/2, mb1.3/4, mb1mx3.2/14, mbtmp3.3/4, Error ellipse: s-maj=80.1km s-min=34.0km az=12.0, NEIC 18 04:02:28.4, 1.1, 3054S, 17898W, h369km, 38km, Error ellipse: s-maj=45.5km s-min=30.7km az=214.0, Kermadec Islands













BJI	ScP	ScP	10 59 01.1 +3.4
BJI	S	SS	10 59 38.2 +2.7
BJI	SS	SS	11 02 52.0 +6.7
BJI	ScS	ScS	11 03 19.6 +3.9
BJI	LR	LR	
comp-Z,460nm,27.1s			
<b>KSH</b>	<b>Kashi</b>	<b>42.96 336 eP</b>	<b>10 53 20.4 -0.3</b>
KSH	eAP	P	10 53 29.1 -0.9
KSH	eXP	sP	10 53 33.3 -0.4
KSH	ePP	PP	10 55 02.1 +1.2
KSH	ePCP	PcP	10 55 12.3 +1.4
KSH	ePPP	P	10 55 36.3
KSH	eSCP	ScP	10 58 59.0 -1.0
KSH	ePCS	PcS	10 59 02.0 -1.2
KSH	eS	SS	10 59 41.0 -3.0
KSH	eSS	SS	11 02 47.3 -9.3
KSH	eSCS	ScS	11 03 16.3 -3.0
KSH	AMB	AMB	
comp-Z,275nm,3.0s			
KSH	LR	LR	
comp-N,963nm,7.2s			
KSH	LR	LR	
comp-E,1µm,8.8s			
KSH	LR	LR	
comp-Z,580nm,5.2s			
<b>FORT</b>	<b>Forest</b>	<b>43.06 140 eP</b>	<b>10 53 23.0 +1.4</b>
comp-Z,76nm,0.7s,mb5.5			
<b>ASAR</b>	<b>Alice Springs</b>	<b>43.17 127 P</b>	<b>10 53 21.9 -0.8</b>
comp-Z,10.0nm,0.8s,mb4.6,baz=299,slow=8.2,SNR=107			
ASAR			10 59 45.6 -1.8
comp-Z,1.2nm,0.9s,baz=302,slow=12,SNR=6.8			
<b>WMQ</b>	<b>Urumqi</b>	<b>43.43 350 P</b>	<b>10 53 25.1 +0.7</b>
WMQ	AP	pP	10 53 35.0 +1.3
WMQ	XP	sP	10 53 38.9 +1.5
WMQ	PP	PP	10 55 08.3 +2.5
WMQ	SCP	ScP	10 59 50.5 -0.2
WMQ	SS	SS	11 02 57.8 -7.9
WMQ	SCS	ScS	11 03 19.9 -2.2
WMQ	AMB	AMB	
comp-Z,58nm,1.0s,mb5.3			
WMQ	AMB	AMB	
comp-Z,98nm,9.6s			
WMQ	LR	LR	
comp-N,612nm,23.0s,MS4.6			
WMQ	LR	LR	
comp-E,725nm,23.8s,MS4.6			
WMQ	LR	LR	
<b>DL2</b>	<b>Dalian</b>	<b>43.70 280 ↑P</b>	<b>10 53 27.1 +0.4</b>
DL2	AP	pP	10 53 37.8 +1.8
DL2	S	S	10 59 58.0 +3.2
DL2	XS	SS	11 00 14.3 +4.2
DL2	AMB	AMB	
comp-Z,60nm,0.9s,mb5.3			
DL2	AMB	AMB	
comp-Z,140nm,5.2s			
DL2	LR	LR	
comp-N,440nm,14.7s,MS4.6			
DL2	LR	LR	
comp-E,370nm,13.6s,MS4.6			
DL2	LR	LR	
comp-Z,660nm,14.1s,MS4.7			
<b>ULHL</b>	<b>Ulzhoh</b>	<b>45.18 338 P</b>	<b>10 53 39.1 +0.7</b>
SNR=11			
<b>KZA</b>	<b>Kyzart</b>	<b>45.42 337 P</b>	<b>10 53 41.9 +1.5</b>
SNR=6.0			
<b>KS15</b>	<b>Wonju Array Si</b>	<b>45.81 34 eP</b>	<b>10 53 43.8 +0.2</b>
<b>UCH</b>	<b>Uchtor</b>	<b>45.84 336 P</b>	<b>10 53 45.0 +1.3</b>
SNR=29			
<b>KSRS</b>	<b>Korea Array</b>	<b>45.84 34 P</b>	<b>10 53 43.5 -0.4</b>
comp-Z,24nm,0.8s,mb5.2,baz=223,slow=8.9,SNR=61			
KSRS			11 14 28.5
<b>TKM2</b>	<b>Tokmak 2</b>	<b>46.01 338 P</b>	<b>10 53 45.7 +0.7</b>
SNR=19			
<b>KBK</b>	<b>Karagaybulak</b>	<b>46.03 337 P</b>	<b>10 53 46.8 +1.6</b>
SNR=5.8			
<b>AML</b>	<b>Almayaysh</b>	<b>46.10 335 P</b>	<b>10 53 47.0 +1.3</b>
SNR=16			
<b>AAK</b>	<b>Ala-Archa</b>	<b>46.19 337 eP</b>	<b>10 53 46.9 +0.5</b>
comp-Z,13nm,1.1s,mb4.8			
<b>AAK</b>	<b>Ala-Archa</b>	<b>46.19 337j/eP</b>	<b>10 53 46.8 +0.4</b>
comp-Z,8.0nm,1.1s,mb4.6			
AAK			MLR MLR
comp-Z,600nm,16.0s,MS4.6			
<b>AAK</b>	<b>Ala-Archa</b>	<b>46.19 337 ↑P</b>	<b>10 53 47.3 +0.8</b>
SNR=7.8			
<b>AAK</b>	<b>Ala-Archa</b>	<b>46.19 337 ↑P</b>	<b>10 53 47.3 +0.8</b>
<b>FRU</b>	<b>Bishkek</b>	<b>46.31 337 eP</b>	<b>10 53 49.5 +2.1</b>
SNR=7.8			
<b>CHMS</b>	<b>Chumysh</b>	<b>46.40 337 P</b>	<b>10 53 48.7 +0.6</b>
SNR=5.6			
<b>EKS2</b>	<b>Erkin-Say</b>	<b>46.50 336 P</b>	<b>10 53 49.8 +0.9</b>
SNR=13			
<b>USP</b>	<b>Ospenovka</b>	<b>46.72 337 P</b>	<b>10 53 51.2 +0.6</b>
SNR=34			
<b>SNY</b>	<b>Shenyang</b>	<b>46.93 27 ↑P</b>	<b>10 53 51.8 -0.5</b>
SNY	AP	pP	10 54 01.9 +0.3
SNY	XP	sP	10 54 05.9 +0.5
SNY	S	S	11 00 45.8 +4.4
SNY	SS	SS	11 04 02.3 -6.2
SNY	AMB	AMB	
comp-Z,58nm,0.9s,mb5.5			
SNY	AMB	AMB	
comp-Z,340nm,3.5s			
SNY	LR	LR	
comp-E,1µm,15.1s			
SNY	LR	LR	
comp-Z,2µm,14.5s,MS5.2			
<b>SONM</b>	<b>Songino Array</b>	<b>47.23 8 P</b>	<b>10 53 54.9 +0.4</b>
<b>SONM</b>	<b>Songino Array</b>	<b>47.23 8 P</b>	<b>10 53 54.9 +0.4</b>
comp-Z,9.3nm,0.5s,mb5.0,baz=190,slow=9.4,SNR=112			
<b>SONM</b>			10 55 25.8 +0.3
comp-Z,6.1nm,0.7s,baz=190,slow=4.2,SNR=6=2			
<b>SONM</b>			11 16 22.0
<b>ULN</b>	<b>Ulaanbaatar</b>	<b>47.36 9 eP</b>	<b>10 53 55.6 +0.2</b>
comp-Z,16nm,0.9s,mb5.0			
<b>ULN</b>	<b>Ulaanbaatar</b>	<b>47.36 9c iP</b>	<b>10 53 55.7 +0.2</b>
SNR=7.4			
<b>ULN</b>	<b>Ulaanbaatar</b>	<b>47.36 9 ↑P</b>	<b>10 53 56.1 +0.6</b>
SNR=7.4			
<b>MK31</b>	<b>Makanchi Array</b>	<b>47.41 346 eP</b>	<b>10 53 55.9 0.0</b>
<b>MKAR</b>	<b>Makanchi Array</b>	<b>47.41 346 iP</b>	<b>10 53 55.5 -0.3</b>
comp-Z,10.0nm,0.6s			
<b>MKAR</b>	<b>Makanchi Array</b>	<b>47.41 346 P</b>	<b>10 53 56.1 +0.2</b>
comp-Z,26nm,0.8s,mb5.2,baz=158,slow=7.8,SNR=249			
MKAR			11 17 40.3
comp-Z,578nm,20.4s,MS4.5,baz=160,slow=4.1			
<b>COEN</b>	<b>Coen</b>	<b>47.74 110 eP</b>	<b>10 53 58.1 -1.0</b>
<b>KK31</b>	<b>Karatay Array</b>	<b>48.25 334 iP</b>	<b>10 54 02.4 -0.1</b>
comp-Z,5.0nm,0.7s,mb4.7			
<b>KKAR</b>	<b>Karatay Array</b>	<b>48.25 334 iP</b>	<b>10 54 02.4 -0.1</b>
comp-Z,4.0nm,0.7s,mb4.6			
<b>CN2</b>	<b>Changchun</b>	<b>49.33 27 ↑P</b>	<b>10 54 09.8 -1.0</b>
CN2	eXP	sP	10 54 24.1 +0.2
CN2	PCP	PcP	10 55 30.3 -2.9
CN2	eS	S	11 01 14.1 -1.2
CN2	AMB	AMB	
comp-Z,50nm,1.0s,mb5.5			
CN2	AMB	AMB	
comp-Z,200nm,3.0s			
CN2	LR	LR	
comp-N,400nm,15.0s,MS4.8			
CN2	LR	LR	
comp-E,700nm,15.0s,MS4.8			
CN2	LR	LR	
<b>ZAK</b>	<b>Zakamensk</b>	<b>49.38 5 eP</b>	<b>10 54 10.7 -0.3</b>
ZAK			pmax pmax
comp-Z,5.0nm,1.0s,mb4.5			
<b>MOY</b>	<b>Mondy</b>	<b>50.51 3 eP</b>	<b>10 54 19.9 +0.3</b>
<b>PMG</b>	<b>Port Moresby</b>	<b>50.64 103 P</b>	<b>10 54 20.7 -0.5</b>
comp-Z,1.6nm,0.6s,mb5.1,baz=280,slow=5.4,SNR=5.6			
<b>TLY</b>	<b>Talaya</b>	<b>50.70 5 eP</b>	<b>10 54 21.5 +0.4</b>
comp-Z,8.8nm,0.6s,mb4.9			
<b>TLY</b>	<b>Talaya</b>	<b>50.70 5 ↑P</b>	<b>10 54 21.6 +0.6</b>

TLY	e	10 56 17.6	
TLY	ePPP	10 57 23.3	
TLY	eS	11 01 42.2 +8.0	
TLY	e	11 04 00.6	
	pmax	pmax	
TLY	MLR	MLR	
comp-Z,13nm,1.0s,mb4.8			
<b>TLY</b>	<b>Talaya</b>	<b>50.70 5 ↑P</b>	<b>10 54 22.1 +1.1</b>
SNR=5.5			
<b>TLY</b>	<b>Talaya</b>	<b>50.70 5 ↑P</b>	<b>10 54 22.1 +1.1</b>
SNR=7.5			
<b>IRK</b>	<b>Irkutsk</b>	<b>51.32 5 eP</b>	<b>10 54 26.0 +0.4</b>
IRK			pmax
comp-Z,34nm,1.8s,mb5.0			
<b>MAT</b>	<b>Matsushiro</b>	<b>51.66 42 P</b>	<b>10 54 27.7 -0.8</b>
<b>MJAR</b>	<b>Matsushiro Arr</b>	<b>51.66 42 P</b>	<b>10 54 27.4 -1.1</b>
<b>MJAR</b>	<b>Matsushiro Arr</b>	<b>51.66 42 P</b>	<b>10 54 27.4 -1.1</b>
SNR=7.5			
<b>MJAR</b>	<b>Matsushiro Arr</b>	<b>51.66 42 P</b>	<b>10 54 27.4 -1.1</b>
comp-Z,9.0nm,0.6s,mb4.8,baz=220,slow=6.3,SNR=24			
<b>HIA</b>	<b>Hailar</b>	<b>51.70 19 eP</b>	<b>10 54 28.2 -0.3</b>
<b>HIA</b>	<b>Hailar</b>	<b>51.70 19 eP</b>	<b>10 54 28.2 -0.4</b>
comp-Z,27nm,0.8s,mb5.2			
<b>HIA</b>	<b>Hailar</b>	<b>51.70 19 eP</b>	<b>10 54 28.2 -0.4</b>
comp-Z,27nm,0.8s			
<b>MDJ</b>	<b>Mudanjiang</b>	<b>51.89 29 P</b>	<b>10 54 30.4 +0.3</b>
MDJ	AP	pP	10 54 39.6 +0.1
MDJ	XP	sP	10 54 43.4 +0.2
MDJ	PP	PP	10 56 29.6 +1.4
MDJ	PCS	PcS	10 59 38.3 -2.2
MDJ	S	S	11 01 52.1 +1.3
MDJ	XS	SS	11 02 09.8 +3.5
MDJ	SCS	ScS	11 04 14.8 -3.2
MDJ	AMB	AMB	
comp-Z,26nm,0.9s,mb5.2			
MDJ	AMB	AMB	
comp-Z,205nm,5.8s			
MDJ	LR	LR	
comp-N,1µm,17.0s,MS5.0			
MDJ	LR	LR	
comp-E,618nm,17.0s,MS5.0			
MDJ	LR	LR	
comp-Z,2µm,16.6s,MS5.1			
<b>MDJ</b>	<b>Mudanjiang</b>	<b>51.89 29 eP</b>	<b>10 54 30.5 +0.5</b>
comp-Z,24nm,0.9s,mb5.1			
<b>KURK</b>	<b>Kurchatov</b>	<b>51.96 345 P</b>	<b>10 54 30.7 +0.2</b>
SNR=11			
<b>KURK</b>	<b>Kurchatov</b>	<b>51.96 345 eP</b>	<b>10 54 30.6 0.0</b>
comp-Z,32nm,0.9s,mb5.2			
<b>KURK</b>	<b>Kurchatov</b>	<b>51.96 345 eP</b>	<b>10 54 30.6 +0.1</b>
KURK			pmax
<b>KURK</b>	<b>Kurchatov</b>	<b>51.96 345 ↑P</b>	<b>10 54 30.8 +0.3</b>
SNR=11			
<b>VLA</b>	<b>Vladivostok</b>	<b>51.98 32d iP</b>	<b>10 54 30.8 +0.3</b>
VLA			eS
VLA			pmax
comp-Z,54nm,1.8s,mb5.2			
VLA	MLR	MLR	
<b>CTA</b>	<b>Charters Tower</b>	<b>52.28 116 eP</b>	<b>10 54 33.7 +0.3</b>
comp-Z,11nm,0.9s,mb4.8			
CTA			eP
CTA			pP
CTA			eS
CTA			PP
CTA			ePP
CTA			eSP
CTA			pmax
comp-Z,11nm,0.9s			
<b>CTA</b>	<b>Charters Tower</b>	<b>52.28 116 P</b>	<b>10 54 33.2 -0.2</b>
comp-Z,15nm,0.9s,mb4.8,baz=281,slow=9.5,SNR=7.0			
CTA			LR LR
CTA			LR LR
comp-Z,588nm,20.5s,MS4.6,baz=285,slow=40			
<b>CTAO</b>	<b>Charters Tower</b>	<b>52.28 116 eP</b>	<b>10 54 33.5 +0.1</b>
comp-Z,21nm,1.0s,mb5.0			
CTAO			eP
CTAO			eP
CTAO			eP
CTAO			pmax
comp-Z,21nm,1.0s,mb5.0			
<b>CIT</b>	<b>Chita</b>	<b>52.55 13 eP</b>	<b>10 54 35.6 +0.7</b>
CIT			pP
CIT			pmax
comp-Z,79nm,1.5s,mb5.4			
<b>OPO</b>	<b>Ambiodhatropo</b>	<b>53.05 246 P</b>	<b>10 54 38.9 -0.3</b>
comp-Z,4.4nm,0.9s,mb4.4,baz=62,slow=9.2,SNR=4.2			
<b>STKA</b>	<b>Stevens Creek</b>	<b>53.13 132 eP</b>	<b>10 54 39.6 +0.1</b>
comp-Z,26nm,1.1s,mb5.1			
STKA			eP
STKA			pP
<b>STKA</b>	<b>Stevens Creek</b>	<b>53.13 132 P</b>	<b>10 54 39.6 +0.1</b>
comp-Z,31nm,0.9s,mb5.2,baz=306,slow=7.3,SNR=34			
STKA			LR LR
<b>STKA</b>	<b>Stevens Creek</b>	<b>53.13 132 P</b>	<b>10 54 43.6 +0.3</b>
comp-Z,292nm,21.7s,MS4.8,baz=297,slow=39			
<b>ZAL</b>	<b>Zalesovo</b>	<b>53.70 351 P</b>	<b>10 54 43.6 +0.3</b>
<b>ZALV</b>	<b>Zalesovo Beam</b>	<b>53.71 351 P</b>	<b>10 54 43.6 +0.2</b>
comp-Z,45nm,0.7s,mb5.5,baz=175,slow=6.4,SNR=182			
ZALV			LR LR
ZALV			LR LR
<b>NVS</b>	<b>Novosibirsk</b>	<b>54.83 350 iP</b>	<b>10 54 50.6 -0.9</b>
NVS			eS
NVS			pmax
comp-Z,27nm,1.1s,mb5.2			
NVS			pmax
comp-N,19nm,1.2s			
NVS			pmax
comp-E,16nm,1.1s			
NVS			smax
comp-N,13nm,1.8s			
NVS			smax
comp-E,7.0nm,1.6s			
<b>KLR</b>	<b>Kul'dur</b>	<b>56.28 26 eP</b>	<b>10 54 59.0 -3.0</b>
KLR			eS
KLR			pmax
comp-E,64nm,1.8s			
KLR			pmax
comp-Z,120nm,1.8s,mb5.6			
KLR			MLR MLR
comp-E,800nm,12.5s			
KLR			MLR MLR
comp-Z,2µm,12.5s,MS5.3			
<b>BRVK</b>	<b>Borovoye</b>	<b>56.49 341 P</b>	<b>10 55 02.1 -1.4</b>
comp-Z,102nm,0.7s,mb5.0,SNR=16			
<b>BRVK</b>	<b>Borovoye</b>	<b>56.49 341 eP</b>	<b>10 55 02.7 -0.8</b>
comp-Z,11nm,0.6s,mb5.0			
<b>BRVK</b>	<b>Borovoye</b>	<b>56.49 341 eP</b>	<b>10 55 02.7 -0.8</b>
comp-Z,11nm,0.6s,mb5.1			
<b>HABR</b>	<b>Khabarovsk</b>	<b>57.28 29f eP</b>	<b>10 55 08.8 -0.3</b>
HABR			e
HABR			eS
HABR			S
HABR			11 03 20.0
HABR			11 04 53.9
HABR			11 06 54.2 +1.4
comp-Z,31nm,1.1s,mb5.2			
HABR			MLR MLR
comp-Z,763nm,14.9s,MS4.9			
<b>AB31</b>	<b>Akbulak array</b>	<b>57.71 332 P</b>	<b>10 55 10.9 -1.3</b>
AB31			pmax
<b>BOD</b>	<b>Bodaibo</b>	<b>58.10 10 eP</b>	<b>10 55 14.6 -0.1</b>
comp-Z,41nm,0.9s,mb5.0			
<b>EIDS</b>	<b>Eidsvold</b>	<b>58.15 121 eP</b>	<b>10 55 15.5 -0.3</b>
<b>ASAJ</b>	<b>Asahikawa</b>	<b>58.65 37 LR</b>	<b>11 19 44.0</b>
<b>TOO&lt;/</b>			



18d 12h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like HNR Honiara, WHZ Wether Hill R, CNB Canberra Magne, etc.

2007 FEB

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like T06C baz=83, ISA Isabella, PSI Prapat, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like W13A Hualapai Mount, J05A Fort Rock, S11A Rachel, etc.



Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Vitosha, Givet, Dourbes, Baives, Furstenfeldbru, etc.

KRSC 18 12:11:00.3d, 0.4, 5362N, 16377E, h43km, 43km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Mys Kozlova, Mys Shipunski, Karymskiy, etc.

ISC 18 12:26:06.1±0.6, 118N-9696E, h0km, mb4.5/17, mb1.4, 6/18, mb1mx4.5/25, mbtmp4.5/18, ML4.1/1, MS3.8/8, Ms1.3, 8/8, ms1mx3.5/33, Error ellipse: s-maj=22.6km s-min=12.4km az=51.0

ISCJTB 18 12:26:08.2±1.1, 121N-004-9703E-004, h25km, 8km, mb4.8/70, MS4.2/26, Error ellipse: s-maj=7.6km s-min=5.9km az=25.8

BJI 18 12:26:08.7, 108N-9725E, h35km, mb4.9, mb5.0, Ms4.6, Ms24.4

MOS 18 12:26:09.1±0.9, 120N-9702E, h33km, mb5.0/25, MS4.3/6, Error ellipse: s-maj=12.6km s-min=6.2km az=90.8

NEIC 18 12:26:10.9±0.4, 123N-9705E, h30km, mb4.8/25, Error ellipse: s-maj=9.6km s-min=6.2km az=48.0

NEIC Felt [I] at Gunungstotti, ISC 18 12:26:11.3±1.1, 122N-004-9705E-004, h32km, 9km, h33km, 1.4km, p-P, 156, s1504/162, mb4.8/70, MS4.2/26, 18C-8D, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Prapat, Keping, Kullim, Kuala Trenggan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MYLMI Lahad Datu, Kunning, KMI, etc.

SHL Shilling 24.71 349 i P P 12 31 30.0 +0.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GY, GYA, GYB, GYD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, KAKA Kakadu, GTA, etc.

HHC Hu-ho-hao-te 41.58 17 eP P 12 33 55.3 -0.9

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





18d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SONM, TLY ZAK, MCK, COLA, LHZ, etc.

2007 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like A07A, SHL, CHTO, A08A, etc.

624

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like M12A, GCMT, NDI, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pinedale Array, Malin Array, and various NORSAR and GERS Array stations.

DDA 18 13:40:52.5, 3636N:3525E, h18km, 10km, Md2.6
CSEM 18 13:40:54.8, 0.2, 3672N:3691E, h25km, Mcl1.5, Error ellipse: s-maj=5.0km s-min=2.4km az=173.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DRWC Darouich, DRWC Iskenderun, BTCH Batrach, etc.

IDC 18 13:47:23.5, 1.5, 445N:9620E, h0km, mb3.96, mb1 4.1/7, mb1mx3.8/22, mbtmp3.97, ML4.0/1, MS3.6/2, ms1mx3.1/31, Error ellipse: s-maj=67.7km s-min=18.2km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, PSI 15nm, etc.

IDC 18 13:47:28.1, 1.2, 43N:02.959E, 01, h35km, n22, r133/30, mb3.9/5, MS3.7/2, 10C-2D, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IPM Iboh, FRIM Kepong, KGTGM Kuala Trenggan, etc.

IDC 18 14:01:02.0, 1.1, 272N:02x1402E:03, h357km, 16km, mb2.8/5, Error ellipse: s-maj=47.5km s-min=24.6km az=167.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ 21nm, etc.

IDC 18 14:07:13.3, 0.4, 3498N:004x13982E:004, h57km, 3km, mb3.7/7, Error ellipse: s-maj=3.9km s-min=3.4km az=33.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TATJ Tateyama 2, YATJO Yokosok, JYJIM Oshima 3, etc.

BUI 18 14:24:53.0, 2.30N:12874E, h10km, mb4.5
IDC 18 14:25:02.0, 0.8, 319N:12786E, h0km, mb4.0/9, mb1 4.1/9, mb1mx4.0/19, mbtmp4.0/9, MS3.0/2, Ms1 3.0/2, ms1mx2.5/24, Error ellipse: s-maj=54.2km s-min=13.9km az=77.0

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

IDC 18 14:25:03.6, 0.4, 321N:12802E, h10km, mb4.5/12, Error ellipse: s-maj=24.1km s-min=7.3km az=74.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMU Guamo, FITZ Fitzroy Crossi, etc.

IDC 18 14:25:02.2, 1.3, 318N:10279E:02, h99km, 12km, mb4.3/21, Error ellipse: s-maj=27.2km s-min=8.1km az=158.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA 25nm, etc.

IDC 18 14:25:12.9, 1.3, 316N:007.1280E:02, h89km, 11km, n37, r099/36, mb4.3/21, 1C-1D, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, STKA 37.1861, etc.

IDC 18 14:49:42.7, 4.3, 614S:11183E, h602km, 51km, mb3.0/6, mb1 3.1/7, mb1mx2.9/19, mbtmp2.9/7, Error ellipse: s-maj=67.3km s-min=13.5km az=64.0, Jawa

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

IDC 18 15:24:41.1, 2.0, 1554N:007.1464E:01, h52km, 19km, n31, r065/29, mb4.2/22, MS3.2/2, Mariana Islands

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

NEIC 18 14:56:49.7, 3062Sx7089W, h53km, MD4.1, After GUC
GUC 18 14:56:49.7, 2.1, 3062Sx7089W, h53km, 11km, MD4.1, ML3.8, 2C-2D, Chile-Argentina border region

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

NEIC 18 14:57:48.1, 1808N:6836W, h129km, MD3.6, After RSPR, RSPR 18 14:57:48.1, 1808N:6836W, h129km, 11km, MD3.5/14, MD3.5/14, 16C, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRPR Cabo Rojo, PR, LSP Las Mesas, etc.

IDC 18 15:01:30.7, 0.8, 567N:12539E, h35km, mb4.5/3, Error ellipse: s-maj=49.6km s-min=11.9km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSPH General Santos, GSPH 0.9300, etc.

IDC 18 15:01:40.6, 3.1, 561N:12560E, h132km, 29km, mb3.6/7, mb1 3.7/7, mb1mx3.6/20, mbtmp3.6/7, Error ellipse: s-maj=60.6km s-min=12.5km az=74.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, PSI 15nm, etc.

IDC 18 15:01:40.0, 0.6, 562N:006.12576E:010, h126km, 7km, n23, r190/28, mb4.1/7, 3C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSPH General Santos, GSPH 0.9300, etc.

IDC 18 15:24:41.1, 2.0, 1554N:007.1464E:01, h52km, 19km, n31, r065/29, mb4.2/22, MS3.2/2, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, STKA 40.23159, etc.

IDC 18 15:24:41.1, 2.0, 1554N:007.1464E:01, h52km, 19km, n31, r065/29, mb4.2/22, MS3.2/2, Mariana Islands

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





Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az3, Phase ID, Time, Res. Includes stations like TLY, FITZ, MOY, ASAR, BILL, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az3, Phase ID, Time, Res. Includes stations like QMNT, YMR, HUU, HUU, FFC, GCMT, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az3, Phase ID, Time, Res. Includes stations like BILL, BILL, MAT, MJAR, HIA, HIA, etc.

BUL 17:05:28.8, 5250N, 15290E, h462km, mb4.6, mb4.5
ISCJB 18:17:05:29.1, 0.4, 5244N, 0.06, 15294E, h457km, 5km,
mb3.8/38, Error ellipse: s-maj=9.9km s-min=6.5km
az=147.2
MOS 17:05:29.2, 0.9, 5244N, 15294E, h459km, mb4.0/11, Error
ellipse: s-maj=12.4km s-min=7.3km az=97.4
NEIC 18:17:05:30.9, 0.4, 5251N, 15290E, h463km, mb4.0/17,
Error ellipse: s-maj=6.7km s-min=4.3km az=151.0
IDC 18:17:05:31.3, 2.1, 5250N, 15281E, h467km, 25km, mb3.3/18,
mb1.3, 5/20, mb1mx3.4/27, mb1p3.3/20, Error ellipse:
s-maj=12.1km s-min=9.1km az=143.0
ISC 18:17:05:30.0, 0.4, 5243N, 0.05, 15295E, h454km, 5km,
m10, m0866/104, mb3.8, 38-6D, Northwest of Kuril
Islands



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

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

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

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

18d 17h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HNR Honiara, URZ Urewera, and various others.

2007 FEB

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MA2 comp=Z,200nm,16.0s,MS4.6, KMI Kunming, and various others.

632

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like M05C Lookout, BELC Belle Mtn., GSC Goldtone, and various others.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like N12A Clover Valley, J10A Berg Farm, H09A Durkee, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL comp=Z,58m,1.8s, PCCC Panska Ves, VRAC Vranov, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, WK2 Warramunga Arr, MK31 Makanchi Arr, etc.

NEIC 18 17:56:38.3, 28D1S:6939W, h118km, MG3.8(GUC), After GUC.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CPCH Copiapo, VACH Vallendar, VACH Vallendar, etc.

ISC/JB 18 19:34.9, 0.3, 35.18N, 0.03, 2932E, 0.05, h33km, Error ellipse: s-maj=6.0km, s-min=3.7km, az=165.9.

CSEM 18 18:19:34.7, 0.1, 35.18N, 2927E, h33km, 1km, ML3.7, Error ellipse: s-maj=3.7km, s-min=2.1km, az=68.0.

NEIC 18 18:19:35.0, 35.11N, 2936E, h10km, ML3.4(ATH), After ATH.

HLW 18 18:19:37.7, 35.12N, 2940E, h33km, Mb3.7

ISC 18 18:19:36.7, 0.3, 35.23N, 0.03, 2931E, 0.05, h35km, n48, e094/54, 9C-3D, Eastern Mediterranean Sea

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

ISC 18 19:41.8, 28.0, 1915S, 17538W, h0km, mb4.2/4, mb1 4.4/4, mb1mx4.0.15, mbtmp4.2.4, Error ellipse: s-maj=55.6km, s-min=144.9km, az=88.0, Tonga Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

MAN 18 18:46:41, 1402N, 11997E, h47km, mb3.7, ML2.5, MS2.0, 1C-1D, Luzon

2017 21h

Table with columns: TGY, Tagaytay City, 0.94 85, Pn, 18 47 02.3 +4.5, etc.

MAN 18 19:01:34,1673N,12078E,h11km,mb4.3,ML3.2,MS3.0, 2C,Luzon

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

ISC/JB 18 19:26:32.9,1.3,352N,02:257E,02,h80km,10km, Error ellipse: s-maj=35.5km s-min=12.8km az=39.0

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

NIED 18 19:56:00,3400N,13720E,h340km,Mw3.7 Best double couple: M0.51000,1014 NP1,0,140,00000,83.00000,...

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

Honshu

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

IDC 18 20:12:20.2,2.8,681S,14842E,h0km,mb3.7/3,mb1 3.9/4, mb1mx3.6/4,mbtm3.7/4,ML3.0/2, Error ellipse: s-maj=83.9km s-min=23.2km az=108.0, New Britain region

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

2007 FEB

Table with columns: KWV, MRW, MRW, Makara Radio, 0.36 163, P\*, Sn, 20 28 23.0 +0.4, etc.

NNC 18 20:54:36.7,3.6,4003N,7535E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=39.3km s-min=24.2km az=154.0

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

ISC/JB 18 21:04:56.0,4.0,2167N,002:12051E,002,h16km,5km, mb5.0/130,MS5.1/63, Error ellipse: s-maj=3.4km s-min=2.5km az=22.7

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

IDC 18 21:05:00.4,0.1,2174N,12039E,h12km,MW5.3/82, Moment Tensor Solution. s72,c119; s82,c158; Duration: 1s0 Moment tensor: Scale 10^17Nm; Mm=0.92±.01; Mm0=0.55±.01; Mm0/37±.02; Mm0/11±.04; Mm0/56±.01; Mm0/14±.05; Best double couple: Mm0.99100x10^17 NP1,0,52,00000; 640.00000; 7.86.00000; NP2,0,27,00000; 850.00000; 7.83.00000; Principal axes: T 1.0400, P165.0000; Azm319.0000; N -0.0800, P162.0000; Azm229.0000; P -0.9410, P164.0000; Azm115.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 18 21:05:00.4,0.1,2168N,12048E,h35km,mb5.1/64, MS5.1/6 Error ellipse: s-maj=3.7km s-min=3.3km az=97.0

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

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Table with columns: CVP, Callao Caves, 4.15 162, eP, Pn, 21 06 00.5 -0.4, etc.





18d 21h

Table with columns: CTA, Charters Tower, Time, Frequency, Mode, and other technical details. Includes entries like CTA Charters Tower 48.56 147 LR LR 21 32 31.9, CTAO Charters Tower 48.56 147 eP P 21 13 41.6 +1.1, etc.

2007 FEB

Table with columns: APA, Charters Tower, Time, Frequency, Mode, and other technical details. Includes entries like APA comp=Z,20nm,0.8s,mb5.1 pmax pmax, APA comp=Z,2.1um,15.0s,MSS.5 MRL MRL, etc.

636

Table with columns: UZH, Charters Tower, Time, Frequency, Mode, and other technical details. Includes entries like UZH e 21 17 06.6, UZH eS S 21 17 16.6, UZH eS S 21 27 00.0 -0.7, etc.

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

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

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



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NCB Newcomb, HNH Hanover, SADC Sadowa, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MSU Saint George, CCUT Cedar City, S14A Cedar City, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SBC Santa Barbara, HVU Hansel Valley, S09A Goldfield, etc.

18d 21h

Table with columns: ID, Name, Frequency, Power, and other technical details. Includes entries like 009A Fish Creek Ran, L12A House Creek Ra, DGMT Dagma, etc.

2007 FEB

Table with columns: ID, Name, Frequency, Power, and other technical details. Includes entries like E15A Deer Lodge, J10A Berg Farm, Mel, Q04C Lincoln, etc.

640

Table with columns: ID, Name, Frequency, Power, and other technical details. Includes entries like M03C McCloud, K05A Summer Lake, F10A Beach Ranch, etc.











Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like San Caprasio, Ste Jean, Etsaut, Esparros, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Deep Cove, Wether Hill Ro, Mavora Lakes, etc.

LDG 19 00:16:53.0, 0.0, 1524S-71 81W, h97km, Mb4.9/19, MS3.7/6, Error ellipse: s-maj=29.2km s-min=11.8km az=47.0

ISCJB 19 00:16:56.0, 0.3, 1566S.005:71 89W.006, h139km, mb4.6/49, Error ellipse: s-maj=9.1km s-min=5.4km az=146.7

NEIC 19 00:16:57.4, 0.3, 1567S-71 75W, h135km, 3km, mb4.7/34, Error ellipse: s-maj=8.1km s-min=4.9km az=65.0

NEIC FHL at Chuquibambilla GCMT 19 00:16:57.3, 0.5, 1576S-72 15W, h150km, 5km, MW4.9/45, Moment Tensor Solution, s13.c14; s45.c54; Duration: 0

NEIC FHL at Chuquibambilla GCMT 19 00:16:57.3, 0.5, 1576S-72 15W, h150km, 5km, MW4.9/45, Moment Tensor Solution, s13.c14; s45.c54; Duration: 0

ISC 19 00:16:58.6, 0.3, 1569S-71 71W, h148km, Mb5.2, h141km, 1.9km, p-P, n164, 0.687/116, mb4.5/48, 5C-2D, Southern Peru

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Arequipa, La Paz, Nana, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Long Hollow, Lac du Bonnet, Lac du Bonnet, etc.

LIC Lamto 69.52 77 eP P 00 27 51.8 -0.1

LIC Lamto 69.52 77 iP P 00 27 51.6 -0.3

LIC Lamto 69.52 77 iP P 00 27 51.6 -0.3

LIC Lamto 69.52 77 iP P 00 27 51.6 -0.3

LIC Lamto 69.52 77 iP P 00 27 51.6 -0.3

LIC Lamto 69.52 77 iP P 00 27 51.6 -0.3

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LIC Lamto 69.52 77 iP P 00 27 51.6 -0.3

LIC Lamto 69.52 77 iP P 00 27 51.6 -0.3

ISCJB 18 23:11:59.6, 5.3, 468N.01:1559E.02, h15km, 37km, mb3.6/11, MS3.3/1, Error ellipse: s-maj=24.1km s-min=17.6km az=29.4

MOS 18 23:12:02.0, 1.8, 4697N:15567E, h33km, mb4.2/4, Error ellipse: s-maj=32.7km s-min=20.1km az=76.2

IDC 18 23:12:06.1, 5.2, 4677N:15574E, h52km, 47km, mb3.4/9, mb1.3/6/11, mb1mx3.5/21, mbtmp3.4/11, ML3.6/2, Error ellipse: s-maj=27.4km s-min=20.2km az=116.0

ISC 18 23:12:05.3, 2.7, 4699N.01:1558E.02, h44km, 25km, n16, 0.693/17, mb3.6/11, MS3.3/1, East of Kuril Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Asahikawa, Matsushiro Arr, Bilibino, etc.

IDC 18 23:16:41.8, 60.0, 0145S-9734E, h0km, mb3.6/3, mb1.3/6/3, mb1mx3.3/21, mbtmp3.3/3, Error ellipse: s-maj=116.6km s-min=156.6km az=175.0, Southwest of Sumatera

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Songino Array, Makanchi Array, Zalesovo Beam, etc.

WEL 18 23:44:24.0, 0.1, 4545S-16705E, h76km, 1km, ML3.7/11, Error ellipse: s-maj=1.5km s-min=0.7km az=90.0, South Island

Code Station Name Az AZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Arequipa, La Paz, Nana, etc.

Code Station Name Az AZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Songino Array, Makanchi Array, Zalesovo Beam, etc.

Code Station Name Az AZ Phase ID Time Res

Code Station Name Az AZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Long Hollow, Lac du Bonnet, Lac du Bonnet, etc.

Code Station Name Az AZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Songino Array, Makanchi Array, Zalesovo Beam, etc.

Code Station Name Az AZ Phase ID Time Res

19d 1h

Table with columns: STKA, Steps Creek, 122.93 214 eP, PKPdf, 00 35 38.3 +0.3, etc. Includes various station names and coordinates.

2007 FEB

Table with columns: CRAC, 987nm,0.2s, Sg, Sg, 00 19 09.2 +2.6, etc. Includes various station names and coordinates.

646

Table with columns: HUMP, Col San Antoni, 2.32 234f, eP, Pn, 00 19 58.9 -0.8, etc. Includes various station names and coordinates.





19d 2h

Table with columns for location (e.g., ANTO, ANKA), time (38.09), and various performance metrics (P, M, S, etc.).

2007 FEB

Table with columns for location (e.g., PGF, KIS), time (45.13), and various performance metrics (P, M, S, etc.).

648

Table with columns for location (e.g., EVIA, SEST), time (47.73), and various performance metrics (P, M, S, etc.).



Table with columns for location (WAR, WARS, etc.), time (comp-Z, 1.0m, 2.0s), and various codes (eSP, sP, etc.) and values.

Table with columns for location (PBRG, ECAL, EARI, etc.), time (52.25 325, 52.33 325, etc.), and various codes (eP, P, etc.) and values.

Table with columns for location (MOS, PMAR, etc.), time (54.22 5, 54.32 310, etc.), and various codes (eP, P, etc.) and values.













19d 4h

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Lanzhou, Zakamensk, Songino Array, etc.

WEL 19 04:03:08.3-0.8, 3602S-17849E, h207km, gkm, ML3.5/6, Error ellipse: s-maj=17.2km s-min=13.2km az=90.0, Off east coast of North Island

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

SZGRF 19 04:21:51.6, 5130N-15572E, h33km, mb4.7, Northwest of Kuril Islands, Russia

MOS 19 04:21:52.3, 0.9, 5004N-15544E, h99km, mb4.6/42, Error ellipse: s-maj=9.9km s-min=5.7km az=95.3

BJI 19 04:21:55.1, 5009N-15558E, h134km, mb4.6, mb4.6, ISCJB 19 04:21:55.1-0.5, 5001N-005x15554E-007, h128km, gkm, mb4.5/96, Error ellipse: s-maj=10.0km s-min=4.7km az=143.8

KRSC 19 04:21:55.9, 1.2, 4997N-15681E, h5km, 5km, ML4.6, IDC 19 04:21:55.8, 0.5, 5010N-15538E, h120km, gkm, mb3.9/22, mb1.4/0.24, mb1mx4.0/27, mbtmp3.9/24, Error ellipse: s-maj=14.8km s-min=9.1km az=138.0

NEIC 19 04:21:56.9, 0.8, 5007N-15547E, h128km, 7km, mb4.6/40, Error ellipse: s-maj=7.5km s-min=4.5km az=148.0, ISC 19 04:21:56.5, 0.5, 5004N-005x15552E-007, h126km, gkm, h125km, 2.5km, pP-P, n258, r088/277, mb4.5/96, 9C-16D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like SKR, ALID, MIPR, etc.

2007 FEB

Main table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like NLYT, GANALY, MYSHIPUNSKI, etc.

656

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like INK, LNZH, ZAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LOHW Long Hollow, KAF Kangasniemi, KAF Kangasniemi, PDAR Pinedale Array, PDAR Pinedale Array B, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UMR Umm Al-Rimman, UMR Umm Al-Rimman, MIB Mutribah, MIB Mutribah, GCIS Gornji Cirnik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like s-maj=359.9km, s-min=29.5km, az=61.0, SZGRF 19 04:55:25.1, 2125S:17300W, h49km, etc.

NIED 19 04:29:05.7, 6.2, 2479N:12548E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/20, mbtmp3.5/3, Error ellipse:







Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like NEO, PAIG, AGG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like APE, SMG, GRU, etc.

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







Table with columns: CIT, Chita, 47.59 349, P, 11 21 37.5 +1.2, KSH, eXS, sS, 11 30 55.1 +4.3, ARU, Arti, 73.31 327, P, P, 11 24 30.8 -1.1

Table with columns: KSH, KSH, 11 21 44.9 -1.7, KSH, eXS, sS, 11 32 28.1 -2.5, ARU, Arti, 73.31 327, P, P, 11 24 30.0 -1.9

Table with columns: ARU, Arti, 73.31 327, P, P, 11 24 30.8 -1.1, ARU, Arti, 73.31 327, P, P, 11 24 30.0 -1.9



Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ANN, LVZ, PPT, EGAK, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like RES, BZS, KECS, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like GRF, BOSA, NEW, etc.





19d 11h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PMR Palmer, SML McKinley, MCK McKinley, COLA College, etc.

2007 FEB

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like EPH Ephrata, VIFM Ingram Point, H06A Lindquist Farm, etc.

668

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like O07A Toulon, R06C Coleville, M08A Happy Creek Ra, etc.









Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Eben Emael, Montolio, Tobarra, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like La Plagne, Bardonecchia, Kongsberg, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like GRF, MOX, FUR, etc.















N09A	baz=88	88.49	45	↑P	P	14 46 26.4	+0.2
WVOR	baz=89, SNR=5.5	88.52	43	eP	P	14 46 25.6	-0.7
WVOR	comp=Z, 131nm, 2.2s, mb5.9			LR	LR		
WVOR	comp=Z, 21um, 19.0s, MS5.5	88.52	43	eP	P	14 46 25.6	-0.7
WVOR	comp=Z, 131nm, 2.2s, mb5.9			MLR	MLR		
U12A	Valley of Fire	88.54	50	↓P	P	14 46 26.7	+0.1
J07A	Hines	88.55	42	↓P	P	14 46 26.5	+0.1
CIT	Chita	88.57	328	eP	P	14 46 26.6	+0.3
Y14A	Wickenburg	88.58	53	↓P	P	14 46 26.4	-0.4
H06A	Lindquist Farm	88.59	41	↓P	P	14 46 26.8	+0.2
L08A	Fields	88.59	44	↓P	P	14 46 27.0	+0.3
P10A	Eureka	88.63	47	↓P	P	14 46 27.3	+0.4
E05A	Randle	88.67	39	↑P	P	14 46 27.1	+0.1
MCK	MCKinley	88.76	16	PFAKE	LR	14 46 40.0	+1.3
MCK	comp=Z, 1um, 22.0s, MS5.2			LR	LR		
K08A	Mann Creek Ran	88.76	43	↓P	P	14 46 27.6	+0.2
I07A	Ize	88.78	42	↓P	P	14 46 27.8	+0.3
VNA3	Neumayer Olymp	88.78	179	eP	P	14 46 27.6	+0.4
VNA3				e	eP	14 46 29.5	
VNA3				e	eP	14 46 34.2	-2.1
VNA3				e	eP	14 46 45.4	
VNA3				e	eP	14 47 10.3	
M09A	Marrel Ranch,	88.81	45	↑P	P	14 46 28.2	+0.4
Q11A	Duckwater	88.83	48	↓P	P	14 46 27.7	-0.2
S12A	Delamar Landin	88.84	49	↑P	P	14 46 28.5	+0.5
F06A	Goldendale	88.84	40	↓P	P	14 46 28.3	+0.5
D05A	Enumclaw	88.87	38	↓P	P	14 46 28.4	+0.6
WPW	White Pass	88.87	39	P	P	14 46 28.1	+0.2
YAK	Yakutsk	88.89	341	PFAKE	LR	14 46 40.0	+1.2
YAK	comp=Z, 21um, 22.0s, MS5.5			LR	LR		
YAK	Yakutsk	88.89	341	eP	P	14 46 26.2	-1.4
YAK	comp=Z, 10.0nm, 1.2s, mb5.0			pmx	pmx		
YAK	comp=N, 5.0nm, 1.6s			pmx	pmx		
YAK	comp=E, 3.0nm, 1.3s			pmx	pmx		
YAK	comp=N, 429nm, 20.0s			pmx	pmx		
X14A	Yava	88.89	53	↑P	P	14 46 29.0	+0.7
O10A	Cortez Mining,	88.92	46	↑P	P	14 46 28.5	+0.2
U13A	Pakoon Wash	88.95	50	↓P	P	14 46 28.4	-0.1
H07A	Lands Inn, Kim	89.00	41	↓P	P	14 46 28.4	-0.1
WRAK	Wrangell Islan	89.04	27	PFAKE	LR	14 46 40.0	+1.2
WRAK	comp=Z, 1um, 20.0s, MS5.4			LR	LR		
W14A	Seligman	89.07	52	↓P	P	14 46 29.7	+0.6
J08A	Circle Bar Ran	89.08	43	↑P	P	14 46 29.3	+0.4
P11A	Circle Ranch,	89.09	47	↑P	P	14 46 29.7	+0.6
N10A	Dumphy	89.11	46	↓P	P	14 46 29.4	+0.3
VNA2	Neumayer-Watz	89.12	180	eP	P	14 46 28.6	-0.2
VNA2				e	eP	14 46 30.6	
VNA2				e	eP	14 46 36.1	-1.8
VNA2				e	eP	14 47 12.0	
E06A	Yakima	89.12	39	↓P	P	14 46 29.4	+0.3
K09A	Rome	89.24	44	↓P	P	14 46 30.0	+0.3
G07A	Ruggs Ranch, H	89.27	41	↑P	P	14 46 29.8	0.0
I08A	Drewsey	89.28	42	↓P	P	14 46 30.1	+0.2
C05A	Toit Reservoir	89.31	38	↓P	P	14 46 30.0	+0.1
R12A	Pony Springs,	89.33	49	↓P	P	14 46 30.5	+0.3
B05A	Bryant	89.37	37	↓P	P	14 46 30.0	-0.2
X15A	Humboldt	89.39	53	↑P	P	14 46 30.5	-0.2
O11A	Cowboy Ranch,	89.42	47	↑P	P	14 46 30.7	+0.1
F07A	Phinny Hill Vi	89.42	40	↑P	P	14 46 31.2	+0.7
M10A	LL Ranch, Tu	89.46	45	↑P	P	14 46 31.7	+0.9
Q12A	Willow Creek R	89.49	48	↓P	P	14 46 31.3	+0.3
H08A	Prairie City	89.52	42	↓P	P	14 46 30.8	-0.2
U14A	Mt Trumbull	89.52	51	↓P	P	14 46 31.3	+0.1
J09A	Fry Pan Ranch,	89.53	43	↓P	P	14 46 31.0	-0.1
S13A	Holt Ranch, En	89.53	49	↑P	P	14 46 31.4	+0.2
D06A	Cle Elum	89.54	39	↑P	P	14 46 31.2	+0.2
TUC	Tucson	89.59	55	eP	P	14 46 28.8	-2.8
TUC	comp=Z, 18nm, 1.4s, mb5.2			LR	LR		
TUC	comp=Z, 21um, 20.0s, MS5.6	89.59	55	eP	P	14 46 28.8	-2.8
TUC	comp=Z, 18nm, 1.4s, mb5.2			MLR	MLR		
P12A	McGill	89.63	47	↑P	P	14 46 32.0	+0.4
N11A	Elko Archery C	89.68	46	↑P	P	14 46 32.0	+0.2
G08A	Pilot Rock	89.72	41	↓P	P	14 46 32.3	+0.5
L10A	Juniper Basin	89.77	45	↓P	P	14 46 32.2	0.0
ULN	Ulanbaatar	89.78	322	PFAKE	LR	14 46 40.0	+7.9
E07A	Sunnyside	89.80	39	↑P	P	14 46 32.7	+0.5
K10A	MacKenzie Ranc	89.83	44	↓P	P	14 46 32.8	+0.4
I09A	Lost Marbles R	89.84	42	↓P	P	14 46 32.6	+0.2
T14A	Hurricane	89.86	50	↓P	P	14 46 33.8	+1.0
CCUT	Cedar City	89.88	50	eP	P	14 46 33.2	+0.4
C06A	Tall Timber Ra	89.88	38	↓P	P	14 46 32.5	-0.1
HAWA	Hanford	89.91	40	eP	P	14 46 32.9	+0.2
HAWA	comp=Z, 41nm, 1.2s, mb5.6			LR	LR		
M11A	Holland Ranch,	89.92	45	↑P	P	14 46 33.9	+1.0
ARUT	Antelope Range	89.92	49	↓P	P	14 46 33.1	0.0
COLA	College	89.96	16	eP	P	14 46 29.9	-2.7
COLA	comp=Z, 4.9nm, 0.9s, mb4.8			LR	LR		
COLA	comp=Z, 1um, 20.0s, MS5.4			LR	LR		
COLA	College	89.96	16	eP	P	14 46 29.9	-2.6
COLA	comp=Z, 5.0nm, 0.9s, mb4.8			MLR	MLR		
ELK	comp=Z, 1um, 20.0s, MS5.4	89.98	46	eP	P	14 46 33.3	+0.1
ELK	comp=Z, 13nm, 0.9s, mb5.3			LR	LR		
ELK	comp=Z, 21um, 19.0s, MS5.5	89.98	46	eP	P	14 46 33.3	+0.1
ELK	comp=Z, 13nm, 0.9s			MLR	MLR		
ELK	comp=Z, 21um, 19.0s	89.98	40	P	P	14 46 33.5	+0.4
F08A	Pendleton	90.08	41	↑P	P	14 46 33.5	0.0
O12A	Currie	90.10	47	↓P	P	14 46 34.1	+0.3
S14A	Cedar City	90.10	50	↓P	P	14 46 34.1	+0.2
S01M	Songino Array	90.14	322	P	P	14 46 33.9	+0.1
SONM	comp=Z, 4.4nm, 1.0s, mb4.8, baz=122, slow=3.7, SNR=23			LR	LR	15 21 39.0	
A06A	Chilliwack	90.16	37	↓P	P	14 46 34.1	+0.3
N12A	Clover Valley,	90.16	46	↑P	P	14 46 34.8	+0.7
J10A	Berg Farm, Mel	90.20	43	↑P	P	14 46 34.6	+0.4
H09A	Durkee	90.22	42	↑P	P	14 46 34.0	-0.2
E08A	Dider Farm, El	90.25	40	↓P	P	14 46 34.2	-0.1
C07A	Waterville	90.25	38	↓P	P	14 46 33.9	-0.4
L11A	Cat Creek Ranc	90.28	45	↓P	P	14 46 35.1	+0.5
NLW	Nelson Butte	90.28	38	P	P	14 46 34.4	0.0
EPH	Ephrata	90.35	39	P	P	14 46 34.8	0.0
T15A	Red Dirt Ranch	90.35	51	↓P	P	14 46 35.1	0.0
K11A	Parker Ranch,	90.38	44	↑P	P	14 46 35.4	+0.4
GTA	Gaotai	90.39	312	↑P	P	14 46 35.9	+0.7
GTA				AP	AP	14 46 40.8	-3.5
GTA				XP	XP	14 46 43.3	-4.2
GTA				PPP	PPP	14 52 15.3	
GTA				SKS	SKS	14 57 00.4	
GTA				S	S	14 57 31.3	+3.2
GTA				SS	SS	14 57 39.8	-3.4
GTA				PS	PS	14 58 45.1	+6.6
GTA				AMB	AMB		
GTA	comp=Z, 25nm, 1.2s, mb5.4			AMB	AMB		
GTA	comp=Z, 215nm, 5.7s			LR	LR		
GTA	comp=N, 616nm, 19.8s, MS5.2			LR	LR		
GTA	comp=E, 638nm, 21.3s, MS5.2			LR	LR		
G09A	Cove	90.44	41	↑P	P	14 46 35.0	-0.3
WUAZ	Wupatki	90.46	52	eP	P	14 46 35.2	-0.4
WUAZ	comp=Z, 42nm, 1.1s, mb5.7			LR	LR		
WUAZ	Wupatki	90.46	52	↑P	P	14 46 35.4	-0.2
I10A	Payette	90.49	43	↓P	P	14 46 36.2	+0.7
M12A	Wells	90.50	46	↓P	P	14 46 35.7	+0.1
BMO	Blue Mountains	90.53	42	PFAKE	LR	14 46 50.0	+1.4
BMO	comp=Z, 1um, 19.0s, MS5.3			LR	LR		
F09A	S2 Ranch, Elgi	90.56	41	↑P	P	14 46 36.0	+0.2
B07A	Winthrop	90.60	38	↓P	P	14 46 36.0	+0.1
D08A	Wollman Farm,	90.61	39	↑P	P	14 46 35.9	-0.1
N13A	Wesley West	90.73	46	↓P	P	14 46 37.0	+0.3
A07A	Ashnola River,	90.75	37	↑P	P	14 46 36.9	+0.3
H10A	Noah's Angus R	90.76	42	↓P	P	14 46 36.5	-0.3
L12A	House Creek R	90.76	45	↓P	P	14 46 37.4	+0.6
MFID	Camas Ranch	90.80	44	↑P	P	14 46 37.4	+0.4
E09A	Wood Farm, Sta	90.81	40	↑P	P	14 46 36.8	-0.1
C08A	Higginbotham F	90.89	39	↓P	P	14 46 37.1	-0.2
OD2	Odeza Site #2	90.89	39	↓P	P	14 46 37.3	0.0
I11A	Placerville	90.95	43	↓P	P	14 46 37.9	+0.3
SHL	Shillong	90.95	297	eP	P	14 46 38.0	+0.9
D09A	Jones Farm, Ri	90.97	40	↑P	P	14 46 38.0	+0.3
M13A	Montello	90.98	46	↓P	P	14 46 38.2	+0.3
B08A	Colville Reser	91.01	38	↓P	P	14 46 37.1	-0.7
K12A	Draper Farm, C	91.06	45	↓P	P	14 46 38.4	+0.2
MSU	Marysval	91.13	49	eP	P	14 46 39.4	+0.7
J12A	Stokes Ranch,	91.20	44	↓P	P	14 46 38.9	0.0
H11A	Donnelly	91.28	42	↓P	P	14 46 38.4	-0.7
A08A	Turner Farm, O	91.33	3				



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WLF Walferdange, WTTA Wattenberg, CDF Champ du Feu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FRIM Kepong, PSI Prapat, IPM Ipoh, KSM Kuching, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TLE Tual, MUN Mundaring, KAKA Kakadu, GYA Guiyang, etc.

NEIC 19 14:37:48.8, 1701N; 10028W, h13km, MD4.0 (MEX), After MEX

MEX 19 14:37:49.5-0.7, 1704N; 10027W, h12km, 5km, MD4.0, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayayo, CAIG Acapulco, ACX Mezcala, etc.

MOS 19 15:13:18.5-0.9, 431S; 10298E, h33km, mb5.7/63, MS4.9/12, Error ellipse: s-maj=9.0km s-min=4.8km az=115.8

ISCJB 19 15:13:20.0-0.2, 447S; 003; 10280E; 003, h46km, mb5.4/147, MS4.8/42, Error ellipse: s-maj=4.3km s-min=3.4km az=26.8

BJJ 19 15:13:22.3, 440S; 10300E, h44km, mb5.4, mb5.4, Ms5.0, Ms4.8

GCMT 19 15:13:22.3-0.2, 481S; 10284E, h79km, 1km, MW5.4/73, Moment Tensor Solution. s56, e87; s73, c120; Duration: 1s2

NEIC 19 15:13:22.3-0.1, 439S; 10298E, mb5.5/475, Error ellipse: s-maj=6.2km s-min=3.6km az=47.0

NEIC Felt [V] at Bengkulu and Krui; [I] at Kapahiang, IDC 19 15:13:24.6-1.2, 446S; 10299E, h75km, 9km, mb4.9/21, mb1.5/0/22, mb1mx5.0/22, mbmp4.9/22, MS4.7/13, Ms1.4/7/13, ms1mx4.5/31, Error ellipse: s-maj=14.5km s-min=7.6km az=54.0

ISC 19 15:13:21.9-0.2, 449S; 003; 10279E; 002, h48km, h48km, 4.0km; p-P, n747, s1s03/511, mb5.4/147, MS4.8/42, 121C-128D, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSI Kapahiang, SBJ Serang, TNG Tangerang, PPI Padang Panjang, etc.

FORT Forest 35.36 141 eP P 15 20 14.1 +1.1

ASAR Alice Springs 35.55 125 P P 15 20 14.1 -0.6

ASAR Alice Springs 35.55 125 P P 15 20 14.1 -0.6

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19d 15h

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes entries like NOA NORSAR Array B, CLZ Clausthal, DAVA Damuels, etc.

2007 FEB

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes entries like D12A Red Ives Fores, M08A Drewsey, J08A Modoc, etc.

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Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes entries like M13A Montello, Q10A Clear Creek Ra, P11A Circle Ranch, etc.



19d 19h

NEIC 19 16:47:07.0.0.6, 4667N, 15547E, h10km, mb4.2/1, Error ellipse: s-maj=16.3km s-min=12.4km az=133.0

MOS 19 16:47:07.8.1.7, 4683N, 15544E, h33km, mb4.2/7, Error ellipse: s-maj=20.9km s-min=12.7km az=72.1

IS/CJB 19 16:47:08.7.0.7, 467N, 15533E, h10km, mb3.7/11, Error ellipse: s-maj=19.5km s-min=11.4km az=145.0

ISC 19 16:47:10.9.0.7, 467N, 1554E, h10km, mb3.7/11, Error ellipse: s-maj=19.5km s-min=11.4km az=145.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Petropavlovsk, ASAHIKAWA, etc.

KRSC 19 16:48:09.2.2.5, 5175N, 15464E, h504km, 53km, ML4.6

MOS 19 16:48:10.6.0.7, 5257N, 156.0E, h440km, mb3.6/7, Error ellipse: s-maj=20.2km s-min=17.2km az=66.5

IS/CJB 19 16:48:11.2.0.6, 525N, 153.4E, h442km, 8km, mb3.3/12, Error ellipse: s-maj=19.9km s-min=16.6km az=150.8

NEIC 19 16:48:16.5.5.1, 5260N, 15328E, h494km, 61km, mb3.9/11, Error ellipse: s-maj=19.4km s-min=14.5km az=169.0

ISC 19 16:48:17.2.1.7, 5261N, 15327E, h502km, 84km, mb2.9/11, Error ellipse: s-maj=22.2km s-min=16.8km az=167.0

ISC 19 16:48:12.1.0.6, 525N, 153.4E, h442km, 9km, n39, Error ellipse: s-maj=19.9km s-min=16.6km az=150.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Malaya Ipe'l'ka, Alaid, Ganaly, etc.

ISC 19 16:48:12.1.0.6, 525N, 153.4E, h442km, 9km, n39, Error ellipse: s-maj=19.9km s-min=16.6km az=150.8

ISC 19 16:48:12.1.0.6, 525N, 153.4E, h442km, 9km, n39, Error ellipse: s-maj=19.9km s-min=16.6km az=150.8

ISC 19 16:48:12.1.0.6, 525N, 153.4E, h442km, 9km, n39, Error ellipse: s-maj=19.9km s-min=16.6km az=150.8

2007 FEB

SSNC 19 16:59:22.1, 1918N, 7002W, h20km, MD3.4, ML2.7

NEIC 19 16:59:29.6, 1955N, 7050W, h27km, MD4.2(RSPR), After RSPR.

RSPR 19 16:59:29.6, 1955N, 7050W, h27km, 45km, MD4.2/9, MD4.2/9, 12C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Presa de Saban, Santo Domingo, Cabo Rojo, PR, etc.

ISC/JB 19 17:12:10.7.0.9, 18N, 102.1272E, 0.5, h33km, mb3.9/7, Error ellipse: s-maj=72.0km s-min=11.9km az=161.0

ISC 19 17:12:16.2.8.9, 181N, 127.49E, h69km, 85km, mb3.6/5, mb1.3/7.6, mb1mx3.5/17, mb1mx3.6/6, ML3.6/1, Error ellipse: s-maj=90.9km s-min=22.1km az=70.0

NEIC 19 17:12:17.8.5.0, 179N, 127.44E, h86km, 48km, mb4.0/2, Error ellipse: s-maj=50.5km s-min=13.5km az=68.0

ISC 19 17:12:13.0.0.9, 17N, 102.1272E, 0.4, h35km, n13, c0936/11, mb3.9/7, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, etc.

ISC 19 17:29:00.7.2.9, 1584S, 1672W, h0km, mb3.8/4, mb1.4/2.4, mb1mx3.9/14, mb1mx3.8/4, MS3.8/4, MS1.3/8.4, s-min=26.2km az=155.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Honiara, Papeete, Warramunga Arr, etc.

NEIC 19 17:58:35.1, 1953N, 6776W, h35km, MD3.5(RSPR), After RSPR.

RSPR 19 17:58:35.1, 1953N, 6776W, h35km, 22km, MD3.5/3, MD3.5/3, 6C, Monaco Passage

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Las Mesas, LRS, Arecibo Observ, etc.

KRSC 19 18:52:20.9.0.6, 5139N, 15802E, h91km, 81km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Russkaya, Gorelyy, Malaya Ipe'l'ka, etc.

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MEX 19 18:57:24.0.0.5, 1703N, 10026W, h10km, 1km, MD3.8, Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like El Cayaco, Acapulco, Mezzala, etc.

WEL 19 19:04:35.7.0.3, 3666S, 17744E, h169km, 5km, ML3.5/3, Error ellipse: s-maj=5.5km s-min=5.4km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Matakaoa Point, Puketiti, Urewera, etc.

NEIC 19 19:06:17.0, 3329S, 6859W, h3km, ML4.1(GUC), 3C-3D, After GUC., Mendoza Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Farellones, Cerro Calan, Pirque, etc.

ISC 19 19:24:09.3.0.4, 2302S, 7057W, h0km, mb5.2/19, mb1.5/3/22, mb1mx5.3/23, mb1mx5.2/22, ML4.9/3, MS4.8/15, MS1.4/7.15, ms1mx4.6/19, Error ellipse: s-maj=17.5km s-min=1.3km az=85.0

GCMT 19 19:24:10.6.0.2, 2303S, 7099W, h18km, MM5.5/72, Moment Tensor Solution, s65, c101, s72, c120; Duration: 1s3; Moment tensor: Scale 10^17Nm; Mo-0.90; 03; Mo0.19; 02; Mo-1.09; 03; Mo0.03; 04; Mo-1.11; 01; Mo-1.61; 10; Best double couple: Mo1.89600/107; NP1.0; 13.00000; 6.16.00000; lambda.103.00000; NP2.0; 180.00000; 574.00000; lambda.86.00000; Principal axes: T 1.8000, Plg161.0000, Azm84.0000; P -1.9920, Plg29.0000; Azm273.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=150s.

NEIC 19 19:24:10.6.0.1, 2305S, 7047W, h10km, mb5.5/19, MS4.8/19, ML2.5(GUC) Error ellipse: s-maj=5.7km s-min=4.2km az=99.0

NEIC FELT [IV] at Antofagasta and Mejillones; [III] at Baquedano and Maria Elena; [II] at Tocopilla; [I] at Iquique. Felt [III] at Mendoza, Argentina.

ISC/JB 19 19:24:10.9.1.1, 2302S, 003.7046W, 0.03, h18km, 7km, MS4.8/9, Error ellipse: s-maj=5.3km s-min=4.3km az=140.1

GUC 19 19:24:12.4.0.9, 2313S, 7067W, h43km, 9km, ML5.2

LDG 19 19:24:12.2.0.9, 2179S, 7054W, h10km, mb5.5/19, MS4.8/9, Error ellipse: s-maj=7.1km s-min=5.1km az=99.0

BJJ 19 19:24:12.6.2305S, 7050W, h10km, MB5.5, Ms3.5, Msz3.5

MOS 19 19:24:14.1.1.2, 2264S, 7047W, h33km, MB5.5/68, MS4.7/14, Error ellipse: s-maj=10.7km s-min=6.4km az=90.8

ISC 19 19:24:13.2.1.0, 2307S, 003.7042W, 0.03, h22km, 7km, n708, c0936/563, mb5.5/167, MS4.8/4/1, 119C-99D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Los Morros, Antofagasta, Cerro Paranal, Caldera, Copiapo, etc.

Table with columns: SIV, San Ignacio, 11.28 53 Pn, Pn, 19 26 52.9 -0.2, NVL, comp=N, 141nm, 13.0s, MS4.7, MLR, MLR, EOSO Osorio, 73.39 49 P, P, 19 35 43.9 +0.2

Table with columns: NVL, comp=N, 141nm, 13.0s, MS4.7, MLR, MLR, EOSO Osorio, 73.39 49 P, P, 19 35 43.9 +0.2

Table with columns: EOSO Osorio, 73.39 49 P, P, 19 35 43.9 +0.2, S12A Delamar Landin, 73.41 325 J P, P, 19 35 44.4 +0.8

CMB	comp=Z,36nm,1.3s,mb5.1 Columbia Colle 76.78 322 ↑P	P	19 36 02.7 -0.3	D14A	Greenough baz=80,SNR=8.9 79.97 332 ↑P	P	19 36 20.1 0.0	BOSA	Boshof comp=Z,276nm,0.9s,mb5.8 83.94 118 eP	P	19 36 42.1 +0.1
K13A	Stover Farm, H 76.79 328 ↑P	P	19 36 04.0 +1.1	J07A	Hines baz=80,SNR=8.0 79.92 326 ↑P	P	19 36 20.5 +0.3	BOSA	Boshof comp=Z,76nm,0.9s,mb5.8 83.94 118 eP	P	19 36 42.1 +0.1
L12A	House Creek Ra baz=77,SNR=12 76.77 328 P	P	19 36 04.1 +0.7	I08A	Dresley baz=80,SNR=12 79.93 327 ↑P	P	19 36 21.1 +0.8	BOSA	Boshof comp=Z,276nm,0.9s,mb5.8 83.94 118 eP	P	19 36 42.1 +0.1
YMR	Madison River comp=Z,114nm,1.4s,mb5.5 76.92 332 eP	P	19 36 04.5 +0.9	M03C	McCloud baz=80,SNR=6.2 79.97 323 ↑P	P	19 36 20.0 -0.5	BOSA	Boshof comp=Z,48nm,0.7s,mb5.7,baz=257,slow=4.2,SNR=66 83.94 118 eP	P	19 36 42.1 +0.1
R05C	Kirkwood Meado baz=77 77.06 322 ↑P	P	19 36 05.4 +0.8	BMO	Blue Mountains comp=Z,59nm,1.3s,mb5.7 79.99 328 eP	P	19 36 20.1 -0.4	D05A	Enunulaw baz=84 83.94 328 ↑P	P	20 10 59.4
M10A	L.L. Ranch, Tu 77.17 326 ↑P	P	19 36 05.9 +0.8	K06A	Valley Falls baz=80,SNR=11 80.01 325 ↑P	P	19 36 21.2 +0.5	PBVD	Barranco-do-Ve comp=Z,194nm,1.2s,mb5.1 84.00 45 eP	P	19 36 43.4 +1.6
K12A	Draper Farm, C baz=77,SNR=16 77.18 328 ↑P	P	19 36 05.8 +0.7	H09A	Durkee baz=80,SNR=11 80.03 328 ↑P	P	19 36 20.7 0.0	PMAFR	Holtra 84.11 43 eP	P	19 36 45.3 +1.2
N09A	Rock Creek Ran baz=77 77.19 325 ↑P	P	19 36 04.8 -0.5	M04C	Maddoel baz=80,SNR=11 80.16 324 ↑P	P	19 36 21.4 -0.2	PVAQ	Vaqueiros comp=Z,155nm,1.5s,mb5.9 84.23 45 eP	P	19 36 44.6 +1.6
L11A	Cat Creek Ranc baz=78,SNR=8.7 77.25 327 P	P	19 36 06.1 +0.6	O01C	Eel River Cons baz=80,SNR=11 80.17 321 ↑P	P	19 36 21.4 -0.3	EGRO	El Granado comp=Z,336nm,1.4s,mb5.3 84.45 45 ↑P	P	19 36 45.1 +1.0
QLMT	Earthquake Lak 77.25 331 eP	P	19 36 06.0 +0.5	F11A	Grangeville baz=80,SNR=18 80.20 329 P	P	19 36 21.6 -0.1	MOE	Montemor 84.45 44 eP	P	19 36 45.3 +1.2
WCN	Washoe City 77.30 327 eP	P	19 36 06.4 +0.5	J06A	Christmas Vall baz=80,SNR=14 80.28 326 ↑P	P	19 36 22.3 +0.2	A07A	Astnola River, baz=85,SNR=9.1 84.47 330 ↑P	P	19 36 43.8 -0.2
DGMT	Dagmar comp=Z,69nm,0.9s,mb5.6 77.37 338 eP	P	19 36 06.2 +0.1	K05A	Sumner Lake baz=80,SNR=7.1 80.30 325 ↑P	P	19 36 22.9 +0.6	PBEJ	Beja comp=Z,106nm,1.3s,mb5.2 84.48 45 eP	P	19 36 46.2 +1.9
J13A	Cove Ranch, Pi baz=78,SNR=14 77.40 329 ↑P	P	19 36 06.8 +0.4	D13A	Huson baz=81,SNR=32 80.34 331 ↑P	P	19 36 22.8 +0.4	EDM	Edmonton 84.68 336 eP	P	19 36 41.0 -3.5
A07A	Toulo baz=78,SNR=13 77.42 324 ↑P	P	19 36 06.6 +0.1	M02C	Callahan 80.45 323 ↑P	P	19 36 22.9 -0.3	EVO	Evora 85.05 43 eP	P	19 36 46.1 +0.8
L00A	Lava Cap Winer baz=78 77.47 322 ↑P	P	19 36 06.9 0.0	I07A	Izeze baz=81,SNR=12 80.53 326 ↑P	P	19 36 23.9 +0.4	PTOM	Tomar comp=Z,189nm,1.1s,mb6.1 85.12 46 ↑P	P	19 36 48.7 +1.2
L10A	Juniper Basin baz=78,SNR=30 77.54 327 P	P	19 36 07.5 +0.3	G09A	Cove baz=81 80.53 328 ↑P	P	19 36 23.8 +0.3	PESTR	Estremoz 85.14 44 eP	P	19 36 48.3 +0.7
M09A	Marrel Ranch, baz=78 77.57 326 ↑P	P	19 36 08.0 +0.7	C14A	Swan Lake 80.54 332 ↑P	P	19 36 23.9 +0.4	ESPR	Espera comp=Z,356nm,1.2s,mb5.4 85.16 47 ↑P	P	19 36 49.1 +1.3
HLID	Hailey comp=Z,52nm,1.2s,mb5.3 77.64 329 eP	P	19 36 08.1 +0.4	E11A	Bogner Ranch, comp=Z,11nm,1.0s,mb5.8 80.58 330 ↑P	P	19 36 23.3 -0.3	EJIF	Jimena Fronter comp=Z,146nm,1.0s,mb6.1 85.19 47 ↑P	P	19 36 49.5 +1.6
HLID	Hailey comp=Z,279nm,19.0s,MS4.6 77.64 329 ↑P	P	19 36 08.5 +0.8	YBH	Yreka Blue Hor comp=Z,11nm,1.0s,mb5.8 80.60 323 eP	P	19 36 22.3 -1.7	EJIF	Jimena Fronter comp=Z,146nm,1.0s,mb6.1 85.19 47 ↑P	P	19 36 49.5 +1.6
SCHO	Schefferville 77.64 2 P	P	19 36 06.5 -1.0	YBH	Yreka Blue Hor comp=Z,11nm,1.0s,mb5.8 80.60 323 eP	P	19 36 22.3 -1.7	EBAD	Badajoz comp=Z,100nm,1.0s,mb5.9 85.45 45 eP	P	19 36 50.1 +1.0
SCHO	Schefferville 77.64 2 P	P	19 36 06.5 -1.0	YBH	Yreka Blue Hor comp=Z,11nm,1.0s,mb5.8 80.60 323 eP	P	19 36 22.3 -1.7	LBTB	Lobatse comp=Z,55nm,1.3s,mb5.6 85.63 115 eP	P	19 36 50.6 +0.1
J12A	Stokes Ranch, baz=79,SNR=13 77.73 328 ↑P	P	19 36 08.4 +0.2	D12A	Red Vies Fores baz=81 80.71 331 ↑P	P	19 36 24.5 +0.1	EMIJ	Mijas comp=Z,161nm,1.1s,mb5.2 85.72 47 ↑P	P	19 36 51.2 +0.7
I13A	Wildhorse Cree baz=78,SNR=27 77.77 329 P	P	19 36 09.1 +0.8	F10A	Beach Ranch, E baz=81 80.77 329 ↑P	P	19 36 25.4 +0.7	PCBR	Castelo Branco comp=Z,59nm,1.1s,mb5.7 85.77 43 eP	P	19 36 51.6 +0.9
P05C	Yuba Gap, Truc 77.78 322 ↑P	P	19 36 09.1 +0.6	I06A	Prineville baz=81,SNR=9.4 80.79 326 ↑P	P	19 36 25.1 +0.2	PVIS	Viseu comp=Z,92nm,1.3s,mb5.6 86.00 43 eP	P	19 36 52.6 +0.8
K11A	Parker Ranch, baz=78 77.83 327 eP	P	19 36 09.2 +0.4	C13A	Hot Springs baz=81,SNR=16 80.83 322 ↑P	P	19 36 25.4 +0.4	MTE	Manteigas comp=Z,92nm,1.3s,mb5.6 86.04 43 eP	P	19 36 54.2 +2.2
MCMT	McKenzie Canyo 77.88 331 eP	P	19 36 09.6 +0.7	J05A	Fort Rock baz=81,SNR=8.1 80.87 325 ↑P	P	19 36 25.6 +0.3	PVRL	Vila Real 86.43 42 eP	P	19 36 54.5 +0.6
N07B	Gerlach 77.91 324 ↑P	P	19 36 09.4 +0.2	F09A	S2 Ranch, Elgi 80.90 328 ↑P	P	19 36 25.2 -0.2	ELOJ	Sierra Loja comp=Z,88nm,1.0s,mb5.9 86.46 47 ↑P	P	19 36 55.4 +1.2
O06A	Flanigan baz=78 77.94 323 ↑P	P	19 36 10.0 +0.5	H07A	Lands Inn, Kim baz=81 80.92 327 ↑P	P	19 36 25.9 +0.4	ELOJ	Sierra Loja comp=Z,88nm,1.0s,mb5.9 86.46 47 ↑P	P	19 36 55.4 +1.2
BOZ	Bozeman (W) comp=Z,25nm,1.3s,mb5.0 77.98 332 eP	P	19 36 08.8 -0.7	TSUM	Tsumeb comp=Z,61nm,1.0s,mb5.7 80.93 107 eP	P	19 36 27.6 +1.2	PCAB	Cabril 86.49 42 eP	P	19 36 54.9 +0.7
BOZ	Bozeman (W) 77.98 332 eP	P	19 36 08.8 -0.7	BSMT	Bassoco Peak 81.06 332 P	P	19 36 26.7 +0.4	EALB	Alboran comp=Z,178nm,1.3s,mb6.1 86.60 47 ↑P	P	19 36 56.4 +1.6
BOZ	Bozeman (W) 77.98 332 eP	P	19 36 08.8 -0.7	KTRM	Thompson Ridge 81.09 323 P	P	19 36 26.7 +0.1	ELUO	Luque comp=Z,220nm,1.2s,mb6.3 86.60 47 ↑P	P	19 36 56.3 +1.5
BOZ	Bozeman (W) 77.98 332 eP	P	19 36 08.8 -0.7	E10A	Myers Farm, Un 81.09 329 P	P	19 36 26.5 +0.1	ELUO	Luque comp=Z,220nm,1.2s,mb6.3 86.60 47 ↑P	P	19 36 56.3 +1.5
G15A	Dillon baz=78,SNR=12 77.98 331 ↑P	P	19 36 10.0 +0.5	G08A	Pilot Ranch baz=81,SNR=8.0 81.11 328 P	P	19 36 26.6 0.0	ELUO	Luque comp=Z,220nm,1.2s,mb6.3 86.60 47 ↑P	P	19 36 56.3 +1.5
BEKR	Beckwourth baz=78,SNR=6.5 78.03 323 eP	P	19 36 10.2 +0.2	B13A	Whitefish baz=82,SNR=14 81.32 332 P	P	19 36 27.8 +0.2	ERON	Agron comp=Z,11nm,1.2s,mb5.0 86.62 47 P	P	19 36 55.3 +0.3
DLMT	Dillon comp=Z,49nm,1.2s,mb5.3 78.18 331 eP	P	19 36 10.7 0.0	L02A	Cave Junction 81.38 323 ↑P	P	19 36 27.6 -0.5	EMAZ	Mazaricos comp=Z,403nm,2.0s,mb6.3 86.72 46 P	P	19 36 54.2 -0.7
MFID	Camas Ranch baz=78,SNR=9.6 78.18 331 eP	P	19 36 11.1 +0.2	F08A	Pendleton baz=82,SNR=5.5 81.39 328 ↑P	P	19 36 27.6 -0.4	EADZ	Adamuz comp=Z,136nm,1.5s,mb6.0 86.80 43 eP	P	19 36 56.2 +0.8
K10A	MacKenzie Ranc baz=78,SNR=11 78.26 327 ↑P	P	19 36 11.3 +0.1	VIPM	Ingram Point 81.39 326 P	P	19 36 28.6 +0.5	MVO	Moncorvo comp=Z,42nm,1.1s,mb6.5 86.80 43 eP	P	19 36 55.9 +0.2
H13A	Challis baz=78,SNR=30 78.32 330 ↑P	P	19 36 12.2 +0.7	H06A	Lindquist Farm baz=82,SNR=6.9 81.41 327 P	P	19 36 28.8 +0.6	STS	Santiago comp=Z,59nm,1.0s,mb5.7 86.85 40 P	P	19 36 56.3 +0.3
N06A	Buffalo Meadow baz=79,SNR=16 78.35 324 eP	P	19 36 11.7 -0.1	G07A	Ruggs Ranch, H baz=82,SNR=10 81.45 327 ↑P	P	19 36 29.0 +0.6	STS	Santiago comp=Z,59nm,1.0s,mb5.7 86.85 40 P	P	19 36 56.3 +0.3
NSHM	Saint Helena R 78.39 321 eP	P	19 36 11.1 -0.8	I05A	Bend baz=82 81.49 326 ↑P	P	19 36 29.3 +0.6	STS	Santiago comp=Z,59nm,1.0s,mb5.7 86.85 40 P	P	19 36 56.3 +0.3
O05C	Quincy baz=79,SNR=5.6 78.40 323 P	P	19 36 12.2 +0.2	D10A	Wagner Farm, O baz=82,SNR=11 81.59 330 ↑P	P	19 36 28.6 -0.4	ECOG	Cogollos-Vega comp=Z,40nm,1.3s,mb5.3 86.92 47 P	P	19 36 56.2 -0.3
OR7A	Soldier Meadow baz=79,SNR=13 78.45 325 ↑P	P	19 36 12.0 -0.2	E09A	Wood Farm, Sta 81.60 329 ↑P	P	19 36 28.8 -0.3	ECOG	Cogollos-Vega comp=Z,40nm,1.3s,mb5.3 86.92 47 P	P	19 36 56.2 -0.2
M07A	Oroville baz=79,SNR=15 78.45 322 ↑P	P	19 36 12.6 +0.3	WALA	Waterton Lakes comp=Z,40nm,0.8s,mb5.4 81.60 333 eP	P	19 36 29.1 0.0	ECOG	Cogollos-Vega comp=Z,40nm,1.3s,mb5.3 86.92 47 P	P	19 36 56.2 -0.2
F15A	Butte baz=79,SNR=19 78.50 331 eP	P	19 36 12.4 0.0	A13A	Flathead Natio baz=82,SNR=84 81.72 332 ↑P	P	19 36 30.1 +0.4	EBER	Berja comp=Z,171nm,2.0s,mb5.9 87.18 48 P	P	19 36 57.7 0.0
L08A	Fields baz=79,SNR=11 78.58 326 ↑P	P	19 36 13.0 0.0	K02A	Glendale baz=82 81.73 324 ↑P	P	19 36 29.9 -0.1	EBAN	Banos Encina 87.24 46 P	P	19 36 58.5 +0.5
H12A	Diamond D Ranc baz=79,SNR=14 78.59 329 ↑P	P	19 36 13.0 0.0	B12A	Libby baz=82 81.88 322 ↑P	P	19 36 31.2 +0.7	EBAN	Banos Encina 87.24 46 P	P	19 36 58.5 +0.5
K09A	Rome baz=79,SNR=9.7 78.63 326 ↑P	P	19 36 13.2 0.0	G06A	Carson Farm, baz=82 81.91 327 ↑P	P	19 36 31.1 +0.3	PBRG	Braganca comp=Z,40nm,1.7s,mb5.4 87.34 42 eP	P	19 36 59.3 +1.0
G13A	Cobalt baz=79,SNR=8.6 78.71 330 ↑P	P	19 36 14.5 +0.9	CROR	Criterion Ridg 81.92 326 P	P	19 36 31.4 +0.5	ECAL	Calabar comp=Z,125nm,1.4s,mb6.0 87.42 41 P	P	19 36 58.8 +0.1
O04C	Chester baz=79,SNR=6.1 78.74 323 P	P	19 36 14.2 +0.3	D09A	Jones Farm, Pi baz=82,SNR=9.4 82.08 329 ↑P	P	19 36 31.5 -0.1	ERUA	La Rua comp=Z,32nm,0.8s,mb5.6 87.42 41 P	P	19 36 59.5 +0.8
ELFS	Eagle Lake Fie baz=79,SNR=15 78.75 323 ↑P	P	19 36 14.3 +0.4	FFC	Flin Flon comp=Z,131nm,1.1s,mb5.8,SNR=11 82.08 342 eP	P	19 36 30.8 -0.6	ERUA	La Rua comp=Z,32nm,0.8s,mb5.6 87.42 41 P	P	19 36 59.5 +0.8
F14A	Wisdom baz=79,SNR=20 78.87 331 eP	P	19 36 15.2 +0.7	FFC	Flin Flon comp=Z,39nm,1.3s,mb5.2 82.08 342 eP	P	19 36 30.3 -1.1	ERUA	La Rua comp=Z,32nm,0.8s,mb5.6 87.42 41 P	P	19 36 59.5 +0.8
A07A	Adell baz=79,SNR=8.7 78.98 325 ↑P	P	19 36 15.8 +0.6	FFC	Flin Flon 82.08 342 eP	P	19 36 30.3 -1.1	EQUES	Quesada comp=Z,62nm,1.3s,mb5.7 87.53 47 P	P	19 36 58.9 -0.5
SUR	Sutherland comp=Z,617nm,0.8s,mb6.6,SNR=15 79.00 120 P	P	19 36 17.3 +1.6	J02A	Umpqua baz=82 82.17 324 ↑P	P	19 36 32.4 +0.2	ENIJ	Nijar comp=Z,18nm,1.0s,mb5.3 87.69 48 P	P	19 37 00.1 0.0
SUR	Sutherland comp=Z,71nm,0.8s,mb5.7 79.00 120 eP	P	19 36 17.6 +1.9	HAWA	Haward comp=Z,54nm,1.0s,mb5.4 82.18 328 eP	P	19 36 32.0 -0.2	ENIJ	Nijar comp=Z,18nm,1.0s,mb5.3 87.69 48 P	P	19 37 00.1 0.0
SUR	Sutherland comp=Z,71nm,0.8s,mb5.7 79.00 120 eP	P	19 36 17.6 +1.9	B11A	Sandpoint baz=82,SNR=5.7 82.20 331 P	P	19 36 31.9 -0.4	ESDC	Sonsea Array comp=Z,19nm,1.0s,mb5.3 87.93 45 P	P	19 37 01.7 +0.5
M06C	Likely Place G baz=82,SNR=8.7 79.02 324 ↑P	P	19 36 15.4 0.0	A12A	Yaak River Ran baz=82,SNR=14 82.25 332 ↑P	P	19 36 32.6 +0.1	ESDC	Sonsea Array comp=Z,19nm,1.0s,mb5.3 87.93 45 P	P	19 37 01.7 +0.5
E15A	Deer Lodge baz=79,SNR=13 79.02 332 P	P	19 36 15.6 +0.3	G05A	Wamic baz=82 82.26 326 ↑P	P	19 36 30.3 +0.3	ESDC	Sonsea Array comp=Z,19nm,1.0s,mb5.3 87.93 45 P	P	19 37 01.7 +0.5
K08A	Mann Creek Ran baz=79,SNR=13 79.04 326 ↑P	P	19 36 15.4 -0.1	GBL	Gable Mountain 82.29 328 P	P	19 36 32.9 +0.1	EVIA	Vianos comp=Z,245nm,18.3s,MS4.7,baz=225,slow=37 88.35 47 P	P	19 37 03.4 +0.1







Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLG Polygyros, APE Apeiranthos, KARN Karanos, etc.

ISCJB 19 20:28:40.2±1.1, 3689N-008.2685E, 0.05, h12km, 10km, Error ellipse: s-maj=14.3km s-min=6.5km az=10.7

CSEM 19 20:28:42.9, 3678N-2683E, h36km, MD3.2/6, After ATH ATH 19 20:28:42.9, 3678N-2683E, h36km, MD3.1/6

NEIC 19 20:28:42.9, 3678N-2683E, h36km, MD3.1(ATH), After ATH.

ISC 19 20:28:41.4±1.2, 3686N-009.2687E, 0.05, h14km, 10km, n23, r194/35, 3C-3D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAT Datica, YER Yerkesik, ARG Arkhangelos, etc.

IDC 19 20:31:05.2±4.7, 2938N-14178E, h0km, mb3.3/3, mb1 3.4/4, mb1mx3.3/20, mbtmt3.2/4, ML3.3/1, WS3.6/1, Ms1 3.6/1, ms1mx3.2/11, Error ellipse: s-maj=171.0km s-min=28.9km az=73.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, GUMO Guam, SONM Songoing Array, etc.

IDC 19 20:39:50.4±1.9, 108N-12592E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/17, mbtmt3.4/3, Error ellipse: s-maj=190.4km s-min=23.8km az=65.0, Northern Molucca Sea

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

ISCJB 19 21:20:47.9±0.3, 4621N-001.12220W, 0.02, h2km, 3km, Error ellipse: s-maj=2.9km s-min=2.3km az=175.4

PNSN 19 21:20:48.0, 4620N-12219W, h1km, MD2.9, Fault plane solution: NP1: 267.00000°, 851.00000°, NP2: 267.00000°, 880.00000°, Principal axes: T P1g3.00000°, Azm234.00000°, P P1g19.00000°, Azm130.00000°

NEIC 19 21:20:48.0, 4620N-12219W, h1km, MD2.9(SEA), After SEA.

ISC 19 21:20:48.3±0.3, 4620N-001.12221W, 0.02, h4km, 2km, n45, r052/66, 30C-32D, Washington

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like F03A Seaside, D04A Dobbs Creek Ra, D05A Gnutlaw, etc.

ISCJB 19 21:23:59.8±0.6, 4042N-005.14208E, 0.09, h76km, 5km, mb3.7/7, Error ellipse: s-maj=11.5km s-min=7.6km az=8.2

NEIC 19 21:24:00.9±0.1, 4041N-142.01E, h65km, Mw3.8, Best double couple: M=6.31000e+10, NP1: 353.00000°, 330.00000°, 1.95.00000°, NP2: 167.00000°, 361.00000°, 1.87.00000°

JMA 19 21:24:00.9±0.1, 4041N-142.01E, h66km, 1km, M3.8, Broadband fault plane solution: P waves: NP1: 29.00000°, 824.00000°, 1.127.00000°, NP2: 169.00000°, 371.00000°, 1.75.00000°, Principal axes: T P1g61.00000°, Azm57.00000°, N P1g14.00000°, Azm174.00000°, P P1g25.00000°, Azm271.00000°

JMA Felt II J1. NEIC 19 21:24:01.6±1.1, 4043N-142.06E, h80km, 11km, mb4.4/1, Error ellipse: s-maj=18.4km s-min=11.1km az=118.0

IDC 19 21:24:02.2±2.5, 4041N-142.11E, h88km, 23km, mb3.4/6, mb1 3.4/9, mb1mx3.3/24, mbtmt3.3/9, Error ellipse: s-maj=27.1km s-min=18.5km az=91.0

ISC 19 21:24:00.9±0.6, 4043N-005.14206E, 0.09, h69km, 5km, n49, r069/29, mb3.7/7, 6C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JANG Nango, JTH Tanohata, JKZ Kuzumaki, etc.

IDC 19 21:28:13.6±2.4, 398S-12858E, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.4/17, mbtmt3.5/3, ML2.9/1, Error ellipse: s-maj=193.0km s-min=28.9km az=68.0, Seram

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

ATH 19 21:34:04.4, 4122N-2500E, h24km, 5km, MD3.4/5

NEIC 19 21:34:04.4, 4122N-2500E, h24km, MD3.4(ATH), MD2.9(SOF), After ATH.

SOF 19 21:34:04.4, 41.10N-2499E, h10km, MD2.9

CSEM 19 21:34:04.3±0.1, 41.15N-2496E, h2km, MD3.4, Error ellipse: s-maj=1.8km s-min=1.4km az=165.0

THE 19 21:34:05.0, 41.09N-2495E, h2km, ML3.1

ISC 19 21:34:04.6±0.4, 41.09N-002.2494E, 0.02, h0km, 2km, n93, r1917/130, 7C-1D, Greece-Bulgaria border region

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

NEIC 19 21:34:35.5, 3749S-17605E, h264km, MG3.9(WEL), After WEL

WEL 19 21:34:35.1±0.3, 3751S-17612E, h268km, 3km, ML3.9/18, Error ellipse: s-maj=5.5km s-min=5.0km az=0.0, North Island

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

Table with columns: Code, Station Name, Az, El, Op, P, H, M, S, Res, ISC. Lists various stations like MWZ, TWVZ, WTVZ, etc.

Table with columns: Code, Station Name, Az, El, Op, P, H, M, S, Res, ISC. Lists stations like IDC, ISB, KUR, etc.

Table with columns: Code, Station Name, Az, El, Op, P, H, M, S, Res, ISC. Lists stations like KWP, BURAR, MORC, etc.

IDC 19 21:44:27.2, 3.6, 4426N, 81.02E, h0km, mb1 3.5/3, mb1mx3.2/24, mbmp3.6/3, ML3.6/2, Error ellipse: s-maj=48.9km s-min=26.6km az=94.0

IDC 19 21:58:13.7, 3.9, 4640N, 152.95E, h54km, 36km, mb3.6/16, mb1 3.8/18, mb1mx2.8/24, mbmp3.6/18, ML3.8/2, MS3.5/2, Ms1 3.5/2, ms1mx2.8/30, Error ellipse: s-maj=21.0km s-min=17.1km az=161.0

IDC 19 21:58:14.5, 1.1, 461N, 011.52729E, 010, h66km, 11km, n105, r132/116, mb4.0/27, 14C-7D, Kuril Islands

Table with columns: Code, Station Name, Az, El, Op, P, H, M, S, Res, ISC. Lists stations like MK31, MKAR, MKAR, etc.

Table with columns: Code, Station Name, Az, El, Op, P, H, M, S, Res, ISC. Lists stations like MKAR, ZALV, ZAL, etc.

Table with columns: Code, Station Name, Az, El, Op, P, H, M, S, Res, ISC. Lists stations like KARP, KARP, ARG, etc.

BUI 19 21:58:08.3, 4671N, 153.38E, h28km, mb4.7, mb4.2, Ms4.5, Ms2.4

NEIC 19 21:58:08.1, 0.6, 4646N, 153.00E, h10km, mb4.6/10, Error ellipse: s-maj=14.6km s-min=10.5km az=141.0

NIED 19 22:18:00, 3020N, 137.10E, h520km, Mw4.3 Best double couple: M3.36000x1015 N1.13x53.00000x.856.00000, lambda-177.00000, NP2.321.00000, .887.00000, lambda-33.00000





Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MAJO Matushiro, YAK Yakutsk, INCN Incheon, etc.

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

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

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

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

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

ISCJB 20 01:00:00.4:1.4, 2419S, 006.671W, 0.2, h226km, 13km, mb1.8/2, Error ellipse: s-maj=24.5km s-min=9.2km az=5.4

NEIC 20 01:00:00.5:1.6, 2415S, 67.02W, h209km, 14km, mb3.8/4, Error ellipse: s-maj=30.7km s-min=10.5km az=84.0

GUC 20 01:00:00.9:0.5, 2429S, 67.43W, h230km, MD3.8, ML4.2, Error ellipse: s-maj=30.7km s-min=10.5km az=84.0

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CEN1 Los Morros, CPN1 Cerro Paranal, ANCH Antofagasta, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AKAB Malin Array Si, KIEV Kiev, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ANTO Ankara, KWP Kalwaria, CSS Prodromos, etc.

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

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

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 20 02:22:16.8, 2537S, 70.00W, h80km, MD3.7, etc.

ISCJB 20 01:32:52.2:1.8, 2401S, 007.71984W, 0.10, h456km, 22km, mb4.0/18, Error ellipse: s-maj=14.4km s-min=10.7km az=21.7

BUI 20 01:32:52.0, 2390S, 17901W, h494km, mb4.9, mb4.4, NEIC 20 01:32:54.3:1.0, 2406S, 17977W, h476km, 11km, mb4.5/6,

ISC 20 01:39:13.2:1.1, 0, 413N, -12376E, h10km, 116km, mb3.6/7, mb1.3/7, mb1mx3.5/20, mbtmp3.6/7, Error ellipse: s-maj=93.2km s-min=22.3km az=67.0, Celebes Se

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





GERES GERESS Array B 148.04 331 PKPbc PKPbc 04 40 41.3 -1.5
GERES GERESS Array B 148.04 331 PKPbc PKPbc 04 40 41.3 -1.5

IDC 20 04:58:33.4-0.9, 4202N:14974E, h0km, mb3.7/6,
mb1.3/0.5, mb1mx3.5/2.2, mbtmp3.7/6, Error ellipse:
s-maj=140.4, s-min=39.5km az=7.0, Off southeast
coast of Hokkaido

ISCJCB 20 04:59:22.7-0.3, 5146N:002:1608E:002, h0km, mb3.5/2,
Error ellipse: s-maj=2.4km s-min=1.7km az=10.3
LDG 20 04:59:22.6-0.3, 5155N:1605E, h1km, ML3.8/4, Error
ellipse: s-maj=7.9km s-min=4.0km az=15.0, Suspected
Mining Induced.

NEIC 20 04:59:23.8-0.4, 5157N:1604E, h5km, ML3.1(PRU), Error
ellipse: s-maj=5.4km s-min=4.0km az=21.0
IPEC 20 04:59:24.9-0.3, 5149N:1652E, h0km, ML3.0/4, Error
ellipse: s-maj=3.8km s-min=2.0km az=87.0
IDC 20 04:59:25.0-0.6, 5152N:1587E, h0km, mb3.4/2,
mb1.3/0.10, mb1mx3.4/2.3, mbtmp3.5/10, ML3.3/8, Error
ellipse: s-maj=10.6km s-min=6.1km az=109.0
PRU 20 04:59:25.3, 5148N:1608E, h0km
CSEM 20 04:59:25.4-0.1, 5149N:1604E, h1km, ML3.7/10, Error
ellipse: s-maj=2.4km s-min=1.1km az=16.0
BGR 20 04:59:25.2-0.4, 5145N:1608E, h1km, ML3.3/16, Error
ellipse: s-maj=4.4km s-min=2.2km az=15.0
WAR 20 04:59:25.1, 5153N:1608E, ML3.0, Mining Induced
VIE 20 04:59:26.5-0.5, 5132N:1608E, h0km, mb3.0/6, ML3.1/6,
Error ellipse: s-maj=3.5km s-min=2.3km az=14.0,
Suspected Mining Induced.

ISC 20 04:59:23.4-0.3, 5156N:002:1609E:002, h0km, n210,
sigma104/354, mb3.5/2, 13C-19D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations like KSP, KSI, UPC, DPC, etc.

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists events like TREST, MORAVSKY, TANNENBERGSTHA, etc.

Table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists events like MOA, MOLIN, STEBNICKA HUTA, etc.

WEL 20 05:06:42.7-0.3, 3690S:17761E, h154km, 2km, ML3.5/11,
Error ellipse: s-maj=4.2km s-min=2.6km az=90.0, Off
east coast of North Island

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





ASAJ	comp=N,12nm,1.0s	MLR	MLR						
ASAJ	comp=Z,69um,20.0s								
ASAJ	Asahikawa 47.04 15 P	P	P	08 12 56.4	-0.1				
ASAJ	comp=Z,280nm,0.8s,mb6.2,baz=225,slow=9.6,SNR=42	ScP	ScP	08 18 20.0	+0.3				
ASAJ	comp=Z,55nm,0.9s,baz=257,slow=19,SNR=8.5	S	S	08 19 45.7	-0.9				
ASAJ	comp=Z,12nm,1.0s,baz=30,slow=27,SNR=3.4	LR	LR	08 33 13.9					
ASAJ	comp=Z,69um,20.0s,MS6.6,baz=19,slow=3.7	LR	LR						
GTA	Gaotai 47.37 331 j/P	P	P	08 13 00.3	+1.1				
GTA	AP	P	P	08 13 05.1	-2.5				
GTA	XP	P	P	08 13 07.4	-3.5				
GTA	PP	P	P	08 14 50.8	+0.2				
GTA	PPP	P	P	08 15 39.1					
GTA	SCP	ScP	ScP	08 18 23.9	+1.9				
GTA	S	ScS	ScS	08 19 53.1	+1.7				
GTA	SCS	ScS	ScS	08 22 50.5	-0.9				
GTA	AMB	AMB	AMB						
GTA	comp=Z,121nm,0.9s,mb5.8								
GTA	comp=Z,20um,7.6s	LR	LR						
GTA	comp=N,46um,21.7s,MS6.5	LR	LR						
GTA	comp=E,35um,20.9s,MS6.5	LR	LR						
GTA	comp=Z,40um,21.3s,MS6.3								
YUK	Yuzh-Kuril'sk 47.91 18 eP	P	P	08 12 59.0	-4.2				
YUK	eS	S	S	08 14 35.0					
YUK	eSS	ScS	ScS	08 20 00.5	+1.6				
YUK	pmx	pmx	pmx	08 22 48.0	-6.7				
YUK	comp=N,4um,12.0s								
YUK	comp=Z,5um,12.0s								
YUK	comp=E,23um,10.0s								
YUK	comp=N,8um,11.0s								
MDRS	Chennai 48.50 288 j/P	P	P	08 13 08.5	+0.2				
MDRS	iS	S	S	08 20 06.5	-1.7				
BLSP	Bilaspur 49.49 301 eP	P	P	08 13 16.7	+0.9				
YSS	Yuzh-Sakhalins 49.73 14 eP	P	P	08 13 17.5	+0.3				
YSS	comp=N,269nm,0.8s,mb6.3								
YSS	comp=Z,50um,22.0s,MS6.5	LR	LR						
YSS	Yuzh-Sakhalins 49.73 140 eP	P	P	08 13 16.4	-0.8				
YSS	eSP	S	S	08 13 29.2	+0.2				
YSS	eS	S	S	08 20 20.0	-4.4				
YSS	pmx	pmx	pmx						
YSS	comp=N,150nm,0.8s								
YSS	comp=Z,280nm,0.8s,mb6.3								
YSS	comp=E,110nm,1.1s								
YSS	comp=N,3um,12.0s								
YSS	comp=E,2um,12.0s								
YSS	comp=Z,5um,12.0s								
YSS	comp=E,17um,20.0s								
YSS	comp=N,33um,18.0s,MS6.4	MLR	MLR						
YSS	comp=E,10um,18.0s,MS6.4	MLR	MLR						
YSS	comp=Z,39um,18.0s,MS6.5	MLR	MLR						
HABR	Khabarovsk 49.79 7 j/P	P	P	08 13 18.8	+1.2				
HABR	eSP	P	P	08 13 30.1					
HABR	e	P	P	08 14 37.7					
HABR	eS	S	S	08 15 10.4					
HABR	eSS	S	S	08 20 26.2	+0.9				
HABR	e	S	S	08 20 40.7					
HABR	eSS	SS	SS	08 23 07.9					
HABR	pmx	pmx	pmx	08 23 56.7	-1.5				
HABR	comp=Z,632nm,1.0s,mb6.6	MLR	MLR						
HABR	comp=Z,29um,19.8s,MS6.3								
KLR	Kul'dur 50.22 4 eP	P	P	08 13 17.0	-3.9				
KLR	comp=N,80nm,1.6s								
KLR	comp=E,110nm,1.6s								
KLR	comp=Z,400nm,1.6s,mb6.2								
KLR	comp=Z,10um,9.5s								
KLR	comp=Z,24um,17.0s,MS6.3	MLR	MLR						
HIA	Hailar 50.50 354 eP	P	P	08 13 23.1	+0.1				
HIA	Kodaikanal 50.61 284 eP	P	P	08 13 25.6	+1.1				
HIA	comp=Z,839nm,1.3s,mb6.5								
TRD	Trivandrum 50.84 282 j/P	P	P	08 13 26.0	-0.2				
TRD	eP	P	P	08 13 26.5					
TRD	AMB	AMB	AMB	08 13 29.8					
ALBI	Allahabad 51.00 304 i/P	P	P	08 13 26.0	-1.2				
HYB	Hyderabad 51.17 293j eP	P	P	08 13 29.0	+0.4				
HYB	comp=Z,1um,1.0s,mb6.8								
HYB	Hyderabad 51.17 293j eP	P	P	08 20 40.0	-5.5				
HYB	eS	S	S	08 13 29.0	+0.4				
HYB	eS	S	S	08 20 40.0	-5.5				
HYB	pmx	pmx	pmx						
HYB	comp=Z,1um,1.0s,mb6.8								
HYB	Hyderabad 51.17 293j i/P	P	P	08 13 29.0	+0.4				
HYB	comp=Z,1um,1.0s,mb6.8								
HYB	ePP	PP	PP	08 15 28.0	+2.3				
HYB	eS	S	S	08 20 40.0	-5.5				
HYB	LR	LR	LR	08 29 00.0					
JBP	Jabalpur 51.72 301 j/P	P	P	08 13 32.8	+0.2				
JBP	iS	S	S	08 20 54.1	+1.2				
ULN	Ulaanbaatar 51.73 343 eP	P	P	08 13 32.7	+0.4				
ULN	comp=Z,967nm,1.1s,mb6.6								
ULN	eScP	ScP	ScP	08 18 41.0	+0.6				
ULN	LR	LR	LR						
ULN	comp=Z,24um,21.0s,MS6.2								
ULN	Ulaanbaatar 51.73 343 eP	P	P	08 13 32.7	+0.5				
ULN	comp=Z,967nm,1.1s,mb6.6								
ULN	MLR	MLR	MLR						
NGP	Nagpur 51.84 298 eP	P	P	08 13 31.7	-1.9				
NGP	comp=Z,24um,21.0s,MS6.2								
NGP	AMB	AMB	AMB	08 13 33.8					
SONM	Somgino Array 51.90 342 P	P	P	08 13 33.7	+0.2				
SONM	comp=Z,1um,1.4s,mb6.7								
SONM	comp=Z,246nm,0.7s,mb6.2,baz=158,slow=4.6,SNR=351	ScP	ScP	08 18 40.1	-1.1				
SONM	comp=Z,58nm,0.9s,baz=162,slow=4.7,SNR=7.4	LR	LR	08 39 16.5					
SONM	comp=Z,29um,20.3s,MS6.3,baz=155,slow=40	LR	LR						
SONM	comp=Z,1.6nm,1.0s,baz=305,slow=1.4,SNR=6.2	PKPKP	PKPKP	08 44 05.0					
FUNA	Funafuti 52.42 100 eP	P	P	08 13 39.5	+1.4				
FUNA	comp=Z,277nm,0.9s,mb6.2								
FUNA	LR	LR	LR						
FUNA	comp=Z,46um,22.0s,MS6.5								
LATR	Latur 53.27 294 eP	P	P	08 13 41.5	-2.7				
MNGI	Mangalore 53.65 287 i/P	P	P	08 13 47.3	+0.3				
MNGI	iS	S	S	08 21 17.7	-1.7				
LGTI	Lohaghat 53.99 308 eP	P	P	08 13 48.5	-0.8				
PTH	Pithoragarh 54.06 308 eP	P	P	08 13 50.3	+0.5				
PTH	x	P	P	08 19 49.1					
CIT	Chita 54.08 350 eP	P	P	08 13 49.7	+0.2				
CIT	eS	S	S	08 14 06.9					
CIT	eS	S	S	08 21 20.2	-3.9				
CIT	e	pmx	pmx	08 23 30.7					
CIT	comp=Z,2um,1.4s,mb6.9								
OZU	Omahuta 55.00 134 eP	P	P	08 13 57.7	+1.1				
OZU	Omahuta 55.00 134 eP*	P	P	08 13 57.7	+1.1				
ZAK	Zakamensk 55.11 342 i/P	P	P	08 13 57.7	+0.7				
ZAK	e	pmx	pmx	08 15 03.9					

KAD	comp=Z,190nm,1.0s,mb6.1	eP	P	08 13 57.5	-0.6				
KAD	Karad 55.18 292 eP	P	P	08 13 57.6					
KAD	AMB	AMB	AMB	08 13 59.8					
POO	comp=Z,698nm,1.0s,mb6.7	eP	P	08 14 01.6	-0.9				
POO	Poona 55.78 293 eP	P	P	08 14 01.6	-0.9				
POO	AMB	AMB	AMB	08 14 05.2					
DDI	comp=Z,676nm,1.6s,mb6.4	eP	P	08 14 58.0					
DDI	Dehra Dun 56.08 308 ex	x	x	08 14 58.0					
DDI	New Delhi 56.09 306 eP	P	P	08 14 06.6					
DDI	AMB	AMB	AMB						
NDI	comp=Z,627nm,2.2s,mb6.2	eP	P	08 21 46.0					
NDI	ex	x	x	08 21 46.0					
NDI	TLY	TLY	TLY	08 14 04.5	+0.1				
NDI	Talaya 56.14 343 eP	P	P	08 14 04.5	+0.1				
NDI	comp=Z,4um,1.4s,mb7.2,SNR=91	eP	P	08 14 04.6	+0.3				
NDI	Talaya 56.14 343 eP	P	P	08 14 04.6	+0.3				
NDI	comp=Z,675nm,1.0s,mb6.6	eP	P	08 16 11.0	+1.3				
NDI	ePP	PP	PP	08 19 00.7	+1.1				
NDI	eScP	ScP	ScP						
NDI	LR	LR	LR						
NDI	TLY	TLY	TLY	08 14 04.5	+0.1				
NDI	Talaya 56.14 343 d/P	P	P	08 16 17.5					
NDI	ePPP	P	P	08 17 34.5					
NDI	eS	S	S	08 21 51.4	-0.3				
NDI	e	SS	SS	08 23 51.9					
NDI	eSS	SS	SS	08 25 41.6	+3.1				
NDI	pmx	pmx	pmx						
NDI	comp=Z,1um,1.4s,mb6.7	MLR	MLR						
NDI	comp=Z,19um,19.0s,MS6.2	MLR	MLR						
NDI	IRK 56.45 343 eP	P	P	08 14 06.9	+0.3				
NDI	Irkutsk 56.45 343 eP	P	P	08 16 13.3					
NDI	e	pmx	pmx	08 22 07.0					
NDI	comp=Z,1um,1.3s,mb6.7								
JCZ	Jackson Bay 56.59 145 eP	P	P	08 14 09.3	+1.5				
JCZ	Jackson Bay 56.59 145 eP*	P	P	08 14 09.3	+1.4				
BOM	Bombay 56.83 293 i/P	P	P	08 14 07.8	-2.1				
BOM	ex	x	x	08 14 28.5					
BOM	comp=Z,684nm,1.9s	eP	P	08 21 57.2					
BOM	WMQ	WMQ	WMQ	08 14 11.1	+1.6				
BOM	WMQ	WMQ	WMQ	08 14 21.3	+3.2				
BOM	WMQ	WMQ	WMQ	08 15 06.3	+1.3				
BOM	WMQ	WMQ	WMQ	08 16 13.0	+3.0				
BOM	WMQ	WMQ	WMQ	08 19 01.1	-1.8				
BOM	WMQ	WMQ	WMQ	08 22 00.8	-0.4				
BOM	WMQ	WMQ	WMQ	08 22 18.3					
BOM	WMQ	WMQ	WMQ	08 23 54.1	-2.9				
BOM	comp=Z,1um,1.2s,mb6.7	AMB	AMB						
BOM	comp=Z,6um,8.8s	LR	LR						
BOM	comp=N,29um,22.0s,MS6.4	LR	LR						
BOM	comp=E,20um,23.4s,MS6.4	LR	LR			</			





TAOE	comp=Z,16um,28.6s	eSS	SS	08 34 58.2	+5.0
TAOE	comp=Z,24um,25.9s	eLQ		08 43 35.1	
TAOE	comp=Z,71um,33.5s	eLR	LR	08 47 35.7	
MERS	Merzin	92.66 307	eP	P	08 17 35.9 -1.2
SIM	Simferopol'	92.82 315	eP	P	08 17 35.6 -1.1
SIM	Simferopol'	92.82 315	eS	S	08 17 35.9 -0.8
SIM			P	P	08 28 40.0 -1.5
SIM			eSS	SS	08 35 01.0 +6.0
SIM	comp=Z,58nm,0.8s,mb.6.1		pmax	pmax	
KAMT	Kaman	93.25 309	eP	P	08 17 39.0 -0.8
CANT	Cankiri	93.29 310	eP	P	08 17 40.0 0.0
BR131	Keskin Array S	93.30 310	eP	P	08 17 39.0 -1.0
BR131	comp=Z,19nm,0.7s,mb.6.0		ePP	PP	08 21 25.8 +1.7
BR131			LR	LR	
BRTR	comp=Z,6um,20.0s,MS6.0				
BRTR	Keskin Array B	93.30 310	P	P	08 17 38.6 -1.4
BRTR			P	P	08 21 25.5
BRTR	Keskin Array B	93.30 310	P	P	08 17 38.5 -1.5
BRTR	comp=Z,13nm,0.8s,mb.5.4,baz=101,slow=5.2,SNR=25		PP	PP	08 21 25.6 +1.6
BRTR	comp=Z,15nm,0.8s,baz=120,slow=4.6,SNR=7.1		PKKPbc	PKKPbc	08 34 48.3 -0.4
BRTR	comp=Z,1.9nm,0.9s,baz=183,slow=2.2,SNR=5.1		PKKPbc	PKKPbc	08 43 05.1
BRTR	comp=Z,1.0nm,0.8s,baz=199,slow=10,SNR=4.4		PKPPKP	PKPPKP	
IKL	Isikli	93.34 306	eP	P	08 17 37.5 -2.8
JOF	Joensuu	93.54 333	eP	P	08 17 38.7 -1.9
JOF	Joensuu	93.54 333	eP	P	08 17 38.7 -1.9
JOF	comp=Z,42nm,0.7s,mb.6.0		pmax	pmax	
CSS	Prodromos	93.66 305	eP	P	08 17 40.9 -0.9
CSS	comp=Z,76nm,0.9s,mb.6.1				
ANTO	Ankara	93.95 310	eP	P	08 17 40.5 -2.5
ANTO	Ankara	93.95 310	eP	P	08 17 42.6 -0.4
ANTO	comp=Z,15nm,0.8s,mb.5.5		LR	LR	
ANTO	Ankara	93.95 310	eP	P	08 17 42.6 -0.4
ANTO	comp=Z,15nm,0.8s,mb.5.5		pmax	pmax	
ANTO			MLR	MLR	
LOD	Lodumlu	93.97 310	eP	P	08 17 45.7 +2.6
KONT	Konya-Tatoy	94.45 308	eP	P	08 17 40.4 -4.1
INK	Inuvik	94.44 22	eP	P	08 17 43.0 -1.6
INK	comp=Z,0.3nm,1.3s				
INK	Inuvik	94.44 22	PKKPbc	PKKPbc	08 34 43.6 -3.1
INK	comp=Z,5.6nm,0.9s,baz=132,slow=4.7,SNR=5.1		PKKPbc	PKKPbc	08 42 57.4
INK	comp=Z,2.2nm,1.1s,baz=143,slow=6.6,SNR=5.2		LR	LR	08 58 54.5
KEV	Kevo	94.45 340	eP	P	08 17 43.2 -1.4
KEV	Kevo	94.45 340	eP	P	08 17 43.2 -1.4
KEV	comp=Z,34nm,1.0s,mb.5.7		pmax	pmax	
KIZT	Kizilca	94.69 309	eP	P	08 17 43.8 -2.6
SKAG	Skagway	94.75 31	eP	P	08 17 47.6 +1.4
KDZE	Karadeniz Ereo	94.91 311	eP	P	08 17 42.7 -4.7
SIT	Sitka	95.00 33	PFAKE	LR	08 18 00.0 +1.3
SIT			LR	LR	
ARCES	comp=Z,29um,22.0s,MS6.7				
ARCES	ARCESS Array B	95.00 340	P	P	08 17 44.9 -2.3
ARCES			P	P	08 17 43.7 -2.3
ARCES	ARCESS Array B	95.00 340	P	P	08 17 44.9 -2.3
ARCES	comp=Z,29nm,0.7s,mb.5.8,baz=86,slow=4.6,SNR=55		PP	PP	08 21 43.7 +7.3
ARCES	comp=Z,64nm,1.2s,baz=70,slow=8.9,SNR=6.5		PKKPbc	PKKPbc	08 34 44.8 -0.5
ARCES	comp=Z,2.7nm,0.7s,baz=246,slow=6.6,SNR=7.0		PKKPbc	PKKPbc	08 39 32.2
ARCES			LR	LR	08 09 42.8
AREO	AREO Array S	95.00 340	eP	P	08 17 47.0 -0.2
SPB4	Spitsbergen Ar	95.19 349	eP	P	08 17 47.8 -0.1
KBS	Kingsbay	95.72 350	PFAKE	LR	08 18 00.0 +1.0
KBS			LR	LR	
KBS	comp=Z,17um,22.0s,MS6.5				
KBS	Kingsbay	95.72 350	eP	P	08 17 52.0 +1.7
KBS			eSS	SS	08 21 41.9 +0.2
KBS			eSS	SS	08 22 25.6
KBS			AMS	AMS	09 07 35.6
SHUT	Suhut-Afyon	95.75 308	eP	P	08 17 50.2 -1.0
AKASG	Malin Array Be	95.77 321	eP	P	08 17 49.0 -2.1
AKASG			PP	PP	08 21 40.0 -3.0
AKASG			LR	LR	09 07 27.4
AKASG	Malin Array Be	95.77 321	eP	P	08 17 49.0 -2.1
AKASG			P	P	08 21 40.0
AKASG	Malin Array Be	95.77 321	eP	P	08 17 49.0 -2.1
AKASG	comp=Z,4.1nm,0.6s,baz=68,slow=4.7,SNR=22		PP	PP	08 21 40.0 -3.0
AKASG	comp=Z,14nm,1.0s,baz=71,slow=7.7,SNR=4.3		LR	LR	09 07 27.4
AKB	Malin Array Si	95.77 321	eP	P	08 17 50.5 -0.6
AKB			PP	PP	08 21 39.1 -3.8
KIEV	Kiev	95.78 321	eP	P	08 17 50.4 -0.7
KIEV	comp=Z,2.1nm,0.9s,mb.5.6		ePP	PP	08 21 39.1 -3.9
KIEV			LR	LR	
KIEV	comp=Z,16um,22.0s,MS6.4		eP	P	08 17 50.4 -0.7
KIEV			eP	P	08 21 39.1
KIEV			pmax	pmax	
KIEV	comp=Z,21nm,0.9s,mb.5.6		MLR	MLR	
ISP	comp=Z,16um,22.0s,MS6.4				
ISP	Isparta	95.82 308	eP	P	08 17 50.6 -1.0
ISP	Isparta	95.82 308	eP	P	08 17 50.8 -0.8
ISP	Isparta	95.82 308	eP	P	08 17 50.7 -0.9
KTK1	Kautokeino	95.90 339	eP	P	08 17 50.1 -1.2
KTK1	Kautokeino	95.90 339	eP	P	08 17 50.1 -1.2
KAF	Kangasniemi	95.94 332	eP	P	08 17 49.9 -1.7
KAF	Kangasniemi	95.94 332	eP	P	08 17 49.9 -1.7
KAF	comp=Z,14nm,0.5s,mb.5.7		pmax	pmax	
FIA1	FINES Array S	96.16 332	eP	P	08 17 51.9 -0.7
FINES	FINES Array B	96.16 332	eP	P	08 17 52.0 -0.6
FINES			S	S	08 21 44.1
FINES	FINES Array B	96.16 332	eP	P	08 28 25.7 -1.4
FINES	comp=Z,11nm,0.8s,mb.5.4,baz=77,slow=5.0,SNR=36		PP	PP	08 17 52.0 -0.6
FINES	comp=Z,11nm,0.8s,baz=93,slow=12,SNR=3.8		PP	PP	08 21 44.1 -1.4
FINES	comp=Z,3.9nm,0.9s,baz=122,slow=2.5,SNR=4.2		LR	LR	08 28 25.7 -1.4
FINES			LR	LR	09 08 10.2
MNK	Minsk	96.21 325	eP	P	08 17 50.0 -3.0
MNK			eP	P	08 23 50.0
MNK			eP	P	08 23 50.0
MNK			eP	P	08 28 26.0
MNK			eS	S	08 29 02.0 -8.6
MNK			eS	S	08 30 32.0 -1.5
MNK			eSS	SS	08 35 36.0 -6.6
MNK	comp=Z,230nm,1.0s,mb.6.0		pmax	pmax	
MNK	comp=N,20um,18.0s,MS6.7		MLR	MLR	
MNK	comp=Z,28um,20.0s,MS6.7		MLR	MLR	
ADVT	Abdulvahap	96.26 310	eP	P	08 17 52.1 -1.4
VSU	Vasuta	96.29 309	eP	P	08 17 53.9 +0.7
ELL	Elmalı	96.36 307	eP	P	08 17 52.0 -2.1
YLV	Yalova	96.53 311	eP	P	08 17 53.5 -1.2
GEMT	Gemlik	96.67 310	eP	P	08 17 52.6 -2.9
WRAK	Wrangell Islan	96.71 33	eP	P	08 17 56.0 +0.8
WRAK	comp=E,38nm,0.8s,mb.5.9				

WRAK	comp=Z,17um,21.0s,MS6.5		LR	LR	
KLYT	Kilyos	96.72 311	eP	P	08 17 53.4 -2.2
ISK	Istanbul-Kandi	96.72 311	eP	P	08 17 53.7 -1.9
TIFR	Tirgusor	96.91 315	/P	P	08 17 56.0 -0.4
RKT	Rikitea	96.92 113	eLQ		08 45 23.7
RKT	comp=Z,32um,36.5s				
RKT	Rikitea	96.92 113	ePP	PP	08 21 43.9 -8.7
RKT	comp=Z,2um,28.2s		ePS	PS	08 30 48.8 +6.3
RKT	comp=Z,16um,28.5s		eSS	SS	08 28 33.0 +0.3
RKT	comp=Z,13um,27.5s		eSS	SS	08 36 00.9 +6.5
RKT	comp=Z,12um,30.5s		eLR	LR	08 49 32.0
FETY	Fethiye	97.03 307	eP	P	08 17 54.7 -2.5
NVL	N'azarevskaya	97.15 198	/S	S	08 18 02.4 +5.5
NVL			pmax	pmax	08 28 37.1 +5.2
NVL	comp=N,15nm,1.8s		pmax	pmax	
NVL	comp=E,20nm,1.8s		pmax	pmax	
NVL	comp=Z,38nm,1.8s,mb.5.5		MLR	MLR	
NVL	comp=N,6um,18.0s,MS6.6		MLR	MLR	
NVL	comp=E,18um,18.0s,MS6.6		MLR	MLR	
MAIT	comp=Z,26um,18.0s,MS6.8				
TRO	Maitri	97.17 198	eP	P	08 17 55.9 -1.1
TRO	Tromso	97.22 340	eP	P	08 17 56.7 -0.6
TRO	Tromso	97.22 340	eP	P	08 17 58.4 +1.1
TRO	comp=Z,77nm,1.3s,mb.6.0		Amb	AMB	08 18 01.0
TRO			ePP	PP	08 21 48.8 -4.8
TRO			eSS	SS	08 28 34.6
TRO			eSS	SS	08 35 57.4 +1.2
TRO			AMS	AMS	09 09 27.4
TRO	comp=Z,12um,25.7s,MS6.3		eP	P	08 17 56.7 -0.6
TRO	Tromso	97.22 340	eP	P	
TRO			pmax	pmax	
DALT	Dalyan (Mudia)	97.38 307	eP	P	08 17 55.8 -2.9
YER	Yerkesik	97.63 307	eP	P	08 17 56.9 -2.9
BALB	Balkesir	97.74 310	eP	P	08 17 59.0 -1.2
VRI	Vrincioiaia	97.95 316	P	P	08 18 00.6 -0.5
VRI	Vrincioiaia	97.95 316	↑P	P	08 18 01.2 +0.2
VRI	Vrincioiaia	97.95 316	/P	P	08 18 01.1 +0.1
MLR	Flotina	98.00 316	/P	P	08 18 00.9 -0.4
MLSB	Muntele Rosu	98.02 307	eP	P	08 18 03.2 +1.6
RKY	Sarkoy-Tekirda	98.18 311	eP	P	08 18 00.7 -1.5
DAT	Datca	98.23 307	eP	P	08 18 04.1 +1.5
LSZ	Lusaka	98.30 254	eP	P	08 18 02.7 -0.6
LSZ	comp=Z,128nm,1.4s,mb.3.0		LR	LR	
LSZ	comp=Z,28um,22.0s,MS6.7				
LSZ	Lusaka	98.30 254	eP	P	08 18 02.7 -0.6
LSZ	comp=Z,128nm,1.4s,mb.3.0		pmax	pmax	
LSZ	comp=Z,28um,22.0s,MS6.7		MLR	MLR	
EDRB	Edirne	98.38 312	eP	P	08 18 03.8 +0.7
BODT	Bodrot	98.42 307	eP	P	08 18 01.7 -1.6
BLCB	Balcova	98.51 309	eP	P	08 18 02.3 -1.5
MLR	Muntele Rosu	98.54 316	P	P	08 18 03.1 +0.6
MLR	Muntele Rosu	98.54 316	P	P	08 18 03.0 -0.7
MLR			S	S	08 22 11.2
MLR			pmax	pmax	08 28 37.8 -2.2
MLR	comp=Z,13nm,0.6s		pmax	pmax	
MLR	comp=Z,137nm,0.9s		pmax	pmax	
MLR	Muntele Rosu	98.54 316	P	P	08 18 03.0 -0.7
MLR	comp=Z,13nm,0.6s,mb.5.8,baz=302,slow=3.9,SNR=14.9		PP	PP	08 22 11.2 +6.9
MLR	comp=Z,137nm,0.9s,baz=55,slow=3.9,SNR=11		S	S	08 28 37.8 -2.2
MLR	comp=Z,11nm,1.0s,baz=165,slow=20,SNR=10		PKKPbc	PKKPbc	08 34 36.7 +1.9
MLR	comp=Z,4.8nm,1.0s,baz=196,slow=4.3,SNR=3.3		PKKPbc	PKKPbc	
MLR	Muntele Rosu	98.54 316	/P	P	08 18 03.4 -0.3
BURAR	Bucovina Array	98.75 318	/P	P	08 18 04.7 0.0
BURAR	Bucovina Array	98.75 318	/P	P	08 18 04.7 +0.1
SZH	Strazhica	98.82 314	eP	P	08 18 03.1 +1.5
SUW	Suwalki	98.98 325	eP	P	08 18 04.3 -1.2
SUW			ePP	PP	08 22 16.1 +8.6
SUW			eSS	SS	08 28 41.5
SUW			LMZ	LMZ	09 02 37.1
SUW	comp=Z,11um,26.1s				
SUW	Suwalki	98.98 325	eP	P	08 18 04.3 -1.2
SUW			ePP	PP	08 22 16.1 +8.7
SUW			eSS	SS	08 28 41.5
SUW			eSS	SS	08 28 41.5
VOIR		99.17 316	/P	P	08 18 07.9 +1.4
VOIR		99.17 316	/P	P	08 18 07.9 +1.4
L'vov		99.19 320	eP	P	08 18 06.7 +0.2
L'vov			i		08 22 12.7
L'vov			i		08 24 24.9
L'vov			eS	S	08 29 34.3 -2.0
L'vov			ePS	PS	08 31 07.3 +1.2
L'vov			eSS	SS	08 36 23.5 -1.4
L'vov			eSS	SS	08 38 02.3 -4.5
L'vov			P	P	08 18 08.6 +1.6
L'vov			P	P	08 18 09.1 -0.1
L'vov			P	P	08 18 10.7 +1.2
GVA	Gvggeada	99.20 310	eP	P	08 18 09.0 -0.1
P					

Table with columns for station name, frequency, and various signal quality metrics (e.g., pmax, Pdif, Sdif, AMS).

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Table with columns for name, time, date, and status. Includes entries like GCMT Greycliff, LKWW Lake, TPWV Teton Pass, etc.

Table with columns for name, time, date, and status. Includes entries like LTX Lajitas, TXAR Lajitas Array, PTOV Evora, etc.

Table with columns for name, time, date, and status. Includes entries like BINY Binghamton, HNH Hanover, MCWV Mont Chateau, etc.

IDC 20 08:19:00.9:1.4, 117S:1271E, h0km, mb4.1/3, mb1 4.2/4, mb1mx3.9/1.7, mbtmp4.0/4, Error ellipse: s-maj=126.4km s-min=21.6km az=69.0, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
WRA	Warramunga Arr	19.30	160	P	P	P	08 23 34.9	-1.4
ASAR	Alice Springs	23.91	164	P	P	P	08 24 10.7	0.0
SOMN	Songino Array	52.05	342	P	P	P	08 28 13.4	+1.1
MKAR	Makanchi Array	61.73	327	P	P	P	08 29 20.9	-0.6

BUI 20 08:24:14.9, 199S:12735E, h10km, mb4.7  
 ISC/B 20 08:24:22.0:6.6, 111S:008:1271E:0.1, h16km, 50km, mb4.6/23, Error ellipse: s-maj=17.8km s-min=12.7km az=159.5  
 IDC 20 08:24:21.2:0.6, 108S:12700E, h0km, mb4.5/15, mb1 4.5/16, mb1mx4.4/25, mbtmp4.5/16, ML3.9/1, Error ellipse: s-maj=25.4km s-min=12.5km az=70.0  
 NEIC 20 08:24:23.1:0.4, 109S:12701E, h10km, mb4.7/11, Error ellipse: s-maj=14.7km s-min=6.5km az=69.0  
 ISC 20 08:24:25.8:6.5, 112S:008:1271E:0.1, h28km, 50km, n34, o595/32, mb4.6/23, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
KAKA	Kakadu	12.69	155	ePn	P	Pn	08 27 24.0	-0.5
FITZ	Fitzroy Crossi	16.93	185	Pn	P	P	08 28 20.9	+0.1
WRA	Warramunga Arr	20.02	160	P	P	P	08 28 55.4	-1.0
COEN	Coen	20.42	129	eP	P	P	08 29 02.3	+1.5
MWGA	Marble Bar	21.16	199	eP	P	P	08 29 09.5	+0.7
PMG	Port Moresby	21.63	113	P	P	P	08 29 12.6	-1.4
ASAR	Alice Springs	23.91	164	P	P	P	08 29 31.9	-0.5
CTA	Charters Tower	26.17	136	P	P	P	08 30 04.2	+2.2
CJAO	Charters Tower	26.61	136	eP	P	P	08 30 04.4	+2.7
JOW	Kunigami	27.82	2	P	P	P	08 30 12.4	-0.3
PSI	Prapat	28.39	278	P	P	P	08 30 16.9	-1.1
STKA	Stephens Creek	33.53	157	P	P	P	08 31 03.5	+0.4
KSRS	Korea Array	38.39	1	P	P	P	08 31 44.0	-0.6
MLJ	Matsushiro Arr	38.88	14	P	P	P	08 31 47.6	-1.2
DL2	Dalian	40.14	353	P	P	P	08 32 01.0	+1.8
BJT	Baliatiau	42.14	348	eP	P	P	08 32 15.3	-0.3
LZH	Lanzhou	42.87	332	eP	P	P	08 32 24.0	+2.3
LZH	Lanzhou	42.87	332	eP	P	P	08 32 33.7	+3.5
LZH	Lanzhou	42.87	332	eP	P	P	08 32 37.8	+4.2
MDJ	Mudanjiang	45.59	3	P	P	P	08 32 44.0	+0.6
LSA	Lhasa	45.97	315	eP	P	P	08 32 46.7	+0.1
ASAJ	Asahikawa	47.13	15	P	P	P	08 32 55.4	0.0
GTA	Gaotai	47.44	331	eP	P	P	08 32 58.9	+1.0
HIA	Hailar	50.95	354	eP	P	P	08 33 22.6	+0.8
SOMN	Songino Array	51.58	342	P	P	P	08 33 31.9	-0.4
MK31	Makanchi Array	61.73	327	eP	P	P	08 34 40.9	-0.6
MKAR	Makanchi Array	61.73	327	P	P	P	08 34 40.8	-0.8
MKAR	Makanchi Array	61.73	327	P	P	P	08 34 35.4	-1.5
MA2	Magadan	63.31	13	eP	P	P	08 34 52.1	+0.3
ZALV	Zalesovo Beam	65.05	334	P	P	P	08 35 03.3	-0.1
TIXI	Tiksi	72.66	1	eP	P	P	08 35 46.1	-4.2
AKTK	Aktubinsk	77.65	322	P	P	P	08 36 19.4	-0.2
AKTO	Aktubinsk	77.65	322	P	P	P	08 36 19.4	-0.2
INK	Inuvik	94.53	22	P	P	P	08 37 41.9	-1.3
TORD	Torodi Ar. Bea	124.61	285	PKP	PKP	PKP	08 43 23.5	-0.1
TORD	Torodi Ar. Bea	124.61	285	PKP	PKP	PKP	08 43 23.5	-0.1

ISCJB 20 08:34:07.3:1.2, 7722N:006:84E, h10km, mb3.4/2, Error ellipse: s-maj=18.0km s-min=8.7km az=179.4  
 IDC 20 08:34:07.1:1.6, 7650N:484E, h0km, mb3.5/2, mb1 3.6/4, mb1mx3.4/20, mbtmp3.5/4, ML2.6/2, Error ellipse: s-maj=55.5km s-min=21.2km az=43.0  
 CSEM 20 08:34:07.2:0.2, 7732N:742E, h10km, ML2.4, Error ellipse: s-maj=5.1km s-min=1.6km az=93.0  
 NAO 20 08:34:09.4:2.3, 7728N:828E, ML2.4  
 BER 20 08:34:11.0:1.6, 7720N:844E, h7km, 8km, MD2.9, ML3.7, ML2.4(NAO)

ISC 20 08:34:09.8:1.1, 7732N:005:83E:05, h10km, n16, o599/22, mb3.4/2, Svabard region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
KBS	Kingsbay	1.78	23	Pg	Pg	Pg	08 34 41.9	-2.0
KBS	Kingsbay	1.78	23	eP	Pn	Pn	08 35 03.6	
KBS	Kingsbay	1.78	23	eP	Pn	Pn	08 34 40.4	+1.4
KBS	Kingsbay	1.78	23	Pg	Pg	Pg	08 34 41.9	-2.0
KBS	Kingsbay	1.78	23	eS	Pn	Pn	08 35 04.0	+0.8
SPA0	Spitsbergen Arr	1.92	59	Pg	Pg	Pg	08 34 46.2	-0.2
SPA0	Spitsbergen Arr	1.92	59	Pg	Pg	Pg	08 35 11.0	
SPA0	Spitsbergen Arr	1.92	59	Pg	Pg	Pg	08 34 46.2	-0.2
SPA0	Spitsbergen Arr	1.92	59	Pg	Pg	Pg	08 35 11.0	
ARA0	ARCESS Array S	9.17	139	Pn	Pn	Pn	08 36 21.2	-0.6
ARA0	ARCESS Array S	9.17	139	Pn	Pn	Pn	08 37 56.5	-8.3
ARA0	ARCESS Array S	9.17	139	Pn	Pn	Pn	08 36 21.2	-0.6
ARA0	ARCESS Array S	9.17	139	Pn	Pn	Pn	08 37 56.5	-8.3
ARA0	ARCESS Array S	9.17	139	Pn	Pn	Pn	08 36 21.2	-0.6
ARA0	ARCESS Array S	9.17	139	Pn	Pn	Pn	08 37 56.5	-8.3
ARCES	ARCESS Array B	9.17	139	Pn	Pn	Pn	08 36 21.4	-0.3
ARCES	ARCESS Array B	9.17	139	Pn	Pn	Pn	08 37 54.9	-10.0
NOA	NORSAR Array B	16.38	175	Pn	Pn	Pn	08 37 51.1	-8.2
FIA0	FINESS Array S	16.97	150	Pn	Pn	Pn	08 38 07.8	+1.0
FIA0	FINESS Array S	16.97	150	Pn	Pn	Pn	08 38 07.8	+1.0
FIA0	FINESS Array S	16.97	150	Pn	Pn	Pn	08 38 07.8	+1.0
YKA	Yellowknife Ar	36.10	319	P	P	P	08 41 10.6	-0.4
MKAR	Makanchi Array	41.36	92	P	P	P	08 42 00.5	+5.2

0.3nm, 0.3s, mb3.4, baz=344, slow=7.1, SNR=5.8

IDC 20 08:43:09.4:1.2, 095S:12735E, h0km, mb4.0/6, mb1 4.1/6, mb1mx3.9/1.7, mbtmp4.0/6, Error ellipse: s-maj=120.6km s-min=18.4km az=67.0, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
WRA	Warramunga Arr	20.08	161	P	P	P	08 47 44.9	+0.3
ASAR	Alice Springs	23.46	165	P	P	P	08 48 20.9	0.0
STKA	Stephens Creek	33.53	157	P	P	P	08 49 51.2	-0.1
SOMN	Songino Array	51.90	342	P	P	P	08 52 20.7	+0.9
MKAR	Makanchi Array	61.73	327	P	P	P	08 53 29.9	+0.1
AKTO	Aktubinsk	77.70	322	P	P	P	08 55 07.2	-0.9

IDC 20 08:49:51.6:2.2, 097S:12751E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.3/1.6, mbtmp3.3/3, Error ellipse: s-maj=174.4km s-min=28.0km az=66.0, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
WRA	Warramunga Arr	20.00	161	P	P	P	08 54 26.0	+0.1
ASAR	Alice Springs	23.40	165	P	P	P	08 55 02.4	0.0
MKAR	Makanchi Array	61.85	326	P	P	P	09 00 12.7	0.0

IDC 20 08:59:07.8:2.5, 121S:12797E, h0km, mb3.2/2, mb1 3.2/3, mb1mx3.2/1.6, mbtmp3.1/3, Error ellipse: s-maj=223.8km s-min=26.1km az=67.0, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
WRA	Warramunga Arr	19.64	162	P	P	P	09 03 39.0	-0.5
ASAR	Alice Springs	23.06	166	P	P	P	09 04 14.4	-0.5
MKAR	Makanchi Array	62.30	326	P	P	P	09 09 31.9	+0.1

IDC 20 09:11:30.3:1.2, 088S:12746E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.6/1.6, mbtmp3.6/5, Error ellipse: s-maj=126.5km s-min=19.8km az=69.0, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
WRA	Warramunga Arr	20.00	161	P	P	P	09 16 04.7	-1.0
ASAR	Alice Springs	23.50	165	P	P	P	09 16 41.7	-0.4
STKA	Stephens Creek	33.60	158	P	P	P	09 18 13.7	+1.3
SOMN	Songino Array	51.88	342	P	P	P	09 20 41.1	+0.6
MKAR	Makanchi Array	61.76	326	P	P	P	09 21 50.0	-0.6

IDC 20 09:19:12.6:1.9, 4694N:15344E, h0km, mb3.6/5, mb1 3.7/7, mb1mx3.5/2.3, mbtmp3.6/7, ML3.2/2, Error ellipse: s-maj=47.4km s-min=28.4km az=111.0, Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
ASAJ	Asahikawa	8.12	254	Pn	Pn	Pn	09 21 12.1	+0.4
MJAR	Matsushiro Arr	15.38	233	Pn	Pn	Pn	09 22 51.1	+0.3
KSRS	Korea Array	21.07	252	P	P	P	09 23 59.2	+1.0
MKAR	Makanchi Array	47.05	297	P	P	P	09 27 44.4	-1.2
FINES	FINES Array B	63.96	335	P	P	P	09 29 47.1	+0.1
NOA	NORSAR Array B	68.12	341	P	P	P	09 30 14.5	+0.7
ASAR	Alice Springs	72.46	199	P	P	P	09 30 40.6	-0.1

CASC 20 09:22:09.4:2.9, 1210N:8864W, h20km, 19km, MD3.9, ML3.7, 5C-8D, Off coast of central America

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
BLLM	Bellamira	1.40	16	eP	x	x	09 22 46.8	
CNCH	Conchagua	1.41	34j	eS	x	x	09 22 44.8	
CNOH	CNOH			eS	x	x	09 23 04.8	
SNVI	San Vicente	1.52	353f	eP	x	x	09 22 47.5	
SNVI	San Vicente	1.52	353f	eS	x	x	09 23 07.4	
LCBS	La Ceiba	1.59	348	eS	x	x	09 22 47.3	
LCBS	La Ceiba	1.59	348	eS	x	x	09 23 10.5	
LBRS	Las Brisas	1.68	346	eP	x	x	09 22 48.8	
LBRS	Las Brisas	1.68	346	eS	x	x	09 23 08.5	
SNET	Serv Nac Est T	1.69	340	eP	x	x	09 22 38.7	
SNET	Serv Nac Est T	1.69	340	eS	x	x	09 23 00.4	
LFU	La Fuente	1.71	344j	eS	x	x	09 22 49.3	
LFU	La Fuente	1.71	344j	eS	x	x	09 23 10.5	
BOQS	Boqueron	1.75	339	eP	x	x	09 22 49.8	
BOQS	Boqueron	1.75	339	eS	x	x	09 23 12.1	
TEL3	Telica 3	1.75	75	eP	Pn	Pn	09	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KKAR Karatay Array, HTY Hatay, OFRI 'Ofar', etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HORT Hortiatis, ITM Ithomi, VOIR Vitosa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CADS Cadrq, MOA Molin, MYKA Terra Mystica, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like CD2, PGF, KMI, ZAK, CLZ, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like MUD, MEM, GYA, VIV, SSB, MEZF, BCLA, GIVF, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like EPF, ERTA, ERBA, EBIE, MFF, MFF, LDF, LDF, LDF, etc.





20d 11h

0.1nm,0.3s,baz=342,slow=12,SNR=5.8
ASAR Alice Springs 23.38 164 P
0.4nm,0.6s,baz=343,slow=11,SNR=7.4
MKAR Makanchi Array 61.73 327 P
0.3nm,0.6s,baz=112,slow=6.3,SNR=4.4

IDC 20 11:15:02.9,0.5,4698N:156.13E,h0km,mb4,7/21,
mb1 4.8/23,mb1mx4.7/27,mbtmp4.7/23,ML4.1/2,MS4.4/6,
Ms1 4.4/6,ms1mx3.9/35,Error ellipse: s-maj=17.0km
s-min=1.5km az=141.0
ISCJB 20 11:15:03.2,0.2,4693N:004.15594E:0.03,h16km,
mb4.8/112,MS4.4/21,Error ellipse: s-maj=5.8km
s-min=2.6km az=155.3
NEIC 20 11:15:04.0,0.3,47.12N:156.02E,h10km,mb4.9/55,
MS4.6/3,Error ellipse: s-maj=10.8km s-min=5.7km
az=158.0
BUJ 20 11:15:06.6,47.25N:155.38E,h5km,mb5.2,mb4.9,Ms4.7,
Ms4.4/3
SKHL 20 11:15:06.0,2.1,4701N:156.09E,h40km,5km,mb5.4/4,
Ms4.3/1
MOS 20 11:15:08.3,1.3,4728N:155.98E,h42km,mb5.1/54,
MS4.3/1,Error ellipse: s-maj=8.6km s-min=4.9km
az=107.4
SZGRF 20 11:15:10.0,4740N:157.13E,h33km,mb4.5,East of Kuril
Islands, Russia

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like SKR Severo-Kuril's, KUR Kuril'sk, PET Petropavlovsk, etc.

2007 FEB

Main table with columns: JFY, Yanaizu, SEY, Seymchan, KLR, etc. Lists stations and their coordinates, times, and residuals.

708

Table with columns: ULN, Ulanbaatar, ULN, Ulanbaatar, ULN, Ulanbaatar, etc. Lists stations and their coordinates, times, and residuals.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KURK Kurchatov, YKWA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like SCHE Schefferville, ZEI Tsey, SCIA State Center, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like SSF, AVF, SMF, BGF, LPL, etc.

IDC 20 11:27:02.2z, 0.3075s, 12879E, h0km, mb3.1/3, mb1 3.4/3, mb1mx3.2/16, mbtmp3.2/3, Error ellipse: s-maj=166.5km s-min=26.0km az=68.0, Halmahera

ISCBJ 20 11:30:54.4z, 0.9, 2023N, 004x14545E, 0.05, h88km, 8km, mb4.4/43, Error ellipse: s-maj=8.6km s-min=5.8km az=161.2

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makaranda Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Rows include stations like MJAR, MAJO, JFK, JATS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Rows include stations like DLBC, ARU, ARU, ARU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Rows include stations like MOS 20, ISCJB 20, IDC 20, etc.







Code Station Name Δ° AZ° Phase ID Time Res h m s ISC  
**WRA** Warramunga Arr 20.15 161 Op ISC 13 42 29.8 0.0  
 0.9nm, 0.6s, bsz=340, slow=12, SNR=8.6  
**ASAR** Alice Springs 23.54 165 P 13 43 05.9 -0.2  
 0.3nm, 0.6s, bsz=350, slow=15, SNR=8.4  
**MKAR** Makanchi Array 61.71 326 P 13 48 14.1 +0.2  
 0.4nm, 0.8s, bsz=125, slow=6.2, SNR=4.4

*ISC/JB 20 13:45:07.9±1.2, 1126N, 8656W, h0km, mb4.1/10, mb1.4/3/10, mb1mx4.1/18, mbtmp4.1/10, MS3.3/3, Ms1.3/3, ms1mx3.0/26, Error ellipse: s-maj=4.9km s-min=14.9km az=49.0*  
*ISC/JB 20 13:45:13.6±0.8, 1102N, 004.8667W, h0km, mb4.1/14, MS3.5/2, Error ellipse: s-maj=12.5km s-min=4.4km az=152.0*  
*NEIC 20 13:45:13.7±0.8, 1132N, 8627W, h35km, mb4.2/4, Error ellipse: s-maj=27.5km s-min=10.4km az=48.0*  
*CASC 20 13:45:14.1±2.7, 1105N, 8660W, h29km, 00km, MD4.0, ML4.2, mb4.2(NEIC)*

*ISC 20 13:45:14.9±0.7, 1105N, 004.8667W, h53km, mb4.1/n64, c1914/64, mb4.1/14, MS3.5/2, 9C-11D, Near coast of Nicaragua*

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
SSNN	San Juan del S	0.79	72	Op	ISC	13 45 27.8	-2.1
SSNN					Pn	13 45 41.9	+0.1
CRUN	El Cruero	0.98	18	Op	Pn	13 45 47.2	+2.1
CRUN					Pn	13 45 51.9	-1.1
APON	Apoyo	1.02	32	Op	Pn	13 45 31.1	-2.1
MASN	Masaya	1.04	26	Op	Pn	13 45 32.2	-0.5
TIGN	Ticuantepe	1.05	21	Op	Pn	13 45 58.6	+1.6
CONN	Concepcion	1.10	62	Op	Pn	13 45 32.6	-1.5
MADN	Villa Maderas	1.12	71	Op	Pn	13 45 33.2	-1.1
COPN	Copaltepe	1.12	11	Op	Pn	13 45 33.9	-0.5
COPN	Gruta Xavier	1.13	15	Op	Pn	13 45 49.4	+0.4
XAVN	Xavina	1.14	17	Op	Pn	13 45 34.1	-0.5
TISN	Laguna Tiscapa	1.14	17	Op	Pn	13 45 50.1	+0.9
TISN					Pn	13 45 34.2	-0.5
MGAN	Managua	1.15	18	Op	Pn	13 45 50.0	+0.6
MGAN					Pn	13 45 37.2	0.0
VCR	Vista de Mar	1.33	133	Op	Pn	13 45 36.9	-0.5
HUEN		1.35	19	Op	Pn	13 45 54.4	0.0
HUEN					Pn	13 45 36.8	-0.7
MOMJ	Motomombo	1.35	3	Op	Pn	13 45 52.7	+0.3
MOMJ					Pn	13 45 37.1	-1.5
ZRIO	Dos Rios de Up	1.45	111	Op	Pn	13 45 50.9	-6.0
ZRIO					Pn	13 45 39.8	-0.1
TEL3	Telica 3	1.53	352	Op	Pn	13 45 58.4	-0.3
TEL3					Pn	13 45 40.1	-0.2
TELN	Telica	1.56	352	Op	Pn	13 45 52.7	+0.3
TELN					Pn	13 45 40.1	-0.3
JTS	JuntasAbangare	1.80	115	Op	Pn	13 45 41.1	-2.4
JTS					Pn	13 46 07.7	+2.4
JTS					Pn	13 46 08.5	+3.2
JTS					Pn	13 46 11.3	0.0
JTS	JuntasAbangare	1.80	115	Op	Pn	13 46 07.7	+2.4
JTS					Pn	13 46 41.3	0.0
JTS					Pn	13 45 43.7	-1.2
JCR	Jicaral	1.90	129	Op	Pn	13 45 51.9	+0.8
CGA2	Cerro Gallo 2	2.35	116	Op	Pn	13 45 53.5	+0.4
PR51	Puriscal	2.75	115	Op	Pn	13 46 09.1	+4.5
LAJ	Bijagua	2.72	115	Op	Pn	13 46 42.6	0.0
BLLM	Bellamira	2.86	326	Op	Pn	13 46 42.6	0.0
BLLM					Pn	13 46 45.2	0.0
VSM	San Miguel	2.87	326	Op	Pn	13 46 59.8	+1.4
VSM					Pn	13 46 42.6	0.0
LCR2	La Lucha 2	2.88	117	Op	Pn	13 46 18.3	0.0
LCR2	Volcan Cruzu	2.94	111	Op	Pn	13 46 57.2	0.0
URSC	Urasca	3.04	113	Op	Pn	13 46 18.3	0.0
TGUH	Teguicigalpa,Un	3.06	348	Op	Pn	13 46 18.3	0.0
CAHU	Cacacuita	3.12	330	Op	Pn	13 46 18.3	0.0
CAHU					Pn	13 46 55.5	0.0
SNVI	San Vicente	3.35	320	Op	Pn	13 46 17.4	0.0
SNVI					Pn	13 46 56.0	0.0
LCBS	La Ceiba	3.47	319	Op	Pn	13 46 18.3	0.0
LCBS					Pn	13 46 57.2	0.0
LFRS	El Faro	3.50	317	Op	Pn	13 46 18.3	0.0
LFRS					Pn	13 46 57.2	0.0
SNET	Serv Nac Est T	3.66	316	Op	Pn	13 46 18.3	0.0
SNET					Pn	13 46 52.7	0.0
BAN1	Banet	3.72	119	Op	Pn	13 46 10.9	+1.0
BOQS	Boqueron	3.73	316	Op	Pn	13 46 18.6	0.0
BOQS					Pn	13 47 03.3	0.0
RBDL	Ribledal	4.27	316	Op	Pn	13 46 28.8	0.0
RBDL					Pn	13 47 16.9	0.0
RBDL					Pn	13 50 45.9	0.0
TEIG	Tepeich	9.26	350	Op	LR	13 47 37.2	+0.9
TEIG					LR	13 47 37.2	+0.9
CMIG	Matias Romero	10.02	308	Op	Pn	13 46 37.4	+0.9
CMIG					Pn	13 46 37.4	+0.9
CMIG	Matias Romero	10.02	308	Op	Pn	13 46 37.4	+0.9
CMIG					Pn	13 47 32.9	+0.9
SJG	San Juan	21.00	68	Op	LR	13 50 26.1	-0.7
SJG					LR	13 50 26.1	-0.7
SWET	Sewanee	24.07	1	Op	P	13 50 24.4	-0.8
TXAR	Lajitas Array	24.17	321	Op	P	13 50 25.4	-0.9
TXAR					P	13 50 25.4	-0.9
MIAR	Mount Ida	24.23	346	Op	P	13 50 26.1	-0.7
MIAR					P	13 50 26.1	-0.7
TKL	Tuckaleechee C	24.63	6	Op	P	13 50 29.8	-0.6
TKL					P	13 51 18.1	+0.6
ANMO	Albuquerque	29.87	326	Op	P	13 51 19.5	0.0
ANMO					P	13 51 18.1	+0.6
ANMO	Albuquerque	29.87	326	Op	P	13 51 18.1	+0.6
ANMO					P	13 51 33.6	+1.6
SDCO	Great Sand Dun	31.53	331	Op	P	13 51 33.6	+1.6
SDCO					P	13 51 33.6	+1.6
SIV	San Ignacio	36.89	136	Op	P	13 52 19.8	+1.1
SIV					P	13 52 22.4	-0.1
PDAR	Pinedale Array	37.53	332	Op	P	13 52 24.4	-0.1
PDAR					P	13 52 24.4	-0.1
HWUT	Hardware Ranch	37.49	329	Op	P	13 52 24.4	+1.2
HWUT					P	13 52 39.8	-3.1
ULM	Lac du Bonnet	39.82	351	Op	P	13 52 48.9	+1.4
ULM					P	13 52 48.9	+1.4
HLID	Hailey	40.35	328	Op	P	13 52 50.5	+1.8
HLID					P	13 53 33.3	-2.6
MCMT	McKenzie Canyon	40.00	331	Op	P	13 53 40.1	-1.8
MCMT					P	13 54 40.1	-1.8
SCHG	Schefferville	46.39	16	Op	P	13 54 40.1	-1.8
SCHG					P	13 54 40.1	-1.8
YKA	Yellowknife Ar	55.17	345	Op	P	13 54 40.1	-1.8
YKA					P	13 54 40.1	-1.8
MDT	Middle	77.42	59	Op	LR	14 28 23.5	0.0
MDT					LR	14 28 23.5	0.0
KEST	Keora	88.41	54	Op	P	13 58 02.4	+0.8
KEST					P	13 58 12.3	-0.3
FINES	FINES Array B	90.86	26	Op	P	13 58 12.3	-0.3
FINES					P	13 58 12.3	-0.3
SONM	Songino Array	120.25	350	Op	PKP	14 03 59.9	-0.4
SONM					PKP	14 03 59.9	-0.4
SONM	Songino Array	120.25	350	Op	PKP	14 04 01.6	-1.2
SONM					PKP	14 04 01.6	-1.2
MKAR	Makanchi Array	121.57	9	Op	PKP	14 04 01.6	-1.2
MKAR					PKP	14 04 01.6	-1.2

**mb4.0/6, MS3.3/1, Halmahera**  
 Code Station Name Δ° AZ° Phase ID Time Res h m s ISC  
**FITZ** Fitzroy Crossi 17.13 186 Pn 13 58 53.8 +0.5  
**FITZ** Fitzroy Crossi 17.13 186 Pn 13 58 53.8 +0.5  
**WRA** Warramunga Arr 20.16 161 P 13 59 26.7 -0.5  
**ASAR** Alice Springs 23.44 165 P 14 00 03.0 -0.4  
**STKA** Stephens Creek 33.55 158 P 14 01 34.4 +0.6  
**JNU** Nakatsue 34.05 5 LR 14 13 30.9  
**SONM** Songino Array 51.92 342 P 14 04 03.7 +1.2  
**SONM** Songino Array 51.92 342 P 14 03 07.7 +1.2  
**MK31** Makanchi Array 61.78 326 P 14 05 13.1 +0.5  
**MKAR** Makanchi Array 61.78 326 P 14 05 12.9 +0.4  
**ZALV** Zalesovo Beam 65.06 334 P 14 05 32.2 -0.8  
**AKTK** Aktyubinsk 77.74 322 P 14 06 50.0 -0.8  
**AKTO** Aktyubinsk 77.74 322 P 14 06 50.0 -0.8  
**FFD** Franklin Falls 149.19 9 Pdf 14 11 14.1 +2.3  
**TZTN** Tazewell 134.45 35 ePKPdf 14 14 14.2 +1.6

*ISC/JB 20 13:57:13.4±0.3, 103S, 005:12739E, h10km, mb4.7/39, MS3.8/2, Error ellipse: s-maj=12.5km s-min=6.3km az=160.4*  
*BUI 20 13:57:13.8, 147S, 12750E, h35km, mb5.1, mb4.9, Ms4.5, Ms4.3*  
*ISC 20 13:57:13.5±0.7, 102S, 12731E, h0km, mb5.4/5/12, mb1.4/5/13, mb1mx4.4/21, mbtmp4.5/13, ML3.9/1, MS3.8/1, Ms1.3/7.1, ms1mx3.0/22, Error ellipse: s-maj=30.4km s-min=14.0km az=78.0*  
*NEIC 20 13:57:15.8±0.4, 105S, 12716E, h10km, mb4.9/15, Error ellipse: s-maj=13.2km s-min=6.8km az=63.0*  
*MOS 20 13:57:17.7±1.3, 091S, 12721E, h33km, mb5.0/14, Error ellipse: s-maj=19.9km s-min=8.2km az=118.1*  
*ISC 20 13:57:15.6±0.3, 103S, 005:12732E, h0km, mb4.9/39, MS3.8/2, Error ellipse: s-maj=12.5km s-min=6.3km az=160.4*

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
KAKA	Kakadu	12.67	157	Op	ISC	14 00 15.8	-0.2
KKM	Kota Kinabalu	13.12	302	Op	Pn	14 00 19.4	-2.9
FITZ	Fitzroy Crossi	17.05	185	Op	Pn	14 01 15.6	+1.4
FITZ					Pn	14 01 15.0	+0.8
KSM	Kuching	17.19	278	Op	Pn	14 01 15.4	-0.7
WRA	Warramunga Arr	20.16	161	Op	Pn	14 01 47.3	-1.3
COEN	Coen	20.28	130	Op	P	14 01 53.0	+1.5
PMG	Port Moresby	21.42	114	Op	P	14 02 08.2	+4.2
ASAR	Alice Springs	23.39	165	Op	P	14 02 24.0	-0.9
YHNB	Yeheng	26.19	348	Op	P	14 02 50.4	-0.1
CTA	Charters Tower	26.49	137	Op	P	14 03 00.1	+6.7
CTA					P	14 02 57.1	+3.7
CTA					P	14 03 00.1	+3.7
CTA					P	14 02 57.1	+3.7
JOW	Kunigami	27.71	2	Op	P	14 03 02.9	-1.4
PSI	Prapan	28.64	278	Op	P	14 03 12.3	-0.4
FORT	Forrest	29.59	179	Op	P	14 03 20.1	-0.9
STKA	Stephens Creek	33.51	158	Op	P	14 03 56.2	+0.8
STKA					P	14 03 55.5	+0.1
STKA					P	14 03 56.4	-2.2
STKA					P	14 03 55.5	+0.1
STKA					LR	14 18 19.2	0.0
NJ2	Nanjing	33.86	347	Op	P	14 03 56.5	-2.0
NJ2					AMB	14 04 01.1	+0.3
UNJ	Nakatsue	34.13	5	Op	P	14 04 12.0	+1.5
KMI	Kunming	35.24	319	Op	P	14 04 12.0	+1.5
KMI					AMB	14 04 12.0	+1.5
KMI					AMB	14 04 12.0	+1.5
KMI					AMB	14 04 12.0	+1.5
KSRS	Korea Array	38.30	1	Op	P	14 04 35.8	-0.6
MJAR	Matsushiro Arr	38.73	14	Op	P	14 04 39.0	-1.0
MJAR					P	14 04 39.0	-1.0
CD2	Chengdu	38.87	327	Op	P	14 04 41.3	0.0
CD2					AMB	14 04 41.0	-0.8
XAN	Xi'an	38.93	335	Op	P	14 04 49.0	+4.1
XAN					AMB	14 04 49.0	+4.1
XAN					AMB	14 04 49.0	+4.1
BJT	Baijiatuu	42.10	347	Op	P	14 05 07.8	-0.1
BJT					P	14 05 07.8	-0.1
BJT					P	14 05 07.8	-0.1
LZH	Lanzhou	42.91	332	Op	P	14 05 16.0</	

20d 14h

2007 FEB

ISC 20 14:25:29.1,0.6,105S:002:12701E:003,h30km,3km, h25km,2.5km,pp-P,n747,r16/468,mb5.9/141,MS5.6/211, 21C-60D, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists various stations like AAI, PCI, MATI, DAV, etc.

Table with columns: GZH, Guanzhou, Azimuth, Phase, ID, Time, Res, ISC. Lists various stations like GZH, GZH, GZH, etc.

Table with columns: KMI, Kunming, Azimuth, Phase, ID, Time, Res, ISC. Lists various stations like KMI, KMI, KMI, etc.





BOYT	Boyabat	92.28 311	iP	P	14 38 35.1	-1.4
APA	Apatity	92.35 337	l/iP	P	14 38 36.0	-0.2
APA			eS		14 49 07.0	
APA			eSP	SP	14 49 39.0	+1.7
APA			eSS	SS	14 50 45.0	+2.5
APA			eSSP		14 51 22.0	
APA			iSS	SS	14 50 50.0	+2.0
APA			pmax	pmax		
CTKT	Corum	92.37 310	iP	P	14 38 35.7	-1.2
CORM	Corum	92.50 310	eP	P	14 38 33.5	-4.1
DAWY	Dawson	92.52 26	eP	P	14 38 37.0	-0.1
NIG	Nigde	92.54 308	eP	P	14 38 38.0	+0.2
MERS	Mersin	92.62 307	eP	P	14 38 37.5	-0.7
TAOE	Nuku Hiva Isla	92.64 99	eSKSac	SKSac	14 49 05.4	-5.6
TAOE			eSP	SP	14 50 48.1	-5.1
TAOE			eSS	SS	14 55 45.8	-9.2
TAOE			eLQ		15 04 42.1	
TAOE			eLR	LR	15 08 29.3	
CDAG	Cieckdag	92.70 309	iP	P	14 38 37.5	-1.0
SIM	Simferopol'	92.79 315	eP	P	14 38 37.4	-1.4
SIM			e		14 42 22.0	
SIM			eS		14 49 13.0	
SIM			ePS	PS	14 49 41.0	-1.2
SIM			pmax	pmax	14 50 52.0	-5.7
SIM			pmax	pmax		
KAMT	Kaman	93.22 309	eP	P	14 38 38.8	-2.1
BRTR	Keskin Array B	93.27 310	P	P	14 38 39.8	-1.3
BRTR					14 42 19.4	
BRTR	Keskin Array B	93.27 310	P	P	14 38 39.8	-1.4
BRTR					14 42 19.4	-5.6
BRTR					15 27 00.2	
IKL	Isikli	93.31 306	eP	P	14 38 40.2	-1.2
BALT	Daday	93.41 311	iP	P	14 38 41.1	-0.7
JOF	Joensuu	93.53 333	eP	P	14 38 39.2	-2.6
JOF					14 38 39.2	-2.6
JOF			pmax	pmax		
ANTO	Ankara	93.91 310	PFAKE	LR	14 39 00.0	+1.6
ANTO						
KEV	Kevo	94.45 340	PFAKE	LR	14 39 00.0	+1.4
KEV						
INK	Inuvik	94.47 22	eP	P	14 38 45.0	-1.0
INK						
INK	Inuvik	94.47 22	LR	LR	15 19 44.7	
SKAG	Skagway	94.80 31	P	P	14 38 48.5	+0.8
ARCES	ARCES Array B	95.00 34	eP	P	14 38 46.8	-1.6
ARCES					15 30 32.1	
SIT	Sitka	95.05 33	PFAKE	LR	14 39 00.0	+1.1
SIT						
KBS	Kingsbay	95.73 350	PFAKE	LR	14 39 00.0	+8.4
KBS						
AKASG	Malin Array B	95.73 321	P	P	14 38 50.3	-1.9
AKASG					14 42 43.5	-0.5
KIEV	Kiev	95.70 321	eP	P	14 38 50.5	-1.8
KIEV						
KIEV	Kiev	95.76 321	P	P	14 38 50.8	-1.5
KIEV			pmax	pmax		
ISP	Isparta	95.78 308	eP	P	14 38 50.5	-2.3
ISP					14 38 51.0	-1.7
KAF	Kangasniemi	95.94 332	eP	P	14 38 50.0	-2.8
KAF						
KAF	Kangasniemi	95.94 332	P	P	14 38 50.0	-2.8
KAF			pmax	pmax		
FINES	FINESS Array B	96.15 332	P	P	14 38 51.8	-2.0
FINES					14 42 45.9	
FINES	FINESS Array B	96.15 332	P	P	14 38 51.8	-2.1
FINES					14 42 45.9	-0.9
FINES					15 26 49.6	
MNK	Minsk	96.19 325	eP	P	14 38 52.0	-2.1
KLYT	Kilyov	96.69 311	eP	P	14 38 54.5	-2.2
ULDT	Uludag	96.70 310	iP	P	14 38 54.5	-2.3
TIRR	Tirgusor	96.88 315	P	P	14 38 56.2	-1.3
TIRR					14 38 56.3	-1.2
RKT	Rikitea	96.96 113	eLQ		15 06 19.1	
RKT					14 42 53.5	-0.7
RKT					14 49 26.8	-7.1
RKT			eSP	SP	14 51 36.0	-4.3
RKT			eSS	SS	14 56 58.5	+2.4
RKT			eLR	LR	15 10 32.3	
VRI	Vrincioaia	97.92 316	P	P	14 39 02.2	0.0
VRI					14 39 01.6	-0.6
LSZ	Lusaka	98.24 254	eP	P	14 39 04.5	+0.3
LSZ						
LSZ					14 39 04.6	+0.3
LSZ			pmax	pmax		
LSZ			MLR	MLR		
MLR	Muntele Rosu	98.51 316	P	P	14 39 04.5	-0.4
MLR					14 39 03.1	-1.7
MLR					15 28 03.6	
MLR					14 39 04.1	-0.7
MLR					14 39 11.8	+6.6
MLR					14 39 06.1	-0.5
SUW	Suwalki	98.96 325	eSKS	SKS	14 49 44.2	
SUW			LMZ	LMZ	15 23 54.2	
SUW					14 39 06.1	-0.6
SUW			eSKS	SKS	14 49 44.2	
LVV	L'vov	99.17 320	eP	P	14 39 05.5	-2.2
LVV					14 43 11.5	
LVV			ePPP		14 45 25.7	
LVV			eS		14 49 44.2	
LVV			eSS	SS	14 50 32.1	-5.0
LVV			eSSS	SS	14 57 21.9	-3.7
LVV			eSSS		15 01 19.3	
BOSA	Boshof	99.81 241	P	Pdf	14 39 11.3	+0.9
BOSA					15 22 34.7	
LBTB	Lobatse	99.90 245	P	Pdf	14 39 11.8	+1.0
LBTB					14 39 11.8	+1.0
BBB	Bella Bella	99.92 37	LR	LR	15 20 58.8	
KWP	Kalwaria	100.05 320	eP	Pdf	14 39 11.1	-0.4
KWP			ePP		14 43 22.1	+0.5
KWP			eSKS	SKS	14 49 49.4	
KWP			LMZ	LMZ	15 23 52.9	
KWP					14 39 11.1	-0.4
KWP			eP	P	14 43 22.0	+0.5
KWP			eSKS	SKS	14 49 49.4	

KOLS	Kolonické sedl	100.45 320	ePdif	Pdf	14 39 15.0	+1.7
KOLS			ePP	PP	14 43 25.4	+5.3
KOLS			eSKSac	SKSac	14 49 52.1	+1.8
KOLS			eSdif	Sdif	14 50 48.3	+0.7
KOLS			eS	Sdif	14 39 15.0	+1.7
KOLS			eS	Sdif	14 50 48.3	+0.7
KOLS			eS	Sdif	14 39 15.1	+1.8
KOLS			ePP	PP	14 43 25.4	+5.3
KOLS			ePP	PP	14 50 46.0	-1.6
KOLS			eSDIF	SDIF	14 39 13.0	-0.5
KOLS			e	Sdif	14 43 25.2	
KOLS			e	Sdif	14 49 50.0	
KOLS			eS	Sdif	14 50 44.0	-3.9
KOLS			eS	Sdif	14 52 12.0	-9.5
KOLS			eSS	SS	15 01 35.0	
KOLS			eSSS	SS	14 39 14.1	+0.5
KOLS			e	Sdif	14 39 15.1	+0.5
KOLS			e	Sdif	14 43 29.3	+2.5
KOLS			e	Sdif	14 49 53.4	
KOLS			eSdif	Sdif	14 50 48.0	-4.0
KOLS			e	Sdif	14 39 15.1	+0.5
KOLS			eS	Sdif	14 50 48.0	-4.0
KOLS			eS	Sdif	14 39 15.5	-0.1
KOLS			ePP	PP	14 43 29.3	+2.5
KOLS			ePP	PP	14 50 47.5	-4.5
KOLS			eSDIF	SDIF	14 39 17.4	+1.6
KOLS			e	Sdif	14 49 55.2	
KOLS			e	Sdif	14 39 17.3	+1.5
KOLS			e	Sdif	14 39 30.0	+1.3
KECS	Kecovo	101.70 319	ePdif	Pdf	14 39 18.6	-0.2
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.5	-0.3
KECS			ePP	PP	14 43 32.8	+3.3
KECS			ePP	PP	14 39 18.7	-0.4
KECS			ePP	PP	14 43 32.8	+3.3</









GUC 20 17:25:11.4, 0.8, 2690Sx7105W, h25km, 5km, ML5.1
NEIC 20 17:25:11.4, 2690Sx7105W, h25km, mb4.8/8, ML5.1 (GUC), After GUC.

NEIC Feb [III] at Chanalard and Copiapo; [II] at Caldera and Tierra Amarilla.

BUI 20 17:25:14.4, 2690Sx7100W, h25km, mb5.2, Ms5.2, Msz5.0
ISC 20 17:25:10.9-0.9, 2678S-003-7093W, 0.07, h17km, 5km, n85, c1508/57, mb4.6/17, MS4.4/7, 6D, Near coast of northern Chile

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

Table with columns: WMIQ, Urumqi, Sonm, Songino Array, etc. Lists seismic events with magnitude, time, and location details.

Table with columns: BCLA, Clavier, Waferdange, etc. Lists seismic events with magnitude, time, and location details.













Table with columns: I/S, Sn, Time, Az, El, Res, Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h m s, ISC. Includes stations like Guajares, Cogollos-Vega, Vila Real, etc.

Table with columns: I/S, Sn, Time, Az, El, Res, Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h m s, ISC. Includes stations like Arriondas, Beniarda, Mosqueruela, etc.

Table with columns: I/S, Sn, Time, Az, El, Res, Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h m s, ISC. Includes stations like San Juan, Lac du Bonnet, Yelloknife Ar, etc.

Table with columns: STKA, MGK, PMK, ASAR, ASAR, WB2, WRA, WRA, WRA, FITZ, NWAO, GSPA, MJAR, MAJJO, MAJW, MAW, YSS, KSRs, CMB, NVAR, MDJ, MDJ, MDJ, TUC, MA2, TXAR, ENH, BJT, SDCA, PDAR, COLA, WALA, JTS, SONM, MKAR, MKAR, KURK, BOSHO, BOSHO, ARU, ARCESS, ARCESS, FINES, FINES, NB2, NOA, NOA, AKASG, AKASG, BR131, BR131, BRTR, BRTR, KHC, GERES, GERES, GERES, TORO, TORO, TORO, TORO, NEIC 20 22:42:28.9, 5.53N-82.72W, h25km, MD4.1(CASC), After CASC, CASC 20 22:42:30.6-1.5, 55.11N-82.63W, h23km, 74km, MD4.1, 2C-4D, South of Panama

Table with columns: MKAR, NEIC 20 23:08:07.6, 6.342N-151.32W, h13km, ML3.7(PMR), ML3.2(AE), After AEIC, Central Alaska

Table with columns: IDC 20 23:11:19.7-0.8, 31.22S-72.00W, h0km, mb4.5/7, mb1 4.4/10, mb1mx3.4/19, mbtmpp4.4/10, ML4.0, MS3.5/2, MS1 3.5/2, ms1mx3.0/27, Error ellipse: s-maj=23.2km, s-min=16.9km az=40.0, ISCJB 20 23:11:22.8, 1.4, 31.15S-003:71.92W-0.09, h2km, 10km, mb4.3/9, MS3.4/2, Error ellipse: s-maj=13.4km, s-min=4.5km az=4.8, NEIC 20 23:11:24.3, 31.22S-71.76W, h15km, mb4.6/3, ML4.4(GUC), GUC 20 23:11:24.3-0.9, 31.22S-71.76W, h15km, 7km, MD4.2, ML4.4, ISC 20 23:11:22.51-1.5, 31.15S-003:71.89W-0.08, h6km, gkm, m54, s102.55, mb4.3/9, MS3.4/2, 8C-7D, Near coast of central Chile

Table with columns: ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, MKAR

BUI 20 23:12:24.2, 12.05S, 118.86E, h40km, mB5.2, mB5.0, Ms4.7, Ms2.5, IDC 20 23:12:26.3-0.4, 11.16S, 118.96E, h0km, mb4.9/21, mb1 4.9/22, mb1mx1.8/24, mbtmpp4.9/22, ML4.9/1, MS4.4/17, MS1 4.4/17, ms1mx4.1/26, Error ellipse: s-maj=17.2km, s-min=11.9km az=57.0, ISCJB 20 23:12:29.0-0.2, 11.28S-0.04, 118.98E-0.05, h32km, mB5.1/79, MS4.4/31, Error ellipse: s-maj=7.4km, s-min=4.8km az=141.6, MOS 20 23:12:30.7-1.2, 10.96S, 119.02E, h33km, mB5.2/25, MS4.2/4, Error ellipse: s-maj=14.1km, s-min=6.8km az=110.5, GCMT 20 23:12:32.6-0.2, 11.38S, 119.02E, h12km, MW5.2/79, Moment Tensor Solution, s44, c59, s79, c36; Duration: 0 Moment tensor: Scale 1016Nm; Mr=5.56; 14; Mw=5.23; 09; Mo=0.32; 14; Mo=0.17; 36; Mo=1.92; 11; Mw=4.73; 47; Best double couple: M7, 22100, 1016 NP1: s=274.00000; s44: 0.00000; s45: -0.00000; NP2: phi=41.00000; phi=60.00000; lambda=123.00000; Principal axes: T 6.1250, P19.0000; Azm 154.0000; N 2.1900, Plg28.0000; Azm 59.0000; P -8.3100, Plg60.0000; Azm 261.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Table with columns: NEIC 20 23:12:32.6-0.2, 11.23S, 118.93E, h40km, mB5.1/25, MS5.0/1, Error ellipse: s-maj=9.7km, s-min=5.8km az=61.0, ISC 20 23:12:31.2-0.2, 11.29S-0.04, 118.99E-0.05, h35km, h35km, s-maj=pp-P, s-maj, s114/209, mB5.1/79, MS4.4/31, 10C-11D, South of Panama





ISCJB 21 00:05:46.8.0.2, 6379N.002.408W, 005, h10km, mb4, 1/27, Error ellipse: s-maj=3.1km s-min=2.7km az=135.5

Table with columns: Code, Station Name, Az, Phase ID, Op, ID, Time, Res. Includes stations like Torshavn, Lerwick, Floro, Glemsstadir, Sulen, Aaalbol, Bruarjokull, etc.

Main table with columns: NOA, Station Name, Az, Phase ID, Op, ID, Time, Res. Includes stations like Stokkvaagen, Kongsberg, Kongsberg, Edinburg, etc.

Main table with columns: Station Name, Az, Phase ID, Op, ID, Time, Res. Includes stations like Grafenberg Arr, Champ Du, Haudompre, etc.



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

NEIC 21 00:08:36.2, 3442S, 7092W, h95km, MD3.7(GUC), After GUC.

GUC 21 00:08:36.2, 0.8, 3442S, 7092W, h95km, 5km, MD3.7, ML3.0, 4C-4D, Chile-Antarctic border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Chile-Antarctic border region.

NEIC 21 00:23:23.0, 4533S, 7302W, h8km, mb4.7/4, ML4.8(GUC), After GUC.

IDC 21 00:23:23.9, 1.6, 4534S, 7236W, h0km, mb4.3/4, mb1 4.5/4, mb1 mx4.3/13, mbtmp4.3/4, MS4.3/7, MS1 4.3/7, ms1mx4.2/13, Error ellipse: s-maj=64.9km s-min=33.2km

GUC 21 00:23:23.0, 0.3, 4533S, 7302W, h8km, ML4.8, ISCJB 21 00:23:27.5, 2.3, 451S, 0.1, 720W, 0.3, h26km, 21km, mb4.4/8, MS4.4/7, Error ellipse: s-maj=34.4km s-min=17.1km az=146.0

ISC 21 00:23:30.5, 1.2, 452S, 0.2, 721W, 0.3, h41km, 17km, n33, o85R/19, mb4.4/8, MS4.4/7, Southern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Southern Chile region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the 2007 FEB region.

IDC 21 00:25:54.3, 8.8, 4939S, 12473E, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.7/11, mbtmp3.9/2, MS3.3/2, MS1 3.3/2, ms1mx3.1/14, Error ellipse: s-maj=136.1km s-min=69.6km az=116.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Western Indian-Antarctic Ridge region.

IDC 21 00:33:19.9, 0.9, 3134N, 7773E, h0km, mb3.9/12, mb1 4.1/13, mb1mx3.9/25, mbtmp4.0/13, ML4.1/1, Error ellipse: s-maj=25.5km s-min=18.6km az=48.0

ISCJB 21 00:33:23.1, 0.5, 3138N, 002, 7772E, 0.03, h30km, 4km, mb3.9/19, Error ellipse: s-maj=4.5km s-min=3.5km az=140.6

MOS 21 00:33:23.6, 0.8, 3138N, 7778E, h33km, 8km, mb4.3/5, Error ellipse: s-maj=13.6km s-min=7.5km az=96.2

NDI 21 00:33:24.3, 4.4, 3138N, 7777E, h33km, ML4.0, mb4.1(NEIC)

NEIC 21 00:33:25.9, 0.8, 3137N, 7775E, h37km, 8km, mb4.1/5, Error ellipse: s-maj=8.5km s-min=6.6km az=225.0

BUJ 21 00:33:28.2, 3177N, 7800E, h34km, mb4.3, ML3.9

NNC 21 00:33:40.5, 15.0, 3260N, 7773E, h59km, 110km, mb3.8, Error ellipse: s-maj=119.1km s-min=81.2km az=1.0

ISC 21 00:33:24.5, 0.6, 3136N, 002, 7773E, 0.03, h25km, 5km, n84, o14/107, mb3.9/19, 6C-2D, Northern India

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Northern India region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the 21d 0h region.

NEIC 21 00:52:41.7, 1857N, 6394W, h15km, 31km, MD3.5/6, RSPR, 12C, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Leeward Islands region.

IDC 21 00:54:51.2, 1.2, 090S, 12777E, h0km, mb3.8/4, mb1 3.9/6, s-maj=94.9km s-min=18.4km az=71.0, Halmahera

ISCJB 21 00:54:51.2, 1.2, 090S, 12777E, h0km, mb3.8/4, mb1 3.9/6, s-maj=94.9km s-min=18.4km az=71.0, Halmahera

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Halmahera region.



Main table of satellite data with columns for station name, frequency, polarization, and various parameters. Includes stations like VYHS, KOLS, BRTR, etc.

SOFT 21 02:04:26.8, 39021N-21.70E, h7km, MD3.8
PRU 21 02:04:35.7, 40101N-21.42E, h0km, M4.2
ISCJIB 21 02:04:38.0, 4.0525N-001-2231E, 0.01, h7km, 2km,
mb4, 1/29, MS3.2/4, Error ellipse: s-maj=2.1km
s-min=1.8km az=21.3
CSEM 21 02:04:38.7, 4055N-22.41E, h5km, ML4.6
MOS 21 02:04:38.7, 4.0525N-22.23E, h18km, mb4, 4/9, Error
ellipse: s-maj=3.7km s-min=2.7km az=114.9
IDC 21 02:04:38.7, 4.053N-22.30E, h0km, md4.0/18,
mb1.4, 1/27, mb1mx4.1/31, mbtmp4.0/27, ML3.9/10, MS3.3/9,
Ms1.3, 3/9, ms1mx3.0/49, Error ellipse: s-maj=1.91km
s-min=1.14km az=122.0
ATH 21 02:04:38.7, 4049N-22.39E, h1.0km, 2km, MD4.0/17, ML3.9
NEIC 21 02:04:39.9, 4051N-22.41E, h4km, mb4, 2/19, MD3.8(SOF),
ML4.6(TH), ML4.0(PDG), ML3.9(ATH), ML3.6(BUC), After
THE.
THE 21 02:04:39.9, 4051N-22.41E, h4km, ML4.5
PDG 21 02:04:39.6, 1.3, 4056N-22.36E, h8km, 2km, MD4.2/1,
ML4.0/10, Error ellipse: s-maj=1.6km s-min=1.8km az=0.0
NAO 21 02:04:52.7, 4158N-22.76E, h33km, mb4.0
ISC 21 02:04:39.1-0.3, 4050N-001-2234E, 0.01, h2km, 2km, n517,
+124/611, mb4, 1/29, MS3.2/4, 55C-26D, Greece

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Lists stations like LIT, GRG, KZN, THE, HORT, FNA, KNT, SOH, VAY, PLG, BIA, THL, MEV, PAIG, PAIG, KBN, KBN, KRUS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BUD, SGKT, BURAR, etc.

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

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

Additional information and notes at the bottom right of the page, including station names and technical parameters.







Table with columns for call sign, frequency, power, and other technical details. Includes stations like YAK, MA2, KZA, TKM2, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ARU, MAW, TNA, SDPT, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KMBO, KMBK, KMBP, etc.

Table with columns: KOLS, Kolonickie sedl, UZH, DRGR, CRVS, STHS, KECS, RES, VNA2, VYHS, NOA, YKA, DPC, PVCC, HUMO, PRU, YBH, CLL, HOPS, CRES, PERS, WDC, KHC, GERES, GERES, GERES, MCMC, MOX, MOD, GRF, SAO, CMB, WVOR, WVOR, TSMU, BMN, MSO, TPH, DAC, HLID. Each row contains station name, frequency, power, and various technical parameters.

Table with columns: HLID, ELK, BAIF, LPG, LPL, BNI, BOZ, MBDF, MBOZ, MBDF, PFO, PRIF, ORIF, YMR, KESR, DUG, DUG, DUG, SSF, SSF, SSF, AVF, AVF, AVF, FCC, FCC, TCF, TCF, PDAR, PDAR, PDAR, PDAR, WUAZ, WUAZ, LFF, LFF, TUC, TUC, MIVO, MIVO, RSSD, RSSD, ISCO, ISCO, ULM, ULM, SDCO, SDCO, ANMO, ANMO, ANMO, BNM, ESDC, ESDC, ESDC, MNTX, MNTX, ECSD, ECSD, CBKS, CBKS, CBKS, LTX, LTX, LTX, TXAR, TXAR, TXAR, TXAR, KSU1, KSU1, TOAO, TOAO, TORD, TORD, TORD, TORD, TORD, TORD. Each row contains station name, frequency, power, and various technical parameters.

Table with columns: COWI, SCHO, WMOK, WMOK, JCT, JCT, HDIL, HDIL, KVTX, KVTX, MIAR, MIAR, HKT, HKT, OXF, OXF, LIC, LIC, LIC, TZTN, TZTN, LRAL, LRAL, WES, WES, CMIG, CMIG, BRAL, BRAL, GOGA, GOGA, CNCC, CNCC, NHSC, NHSC, TEIG, TEIG, TEIG, DWPF, DWPF, SOR, SOR, TGUH, TGUH, LPA, LPA, LCO, LCO, LCO, MGV, JCR, JTS, JTS, JTS, JTS, PRS1, LAJ, QCR, LCR2, URSC, BARI, BCIP, BCIP, NNA, NNA, NNA, ATAH, ATAH, OTAV, OTAV, OTAV, SDDR, SDDR, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, ROSC, ROSC, ROSC, MTP, MTP, SIV, SIV, SIV, RCBR, RCBR, IGQ 21 02:27:20.7, IGQ 21 02:27:20.7, IGQ 21 02:27:20.7. Each row contains station name, frequency, power, and various technical parameters.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CAMI, VC1, VC1, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAN 21 02:40:50, BIFPH, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAN 21 02:43:12, CVP, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAN 21 02:45:09, CVP, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BJI 21 02:45:31, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ISCJB 21 02:47:25, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IDC 21 03:20:43, FITZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IDC 21 03:26:57, PMG, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IDC 21 03:34:30, etc.

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

NEIC 21 03:42:07.6, 3115S:7167W, h13km, ML3.3(GUC), After GUC.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GUC 21 03:42:07.6, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IDC 21 03:46:53, etc.

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

IDC 21 03:59:00.3, 6.1, 8035S:15603E, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.3/1, mbtmp4.3/3, MS3.7/7, Ms1 3.7/7, ms1mx3.3/1, Error ellipse: s-maj=102.3km s-min=79.3km az=15.0, Bougainville - Solomon Islands region

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

IDC 21 04:05:44.0, 8.3, 561S:15116E, h71km, 59km, mb3.6/3, mb1 3.9/4, mb1mx3.5/15, mbtmp3.7/16, ML3.2/1, MS3.6/2, Ms1 3.1/2, ms1mx2.9/23, Error ellipse: s-maj=99.0km s-min=52.8km az=126.0, New Britain region

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

IDC 21 04:10:23.6, 0.8, 20N:01:309E, 0.1, h10km, mb3.7/6, Error ellipse: s-maj=24.1km s-min=14.4km az=146.3

NEIC 21 04:10:24.1, 1.3, 172N:3071E, h10km, Error ellipse: s-maj=37.5km s-min=15.3km az=214.0

IDC 21 04:10:24.2, 1.3, 198N:307E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.7/19, mbtmp3.7/7, ML3.5/1, MS3.4/2, Ms1 3.4/2, ms1mx3.0/29, Error ellipse: s-maj=35.3km s-min=24.0km az=75.0

IDC 21 04:10:25.7, 0.8, 20N:01:309E, 0.1, h10km, n9, e170/11, mb3.7/6, Zaire

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KMB0, MATP, etc.

IDC 21 04:14:47.6, 0.9, 1256N:14182E, h0km, mb4.0/1/1, mb1 4.1/1, mb1mx4.0/21, mbtmp4.0/11, MS3.2/9, Ms1 3.2/9, ms1mx3.1/26, Error ellipse: s-maj=37.3km s-min=19.4km az=82.0

ISCJB 21 04:14:49.0, 7.7, 1251N:010:1417E, 0.2, h33km, mb4.1/19, MS3.2/7, Error ellipse: s-maj=24.5km s-min=12.3km az=170.1

BJI 21 04:14:49.2, 1250N:14180E, h23km, mb4.9, mb4.6, Error ellipse: s-maj=31.5km s-min=11.9km az=111.9

NEIC 21 04:14:51.3, 0.5, 1254N:14182E, mb4.6/4, Error ellipse: s-maj=21.3km s-min=11.5km az=77.0

IDC 21 04:14:51.2, 0.7, 1255N:009:1419E, 0.2, h24km, h24km, 1.9km, pp-P, n38, e088/31, mb4.1/19, MS3.2/7, 1D, South of Mariana Islands

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









Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA 0.2nm,0.3s,baz=6.7,slo=12,SNR=11, FITZ Fitzroy Crossi, FITZ 17.62 213 P, ASAR Alice Springs, ASAR 2.0nm,0.6s,baz=7.9,slo=11,SNR=34, MKAR Makanchi Array, MKAR 0.2nm,0.5s,baz=106,slo=9.0,SNR=4.1

ISCJB 21 07:15:57.0t.1.8, 471N:0.2x:1529E:02, h99km, 15km, mb3.7/9, Error ellipse: s-maj=32.5km s-min=14.2km az=141.1, MOS 21 07:15:57.8t.1.6, 4724N:15274E, h107km, mb4.1/5, Error ellipse: s-maj=30.1km s-min=17.8km az=76.4, IDC 21 07:16:01.0t.4.6, 4703N:15274E, h121km, mb3.4/9, mb1.3/10, mb1mx3.4/24, mbtmp3.4/10, Error ellipse: s-maj=26.6km s-min=23.0km az=114.0, ISC 21 07:15:58.7t.1.6, 472N:0.2x:1529E:02, h99km, 13km, n20, +1502.0, mb3.7/9, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, SKR 4.12 30 Op Pn, ASAJ Asahikawa, ASAJ 7.81 251 Pn, ASAJ Asahikawa, ASAJ 7.81 251 Pn, KRSR Korea Array, KRSR 20.76 251 P, MKAR Makanchi Array, MKAR 46.620 29 P, YKA Yellowknife Ar, YKA 50.70 37 P, KEV Kevo, KEV 56.89 340 ep, KEV Kevo, KEV 56.89 340 ep, FINES FINESS Array B, FINES 63.59 335 P, FINES FINESS Array B, FINES 63.59 335 P, NB2 NORSAR Subarra, NB2 67.74 341 P, NOA NORSAR Array B, NOA 67.78 341 P, NOA NORSAR Array B, NOA 67.78 341 P, AKASG Malin Array Be, AKASG 71.11 326 P, AKASG Malin Array Be, AKASG 71.11 326 P, ASAR Alice Springs, ASAR 72.55 198 P, MLR Muntele Ro, MLR 76.62 325 P, MLR Muntele Ro, MLR 76.62 325 P, TXAR Lajitas Array, TXAR 77.44 60 P

NEIC 21 07:22:37.5, 1917N:6654W, h20km, MD3.5(RSPR), After RSPR, RSPR 21 07:22:37.5, 1917N:6654W, h20km, 29km, MD3.5/16, MD3.5/16, 7C-9D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AOPR Arecibo Observ, AOPR 0.85 194j Op P, AGPR Aguadilla, PR, AGPR 0.89 218j Op P, LRS Lares, LRS 0.92 198j Op P, CELP Cerrillos, CELP 1.09 182j Op P, CBYP Canovanas, CBYP 1.11 144j Op P, MPR Mayaguez, MPR 1.11 211j Op P, LSP Las Mesas, LSP 1.23 208j Op P, SJP San Juan, SJP 1.12 161j Op P, SJJG San Juan, SJJG 1.12 161j Op P, OBIP Obispado Ponce, OBIP 1.13 183j Op P, HUMP Col San Antoni, HUMP 1.22 147j Op P, GBRP Guanica Bosqu, GBRP 1.23 195j Op P, CQPD Cerro la Pandu, CQPD 1.28 152j Op P, MTP Monte Pirata, MTP 1.42 139j Op P, STVI Saint Thomas, STVI 1.71 118j Op P, TBVI Tortola, TBVI 1.97 112j Op P, SDDR Presa de Saban, SDDR 2.49 268 Op Pn

WEL 21 07:24:56.8t.0.1, 3654S:17503E, h5km, ML3.6/6, Error ellipse: s-maj=0.9km s-min=0.8km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAAZ Kauri Point, KAAZ 0.39 223 PG Pg, OTAZ Otara, OTAZ 0.42 192 PG Pg, WTAZ Waitarua, WTAZ 0.54 223 PG Pg, MKAZ Moumakai, MKAZ 0.58 169 PG Pg, KUZ Kouatou, KUZ 0.59 111 SG Pg, WCZ Waipu Caves, WCZ 0.81 317 S\* P, MYRZ Mayor Island, MYRZ 1.22 128 eP\* P, TOZ Tahuroa Road, TOZ 1.25 163 ePn P, TGZ Taurangi, TGZ 1.54 141 ePn P, QUIZ Omahuta, QUIZ 1.76 318 Pn P, HZH Hauti, HZH 1.98 184 Pn P, TWVZ Taureva, TWVZ 2.55 173 Pn P, WTVZ West Tongariro, WTVZ 2.61 170 ePn P, QRZ Quartz Range, QRZ 4.71 204 ePn P

IDC 21 07:39:02.6t.6.6, 3643N:1717E, h44km, 54km, mb3.4/4, mb1.3/7, mb1mx3.4/23, mbtmp3.6/7, ML3.5/2, Error ellipse: s-maj=62.4km s-min=35.6km az=149.0, NEIC 21 07:39:03.9t.2.8, 3652N:17108E, h52km, 19km, Error ellipse: s-maj=30.1km s-min=18.3km az=175.0, ISCJB 21 07:39:06.0t.7, 3680N:003x709E:01, h17km, 13km, mb3.5/4, Error ellipse: s-maj=13.7km s-min=4.9km az=6.5, NNC 21 07:39:09.8t.15.0, 3693N:7069E, h77km, 297km, mb3.6, mpv3.8, Error ellipse: s-maj=117.6km s-min=80.9km az=177.0, ISC 21 07:39:08.1t.0.6, 3678N:003x709E:01, h72km, 12km, n33, +894/39, mb3.5/4, 4C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEP Cherat, CEP 3.08 163 Op P, CHCP Chirah Chowk, CHCP 3.69 147 P

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHCP Thameh Wali, CHCP 4.04 169 P, THW Sheikh Budin, THW 4.47 180 P, SBDP Derazinda, SBDP 5.05 186 P, DRP Almayashu, DRP 5.78 22 P, AML Almayashu, AML 5.78 22 ePn P, UCH Uchtor, UCH 6.13 26 P, UCH Uchtor, UCH 6.13 26 ePn P, KZA Kyzart, KZA 6.29 31 P, EKSE Erkin-Say, EKSE 6.29 20 P, EKSE Erkin-Say, EKSE 6.29 20 ePn P, KK31 Karatay Array, KK31 6.32 358 Op P, KK31 11nm,0.2s,baz=181,slo=13,SNR=130, Ullg, KK31 11nm,0.4s,baz=187,slo=24 Ullg, AAK Ala-Archa, AAK 6.48 25 P, AAK Ala-Archa, AAK 6.48 25 ePn P, AAK Chumysh, AAK 6.89 25 P, CHMS Chumysh, CHMS 6.89 25 P, USP Osenovka, USP 7.05 22 P, TKM2 Tokmak 2, TKM2 7.13 29 P, TKM2 Tokmak 2, TKM2 7.13 29 P, MKAR Makanchi Array, MKAR 13.13 37 P, MKAR NORSAR Array B, MKAR 48.08 323 P, AB31 Akbulak array, AB31 14.78 31 P, BRVK Borovoye, BRVK 16.28 359 P, BRVK Borovoye, BRVK 16.28 359 ePn P, AKTK Aktyubinsk, AKTK 16.48 330 P, AKTO Aktyubinsk, AKTO 16.48 330 P, ZALV Zalesovo Beam, ZALV 17.71 278 eP, ZALV Zalesovo Beam, ZALV 17.71 278 P, ARCES ARCESS Array B, ARCES 40.84 338 P, NOA NORSAR Array B, NOA 40.84 338 P, TORI Tori Ar. Bea, TORI 65.61 268 P, TORI Tori Ar. Bea, TORI 65.61 268 P, YKA Yellowknife Ar, YKA 80.97 3 P

IDC 21 07:47:43.2t.0.8, 104S:127.15E, h0km, mb4.4/9, mb1.4/10, mb1mx4.3/19, mbtmp4.3/10, ML4.0/1, MS3.3/5, Ms1.3.3/5, ms1mx3.1/25, Error ellipse: s-maj=50.2km s-min=15.4km az=68.0, BJL 21 07:47:44.2t.1.55S:127.75E, h52km, mb5.2, mb4.7, NEIC 21 07:47:44.8t.0.4, 105S:127.21E, h10km, mb4.6/7, Error ellipse: s-maj=15.8km s-min=6.6km az=62.0, ISCJB 21 07:47:45.9t.0.4, 106S:005:12735E:007, h33km, mb4.6/31, MS3.4/3, Error ellipse: s-maj=11.5km s-min=5.7km az=154.5, MOS 21 07:47:45.4t.1.2, 103S:127.42E, h33km, mb4.8/7, Error ellipse: s-maj=27.5km s-min=10.1km az=116.1, ISC 21 07:47:48.3t.0.4, 108S:005:12729E:007, h35km, n56, +1922/55, mb4.6/31, MS3.4/3, 4C-12D, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, KAKA 12.64 156 ePn P, KAKA Kakadu, KAKA 12.64 156 ePn P, FITZ Fitzroy Crossi, FITZ 17.00 185 eP, FITZ Fitzroy Crossi, FITZ 17.00 185 P, KUSH Kushing, KUSH comp=Z,60nm,21.2s,baz=8.3,slo=38, BJL Banjaregara, BJL 18.59 250 P, TPI Tanjungpandan, TPI 19.98 265 P, WRA Warramunga Arr, WRA 19.98 160 P, COEN Coen, COEN 20.27 130 eP, ALIC Alice Springs, ALIC 23.36 15 P, ASAR Almayashu, ASAR 3.8nm,0.7s,mb4.0,baz=346,slo=12,SNR=56, P, ASAR Almayashu, ASAR 3.8nm,0.5s,baz=356,slo=17,SNR=53, KSI Kapaliang, KSI 24.80 264 P, PPI Padang Panjang, PPI 26.89 271 P, PSI Prapat, PSI 28.61 278 P, STKA Stephens Creek, STKA 33.48 158 P, STKA Stephens Creek, STKA 33.48 158 P, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU 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347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu, CD2 38.89 327 P, XAN Xi'an, XAN 38.96 335 P, BJT Baijiautau, BJT 42.14 347 eP, BJT Baijiautau, BJT 42.14 347 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, LANZHOU Lanzhou, LANZHOU 42.94 332 eP, WHN Wuhan, WHN 33.77 340 P, NJ2 Nanjing, NJ2 33.90 347 eP, KRSR Korea Array, KRSR 38.34 1 P, MJAR Malin Array Be, MJAR 38.78 14 P, CD2 Chengdu,

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

ISC 21 08:00:13.2, 1.3, 3643S, 17525E, h0km, mb3.8/2,

mb1.4/1.3, mb1mx3.9/1.0, mbtmp3.9/3.9, ML3.1/2, MS3.4/6,

Ms1-3.4/6, ms1mx3.0/2.2, Error ellipse: s-maj=4.0, 4km

s-min=23.5km az=110.0, Error ellipse: s-maj=7.1km s-min=6.6km az=90.0

WEL 21 08:00:14.5, 0.1, 3653S, 17504E, h5km, ML4.5/2, Error

ellipse: s-maj=0.7km s-min=0.6km az=90.0

WEL Felt from Northland to Bay of Plenty, maximum reported

intensity M 6.5

ISCJB 21 08:00:15.1, 0.7, 3657S, 004x17503E, 0.04, h15km, 7km,

mb4.3/3, MS3.5/4, Error ellipse: s-maj=7.1km s-min=5.1km

az=36.7

NEIC 21 08:00:15.6, 3656S, 17502E, h15km, ML4.5(WEL), After

WEL

NEIC Felt [III] at Auckland, North Shore and Waitakere. Felt at

Manukau and Orewa.

ISC 21 08:00:14.8, 0.6, 3654S, 003x17505E, 0.04, h10km, 4km,

n72, c089711, mb4.3/3, MS3.5/4, 3C-6D, Off east coast of

North Island

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

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

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

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

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

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

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

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

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

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

HLW 21 08:04:06.2, 3324N, 3067E, h33km, Mb3.2, Eastern

Mediterranean Sea

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

ISC 21 08:18:11.5, 2.2, 089S, 12787E, h0km, mb3.3/2, mb1.3/4/3,

mb1mx3.2/1.6, mbtmp3.2/3.2, ML3.1/3, Error ellipse:

s-maj=190.3km s-min=25.4km az=67.0, Halmaheira

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

ISC 21 08:18:20.5, 2.2, 204S, 17512W, h0km, mb4.0/6,

mb1.4/2.6, mb1mx3.9/1.7, mbtmp4.0/6, Error ellipse:

s-maj=92.9km s-min=28.9km az=147.0,

ISCJB 21 08:18:33.1, 2.8, 204S, 06x1753W, 0.5, h100km, mb3.9/6,

Error ellipse: s-maj=99.2km s-min=26.8km az=144.5

NEIC 21 08:18:38.9, 2.4, 203AS, 17547W, h140km, Error ellipse:

s-maj=101.0km s-min=27.3km az=148.0

ISC 21 08:18:33.1, 2.8, 205S, 06x1752W, 0.5, h100km, n12,

ISC 21 08:18:33.1, 2.8, 205S, 06x1752W, 0.5, h100km, n12,

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

ISCJB 21 08:40:35.1, 2.8, 590S, 01x263W, 0.2, h121km, 27km,

mb4.5/1.1, Error ellipse: s-maj=20.2km s-min=15.6km

az=17.2

NEIC 21 08:40:35.1, 0.3, 589S, 2635W, mb4.2/1, Error ellipse:

s-maj=12.0km s-min=10.0km az=36.0

ISC 21 08:40:35.0, 0.6, 589S, 2638W, h114km, 4km, mb4.2/1.1,

mb1.4/3/2, mb1mx4.2/1.7, mbtmp4.2/1.2, MS3.9/2,

Ms1-3.9/2, ms1mx3.3/1.9, Error ellipse: s-maj=16.2km

s-min=13.6km az=11.0

ISC 21 08:40:36.4, 2.8, 590S, 01x263W, 0.2, h121km, 27km,

h114km, 3.0km, p-P, n36, c081818, mb4.5/1.1, South

Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1, VNA1, VNA1, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

NEIC 21 08:47:53.9, 1704N, 10021W, h6km, MD3.8(MEX), After

MEX

MEX 21 08:47:53.0, 0.6, 1705N, 10022W, h7km, 21km, MD3.9,

Guerrero

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

MEX 21 09:01:22.7, 0.6, 1707N, 10032W, h4km, MD3.6, Guerrero

Dugway

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

ISC 21 09:01:53.6, 4.7, 2529N, 10986W, h0km, mb3.9/2,

mb1.4/1.5, mb1mx3.9/1.8, mbtmp3.9/3.9, ML3.8/3, MS4.0/8,

Ms1-4.0/8, ms1mx3.6/2.8, Error ellipse: s-maj=69.0km

s-min=26.5km az=110.0

ISCJB 21 09:01:55.3, 0.6, 2555N, 005x10974W, 0.06, h10km,

mb4.1/4, MS4.0/8, Error ellipse: s-maj=7.9km s-min=6.4km

az=140.2

NEIC 21 09:01:56.1, 0.6, 2543N, 10986W, h10km, mb4.4/5, Error

ellipse: s-maj=7.9km s-min=7.0km az=19.0

MEX 21 09:01:59.1, 0.6, 2549N, 10986W, h7km, 13km, MD4.9

ISC 21 09:01:56.3, 0.5, 2545N, 004x10971W, 0.06, h10km, n37,

c09736, mb4.1/4, MS4.0/8, Gulf of California

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

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

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

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

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

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

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

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

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

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





CSEM 21 09:47:33.4.0.1, 3942N:2058E, h2km, MD3.4, Error ellipse: s-maj=2.9km s-min=2.5km az=52.0 THE 21 09:47:34.6, 3942N:2052E, h1.3km, ML3.6 ISC 21 09:47:34.3.0.5, 3939N:002.2606E, 0.04, h10km, n46, o133/65, Greece-Albania border region

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

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

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

IDC 21 09:59:14.4.1.5, 0655S:12807E, h0km, mb3.2/4, mb1 3.4/4, mb1mx3.3/16, mbtmp3.3/4, Error ellipse: s-maj=136.4km s-min=22.9km az=71.0, Halmahera

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

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

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

IDC 21 10:19:55.8.0.6, 2194N:14295E, h0km, mb4.3/16, mb1 4.5/17, mb1mx4.4/23, mbtmp4.3/17, ML4.2.1, MS3.6/19, Ms1 3.6/19, ms1mx3.5/45, Error ellipse: s-maj=24.8km s-min=13.7km az=80.0

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

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

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

IDC 21 10:21:12.3.24.0, 2388S:17935E, h650km, 306km, mb2.9/4, mb1 3.2/4, mb1mx2.9/13, mbtmp2.9/4, Error ellipse: s-maj=77.1km s-min=73.2km az=148.0, South Fiji Islands

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

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

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













Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AAK, AKA, AKB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSH, KSK, KSL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SGFM, EMUR, EMU, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ES/LA Sonseca Array, MME/IRW Melike Cairn, EBAN Banos Encina, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WMQ Urumqi, EGRO El Granado, EGRO El Granado, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TLY Talaya, TLY Agartala, TLY Irkutsk, etc.

TIXI	Tiksi	53.99	23	eP	P	11 14 53.2 +0.2
HHC	Hu-ho-hao-te	54.23	63	eP	P	11 14 56.3 +1.1
HHC				PCP	PcP	11 16 02.3 +2.7
HHC				PP	PP	11 16 59.4 +2.7
HHC				PCS	PcS	11 19 59.9 +0.7
HHC				S	S	11 22 31.6 -1.4
HHC				PS	S	11 22 40.8
HHC				SCS	ScS	11 24 42.9 -2.4
HHC				SS	SS	11 26 13.0 -1.4
HHC				AMB	AMB	
HHC	comp=Z,59nm,1.3s,mb5.4			AMB	AMB	
HHC	comp=Z,601nm,6.0s			LR	LR	
HHC	comp=N,3um,18.1s,MSS.7			LR	LR	
HHC	comp=E,4um,16.8s,MSS.7			LR	LR	
HHC	comp=Z,6um,17.0s,MSS.8			LR	LR	
LSZ	Lusaka	54.35	193	eP	P	11 14 56.7 +0.5
LSZ	comp=Z,107nm,1.4s,mb5.6			LR	LR	
LSZ	comp=Z,3um,21.0s,MSS.4			LR	LR	
KMI	Kunming	54.55	84	flP	P	11 14 57.3 -0.5
KMI				AP	pP	11 15 05.8 +6.5
KMI				PP	PP	11 17 01.9 +1.9
KMI				PPP	PP	11 18 13.8
KMI				S	S	11 22 35.3 -2.5
KMI				XS	sS	11 22 49.1 +8.8
KMI				SCS	ScS	11 24 43.8 -4.3
KMI				AMB	AMB	
KMI	comp=Z,38nm,2.0s,mb5.1			AMB	AMB	
KMI	comp=Z,504nm,7.3s			LR	LR	
KMI	comp=N,2um,20.6s,MSS.3			LR	LR	
KMI	comp=E,2um,19.9s,MSS.3			LR	LR	
KMI	comp=Z,2um,29.8s			LR	LR	
KMI	comp=Z,38nm,2.0s,mb5.1			Pu	P	11 14 57.2 -0.6
KMI				pP	pP	11 15 05.8 +6.5
KMI				PP	PP	11 17 01.9 +1.9
KMI				PPP	PP	11 18 13.8
KMI				S	S	11 22 35.2 -2.6
KMI				sS	sS	11 22 49.1 +8.8
KMI				PS	S	11 24 43.8 -4.3
KMI				ScS	ScS	11 26 15.7 -4.4
KMI				SS	SS	11 28 25.9
KMI	comp=Z,2um,29.8s,MSS.0			LR	LR	
KMI	Kunming	54.55	84	*PP	pP	11 14 57.2 -0.6
KMI				PP	pP	11 15 05.8 +6.5
KMI				PPP	PP	11 17 01.9 +1.9
KMI				SS	S	11 22 35.2 -2.6
KMI				*SS	sS	11 22 49.1 +8.8
KMI				PS	S	11 24 43.8 -4.3
KMI				SS	SS	11 26 15.7 -4.4
KMI				pmax	pmax	
CHG	Chiang Mai	54.91	93	flP	P	11 15 00.7 +0.2
CHG	comp=Z,38nm,2.0s,mb5.1			flP	P	11 15 00.7 +0.2
CHG	Chiang Mai	54.91	93	eP	P	11 15 00.3 -0.2
CHG	comp=Z,98nm,1.6s,mb5.6			LR	LR	
CHTO	Chiang Mai	54.91	93	eP	P	11 15 00.3 -0.2
CHTO	comp=Z,1um,19.0s,MSS.0			LR	LR	
CHTO	Chiang Mai	54.91	93	eP	P	11 15 00.3 -0.2
CHTO	comp=Z,98nm,1.6s,mb5.6			MLR	MLR	
CHTO	Chiang Mai	54.91	93	eP	P	11 15 00.3 -0.2
CHTO	comp=Z,1um,19.0s,MSS.0			MLR	MLR	
CM31	Chiang Mai Arr	55.11	93	PFAKE	LR	11 15 10.0 +8.1
CM31	Chiang Mai	55.11	93	P	P	11 15 01.3 -0.5
XAN	Xi'an	55.11	72	P	S	11 22 39.3 -5.8
XAN				AMB	AMB	
XAN	comp=Z,29nm,1.1s,mb5.2			AMB	AMB	
XAN	comp=Z,512nm,9.7s			LR	LR	
XAN	comp=N,2um,13.6s,MSS.5			LR	LR	
XAN	comp=E,3um,17.3s,MSS.5			LR	LR	
XAN	comp=Z,2um,16.5s,MSS.5			LR	LR	
SFJD	Kangerlussuaq	55.37	331	iP	P	11 15 02.6 -0.5
SFJD	comp=Z,39nm,1.1s,mb5.3			iP	S	11 22 46.3 -1.3
SFJD	comp=Z,39nm,1.1s,mb5.3			pmax	pmax	
SFJD	comp=Z,1um,19.0s,MSS.0			MLR	MLR	
SFJD	Kangerlussuaq	55.37	331	P	P	11 15 02.5 -0.6
SFJD	comp=Z,18nm,0.8s,mb5.1,baz=52,slow=9.7,SNR=6.9			LR	LR	11 39 33.6
SFJD	comp=Z,1um,18.6s,MSS.0,baz=50,slow=37			P	P	11 15 02.6 -0.5
SFJD	Kangerlussuaq	55.37	331	iP	S	11 22 46.3 -1.3
SFJD	comp=Z,39nm,1.1s,mb5.3			iS	S	11 22 46.3 -1.3
TIV	Taiyuan	56.11	66	flP	P	11 15 09.6 +0.7
TIV				XP	sP	11 15 23.8 +1.3
TIV				SCS	ScS	11 24 57.3 -1.6
TIV				LR	LR	
TIV	comp=N,1um,10.8s,MSS.4			LR	LR	
TIV	comp=E,1um,12.1s,MSS.4			LR	LR	
HIA	Hailar	56.45	51	eP	P	11 15 11.6 +0.4
HIA	comp=E,100nm,1.3s,mb5.7			LR	LR	
HIA	comp=Z,3um,21.0s,MSS.3			LR	LR	
HIA	Hailar	56.45	51	eP	P	11 15 11.6 +0.5
HIA	comp=Z,100nm,1.3s			pmax	pmax	
HIA	comp=Z,3um,21.0s			MLR	MLR	
HIA	Hailar	56.45	51	eP	P	11 15 11.6 +0.5
HIA	comp=Z,100nm,1.3s,mb5.7			LR	LR	
NRGR	Nerungr	56.64	41	eP	P	11 15 13.2 +0.9
NRGR				S	S	11 23 08.0 +3.3
NRGR	comp=N,21nm,0.4s			smax	smax	
CLNS	Chul'man	56.66	41	eP	pP	11 15 13.6 +1.1
CLNS				ePP	pP	11 15 19.4 +5.4
CLNS				e	S	11 17 17.9 +1.7
CLNS				eS	S	11 23 09.6 +4.5
CLNS				eSSS	S	11 29 04.8
CLNS				pmax	pmax	
CLNS	comp=E,13nm,0.7s			pmax	pmax	
CLNS	comp=Z,35nm,0.7s,mb5.5			pmax	pmax	
CLNS	comp=N,15nm,0.9s			pmax	pmax	
CLNS	comp=E,12nm,1.2s			pmax	pmax	
CLNS	comp=Z,16nm,1.2s,mb4.9			pmax	pmax	
CLNS	comp=N,13nm,1.0s			pmax	pmax	
CLNS	comp=E,889nm,12.5s			smax	smax	
CLNS	comp=Z,294nm,11.0s			smax	smax	
CLNS	comp=N,304nm,11.4s			smax	smax	
CLNS	comp=Z,8um,15.0s,MSS.9			MLR	MLR	
CLNS	comp=N,2um,14.0s,MSS.7			MLR	MLR	
CLNS	comp=E,3um,14.0s,MSS.7			flP	P	11 15 17.0 +2.0
GYA	Guiyang	56.94	81	flP	P	11 15 17.0 +2.0
GYA				PCP	PcP	11 16 12.6 +2.3
GYA				PP	PP	11 17 25.5 +4.2
GYA				S	S	11 23 09.9 +0.3
GYA				SCS	ScS	11 25 03.8 -1.4
GYA	comp=Z,70nm,1.0s,mb5.7			AMB	AMB	

GYA	comp=Z,910nm,7.0s			AMB	AMB	
GYA	comp=N,3um,18.8s,MSS.7			LR	LR	
GYA	comp=E,4um,19.0s,MSS.7			LR	LR	
GYA	comp=Z,8um,19.9s,MSS.8			LR	LR	
YAK	Yakutsk	57.14	34	eP	P	11 15 16.1 +0.3
YAK	comp=Z,77nm,1.1s,mb5.7			LR	LR	
YAK	Yakutsk	57.14	34	ePP	pP	11 15 15.1 -0.7
YAK				ePP	pP	11 15 20.8 +0.2
YAK				e	S	11 16 06.6
YAK				eS	S	11 23 10.1 -1.2
YAK				eSS	sS	11 23 18.1 +4.3
YAK				e	S	11 25 04.4
YAK				eSS	SS	11 26 56.5 -2.9
YAK	comp=E,60nm,2.0s			pmax	pmax	
YAK	comp=Z,121nm,2.0s,mb5.6			pmax	pmax	
YAK	comp=N,21nm,1.6s			pmax	pmax	
YAK	comp=N,1um,4.9s			smax	smax	
YAK	comp=Z,783nm,10.1s			smax	smax	
YAK	comp=E,742nm,7.4s			smax	smax	
YAK	Yakutsk	57.14	34	eP	P	11 15 16.1 +0.3
ENH	Enshi	57.26	75	PFAKE	LR	11 15 30.0 +1.3
ENH	comp=Z,3.0nm,22.0s			LR	LR	
NST	Nakhon Sawan	57.63	95	P	P	11 15 20.0 +0.1
BJI	Beijing	57.77	62	P	P	11 15 20.8 +0.2
BJI				PCP	PcP	11 16 13.8 +0.4
BJI				PP	PP	11 17 28.4 0.0
BJI				S	S	11 23 16.8 -3.4
BJI				SS	SS	11 27 12.0 +1.8
BJI				AMB	AMB	
BJI	comp=Z,37nm,2.1s,mb5.0			AMB	AMB	
BJI	comp=Z,795nm,4.3s			LR	LR	
BJI	comp=N,4um,16.0s,MSS.8			LR	LR	
BJI	comp=E,4um,18.2s,MSS.8			LR	LR	
BJI	comp=Z,4um,19.6s,MSS.5			LR	LR	
BJT	Baijiatuu	57.78	62	eP	P	11 15 21.0 +0.3
BJT	comp=Z,60nm,1.3s,mb5.5			LR	LR	
BJT	comp=Z,6um,20.0s,MSS.7			LR	LR	
BJT	Baijiatuu	57.78	62	eP	P	11 15 21.0 +0.3
BJT	comp=Z,60nm,1.3s			pmax	pmax	
BJT	comp=Z,6um,20.0s			MLR	MLR	
BJT	Baijiatuu	57.78	62	eP	P	11 15 21.0 +0.3
BJT	comp=Z,60nm,1.3s,mb5.5			P	P	11 15 32.3 +0.3
KKTK	Khon Kaen	59.35	93	P	P	11 15 32.3 +0.3
TIA	Tai'an	60.14	66	eP	P	11 15 36.8 -0.3
TIA	comp=Z,309nm,0.9s,mb5.3			AMB	AMB	
TSUM	Tsumeb	60.77	204	eP	P	11 15 41.8 +0.3
TSUM	comp=Z,70nm,1.8s,mb5.4			P	P	11 15 41.8 +0.3
TSUM	comp=Z,93nm,1.6s,mb5.7			LR	LR	
TSUM	comp=Z,4um,19.0s,MSS.6			LR	LR	
TSUM	Tsumeb	60.77	204	eP	P	11 15 41.8 +0.3
TSUM	comp=Z,93nm,1.6s,mb5.7			P	P	11 15 42.0 +0.2
WHN	Wuhan	60.80	73	flP	S	11 23 56.9 -2.8
WHN				LR	LR	
WHN	comp=Z,4um,13.9s,MSS.8			LR	LR	
SNY	Shenyang	62.01	57	flP	P	11 15 49.0 -0.7
SNY				PP	PP	11 18 09.3 +3.5
SNY				S	S	11 24 12.3 -2.3
SNY	comp=Z,20nm,1.5s,mb5.0			AMB	AMB	
SNY	comp=Z,420nm,6.1s			LR	LR	
SNY	comp=N,6um,16.5s,MS6.2			LR	LR	
SNY	comp=E,11um,16.1s,MS6.2			LR	LR	
SNY	comp=Z,13um,16.3s,MS6.2			LR	LR	
DL2	Dalian	62.05	61	flP	P	11 15 48.9 -1.2
DL2				S	S	11 24 15.5 +0.2
DL2	comp=Z,40nm,0.8s,mb5.6			AMB	AMB	
DL2	comp=Z,220nm,5.0s			AMB	AMB	
DL2	comp=N,1um,15.2s,MSS.4			LR	LR	
DL2	comp=E,1um,13.5s,MSS.4			LR	LR	
DL2	comp=Z,1um,15.7s,MSS.2			LR	LR	
CN2	Changchun	62.31	55	eP	P	11 15 51.6 -0.1
CN2				PCP	PcP	11 16 34.3 +2.8
CN2				eS	S	11 24 15.9 -2.5
CN2				SCS	ScS	11 25 41.6 -2.9
CN2				AMB	AMB	
CN2	comp=Z,40nm,1.2s,mb5.4			AMB	AMB	
CN2	comp=Z,700nm,4.0s			AMB	AMB	
CN2	comp=N,7um,22.0s,MSS.8			LR	LR	
CN2	comp=E,5um,22.0s,MSS.8			LR	LR	
CN2	comp=Z,6um,18.0s,MSS.8			LR	LR	
RES	Resolute Bay	63.27	348	eP	P	11 15 58.4 +0.7
RES	comp=Z,4um,2.3s			P	P	11 15 58.3 +0.6
RES	Resolute Bay	63.27	348	eP	P	11 15 58.3 +0.6
RES	comp=Z,4um,2.3s			P	P	11 15 58.4 +0.4
QIZ	Qiongzong	63.36	86	P	PP	11 18 18.8 +0.6
QIZ				PP	PP	11 19 58.3
QIZ				S	S	11 24 32.6 +0.4
QIZ				SS	SS	11 28 41.3 +2.7
QIZ	comp=Z,539nm,4.0s			AMB	AMB	
QIZ	comp=N,1um,16.8s,MSS.3			LR	LR	
QIZ	comp=E,2um,18.0s,MSS.3			LR	LR	
QIZ	comp=Z,1um,19.8s,MSS.1			LR	LR	
QIZ	Qiongzong	63.36	86	PFAKE	LR	11 16 10.0 +1.1
NJ2						





Table with columns: BRAL, comp-Z, 2.0m, 22.0s, MSS.5, AHID, Auburn Hatcher, 94.92 339, PFAKE, LR, LR, 11 19 00.0 +8.2, HLID, Hailey, 95.08 341, eP, LR, LR, 11 18 53.2 +0.7, HLID, Hailey, 95.08 341, eP, P, P, 11 18 52.2 -0.4, HLID, Hailey, 95.08 341, eP, P, P, 11 18 53.2 +0.7, I10A, Payette, 95.16 343, eP, P, P, 11 18 52.6 -0.4, H08A, Prairie City, 95.16 344, eP, P, P, 11 18 52.2 -0.7, H07A, Lands Inn, Kim, 95.28 345, eP, P, P, 11 18 53.2 -0.2, H06A, Lindquist Farm, 95.29 346, eP, P, P, 11 18 52.6 -0.9, MIAR, Mount Ida, 95.35 323, eP, P, P, 11 18 53.0 -1.0, MIAR, Mount Ida, 95.35 323, eP, LR, LR, 11 18 53.2 -0.8, MIAR, Mount Ida, 95.35 323, eP, pmax, pmax, 11 18 53.0 -1.0, J12A, Stokes Ranch, 95.54 342, eP, P, P, 11 18 54.5 -0.1, H05A, Madras, 95.55 346, eP, P, P, 11 18 55.1 +0.4, MFID, Canas Ranch, 95.56 342, eP, P, P, 11 18 54.3 -0.5, MBWA, Marble Bar, 95.69 112, PFAKE, LR, LR, 11 19 10.0 +1.4, K14A, Jones Ranch, D, 95.70 340, eP, P, P, 11 18 55.7 +0.2, I08A, Drewsey, 95.72 344, eP, P, P, 11 18 55.4 -0.1, I07A, Ise, 95.75 345, eP, P, P, 11 18 55.5 -0.1, ISCO, Idaho Springs, 95.86 334, eP, P, P, 11 18 56.7 +0.5, ISCO, Idaho Springs, 95.86 334, eP, LR, LR, 11 18 57.0 +0.8, ISCO, Idaho Springs, 95.86 334, eP, LR, LR, 11 18 56.7 +0.5, COR, Corvallis, 95.98 348, PFAKE, LR, LR, 11 19 10.0 +1.3, I06A, Prineville, 96.03 345, eP, P, P, 11 18 57.0 +0.1, K12A, Draper Farm, C, 96.07 341, eP, P, P, 11 18 56.7 -0.4, J09A, Fry Pan Ranch, 96.08 343, eP, P, P, 11 18 56.8 -0.3, HWUT, Hardware Ranch, 96.12 338, eP, LR, LR, 11 18 58.1 +0.8, HWUT, Hardware Ranch, 96.12 338, eP, P, P, 11 18 58.1 +0.7, K11A, Parker Ranch, 96.22 342, eP, P, P, 11 18 57.8 0.0, J08A, Circle Bar Ran, 96.23 344, eP, P, P, 11 18 57.5 -0.3, L13A, Double Diamond, 96.33 340, eP, P, P, 11 18 58.0 -0.3, J07A, Hines, 96.39 345, eP, P, P, 11 18 58.9 +0.3, M15A, Larsen Ranch, 96.51 339, eP, P, P, 11 18 59.2 +0.1, L12A, House Creek Ra, 96.56 341, eP, P, P, 11 18 59.2 -0.2, J06A, Christmas Vall, 96.68 345, eP, P, P, 11 19 00.2 +0.3, K09A, Rome, 96.69 343, eP, P, P, 11 19 00.5 +0.6, M14A, Sheep Mountain, 96.72 340, eP, P, P, 11 19 00.0 -0.1, L11A, Cat Creek Ranc, 96.72 342, eP, P, P, 11 19 00.4 +0.3, K08A, Mann Creek Ran, 96.83 344, eP, P, P, 11 19 00.1 -0.4, J10A, Fort Rock, 96.86 346, eP, P, P, 11 19 00.9 +0.2, L05A, Juniper Basin, 96.98 342, eP, P, P, 11 19 00.9 -0.3, JLU, Jordanelle, 97.02 338, eP, P, P, 11 19 04.5 +3.0, K07A, Rock Creek Ran, 97.03 344, eP, P, P, 11 19 01.6 +0.2, K06A, Valley Falls, 97.14 345, eP, P, P, 11 19 02.1 +0.2, WVOR, Wild Horse Val, 97.14 344, PFAKE, LR, LR, 11 19 10.1 +8.0, M12A, Wells, 97.22 341, eP, P, P, 11 19 02.9 +0.6, K05A, Summer Lake, 97.34 345, eP, P, P, 11 19 03.1 +0.3, M11A, Holland Ranch, 97.43 341, eP, P, P, 11 19 03.8 +0.6, N13A, Wendover, West, 97.55 340, eP, P, P, 11 19 04.3 +0.4, WMOK, Wichita Mounta, 97.57 326, eP, P, P, 11 19 04.3 +0.3, WMOK, Wichita Mounta, 97.57 326, eP, LR, LR, 11 19 04.3 +0.3, WMOK, Wichita Mounta, 97.57 326, eP, P, P, 11 19 04.3 +0.2, MPU, Maple Canyon, 97.61 338, PFAKE, LR, LR, 11 19 10.0 +5.9, SDCO, Great Sand Dun, 97.65 333, eP, P, P, 11 19 03.8 -0.5, SDCO, Great Sand Dun, 97.65 333, eP, P, P, 11 19 03.8 -0.5, L07A, Adel, 97.69 344, eP, P, P, 11 19 04.9 +0.4, N12A, Clover Valley, 97.78 341, eP, P, P, 11 19 04.8 -0.1, DUG, Dugway, 97.78 339, eP, LR, LR, 11 19 06.0 +1.1, DUG, Dugway, 97.78 339, eP, P, P, 11 19 04.8 -0.1, DUG, Dugway, 97.78 339, eP, P, P, 11 19 06.0 +1.1, HUMO, Hull Mountain, 97.84 347, PFAKE, LR, LR, 11 19 10.0 +4.9, ELK, Elko, 97.93 341, PFAKE, LR, LR, 11 19 20.0 +1.4, MOD, Modoc, 98.01 345, PFAKE, LR, LR, 11 19 20.0 +1.4, L04A, Klamath Falls, 98.06 346, eP, P, P, 11 19 06.8 +0.7, NATX, Nacogdoches, 98.15 322, PFAKE, LR, LR, 11 19 20.0 +1.3, FITZ, Fitzroy Crossi, 98.20 106, eP, P, P, 11 19 05.0 -2.0, FITZ, Fitzroy Crossi, 98.20 106, eP, LR, LR, 12 04 30.3, FITZ, Fitzroy Crossi, 98.20 106, eP, P, P, 11 19 05.4 -1.6, M07A, Soldier Meadow, 98.26 344, eP, P, P, 11 19 05.7 -1.3, N09A, Rock Creek Ran, 98.34 342, eP, P, P, 11 19 07.8 +0.1, M04C, Macdoel, 98.43 346, eP, P, P, 11 19 07.5 -0.2, N08A, GE Springer Mi, 98.61 343, eP, P, P, 11 19 08.6 0.0, O11A, Cowboy Ranch, 98.61 341, eP, P, P, 11 19 08.8 +0.1, YBH, Yreka Blue Hor, 98.64 347, PFAKE, LR, LR, 11 19 20.0 +1.1, AMTX, Amarillo, 98.67 328, PFAKE, LR, LR, 11 19 20.0 +1.1, M05C, Lookout, 98.70 345, eP, P, P, 11 19 08.6 -0.4, BMN, Battle Mountai, 98.72 342, PFAKE, LR, LR, 11 19 20.0 +1.1

Table with columns: BMN, comp-Z, 2.0m, 22.0s, MSS.5, N07B, Gerlach, 98.80 343, eP, P, P, 11 19 09.2 -0.3, O09A, Fish Creek Ran, 98.96 342, eP, P, P, 11 19 10.5 +0.4, MSU, Marysvale, 99.16 338, eP, P, P, 11 19 12.8 +1.7, MSU, Marysvale, 99.16 338, eP, P, P, 11 19 12.8 +1.7, MVCO, Mesa Verde, 99.18 334, PFAKE, LR, LR, 11 19 20.0 +8.8, Q12A, Willow Creek R, 99.42 340, eP, P, P, 11 19 11.7 -0.5, WDC, Whiskeytown Da, 99.73 346, PFAKE, LR, LR, 11 19 20.0 +6.4, BEKR, Beckwourth, 99.97 344, eP, P, P, 11 19 14.1 -0.6, HKT, Hockley, 100.20 322, PFAKE, LR, LR, 11 19 30.0 +1.4, ANMO, Albuquerque, 100.48 332, PFAKE, LR, LR, 11 19 30.0 +1.3, ANMO, Albuquerque, 100.48 332, PFAKE, LR, LR, 11 19 30.0 +1.3, ORV, Oroville, 100.51 345, eP, P, P, 11 19 17.2 +0.1, NVAR, Mina Array Bea, 100.88 342, eP, P, P, 11 23 23.2 -2.2, TPH, Tonopah, 100.95 341, PFAKE, LR, LR, 11 19 30.0 +1.1, NWAO, Narrogin (SRO), 101.28 123, PFAKE, LR, LR, 11 19 30.0 +1.0, HOPS, Hopland, 101.36 346, PFAKE, LR, LR, 11 19 30.0 +9.1, JCT, Junction City, 101.63 325, PFAKE, LR, LR, 11 19 30.0 +7.9, WUJZ, Wupatki, 101.67 336, PFAKE, LR, LR, 11 19 30.0 +7.8, CMB, Columbia Cole, 101.74 344, PFAKE, LR, LR, 11 19 30.0 +7.4, MCCM, Marconi Center, 102.15 346, PFAKE, LR, LR, 11 19 30.0 +5.6, DAC, Darwin (Calif), 102.75 341, PFAKE, LR, LR, 11 19 40.0 +1.3, MNTX, Cornudas Mount, 102.95 330, PFAKE, LR, LR, 11 19 40.0 +1.2, SAO, San Andreas Ge, 103.19 344, PFAKE, LR, LR, 11 19 40.0 +1.1, KVTX, Kingsville, 103.20 322, PFAKE, LR, LR, 11 19 40.0 +1.1, TEIG, Tepich, 103.79 310, PFAKE, LR, LR, 11 19 40.0 +8.3, LTX, Lajitas, 104.32 327, PFAKE, LR, LR, 11 19 40.0 +6.0, TXAR, Lajitas Array, 104.32 327, P, P, P, 11 19 35.1 +1.1, TXAR, Lajitas Array, 104.32 327, P, P, P, 11 23 50.0 -1.6, TXAR, Lajitas Array, 104.32 327, P, P, P, 11 19 35.1 +1.1, TXAR, Lajitas Array, 104.32 327, P, P, P, 11 23 50.0 -1.6, TUC, Tucson, 104.41 334, PFAKE, LR, LR, 11 19 40.0 +5.6, PFO, Pinyon Flat Ob, 104.96 339, PFAKE, LR, LR, 11 19 50.0 +1.3, WRA, Warramunga Arr, 105.90 103, P, P, P, 11 19 40.0 -1.0, WRA, Warramunga Arr, 105.90 103, P, P, P, 11 19 40.0 -1.0, WRA, Warramunga Arr, 105.90 103, P, P, P, 11 24 04.2 -0.5, WRA, Warramunga Arr, 105.90 103, P, P, P, 11 24 04.2 -0.5, ASAR, Alice Springs, 107.70 106, P, P, P, 11 19 49.7 +0.7, ASAR, Alice Springs, 107.70 106, P, P, P, 11 19 49.7 +0.7, ASAR, Alice Springs, 107.70 106, P, P, P, 11 23 56.0 -1.0, ASAR, Alice Springs, 107.70 106, P, P, P, 11 24 10.0 -1.2, JTS, JuntasAbangare, 109.05 301, PFAKE, LR, LR, 11 24 10.0 +1.0, PMG, Port Moresby, 110.74 86, PFAKE, LR, LR, 11 24 10.0 +8.8, OTAV, Otavalo, 111.35 288, PFAKE, LR, LR, 11 24 10.0 +5.7, HOPE, Hope Point, 112.80 218, PFAKE, LR, LR, 11 24 20.0 +1.4, LPAZ, La Paz, 113.51 267, PFAKE, LR, LR, 11 24 20.0 +1.2, CTAO, Charters Tower, 112.25 96, PFAKE, LR, LR, 11 24 20.0 +8.6, CASY, Casey, 117.54 154, PFAKE, LR, LR, 11 24 20.0 +5.6, STKA, Stephens Creek, 117.82 110, eP, P, P, 11 24 15.2 -0.9, STKA, Stephens Creek, 117.82 110, PKP, PKP, P, 11 24 14.5 -1.5, NNA, Nana, 117.83 277, PFAKE, LR, LR, 11 24 30.0 +1.3, HNR, Honiara, 119.71 78, PFAKE, LR, LR, 11 24 30.0 +1.0, LCO, Las Campanas, 122.28 257, PFAKE, LR, LR, 11 24 30.0 +5.3, EFI, East Falkland, 123.12 228, PFAKE, LR, LR, 11 24 40.0 +1.4, TAU, Tasmania Univ, 126.69 19, PFAKE, LR, LR, 11 24 40.0 +7.3, QSPA, South Pole Qui, 128.17 180, PFAKE, LR, LR, 11 24 40.0 +5.5, PMSA, Palmer Station, 129.51 213, PFAKE, LR, LR, 11 24 50.0 +1.3, WMSA, Wanda, 134.02 165, PFAKE, LR, LR, 11 25 00.0 +1.4, SNZO, South Karori, 145.88 109, PFAKE, LR, LR, 11 25 20.0 +1.2, TAOE, Nuku Hiva Isla, 150.64 359, eLR, LR, LR, 12 15 21.2, RAR, Rarotonga, 156.28 49, PFAKE, LR, LR, 11 25 30.0 +5.4, PPT, Papeete, 157.88 23, ePP, P, P, 11 29 37.6 -0.4, PPT, Papeete, 157.88 23, eSS, SS, SS, 11 49 34.3 -2.8, PPT, Papeete, 157.88 23, eLR, LR, LR, 11 28 45.1, RKT, Rikitea, 164.07 341, ePP, P, P, 11 30 12.0 +0.9, RKT, Rikitea, 164.07 341, eSS, SS, SS, 11 50 38.2 -2.7, RKT, Rikitea, 164.07 341, eLR, LR, LR, 12 21 26.0

Table with columns: comp-Z, 1.0m, 25.5s, IDC 21 11:16:25.7±1.4, 093S±12732E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.5/16, mbtmp3.5/4, Error ellipse: s-maj=146.7km s-min=21.2km az=69.0, Halmahera, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, WRA, Warramunga Arr, 20.11 160, P, P, 11 20 59.6 -1.6, ASAR, Alice Springs, 23.49 165, P, P, 11 21 38.5 +1.1, SONM, Songoing Array, 51.88 342, P, P, 11 19 35.1 +0.3, MKAR, Makanchi Array, 61.72 326, P, P, 11 26 45.8 -0.1, ISCJB 21 11:19:03.0±0.8, 3842N±005.3934E±0.06, h3km±12km, Error ellipse: s-maj=8.3km s-min=6.7km az=141.4, CSEM 21 11:19:02.8±0.2, 3845N±3931E±h2km, MD2.9, Error ellipse: s-maj=4.2km s-min=3.1km az=114.0, DDA 21 11:19:03.7, 3839N±3916E±h5km, MD2.7, ISK 21 11:19:03.3, 3844N±3922E±h6km, MD2.9, ISC 21 11:19:03.6±0.8, 3844N±005.3934E±0.06, h6km±10km, n13, e±1501/18, Turkey, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ELZG, Elazig, 0.28 283, Op, P, P, 11 19 06.5 -2.6, ELZG, Elazig, 0.28 283, Op, P, P, 11 19 12.4 -0.4, PTK, Pertek, 0.46 6, P, S, P, 11 19 12.9 +0.4, PTK, Pertek, 0.46 6, eP, P, P, 11 19 11.9 +0.7, PTK, Pertek, 0.46 6, eP, P, P, 11 19 12.9 +0.4, MYA, Malatya, 0.72 262, P, P, P, 11 19 17.1 -0.4, MYA, Malatya, 0.72 262, P, P, P, 11 19 27.7 +0.8, MYA, Malatya, 0.72 262, eP, P, P, 11 19 17.1 -0.4, MYA, Malatya, 0.72 262, eP, P, P, 11 19 27.7 +0.8, DIV, Diyarbakir, 0.89 127, P, P, P, 11 19 21.1 +0.5, DIV, Diyarbakir, 0.89 127, eP, P, P, 11 19 21.1 +0.5, URFA, Urfa, 1.07 202, eP, P, P, 11 19 24.4 +0.2, URFA, Urfa, 1.07 202, eP, P, P, 11 19 24.4 +0.2, EZC, Erzincan, 1.36 16, eP, P, P, 11 19 29.3 +0.1, BTMT, Batman, 1.71 97, eP, P, P, 11 19 32.2 -1.7, GAZ, Gaziantep, 2.10 234, eP, P, P, 11 19 40.6 +1.3, GAZ, Gaziantep, 2.10 234, eP, P, P, 11 19 40.6 +1.3, ISCJB 21 11:20:25.8±0.8, 3839N±003.3927E±0.06, h1km±10km, Error ellipse: s-maj=7.5km s-min=5.8km az=12.3, CSEM 21 11:20:25.6±0.1, 3840N±3925E±h2km, MD2.9, Error ellipse: s-maj=4.0km s-min=2.3km az=110.0, ISK 21 11:20:25.2, 3839N±3925E±h5km, MD2.9, DDA 21 11:20:27.4, 3848N±3920E±h9km, MD2.5, ISC 21 11:20:26.4±0.7, 3840N±004.3926E±0.06, h2km±8km, n17, e±080/22, Turkey, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ELZG, Elazig, 0.24 295, Op, P, P, 11 20 31.1 +0.1, ELZG, Elazig, 0.24 295, Op, P, P, 11 20 32.8 -1.3, PTK, Pertek, 0.50 12, P, S, P, 11 20 36.3 +0.3, PTK, Pertek, 0.50 12, eP, P, P, 11 20 36.3 +0.3, PTK, Pertek, 0.50 12, eP, P, P, 11 20 36.3 +0.3, MYA, Malatya, 0.66 264, P, P, P, 11 20 38.2 -0.8, MYA, Malatya, 0.66 264, eP, P, P, 11 20 38.2 -0.8, DIV, Diyarbakir, 0.91 129, P, P, P, 11 20 43.0 -0.8, DIV, Diyarbakir, 0.91 129, eP, P, P, 11 20 43.0 -0.8, URFA, Urfa, 1.02 200, P, P, P, 11 20 45.9 +0.1, URFA, Urfa, 1.02 200, P, P, P, 11 20 45.9 +0.1, URFA, Urfa, 1.02 200, eP, P, P, 11 20 45.9 +0.1, URFA, Urfa, 1.02 200, eP, P, P, 11 20 45.9 +0.1, EZC, Erzincan, 1.42 18, P, P, P, 11 20 52.5 -0.1, BTMT, Batman, 1.77 96, P, P, P, 11 20 56.6 -1.3, GAZ, Gaziantep, 2.03 234, eP, P, P, 11 21 01.8 +0.2, GAZ, Gaziantep, 2.03 234, eP, P, 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P, P, 11 26 19.2 -0.6, ASAJ, Asahikawa, 9.44 258, P, P, P, 11 26 19.2 -0.6, KRSR, Kurea Array, 22.36 255, P, P, P, 11 29 01.9 +1.7, SONM, Songoing Array, 32.85 290, P, P, P, 11 29 33.6 -1.6, ZALV, Zalesovo Beam, 43.91 306, P, P, P, 11 32 08.0 +0.2, ZALV, Zalesovo Beam, 43.91 306, P, P, P, 11 32 08.0 +0.2, ZAL, Zalesovo, 43.92 306, P, P, P, 11 32 08.0 +0.2, MKAR, Makanchi Array, 48.37 298, P, P, P, 11 32 48.3 +0.3, YKA, Yellowknife A, 49.93 307, P, P, P, 11 32 54.0 -0.6, NVAR, Mina Array Bea, 60.98 64, P, P, P, 11 34 14.9 +0.5, PDAR, Pinedale Array, 63.41 65, P, P, P, 11 34 30.8 +0.2, FINES, FINES Array B, 64.70 336, P, P, P, 11 34 38.8 +0.4, FINES, FINES Array B, 64.70 336, P, P, P, 11 34 38.8 +0.4, FINES, FINES Array B, 64.70 336, P, P, P, 11 34 38.8 +0.4, WRA, Warramunga Arr, 69.09 201, P, P, P, 11 35 06.3 -0.8, ASAR, Alice Springs, 72.78 201, P, P, P, 11 35 29.7 +0.4, TXAR, Lajitas Array, 76.06 62, P, P, P, 11 35 48.7 +0.1, TXAR, Lajitas Array, 76.06 62, P, P, P, 11 35 48.7 +0.1, IDC 21 11:30:17.3±13.0, 599S±12898E, h250km±148km, mb3.3/1, mb1 3.5/4, mb1mx3.1/14, mbtmp3.3/4, Error ellipse: s-maj=109.0km s-min=45.5km az=46.0, NEIC 21 11:30:25.2±2.4, 6475S±12844E, h346km±28km, Error ellipse: s-maj=37.4km s-min=23.2km az=61.0, ISCJB 21 11:30:26.1±1.9, 62S±0.1±1293E±0.2, h382km±20km, Error ellipse: s-maj=29.2km s-min=18.0km az=171.4, ISC 21 11:30:27.2±1.7, 63S±0.1±1292E±0.2, h365km±17km, n6, e±076/10, Banda Sea, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, KAKA, Kakadu, 7.12 153, eP, P, P, 11 32 11.4 +0.1, KAKA, Kakadu, 7.12 153, eP, P, P, 11 32 11.4 +0.1, FITZ, Fitzroy Crossi, 12.19 196, P, P, P, 11 33 05.9 -4.4, FITZ, Fitzroy Crossi, 12.19 196, P, P, P, 11 33 05.9 -4.4, WRA, Warramunga Arr, 14.44 160, P, P, P, 11 33 35.7 +0.7, WRA, Warramunga Arr, 14.44 160, P, P, P, 11 33 35.7 +0.7, WB2, Warramunga Arr, 14.44 160, eP, P, P, 11 33 35.5 +0.4, ASAR, Alice Springs, 17.83 166, P, P, P, 11 34 12.2 +0.6



21d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELZG Elazig, PERTK Pertek, MYA Malatya, etc.

CASC 21 11:55:51.2,4,917N-8388W, h6km, 6km, MD3.7, 5C-6D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QCR Quepos, BUS Buena Vista, BAR1 Barahona, etc.

CSEM 21 11:56:28.9,0.1,3837N-3922E, h5km, MD2.5, Error ellipse: s-maj=2.9km s-min=2.4km az=144.0

ISKB 21 11:56:28.7,0.2,3836N-3921E, h4km, MD3.0

ISVCB 21 11:56:29.1,0.5,3835N-3927E, h5km, Error ellipse: s-maj=4.5km s-min=3.9km az=172.0

DDA 21 11:56:31.4,3834N-3896E, h6km, 8km, MD2.5

ISC 21 11:56:29.5,0.6,3834N-3927E, h5km, 6km, n22, 0.903/21, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELZG Elazig, PERTK Pertek, MYA Malatya, etc.

IDC 21 12:02:04.4,2.2,1869N-3944E, h0km, mb3.6/5, mb1 3.6/5, mb1mx3.5/18, mbtmp3.6/5, Error ellipse: s-maj=64.1km s-min=26.9km az=156.0

ISCJB 21 12:02:06.6,1.2,1910N-008.396E-01, h10km, mb3.6/5, Error ellipse: s-maj=17.9km s-min=9.2km az=157.6

SGS 21 12:02:09.3,1907N-3945E, h28km

ISC 21 12:02:08.2,1.2,1913N-008.397E-01, h10km, n14, 0.121/17, mb3.6/5, Red Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LTHS Al Lith, SHBS Shabab, FRAS Faraa, etc.

NEIC 21 12:04:36.9,3331S-7294W, h26km, MD3.9(GUC), After GUC

GUC 21 12:04:36.9,0.4,3331S-7294W, h26km, MD3.9, 3C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LNV Longovio, TACH Talagante, CHNG Los Chungos, etc.

2007 FEB

DDA 21 12:04:55.5,3863N-3941E, h28km, 2km, MD2.6

CSEM 21 12:04:57.0,0.2,3841N-3930E, h3km, 1km, MD2.6, Error ellipse: s-maj=5.2km s-min=2.5km az=116.0

ISKB 21 12:04:57.6,3842N-3927E, h5km, MD2.8

ISVCB 21 12:04:58.1,0.6,3838N-3903E, h3km, Error ellipse: s-maj=5.1km s-min=3.7km az=28.4

ISC 21 12:04:58.7,0.6,3839N-004.3936E-004, h5km, 9km, n12, 0.1907/24, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELZG Elazig, PERTK Pertek, MYA Malatya, etc.

CSEM 21 12:08:01.9,0.2,3845N-3928E, h8km, MD2.9, Error ellipse: s-maj=5.5km s-min=2.8km az=121.0

DDA 21 12:08:01.6,3822N-3922E, h6km, 4km, MD2.7

ISKB 21 12:08:02.1,3843N-3928E, h6km, MD2.9

ISVCB 21 12:08:03.1,0.7,3914N-006.3927E-006, h23km, 9km, Error ellipse: s-maj=10.3km s-min=6.9km az=148.5

ISC 21 12:08:02.9,0.8,3841N-005.3929E-006, h16km, 7km, n13, 0.080/20, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELZG Elazig, PERTK Pertek, MYA Malatya, etc.

MAN 21 12:11:57,855N-12241E, h33km, mb4.0, ML2.8, MS2.5, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNPH Sibulan, GUIM Jordan, GUMI Guim, CUYO Cuyo Island

DDA 21 12:13:31.4,3861N-3937E, h23km, 1km, MD2.4

CSEM 21 12:13:33.4,0.2,3836N-3926E, h2km, MD2.6, Error ellipse: s-maj=5.7km s-min=3.2km az=150.0

ISC 21 12:13:33.5,3838N-3922E, h5km, MD2.6

ISCJB 21 12:13:34.0,0.8,3837N-004.3923E-007, h14km, 16km, Error ellipse: s-maj=9.8km s-min=6.0km az=32.1

ISC 21 12:13:35.4,0.7,3842N-005.3919E-007, h20km, 11km, n11, 0.121/22, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELZG Elazig, PERTK Pertek, MYA Malatya, etc.

ISCJB 21 12:20:52.4,0.6,4526S-006.16741E-008, h133km, 5km, mb3.6/3, Error ellipse: s-maj=10.9km s-min=7.8km az=139.9

IDC 21 12:20:53.6,6.5,4511S-16734E, h118km, 6km, mb3.4/4, mb1 3.7/5, mb1mx3.5/12, mbtmp3.5/5, MS3.4/1, ms1mx3.2/15, Error ellipse: s-maj=80.9km s-min=26.8km az=23.0

WEL 21 12:20:54.2,0.3,4532S-16725E, h119km, 2km, ML4.7/18, Error ellipse: s-maj=3.3km s-min=1.5km az=90.0

NEIC 21 12:20:54.2,4532S-16724E, h118km, MG4.8(WEL), After WEL

ISC 21 12:20:53.0,0.6,4527S-006.16740E-008, h127km, 5km, n56, 0.082/63, mb3.6/3, 3C-3D, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DCZ Deep Cove, DCZ Deep Cove, MLZ Mavora Lakes, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBZ Lake Benmore, ODZ Otahua Downs, ODZ Otahua Downs, etc.

ISCJB 21 12:21:23.0,0.8,3838N-004.3929E-006, h6km, 13km, Error ellipse: s-maj=8.8km s-min=5.5km az=33.3

CSEM 21 12:21:23.1,0.2,3841N-3924E, h5km, MD2.7, Error ellipse: s-maj=6.1km s-min=3.4km az=119.0

ISKB 21 12:21:23.0,3840N-3927E, h4km, MD2.7

DDA 21 12:21:26.1,3834N-3892E, h7km, 7km, MD2.3

ISC 21 12:21:24.1,0.8,3840N-004.3928E-007, h10km, 11km, n11, 0.071/22, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELZG Elazig, PERTK Pertek, MYA Malatya, etc.

IDC 21 12:22:43.0,2.1,0965S-12748E, h0km, mb3.0/3, mb1 3.3/3, mb1mx3.1/16, mbtmp3.1/3, Error ellipse: s-maj=162.8km s-min=26.8km az=66.0, Halmahera

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

CSEM 21 12:24:03.5,3113N-5703E, h12km, ML3.8, After TEH

TEH 21 12:24:03.5,3113N-5703E, h12km, ML3.8

ISCJB 21 12:24:32.7,1.0,3112N-010.5697E-005, h12km, Error ellipse: s-maj=14.4km s-min=5.8km az=173.9

ISC 21 12:24:34.6,2.1,3121N-01.5699E-005, h17km, 11km, n17, 0.059/19, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IBAF Bafgh, IMEH Mehriz, ICHK Chekchek, etc.

JMA 21 12:33:43.3,0.3,4756N-14252E, h13km, M3.6

IDC 21 12:33:43.7,2.4,4742N-14167E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.3/22, mbtmp3.3/4, ML3.4/1, Error ellipse: s-maj=19.4km s-min=28.1km az=104.0

SKHL 21 12:33:45.1,1.1,4744N-14219E, h10km, mb4.0/3

SKHL Felt (II) at Ozhidaevo, Chekhov, (I-II) at Bykov

ISCJB 21 12:33:45.3,0.6,4744N-003.14233E-009, h14km, 6km, mb3.2/3, Error ellipse: s-maj=11.0km s-min=3.9km az=165.1

NEIC 21 12:33:45.8,1.3,4731N-14207E, h10km, Error ellipse: s-maj=32.1km s-min=17.6km az=55.0

NEIC Felt (II) at Chekhov and Ozhidaevo and (II) at Bykov

MOS 21 12:33:46.5,2.7,4744N-14337E, h11km, mb3.8/1, Error ellipse: s-maj=70.1km s-min=29.8km az=63.8

MOS Felt (II) at Ozhidaevo, Chekhov, (II) at Bykov

ISC 21 12:33:47.0,0.6,4746N-003.1425E-01, h17km, 5km, n25, 0.093/34, mb3.2/3, Sakhalin Island

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



ISCJB 21 14:11:20.0, 3441N:003.3667E:003, h10km, 7km, Error ellipse: s-maj=5.3km s-min=4.3km az=6.2

NSCC 21 14:11:20.0, 3441N:3664E, h8km, 1km ISC 21 14:11:20.0, 3441N:003.3666E:003, h13km, 6km, n19, r105/36, 6D, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Hawek, Fakeheh, Ras Al Marh, etc.

CSEM 21 14:13:53.0, 4121N:2421E, h10km, MD3.3/3, After ATH ATH 21 14:13:53.0, 4121N:2421E, h10km, MD3.4/3, Greece-Bulgaria border region

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

DDA 21 14:20:44.8, 3860N:3943E, h8km, Md3.0 CSEM 21 14:20:45.2, 3848N:3924E, h30km, MD3.0, Error ellipse: s-maj=4.8km s-min=2.4km az=127.0

ISCJB 21 14:20:46.3, 3842N:003.3931E:004, h8km, Error ellipse: s-maj=4.6km s-min=4.3km az=2.4

ISC 21 14:20:46.0, 3843N:3925E, h6km, MD2.9 ISC 21 14:20:46.0, 3842N:004.3932E:005, h5km, 10km, n19, r091/33, Turkey

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

IDC 21 14:24:42.9, 0.9, 905S:11975E, h0km, mb4.1/5, mb1 4.1/7, mb1mx3.9/18, mbtmp4.07, ML3.9/2, MS3.2/3, Ms1 3.1/3, ms1mx2.9/28, Error ellipse: s-maj=57.0km s-min=17.5km az=64.0

NEIC 21 14:24:44.1, 0.7, 911S:11970E, h10km, mb4.3/1, Error ellipse: s-maj=40.1km s-min=11.4km az=57.0

ISCJB 21 14:24:49.6, 3.8, 96S:03.1193E:03, h87km, 31km, mb3.9/6, Error ellipse: s-maj=68.4km s-min=11.4km az=142.1

ISC 21 14:24:58.4, 3.6, 93S:02.1199E:03, h146km, 31km, n15, r1802/15, mb3.9/6, Sumba region

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

1.2nm, 0.6s, mb3.8

ISK 21 14:33:36.9, 3840N:3924E, h5km, MD3.0 ISCJB 21 14:33:37.6, 0.6, 3837N:003.3928E:003, h2km, 6km, Error ellipse: s-maj=5.8km s-min=4.1km az=11.2

CSEM 21 14:33:37.0, 0.1, 3838N:3924E, h2km, MD3.0, Error ellipse: s-maj=3.9km s-min=2.5km az=178.0

DDA 21 14:33:37.2, 3859N:3929E, h17km, 1km, MD3.0 ISC 21 14:33:38.1, 0.5, 3837N:003.3928E:003, h3km, 5km, n24, r0571/34, Turkey

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

MEX 21 14:35:46.5, 0.9, 1705N:10023W, h5km, 60km, MD3.6, Guerrero

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

CSEM 21 15:02:26.9, 0.1, 3840N:3926E, h10km, MD3.1, Error ellipse: s-maj=2.4km s-min=2.0km az=2.0

DDA 21 15:02:27.0, 3840N:3926E, h10km, MD3.1 ISCJB 21 15:02:27.5, 0.5, 3840N:003.3930E:003, h6km, 5km, Error ellipse: s-maj=5.2km s-min=4.2km az=2.9

ISC 21 15:02:28.1, 0.5, 3841N:003.3929E:003, h11km, 5km, n21, r085/34, Turkey

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

IDC 21 15:11:39.3, 2.2, 106S:12741E, h0km, mb3.1/2, mb1 3.2/3, mb1mx3.1/16, mbtmp3.1/3, ML2.9/1, MS3.2/1, Ms1 3.2/1, ms1mx2.5/13, Error ellipse: s-maj=59.5km s-min=25.3km az=66.0, Halmahera

WRA Warramunga Arr 19.96 161 Op ISC h m s ISC 0.9nm, 0.3s, baz=340, slow=1.1, SNR=6.6

ASAR Ala Springs 23.34 165 P 15 16 49.0 -0.4

JHJ Hachijo jima 2 35.94 18 LR 15 32 22.2

MKAR Makanchi Array 61.87 326 P 15 22 00.5 +0.1

ISCJB 21 15:16:07.4, 5.3, 71S:02.1541E:02, h57km, 42km, mb3.6/5, Error ellipse: s-maj=40.1km s-min=31.4km az=31.9

IDC 21 15:16:14.7, 7.0, 71S:15308E, h96km, 53km, mb3.5/5, mb1 3.6/6, mb1mx3.5/16, mbtmp3.5/6, MS2.9/2, Ms1 2.9/2, ms1mx2.6/13, Error ellipse: s-maj=52.0km s-min=25.7km az=96.0

NEIC 21 15:16:17.6, 6.5, 714S:15344E, h106km, 32km, Error ellipse: s-maj=57.4km s-min=22.1km az=95.0

ISC 21 15:16:09.7, 5.0, 72S:02.1541E:03, h64km, 38km, n9, r111/9, mb3.6/5, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like PMG, CTA, WB2, etc.

SONM Songino Array 69.04 328 P 15 27 09.3 +0.8

ISCJB 21 15:26:50.4, 0.4, 5043N:002.8761E:006, h10km, mb3.6/4, MS3.0/2, Error ellipse: s-maj=5.2km s-min=3.1km az=10.0

IDC 21 15:26:51.7, 1.2, 5035N:8789E, h0km, mb3.6/4, mb1 3.7/8, mb1mx3.5/25, mbtmp3.7/8, ML4.1/3, MS3.1/2, Ms1 3.1/2, ms1mx2.6/25, Error ellipse: s-maj=18.3km s-min=12.3km az=109.0

ASRS 21 15:26:51.2, 1.0, 5030N:8759E, h15km, Ms3.3 MOS 21 15:26:53.0, 2.7, 5022N:8729E, h10km, mb3.8/3, Error ellipse: s-maj=12.3km s-min=9.0km az=77.0

NINC 21 15:26:54.8, 2.7, 5048N:8713E, h0km, 12km, mb3.9, mpv4.2, Error ellipse: s-maj=22.8km s-min=12.2km az=87.0

NEIC 21 15:26:56.4, 1.1, 5032N:8756E, h36km, 13km, mb3.6/1, Error ellipse: s-maj=12.0km s-min=11.3km az=176.0

ISC 21 15:26:52.7, 0.4, 5044N:002.8760E:005, h10km, n50, r1943/63, mb3.6/4, MS3.0/2, 6C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like AKAR, ARTR, Ust-Kan, etc.

ZALV Zalesovo Beam 3.91 335 Pn 15 27 55.5 +2.9

ZALV Zalesovo Beam 3.91 335 Pn 15 27 55.5 +2.9

ZALV 15nm, 0.3s, baz=156, slow=16, SNR=17 Pn 15 28 05.0 -2.4

ZALV 18nm, 0.3s, baz=159, slow=26, SNR=6.8 Sn 15 28 44.2 +5.7

MK31 Makanchi Array 5.07 226 Pn 15 28 10.3 +1.7

MK31 5.1nm, 0.2s, baz=55, slow=13, SNR=99 Pn 15 28 24.2 -5.5

MK31 78nm, 0.7s, baz=57, slow=26 UJLg Sn 15 29 08.1 +0.9

MK31 372nm, 1.1s, baz=47, slow=30 MK31 Makanchi Array 5.07 226 ePn Pn 15 28 10.2 +1.5

MKAR Makanchi Array 5.07 226 Pn Sn 15 28 10.2 +1.5

MKAR Makanchi Array 5.07 226 Pn Sn 15 28 10.2 +1.5

MKAR Makanchi Array 5.07 226 iPn Pmax 15 28 10.1 +1.4

MKAR Makanchi Array 5.07 226 Pn Pn 15 28 10.2 +1.5

MKAR comp=2.14nm, 0.3s, baz=54, slow=13, SNR=335 Sn Sn 15 29 06.6 +1.4

MKAR comp=2.2nm, 0.3s, baz=53, slow=27, SNR=11 Sn Sn 15 29 28.2

MKAR comp=2.4nm, 0.3s, baz=47, slow=28, SNR=17 Sn Sn 15 29 11.0 +1.4

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3

NVS Novosibirsk 5.14 331 ePn Pn 15 28 27.3







MMAI	comp=Z,5.0nm,0.9s,mb4.2	LR	LR	18 54 16.3
Mount Meron Ar	29.15 283	LR	LR	18 54 16.3
KMI	comp=Z,224nm,18.3s,MS3.8,baz=100,slow=40	P	P	18 40 51.1 -0.1
KMI	Kunming	29.60 93	P	P
KMI	comp=N,237nm,14.3s	LR	LR	
KMI	comp=E,153nm,5.9s	LR	LR	
EIL	comp=Z,164nm,14.3s,MS3.8	LR	LR	18 55 04.3
Elat	30.02 277	LR	LR	
BRTR	comp=Z,180nm,19.3s,MS3.7,baz=84,slow=41	P	P	18 41 00.3 +0.6
BRTR	Keskin Array B	30.58 297	P	P
BRTR	comp=Z,2.0nm,0.6s	pmax	pmax	
BRTR	Keskin Array B	30.58 297	P	P
BRTR	comp=Z,1.6nm,0.6s,mb4.0,baz=94,slow=9.5,SNR=6.5	P	P	18 41 00.3 +0.6
MOY	Mondy	30.91 39	P	P
ZAK	Zakamensk	31.60 42	P	P
ZAK	comp=Z,4.0nm,1.3s,mb4.1	pmax	pmax	
TLY	Talaya	32.37 40	eP	P
TLY	comp=Z,5.0nm,0.9s,mb4.3	pmax	pmax	
TLY	comp=Z,390nm,19.0s,MS4.1	MLR	MLR	
SOMN	Songino Array	32.57 48	P	P
SOMN	comp=Z,6.0nm,0.7s	pmax	pmax	
SOMN	comp=Z,6.0nm,0.7s	MLR	MLR	
SOMN	comp=Z,5.17nm,18.3s	P	P	18 41 18.8 +1.7
SOMN	Songino Array	32.57 48	P	P
SOMN	comp=Z,5.6nm,0.7s,mb4.6,baz=252,slow=8,SNR=64	P	P	18 56 49.3
SOMN	comp=Z,5.17nm,18.3s,MS4.3,baz=350,slow=41	LR	LR	
IRK	Irkutsk	32.97 40	eP	P
IRK	comp=Z,2.0nm,0.8s,mb4.6	pmax	pmax	
ULN	Ulanbataar	33.00 48	eP	P
ULN	comp=N,3.6nm,1.0s,mb4.3	P	P	18 41 22.2 +1.3
ULN	Ulanbataar	33.00 48	iP	P
ULN	Obninsk	33.71 325	P	P
ULN	comp=Z,4.0nm,1.0s	MLR	MLR	
ULN	Obninsk	33.71 325	P	P
ULN	comp=Z,4.0nm,1.0s	MLR	MLR	
AKASG	Malin Array Be	35.90 315	P	P
AKASG	comp=Z,2.0nm,0.6s	pmax	pmax	
AKASG	Malin Array Be	35.90 315	P	P
AKASG	comp=Z,2.1nm,0.6s,mb4.2,baz=94,slow=7.2,SNR=12	P	P	18 41 44.5 -1.3
KIEV	Kiev	35.90 315	eP	P
KIEV	comp=Z,5.9nm,0.8s,mb4.6	pmax	pmax	
KIEV	Kiev	35.90 315	eP	P
KIEV	comp=Z,6.0nm,0.8s,mb4.6	pmax	pmax	
MLR	Muntele Rosu	36.90 306	P	P
MLR	comp=Z,4.0nm,1.0s	pmax	pmax	
MLR	Muntele Rosu	36.90 306	P	P
MLR	comp=Z,4.3nm,1.0s,mb4.2,baz=42,slow=4.4,SNR=4.3	P	P	18 41 55.7 +1.3
CIT	Chita	38.22 44	eP	P
CIT	Baijiatuu	38.48 63	eP	P
CIT	comp=Z,5.0nm,0.8s,mb4.3	pmax	pmax	
BJT	Baijiatuu	38.48 63	eP	P
BJT	comp=Z,5.0nm,0.8s	AMB	AMB	
BJI	Beijing	38.49 63	P	P
BJI	comp=Z,7.0nm,0.8s,mb4.4	P	P	18 42 21.1 +1.0
LVS	L'vov	38.90 312	eP	P
LVS	Prapat	39.20 130	LR	LR
LVS	comp=Z,2.15nm,19.3s,MS4.0,baz=100,slow=38	P	P	18 59 24.7
JOF	Joensuu	40.28 334	eP	P
JOF	comp=Z,3.6nm,0.6s,mb4.3	pmax	pmax	
JOF	Joensuu	40.28 334	eP	P
JOF	comp=Z,4.0nm,0.6s,mb4.3	pmax	pmax	
BOD	Bodaibo	40.38 35	eP	P
BOD	comp=Z,3.0nm,1.1s,mb3.9	pmax	pmax	
HIA	Hailar	41.53 49	eP	P
HIA	comp=Z,4.4nm,1.0s,mb4.4	P	P	18 42 33.9 +0.8
HIA	Hailar	41.53 49	eP	P
HIA	comp=Z,4.0nm,1.0s	pmax	pmax	
NJ2	Nanjing	41.57 75	eP	P
NJ2	comp=Z,10.0nm,0.6s,mb4.6	AMB	AMB	
NJ2	Nanjing	41.57 75	eP	P
NJ2	comp=Z,10.0nm,0.6s,mb4.6	AMB	AMB	
FINES	FINESS Array B	41.65 330	iP	P
FINES	comp=Z,2.0nm,0.6s	pmax	pmax	
FINES	FINESS Array B	41.65 330	P	P
FINES	comp=Z,1.5nm,0.6s,mb3.8,baz=114,slow=13,SNR=8.8	LR	LR	19 01 54.2
FINES	comp=Z,2.233nm,19.6s,MS4.1,baz=124,slow=39	LR	LR	
KAF	Kangasniemi	41.85 331	eP	P
KAF	comp=Z,2.0nm,0.5s,mb4.0	pmax	pmax	
KAF	Kangasniemi	41.85 331	eP	P
KAF	comp=Z,2.0nm,0.5s,mb4.0	pmax	pmax	
GERES	GERESS Array B	45.49 310	P	P
GERES	comp=Z,1.0nm,0.6s	pmax	pmax	
GERES	GERESS Array B	45.49 310	P	P
GERES	comp=Z,0.7nm,0.6s,mb3.7,baz=90,slow=6.7,SNR=7.2	P	P	18 43 05.4 +0.3
KEV	Kevo	45.63 341	eP	P
KEV	comp=Z,2.3nm,0.5s,mb4.4	P	P	18 43 06.8 +0.9
KEV	Kevo	45.63 341	eP	P
KEV	comp=Z,2.0nm,0.5s,mb4.3	pmax	pmax	
ARCES	ARCCESS Array B	45.94 340	P	P
ARCES	comp=Z,2.0nm,0.5s	pmax	pmax	
ARCES	ARCCESS Array B	45.94 340	P	P
ARCES	comp=Z,1.7nm,0.5s,mb4.2,baz=128,slow=7.9,SNR=18	P	P	18 43 09.1 +0.7
KSRs	Korea Array	47.88 66	P	P
KSRs	comp=Z,2.2nm,0.8s,mb4.2,baz=273,slow=6.7,SNR=6.2	P	P	18 43 23.4 -0.5
NB2	NORSAR Subarra	48.30 326	P	P
NB2	comp=Z,1.0nm,0.5s,mb4.1,baz=103,slow=7.9	P	P	18 43 25.4 -1.5
NOA	NORSAR Array B	48.30 326	P	P
NOA	comp=Z,1.0nm,0.5s	pmax	pmax	
NOA	NORSAR Array B	48.30 326	P	P
NOA	comp=Z,1.93nm,19.1s	MLR	MLR	
NOA	NORSAR Array B	48.30 326	P	P
NOA	comp=Z,1.0nm,0.5s,mb4.1,baz=104,slow=7.8,SNR=5.7	LR	LR	19 07 43.9
YAK	Yakutsk	49.13 33	eP	P
YAK	comp=Z,7.9nm,0.6s,mb4.9	P	P	18 43 32.2 -0.9
YAK	Yakutsk	49.13 33	iP	P
YAK	comp=Z,7.0nm,0.7s,mb4.8	pmax	pmax	
KLR	Kul'dur	49.38 50	eP	P
KLR	Sospel	50.07 303	eP	P
SBF	comp=Z,22nm,0.8s,mb4.9	P	P	18 43 41.5 +0.9
SBF	Sospel	50.07 303	eP	P
SBF	comp=Z,1.1nm,0.8s,mb5.0	P	P	18 43 41.5 +0.9
SBF	Sospel	50.07 303	eP	P
SBF	comp=Z,1.1nm,0.8s,mb4.9	pmax	pmax	
LPG	La Plagne	50.36 306	eP	P
LPG	comp=Z,6.8nm,0.7s,mb4.5	P	P	18 43 42.9 +0.1
LPG	La Plagne	50.36 306	eP	P
LPG	comp=Z,3.4nm,0.7s,mb4.5	P	P	18 43 42.9 +0.1
LPG	La Plagne	50.36 306	eP	P
LPG	comp=Z,3.0nm,0.7s,mb4.4	pmax	pmax	
LPL	La Plagne	50.38 306	eP	P
MBDF	Montbardon	50.44 305	eP	P
MBDF	comp=Z,5.9nm,0.9s,mb4.1	P	P	18 43 44.6 +1.2
MBDF	Montbardon	50.44 305	eP	P
MBDF	comp=Z,4.4nm,0.9s,mb4.5	P	P	18 43 44.6 +1.2
MBDF	Montbardon	50.44 305	eP	P
MBDF	comp=Z,4.0nm,0.9s,mb4.5	pmax	pmax	
CABF	La Chapelle	50.71 307	eP	P
CABF	comp=Z,9.3nm,0.8s,mb4.4	P	P	18 43 47.9 +2.5
CABF	La Chapelle	50.71 307	eP	P
CABF	comp=Z,9.3nm,0.8s,mb4.4	P	P	18 43 47.9 +2.5
CABF	La Chapelle	50.71 307	eP	P
CABF	comp=Z,5.0nm,0.8s,mb4.5	pmax	pmax	
TIXI	Tiksi	51.31 20	eP	P
TIXI	comp=Z,6.7nm,0.8s,mb4.9	P	P	18 43 48.5 -1.1
TIXI	Tiksi	51.31 20	eP	P
TIXI	comp=Z,6.7nm,0.8s,mb4.9	P	P	18 43 48.5 -0.8

TIXI	comp=Z,6.0nm,0.8s,mb4.6	pmax	pmax	
TIXI	Signal de Mont	52.34 307	eP	P
SMF	comp=Z,1.6nm,0.8s,mb4.6	P	P	18 43 57.4 +0.5
SMF	Signal de Mont	52.34 307	eP	P
SMF	comp=Z,7.9nm,0.9s,mb4.6	P	P	18 43 57.4 +0.5
SMF	Signal de Mont	52.34 307	eP	P
SMF	comp=Z,8.0nm,0.9s,mb4.7	pmax	pmax	
SSF	Saint Saulege	52.42 308	eP	P
SSF	comp=Z,1.1nm,0.8s,mb4.5	P	P	18 43 59.0 +0.8
SSF	Saint Saulege	52.42 308	eP	P
SSF	comp=Z,5.3nm,0.8s,mb4.5	P	P	18 43 59.0 +0.8
SSF	Saint Saulege	52.42 308	eP	P
SSF	comp=Z,5.0nm,0.8s,mb4.5	pmax	pmax	
EKA	Eskdalemuir Ar	55.66 319	P	P
EKA	comp=Z,1.0nm,0.8s	pmax	pmax	
EKA	Eskdalemuir Ar	55.66 319	P	P
EKA	comp=Z,1.3nm,0.8s,mb4.0,baz=79,slow=6.9,SNR=6.0	P	P	18 44 20.2 -1.5
SEY	Seymchan	56.83 32	P	P
TORD	Tordi Ar	64.65 271	P	P
TORD	comp=Z,1.6nm,1.0s,mb4.0,baz=56,slow=5.5,SNR=5.1	P	P	18 45 50.5 +1.1
TORD	Tordi Ar	64.65 271	P	P
TORD	comp=Z,1.6nm,1.0s,mb4.0,baz=56,slow=5.5,SNR=5.1	P	P	18 45 22.8 -1.2
TORD	comp=Z,10.1nm,18.3s,MS4.0,baz=35,slow=41	LR	LR	19 18 34.7
BOSA	Boshof	72.85 220	P	P
BOSA	comp=Z,3.0nm,0.9s,mb4.2	pmax	pmax	
BOSA	Boshof	72.85 220	P	P
BOSA	comp=Z,1.29nm,18.6s,MS4.2	MLR	MLR	
BOSA	Boshof	72.85 220	P	P
BOSA	comp=Z,3.1nm,0.9s,mb4.2,baz=143,slow=5.2,SNR=3.1	P	P	18 46 14.7 0.0
BOSA	comp=Z,1.29nm,18.6s,MS4.2,baz=82,slow=34	LR	LR	19 15 19.5
WRA	Warranguna Arr	80.00 120	P	P
WRA	comp=Z,2.0nm,0.9s	pmax	pmax	
WRA	Warranguna Arr	80.00 120	P	P
WRA	comp=Z,2.0nm,0.9s,mb4.0,baz=323,slow=4.9,SNR=14	P	P	18 46 53.9 -1.6
ASAR	Alice Springs	81.99 124	P	P
ASAR	comp=Z,1.0nm,0.8s	pmax	pmax	
ASAR	Alice Springs	81.99 124	P	P
ASAR	comp=Z,1.0nm,0.8s,mb4.0,baz=308,slow=5.4,SNR=14	P	P	18 47 04.7 -1.3
YKA	Yellowknife Ar	86.82 2	P	P
YKA	comp=Z,1.0nm,0.7s	pmax	pmax	
YKA	Yellowknife Ar	86.82 2	P	P
YKA	comp=Z,1.0nm,0.7s	pmax	pmax	
YKA	comp=Z,1.0nm,0.7s	MLR	MLR	
YKA	Yellowknife Ar	86.82 2	P	P
YKA	comp=Z,1.0nm,0.7s,mb4.1,baz=349,slow=4.9,SNR=16	LR	LR	19 32 09.4
YKA	comp=Z,7.6nm,19.3s,MS4.1,baz=230,slow=40	LR	LR	

ATH 21 18:34:46.6, 39196N-26.14E, h33km, MD3.6/4  
 ISK 21 18:34:48.6, 39388N-26.33E, h8km, MD3.2  
 ISCJB 21 18:34:48.2, 0.6, 3935N-002.2622E, 0.04, h11km, 5km,  
 Error ellipse: s-maj=5.9km s-min=3.5km az=170.3  
 NEIC 21 18:34:48.0, 3940N-26.34E, h7km, MD3.6(ATH),  
 MD3.3(ISK), After ISK.  
 CSEM 21 18:34:49.0, 0.1, 3937N-26.33E, h15km, MD3.6, Error  
 ellipse: s-maj=2.0km s-min=1.4km az=89.0  
 THE 21 18:34:51.6, 3929N-26.24E, h21km, ML3.5  
 ISC 21 18:34:49.1, 0.5, 3935N-002.2622E, 0.05, h15km, 4km, n59,  
 o0757/1, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PRK	Paraskevi	0.11	158	eP	18 34 52.8 +0.3	Pn
PRK	Paraskevi	0.11	158	eP	18 34 52.8 +0.3	Pn
PRK	Paraskevi	0.11	158	eP	18 34 52.8 +0.3	Pn
GADA	Gvkgeada	0.88	344	PG	18 35 06.4 +0.3	Pn
GADA	Gvkgeada	0.88	344	SG	18 35 10.0 +0.4	Pn
CHOS	Chios island	0.97	188	eP	18 35 06.4 +0.3	Pn
CHOS	Chios island	0.97	188	eP	18 35 07.0 0.0	Pn
CHOS	Chios island	0.97	188	eP	18 35 21.1 +0.6	Pn
CHOS	Chios island	0.97	188	eP	18 35 07.9 +0.1	Pn
CHOS	Chios island	0.97	188	eP	18 35 21.1 +0.6	Pn
LIA	Limnos Island	0.97	305	eP	18 35 06.3 -1.9	Pn
LIA	Limnos Island					



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AKASG Malin Array Be, JOF Joensuu, PLOR Plostinia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEIC 21 21:04:45.2,0.3,5152N,1612E, h5km, ML3.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MOX Moxa, ROTZ Rotzenmuhle, GECZ GERESS Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISK 21 20:53:57.6, 3839N-3923E, h5km, MD3.5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DPC Dobruska-Polom, PVCC Panska Ves, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GRA1 Grafenberg Arr, MOA Molin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MEX 21 20:59:28.0,6,2007N-10635W, h13km, 132km, MD4.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TANN Tannenbergssta, WERN Werda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KBA Kolonice sedl, PKSM Moragy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CBJJ Chichi jima, JHHJ Haha-jima-NKT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRUC Moravsky, TANN Tannenbergssta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KBA Kolonice sedl, PKSM Moragy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISK 21 21:04:43.9,0.4,5142N,02:1613E, h02km, mb3.1/2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KHC Kasperske Hory, MOX Moxa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ELZG Elazig, PTK Pertek, etc.



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

IDC 21:21:06.40.0.1.3, 103S-12780E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.7/17, mbtmp3.8/6, ML3.9/1, Error ellipse: s-maj=119.9km s-min=19.8km az=69.0, Halimahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAKA, WRA, WB2, ASAR, etc.

ISC/JB 21:21:14:52.0.1.7, 2821S-005x1792W-0.1, h441km, 8km, mb3.7/8, Error ellipse: s-maj=20.1km s-min=7.7km az=0.3

NEIC 21:21:14:54.0.0.8, 2825Sx17923W, h450km, 8km, mb4.1/1, Error ellipse: s-maj=18.3km s-min=8.6km az=81.0

IDC 21:21:14:54.5.1.2, 2816Sx17931W, h436km, 14km, mb3.4/8, mb1 3.9/10, mb1mx3.6/14, mbtmp3.5/10, Error ellipse: s-maj=20.3km s-min=18.3km az=140.0

ISC 21:21:14:54.0.0.6, 2822S-005x1793W-0.1, h428km, 8km, n67, s103/73, mb3.7/8, Kermadec Islands region

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAO, RAO, MXZ, etc.

1.0nm, 0.8s, baz=27, slow=2.1, SNR=3.6

TORD Torridi Ar. Bea 164.98 184 PKPab PKPab 21 35 08.9 +1.3

0.8nm, 0.6s, baz=176, slow=3.9, SNR=12

IDC 21:21:18:15.2.4.7, 2150Sx17039E, h0km, mb4.2/4, mb1 4.3/4, mb1mx4.0/13, mbtmp4.2/4, ML2.2/1, Error ellipse: s-maj=131.5km s-min=64.3km az=0.0

NEIC 21:21:18:17.4.3.2, 2156Sx17030E, h10km, mb4.4/1, Error ellipse: s-maj=81.8km s-min=21.0km az=201.0

ISC 21:21:18:15.9.2.0, 213S-04x1704E-0.1, h10km, n7, e06/40, 9, mb4.2/5, Southeast of Loyalty Islands

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

IDC 21:21:29:09.4+40.0, 3105N-8986E, h0km, mb3.1/2, mb1 3.2/3, mb1mx3.1/22, mbtmp3.2/3, ML2.8/1, Error ellipse: s-maj=57.8 km s-min=75.5km az=12.0, Xizang

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

ISK 21:21:32:56.8, 3839N-3922E, h5km, MD3.2

ISC/JB 21:21:32:57.0.0.4, 3837N-003x3928E-0.03, h2km, Error ellipse: s-maj=4.2km s-min=2.9km az=1.4

CSEM 21:21:32:57.0.0.1, 3842N-3921E, h2km, MD3.1, Error ellipse: s-maj=2.9km s-min=1.9km az=143.0

DDA 21:21:32:57.7, 3840N-3922E, h7km, 6km, MD3.1

ISC 21:21:32:58.2.0.5, 3838N-003x3928E-0.03, h6km, 5km, n27, s109/40, Turkey

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

NNC 21:21:46:36.1x13.0, 4405N-8403E, h9km, 53km, mb2.5, mpv2.2 Error ellipse: s-maj=90.8km s-min=39.4km

baz=150.0

BUJ 21:21:46:35.4, 4400N-8377E, h10km, ML2.7, 2C-3D, Northern Xinjiang

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

ISC/JB 21:22:13:23.2x0.2, 4097N-001x11641W-0.01, h0km, mb2.9/1, Error ellipse: s-maj=1.6km s-min=1.5km az=144.2

IDC 21:22:13:23.8x1.3, 4104N-11653W, h0km, mb2.6/1, mb1 3.4/4, mb1mx3.2/21, mbtmp3.0/4, ML3.1/3, Error ellipse: s-maj=27.8km s-min=8.7km az=130.0

NEIC 21:22:13:24.0.4.0, 4097N-11648W, h0km, ML2.7, Error ellipse: s-maj=6.9km s-min=4.6km az=153.0, Suspected Mining explosion.

NEIC 55 km (35 miles) NE of Battle Mountain, ISC 21:22:32:0.0.2, 4098N-001x11641W-0.01, h0km, n94, s1507/165, mb2.9/1, 59C-39D, Nevada

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like N10A, N10A, N11A, etc.

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like N09A, N09A, ELK, etc.





Table with columns: STKA, WRA, ASAR, FITZ, ARCES, ARCES. Includes station names, coordinates, and time/res data.

IDC 22 00:04:05.2-1.0, 3205S:6889W, h0km, mb3.7/2, mb1 3.9/4, mb1mx3.8/15, mbtmp3.6/4, ML3.8/2, Error ellipse: s-maj=4.1, 1km s-min=10.3km az=133.0, ISCJB 22 00:34:10.0-1.0, 3178S:003.6852W, h0km, h31km, 9km, mb3.5/2, Error ellipse: s-maj=8.8km s-min=5.2km az=5.7, NEIC 22 00:34:09.1-1.0, 3180S:6877W, h6km, ML4.3(GUC), After GUC.

GUC 22 00:34:09.1-1.0, 3180S:6877W, h6km, 7km, ML4.3 ISC 22 00:34:10.5-1.2, 3180S:003.6854W, h2km, h2km, n28, c106/33, mb3.5/2, 3C-2D, San Juan Province

Main table for the first section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Coronel Fontan, Mendoza, Farellones, Combarbala, etc.

ISCJB 22 00:41:58.0-0.3, 3433N:001x11683W, h0km, 3km, Error ellipse: s-maj=2.5km s-min=2.4km az=8.3, NEIC 22 00:41:59.3, 3433N:11685W, h4km, ML2.9(PAS), After PAS.

NEIC Felt (III) at Big Bear City, ISC 22 00:41:58.7-0.3, 3432N:001x11684W, h0km, 2km, n49, c0572/75, 26C-27D, Southern California

Main table for the second section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Silver Peak, Seven Oaks Dam, Victorville, Perris, etc.

Main table for the third section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Camp Elliot, Monument Peak, Oso Adit, Catalina Islan, etc.

CSEM 22 00:42:01.8-0.1, 3838N:3925E, h5km, MD2.6, Error ellipse: s-maj=2.2km s-min=1.8km az=129.0, ISK 22 00:42:01.8, 3838N:3924E, h4km, MD2.9, ISCJB 22 00:42:02.3-0.4, 3837N:003.3929E, h5km, Error ellipse: s-maj=4.6km s-min=3.6km az=17.0, DDA 22 00:42:03.3, 3846N:3925E, h20km, 3km, MD2.6, ISC 22 00:42:02.7-0.5, 3837N:003.3928E, h0km, 6km, n21, c069/31, Turkey

Main table for the fourth section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Elazig, Pertek, Malatya, Diyarbakir, etc.

MOS 22 00:51:29.6-1.3, 4354N-4476E, h22km, mb4.2/1, 1C-3D, Error ellipse: s-maj=19.5km s-min=9.6km az=62.2, Western Caucasus

Main table for the fifth section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Terskaya, Batakoyurt, Komsomolskaya, etc.

IDC 22 00:59:12.1-1.8, 561S:13103E, h0km, mb3.7/2, mb1 4.4/5, mb1mx3.9/14, mbtmp4.2/5, ML4.6/3, Error ellipse: s-maj=88.2km s-min=24.8km az=72.0, NEIC 22 00:59:17.6-0.5, 575S:13094E, h35km, mb4.0/6, Error ellipse: s-maj=13.3km s-min=8.2km az=60.0, ISCJB 22 00:59:25.1-1.8, 612S:007.13090E, h0km, 134km, 19km, mb3.9/7, Error ellipse: s-maj=15.3km s-min=9.2km az=144.5, ISC 22 00:59:18.2-1.6, 58S:01x13098E, h0km, 29km, n21, c117/29, mb4.1/7, Banda Sea

Main table for the sixth section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Kakadu, Fitzroy Crossi, etc.

Main table for the seventh section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Warramunga Arr, Warramunga Arr, Warramunga Arr, etc.

NEIC 22 01:03:07.4, 3182S:6874W, h10km, ML4.0(GUC), After GUC.

GUC 22 01:03:07.4-1.0, 3182S:6874W, h10km, ML4.0, 3D, San Juan Province

Main table for the eighth section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Mendoza, Petorca, Farellones, Combarbala, etc.

CASC 22 01:04:17.1-1.4, 838N-8284W, h10km, 5km, MD3.7, 2C-1D, Panama-Costa Rica border region

Main table for the ninth section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Volcan, Cotoan, Changuinola, etc.

NEIC 22 01:05:30.6, 6164N:14139W, h1km, ML2.8(PMR), ML2.5(AEIC), After AEIC.

PGC 22 01:05:31.8-0.9, 6176N:14132W, h1km, ML2.9/3, 227km TLI Wray of Haines Jct., Y1 Southern Alaska, Southern Alaska

Main table for the tenth section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Beaver Creek A, Mentasta, Haines Junctio, etc.

IDC 22 01:15:43.7-0.6, 3201S:6870W, h0km, mb4.3/11, mb1 4.5/12, mb1mx4.4/18, mbtmp4.3/12, ML4.3/1, MS4.0/5, Ms1 4.0/5, ms1mx3.7/19, Error ellipse: s-maj=16.9km s-min=8.6km az=130.0, ISCJB 22 01:15:47.0-0.8, 3179S:002.6847W, h0km, h25km, 6km, mb4.6/33, MS4.0/4, Error ellipse: s-maj=4.8km s-min=3.3km az=17.4, NEIC 22 01:15:46.6, 3180S:6872W, h5km, mb4.8/20, ML5.1(GUC), After GUC.

NEIC Felt (IV) at San Juan and (III) at Mendoza, GUC 22 01:15:46.6-0.8, 3180S:6872W, h5km, 6km, MD4.4, ML5.1, ISC 22 01:15:47.2-0.9, 3181S:002.6850W, h0km, h14km, 6km, h15km, 7km, p-P, n18, c190/127, mb4.6/33, MS4.0/4, 13C-5D, San Juan Province

Main table for the eleventh section with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Coronel Fontan, Mendoza, etc.

FCH	Farellones	2.14 224	iP	Pn	01 16 21.6	-0.8
FCH			iS	Pn	01 16 48.4	-0.4
FCH			AML	AML	01 16 49.4	
CMCH	Combarbala	2.23 286	iP	Pn	01 16 21.1	-2.6
CMCH			iS	Pn	01 16 47.8	-3.2
CMCH	Combarbala	2.23 286	iP	Pn	01 16 21.1	-2.6
CMCH			iS	Pn	01 16 47.8	-3.2
CMCH			AML	AML	01 16 54.3	
PEL	Peleduehue	2.27 234	iP	Pn	01 16 23.3	-1.0
PEL			iS	Pn	01 16 51.4	-0.8
PEL			AML	AML	01 16 59.5	
CLCH	Cerro Calan	2.33 227	iP	Pn	01 16 25.9	+0.6
CLCH			iS	Pn	01 16 25.5	+1.5
CLCH	Cerro Calan	2.33 227	iP	Pn	01 16 25.9	+0.6
CLCH			iS	Pn	01 16 55.1	+1.5
CLCH			AML	AML	01 17 00.1	
DSCH	Colegio Aleman	2.36 227	eP	Pn	01 16 25.2	-0.2
DSCH			iS	Pn	01 16 54.3	+0.1
DSCH	Colegio Aleman	2.36 227	eP	Pn	01 16 25.2	-0.2
DSCH			iS	Pn	01 16 54.3	+0.1
DSCH			AML	AML	01 16 59.5	
FSR	Penalolen	2.39 225	eP	Pn	01 16 26.4	+0.5
FSR			iS	Pn	01 16 56.0	+1.1
FSR	Penalolen	2.39 225	eP	Pn	01 16 26.4	+0.5
FSR			iS	Pn	01 16 56.0	+1.1
FSR			AML	AML	01 16 57.0	
SJCH	San Jose de Ma	2.40 220	iP	Pn	01 16 25.6	+0.4
SJCH			iS	Pn	01 16 56.4	+1.1
SJCH	San Jose de Ma	2.40 220	iP	Pn	01 16 25.6	+0.4
SJCH			iS	Pn	01 16 56.4	+1.1
SJCH			AML	AML	01 17 01.8	
ROCH	El Roble	2.42 241	iP	Pn	01 16 25.9	-0.4
ROCH	Santa Lucia	2.43 228	eP	Pn	01 16 25.8	-0.6
ROCH			iS	Pn	01 16 56.2	+0.3
ROCH			AML	AML	01 17 04.1	
PCH	Pirque	2.48 223	iP	Pn	01 16 27.7	+0.6
PCH	Antumapu	2.51 225	eP	Pn	01 16 28.5	+0.9
ANTU			iS	Pn	01 16 59.7	+1.7
ANTU	Antumapu	2.51 225	eP	Pn	01 16 28.5	+0.9
ANTU			iS	Pn	01 16 59.7	+1.7
ANTU			AML	AML	01 17 04.2	
TLL	Tololo Astrono	2.57 309	iP	Pn	01 16 28.6	+0.2
TLL			iS	Pn	01 17 00.1	+1.2
TLL	Tololo Astrono	2.57 309	iP	Pn	01 16 28.6	+0.2
TLL			iS	Pn	01 17 00.6	+1.2
TLL			AML	AML	01 17 08.3	
OVCH	Ovalle	2.60 297	eP	Pn	01 16 28.8	-0.1
OVCH			iS	Pn	01 17 00.5	+0.2
OVCH	Ovalle	2.60 297	eP	Pn	01 16 28.8	-0.1
OVCH			iS	Pn	01 17 00.5	+0.2
OVCH			AML	AML	01 17 04.8	
TACH	Talagante	2.76 228	eP	Pn	01 16 31.1	+0.1
CACH	El Canelo	2.90 217	iP	Pn	01 16 34.1	+1.2
LSCH	La Serena	3.03 308	iP	Pn	01 16 33.9	-0.8
LSCH			iS	Pn	01 17 10.1	-0.6
LSCH	La Serena	3.03 308	iP	Pn	01 16 33.9	-0.8
LSCH			iS	Pn	01 17 10.1	-0.6
LSCH			AML	AML	01 17 15.2	
LNCH	Longovillo	3.25 228	iP	Pn	01 16 35.5	-1.3
LNCH			iS	Pn	01 17 14.9	-1.3
LNCH	Las Campanas	3.38 325	iP	Pn	01 16 39.5	+0.2
LNCH			eS	Pn	01 17 39.0	+0.4
LNCH	San Fernando	3.50 216	iP	Pn	01 16 41.5	+0.3
VACH	Vallenar	3.77 328	iP	Pn	01 16 44.9	+0.0
VACH			iS	Pn	01 17 29.2	+0.2
VACH	Vallenar	3.77 328	iP	Pn	01 16 44.9	+0.0
VACH			iS	Pn	01 17 29.2	+0.2
VACH			AML	AML	01 17 41.4	
NICH	Los Niches	3.92 215	eP	Pn	01 16 46.4	-0.5
CPCH	Copiapó	4.72 340	eP	Pn	01 16 58.7	+0.8
CPCH			iS	Pn	01 17 30.0	+0.5
CDCH	C Caldera	5.14 336	iP	Pn	01 17 03.7	-0.0
LPAZ	La Paz	15.46	1 Pn	01 19 26.0	+1.2	
LPAZ			LR	01 26 21.7		
LPAZ	La Paz	15.46	1 Pn	01 19 26.0	+1.2	
LPAZ			LR	01 26 21.7		
LPAZ			AML	AML	01 26 21.7	
ARE	Arequipa	15.52 349	eP	Pn	01 19 25.0	-0.6
SIV	San Ignacio	17.14 35	eP	Pn	01 19 43.2	-3.2
NNA	Nana	21.17 237	P	P	01 20 32.3	+0.2
NNA			AML	AML	01 20 32.3	+0.2
NNA	Nana	21.17 337	P	P	01 20 31.8	-0.3
NNA			AML	AML	01 20 31.8	-0.3
UFI	East Falkland	21.29 162	P	P	01 20 33.9	+0.9
ESH	Ushuaia	23.01 180	P	P	01 20 48.7	-2.8
USH			AML	AML	01 20 42.1	
ATAH	Atahualpa	26.35 337	P	P	01 21 23.3	+0.4
PMSA	Palmer Station	33.10 177	P	P	01 22 23.6	+1.2
OTAV	Otavaló	32.24 342	eP	Pn	01 22 25.3	+1.3
ROSC	El Rosal	36.88 350	LR	LR	01 37 42.1	
JTS	Juntas Abangare	44.73 337	P	P	01 23 59.4	-0.7
TGUH	Tegucigalpa Un	49.03 336	P	P	01 24 35.3	+1.6
UNA3	Neumayer Olymp	50.29 159	e	P	01 24 42.0	-0.8
UNA2	Neumayer-Watz	50.90 158	e	P	01 24 46.8	-0.6
SNA	Sanana	52.51 159	P	P	01 24 58.4	-1.0
MAIT	Maitri	57.13 157	eP	P	01 25 29.2	-3.6
GPAT	South Pole Qui	58.42 180	eP	P	01 25 40.9	-0.9
BBSR	BIB Station	62.64	4 P	P	01 26 20.4	+0.0
SWET	Swanese	68.66 345	eP	P	01 26 48.3	-1.5
JCT	Junction City	68.70 331	P	P	01 26 49.5	-0.7
OXF	Oxford	68.84 342	eP	P	01 26 49.8	-1.2
LTX	Lajitas	69.39 327	eP	P	01 26 54.2	-0.4
TXAR	Lajitas Array	69.39 327	P	P	01 26 53.5	-1.0
MIAR	Mount Aria	70.99 338	eP	P	01 26 59.7	+0.9
PARMO	Parma	70.96 342	eP	P	01 27 02.7	-1.3
LIC	Lampo	71.24	70 eP	P	01 27 07.7	+1.4
TIC	Toumoudi	71.40	70 eP	P	01 27 07.1	-0.7
KIC	Kosan Boka	71.55	70 eP	P	01 27 08.7	+0.5
SIUC	Southern Illin	71.82 343	P	P	01 27 09.5	+0.3
WMOK	Wichita Moun	72.06 334	eP	P	01 27 09.8	-0.9
MNTX	Cornudas Moun	72.17 327	eP	P	01 27 08.9	-2.5
BRNJ	Basking Ridge	72.35 355	P	P	01 27 12.6	+0.4
FVM	French Village	72.38 342	eP	P	01 27 10.8	-1.8
ACSO	Alum Creek Sta	72.94 348	eP	P	01 27 15.5	-0.2
SUR	Sutherland	73.25 118	LR	LR	01 27 19.1	+1.0
MAW	Mawson	74.40 163	LR	LR	01 27 44.0	-0.3
BNN	Barren Site	74.79 328	eP	P	01 27 26.7	-0.1
LNMO	Los Pinos Moun	74.93 328	eP	P	01 27 28.2	+0.6
APMO	Albuquerque	75.39 329	eP	P	01 27 30.1	-0.1
ANMO			e	pP	01 27 35.0	+0.2
SDCO	Great Sand Dun	77.33 331	eP	P	01 27 40.9	-0.3
BOSA	Boshof	78.41 116	P	P	01 27 47.4	-0.3
PV01	Paradox Valley	79.37 329	eP	P	01 27 50.2	-0.1
ISCO	Idaho Springs	79.13 332	eP	P	01 27 50.9	-0.2
ISCO			AML	AML	01 27 50.9	-0.2

PV10	Paradox Valley	79.38 329	P	P	01 27 53.0	+0.5
ECSD	EROS,Sioux Fal	79.45 340	eP	P	01 27 49.7	-3.0
LRB	Lobates	80.48 113	eP	P	01 27 58.8	-0.2
LBST	San Rafael	80.65 328	P	P	01 28 01.0	+1.7
TOAD	Torodi Arr. Sit	80.65 68	eP	P	01 28 00.1	+0.1
TORO	Torodi Arr. Bea	80.65 68	P	P	01 27 59.6	-0.3
TOAO			AML	AML	01 28 00.1	+0.1
CCUT	Cedar City	80.72 325	eP	P	01 27 59.5	-0.2
CCUT			AML	AML	01 28 05.0	+0.5
MSU	Marysvalde	80.92 327	eP	P	01 27 58.8	-2.1
ARUT	Antelope Range	80.94 325	P	P	01 28 02.5	+1.6
RSSD	Black Hills	82.24 335	eP	P	01 28 09.1	+1.5
HWUT	Hardware Ranch	83.14 329	eP	P	01 28 13.7	+1.3
PDAR	Pinedale Array	83.23 321	P	P	01 28 12.4	-0.4
PDAR			AML	AML	01 28 12.4	-0.4
NVAR	Nimra Array Bea	83.86 323	P	P	01 28 15.7	-0.5
NVAR			AML	AML	01 28 15.7	-0.5
ULM	Lac du Bonnet	85.23 343	P	P	01 28 23.5	+0.7
ULM	Lac du Bonnet	85.23 343	P	P	01 28 23.5	+0.7
HLID	Haley	85.96 328	eP	P	01 28 26.5	-0.1
HLID			AML	AML	01 28 26.5	-0.1
HLID	McKenzie Canyo	86.29 330	P	pP	01 28 30.0	-1.3
MCMT	Schefferville	86.30	1 P	P	01 28 29.0	+0.8
SCHO	Schofield	86.30	1 P	P	01 28 29.3	+1.3
SCHO			AML	AML	01 28 29.3	+1.3
RPZ	Rata Peaks	87.22 219	LR	LR	01 58 08.0	
WALA	Waterloo Lakes	90.11 332	eP	P	01 28 46.7	+0.4
FCC	Fort Churchill	92.72 347	eP	P	01 28 58.4	+0.2
YKA	Yellowknife Arr	100.98 340	P	Pdf	01 29 35.3	-0.9
YKA	Yellowknife Arr	100.98 340	P	Pdf	01 29 35.3	-0.9
ASAR	Alice Springs	120.82 204	PKP	PKPdf	01 34 35.7	-3.7
ASAR	Alice Springs	120.82 204	PKP	PKPdf	01 34 35.7	-3.7
WB2	Warramunga Arr	124.07 206	eP	PKPdf	01 34 42.7	-3.1
WB2			AML	AML	01 34 42.7	-3.1
WRA	Warramunga Arr	124.08 206	PKP	PKPdf	01 34 42.7	-3.0
WRA			AML	AML	01 34 42.7	-3.0
UCH	Uchter	148.91	60 PKPdf	PKPdf	01 35 33.8	+3.4
TKM2	Tokmak 2	149.60	58 eP	PKPdf	01 35 32.5	+1.1
ZALV	Zalesovo Beam	150.78	33 PKPbc	PKPbc	01 35 37.4	-1.1
ZALV	Zalesovo Beam	150.78	33 PKPbc	PKPbc	01 35 37.4	-1.1
MK31	Makanchi Array	153.09	48 eP	PKPdf	01 35 39.0	+2.4
MKAR	Makanchi Array	153.09	48 eP	PKPdf	01 35 42.4	-1.6
MKAR			AML	AML	01 35 42.4	-1.6
SONM	Songino Array	163.53	12 PKPab	PKPab	01 36 43.9	+3.4
SONM			AML	AML	01 36 43.9	+3.4
ISCJB	201:17:28.9.0.6.3839N.004.3932E.004.h5km, Error ellipse: s-maj=6.1km s-min=3.9km az=29.7					
CSEM	201:17:28.6.0.4.3845N.3925E.h10km,MD2.7, Error ellipse: s-maj=11.5km s-min=5.6km az=119.0					
DDA	201:17:28.7.3857N.3941E.h5km,5km,MD2.7					
ISK	201:17:28.4.3844N.3925E.h5km,MD2.7					
ISC	201:17:29.4.0.7.3841N.004.3934E.004.h3km,5qkm,n11, c1907/19,Turkey					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	Res
ELZG	Elazig	0.29 288	iP	01 17 35.5	-0.6	
ELZG			iS	01 17 38.8	-0.1	
PTK	Pertek	0.49 5 PG	SG	01 17 38.1	-0.7	
PTK			SG	01 17 46.5	+1.5	
PTK	Pertek	0.49 5 ePg	SG	01 17 38.1	-0.7	
PTK			SG	01 17 46.5	+1.5	
MYA	Malataya	0.72 264	ePg	01 17 41.5	-1.8	
MYA			SG	01 17 52.9	+0.2	
MYA	Malataya	0.72 264	ePg	01 17 41.5	-1.8	
MYA			SG	01 17 52.9	+0.2	
DIYA	Diryabakir	0.78 128	iP	01 17 44.8	+0.4	
DIYA			iS	01 17 54.3	+0.5	
URFA	Urfa	1.05 203	ePg	01 17 49.9	+0.4	
URFA			PG	01 17 49.9	+0.4	
URFA	Urfa	1.05 203	ePg	01 17 49.9	+0.4	
URFA			PG	01 17 57.9	-0.3	
MARD	Mardin	1.58 133	iP	01 18 18.0	-1.2	
MARD			iS</			

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, ARCES ARCESS Array B, etc.

ISCJB 22 01:55:34.5:0.5, 3218S-002-7173W=006, h63km, 4km, mb4.6/23, Error ellipse: s-maj=8.4km s-min=3.2km az=174.3

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CHNG Los Chungos, PTCH Petorca, IHA Instituto Hidir, etc.

Table with columns: SIV, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like San Ignacio, NNA Nana, USHA Ushuaia, etc.

Table with columns: LZH, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Chengdu, STKA Stephens Creek, FITZ Fitzroy Crossi, etc.



Table of station data for 22d 3h, including columns for station name, frequency, power, and other technical details.

Table of station data for 2007 FEB, including columns for station name, frequency, power, and other technical details.

Table of station data for 772, including columns for station name, frequency, power, and other technical details.



ellipse: s-maj=17.5km s-min=6.8km az=121.4  
 NEIC 22 03:20:19.2±0.5, 1.10S; 127.21E, h2km, 1.8km, mb5.1/3.4,  
 Error ellipse: s-maj=9.7km s-min=5.1km az=60.0  
 GCMT 22 03:20:19.2±0.3, 1.00S; 127.36E, h18km, 1.1km, MW5.0/5.7,  
 Moment Tensor Solution. s29,c35; s57,c84; Duration:  
 0 Moment tensor: Scale 10<sup>16</sup>Nm; Mr=0.60±.21;  
 Mw=0.52±.13; Mw0.52±.17; Mw0.23±.36; Mw0.36±.12;  
 Mw-1.16±.42; Best double couple: M3.81600x10<sup>16</sup>  
 NP1.9±267.00000°, 671.00000°, -1.00000°. NP2:  
 69.360,00000°, 684.00000°, -1.161,00000°. Principal axes:  
 T 4.0140, P19.0000°, Azm132.0000°, N -0.3950,  
 P170.0000°, Azm18.0000°, P -3.6180, P181.0000°,  
 Azm225.0000°, nsta1 refers to body waves, cutoff=40s.  
 nsta2 refers to surface waves, cutoff=50s.

ISC 22 03:20:21.2±0.8, 1.11S; 004.12728E, h05.00, h40km, 7km,  
 h37km, 5.0km; pP-P, n167, c1916/161, mb5.0/70, MS3.9/15,  
 12C-16D, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MYLDM	Lahad Datu	10.77	306	Op	03 27 54.9	+2.0
TSM	Tawau	10.82	300	Pn	03 25 52.4	+1.3
SDKM	Sandakan	12.10	304	Pp	03 23 08.8	-2.3
KAKA	Kakadu	12.61	156	Pp	03 23 16.2	-1.9
					81nm, 0.5s	
KDM	Kudat	13.12	308	Pp	03 23 26.0	+0.8
KKM	Kota Kinabalu	13.13	303	ePn	03 23 24.4	+0.9
KKM	Kota Kinabalu	13.13	303	Pp	03 23 25.0	-0.3
BTM	Bintulu	14.82	287	Pp	03 23 48.8	+0.6
SBUM	Sibu	15.46	283	Pp	03 24 01.9	+5.3
FITZ	Fitzroy Crossi	16.96	185	Pp	03 24 15.3	-0.3
					42nm, 1.3s	
FITZ	Fitzroy Crossi	16.96	185	Pn	03 24 15.2	-0.4
					1.7nm, 0.3s, baz=26, slow=11, SNR=35	
FITZ				S	03 24 26.2	-5.8
					0.3nm, 0.3s, baz=292, slow=17, SNR=2.5	
KSM	Kuching	17.18	279	eP	03 24 16.8	-1.3
KSM	Kuching	17.18	279	Pp	03 24 17.9	-0.2
WRA	Warramunga Arr	19.95	160	Pn	03 24 48.2	-3.7
WRA				S	03 28 25.4	-6.9
WRA	Warramunga Arr	19.95	160	Pn	03 24 48.2	-3.6
					21nm, 0.6s, baz=341, slow=12, SNR=88	
WRA				S	03 28 25.4	-6.9
					14nm, 1.1s, baz=343, slow=21, SNR=6.8	
WRA				LR	03 32 53.5	
					comp=Z, 308nm, 21.4s, baz=350, slow=38	
WB2	Warramunga Arr	19.95	160	Pp	03 24 49.3	-2.6
COEN	Coenen	20.25	130	eP	03 24 54.4	+1.1
					12nm, 1.0s	
MBWA	Marble Bar	21.24	200	eP	03 25 03.2	-0.7
					85nm, 1.2s, mb5.0	
PMG	Port Moresby	21.43	113	eP	03 25 07.3	+1.2
PMG	Port Moresby	21.43	113	Pp	03 25 08.1	+2.1
PMG	Port Moresby	21.43	113	Pp	03 25 07.7	+1.7
					9.2nm, 0.6s, mb4.3, baz=312, slow=14, SNR=4.0	
GUMO	Guam	22.75	49	LR	03 32 39.3	
					comp=Z, 235nm, 19.6s, MS3.6, baz=254, slow=33	
ASAR	Alice Springs	23.32	164	P	03 25 25.2	-0.8
					20nm, 0.7s, mb4.7, baz=345, slow=11, SNR=148	
ASAR				S	03 29 33.0	-2.7
					3.4nm, 0.8s, baz=346, slow=19, SNR=5.3	
MYKOM	Kota Tinggi	23.60	277	Pp	03 25 29.7	+1.0
KGM	Kluang	24.15	277	Pp	03 25 32.9	-0.9
KTM	Kuala Trengganu	24.95	295	Pp	03 25 44.0	+2.9
FRIM	Kepong	25.00	280	Pp	03 25 53.8	+3.1
YHNB	Yeheng	26.26	348	eP	03 25 51.6	-1.1
QIZ	Qiongzong	26.34	320	P	03 25 50.0	-3.6
QIZ				S	03 30 22.4	-1.7
					comp=N, 343nm, 14.8s	
QIZ				LR	03 32 59.0	+4.3
					comp=Z, 327nm, 23.9s	
CTA	Charters Tower	26.46	137	Pp	03 25 59.0	+4.3
					comp=Z, 16nm, 0.7s, mb4.4	
CTA	Charters Tower	26.46	137	Pp	03 25 59.0	+4.3
					comp=Z, 16nm, 0.7s	
CTA	Charters Tower	26.46	137	Pp	03 25 56.9	+2.2
					comp=Z, 39nm, 1.1s, mb4.3, baz=315, slow=13, SNR=10	
CTAO	Charters Tower	26.46	137	eP	03 25 58.8	+4.2
					comp=Z, 60nm, 1.3s, mb5.0	
CTAO	Charters Tower	26.46	137	eP	03 25 58.8	+4.1
					comp=Z, 61nm, 1.3s, mb5.0	
IPM	Ipo	26.81	282	Pp	03 25 59.4	+1.5
OZH	Quanzhou	27.23	343	Pp	03 26 03.6	+2.1
					comp=Z, 360nm, 1.9s, mb5.6	
KZHM	Kulim	27.34	284	eP	03 26 01.1	-1.6
KZHM	Kulim	27.34	284	Pp	03 26 05.7	+3.0
JOW	Kunigami	27.80	2	P	03 26 06.5	+0.0
					comp=Z, 16nm, 0.6s, mb4.8, baz=164, slow=16, SNR=5.5	
PSI	Prapat	28.61	278	Pp	03 26 13.7	-0.3
					comp=Z, 14nm, 0.7s, mb4.9, baz=109, slow=4.9, SNR=14	
FORT	Forrest	29.51	179	eP	03 26 22.0	+0.2
					comp=Z, 47nm, 0.6s, mb5.4	
KLBR	Kellerberrin	31.62	196	eP	03 26 40.8	+0.4
					comp=Z, 12nm, 0.9s, mb4.9	
SSE	Sheshan	32.55	350	eP	03 26 46.6	-1.9
SSE				XP	03 27 00.8	-3.7
SSE				S	03 31 57.1	-4.1
SSE				ScS	03 37 14.9	-0.1
SSE				AMB		
					comp=Z, 7.0nm, 1.1s, mb4.5	
SSE				AMB		
					comp=Z, 111nm, 7.2s	
SSE				LR		
					comp=N, 13nm, 25.7s, MS3.5	
SSE				LR		
					comp=E, 113nm, 25.6s, MS3.5	
SSE	Sheshan	32.55	350	eP	03 26 46.6	-1.9
					comp=E, 7.0nm, 1.1s, mb4.5	
SSE				S	03 27 00.7	-3.8
SSE				S	03 31 57.1	-4.1
SSE				S	03 32 13.4	-6.4
SSE				ScS	03 37 14.9	-0.1
SSE				LR		
					comp=Z, 120nm, 29.2s, MS3.4	
STKA	Stephens Creek	33.45	158	eP	03 26 55.1	-1.4
					comp=Z, 24nm, 0.9s, mb4.1	
STKA	Stephens Creek	33.45	158	Pp	03 26 57.0	+0.5
					comp=Z, 11nm, 0.7s, mb4.9, baz=332, slow=8.7, SNR=28	
STKA				LR	03 42 11.4	
					comp=Z, 255nm, 20.4s, MS3.9, baz=93, slow=39	
WHN	Wuhan	33.80	340	Pp	03 27 01.3	+1.8
WHN				AP	03 27 12.8	+2.1
CHTO	Chiang Mai	34.16	307	eP	03 27 02.0	-0.8
					comp=Z, 6.3nm, 0.8s, mb4.6	
CHTO	Chiang Mai	34.16	307	eP	03 27 02.0	-0.8
					comp=Z, 6.0nm, 0.8s, mb4.6	
KMI	Kunming	35.28	319	Pp	03 27 14.0	+1.6
					comp=Z, 31nm, 1.6s, mb5.0	
KMI				LR		
					comp=Z, 140nm, 27.0s, MS3.6	
KMI	Kunming	35.28	319	Pp	03 27 14.0	+1.6
					comp=Z, 31nm, 1.6s, mb5.0	
KMI				MLR		
					comp=Z, 140nm, 27.0s, MS3.6	
ARMA	Armidale	37.00	144	eP	03 27 30.6	+1.9
					comp=Z, 0.3nm, 0.7s	
KSR5	Korea Array	38.38	1	P	03 27 37.9	-0.7
					comp=Z, 0.8nm, 0.5s, baz=173, slow=10.0, SNR=9.4	
KSR5				LR	03 45 30.9	
					comp=Z, 132nm, 18.7s, MS3.8, baz=345, slow=40	
MAT	Matsushiro	38.82	14	P	03 27 40.3	-1.9
MJAR	Matsushiro Arr	38.82	14	Pp	03 27 40.9	-1.3
					comp=Z, 2.8nm, 0.5s, mb4.2, baz=195, slow=9.0, SNR=8.0	
XAN	Xi'an	38.99	335	Pp	03 27 43.4	-0.3
XAN				AP	03 27 53.9	-1.1
XAN				AMB		
					comp=Z, 28nm, 0.7s, mb5.1	
CNB	Camberra Magne	39.76	151	eP	03 27 53.7	+3.6
					comp=Z, 15nm, 1.1s, mb4.8	
TOO	Toolangi	39.98	157	eP	03 27 54.4	+2.5
					comp=Z, 11nm, 0.8s, mb4.7	
TOO	Toolangi	39.98	157	eP	03 27 54.4	+2.5
					comp=Z, 11nm, 0.8s, mb4.6	
TOO				Pmax		
					comp=Z, 11nm, 0.8s, mb4.6	
BJT	Baijiaou	42.17	347	eP	03 28 09.7	-0.2
					comp=Z, 22nm, 0.7s, mb4.9	
BJT	Baijiaou	42.17	347	eP	03 28 09.7	-0.2

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BJT	Beijing	42.19	347	P	03 28 09.8	-0.3
				LR		
					comp=Z, 22nm, 0.7s	
BJJ	Beijing	42.19	347	P	03 28 09.7	-0.4
				LR		
					comp=Z, 68nm, 22.3s, MS3.5	
BJJ	Beijing	42.19	347	P	03 28 09.7	-0.4
				LR		
					comp=Z, 70nm, 22.3s, MS3.5	
LZH	Lanzhou	42.97	332	Pp	03 28 17.5	+1.1
LZH				AP	03 28 17.5	+1.1
LZH				XP	03 28 31.0	-1.6
LZH				AMB		
					comp=Z, 62nm, 1.5s, mb5.1	
LZH	Lanzhou	42.97	332	Pp	03 28 17.5	+1.1
				AMB		
					comp=Z, 388nm, 4.7s	
LZH	Lanzhou	42.97	332	Pp	03 28 17.5	+1.1
				AMB		
					comp=Z, 62nm, 1.5s, mb5.1	
LZH	Lanzhou	42.97	332	Pp	03 28 27.0	-0.8
LZH				AP	03 28 27.0	-0.8
LZH				XP	03 28 31.0	-1.6
LZH				AMB		
					comp=Z, 62nm, 1.5s, mb5.1	
LZH	Lanzhou	42.97	332	Pp	03 28 27.0	-0.8
				XP	03 28 31.0	-1.6
				Pmax		
					comp=Z, 62nm, 1.5s, mb5.1	
SHL	Hu-ho-hao-te	43.29	310	eP	03 28 20.0	+0.8
HHC				P	03 28 25.6	-0.2
		</				



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like THKV Tehran-Karaj, CHTH Charan, CHTH Charan, etc.

ICD 22:05:39:08.0, 0.7, 1372N:121.18E, h0km, mb4.1/10, mb1 4.2/10, mb1mx4.0/21, mb1mp4.1/10, Error ellipse: s-maj=71.1km, s-min=15.2km, az=66.0

MAN 22:05:39:25.1359N:120.68E, h16km, mb4.3, ML3.1, MS2.9, NEIC 22:05:39:26.34.1, 1346N:120.76E, h159km, mb4.2, MB2/11, Error ellipse: s-maj=24.0km, s-min=5.4km, az=63.0

ISC 22:05:39:25.2, 0.3, 1350N:004:12074E:006, h146km, 3km, n43, c094/44, mb4.0/21, 2C-1D, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LUBP Lubang, TGY Tagaytay City, BOAC Boac, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, FINES FINES Array B, etc.

CSEM 22:05:51:40.8, 0.2, 3839N:39.23E, h15km, MD2.9, Error ellipse: s-maj=4.4km, s-min=3.9km, az=149.0

ISCJB 22:05:51:41.6, 0.5, 3836N:003:39.24E:003, h5km, Error ellipse: s-maj=4.6km, s-min=3.5km, az=178.0

ISC 22:05:51:42.6, 0.7, 3837N:004:39.26E:005, h4km, 6km, n16, c081/25, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELZG Elazig, PTK Pertek, PTK Pertek, etc.

BUI 22:05:59:05.8, 9.66S:151.56E, h46km, mB5.2, mb4.7, Ms24.6, MOS 22:05:59:07.4, 1.0, 954S:150.93E, h33km, mb4.9/13, Error ellipse: s-maj=10.4km, s-min=9.4km, az=98.0

ISCJB 22:05:59:08.1, 1.4, 962S:006:150.99E:006, h42km, 12km, mb4.6/37, MS3.9/12, Error ellipse: s-maj=10.7km, s-min=9.4km, az=144.1

GCMT 22:05:59:10.4, 0.3, 966S:151.13E, h12km, MW4.9/69, Moment Tensor Solution, s23, c28; s69, c109; Duration: 0

NEIC 22:05:59:10.4, 0.8, 960S:151.00E, h51km, 7km, mb4.7/22, Error ellipse: s-maj=7.8km, s-min=6.7km, az=162.0

ICD 22:05:59:11.3, 2.4, 963S:150.95E, h57km, 21km, mb4.3/10, mb1 4.5/15, mb1mx4.1/8, mb1mp4.4/15, ML4.1/5, MS3.9/14, Ms1 3.9/14, ms1mx3.7/20, Error ellipse: s-maj=18.1km, s-min=17.0km, az=141.0

ISC 22:05:59:10.4, 1.1, 962S:007:150.98E:006, h48km, 10km, n159, c099/93, mb4.6/37, MS3.9/12, 3C-5D, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, etc.

ICD 22:05:59:11.3, 2.4, 963S:150.95E, h57km, 21km, mb4.3/10, mb1 4.5/15, mb1mx4.1/8, mb1mp4.4/15, ML4.1/5, MS3.9/14, Ms1 3.9/14, ms1mx3.7/20, Error ellipse: s-maj=18.1km, s-min=17.0km, az=141.0

ISC 22:05:59:10.4, 1.1, 962S:007:150.98E:006, h48km, 10km, n159, c099/93, mb4.6/37, MS3.9/12, 3C-5D, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, COEN Coen, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SSE Sese, QIZ Qiongzong, KRSR Kora Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Wyandotte Cave, Las Campanas, Bergjesshubel, etc.

WEL 22 06:01:02.0±0.6, 3607S, 17845E, h33km, ML3.5/5, Error ellipse: s-maj=7.5km s-min=4.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Matakaoa Point, Puketiti, Matawai, etc.

NAO 22 06:02:46.8, 3991N, 1315E, h33km, mb3.7
UPP 22 06:02:50.1, 3867N, 1499E, h34km
PRU 22 06:02:57.5, 3977N, 1516E, h0km, M4.3
SZGRF 22 06:02:58.2, 3954N, 1581E, h33km, Southern Italy
ROM 22 06:03:04.2±0.2, 3999N, 1556E, h302km, 3km, M4.0/8.0
Error ellipse: s-maj=3.0km s-min=2.5km az=8.0
NEIC 22 06:03:04.2, 3999N, 1556E, h302km, mb4.3/64, After ROM.
PDG 22 06:03:04.5±1.1, 4004N, 1546E, h300km, 4km, ML4.3/10, Error ellipse: s-maj=1.6km s-min=2.4km az=0.0
LDG 22 06:03:05.3±0.2, 4005N, 1548E, h280km, Mb4.2/31, Error ellipse: s-maj=8.6km s-min=6.0km az=33.0
ISCJB 22 06:03:06.6±0.1, 3949N, 091.1, 1545E, 002, h290km, 1km, mb4.0/21, Error ellipse: s-maj=2.3km s-min=1.9km az=22.8
CSEM 22 06:03:06.6±0.0, 3999N, 1544E, h280km, mb4.0/3, ML4.4/19, Error ellipse: s-maj=1.0km s-min=0.8km az=17.0
MOS 22 06:03:06.8±1.0, 4000N, 1539E, h293km, mb4.3/11, Error ellipse: s-maj=4.3km s-min=2.5km az=105.8
IDC 22 06:03:08.2±0.7, 4009N, 1539E, h292km, 7km, mb3.7/17, mb1.3/8/31, mb1mx3.8/36, mbtmp3.7/31, Error ellipse: s-maj=9.0km s-min=7.7km az=63.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Bulgheria - Ca, Morigerati, Campora, Montesano sull, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Sicignano, Terranova Siba, Muro Lucano, Oriolo Calabro, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Placanca, Roccamonfina, Monte Sant'Ang, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HVZN, FIAM, RAFF, CAMP, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MAON, UPM, ARCI, JAN, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KKB, SOH, LJU, etc.

Table with columns: Code, Name, Value, Unit, Date, and other parameters. Includes entries like SMRF Simiane la Rot, PRK Parakevi, APE Apeiranthos, etc.

Table with columns: Code, Name, Value, Unit, Date, and other parameters. Includes entries like BRG Berggiesshobel, EIBI Ibiza, MOX Moxa, etc.

Table with columns: Code, Name, Value, Unit, Date, and other parameters. Includes entries like EQES Quesada, EQES Quesada, EBER Berja, etc.







Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELZG Elazig, PTK Pertek, MALT Malatya, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, URZ Urewhera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GKN, KKN, JIRN, TAPN, AKTK, AKTO, ODAN, ZAL, ZALV, SONM, BRTR, ATD, YKA, etc.

IDC 22 08:47:53.9.3.2, 2909S-17803W, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.7/14, mbtmp3.8/4, MS3.1/1, Ms1 3.1/1, ms1m0x2.8/12, Error ellipse: s-maj=137.2km, s-min=46.8km az=160.0, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA, STKA, ASAR, WRA, FINES, AKASG, etc.

IDC 22 08:50:43.4.36.0, 1557S-17608E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/14, mbtmp3.9/4, Error ellipse: s-maj=62.4km s-min=71.6km az=68.0

NEIC 22 08:51:25.0.6.4, 1778S-1721E, h35km, Error ellipse: s-maj=125.0km s-min=29.8km az=107.0

ISC 22 08:52:06.7.4.5, 183S-02-1670E-05, h35km, n6, 0990/7, mb3.7/3, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, NOUC, STKA, WRA, ASAR, etc.

ISC 22 08:55:51.9, 3840N-3921E, h5km, MD2.8, CSEM 22 08:55:52.0.3.1, 3843N-3920E, h20km, MD2.8, Error ellipse: s-maj=7.5km s-min=4.3km az=121.0

ISCJB 22 08:55:53.8.1.0, 3845N-007.3919E-009, h26km, 12km, Error ellipse: s-maj=14.8km s-min=7.0km az=41.3

ISC 22 08:55:53.8.1.0, 3844N-006-3920E-009, h26km, 12km, n9, 0981/18, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELZG, PTK, MYA, MALT, etc.

MAN 22 09:04:19, 1239N-12372E, h21km, mb3.5, ML2.2, MS1.7, IC-10, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMPH, RCP, OCLP, OTRP, PLP, GUM, etc.

ISCJB 22 09:13:28.6.1.0, 5350N-008-879E-02, h10km, mb4.4/1, Error ellipse: s-maj=13.1km s-min=8.1km az=9.3

MOS 22 09:13:28.4.1.3, 5346N-8781E, h10km, mb4.4/1, Error ellipse: s-maj=46.5km s-min=31.1km az=126.6

IDC 22 09:13:29.1.1.8, 5356N-8774E, h0km, mb4.4/1, mb1 3.8/3, mb1mx3.3/23, mbtmp3.6/3, ML2.9/2, Error ellipse: s-maj=18.4km s-min=13.6km az=69.0

ISC 22 09:13:30.8.1.0, 5359N-008-878E-02, h10km, n9, 09109/10, mb4.4/1, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV, ZAL, NVS, MKAR, etc.

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

IDC 22 09:17:47.7.0.7, 1672S-173.17W, h0km, mb4.1/1, mb1 4.3/2, mb1mx4.3/19, mbtmp4.1/12, MS4.2/12, Ms1 4.2/12, ms1mx4.0/21, Error ellipse: s-maj=26.2km s-min=14.3km az=38.9

ISCJB 22 09:17:48.1.0.6, 1649S-008-1732W-0.1, h15km, mb4.0/11, MS4.3/10, Error ellipse: s-maj=17.0km s-min=7.3km az=38.9

NEIC 22 09:17:50.1.0.6, 1657S-173.18W, h15km, mb4.1/1, Error ellipse: s-maj=19.3km s-min=11.5km az=129.0

ISC 22 09:17:48.5.3.3, 1652S-008-1732W-0.1, h0km, n40, 09102/22, mb4.0/11, MS4.3/11, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI, FUNA, DZM, PPT, URZ, HNR, RPZ, TAOE, etc.

ISCJB 22 09:59:45.0.7.0, 6470N-002-303E-0.1, h0km, Error ellipse: s-maj=6.3km s-min=3.3km az=9.0

HEL 22 09:59:48.4.0.5, 6481N-3070E, h0km, ML2.2, Explosion, IDC 22 09:59:49.2.2.4, 6477N-3054E, h0km, mb1 3.1/4, mb1mx2.9/22, mbtmp3.0/4, ML2.5/4, Error ellipse: s-maj=35.7km s-min=8.2km az=101.0

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

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

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

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

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YKA, ULM, LPAZ, ROSC, AKASG, etc.

ISC 22 09:28:34.7, 3844N-3919E, h5km, MD2.7, ISCJB 22 09:28:35.1.2.2, 3839N-006-3925E-007, h10km, Error ellipse: s-maj=9.6km s-min=5.6km az=135.6

CSEM 22 09:28:35.1.0.2, 3843N-3920E, h10km, MD2.7, Error ellipse: s-maj=4.6km s-min=2.4km az=129.0

ISC 22 09:28:35.7.1.3, 3840N-008-3923E-010, h13km, 23km, n9, 0955/16, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELZG, PTK, MYA, MALT, etc.

ISC 22 09:43:32.6, 3956N-4277E, h12km, MD2.8, CSEM 22 09:43:33.9.0.2, 3950N-4290E, h7km, 1km, MD3.0, Error ellipse: s-maj=3.6km s-min=3.9km az=113.0

ISCJB 22 09:43:35.3.0.6, 3946N-004-4295E-005, h9km, 5km, Error ellipse: s-maj=6.9km s-min=6.2km az=32.1

DDA 22 09:43:35.6, 3951N-4289E, h3km, Md3.0, ISC 22 09:43:35.2.0.6, 3948N-004-4293E-006, h13km, 4km, n14, 0998/20, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AGRB, TUTA, DYND, CLDR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLDR, VANB, DIGO, TVAN, etc.

ISCJB 22 09:52:43.5.1.4, 3834N-007-3933E-008, h10km, Error ellipse: s-maj=10.1km s-min=8.7km az=158.6

CSEM 22 09:52:43.8.0.2, 3840N-3927E, h10km, MD2.8, Error ellipse: s-maj=5.9km s-min=3.8km az=128.0

ISK 22 09:52:43.6, 3841N-3925E, h2km, MD2.8, ISC 22 09:52:44.0.1.4, 3836N-007-3934E-008, h10km, n9, 0963/14, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELZG, PTK, MALT, MYA, etc.

ISCJB 22 09:59:45.0.7.0, 6470N-002-303E-0.1, h0km, Error ellipse: s-maj=6.3km s-min=3.3km az=9.0

HEL 22 09:59:48.4.0.5, 6481N-3070E, h0km, ML2.2, Explosion, IDC 22 09:59:49.2.2.4, 6477N-3054E, h0km, mb1 3.1/4, mb1mx2.9/22, mbtmp3.0/4, ML2.5/4, Error ellipse: s-maj=35.7km s-min=8.2km az=101.0

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KU6, MAASELKA, MSF, JOF, etc.

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OUL, SUG, SGF, KAF, etc.

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

ISC 22 09:59:47.0.7.0, 6475N-002-304E-0.1, h0km, n15, 09157/29, Finland-Karelia border region

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

ISC 22 10:03:57.5.0.9, 135S-12666E, h0km, mb4.0/7, mb1 4.1/8, mb1mx4.0/18, mbtmp4.0/8, ML4.1/1, MS3.6/1, Ms1 3.5/1, ms1m0x2.8/12, Error ellipse: s-maj=88.0km s-min=16.7km az=69.0, Southern Molucca Sea

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

ISC 22 10:28:45.8.0.1, 3838N-3907E, h8km, MD3.0, Error ellipse: s-maj=2.3km s-min=1.7km az=158.0

NEIC 22 10:28:45.9, 3839N-3906E, h7km, MD3.0, (ISK), After ISK, ISCJB 22 10:28:46.2.0.6, 3837N-004-3910E-003, h11km, 8km, Error ellipse: s-maj=6.3km s-min=4.1km az=10.5

ISK 22 10:28:46.0, 3840N-3905E, h8km, MD3.0, DDA 22 10:28:48.3, 3840N-3910E, h8km, MD3.1, ISC 22 10:28:47.0.0.5, 3840N-004-3908E-003, h8km, 6km, n28, 0995/37, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELZG, MALT, MYA, PTK, etc.

Table with columns: DIV, Diyarbakir, 1.03 119 Pg Pg, 10 29 06.1 -0.8, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: MEF, Metsahovi, 1.61 304 eP Pn, 10 40 44.4 +1.0, etc.

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

BUI 22 11:13:30.9, 3.46N, 95.43E, h30km, mb4.7, Error ellipse: s-maj=16.7km s-min=9.6km az=221.0

ISCBJ 22 11:13:44.1, 1.9, 4.52N, 0.09, 95.45E, 0.10, h77km, 18km, mb4.1/2.0, Error ellipse: s-maj=17.7km s-min=12.6km az=148.6

ICD 22 11:13:45.8, 3.2, 4.48N, 95.40E, h80km, 30km, mb3.8/13, mb1.3/9.14, ms1mx3.7/24, mbtmp3.8/14, MS3.4/1, MS1.3/4.1, ms1mx3.0/28, Error ellipse: s-maj=27.7km s-min=14.7km az=50.0

ISC 22 11:13:45.7, 1.6, 4.48N, 0.08, 95.45E, 0.11, h76km, 16km, n39, 083/40, mb4.1/2.0, 8C-4D, Northern Sumatara

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 22 10:53:08.4, 2.0, 9.90S, 0.10, 78.9W, 0.2, h70km, 18km, mb3.7/7, Error ellipse: s-maj=33.8km s-min=10.0km az=157.1

ISC 22 10:53:10.6, 2.7, 9.95S, 78.83W, h75km, 24km, mb3.5/7, mb1.3/8.11, mb1mx3.7/20, mbtmp3.6/11, Error ellipse: s-maj=39.4km s-min=13.5km az=68.0

ISC 22 10:53:10.5, 1.9, 9.86S, 0.10, 78.8W, 0.2, h71km, 17km, n13, 091/13, mb3.7/7, Near coast of northern Peru

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 22 11:18:11.8, 2.1, 7.3S, 0.1, 156.19E, 0.07, h56km, 21km, mb4.3/1.0, MS3.5/6, Error ellipse: s-maj=21.2km s-min=11.3km az=174.6

ISC 22 11:18:15.2, 7.51S, 156.19E, h79km, 26km, mb4.0/7, mb1.4/0.10, mb1mx4.0/16, mbtmp4.0/10, MS3.5/10, Ms1.3.5/10, ms1mx3.4/25, Error ellipse: s-maj=25.0km s-min=16.2km az=178.0

ISC 22 11:18:14.8, 1.6, 7.4S, 0.1, 156.20E, 0.07, h74km, 18km, n23, 0570/16, mb4.2/1.0, Bougainville - Solomon Islands region

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2007 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC



Table with columns: LPAZ, La Pazz, PKP, PKPdf, TORDi, Torodi Ar, Be, TOR, etc. Includes station names and coordinates.

DDA 22 11:33:04.0, 3856N-3938E, h7km, Md2.8
CSEM 22 11:33:05.0, 1, 3842N-3917E, h15km, MD2.7, Error ellipse: s-maj=4.1km s-min=2.6km az=130.0

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

DDA 22 11:36:22.1, 3869N-3940E, h1km, Md2.5
ISCJB 22 11:36:25.0, 8, 3839N-3925E, h9km, 1.8km, Error ellipse: s-maj=15.5km s-min=5.8km az=43.0

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

CSEM 22 11:42:37.9, 0.1, 3841N-3930E, h6km, 2km, MD2.8, Error ellipse: s-maj=3.3km s-min=2.9km az=136.0

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

NIED 22 11:58:00, 4660N-15310E, h20km, Mw4.5 Best double couple: M6.23000-1015 NP1.35, 00000-834, 00000-1, 60, 00000- NP2.25, 00000-861, 00000-1, 109, 00000-0

NEIC 22 11:58:03.6, 0.3, 4692N-15266E, h10km, mb4.7/40, Error ellipse: s-maj=8.8km s-min=5.0km az=153.0

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

Table with columns: KUR, comp=E, 110nm, 0.5s, etc. Includes station names and coordinates.

SKR Severo-Kuril'sk 4.57 29 eP Sn 11 59 15.1 -1.3

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

NEM2 Nemuro 2 5.95 238 P Sn 11 59 34.6 -0.8

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

JMP Maruseppu 7.11 251 P Pn 11 59 53.6 +2.5

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

JAW Ashorobito 7.19 245 P Pn 11 59 53.7 +1.5

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

JAW Ashorobito 7.19 245 P Pn 11 59 53.7 +1.5

Table with columns: MAT, MDJ, Mudanjiang, etc. Includes station names and coordinates.

CN2 Changchun 19.36 271 eP Pn 12 02 29.8 -2.0

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

YAK Yakutsk 20.19 328 eP P 12 02 39.0 0.0

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

JNU Nakatsue 21.45 238 P P 12 02 54.6 +1.8

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

BIL Bilbino 22.49 13 eP P 12 03 04.9 +1.4

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

BIL Bilbino 22.49 13 eP P 12 03 04.9 +1.4







ASAR Alice Springs 52.81 130 P P 14 50 48.2 +0.6
STKA Stephens Creek 60.3 134 P P 14 51 57.1 -2.0
NVAR Mina Array Bea 123.90 29 PKP PKPdf 15 00 29.8 -0.4

ISCJB 22 14:49:43.0:0.6, 5337N:008:1722E:0.1, h10km, mb4.1/13,
Error ellipse: s-maj=13.1km s-min=7.7km az=32.0
IDC 22 14:49:43.1:0.8, 5319N:1722E:0.1, h10km, mb3.9/11,

Code Station Name A° AZ° Phase ID Time Res
SMY Shemya 1.23 115 Op Pn 14 50 08.3 +0.3
SMY Shemya 1.23 115 S Pn 14 50 25.1 +1.0
AMKA Amchitka 4.71 111 P Pn 14 50 55.9 +0.1

IDC 22 14:56:15.5:2.1, 3075N:13941E, h0km, mb3.4/4,
mb1 3.6/4, mb1mx3.4/20, mbtmp3.4/4, MS3.5/1, Ms1 3.5/1,

Code Station Name A° AZ° Phase ID Time Res
MJAR Matsushiro Arr 5.87 350 Op Pn 14 57 37.3 -6.5
SONM Songoing Array 30.42 314 P Pn 15 02 30.4 +0.9
SONM Songoing Array 30.42 314 LR LR 15 05 06.8

INMG 22 15:09:29.7:0.9, 3615N:792W, h31km, ML1.6, Error
ellipse: s-maj=6.0km s-min=4.8km az=33.0
MDD 22 15:09:29.3:1.9, 3615N:790W, h41km, 56km, mb3.7/4,

Code Station Name A° AZ° Phase ID Time Res
PBVD Barranco-do-Ve 1.09 359 eP Pn 15 09 47.5 -0.5
PBVD Barranco-do-Ve 1.09 359 eS Sn 15 10 01.3 -0.6
PBVD Barranco-do-Ve 1.09 359 S Pn 15 09 47.5 -0.5

IDC 22 15:21:01.3:2.1, 1858S:17750E, h0km, mb3.7/3,
mb1 4.2/4, mb1mx3.8/14, mbtmp4.1/4, ML3.1/1, Error
ellipse: s-maj=153.2km s-min=33.0km az=159.0, Fiji

Code Station Name A° AZ° Phase ID Time Res
AFI Afiamalu 11.30 67 Op Pn 15 23 44.2 +0.1
STKA Stephens Creek 34.91 241 P Pn 15 27 54.9 +0.1

WRA Warramunga Arr 40.69 261 P P 15 28 43.8 -0.1
ASAR Alice Springs 40.86 255 P P 15 28 45.2 -0.1
ISCJB 22 15:48:07.6:1.9, 794S:009:1293E:0.1, h93km, 20km,
mb4.0/8, Error ellipse: s-maj=21.6km s-min=12.5km

Code Station Name A° AZ° Phase ID Time Res
KAKA Kakadu 15.39 146 eP Pn 15 49 31.7 +0.1
KAKA Kakadu 15.39 146 S Pn 15 50 33.2 +0.5
FITZ Fitzroy Crossi 10.45 200 eS Sn 15 50 40.0 +0.6

ISCJB 22 15:55:32.0:0.7, 3981N:005:3303E:0.05, h10km, Error
ellipse: s-maj=8.3km s-min=4.1km az=34.8
CSEM 22 15:55:31.3:0.2, 3983N:3305E, h10km, MD3.0, Error
ellipse: s-maj=7.2km s-min=3.1km az=26.0

Code Station Name A° AZ° Phase ID Time Res
ANTO Ankara 0.18 282 iPG Pp 15 55 35.9 -0.5
ANTO Ankara 0.18 282 iSG Pp 15 55 39.3 +0.3
ANTO Ankara 0.18 282 iS Pp 15 55 35.9 -0.5

MOS 22 16:13:32.7:1.2, 3638N:2696E, h122km, mb4.0/11, Error
ellipse: s-maj=8.7km s-min=4.7km az=128.3
CSEM 22 16:13:34.6:0.0, 3664N:2725E, h140km, mb4.0/4, Mw3.5,

Code Station Name A° AZ° Phase ID Time Res
DAT Datca 0.39 66 iPG Pp 16 13 55.6 +0.3
DAT Datca 0.39 66 iSG Sn 16 14 09.0 -0.8
DAT Datca 0.39 66 iPG Pp 16 13 55.6 +0.3

CHOS Chios island 2.01 335 ePb Pn 16 14 10.0 -0.4
CHOS Chios island 2.01 335 eSb Sn 16 14 31.9 -4.9
CHOS Chios island 2.01 335 ePb Pn 16 14 10.0 -0.5

Code Station Name A° AZ° Phase ID Time Res
KAKA Kakadu 15.39 146 eP Pn 15 49 31.7 +0.1
KAKA Kakadu 15.39 146 S Pn 15 50 33.2 +0.5
FITZ Fitzroy Crossi 10.45 200 eS Sn 15 50 40.0 +0.6

ISCJB 22 15:55:32.0:0.7, 3981N:005:3303E:0.05, h10km, Error
ellipse: s-maj=8.3km s-min=4.1km az=34.8
CSEM 22 15:55:31.3:0.2, 3983N:3305E, h10km, MD3.0, Error
ellipse: s-maj=7.2km s-min=3.1km az=26.0

Code Station Name A° AZ° Phase ID Time Res
ANTO Ankara 0.18 282 iPG Pp 15 55 35.9 -0.5
ANTO Ankara 0.18 282 iSG Pp 15 55 39.3 +0.3
ANTO Ankara 0.18 282 iS Pp 15 55 35.9 -0.5

MOS 22 16:13:32.7:1.2, 3638N:2696E, h122km, mb4.0/11, Error
ellipse: s-maj=8.7km s-min=4.7km az=128.3
CSEM 22 16:13:34.6:0.0, 3664N:2725E, h140km, mb4.0/4, Mw3.5,

Code Station Name A° AZ° Phase ID Time Res
DAT Datca 0.39 66 iPG Pp 16 13 55.6 +0.3
DAT Datca 0.39 66 iSG Sn 16 14 09.0 -0.8
DAT Datca 0.39 66 iPG Pp 16 13 55.6 +0.3

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FNA Florida, RCY Rachaya, KSDI Kefar Szold, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ESLSA Sonseca Array, ESLSA Sonseca Array, SGFM Saint Giles, etc.















Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AVNT Avonos, ARNB Al Arnab, SLNF Slenfeh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TR1 9.54 190, HMAT Matruh, AKASG Malin Array Be, etc.

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









Table with columns: GERS, GERS Array B, 147.84, 352, PKPbc, PKPbc, 21 55 42.5 +0.6, etc.

ISCJB 22 21:43:28.7,0.4, 3644N:003; 71 23E:0.06, h225km, 5km, mb3.5/8, Error ellipse: s-maj=7.8km s-min=4.5km az=156.2

MOS 22 21:43:29.0,0.9, 3650N:71 10E, h226km, mb3.6/5, Error ellipse: s-maj=21.1km s-min=10.3km az=88.5

BUI 22 21:43:30.9, 3629N:71 43E, h199km, mb4.2, NNC 22 21:43:31.4, 3.9, 3713N:69.95E, h0km, mb3.8, mpv3.2, Error ellipse: s-maj=31.8km s-min=28.7km az=130.0

NEIC 22 21:43:32.0, 2.0, 3668N:71 23E, h226km, 16km, mb4.0/7, Error ellipse: s-maj=23.2km s-min=11.6km az=213.0

ISC 22 21:43:32.9, 3.2, 3649N:71 32E, h261km, 31km, mb3.2/7, mb1.3/4/10, mb1mx3.1/23, mbtmp3.0/10, Error ellipse: s-maj=49.3km s-min=14.1km az=134.0

ISC 22 21:43:30.0, 0.4, 3647N:03.7, 7136E:0.06, h232km, 6km, mb2.1/15/7.9, mb3.5/8, 5C-3D, Afghanistan-Tajikistan border region

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

Table with columns: KURK, KURK, 15.17, 18, eP, Pn, 21 46 52.6 -0.1, etc.

ISC 22 21:58:34.9, 2.3, 234N:12643E, h0km, mb3.3/3, mb1.3/5/3, mb1mx2.7/1, mbtmp3.0/3, Error ellipse: s-maj=23.8km s-min=24.0km az=66.0, Northern Molucca Sea

WRA Warramunga Arr 81.72 122 P P 21 55 23.3 +0.5

WRA Warramunga Arr 81.72 122 P P 21 55 23.3 +0.5

WRA Warramunga Arr 23.46 161 Op P 22 03 45.9 -0.5

ASAR Alice Springs 26.85 165 P P 22 04 17.6 +0.2

MKAR Makanchi Array 58.53 326 P P 22 08 33.3 +0.2

MEX 22 22:00:23.2, 0.6, 1832N:9935W, h52km, 7km, MD3.5, Guerrero

PLIG Platanillo 0.16 296 Op P 22 00 35.9 -1.4

MEIG Mezcala 0.47 213 Op P 22 00 32.6 -1.6

CAIG El Cayaco 1.54 215 Op P 22 00 47.0 -1.3

ACAP Acapulco 1.55 201 Op P 22 01 07.0 -0.3

ISC 22 22:11:40.0, 0.9, 1708S:17284W, h0km, mb3.8/6, mb1.4/2/6, mb1mx4.0/16, mbtmp3.8/6, Error ellipse: s-maj=59.2km s-min=20.3km az=153.0, Tonga Islands region

AFI Afiamalu 3.31 18 Pn Pn 22 12 28.1 -5.1

STKA Stephens Creek 43.69 242 P P 22 19 48.1 +1.2

WRA Warramunga Arr 50.01 258 P P 22 20 35.2 -1.3

ASAR Alice Springs 50.13 253 P P 22 20 36.4 -1.0

NVAR Mina Array Bea 75.22 41 P P 22 23 24.7 +0.1

TXAR Lajitas Array 81.10 56 P P 22 23 57.6 +0.1

PDAR Pinedale Array 83.15 15 P P 22 24 07.5 -0.4

Table with columns: MYA, Malataya, 0.67, 268, PG, Pg, 22 15 03.2 -0.7, etc.

ISC 22 22:15:27.3, 2.0, 3490S:17968W, h0km, mb4.0/2, mb1.4/2/3, mb1mx3.9/12, mbtmp4.0/3, ML3.8/1, Error ellipse: s-maj=46.5km s-min=44.0km az=56.0

ISC 22 22:15:34.7, 2.4, 3505S:03:1800E, h37km, 46km, n10, az=36/13, mb3.8/2, South of Kermadec Islands

MXZ Matakaoa Point 2.92 207 Op Pn 22 16 18.2 -0.4

MZU Muzon 3.40 204 Op Pn 22 16 25.1 -0.1

WRA Warramunga Arr 42.81 278 Op P 22 23 28.5 -0.6

NEIC 22 22:39:59.8, 1.2, 1692N:9509W, h114km, MD4.2, Oaxaca

TUIG Tuzandepetl 1.28 30 Op Pn 22 40 22.8 -1.5

HUIG Huatulco 1.50 221 Op Pn 22 40 25.1 -1.8

OAX Oaxaca 1.57 276 Op Pn 22 40 26.8 -1.8

TPIG Tehuacan 2.63 305 Op Pn 22 40 41.0 -0.8

UTMO Huajuapam 2.75 290 Op Pn 22 40 43.2 -0.2

CCIG Comitán 2.90 102 Op Pn 22 40 43.3 -0.3

PNIG Pinotepa 2.96 260 Op Pn 22 41 17.3 -1.8

LVIG Laguna Verde 3.06 336 Op Pn 22 40 43.2 -3.5

PPM Popocatepetl 3.99 303 Op Pn 22 41 47.5 +2.6

MEIG Mezcala 4.44 284 Op Pn 22 41 05.4 +0.3

PLIG Platanillo 4.46 290 Op Pn 22 41 05.9 +0.5

ACAP Acapulco 4.62 270 Op Pn 22 41 53.5 -6.7

CAIG El Cayaco 4.96 272 Op Pn 22 42 10.6 -1.5

CSEM 22 22:55:33.9, 0.2, 3720N:3445E, h5km, MD3.1, Error ellipse: s-maj=5.7km s-min=4km az=93.0

ISC 22 22:55:34.0, 3720N:3441E, h5km, MD3.1, Error ellipse: s-maj=5.7km s-min=4km az=93.0

ISCJB 22 22:55:35.0, 2.0, 3718N:003:344E, h0km, 8km, Error ellipse: s-maj=11.3km s-min=5.1km az=174.8

DDA 22 22:55:35.2, 37.17N:34.53E, h5km, 3km, MD3.1, Error ellipse: s-maj=11.3km s-min=5.1km az=174.8

ISC 22 22:55:35.7, 0.9, 3718N:003:344E, h0km, 7km, n11, az=83/20, Turkey

MERS Mersin 0.31 170 Op Pn 22 55 47.4 +1.3

MERS Mersin 0.31 170 Op Pn 22 55 47.4 +1.3

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

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

CSEM 22 23:42:37.0-0.1, 3836N, 3924E, h2km, MD2.9, Error ellipse: s-maj=2.8km s-min=1.9km az=173.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELZG, PERTEK, MALTA, MYA, DIYARBAKIR, URFU, BINT, ATAB, ERZINCAN, MARDIN, GAZIANTEP, BATMAN, GAZ, KMRS, SVSK, ANDN, SIRT, HTY, HAKKARI, CUKURCA, HKR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELZG, PERTEK, MALTA, MYA, DIYARBAKIR, URFU, BINT, ATAB, ERZINCAN, MARDIN, GAZ, KMRS, SVSK, ANDN, SIRT, HTY, HAKKARI, CUKURCA, HKR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELZG, PERTEK, MALTA, MYA, DIYARBAKIR, URFU, BINT, ATAB, ERZINCAN, MARDIN, GAZ, KMRS, SVSK, ANDN, SIRT, HTY, HAKKARI, CUKURCA, HKR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELZG, PERTEK, MALTA, MYA, DIYARBAKIR, URFU, BINT, ATAB, ERZINCAN, MARDIN, GAZ, KMRS, SVSK, ANDN, SIRT, HTY, HAKKARI, CUKURCA, HKR.

ISCJ 22 23:50:48.5-1.2, 102S-12737E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.7/17, mbtmt3.7/6, ML3.0/1, Error ellipse:

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

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

ISCJ 22 23:55:21.2-1.4, 101S-12778E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/16, mbtmt3.5/4, ML3.7/1, Error ellipse:

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

ISCJ 22 23:56:10.4-1.2, 124S-12694E, h0km, mb3.9/5, mb1 4.0/6, mb1mx3.9/17, mbtmt3.9/6, ML4.1/1, Error ellipse:

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

ISCJ 23 00:21:06.9, 3836N, 3931E, h7km, MD2.9 CSEM 23 00:21:06.5-0.2, 3835N, 3931E, h10km, MD2.9, Error ellipse: s-maj=3.9km s-min=2.4km az=19.0

ISCJ 23 00:21:07.3-0.5, 3833N, 3931E, h7km, MD3.1 DDA 23 00:21:07.5, 3824N, 3929E, h3km, MD3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, MKAR, ZALV, ELZG, PERTEK, MALTA, MYA, DIYARBAKIR, URFU, BINT, ATAB, ERZINCAN, MARDIN, GAZ, KMRS, SVSK, ANDN, SIRT, HTY, HAKKARI, CUKURCA, HKR.

ISCJ 23 00:25:15.3-0.1, 40119N, 0101W, 11624W, 001, h5km, mb2.9/1, Error ellipse: s-maj=1.5km s-min=1.3km az=38.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P09A, P09A, ELK, ELK, O12A, N12A, N12A, N12A, N09A, P09A, P12A, P12A, Q10A, Q10A, M11A, M11A, Q11A, Q11A, M10A, M10A, Q08A, Q08A, P08A, P08A, Q09A, Q09A, Q12A, Q12A, N08A, N08A, M09A, M09A, M12A, M12A, N13A, N13A, Q08A, Q08A, R10A, R10A, TRCR, TRCR, TRCR, L10A, R09A, M13A, M13A, O07A, O07A, L11A, M08A, P07A, P07A, L09A, N07B, TPB, TPB, TPB, R12A, S10A, S10A, L12A, L12A, R08A, R08A, Q07A, Q07A, NVAR, NVAR, NVAR, NVAR, M14A, M14A, L13A, L13A, DUG, DUG, K11A, K11A, O11A, O11A, P10A, P10A, P10A, N10A, N10A, N09A, N09A, O09A, O09A, N11A, N11A, N11A, BMN, BMN, BMN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P09A, P09A, ELK, ELK, O12A, N12A, N12A, N12A, N09A, P09A, P12A, P12A, Q10A, Q10A, M11A, M11A, Q11A, Q11A, M10A, M10A, Q08A, Q08A, P08A, P08A, Q09A, Q09A, Q12A, Q12A, N08A, N08A, M09A, M09A, M12A, M12A, N13A, N13A, Q08A, Q08A, R10A, R10A, TRCR, TRCR, TRCR, L10A, R09A, M13A, M13A, O07A, O07A, L11A, M08A, P07A, P07A, L09A, N07B, TPB, TPB, TPB, R12A, S10A, S10A, L12A, L12A, R08A, R08A, Q07A, Q07A, NVAR, NVAR, NVAR, NVAR, M14A, M14A, L13A, L13A, DUG, DUG, K11A, K11A, O11A, O11A, P10A, P10A, P10A, N10A, N10A, N09A, N09A, O09A, O09A, N11A, N11A, N11A, BMN, BMN, BMN.

ISCJ 23 00:25:16.2-1.0, 3975N, 11592W, h0km, mb2.9/1, mb1 3.6/3, mb1mx3.3/20, mbtmt3.3/3, ML3.7/2, Error ellipse: s-maj=4.9km s-min=2.7km az=144.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P09A, P09A, ELK, ELK, O12A, N12A, N12A, N12A, N09A, P09A, P12A, P12A, Q10A, Q10A, M11A, M11A, Q11A, Q11A, M10A, M10A, Q08A, Q08A, P08A, P08A, Q09A, Q09A, Q12A, Q12A, N08A, N08A, M09A, M09A, M12A, M12A, N13A, N13A, Q08A, Q08A, R10A, R10A, TRCR, TRCR, TRCR, L10A, R09A, M13A, M13A, O07A, O07A, L11A, M08A, P07A, P07A, L09A, N07B, TPB, TPB, TPB, R12A, S10A, S10A, L12A, L12A, R08A, R08A, Q07A, Q07A, NVAR, NVAR, NVAR, NVAR, M14A, M14A, L13A, L13A, DUG, DUG, K11A, K11A, O11A, O11A, P10A, P10A, P10A, N10A, N10A, N09A, N09A, O09A, O09A, N11A, N11A, N11A, BMN, BMN, BMN.

ISCJ 23 00:25:15.6-0.2, 40126N, 0059-11625W, 001, h1km, 2km, n125, s1907/222, mb2.9/1, 65C-50D, Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P09A, P09A, ELK, ELK, O12A, N12A, N12A, N12A, N09A, P09A, P12A, P12A, Q10A, Q10A, M11A, M11A, Q11A, Q11A, M10A, M10A, Q08A, Q08A, P08A, P08A, Q09A, Q09A, Q12A, Q12A, N08A, N08A, M09A, M09A, M12A, M12A, N13A, N13A, Q08A, Q08A, R10A, R10A, TRCR, TRCR, TRCR, L10A, R09A, M13A, M13A, O07A, O07A, L11A, M08A, P07A, P07A, L09A, N07B, TPB, TPB, TPB, R12A, S10A, S10A, L12A, L12A, R08A, R08A, Q07A, Q07A, NVAR, NVAR, NVAR, NVAR, M14A, M14A, L13A, L13A, DUG, DUG, K11A, K11A, O11A, O11A, P10A, P10A, P10A, N10A, N10A, N09A, N09A, O09A, O09A, N11A, N11A, N11A, BMN, BMN, BMN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P09A, P09A, ELK, ELK, O12A, N12A, N12A, N12A, N09A, P09A, P12A, P12A, Q10A, Q10A, M11A, M11A, Q11A, Q11A, M10A, M10A, Q08A, Q08A, P08A, P08A, Q09A, Q09A, Q12A, Q12A, N08A, N08A, M09A, M09A, M12A, M12A, N13A, N13A, Q08A, Q08A, R10A, R10A, TRCR, TRCR, TRCR, L10A, R09A, M13A, M13A, O07A, O07A, L11A, M08A, P07A, P07A, L09A, N07B, TPB, TPB, TPB, R12A, S10A, S10A, L12A, L12A, R08A, R08A, Q07A, Q07A, NVAR, NVAR, NVAR, NVAR, M14A, M14A, L13A, L13A, DUG, DUG, K11A, K11A, O11A, O11A, P10A, P10A, P10A, N10A, N10A, N09A, N09A, O09A, O09A, N11A, N11A, N11A, BMN, BMN, BMN.

ISCJ 23 00:25:15.3-0.1, 40119N, 0101W, 11624W, 001, h5km, mb2.9/1, Error ellipse: s-maj=1.5km s-min=1.3km az=38.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P09A, P09A, ELK, ELK, O12A, N12A, N12A, N12A, N09A, P09A, P12A, P12A, Q10A, Q10A, M11A, M11A, Q11A, Q11A, M10A, M10A, Q08A, Q08A, P08A, P08A, Q09A, Q09A, Q12A, Q12A, N08A, N08A, M09A, M09A, M12A, M12A, N13A, N13A, Q08A, Q08A, R10A, R10A, TRCR, TRCR, TRCR, L10A, R09A, M13A, M13A, O07A, O07A, L11A, M08A, P07A, P07A, L09A, N07B, TPB, TPB, TPB, R12A, S10A, S10A, L12A, L12A, R08A, R08A, Q07A, Q07A, NVAR, NVAR, NVAR, NVAR, M14A, M14A, L13A, L13A, DUG, DUG, K11A, K11A, O11A, O11A, P10A, P10A, P10A, N10A, N10A, N09A, N09A, O09A, O09A, N11A, N11A, N11A, BMN, BMN, BMN.

ISCJ 23 00:25:15.3-0.1, 40119N, 0101W, 11624W, 001, h5km, mb2.9/1, Error ellipse: s-maj=1.5km s-min=1.3km az=38.6

23d 1h

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

2007 FEB

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

800

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











23d 6h

Table with columns: Station Name, Azimuth, Elevation, SNR, and various status codes (P, S, G, etc.). Includes stations like OBER Oberstdorf, DAVA Damuels, and GRA1 Grafenberg Arr.

BUI 23 06:10:25.3, 150S, 12698E, h30km, mB5.2, mb4.7, Ms4.8, Ms4.4

ISCJB 23 06:10:26.2, 0.4, 098S, 006:12688E, 008, h10km, mb4.5/21, MS3.5/4, Error ellipse: s-maj=12.3km

NEIC 23 06:10:28.1, 0.3, 096S, 12687E, h10km, mb4.7/7, Error ellipse: s-maj=12.0km s-min=5.6km az=59.0

MOS 23 06:10:29.8, 1.2, 096S, 12686E, h33km, mb4.9/5, Error ellipse: s-maj=25.3km s-min=11.1km az=117.6

IDC 23 06:10:31.7, 2.4, 095S, 12681E, h34km, mb4.3/10, mb1.4/11, mb1mx4.2/20, mbtmp4.3/11, ML3.8/1, MS3.3/4, Ms1.3/3.4, ms1mx3.1/27, Error ellipse: s-maj=28.3km

ISC 23 06:10:30.0, 2.9, 101S, 006:12685E, 008, h21km, 21km, h17km, 1.0km, p-P, n44, 0:682/41, mb4.5/21, MS3.5/4, 2C, Southern Molucca Sea

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and various status codes. Includes stations like PCI Palu, KAKA Kakadu, WRA Warramunga Arr, etc.

2007 FEB

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and various status codes. Includes stations like KBA Koelnbreinsper, MYKA Terra Mystica, PLRO Paularo, etc.

804

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and various status codes. Includes stations like WTTA Wattenberg, FAU Forcella Aurin, WATA Walderalm, etc.



Table with columns: CHMS, Chumysr, 0.73 221 P, Pg, 07 11 33.3 -0.8, etc.

BUI 23 07:12:14.9, 2585N:11094W, h15km, mb5.5, mb5.0, Ms5.1, Ms2.7, MOS 23 07:12:15.6:1.2, 2591N:11045W, h10km, mb4.8/10, Error ellipse: s-maj=9.9km s-min=4.6km az=88.5

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

Table with columns: SDCO, Great Sand Dun, 12.52 19 ePn, Pn, 07 15 17.1 +1.0, etc.

Table with columns: WVOR, Wild Horse Val, 17.75 340 ePn, Pn, 07 16 25.1 -0.1, etc.



Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like VES Vestal, Richgr, SDCO Great Sand Dun, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like M08A Happy Creek Ra, L10A Juniper Basin, MIAR Rachee, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like E14A Clinton, F09A S2 Ranch, G07A Ruggs Ranch, etc.









Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, PMG, STKA, MKAR, ZALV.

ISCJB 23 09:23:29.5:0.9, 2606N:008x1105W:0.1, h10km, mb4.0/1, Error ellipse: s-maj=17.8km s-min=11.4km az=168.3

NEIC 23 09:23:31.1:0.8, 2598N:11055W, h10km, mb3.9/1, Error ellipse: s-maj=16.4km s-min=10.7km az=76.0

IDC 23 09:23:31.6:1.5, 2599N:11027W, h0km, mb1 3.7/4, mb1mx3.5/2.1, mbtmp3.3/4, ML3.3/4, Error ellipse: s-maj=25.7km s-min=12.0km az=100.0

ISC 23 09:23:31.2:0.9, 2598N:008:1106W:0.1, h10km, n17, c=080/17, mb4.0/1, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPIG, TXAR, ANMO, PTRM, NVAR, PDAR, CMIG, MCMT, CHMT, FCC, BBGH.

ISCJB 23 09:38:19.0:0.4, 4322N:002x12661W:0.04, h10km, mb4.7/6, MS3.4/3, Error ellipse: s-maj=4.2km s-min=2.5km az=179.5

BJJ 23 09:38:19.2, 4333N:12758W, h14km, mb5.1, mb4.8, Ms4.7, Ms24.5

NEIC 23 09:38:21.2:1.5, 4319N:12662W, h10km, mb4.4/5, Error ellipse: s-maj=17.6km s-min=6.5km az=76.0

IDC 23 09:38:25.9:2.9, 4340N:12582W, h0km, mb3.6/2, mb1 4.0/6, mb1mx3.7/24, mbtmp3.7/6, ML3.6/4, MS3.4/5, Ms1 3.4/5, ms1mx3.0/34, Error ellipse: s-maj=40.3km s-min=16.6km az=70.0

ISC 23 09:38:21.6:0.5, 4320N:002:12656W:0.05, h10km, n223, c=095/255, mb4.7/6, MS3.4/3, 61C-93D, Off coast of Oregon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like K01A, K01A, KEBM, I02A, I02A, I02A, I02A, M01C, K02A, K02A, H02A, H02A, L02A, L02A, L02A, DBO, I03A, I03A, I03A, E00, H00, H00, H00, COR, COR, COR, H03A, H03A, BBOR, I04A, I04A, H0B, BROR, G03A, G03A, YBH, YBH, YBH, IRO, IRO, BUOR, FRIS, F03A, F03A, H04A, H04A, HUOR, WIFE, G04A, G04A, L04A, L04A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like K04A, NLO, BKCOR, M04C, J05A, BEND, E03A, E03A, WDC, TDH, F04A, F04A, HOOD, H05A, K05A, FL2, GMO, G05A, G05A, E04A, E04A, L05A, D03A, M05C, F05A, F05A, K06A, I06A, G06A, G06A, D04A, H06A, H06A, E05A, E05A, M05A, MOD, MOD, F06A, F06A, GLK, M06C, GL2, RCS, FMW, D05A, D05A, C04A, C04A, E06A, I07A, H07A, ORV, J07A, B04A, G07A, K07A, F07A, L07A, N06A, C05A, C05A, D06A, D06A, E07A, E07A, G08A, I08A, H08A, P08A, P08A, PGC, WVOR, J08A, H08A, K08A, B05A, D07A, L08A, C06A, C06A, LAVA, E08A, M08A, B06A, B06A, B06A, C07A, J09A, I09A, K09A, A05A, H09A, D08A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R05C, L09A, F09A, E09A, BMO, B07A, C08A, D09A, K10A, F10A, B08A, H10A, C09A, E10A, L10A, D10A, K11A, I11A, H11A, MFID, B09A, NVAR, NVAR, F11A, C10A, A09A, E11A, L11A, B10A, NEW, NEW, NEW, J12A, F12A, A10A, H12A, L12A, K12A, O11A, R09A, D12A, M12A, Q10A, HLID, H13A, J13A, BBB, G13A, I13A, F13A, A11A, K13A, O12A, Q11A, YES, E13A, D13A, BSMT, N13A, A12A, P12A, C13A, G14A, TRCR, MSO, F14A, E14A, B13A, M14A, D14A, MCMT, FURC, C14A, CHMT, A13A, R12A, G15A, E15A, LRM, WALA, D15A, DUG, BOZ, BOZ, QLMT, DCID1, AHID, REDW, MOWW, YNR, LOHW.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Pinedale Array, Eagleton, Dease Lake, Dagmar, etc.

ISC 23 09:38:20.6:1.2, 2601N:11038W, h0km, mb3.5/2, mb1 3.0/6, mb1mx3.7/22, mbtmnp3.5/6, ML3.5/3, MS3.5/2, MS1 3.4/2, ms1mx3.0/26, Error ellipse: s-maj=24.3km s-min=11.6km az=94.0

ISCJB 23 09:38:22.0:0.9, 2608N:007:1103W.0, h10km, mb3.8/4, MS3.3/1, Error ellipse: s-maj=13.1km s-min=10.2km az=4.5

NEIC 23 09:38:23.0:0.8, 2599N:11038W, h10km, mb3.9/4, Error ellipse: s-maj=13.3km s-min=10.2km az=84.0

ISC 23 09:38:23.0:0.9, 2598N:007:1104W.0, h10km, n27, c095/27, mb3.8/4, MS3.3/1, Gulf of California

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

ISC 23 09:42:46.1:4.1, 1384S:17078E, h626km, 52km, mb2.8/5, mb1 3.0/6, mb1mx2.8/7, mbtmnp2.9/6, Error ellipse: s-maj=69.3km s-min=32.3km az=160.0, Vanuatu Islands region

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

ISC 23 09:58:25.7:0.5, 1604N:006:9289W.0, h168km, 3km, mb4.0/18, Error ellipse: s-maj=10.8km s-min=5.3km az=10.5

ISC 23 09:58:26.4:1.5, 1599N:9269W, h160km, 16km, mb3.7/7, mb1 4.0/11, mb1mx3.7/22, mbtmnp3.8/11, Error ellipse: s-maj=26.4km s-min=11.5km az=52.0

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

ISC 23 10:11:27.3:1.5, 114S:12729E, h0km, mb3.5/3, mb1 3.7/5, mb1mx3.6/16, mbtmnp3.5/6, ML3.3/2, Error ellipse: s-maj=104.7km s-min=21.9km az=72.0, Halmahera

ISC 23 10:11:24.2:0.7, 3598N:004:140.14E:006, h75km, 5km, mb3.6/5, Error ellipse: s-maj=8.7km s-min=6.4km az=11.3

ISC 23 10:11:04:24.9:0.6, 3612N:140.20E, h77km, 43km, mb3.3/3, mb1 3.2/3, mb1mx3.0/21, mbtmnp3.1/3, Error ellipse: s-maj=66.4km s-min=27.7km az=60.0

NEIC 23 10:11:04:25.4:1.2, 3506N:13797E, h10km, mb4.2/2, Error ellipse: s-maj=29.1km s-min=15.3km az=104.0

JMA 23 11:04:25.7:0.1, 3604N:140.10E, h63km, 1km, MS3.1 JMA Felt J1

ISC 23 11:04:25.1:0.6, 3598N:004:140.14E:006, h68km, 5km, n21, c066/30, mb3.6/5, Near east coast of eastern Honshu

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

ISC 23 11:04:55.0:1.2, 2620N:11042W, h0km, mb3.7/2, mb1 3.9/6, mb1mx3.7/22, mbtmnp3.5/6, ML3.5/4, MS3.5/3, MS1 3.5/3, mb1mx2.9/37, Error ellipse: s-maj=21.8km s-min=12.7km az=93.0, Gulf of California

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

ISC 23 11:42:29.8:1.1, 140N:12656E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.6/17, mbtmnp3.6/4, ML3.4/1, Error ellipse: s-maj=113.7km s-min=23.0km az=68.0, Northern Molucca Sea

ISC 23 11:42:29.8:1.1, 140N:12656E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.6/17, mbtmnp3.6/4, ML3.4/1, Error ellipse: s-maj=113.7km s-min=23.0km az=68.0, Northern Molucca Sea

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

ISC 23 11:12:16.2:2.3, 1388N:006:125.15E:009, h19km, 15km, mb3.3/4, Error ellipse: s-maj=15.6km s-min=8.3km az=155.7

ISC 23 11:12:16.4:1.5, 1343N:124.13E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.3/19, mbtmnp3.3/4, Error ellipse: s-maj=173.6km s-min=21.2km az=69.0

MAN 23 11:12:18, 1387N:125.07E, h32km, mb4.5, ML3.3, MS3.2 ISC 23 11:12:16.8:2.2, 1382N:006:125.0E:008, h10km, 11km, n10, c077/15, mb3.3/4, 1D, Philippine Islands region

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

CSEM 23 11:13:13.8:0.1, 3837N:3925E, h5km, MD3.1, Error ellipse: s-maj=1.9km s-min=1.6km az=168.0

DDA 23 11:13:13.9, 3833N:3927E, h2km, 5km, MD3.1 ISCJB 23 11:13:14.0:0.3, 3835N:003:3925E:003, h5km, Error ellipse: s-maj=3.9km s-min=2.9km az=177.1

ISK 23 11:13:14.1, 3836N:3924E, h5km, MD3.5 ISC 23 11:13:14.8:0.5, 3836N:003:3927E:003, h2km, 5km, n41, c088/53, 1C, Turkey

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

ISC 23 11:40:55.0:1.2, 2620N:11042W, h0km, mb3.7/2, mb1 3.9/6, mb1mx3.7/22, mbtmnp3.5/6, ML3.5/4, MS3.5/3, MS1 3.5/3, mb1mx2.9/37, Error ellipse: s-maj=21.8km s-min=12.7km az=93.0, Gulf of California

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

ISC 23 11:42:29.8:1.1, 140N:12656E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.6/17, mbtmnp3.6/4, ML3.4/1, Error ellipse: s-maj=113.7km s-min=23.0km az=68.0, Northern Molucca Sea

ISC 23 11:42:29.8:1.1, 140N:12656E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.6/17, mbtmnp3.6/4, ML3.4/1, Error ellipse: s-maj=113.7km s-min=23.0km az=68.0, Northern Molucca Sea

23d 13h

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

ISCJB 23 12:06:10.6:0.3, 5149N:002.692E:004, h0km, Error ellipse: s-maj=3.6km s-min=2.4km az=26.3

BUG 23 12:06:11.8:0.5, 5158N:6.82E, h1km, M2.0

LDG 23 12:06:12.3:0.2, 5162N:687E, h1km, M1.1, Error ellipse: s-maj=3.7km s-min=2.4km az=38.0, Suspected Mining induced.

CSEM 23 12:06:12.1:0.1, 5161N:694E, h1km, ML3.1/1, Error ellipse: s-maj=3.0km s-min=1.5km az=86.0

BGR 23 12:06:12.6:0.6, 5153N:689E, h1km, ML2.5/2, Error ellipse: s-maj=5.6km s-min=3.3km az=119.0

BNS 23 12:06:14.4:0.6, 5152N:683E, h1km, ML2.3

ISC 23 12:06:11.8:0.3, 5157N:002.686E:003, h0km, n65, r123/118, 1D, Germany

Main table for 23d 13h containing station data for Germany, including stations like BZER Hinxe, BUG Bochum-Univer, WTSB Winterswijk, etc.

2007 FEB

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like SSF Saint Saulge, AVF Avril sur Loir, SMF Signal de Mont, etc.

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

ISC 23 12:10:25.8:6.3, 2336S:17806W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.9/12, mbtmp4.1/3, Error ellipse: s-maj=173.5km s-min=99.9km az=144.0, South of Fiji Islands

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

ISC 23 12:11:59.6, 3840N:3928E, h5km, MD3.8, ML3.9

CSEM 23 12:12:00.3:0.1, 3840N:3928E, h5km, MD3.9, Error ellipse: s-maj=1.5km s-min=1.1km az=161.0

ISCJB 23 12:12:00.8:0.5, 3833N:002.3928E:002, h9km, 4km, mb3.4/5, Error ellipse: s-maj=4.2km s-min=2.8km az=158.6

DDA 23 12:12:01.3:1.2, 3836N:3925E, h0km, mb3.4/5, mb1 3.5/8, mb1mx3.5/21, mbmp3.4/8, ML3.5/3, Error ellipse: s-maj=23.6km s-min=16.3km az=118.0

NSCC 23 12:12:01.6, 3839N:3931E, h7km, Md3.9

NEIC 23 12:12:02.7:0.8, 3829N:3922E, h10km, ML3.8/8(ISK), Error ellipse: s-maj=16.1km s-min=11.4km az=174.0

ISC 23 12:12:01.3:0.5, 3833N:002.3930E:002, h4km, 4km, n92, r150/122, mb3.4/5, 6D, Turkey

Main table for 2007 FEB containing station data for Turkey, including stations like ELZG Elazig, PTK Pertek, MALT Malatya, etc.

814

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like BIDA Albida, ROOS tl\_aalroos, KAMT Kaman, etc.

ISCJB 23 12:34:09.7:0.7, 689N:007.7299W:009, h164km, 8km, mb3.3/1, Error ellipse: s-maj=17.0km s-min=7.4km az=38.6

ISC 23 12:34:10.5:7.4, 687N:7611W, h101km, 79km, mb3.1/1, mb1 3.4/2, mb1mx3.1/17, mbtmp3.3/ML2.3/1, Error ellipse: s-maj=127.5km s-min=32.8km az=77.0

FUNY 23 12:34:12.5:6.90N, 7298W, h164km, MW3.4

ISC 23 12:34:10.7:0.7, 687N:008.7295W:009, h158km, 8km, n17, r150/122, mb3.3/1, 1C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like CAPV Capacho, ROSC El Rosal, SOCV Socops, etc.

WEL 23 12:40:02.0:3.0, 3694S:17732E, h170km, 3km, ML3.5/15, Error ellipse: s-maj=4.7km s-min=4.5km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, URZ Urewera, PUK Puketiti, etc.

ISCJB 23 13:14:19.8:1.7, 185S:01:1757W:01, h212km, 18km, mb3.9/11, Error ellipse: s-maj=23.5km s-min=13.2km az=30.0

NEIC 23 13:14:20.8:1.1, 185S:1757W, h210km, 11km, mb4.3/4, Error ellipse: s-maj=14.2km s-min=7.8km az=133.0

ISC 23 13:14:22.2:2.4, 1871S:1757W, h272km, 23km, mb3.6/10, mb1 3.9/10, mb1mx3.7/16, mbtmp3.7/10, Error ellipse: s-maj=19.2km s-min=11.4km az=118.0

ISC 23 13:14:20.8:1.7, 185S:01:1757W:01, h207km, 17km, n20, r0562/19, mb3.9/11, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, URZ Urewera, RPZ Rata Peaks, etc.



Table with columns: TXAR, Lajitas Array, RA, Dec, Az, Phase, ID, Time, Res, ISC. Includes stations like TXAR, COLA, YKA, BRTR, GERES, etc.

IDC 23 13:45:00.0:70.0,1552S-17659W,h0km,mb4,1/3, mb1 4.2/3, mb1mx3.7/13, mbtmp4.1/3, Error ellipse: s-maj=1308.0km s-min=179.6km az=77.0, Fiji Islands region

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

ISCJB 23 13:54:28.1:0.7,76S.01:682E:0.1,h10km,mb4,1/16, MS4.0/8, Error ellipse: s-maj=17.9km s-min=14.1km az=19.1

IDC 23 13:54:28.0:0.7,757S:68.16E,h0km,mb4,0/11, mb1 4.1/11, mb1mx3.9/23, mbtmp4.0/11, MS3.9/9, Ms1 3.9/9, ms1mx3.7/26, Error ellipse: s-maj=26.0km s-min=18.7km az=21.0

BUI 23 13:54:29.7,76S:68.10E,h10km,mb4,1/16, NEIC 23 13:54:29.0:0.6,762S:68.11E,h10km,mb4,4/4, Error ellipse: s-maj=19.0km s-min=15.3km az=192.0

ISC 23 13:54:30.1:0.6,76S.01:681E:0.1,h10km,p30,r120/20, mb4,1/16,MS4.0/8,Chagos Archipelago region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KMBI, PSI, KULM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KMBI, PSI, KULM, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRTR, KURK, BRVK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALV, SONM, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, WB2, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA, CTA, GUMO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOND, DZM, YKA, etc.

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

IGQ 23 14:12:22.7,172S,78.19W,h187km,4km,mb4,7,Ms4.6, Error ellipse: s-maj=4.1km s-min=2.6km az=54.0

MOS 23 14:12:25.6:0.7,146S:78.04W,h153km,mb5.0/60, Error ellipse: s-maj=8.0km s-min=5.8km az=94.4

ISCJB 23 14:12:26.1:0.2,158S:003:7807W:0.03,h164km,1km, mb4.9/151, Error ellipse: s-maj=5.7km s-min=3.7km az=29.4

IDC 23 14:12:26.2:0.6,163S:77.98W,h155km,4km,mb4,4/17, mb1 4.5/23, mb1mx4.5/25, mbtmp4.4/23, MS3.8/4, Ms1 3.8/4, ms1mx3.3/25, Error ellipse: s-maj=13.8km s-min=9.3km az=75.0

BUI 23 14:12:28.5:0.4,158S:78.08W,h160km,mb5.2, GCMT 23 14:12:28.5:0.4,158S:78.08W,h160km,mb5.2, Duration: 0. Moment tensor: Scale 10^16Nm; Mr=1.97e-16; Mw=1.36e-18; Mw0.61e-23; Mw=0.51e-12; Mw=3.35e-14; Mw=2.27e-16; Best double couple: M4,43000e10^16 NP1:0.95,000000;delta2:0.000000;lambda:154.000000; NP2:0.348,000000;delta7:0.000000;lambda:41.000000; Principal axes: T 4.5740, P1g11.000000; Azm45.000000; N -0.2840, P1g45.000000; Azm146.000000; P -4.2860, P1g43.000000; Azm305.000000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 23 14:12:28.5:0.2,144S:77.97W,mb5.0/137,MD4.7(IGQ) Error ellipse: s-maj=6.3km s-min=3.2km az=210.0

NEIC Felt at Manabi. ISC 23 14:12:27.0:0.2,158S:003:7795W:0.03,h157km,1km, h167km,2.4km;p-P,n710,r0566/660,mb4.9/151, 126C-114D,Ecuador

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

Table with columns: LAV3, Lava3-Reventad, RA, Dec, Az, Phase, ID, Time, Res, ISC. Includes stations like LAV3, LAV3, etc.

comp=Z,1.1nm,0.6s,mb4.7

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

comp=Z,1.1nm,0.6s,mb4.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Z14A, ECSD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ECSD, X15A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like X15A, Y14A, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like X14A, Y14A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PV01, W15A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Y13A, GLA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PV10, Y12C, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like W14A, X13A, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DVTC, W13A, etc.

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

comp=Z,1.1nm,0.6s,mb4.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Z14A, ECSD, etc.

comp=Z,1.1nm,0.6s,mb4.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ECSD, X15A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like X15A, Y14A, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like X14A, Y14A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PV01, W15A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Y13A, GLA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PV10, Y12C, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like W14A, X13A, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DVTC, W13A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like B3, IRM, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like PDAR, HWUT, DAC, Q12A, TRCR, BSC, ARVC, ISA, GRAC, M15A, P12A, S10A, Q11A, CWC, R10A, AHID, S09A, PKM, YES, HUU, HVU, Q12A, O10A, M14A, TPH, R09A, N13N, TIN, REDW, P11A, LOHW, LOHW, SMMO, S08C, MOOW, ULM, ULM, ULM, M13A, O11A, DCIDI, V05C, Q09A, N12A, P10A, ELK, ELK, RLMK, K14A, L13A, MLAC, M12A, YFT, N11A, P09A, KCC, NVAR, NVAR, NVAR, PKD, Q08A, T06C, V04C, YNR, O10A, YMR, R07C, K13A, N10A, O09A, M11A, U04C, L12A, QLMT, V03C, BMN, BMN, T05C.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like P08A, S05C, K12A, R06C, J13A, L11A, M10A, N09A, P07A, CMB, CMB, HLID, HLID, PACP, I13A, MCMT, BOZ, BOZ, BOZ, BOZ, L10A, J12A, G15A, R05C, N08A, M09A, O07A, S04C, WCN, R04C, H13A, LAVA, P06A, MFID, WENL, F15A, G14A, N07B, L09A, K10A, M08A, P05C, O06A, BDM, H12A, G13A, BEKR, I11A, F14A, EGMT, EGMT, Q04C, E15A, K09A, M07A, N06A, Q03C, SCHO, SCHO, OHCM, O05C, CVS, F13A, FARB, D15A, E14A, ORV, WVOR, WVOR, WVOR, H11A, I10A, J09A, K08A, ELFS, L07A, O04C, MNRC, CHMT, M06C, E13A, H10A.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like F12A, D14A, I09A, J08A, MSO, K07A, LBCM, MOD, H05, HATS, M05C, GASB, H09A, I08A, D13A, J07A, L05A, P01C, K06A, O02C, WDC, WDC, WDC, E11A, H08A, M03C, J06A, C13A, K05A, M04C, I07A, F10A, F09A, L04A, O01C, E10A, I06A, B13A, YBH, YBH, G08A, J05A, WALA, D10A, G07A, E09A, FFC, H06A, B12A, J04A, I05A, HUMO, L02A, B11A, A12A, D09A, E08A, H05A, G06A, F07A, CROR, HAWA, I04A, NEW, NEW, K02A, B10A, D08A, SNWA, A11A, OD2, G05A, F06A, C09A, E07A, H02A, J04A, M05C, B09A, C08A, F05A, A10A, D07A.



23rd 14h

Table of seismic data for 23rd 14h, including stations like ZALV, ZAL, ZAK, MKAR, ASAR, WRA, etc., with columns for station name, time, magnitude, and other parameters.

2007 FEB

Table of seismic data for 2007 FEB, including stations like ODAN, HYB, GYA, KMI, etc., with columns for station name, time, magnitude, and other parameters.

818

Table of seismic data for 818, including stations like J12A, F12A, MFID, etc., with columns for station name, time, magnitude, and other parameters.







Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MATI, GSPH, KCP, MUSAN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PASUQUIN, ABRA, APYD, etc.

IDC 23 15:22:05.9-1.3, 2627N, 11043W, h0km, mb3.6/2, mb1 3.9/6, mb1mx3.7/22, mbtmp3.5/6, ML3.6/4, MS3.6/4, Me1 3.6/4, ms1mx3.1/35, Error ellipse: s-maj=21.2km s-min=13.6km az=96.0, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPIG, TXAR, ANMO, PDAR, TKL, YKA, etc.

IDC 23 15:33:26.0-2.2, 594S, 13050E, h0km, mb3.8/1, mb1 3.4/4, mb1mx3.3/14, mbtmp3.3/4, ML2.8/3, Error ellipse: s-maj=101.4km s-min=27.3km az=77.0, Banda Sea

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

CSEM 23 15:44:32.8, 3842N, 3907E, h12km, MD2.7, After ISK ISK 23 15:44:32.8, 3842N, 3907E, h12km, MD2.7, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MYA, MALT, PERTK, etc.

NEIC 23 15:58:27.9, 1643N, 9837W, h39km, MD3.9, (MEX), After MEX.

MEX 23 15:58:27.0-0.6, 1642N, 9852W, h20km, 16km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PNIG, ACX, UTMO, etc.

GII 23 16:03:12.4-0.0, 2663N, 3509E, h10km, 3km, mb4.0/2, ML3.7/4

SGS 23 16:03:27.0, 271N, 3452E, h8km ISK 23 16:03:27.0, 271N, 3452E, h8km, 1km, Error ellipse: s-maj=20.9km s-min=8.6km az=154.2

CSEM 23 16:03:27.0-2.2, 2722N, 3473E, h10km, ML3.6, Error

ellipse: s-maj=6.9km s-min=1.9km az=61.0 ISK 23 16:03:27.5-1.8, 2774N, 006.346E, 01, h16km, gkm, n25, c085/31, Red Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RSHS, JLOS, HOLS, etc.

ISCJCB 23 16:13:14.9-0.4, 4985N, 003.1845E, 003, h0km, Error ellipse: s-maj=4.1km s-min=2.3km az=13.6

IPEC 23 16:13:16.2-0.2, 4983N, 1858E, h8km, 1km, ML2.0/4, Error ellipse: s-maj=2.1km s-min=1.1km az=163.0

CSEM 23 16:13:16.0-0.1, 4988N, 1853E, h2km, ML3.0/3, Error ellipse: s-maj=3.5km s-min=2.0km az=6.0

PRU 23 16:13:17.1, 4955N, 1849E, h0km, ISK 23 16:13:16.4-0.4, 4982N, 003.1848E, 002, h0km, n37, c122/64, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OKC, RAC, MORC, OJC, etc.

ISC 23 16:13:17.0-0.2, 594S, 13050E, h0km, mb3.8/1, mb1 3.4/4, mb1mx3.3/14, mbtmp3.3/4, ML2.8/3, Error ellipse: s-maj=101.4km s-min=27.3km az=77.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VYHS, SMOL, DPC, etc.

ISC 23 16:20:55.5-3.4, 1543S, 7044W, h195km, 31km, mb3.2/2, mb1 3.4/3, mb1mx3.1/16, mbtmp3.2/3, Error ellipse: s-maj=109.7km s-min=47.0km az=19.0, Southern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOLS, BRG, KHC, etc.

ISC 23 16:22:59.5-9.5, 3122N, 13958E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/20, mbtmp3.2/3, Error ellipse: s-maj=357.7km s-min=33.7km az=65.0, Southeast of Honshu

ISC 23 16:22:59.5-9.5, 3122N, 13958E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/20, mbtmp3.2/3, Error ellipse: s-maj=357.7km s-min=33.7km az=65.0, Southeast of Honshu

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

ISC 23 16:28:26.1, 3836N, 3924E, h5km, MD3.1 DDA 23 16:28:26.7, 3843N, 3916E, h28km, MD3.3

CSEM 23 16:28:26.0-2.2, 3837N, 3925E, h1km, 1km, MD3.3, Error

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

ISC 23 16:28:26.1, 3836N, 3924E, h5km, MD3.1 DDA 23 16:28:26.7, 3843N, 3916E, h28km, MD3.3

CSEM 23 16:28:26.0-2.2, 3837N, 3925E, h1km, 1km, MD3.3, Error

ellipse: s-maj=2.7km s-min=2.3km az=117.0 ISK 23 16:28:27.1-0.4, 3835N, 003.3927E, 003, h5km, Error ellipse: s-maj=4.5km s-min=3.4km az=4.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ELZG, PERTK, MALT, etc.

IDC 23 16:42:44.6-6.9, 028S, 12179E, h294km, 41km, mb3.1/3, mb1 3.3/4, mb1mx2.9/18, mbtmp3.2/4, Error ellipse: s-maj=104.4km s-min=64.5km az=64.0, Minahassa Peninsula, Sulawesi

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

ISK 23 17:06:27.1, 3840N, 3922E, h5km, MD3.3 DDA 23 17:06:27.9, 3832N, 3926E, h4km, MD3.3

CSEM 23 17:06:27.0-0.1, 3840N, 3924E, h2km, MD3.3, Error ellipse: s-maj=2.2km s-min=1.9km az=158.0

ISCJCB 23 17:06:28.3-0.4, 3839N, 003.3926E, 003, h5km, Error ellipse: s-maj=4.4km s-min=3.1km az=0.2

ISC 23 17:06:28.7-0.4, 3839N, 003.3926E, 003, h5km, n29, c1507/41, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ELZG, PERTK, MALT, etc.

MEX 23 17:22:49.2-0.7, 1670N, 9916W, h10km, 14km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ACX, CAIG, MEIG, etc.

NEIC 23 17:41:08.3, 1595N, 9891W, h5km, MD4.1, (MEX), After MEX.

MEX 23 17:41:11.4-0.8, 1621N, 9892W, h14km, 13km, MD4.1, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PNIG, ACX, CAIG, etc.















Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Palmer Station, Arequipa, La Paz, Borongan, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Fines Array B.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TEH, BUI, ISCJB, NEIC, CSEM, MOS, ISC, IMOK, SHI, etc.

MAN 23 22:49:13, 1232N, 12569E, h70km, mb4.5, ML3.3, MS3.2, Samar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Borongan, Catarman, Palo, Virac, Maasin.

ISC 23 23:14:27.7, 3.1, 3433S, 17954W, h0km, mb3.9/2, mb1.4/1.3, mb1mx3.9/3, ML3.6/1, MS2.8/1, Ms1.2.8/1, ms1mx2.5/2.4, Error ellipse: s-maj=68.7km s-min=36.2km az=115.0

ISC 23 23:14:36.6, 2.2, 3445S, 008, 1799E, 0.4, h35km, n11, c099/17, mb3.7/2, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mutekaoa Point, Puketiiti, Matawai, Urewera, etc.

ISC 23 23:39:07.4, 1.2, 833S, 15704E, h0km, mb3.8/5, mb1.3/9/6, mb1mx3.8/15, mb1mx3.8/6, ML4.3/1, Error ellipse: s-maj=28.6km s-min=25.9km az=19.0

ISCJB 23 23:39:10.8, 0.9, 845, 02, 15699E, 007, h33km, mb3.8/6, Error ellipse: s-maj=22.7km s-min=9.1km az=8.1

NEIC 23 23:39:12.2, 0.9, 842S, 15709E, h35km, mb4.4/1, Error ellipse: s-maj=23.1km s-min=15.6km az=178.0

ISC 23 23:39:12.6, 0.9, 845, 02, 15700E, 007, h35km, n10, c113/12, mb3.8/6, Bougainville - Solomon Islands region

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

TRN 23 23:43:39.4, 1609N, 6123W, h22km, MD3.3, M2.8(FDF), M3.1(FDF), 2C-2D, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Saint Francois, Marie-Galante, La Desirade, etc.

MAN 23 23:47:55, 1232N, 12565E, h58km, mb4.5, ML3.3, MS3.2, Samar

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

ISC 23 23:52:09.1, 6.5, 3049S, 17820W, h0km, mb3.9/2, mb1.4/1.2, mb1mx3.8/12, mb1mx3.9/2, Error ellipse: s-maj=258.3km s-min=57.8km az=155.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Fines Array B.

TEH 24 00:18:42.2, 2802N, 5166E, h5km, ML4.2, BUI 24 00:18:46.8, 2850N, 5143E, h13km, mb4.7, ISCJB 24 00:18:47.5, 0.2, 2809N, 002, 5183E, 0.02, h10km, mb4.3/56, Error ellipse: s-maj=3.1km s-min=3.0km az=33.4

ISC 24 00:18:47.3, 0.7, 2809N, 5192E, h0km, mb4.3/20, mb1.4, 3/23, mb1mx4.3/29, mb1mx4.3/23, ML3.7/3, MS3.4/2, Ms1.3.4/2, ms1mx2.9/28, Error ellipse: s-maj=18.3km s-min=13.5km az=22.0

NEIC 24 00:18:49.5, 2810N, 5171E, h4km, mb4.2/27, MN4.2(TEH), After TEH

CSEM 24 00:18:50.9, 0.1, 2812N, 5187E, h35km, mb4.3/24, Error ellipse: s-maj=2.0km s-min=1.7km az=24.0

MOS 24 00:18:50.3, 0.7, 2804N, 5181E, h33km, mb4.5/27, Error ellipse: s-maj=8.5km s-min=4.9km az=116.5

ISC 24 00:18:49.5, 0.2, 2811N, 002, 5183E, 0.02, h10km, n225, c1501/233, mb4.3/56, 17C-3D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mook, Shiraz, Al-Qurain, Kabd, Al-Radifah, Umm Al-Rimman, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Elat, Mount Heron Ar, Malatya, etc.

Table with columns: LSA, Lhasa, 34.34 78 eP, P, 00 25 36.1 -0.4. Includes stations like ZAL Zalesovo, GERES GRESS Array B, KHC Kasperske Hory, etc.

Table with columns: YKA Yellowknife Ar, 89.06 354 P, P, 00 31 44.0 -0.5. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, BOZ Bozeman (W), etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATAH Aathualpa, NNA Nana, OTAV Otavalo, etc.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and various numerical data points for stations like JCR, FORC, JTS, etc.

ISCJB 24 02:36:19.8-0.1, 7.08S-0.02-80.52W-0.02, h10km, mb5.8/261, MS6.1/238, Error ellipse: s-maj=4.0km s-min=1.9km az=35.8
IDC 24 02:36:19.2-0.4, 6.94S-80.67W, h0km, mb5.3/25, mb1 5.4/29, mb1mx5.4/29, mbmp5.2/29, ML4.7/4, MS6.1/21, Ms1 6.1/21, ms1mx5.8/27, Error ellipse: s-maj=10.3km s-min=7.1km az=72.0
CRAAG 24 02:36:20.7, 6.92S-80.51W, Mw6.3
BUJ 24 02:36:22.0, 7.00S-80.50W, h23km, mB6.3, Ms6.4, Msz6.3
MOS 24 02:36:22.9-0.9, 6.95S-80.57W, h27km, mb5.0/4, MS6.1/69, Error ellipse: s-maj=6.6km s-min=4.5km az=86.2
GCMT 24 02:36:23.6-0.1, 7.03S-80.71W, h24km, Mw6.3/106, Moment Tensor Solution, s106.c245; s102.c379; Duration: 36 Moment tensor: Scale 10^18Nm; Mn: 2.11±.02; M0: 0.25±.01; M0: 1.86±.02; M0: 0.69±.03; M0: 0.69±.01; M0: 3.42±.06; Best double couple: M0: 0.7800x10^18 NP1: 333.00000°, 87.600000°, 1.76.00000°. NP2: 36.167.00000°, 87.500000°, 1.94.00000°. Principal axes: T: 4.0950, Plg60.0000°, Azm83.0000°; N: -0.0350, Plg4.0000°, Azm346.0000°; P: -4.0610, Plg29.0000°, Azm254.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.
IGIL 24 02:36:23.0, 6.92S-80.32W, h15km, MS6.5
NEIC 24 02:36:23.6-0.2, 7.01S-80.49W, h23km, mb5.9/203, ME6.3, MS6.1/187, MW6.3, ML6.2(LIM), Error ellipse: s-maj=5.1km s-min=3.4km az=41.0 Broadband fault plane solution: P waves. NP1: 35.170.00000°, 87.500000°, 1.90.00000°. NP2: 35.350.00000°, 81.500000°, 1.90.00000°. Principal axes: T: Plg60.0000°, Azm80.0000°; N: Plg0.0000°, Azm0.0000°; P: Plg30.0000°, Azm260.0000°. Moment Tensor Solution s89 Moment tensor: Scale 10^18 Nm; Mn: 1.95; M0: 1.3; M0: 2.08; M0: 0.46; M0: 0.15; M0: 2.82; Best double couple: M: 3.50000x10^18 NP1: 35.100000°, 87.900000°, 1.91.00000°. Principal axes: T: 3.4700, Plg62.0000°, Azm73.0000°; N: 0.0600, Plg7.0000°, Azm175.0000°; P: -3.5300, Plg27.0000°, Azm269.0000°. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.
NEIC Fell [IV] at Chiclayo and Pimentel. Also felt at Cajamarca, Eten and Jaen.
BGS 24 02:36:33.0, 4.53S-80.46W, h25km, mb5.9, MS6.1
ISC 24 02:36:33.1-0.3, 6.97S-80.33W, h10km, mb5.9/203, MS6.1/238, Error ellipse: s-maj=4.0km s-min=1.9km az=35.8
h21km, 3.0km, P: 329, -0.994/1310, mb5.8/260, MS6.1/238, 362C-304D, Near coast of northern Peru

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and various numerical data points for stations like NNA, NNA, NNA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and various numerical data points for stations like SOR, DEG, BFA, etc.



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like USIN, MNTX, WCI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WUAZ, WUPAKI, X14A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like V11A, T13A, TUQ, etc.



SBC	Santa Barbara	55.43 321	↑P	P	02 45 58.4 +1.5
SBC	baz=56		↓S	S	02 53 42.1 +0.2
ISA	Isabella	55.47 322	↓P	P	02 45 58.0 +0.9
ISA	baz=56		↑S	S	02 53 42.8 +0.5
CTU	Camp Tracy	55.48 331	↑P	P	02 45 59.5 +2.3
EYMN	Ely	55.54 351	↑P	P	02 45 56.0 -1.4
EYMN	comp=Z,181nm,1.3s,mb5.9				
DUG	Dugway	55.61 330	↑P	P	02 45 58.1 0.0
DUG	comp=Z,222nm,1.5s,mb6.0				
DUG	Dugway	55.61 330	↑P	P	02 45 58.1 0.0
DUG	comp=Z,222nm,1.5s,mb6.0				
DUG	Dugway	55.61 330	↑P	P	02 45 59.2 +1.1
DUG	baz=56		↓S	S	02 53 44.3 +0.2
NOQ	North Oquirrh	55.62 331	↑P	P	02 46 00.9 +2.7
TRCR	Troy Canyon	55.68 327	↑P	P	02 45 59.7 +0.4
GRAC	Grapevine Rang	55.73 324	↑P	P	02 45 59.7 +0.7
GRAC	baz=56		↑S	S	02 53 46.5 +0.8
CWC	Cottonwood Cre	55.76 323	↑P	P	02 45 59.6 +0.4
CWC	baz=56		↑S	S	02 53 47.7 +1.6
Q12A	Willow Creek R	55.77 328	↑P	P	02 45 60.0 +0.7
Q12A	baz=56		↓S	S	02 53 47.4 +1.1
PKM	Peak Mountain	55.79 321	↑P	P	02 45 59.9 +0.4
PKM	baz=56		↓S	S	02 53 46.4 -0.3
S10A	Tonopah Range,	55.93 326	↑P	P	02 46 00.7 +0.2
S10A	baz=56		↓S	S	02 53 48.7 +0.3
VES	Vestal, Richgr	55.95 322	↑P	P	02 46 00.7 +0.1
VES	baz=56		↑S	S	02 53 49.8 +1.0
R10A	Warm Springs	56.03 326	↑P	P	02 46 01.7 +0.6
R10A	baz=56		↓S	S	02 53 50.8 +1.2
Q11A	Duckwater	56.07 327	↑P	P	02 46 01.5 +0.1
Q11A	baz=56		↓S	S	02 53 52.2 +2.0
HWUT	Hardware Ranch	56.11 332	↑P	P	02 46 00.6 -1.0
HWUT	comp=Z,24um,21.0s,MS6.3				
P12A	McGill	56.13 328	↑P	P	02 46 02.3 +0.4
P12A	baz=56		↓S	S	02 53 52.0 +1.0
BW06	Boulder Array	56.14 334	↑P	P	02 46 00.8 -1.1
BW06	comp=Z,90nm,1.4s,mb5.6				
PDAR	Pinedale Array	56.14 334	↑P	P	02 46 00.5 -1.3
PDAR	comp=Z,12nm,0.9s,mb4.9,slow=131,slow=8.3,SNR=51				
PDAR	comp=Z,0.5nm,0.9s,slow=103,slow=6.7,SNR=2.5				
PDAR	comp=Z,19um,18.9s,MS6.2,slow=149,slow=36				
S09A	Goldfield	56.15 325	↑P	P	02 46 01.7 -0.3
S09A	baz=56		↓S	S	02 53 53.0 +1.7
SMMC	Simmler	56.17 321	↑P	P	02 46 02.2 0.0
SMMC	baz=56		↑S	S	02 53 52.6 +0.9
TIN	Tinemaha	56.26 324	↑P	P	02 46 02.5 -0.4
TIN	baz=56		↑S	S	02 53 52.7 -0.1
BGU	Big Grassy Mou	56.27 331	↑P	P	02 46 03.7 +0.9
SPUT	South Promont	56.29 331	↑P	P	02 46 04.3 +1.4
RCTC	Rector, Farmer	56.36 323	↑P	P	02 46 03.4 -0.2
RCTC	baz=57		↑S	S	02 53 54.0 -0.2
TPH	Topnah	56.39 325	↑P	P	02 46 03.6 -0.1
TPH	comp=Z,66nm,1.1s,mb5.6				
TPH	comp=Z,12um,21.0s,MS6.0				
TPH	Tonopah	56.39 325	↑P	P	02 46 07.0 +3.3
M15A	Larsen Ranch,	56.41 331	↑P	P	02 46 04.2 +0.4
M15A	baz=57		↓S	S	02 53 55.2 +0.6
R09A	Tonopah	56.42 326	↑P	P	02 46 04.5 +0.5
R09A	baz=57		↓S	S	02 53 54.3 -0.6
Q10A	Clear Creek Ra	56.46 327	↑P	P	02 46 04.6 +0.4
Q10A	baz=57		↓S	S	02 53 57.4 +2.0
V05C	Boulder Hill,	56.48 322	↑P	P	02 46 04.6 +0.2
V05C	baz=57		↑S	S	02 53 56.9 +1.2
HELL	Mitchell Peak	56.48 323	↑P	P	02 46 04.5 +0.1
HELL	baz=57		↓S	S	02 53 55.6 -0.1
S08C	White Mtn Res	56.53 324	↑P	P	02 46 04.7 -0.1
S08C	baz=57		↑S	S	02 53 57.4 +1.0
O12A	Currie	56.64 329	↑P	P	02 46 05.9 +0.5
O12A	comp=Z,58nm,1.0s,ms6.1		↓S	S	02 53 59.8 +2.1
P11A	Circle Ranch,	56.64 328	↑P	P	02 46 05.6 +0.1
P11A	baz=57		↑S	S	02 53 58.7 +1.0
MTUM	Tungsten Hills	56.66 324	↑P	P	02 46 07.4 +1.8
AGMN	Agassiz Refuge	56.68 348	↑P	P	02 46 03.9 -1.7
AGMN	comp=Z,140nm,0.7s,mb6.1				
N13A	Wendover, West	56.80 330	↑P	P	02 46 06.6 0.0
N13A	baz=57		↓S	S	02 54 00.3 +0.5
HVU	Hansel Valley	56.81 331	↑P	P	02 46 05.9 -0.7
HVU	comp=Z,58nm,0.9s,ms6.6		↑S	S	02 46 06.4 -0.2
AHID	Auburn Hatcher	56.81 333	↑P	P	02 46 05.7 -0.9
AHID	comp=Z,219nm,1.5s,mb6.0				
AHID	comp=Z,20um,20.0s,MS6.2				
M14A	Sheep Mountain	56.87 331	↑P	P	02 46 06.2 -0.8
M14A	baz=57		↓S	S	02 54 01.2 +0.5
Q09A	Carvers	56.90 326	↑P	P	02 46 07.6 +0.3
Q09A	baz=57		↓S	S	02 54 03.2 +2.0
U05C	Westside ANR,	56.91 322	↑P	P	02 46 06.5 -1.0
U05C	baz=57		↑S	S	02 54 02.4 +0.9

PKD	Parkfield	56.92 321	↑P	P	02 46 07.5 -0.1
PKD	baz=57		↓S	S	02 54 02.1 +0.5
V04C	Ramage Ranch,	56.93 321	↑P	P	02 46 08.5 +0.9
V04C	baz=57		↑S	S	02 54 02.8 +1.1
MLAC	Mammoth Lakes	57.01 324	↑P	P	02 46 08.8 +0.6
MLAC	baz=57		↑S	S	02 54 02.8 +0.1
O11A	Covey Ranch,	57.01 328	↑P	P	02 46 08.7 +0.7
O11A	baz=57		↓S	S	02 54 03.8 +1.2
P10A	Eureka	57.07 327	↑P	P	02 46 09.3 +0.8
P10A	baz=57		↓S	S	02 54 04.8 +1.4
R08A	Mina	57.08 325	↑P	P	02 46 08.3 -0.3
R08A	baz=57		↓S	S	02 54 03.8 +0.1
KCC	Kaiser Creek	57.09 323	↑P	P	02 46 08.0 -0.7
KCC	baz=57		↑S	S	02 54 02.3 -1.4
T06C	Millerton Lake	57.11 323	↑P	P	02 46 07.9 -1.0
T06C	baz=57		↓S	S	02 54 01.7 -2.3
M13A	Montello	57.16 330	↑P	P	02 46 08.9 -0.3
M13A	baz=57		↑S	S	02 54 04.9 +0.3
REDW	Red Top Meadow	57.18 334	↑P	P	02 46 08.6 -0.6
N12A	Clover Valley,	57.22 329	↑P	P	02 46 09.8 +0.2
N12A	baz=58		↓S	S	02 54 06.0 +0.6
ELK	Elko	57.24 329	↑P	P	02 46 09.6 -0.1
ELK	comp=Z,57nm,0.8s,ms5.7				
ELK	comp=Z,23um,20.0s,MS6.3				
NVAR	Mina Array Bea	57.25 325	↑P	P	02 46 09.3 -0.5
NVAR	baz=58		↑S	S	02 54 06.0 +0.2
NVAR	comp=Z,0.5nm,0.5s,slow=352,slow=40,SNR=2.4				
NVAR	comp=Z,0.8nm,0.7s,slow=336,slow=2.3,SNR=3.6				
LOHW	Long Hollow	57.27 334	↑P	P	02 46 08.8 -1.1
LOHW	comp=Z,32nm,0.8s,ms5.4				
Q08A	Gabbs	57.34 326	↑P	P	02 46 10.1 -0.3
Q08A	baz=58		↓S	S	02 54 08.0 +1.0
U04C	Hernandez Rese	57.34 322	↑P	P	02 46 10.2 -0.3
U04C	baz=58		↑S	S	02 54 06.8 -0.3
P09A	Austin	57.38 327	↑P	P	02 46 11.0 +0.3
P09A	baz=58		↓S	S	02 54 07.7 +0.1
V03C	Hunter Liggett	57.40 321	↑P	P	02 46 11.1 +0.2
V03C	baz=58		↑S	S	02 54 08.6 +0.6
R07C	Lee Vining	57.44 324	↑P	P	02 46 11.8 +0.6
R07C	baz=58		↓S	S	02 54 09.7 +1.3
MOOV	Moose Ponds	57.44 334	↑P	P	02 46 10.6 -0.5
DCID	Drake Creek	57.51 334	↑P	P	02 46 11.4 -0.2
N11A	Elko Archery C	57.55 329	↑P	P	02 46 12.1 +0.2
N11A	baz=58		↑S	S	02 54 10.7 +1.0
O10A	Coez Mining,	57.57 328	↑P	P	02 46 12.4 +0.4
O10A	baz=58		↑S	S	02 54 10.4 +0.5
M12A	Wells	57.58 330	↑P	P	02 46 12.0 0.0
M12A	baz=58		↓S	S	02 54 09.6 -0.5
K14A	Jones Ranch, D	57.59 332	↑P	P	02 46 11.4 -0.7
K14A	baz=58		↓S	S	02 54 09.7 -0.4
L13A	Double Diamond	57.60 331	↑P	P	02 46 12.3 0.0
L13A	baz=58		↑S	S	02 54 10.9 +0.5
T05C	Eagle Field, D	57.62 322	↑P	P	02 46 12.2 -0.3
T05C	baz=58		↑S	S	02 54 09.8 -1.0
S05C	Merced	57.70 323	↑P	P	02 46 12.8 -0.2
S05C	baz=58		↑S	S	02 54 10.4 -1.4
S06C	San Francisco	57.77 324	↑P	P	02 46 14.1 +0.6
S06C	baz=58		↓S	S	02 54 12.0 -0.8
HAST	UC Hastings Re	57.83 321	↑P	P	02 46 14.4 +0.4
HAST	baz=58		↑S	S	02 54 14.0 +0.4
O09A	Fish Creek Ran	57.85 327	↑P	P	02 46 14.1 +0.1
O09A	baz=58		↓S	S	02 54 13.8 +0.1
N10A	Dunphy	57.88 328	↑P	P	02 46 14.1 -0.1
N10A	baz=58		↓S	S	02 54 15.8 +1.7
Q07A	Schurz	57.88 325	↑P	P	02 46 15.0 +0.7
Q07A	baz=58		↓S	S	02 54 13.5 -0.6
RLMT	Red Lodge	57.95 336	↑P	P	02 46 13.4 -1.2
RLMT	comp=Z,64nm,1.0s,ms6.5				
WAKR	Walker	57.95 324	↑P	P	02 46 15.4 +0.6
LKWY	Lake	57.96 335	↑P	P	02 46 15.9 +1.2
LKWY	comp=Z,236nm,1.8s,ms5.9				
LKWY	comp=Z,29um,20.0s,MS6.4				
LKWY	comp=Z,240nm,1.7s,ms6.0				
R06C	Coleville	57.97 324	↑P	P	02 46 15.3 +0.4
R06C	baz=58		↑S	S	02 54 15.5 +0.2
P08A	Dixie Valley	58.00 326	↑P	P	02 46 15.6 +0.5
P08A	baz=58		↓S	S	02 54 15.8 +0.1
SAO	San Andreas Ge	58.01 322	↑P	P	02 46 16.8 +1.6
SAO	comp=Z,102nm,1.4s,ms5.7				
SAO	comp=Z,10um,20.0s,MS5.9				
SAO	comp=Z,102nm,1.4s,ms5.7				
M11A	Holland Ranch,	58.03 329	↑P	P	02 46 14.9 -0.3
M11A	baz=58		↓S	S	02 54 15.5 -0.5
YFT	Old Faithful	58.05 335	↑P	P	02 46 16.5 +1.2
BMN	Battle Mountai	58.05 327	↑P	P	02 46 15.4 -0.1
BMN	comp=Z,123nm,1.4s,ms5.7				

BMN	Battle Mountai	58.05 327	↑P	P	02 46 15.8 +0.4
BMN	comp=Z,120nm,1.3s,ms5.8				
PACP	Pacheco Peak	58.06 322	↑P	P	02 46 14.8 -0.8
PACP	baz=58		↓S	S	02 54 17.4 +0.8
K13A	Stover Farm, H	58.10 331	↑P	P	02 46 15.7 0.0
K13A	baz=58		↑S	S	02 54 17.8 +0.9
LAO	LASA Array	58.13 339	↑P	P	02 46 16.1 +0.2
LAO	comp=Z,284nm,1.6s,ms6.0				
L12A	House Creek Ra	58.17 330	↑P	P	02 46 16.2 0.0
L12A	baz=58		↓S	S	02 54 17.9 +0.1
CMB	Columbia Colle	58.19 323	↑P	P	02 46 17.4 +0.9
CMB	comp=Z,48nm,1.2s,ms5.4				
CMB	Columbia Colle	58.19 323	↑P	P	02 46 17.5 +1.1
CMB	comp=Z,11um,22.0s,MS5.9				
CMB	comp=Z,48nm,1.2s,ms5.4				
CMB	Columbia Colle	58.19 323	↑P	P	02 46 16.2 -0.2
CMB	baz=58		↓S	S	02 54 17.7 -0.6
YNR	Norris Junctio	58.19 335	↑P	P	02 46 18.8 +2.5
YMR	Madison River	58.28 335	↑P	P	02 46 18.1 +1.2
YMR	comp=Z,68nm,0.8s,ms5.7				
P07A	Fallon	58.34 326	↑P	P	02 46 17.4 -0.1
P07A	baz=59		↑S	S	02 54 20.9 +0.8
S04C	Ingram Canyon,	58.41 322	↑P	P	02 46 18.2 +0.2
S04C	baz=59		↑S	S	02 54 21.6 +0.5
R05C	Kirkwood Meado	58.45 324	↑P	P	02 46 18.6 +0.3
R05C	baz=59		↑S	S	02 54 22.6 +1.0
O08A	Rochester Mine	58.46 327	↑P	P	02 46 18.0 -0.3
O08A	baz=59		↑S	S	02 54 21.4 -0.2
M10A	L.L. Ranch, Tu				

N07B	baz=60	59.30 326	↑P	P	02 54 31.7 -0.1
O06A	Flanigan	59.30 326	↑P	P	02 46 24.0 -0.1
O06A	baz=60, SNR=16		↓S	S	02 54 32.0 -0.5
Q04C	Lincoln	59.30 323	↑P	P	02 46 24.7 +0.5
Q04C	baz=60		↑S	S	02 54 32.3 -0.4
G15A	Dillon	59.33 334	↑P	P	02 46 23.8 -0.4
G15A	baz=60, SNR=20		↓S	S	02 54 31.9 -0.8
BOZ	Bozeman (W)	59.34 335	eP	P	02 46 23.0 -1.3
BOZ	comp=Z,124nm,1.3s,mb5.8		LR	LR	
BOZ	comp=Z,15um,19.0s,MS6.1		LR	LR	
BOZ	Bozeman (W)	59.34 335	eP	P	02 46 23.0 -1.3
BOZ	comp=Z,124nm,1.3s,mb5.8		pmax	pmax	
BOZ	comp=Z,15um,19.0s,MS6.1		MLR	MLR	
BOZ	Bozeman (W)	59.34 335	↑P	P	02 46 24.4 +0.1
BOZ	baz=60		↑S	S	02 54 30.7 -2.2
M08A	Happy Creek Ra	59.39 328	↑P	P	02 46 24.2 -0.5
M08A	baz=60, SNR=24		↓S	S	02 54 33.1 -0.6
BEKR	Beckworth	59.39 325	↑P	P	02 46 24.9 +0.1
BEKR	baz=60, SNR=30		↑S	S	02 54 33.7 -0.1
L09A	Wilkinson Ranc	59.42 328	↑P	P	02 46 24.4 -0.6
L09A	baz=60, SNR=47		↑S	S	02 54 33.4 -0.7
MFID	Camas Ranch	59.52 331	↑P	P	02 46 25.2 -0.4
MFID	baz=60, SNR=57		↓S	S	02 54 35.5 +0.3
DLMT	Dillon	59.53 334	eP	P	02 46 26.5 +0.9
FARB	Farallon Islan	59.55 322	↑P	P	02 46 25.5 -0.4
FARB	baz=60		↓S	S	02 54 34.6 -1.4
K10A	MacKenzie Ranc	59.56 330	↑P	P	02 46 25.4 -0.5
K10A	baz=60, SNR=41		↓S	S	02 54 35.1 -0.8
CVS	Carment Viney	59.63 322	↑P	P	02 46 23.8 -2.7
CVS	baz=60		↓S	S	02 54 37.3 +0.3
H13A	Challis	59.64 333	↑P	P	02 46 25.9 -0.5
H13A	baz=60, SNR=30		↑S	S	02 54 35.1 -1.8
OHCM	Honcut	59.69 324	eP	P	02 46 27.2 +0.4
N06A	Buffalo Meadow	59.70 326	↑P	P	02 46 26.6 -0.3
N06A	baz=60, SNR=58		↓S	S	02 54 38.6 +0.9
MCCM	Marconi Confer	59.76 322	PFAKE	LR	02 46 40.0 +1.3
MCCM	comp=Z,10um,20.0s,MS6.0		LR	LR	
MCCM	Marconi Confer	59.76 322	↑P	P	02 46 26.5 -0.9
MCCM	baz=60		↓S	S	02 54 37.4 -1.2
M07A	Soldier Meadow	59.77 327	↑P	P	02 46 26.8 -0.6
M07A	baz=60, SNR=15		↑S	S	02 54 37.8 -0.9
O05C	Quincy	59.78 325	↑P	P	02 46 27.0 -0.5
O05C	baz=60, SNR=15		↓S	S	02 54 39.1 +0.3
G14A	Jackson	59.81 334	↑P	P	02 46 26.9 -0.7
G14A	baz=60, SNR=11		↓S	S	02 54 36.6 -2.4
LRM	Limekiln Ridge	59.83 335	eP	P	02 46 27.6 -0.1
ORV	Croville	59.84 324	↑P	P	02 46 28.0 +0.1
ORV	baz=60, SNR=40		↑S	S	02 54 40.2 +0.6
F15A	Butte	59.86 335	↑P	P	02 46 27.8 -0.1
F15A	baz=60, SNR=16		↓S	S	02 54 37.7 -1.9
L08A	Fields	59.90 328	↑P	P	02 46 27.8 -0.4
L08A	baz=60, SNR=43		↑S	S	02 54 39.7 -0.5
H12A	Diamond D Ranc	59.91 332	↑P	P	02 46 28.0 -0.3
H12A	baz=60, SNR=34		↑S	S	02 54 40.3 +0.1
K09A	Rome	59.94 329	↑P	P	02 46 28.1 -0.4
K09A	baz=60, SNR=94		↑S	S	02 54 41.1 +0.4
I11A	Placerville	59.95 331	↑P	P	02 46 28.2 -0.3
I11A	baz=60, SNR=31		↑S	S	02 54 41.3 +0.4
MNRC	McLaughlin Nat	59.96 323	↑P	P	02 46 28.1 -0.6
MNRC	baz=60		↓S	S	02 54 42.3 +1.1
J10A	Berg Farm, Mel	59.99 330	↑P	P	02 46 28.4 -0.4
J10A	baz=60		↑S	S	02 54 41.5 +0.2
G13A	Cobalt	60.04 333	↑P	P	02 46 28.9 -0.3
G13A	baz=60, SNR=27		↑S	S	02 54 40.9 -1.0
ELFS	Eagle Lake Fie	60.11 325	↑P	P	02 46 29.3 -0.4
ELFS	baz=60		↑S	S	02 54 43.1 +0.1
O04C	Chester	60.11 325	↑P	P	02 46 29.8 +0.1
O04C	baz=60, SNR=18		↓S	S	02 54 42.4 -0.6
F14A	Wisdom	60.22 334	↑P	P	02 46 30.7 +0.3
F14A	baz=60, SNR=14		↓S	S	02 54 43.5 -0.6
WVOR	Wild Horse Val	60.22 328	eP	P	02 46 29.8 -0.6
WVOR	comp=Z,147nm,1.4s,mb5.8		LR	LR	
WVOR	comp=Z,18um,21.0s,MS6.2		P	pmax	02 46 29.8 -0.6
WVOR	comp=Z,147nm,1.4s,mb5.8		pmax	pmax	
L07A	Adell	60.30 327	↑P	P	02 46 30.4 -0.6
L07A	baz=61, SNR=12		↑S	S	02 54 43.8 -1.6
K08A	Mann Creek Ran	60.35 329	↑P	P	02 46 31.4 0.0
K08A	baz=61, SNR=18		↓S	S	02 54 45.6 -0.4
M06C	Likely Place G	60.36 326	↑P	P	02 46 31.8 +0.4
M06C	baz=61, SNR=11		↓S	S	02 54 45.6 -0.7
E15A	Deer Lodge	60.39 335	↑P	P	02 46 30.8 -0.7
E15A	baz=61, SNR=14		↑S	S	02 54 45.1 -1.3
H05A	Hopland	60.41 323	eP	P	02 46 33.9 +2.0
H05A	comp=Z,130nm,1.3s,mb5.8		LR	LR	
HOPS	comp=Z,13um,20.0s,MS6.1		LR	LR	
HOPS	Hopland	60.41 323	↑P	P	02 46 32.2 +0.4
HOPS	baz=61		↑S	S	02 54 48.5 +1.5
J09A	Fry Pan Ranch,	60.42 329	↑P	P	02 46 31.6 -0.2

J09A	baz=61, SNR=25		↑S	S	02 54 46.1 -0.8
O03C	Acorn Hollow,	60.44 324	↑P	P	02 46 32.0 0.0
O03C	baz=61		↓S	S	02 54 45.0 -2.4
I10A	Payette	60.49 331	↑P	P	02 46 32.4 +0.1
I10A	baz=61, SNR=14		↓S	S	02 54 47.3 -0.4
EGMT	Eagleton	60.54 338	eP	P	02 46 32.1 -0.4
EGMT	comp=Z,120nm,1.1s,mb5.9		LR	LR	
EGMT	comp=Z,9um,20.0s,MS5.9		LR	LR	
EGMT	Eagleton	60.54 338	↑P	P	02 46 32.0 -0.5
EGMT	baz=61		↑S	S	02 54 46.2 -2.0
H11A	Donnelly	60.57 332	↑P	P	02 46 32.4 -0.3
H11A	baz=61, SNR=16		↑S	S	02 54 47.9 -0.8
F13A	Darby	60.62 333	↑P	P	02 46 33.1 0.0
F13A	baz=61, SNR=26		↓S	S	02 54 48.0 -1.4
GASB	Alder Springs	60.62 323	↑P	P	02 46 32.9 -0.3
GASB	baz=61, SNR=13		↓S	S	02 54 48.6 -1.1
HATC	Hot Creek Radi	60.66 325	↑P	P	02 46 33.7 +0.3
HATC	baz=61, SNR=10		↓S	S	02 54 49.6 -0.4
K07A	Rock Creek Ran	60.72 328	↑P	P	02 46 34.1 +0.2
K07A	baz=61, SNR=10		↓S	S	02 54 49.1 -1.7
MOD	Modoc	60.74 327	eP	P	02 46 33.5 -0.5
MOD	comp=Z,170nm,1.4s,mb6.0		LR	LR	
MOD	comp=Z,7um,20.0s,MS5.8		LR	LR	
MOD	Modoc	60.74 327	↑P	P	02 46 32.4 -1.6
MOD	baz=61, SNR=43		↓S	S	02 54 50.9 -0.1
E14A	Clinton	60.74 334	↑P	P	02 46 33.5 -0.4
E14A	baz=61, SNR=20		↑S	S	02 54 49.9 -1.0
J08A	Circle Bar Ran	60.80 329	↑P	P	02 46 33.6 -0.7
J08A	baz=61, SNR=13		↓S	S	02 54 51.1 -0.6
D15A	Lincoln	60.83 335	↑P	P	02 46 33.3 -1.2
D15A	baz=61		↓S	S	02 54 51.2 -0.8
H10A	Noah's Angus R	60.83 331	↑P	P	02 46 33.9 -0.6
H10A	baz=61, SNR=15		↓S	S	02 54 50.0 -2.1
M05C	Lookout	60.84 326	↑P	P	02 46 34.2 -0.5
M05C	baz=61, SNR=38		↓S	S	02 54 52.6 +0.3
I09A	Lost Marbles R	60.87 330	↑P	P	02 46 33.9 -0.9
I09A	baz=61, SNR=8.4		↑S	S	02 54 51.6 -1.0
P01C	Doyle 8 Ranch	60.88 323	↑P	P	02 46 33.3 -1.7
P01C	baz=61		↓S	S	02 54 53.7 +0.9
O02C	Red Bluff	61.00 324	↑P	P	02 46 35.2 -0.6
O02C	baz=61		↑S	S	02 54 51.5 -2.9
F12A	Elk City	61.01 333	↑P	P	02 46 35.5 -0.3
F12A	baz=61, SNR=37		↑S	S	02 54 51.6 -2.7
CHMT	Chamberlain Mo	61.03 335	eP	P	02 46 36.6 +0.8
E13A	Victor	61.06 334	↑P	P	02 46 35.4 -0.7
E13A	baz=61, SNR=20		↓S	S	02 54 53.8 -1.2
WDC	Whiskeytown Da	61.12 324	eP	P	02 46 35.0 -1.6
WDC	comp=Z,63nm,1.4s,mb5.5		LR	LR	
WDC	comp=Z,6um,21.0s,MS5.7		P	pmax	02 46 36.4 -0.2
WDC	Whiskeytown Da	61.12 324	P	pmax	
WDC	comp=Z,63nm,1.3s,mb5.6		P	pmax	02 46 34.5 -2.1
WDC	Whiskeytown Da	61.12 324	↑P	P	02 46 34.5 -2.1
WDC	baz=61		↑S	S	02 54 50.9 -5.0
L05A	Lakeview	61.13 327	↑P	P	02 46 35.7 -0.9
L05A	baz=61, SNR=26		↑S	S	02 54 55.6 -0.4
J07A	Hines	61.24 329	↑P	P	02 46 37.3 0.0
J07A	baz=62		↓S	S	02 54 56.4 -0.9
I08A	Brewsey	61.24 329	↑P	P	02 46 36.6 -0.7
I08A	baz=62, SNR=14		↑S	S	02 54 56.5 -0.8
MSO	Missoula	61.26 334	eP	P	02 46 36.9 -0.5
MSO	comp=Z,127nm,1.3s,mb5.9		LR	LR	
D14A	Greenough	61.27 335	↑P	P	02 46 37.0 -0.4
D14A	comp=Z,9um,20.0s,MS5.9		LR	LR	
BMO	Blue Mountains	61.30 331	eP	P	02 46 37.0 -0.7
BMO	comp=Z,85nm,1.5s,mb5.7		LR	LR	
K06A	Valley Falls	61.33 328	↑P	P	02 46 37.6 -0.3
K06A	baz=62, SNR=20		↓S	S	02 54 58.1 -0.5
M03C	McCloud	61.33 325	↑P	P	02 46 37.0 -1.0
M03C	baz=62		↓S	S	02 54 55.9 -2.7
H09A	Durkee	61.33 331	↑P	P	02 46 37.3 -0.7
H09A	baz=62, SNR=13		↓S	S	02 54 56.8 -1.7
M04C	Macdoel	61.51 326	↑P	P	02 46 38.2 -1.0
M04C	baz=62, SNR=15		↓S	S	02 55 00.2 -0.6
F11A	Grangeville	61.52 332	↑P	P	02 46 38.4 -0.8
F11A	baz=62, SNR=25		↓S	S	02 54 57.1 -3.7
O01C	Eel River Cons	61.59 323	↑P	P	02 46 39.1 -0.6
O01C	baz=62		↓S	S	02 55 02.0 +0.1
J06A	Christmas Vall	61.59 328	↑P	P	02 46 39.4 -0.3
J06A	baz=62, SNR=20		↓S	S	02 55 01.6 -0.3
D13A	Huson	61.69 334	↑P	P	02 46 40.6 +0.3
D13A	baz=62, SNR=15		↓S	S	02 55 01.8 -1.1
H08A	Prairie City	61.72 330	↑P	P	02 46 41.0 +0.4
H08A	baz=62, SNR=34		↑S	S	02 55 02.5 -0.9
H0G	Hogback Mounta	61.74 326	P	P	02 46 42.6 +1.9
L04A	Klamath Falls	61.80 326	↑P	P	02 46 40.5 -0.7
L04A	baz=62, SNR=13		↓S	S	02 55 03.2 -1.3
M02C	Callahan	61.83 325	↑P	P	02 46 40.6 -0.8
M02C	baz=62, SNR=10.0		↑S	S	02 55 00.9 -4.0

I07A	izee	61.83 329	↑P	P	02 46 41.9 +0.5
I07A	baz=62, SNR=17		↑S	S	02 55 03.6 -1.3
E11A	Boyer Ranch,	61.90 333	↑P	P	02 46 40.6 -1.1
E11A	baz=62, SNR=25		↑S	S	02 55 01.8 -3.9
YBH	Yreka Blue Hor	61.97 325	eP	P	02 46 40.0 -2.3
YBH	comp=Z,39nm,0.9s,mb5.5		LR	LR	
YBH	Yreka Blue Hor	61.97 325	P	pmax	02 46 40.9 -1.4
YBH	comp=Z,39nm,0.9s		P	pmax	
YBH	Yreka Blue Hor	61.97 325	↑P	P	02 46 40.8 -1.5
YBH	baz=62, SNR=11		↓S	S	02 55 03.6 -3.0
K04A	Chiquin	62.00 327	↑P	P	02 46 42.9 +0.3
K04A	baz=62		↑S	S	02 55 06.0 -1.1
F10A	Beach Ranch, E	62.09 332	↑P	P	02 46 43.1 +0.1
F10A	baz=62, SNR=39		↑S	S	02 55 07.5 -0.5
I06A	Prineville	62.10 328	↑P	P	02 46 43.0 -0.1
I06A	baz=62, SNR=38		↓S	S	02 55 09.2 +0.9
JCC	Jacoby Creek	62.14 324	↑P	P	02 46 42.1 -1.4
JCC	baz=62		↑S	S	02 55 07.8 -1.1





Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like La Plagne, Haudompre, Walferdange, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like Bad Segeberg, Moosalm, Furstentfeldbru, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like Colim, Freiberger, Geres, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BOSHA, MORC, MAW, VYHS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRTR, CSS, MA2, MAZ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CTA, Charters Tower, ASAJ, ERM, etc.





24d 4h

2007 FEB

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PSI Prapat, KULM Kulim, WRA Warramunga Arr, etc.

ISC/JB 24 03:22:42.5, 1.0, 1.1S, 0.03:1275E:07, h10km, mb4.0/8, Error ellipse: s-maj=105.4km s-min=13.8km az=158.1, IDC 24 03:22:43.3, 1.4, 1.15S, 0.03:1275E:07, h10km, mb3.8/3, mb1.4/0.4, mb1mx3.7/16, mbtmp3.8/4, ML3.9/1, Error ellipse: s-maj=123.6km s-min=21.3km az=69.0, NEIC 24 03:22:44.7, 0.6, 1.16S, 0.03:12748E:07, h10km, mb4.3/5, Error ellipse: s-maj=68.8km s-min=7.6km az=68.0, ISC 24 03:22:44.4, 1.0, 1.2S, 0.03:1276E:07, h10km, n10, 0.055/10, mb4.0/8, Halmahera

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

FUNV 24 03:41:49.6, 6.84N, 7324W, h183km, MW3.2, ISC/JB 24 03:41:51.3, 0.8, 7.00N, 0.07:7299W:0D8, h176km, 8km, 3K/3/2, Error ellipse: s-maj=13.2km s-min=10.0km az=34.9, IDC 24 03:41:53.7, 4.7, 6.69N, 7336W, h176km, 31km, mb3.0/2, mb1.3/4.3, mb1mx3.1/18, mbtmp3.1/3, Error ellipse: s-maj=109.0km s-min=33.8km az=86.0, ISC 24 03:41:52.2, 0.8, 6.98N, 0.07:7300W:008, h167km, 8km, n15, 0.111/23, mb3.3/2, Northern Colombia

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

BUI 24 03:46:30.0, 7960N, 060E, h10km, mb4.5, MOS 24 03:46:30.4, 1.4, 7966N, 070E, h10km, mb4.6/11, Error ellipse: s-maj=45.0km s-min=10.5km az=95.1, ISC/JB 24 03:46:31.1, 0.4, 7970N, 007:13E:03, h10km, mb4.1/27, MS4.8/1, Error ellipse: s-maj=10.2km s-min=5.9km az=23.7, CSEM 24 03:46:31.1, 0.1, 7996N, 103E, h14km, mb4.4/9, Error ellipse: s-maj=7.1km s-min=2.8km az=35.0, NEIC 24 03:46:32.0, 0.5, 7955N, 057E, h10km, mb4.3/10, Error ellipse: s-maj=15.0km s-min=7.3km az=202.0, IDC 24 03:46:32.0, 0.7, 7994N, 120E, h0km, mb3.8/11, mb1.4/0.14, mb1mx3.9/24, mbtmp3.9/14, ML3.5/3, Error ellipse: s-maj=22.8km s-min=13.9km az=47.0, BER 24 03:46:33.4, 2.6, 7998N, 190E, h15km, 285km, ML3.1, ML3.2(NAO), NAO 24 03:46:36.3, 3.4, 1.4, 7986N, 396E, ML3.2, ISC 24 03:46:37.0, 1.4, 7977N, 006:13E:03, h10km, n89, 1.152/1101, mb4.1/27, MS4.8/1, 5C-2D, Greenland Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KBS Kingsbay, SPB4 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

Main table with columns: ARAO, S, Sn, S, Sn, 03 51 28.3 -7.6, etc. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ELZG Elazig, PERTEK Pertek, MALTA Malatya, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRN Trinidad (W), TCE Chacachacare, TBH Brigand Hill, etc.

BJI 24 04:41:20.7, 4342N, 14773E, h31km, mb4.6
JMA 24 04:41:25.3, 0.2, 4325N, 14738E, h38km, M4.5
MOS 24 04:41:25.7, 1.0, 4346N, 14744E, h60km, mb4.3/10, Error ellipse: s-maj=15.4km s-min=9.3km az=126.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, YUZ Yuzh-Kuril'sk, YUK comp=Z, 1.0um, 0.2s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK comp=N, 250um, 0.3s, YUK comp=E, 460um, 0.2s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK comp=E, 4um, 0.8s, YUK comp=E, 10um, 0.4s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JRA Rausu, KUR Kuril'sk, KUR comp=E, 80nm, 0.4s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNK Nakash, JAK Akkeshi, JTR Abashiri-Toko, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Soginoy Arr, ZAK Zakamensk, ZAK Zakamensk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EK52 Erkin-Say, KKAR Karatay Arr, KKAR Karatay Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEV Kevo, ARCES ARCES Array B, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FIAI FINES Array B, FINEZ FINES Array B, BOZ Bozeman (F), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, ASAR Alice Springs, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF1 Afiamalu, AF1 Afiamalu, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APON Apoyo, MOM Momotombo, HUEN HUEN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TEL3 Telica 3, CONN Concepcion, MADD Villa Maderas, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GVD Gavdhos, VAM Vamos, VAM Vamos, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HKAT Jabal Katrina, ASF Jabal al Asfar, ASF Jabal al Asfar, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOR1 Torri Arr, TOR1 Torri Arr, TOR1 Torri Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FUG Fuego 3, GCG Guatemala City, GCG Guatemala City, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PACY Pacaya, JAT Jato, JAT Jato, etc.

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

ISCJ 24 06:49:54.9, 0.5, 1471N, 90077W, 0.03, h2km, Error ellipse: s-maj=6.6km s-min=3.0km az=23.4
CASC 24 06:49:54.6, 2.6, 1468N, 9078W, h2km, 6km, MD4.2
NEIC 24 06:50:02.4, 1.7, 1502N, 9088W, h35km, Error ellipse: s-maj=32.9km s-min=12.9km az=207.0

NEIC Fel at Antigua Guatemala, Guatemala and Santiago Sacatepequez
ISC 24 06:49:56.0, 0.5, 1469N, 004-9079W, 0.03, h2km, n22, r1919/16, 6C-6D, Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FUG Fuego 3, GCG Guatemala City, GCG Guatemala City, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PACY Pacaya, JAT Jato, JAT Jato, etc.

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

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

ISC 24 07:07:24.0, 1.7, 2.05N, 12795E, h0km, mb4.2/5, mb1.4/4.5, mb1mx0.1/7, mbtmp4.2/5, Error ellipse: s-maj=89.0km s-min=23.0km az=69.0
ISCJ 24 07:07:48.5, 5.0, 14N, 03-1271E, 0.5, h234km, 49km, mb4.2/4, Error ellipse: s-maj=95.5km s-min=29.9km az=157.0

CASC 24 07:10:19.5:1.6, 834N-8277W, h23km, 5km, MD3.9, 7C-5D, Panama-Costa Rica border region

MEX 24 07:23:03.0:0.5, 1619N-9224W, h7km, 999km, MD4.1, Chiapas

ISCJB 24 07:29:34.9:1.4, 387S:009:1364E:02, h10km, mb3.5/2, Error ellipse: s-maj=32.8km s-min=12.8km az=8.7

Code Station Name Az Phase ID Time Res

IDC 24 07:33:29.3:0.6, 106N-8519W, h0km, mb4.4/13, mb1.4/6/18, mb1mx4.6/24, mbtmp4.4/18, ML4.1/5, MS5.0/19, Ms1.4/9/19, ms1mx4.8/28, Error ellipse: s-maj=15.2km s-min=9.7km az=48.0

ISCJB 24 07:33:31.4:0.2, 113N:003:8519W:003, h23km, mb5.1/78, MS5.1/24, Error ellipse: s-maj=5.9km s-min=3.8km az=44.2

MOS 24 07:33:33.1:1.0, 121N-8518W, h33km, mb5.4/31, Error ellipse: s-maj=14.2km s-min=5.6km az=105.7

ISC 24 07:33:33.4:0.2, 108N:003:8521W:003, h25km, h25km, 3km:pp-P, n461, c573/407, mb5.1/78, MS5.1/24, 100C-80D, Off coast of Ecuador

Code Station Name Az Phase ID Time Res

ARE Arequipa 22.07 143 eP P 07 38 28.0 +1.2
PCRV Puerto La Cruz 22.26 65 eP P 07 38 29.5 -0.4
PCRV comp=N,16nm,1.0s,mb4.4,baz=161,slow=6.0,SNR=5.9
S 07 42 37.7 +2.8
comp=N,17nm,1.2s,baz=53,slow=8.8,SNR=2.1
LPAZ La Paz 24.13 136 eP P 07 38 48.3 +0.7
LPAZ La Paz 24.13 136 eP P 07 38 48.4 +0.8
LPAZ comp=N,138nm,1.3s,mb5.2
La Paz 24.13 136 eP P 07 38 48.4 +0.8
LPAZ 24.13 136 eP Pmax pmax
comp=N,138nm,1.3s
La Paz 24.13 136 eP P 07 38 48.2 +0.6
comp=N,20nm,0.7s,mb4.6,baz=325,slow=8.3,SNR=34
SJG San Juan 25.24 47 eP P 07 38 57.7 0.0
SJG San Juan 25.24 47 eP P 07 38 57.7 0.0
SJG comp=N,100nm,1.3s
San Juan 25.24 47 eP Pmax pmax
SJG San Juan 25.24 47 P 07 38 58.1 +0.4
comp=N,5.8nm,0.3s,mb4.6,baz=217,slow=5.8,SNR=9.7
SJG 07 48 17.3
CPD Cerro La Pandu 25.36 47 eP P 07 38 58.6 -0.2
CHUMP Col San Antoni 25.48 47 eP P 07 39 08.0 +0.9
Canovanas 25.55 47 eP P 07 38 59.5 -1.1
MTP Monte Pirata 25.67 48 eP P 07 39 09.0 -0.7
SIV San Ignacio 29.26 126 eP P 07 39 33.6 -0.3
BRAL Brewton 29.82 357 P P 07 39 40.3 +1.6
HKT Hockley 30.43 342 eP P 07 39 43.5 -0.6
HKT Hockley 30.43 342 eP P 07 39 43.5 -0.6
HKT Hockley 30.43 342 eP Pmax pmax
comp=N,147nm,1.9s,mb5.4
NATX Nacogdoches 31.79 345 eP P 07 39 55.5 -0.5
comp=N,30nm,0.9s,mb5.1
NATX 07 40 02.9 -0.6
LRAL Lakeview Retre 31.83 357 eP P 07 39 55.6 -0.7
comp=N,42nm,1.1s,mb5.2
LRAL 07 40 02.6 -1.1
GOGA Godfrey 32.20 3 eP P 07 39 59.5 -0.1
GOGA Godfrey 32.20 3 eP P 07 40 05.8 -1.2
GOGA Godfrey 32.20 3 eP P 07 39 59.5 -0.1
GOGA Godfrey 32.20 3 eP Pmax pmax
comp=N,2.21nm,1.1s,mb4.9
JCT Junction City 32.35 336 eP P 07 40 01.0 0.0
comp=N,2.4nm,0.9s,mb5.0
JCT 07 40 01.0 -0.2
JCT Junction City 32.35 336 eP P 07 40 01.0 0.0
JCT Junction City 32.35 336 eP Pmax pmax
comp=N,2.24nm,0.9s,mb5.0
LTX Lajitas 33.15 330 eP P 07 40 07.9 -0.1
comp=N,2.16nm,2.7s,mb5.6
LTX Lajitas 33.15 330 eP Pmax pmax
comp=N,2.16nm,2.7s,mb5.6
LTX Lajitas Array 33.15 330 P 07 40 08.4 +0.4
LTX Lajitas Array 33.15 330 P 07 42 55.0 +0.4
LTX Lajitas Array 33.15 330 P 07 40 38.4 +0.4
LTX Lajitas Array 33.15 330 P 07 42 55.0 +4.2
OXF Oxford 33.49 354 eP P 07 40 16.6 -1.7
OXF Oxford 33.49 354 eP P 07 40 16.6 -1.7
OXF Oxford 33.49 354 eP Pmax pmax
PLAL Pickwick Lake 33.83 356 eP P 07 40 12.4 -1.5
SWET Sewanee 33.97 359 eP P 07 40 14.6 -0.4
MIAR Mount Ida 34.20 348 eP P 07 40 16.7 -0.3
MIAR Mount Ida 34.20 348 eP Pmax pmax
comp=N,0.4nm,1.1s
MIAR 07 40 17.2 -1.7
CPCT Cooper Cave 34.20 1 eP P 07 40 22.7 +0.2
HIBAR Harrisburg 34.67 352 eP P 07 40 20.7 -0.4
PARMO Parma 34.65 354 eP P 07 40 28.7 -0.8
PARMO Parma 34.65 354 eP P 07 40 35.3 -1.7
WMOK Wichita Mounta 35.80 341 eP P 07 40 30.5 -0.4
WMOK Wichita Mounta 35.80 341 eP P 07 40 37.1 -1.2
WMOK Wichita Mounta 35.80 341 eP P 07 40 30.5 -0.4
WMOK Wichita Mounta 35.80 341 eP Pmax pmax
comp=N,2.57nm,1.5s,mb5.3
GD2 Guadalupe Mount 35.84 332 eP P 07 40 39.7 +1.1
MINTX Cornudas Mount 35.92 330 eP P 07 40 31.3 -0.7
comp=N,2.53nm,1.5s,mb5.2
MINTX 07 40 38.1 -1.3
ELN Prospectdale 36.20 6 eP P 07 40 33.7 -0.6
ELN Prospectdale 36.20 6 eP P 07 40 40.8 -0.9
BLA Blacksburg 36.22 6 eP P 07 40 34.3 -0.1
BLA Blacksburg 36.22 6 eP P 07 40 40.6 -1.3
BLA Blacksburg 36.22 6 eP Pmax pmax
comp=N,2.39nm,0.9s,mb5.3
CFAA Coronel Fontan 36.28 155 P 07 40 34.6 -0.4
comp=N,0.5nm,0.8s,baz=356,slow=7.0,SNR=7.5
SIUC Southern Illin 36.64 355 eP P 07 40 36.8 -1.2
comp=N,2.57nm,1.0s,mb4.4
SIUC 07 40 43.6 -1.8
USIN University of 36.77 357 eP P 07 40 38.0 -1.1
USIN 07 40 45.0 -1.6
WCI Wyandotte Cave 36.98 359 eP P 07 40 39.2 -1.7
WCI Wyandotte Cave 36.98 359 eP P 07 40 46.7 -1.6
WCI Wyandotte Cave 36.98 359 eP Pmax pmax
comp=N,2.59nm,1.2s,mb5.3
FVM French Village 37.03 353 eP P 07 40 39.5 -1.9
FVM French Village 37.03 353 eP P 07 40 39.5 -1.8
FVM French Village 37.03 353 eP Pmax pmax
comp=N,2.59nm,1.6s,mb5.2
SLM Saint Louis 37.66 354 eP P 07 40 46.2 -0.5
comp=N,2.39nm,0.6s,mb5.3
SLM Saint Louis 37.66 354 eP Pmax pmax
comp=N,2.38nm,0.6s,mb5.3
BLO Bloomington 37.93 358 eP P 07 40 47.2 -1.7
comp=N,3.99nm,0.8s,mb5.2
BLO Bloomington 37.93 358 eP P 07 40 54.2 -2.1
BLO Bloomington 37.93 358 eP P 07 40 47.2 -1.7
BLO Bloomington 37.93 358 eP Pmax pmax
comp=N,2.39nm,0.8s,mb5.2
BNN Barren Site 38.52 331 eP P 07 40 55.6 +1.6
BNN Barren Site 38.52 331 eP P 07 41 02.2 +0.7
Y22C IRIS PASSCAL I 38.60 331 eP P 07 40 55.6 +0.9
comp=N,2.39nm,0.8s,mb5.2
LPM Los Pinos Moun 38.65 331 eP P 07 40 56.1 +1.0
LENM Lemitar 38.70 331 eP P 07 40 56.3 +0.8
LENM Lemitar 38.70 331 eP P 07 41 03.6 +0.6
LAZ Ladoron 38.97 331 eP P 07 40 58.7 +1.0
ACSO Alum Creek Sta 39.02 3 eP P 07 40 56.3 -1.8
ACSO Alum Creek Sta 39.02 3 eP P 07 41 03.3 -1.9
ACSO Alum Creek Sta 39.02 3 eP Pmax pmax
comp=N,2.39nm,1.3s,mb5.0
ANMO Albuquerque 39.09 332 eP P 07 40 59.5 +0.8
comp=N,2.73nm,0.9s,mb4.4
ANMO Albuquerque 39.09 332 eP P 07 41 06.0 -0.2
ANMO Albuquerque 39.09 332 eP P 07 41 09.3 +0.8
ANMO Albuquerque 39.09 332 eP Pmax pmax
comp=N,2.70nm,0.9s
KSUI Kansas State U 39.25 346 eP P 07 40 59.2 -0.8
comp=N,2.46nm,1.0s,mb5.2
KSUI Tucson 39.31 325 eP P 07 41 06.5 -1.0
TUC Tucson 39.31 325 eP Pmax pmax
comp=N,13nm,1.6s,mb4.4

Tucson 39.31 325 eP P 07 41 07.8 -0.3
TUC Tucson 39.31 325 eP P 07 41 00.1 -0.6
TUC Tucson 39.31 325 eP Pmax pmax 07 41 07.8 -0.3
comp=N,13nm,1.6s,mb4.4
HDIL Hopedale 39.47 355 eP P 07 41 00.9 -0.9
comp=N,2.121nm,1.2s,mb5.5
HDIL Cedar Bluff 39.84 342 eP P 07 41 08.0 -1.3
comp=N,2.39nm,1.5s,mb5.2
CBKs Cedar Bluff 39.84 342 eP P 07 41 04.6 -0.3
CBKs Cedar Bluff 39.84 342 eP Pmax pmax 07 41 04.6 -0.3
comp=N,2.73nm,1.5s,mb5.2
116A Eloy 40.03 324 eP P 07 41 06.7 +0.1
115A Sonoran Desert 40.44 324 eP P 07 41 10.2 +0.2
SDCO Great Sand Dun 40.99 335 eP P 07 41 15.3 +0.9
SDCO Great Sand Dun 40.99 335 eP Pmax pmax 07 41 15.3 +0.9
SDCO Wintersburg 41.33 324 eP P 07 41 22.2 +0.3
Z14A Wintersburg 41.33 324 eP Pmax pmax 07 41 17.7 +0.3
bazz=41
X15A Humboldt 41.73 326 eP P 07 41 21.0 +0.4
bazz=42
Y14A Wickenburg 41.78 324 eP P 07 41 21.1 +0.1
bazz=42,SNR=8.9
MVCO Mesa Verde 41.88 332 eP P 07 41 22.7 +0.8
comp=N,2.03nm,2.0s,mb5.4
MVCO Mesa Verde 41.88 332 eP P 07 41 29.3 -0.1
MVCO Mesa Verde 41.88 332 eP Pmax pmax 07 41 22.3 +0.4
JFWS Jewett Farm 41.89 354 eP P 07 41 20.9 -0.9
WUAZ Wupatki 42.02 327 eP P 07 41 20.7 -0.3
WUAZ Wupatki 42.02 327 eP Pmax pmax 07 41 30.2 -0.3
bazz=42
X14A Yava 42.09 325 eP P 07 41 23.7 +0.2
Y13A Salome 42.17 324 eP P 07 41 24.5 +0.2
GLA Glamis 42.25 322 eP P 07 41 25.0 +0.1
W15A Williams 42.25 326 eP P 07 41 25.5 +0.6
bazz=42
Y12C Blythe 42.54 323 eP P 07 41 27.4 +0.1
bazz=43
PV01 Paradox Valley 42.66 333 eP P 07 41 28.3 +0.2
PDMCI Paraker Dam,Lak 42.70 324 eP P 07 41 28.7 +0.2
bazz=43
X13A Yucca 42.72 324 eP P 07 41 28.8 +0.1
W14A Seligman 42.74 326 eP P 07 41 29.2 +0.4
bazz=43
SWSC Sam W. Stewart 42.78 321 eP P 07 41 29.5 +0.3
ISCO Idaho Springs 42.78 337 eP P 07 41 29.6 +0.5
ISCO Idaho Springs 42.78 337 eP Pmax pmax 07 41 36.7 0.0
ISCO Idaho Springs 42.78 337 eP Pmax pmax 07 41 29.6 +0.5
comp=N,2.54nm,1.6s,mb5.0
DVTC Desert V Tower 42.79 320 eP P 07 41 29.9 +0.6
bazz=43
SMCO Snowmass 42.81 335 eP P 07 41 30.4 +1.1
SMCO Snowmass 42.81 335 eP Pmax pmax 07 41 36.9 0.0
PV10 Paradox Valley 43.08 332 eP P 07 41 30.9 -0.5
PV10 Paradox Valley 43.08 332 eP Pmax pmax 07 41 38.0 -1.0
W13A Hualapai Mount 43.11 325 eP P 07 41 32.5 +0.6
bazz=43
MONP Monument Peak 43.14 320 eP P 07 41 32.6 +0.5
IRM Iron Mountain 43.20 323 eP P 07 41 33.1 +0.5
bazz=43
109C Camp Elliot, M 43.58 320 eP P 07 41 36.0 +0.3
BELC Belle Mtn. 43.61 322 eP P 07 41 36.1 +0.2
PFO Pinyon Flat Ob 43.64 321 eP P 07 41 36.5 +0.4
ECSD ECROS, Sioux Fal 43.67 348 eP P 07 41 34.6 -1.5
comp=N,2.70nm,1.5s,mb5.2
ECSD 07 41 41.9 -1.8
T15A Red Dirt Ranch 43.68 328 eP P 07 41 36.9 +0.5
GMRC Granite Mounta 43.93 323 eP P 07 41 38.7 +0.2
bazz=44
LPA La Plata 43.98 147 eP P 07 41 38.0 -0.8
LPA La Plata 43.98 147 eP Pmax pmax 07 43 20.3 -1.4
LPA La Plata 43.98 147 eP Pmax pmax 07 48 09.0 +0.3
PHWY Pilot Hill 44.02 338 eP P 07 41 38.8 -0.3
PHWY Pilot Hill 44.02 338 eP Pmax pmax 07 41 46.4 -0.2
T14A Hurricane 44.09 327 eP P 07 41 39.6 0.0
V12A Neilson 44.11 325 eP P 07 41 40.2 +0.3
bazz=44
SRU San Rafael 44.36 332 eP P 07 41 41.7 -0.1
SRU San Rafael 44.36 332 eP Pmax pmax 07 41 48.7 -0.7
SRU San Rafael 44.36 332 eP Pmax pmax 07 41 48.7 -0.7
comp=N,2.46nm,1.5s,mb5.0
T13A Santa George 44.50 327 eP P 07 41 43.6 +0.6
bazz=45
V11A Goodsprings 44.53 324 eP P 07 41 43.6 +0.4
TUQ Turquoise Mtn. 44.54 324 eP P 07 41 43.8 +0.5
S14A Cedar City 44.65 328 eP P 07 41 44.7 +0.6
bazz=45
MSNY Massena 44.68 10 eP P 07 41 44.1 -0.2
MSU Marysvale 44.71 330 eP P 07 41 45.1 +0.5
BFSO Mount Baldy 44.80 321 eP P 07 41 45.9 +0.4
bazz=45
ARUT Antelope Range 44.82 328 eP P 07 41 46.8 +1.3
SHPR Sheep Range 44.84 325 eP P 07 41 46.8 +0.3
S13A Holt Ranch, En 44.89 327 eP P 07 41 46.8 +0.8
bazz=46,SNR=12
T11A Corn Creek, AI 45.39 326 eP P 07 41 51.0 +1.0
bazz=46
EDW2 Edwards Air Fo 45.43 321 eP P 07 41 51.5 +1.1
S12A Delamar Landin 45.45 327 eP P 07 41 51.5 +1.0
bazz=46
MPU Maple Canyon 45.60 331 eP P 07 41 52.1 +0.4
LRMC Laurel Mountai 45.63 322 eP P 07 41 52.9 +0.9
bazz=46
NLU North Lily Min 45.77 331 eP P 07 41 55.0 +2.0
TPNV Topopah Spring 45.77 325 eP P 07 41 56.1 +3.0
TPNV Topopah Spring 45.77 325 eP Pmax pmax 07 42 01.9 +1.2
TPNV Topopah Spring 45.77 325 eP Pmax pmax 07 41 56.1 +3.0
TPNV Topopah Spring 45.77 325 eP Pmax pmax 07 42 01.9 +1.2
comp=N,2.49nm,1.8s,mb5.1
TPNV Topopah Spring 45.77 325 eP Pmax pmax 07 41 53.6 +0.5
bazz=46
FURC Furnace Creek, 45.80 324 eP P 07 41 53.4 +0.1
bazz=46
R12A Fort Springs, 45.84 327 eP P 07 41 54.8 +1.2
bazz=46,SNR=6.4
MPMC Manual Prospec 45.90 323 eP P 07 41 54.4 +0.3
bazz=46
JLU Jordanelle 45.97 332 eP P 07 41 55.2 +0.6
S11A Rachel 45.97 326 eP P 07 41 55.8 +1.2
bazz=46
DAC Darwin (Calif) 46.10 323 eP P 07 41 56.0 +0.3
ARVC Arvin 46.11 321 eP P 07 41 56.9 +1.1
bazz=46
CTU Camp Tracy 46.19 332 eP P 07 41 56.4 +0.1
ISA Isabella 46.24 322 eP P 07 41 57.7 +0.9
bazz=46
DUG Dugway 46.31 331 eP P 07 41 57.8 +0.5
comp=N,13nm,1.3s,mb4.7
DUG Dugway 46.31 331 eP Pmax pmax 07 43 32.4 +0.1
DUG Dugway 46.31 331 eP Pmax pmax 07 41 57.8 +0.5
DUG Dugway 46.31 331 eP Pmax pmax 07 43 32.4

24d 7h

2007 FEB

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like DUG, Q12A, W12A, S10A, etc.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like K11A, P05C, MCMT, DGMT, etc.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like D10A, W10A, W10A, W10A, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Neumayer-Stat, Torodi Ar. Bea, AFI Afiamalu, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Lanzhou, XAN Xi'an, CD2 Chengdu, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDDR Presa de Saban, ULM Las du Bonnet, NVAR Mina Array Bea, etc.





Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Uplc, PSZ, PSZ, PSZ, etc.

IDC 24 08:15:45.8.1.2, 115S-12743E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.8/6, mbtmtpp4.0/7, Error ellipse: s-maj=202.3km s-min=18.8km az=69.0, Halmahera

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

B/JJ 24 08:15:53.6, 0.90S, 128.10E, h17km, mb5.0, mb5.0, IDC 24 08:15:53.1, 0.90S, 127.74E, h0km, mb4.3/5, mb1 4.5/7, mb1mx4.2/7, mbtmtpp3.7/ML4.1/2, Error ellipse: s-maj=13.7km s-min=16.6km az=71.0

ISC/JB 24 08:15:55.6, 0.09S, 0.1, 128.2E, 0.3, h33km, mb4.5/11, Error ellipse: s-maj=45.5km s-min=8.0km az=160.5

NEIC 24 08:15:57.7, 0.10S, 0.1, 128.2E, 0.3, h35km, (h10km, 8.9km, pp-P), n20, 0.68/20, mb4.5/11, Halmahera

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

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

ISC/JB 24 08:17:20.7, 1.9, 201.7S, 0.09E, 17301E, 0.07, h42km, 18km, mb4.5/20, MS4.7/10, Error ellipse: s-maj=15.9km s-min=10.8km az=172.8

MOS 24 08:17:22.4, 3.1, 202.8S, 17291E, h33km, mb5.1/3, Error ellipse: s-maj=17.6km s-min=13.4km az=10.3

B/JJ 24 08:17:23.3, 0.10S, 172.0E, h29km, mb5.6, mb4.5, IDC 24 08:17:23.3, 0.10S, 17301E, h54km, 30km, MS4.2/14, mb1 4.4/17, mb1mx4.3/22, mbtmtpp4.3/17, ML3.6/2, mb4.8/13, Ms1 4.8/13, ms1mx4.5/24, Error ellipse: s-maj=25.0km s-min=15.1km az=167.0

NEIC 24 08:17:23.3, 1.3, 201.3S, 17303E, h57km, 12km, mb5.0/7, Error ellipse: s-maj=12.1km s-min=7.7km az=166.0

GCMT 24 08:17:23.3, 0.2, 200.5S, 17306E, h15km, 1km, MW5.3/85, Moment Tensor Solution. s40, c49; s85, c15; Duration: 1s! Moment tensor: Scale 10^17, Mir=0.07E;3, Msh=0.87E;3, Msh=0.94E;3, Msh=0.07E;9, Msh=0.71E;3, Msh=0.15E;9, Error double couple: Ms 1.16600E+10, NP1=26.0000E+00, s84.0000E+00, 4.0000E+00, NP2=29.960000E+00, s86.0000E+00, 1.1740000E+00, Principal axes: T 2.110, P1g, 0.000E+00, Azm21.000E+00, N -0.0910, P1g83.000E+00, Azm81.000E+00, P -1.1200, P1g1.000E+00, Azm341.000E+00; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

SZGRF 24 08:17:24.7, 20.53S, 169.20E, h33km, Vanuatu Islands

ISC 24 08:17:24.7, 1.5, 201.6S, 17301E, 0.07, h50km, 15km, n89, 0.978/31, mb4.5/20, MS4.7/10, 1C-1D, Vanuatu

Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, RAO, RAO, etc.

IDC 24 08:19:03.2, 1.1, 130S, 127.24E, h0km, mb4.1/5, mb1 4.1/7, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:19:04.0, 4.0, 12S, 0.1, 127.5E, 0.4, h18km, mb4.3/11, Error ellipse: s-maj=53.3km s-min=9.6km az=161.7

B/JJ 24 08:19:06.4, 120S, 127.40E, h18km, mb4.7, NEIC 24 08:19:06.5, 0.6, 123S, 127.41E, mb4.5/4, Error ellipse: s-maj=27.8km s-min=7.8km az=70.0

ISC 24 08:19:04.6, 0.5, 12S, 0.1, 127.5E, 0.4, h7km, 26km, h18km, 1.1km, pp-P, n18, 0.693/20, mb4.3/11, Halmahera

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

IDC 24 08:33:21.7, 1.2, 095S, 127.76E, h0km, mb3.8/4, mb1 3.9/6, mb1mx3.7/17, mbtmtpp3.7/ML3.7/2, Error ellipse: s-maj=96.5km s-min=19.0km az=71.0, Halmahera

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GTA, Gaotai, ANMO, etc.

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0

ISC/JB 24 08:37:01.3, 0.9, 17.1S, 147.16E, h0km, mb4.1/3, mb1 4.1/3, mb1mx3.9/17, mbtmtpp4.0/7, ML3.7/2E, Error ellipse: s-maj=122.7km s-min=13.7km az=71.0



Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC, h m s, ISC. Includes stations like VLI, ITM, IKL, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC, h m s, ISC. Includes stations like KBL, AAM, AJM, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC, h m s, ISC. Includes stations like NJ2, YSS, HABS, etc.





Table of astronomical observations for 24d 12h, listing stations like Panska Ves, Berggiesshubel, Pruhonice, etc., with columns for station name, coordinates, and observation details.

ISC/JB 24 10:49:29.1±0.1, 28275.004±678W, 0.1, h141km, 18km, mb4.0/1, Error ellipse: s-maj=16.3km s-min=6.1km az=174.9

Main table of astronomical observations for 2007 FEB, listing stations like Copiapo, Valparaiso, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 852, listing stations like Baro, Voicam, Cotoan, etc., with columns for station name, coordinates, and observation details.

ISC/JB 24 11:42:32.1±0.9, 1585.01±7153W, 0.07, h150km, 9km, mb3.9/6, Error ellipse: s-maj=20.3km s-min=7.9km az=25.4

Table of astronomical observations for 852, listing stations like La Paz, Nana, NNA, SIV, etc., with columns for station name, coordinates, and observation details.

ISC/JB 24 11:33:8.0±0.9, 063N, 1186E, h0km, mb4.2/7, mb1.4/3, mb1mx4.1/20, mbtmp4.1/8, MS3.3/2, MS1.3/3/2, mbmx2.9/30, Error ellipse: s-maj=60.6km s-min=15.1km az=67.0

ISC/JB 24 11:38:2.3±0.6, 060N, 1186E, h33km, mb4.6/9, Error ellipse: s-maj=37.4km s-min=12.5km az=113.2

ISC/JB 24 11:38:2.0±0.3, 064N, 1186E, h30km, mb4.4/9, Error ellipse: s-maj=21.4km s-min=6.0km az=64.0

ISC/JB 24 11:38:5.4±0.6, 060N, 1186E, h34km, 33km, n33, 0857/32, mb4.3/19, MS3.1/2, Error ellipse: s-maj=31.3km s-min=10.3km az=155.7

MOS 24 11:36:3.0±0.6, 060N, 11857E, h33km, mb4.6/9, Error ellipse: s-maj=37.4km s-min=12.5km az=113.2

BUI 24 11:36:0.0±0.1, 031N, 11835E, h43km, mb4.8

NEIC 24 11:38:2.0±0.3, 064N, 1186E, h30km, mb4.4/9, Error ellipse: s-maj=21.4km s-min=6.0km az=64.0

ISC 24 11:38:5.4±0.6, 060N, 1186E, h34km, 33km, n33, 0857/32, mb4.3/19, MS3.1/2, Error ellipse: s-maj=31.3km s-min=10.3km az=155.7

Table of astronomical observations for 852, listing stations like Kinabalu, Fitoz Crossi, WRA, etc., with columns for station name, coordinates, and observation details.

Table with columns: BILL, comp, OBN, OBN, OSPA. Includes details for OBN and OSPA services.

NIED 24 12:39:00, 37.10N: 141.70E, h38km, Mw3.6 Best double couple: M3.21000:1014 NP1.3267.00000:3.9.00000...

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

CSEM 24 12:52:17.7.0.1, 4429N: 1200E, h12km, MD2.6/17, Error ellipse: s-maj=1.8km s-min=1.6km az=45.0

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

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

Table with columns: ABTA, OBKA, OBKA, OBKA, OBKA, OBKA, OBKA, OBKA, OBKA, OBKA, OBKA, OBKA. Lists stations and their details.

ISCJB 24 12:59:27.7.1.4, 204S:02.178.1W:02, h491km, 20km, mb3.5/6, Error ellipse: s-maj=39.2km s-min=14.4km az=137.6

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

IDC 24 13:14:22.9.2.3, 286S:13671E, h0km, mb3.5/3, mb1.3/6/4, mb1mx3.5/13, mbtmp3.5/4, ML3.5/12, Ms1.3/7/2, ms1mx3.0/17, Error ellipse: s-maj=103.3km s-min=22.1km az=83.0, Irian Jaya region

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

IDC 24 13:31:03.1.1.2, 237S:12404E, h0km, mb3.8/4, mb1.4/1.5, mb1mx3.9/18, mbtmp3.9/5, ML3.5/1, Error ellipse: s-maj=117.3km s-min=20.6km az=68.0, Ceram Sea

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

MOS 24 13:33:02.2.1.1, 2134S:6807W, h111km, mb5.1/20, Error ellipse: s-maj=34.6km s-min=7.3km az=116.3

BJJ 24 13:33:03.8.2.197S:6832W, h127km, mb5.3 NEIC 24 13:33:04.8.0.2, 2149S:6803W, mb5.0/68, Error ellipse: s-maj=8.3km s-min=5.1km az=72.0

IDC 24 13:33:05.3.0.7, 2151S:6819W, h130km, 5km, mb4.4/18, mb1.4/5/21, mb1mx4.5/24, mbtmp4.4/21, MS3.6/2, Ms1.3/6/2, ms1mx2.9/19, Error ellipse: s-maj=17.8km s-min=10.6km az=67.0

ISC 24 13:33:05.7.0.3, 2143S:004.6796W:006, h128km, h128km, 1.0km: p-P, n475, o565/426, mb4.8/83, 99C-88D, Chile-Bolivia border region

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

Table with columns: TEIG, TEIG, CMIG, DWPF, NHSC, GOGA, GOGA, GOGA, LRAL, PCPT, NATX, SWET, OXF, OXF, PLAL, BLA, BLA, TZTN, ELTN, JCT, JCT, JCT, UALR, MIAR, MIAR, MIAR, LTX, LTX, TXAR, PARMO, WCI, WCI, SNA, SIUC, BLO, BLO, BLO, FVM, FVM, FVM, ACCO, WMOK, WMOK, WMOK, ALLY, ALLY, MNTX, KSU1, BNM, MSNY, LPM, LPM, CBKS, CBKS, CBKS, ANMO, ANMO, JFWS, JFWS, JFWS, 116A, 115A, SDCO, QSPA, Z14A, WINTERSBURG, MIVCO, MIVCO, X15A, X15A, X15A, Y13A, Y13A, W15A, W15A, GLA, ISCO, ISCO, ISCO, PV01, SMCO, Y12C, PDMC, X13A, W14A, W14A, PV10, BC3, MONP, W13A.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like TEIG, CMIG, DWPF, NHSC, GOGA, LRAL, PCPT, NATX, SWET, OXF, PLAL, BLA, TZTN, ELTN, JCT, UALR, MIAR, LTX, TXAR, PARMO, WCI, SNA, SIUC, BLO, FVM, ACCO, WMOK, ALLY, MNTX, KSU1, BNM, MSNY, LPM, CBKS, ANMO, JFWS, 116A, 115A, SDCO, QSPA, Z14A, WINTERSBURG, MIVCO, X15A, Y13A, W15A, GLA, ISCO, PV01, SMCO, Y12C, PDMC, X13A, W14A, PV10, BC3, MONP, W13A.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like IRM Iron Mountain, NEE2 Needles Airpor, BELC Belle Mtn, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like AHID Auburn Hatcher, HELL Mitchell Peak, V05C Boulder Hill, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like BOZ Bozeman (W), BOZ Bozeman, BOZ Bozeman, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Chiquin, S2 Ranch, BSMT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like ZALV, AAK, AAK, Uchtor, BOD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like WRA, ASAR, FITZ, NWAQ, etc.



24d 15h

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like NEO Neokhori, BZS Buzias, and various other frequencies.

2007 FEB

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like FGSL Fruska Gora, BZS Buzias, and various other frequencies.

2007 FEB

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like ULM Lac du Bonnet, LPIG La Paz, and various other frequencies.

2007 FEB

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like ULM Lac du Bonnet, LPIG La Paz, and various other frequencies.

856

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like LPIG La Paz, TXAR Lajitas Array, and various other frequencies.



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

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

SOF 24 15:32:43.0, 4032N-2241E, h2km, MD2.5
NEIC 24 15:32:46.3, 4052N-2230E, h24km, MD3.2(ATH), MD2.5(SOF), After ATH.

ATH 24 15:32:46.3, 4052N-2230E, h24km, 1km, MD3.2/5
CSEM 24 15:32:46.9, 0.1, 4050N-2231E, h15km, ML3.2, Error ellipse: s-maj=1.6km s-min=2.1km az=133.0

THE 24 15:32:47.4, 4051N-2235E, h6km, ML3.2
SKO 24 15:32:47.2, 4049N-2236E, h19km

ISCJB 24 15:32:47.5, 0.4, 4048N-2235E, 0.03, h16km, 6km, Error ellipse: s-maj=3.8km s-min=3.5km az=167.4

ISC 24 15:32:46.9, 0.3, 4049N-2233E, 0.03, h16km, 4km, n44, c0817/3, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LIT, KZN, GRG, HORT, FNA, etc.

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

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

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

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

ISC 24 15:22:3.2, 1001S-11621E, h0km, mb3.2/4, mb1 3.5/5, mb1mx3.4/18, mbtmp3.4/5, ML3.5/1, Error ellipse: s-maj=168.8km s-min=21.4km az=51.0, South of Sumbawa

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

ISC 24 16:11:31.2, 2.0, 382S-13862E, h0km, mb3.4/2, mb1 4.0/5, mb1mx3.7/13, mbtmp3.8/5, ML3.6/3, Error ellipse: s-maj=45.5km s-min=3.2km az=79.0

ISCJB 24 16:11:39.2, 1.2, 427S-010-13903E, 0.07, h100km, Error ellipse: s-maj=14.1km s-min=10.0km az=174.3

NEIC 24 16:11:42.3, 3.0, 428S-13916E, h12km, 30km, mb4.5/2, Error ellipse: s-maj=30.1km s-min=17.8km az=156.0

ISC 24 16:11:40.4, 1.3, 44S-01-13889E, 0.07, h100km, n9, c1513/15, Irian Jaya

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

BUI 24 16:19:24.7, 812S-15653E, h16km, mb5.3, mb4.8, Ms4.2, Ms4.2

ISCJB 24 16:19:25.3, 0.3, 808S-004-15639E, 0.05, h10km, mb5.0/65, MS4.4/20, Error ellipse: s-maj=6.9km s-min=6.0km az=0.7

ISC 24 16:19:25.1, 0.5, 810S-15639E, h0km, mb4.6/14, mb1 4.7/17, mb1mx4.6/20, mbtmp4.6/17, ML3.9/2, MS4.4/16, Ms1 4.4/16, ms1mx4.3/21, Error ellipse: s-maj=17.8km s-min=15.3km az=84.0

GCMT 24 16:19:26.8, 0.2, 831S-15638E, h12km, Mw5.1/79, Moment Tensor Solution, s43, c58, s79, c123; Duration: 0 Moment tensor: Scale 10^16Nm; Mr: 5.72; 10; Mw: 2.38; 10; Mw: 3.34; 10; Mw: 1.98; 32; Mw: 2.83; 10; Mw: 1.52; 32; Best double couple: Mo: 6.246000 x 10^16 NP1: 39.25, 0.00000, 834.00000, 0.85, 0.00000, NP2: 0.13, 39.25, 0.00000, 857.00000, 0.85, 0.00000; Principal axes: T 6.2610, P1g78.0000, Azm27.0000; N -0.0310, P1g4.0000, Azm138.0000; P -6.2300, P1g12.0000, Azm229.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 24 16:19:26.8, 0.2, 815S-15631E, h10km, mb5.1/36 Error ellipse: s-maj=7.0km s-min=6.7km az=75.0

MOS 24 16:19:30.9, 0.9, 768S-15632E, h33km, mb5.3/28, Error ellipse: s-maj=14.1km s-min=8.3km az=108.3

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

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

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

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

ISC 24 16:19:25.9, 1.9, 813S-004-15639E, 0.05, h4km, 11km, h10km, 3.2km, pp-P, n217, 1/80/145, mb5.0/65, MS4.4/20, 6C-3D, Bougainville - Solomon Islands region

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

ISC 24 16:11:31.2, 2.0, 382S-13862E, h0km, mb3.4/2, mb1 4.0/5, mb1mx3.7/13, mbtmp3.8/5, ML3.6/3, Error ellipse: s-maj=45.5km s-min=3.2km az=79.0

ISCJB 24 16:11:39.2, 1.2, 427S-010-13903E, 0.07, h100km, Error ellipse: s-maj=14.1km s-min=10.0km az=174.3

NEIC 24 16:11:42.3, 3.0, 428S-13916E, h12km, 30km, mb4.5/2, Error ellipse: s-maj=30.1km s-min=17.8km az=156.0

ISC 24 16:11:40.4, 1.3, 44S-01-13889E, 0.07, h100km, n9, c1513/15, Irian Jaya

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

PPT 24 16:19:25.3, 0.3, 808S-004-15639E, 0.05, h10km, mb5.0/65, MS4.4/20, Error ellipse: s-maj=6.9km s-min=6.0km az=0.7

ISCJB 24 16:19:25.1, 0.5, 810S-15639E, h0km, mb4.6/14, mb1 4.7/17, mb1mx4.6/20, mbtmp4.6/17, ML3.9/2, MS4.4/16, Ms1 4.4/16, ms1mx4.3/21, Error ellipse: s-maj=17.8km s-min=15.3km az=84.0

GCMT 24 16:19:26.8, 0.2, 831S-15638E, h12km, Mw5.1/79, Moment Tensor Solution, s43, c58, s79, c123; Duration: 0 Moment tensor: Scale 10^16Nm; Mr: 5.72; 10; Mw: 2.38; 10; Mw: 3.34; 10; Mw: 1.98; 32; Mw: 2.83; 10; Mw: 1.52; 32; Best double couple: Mo: 6.246000 x 10^16 NP1: 39.25, 0.00000, 834.00000, 0.85, 0.00000, NP2: 0.13, 39.25, 0.00000, 857.00000, 0.85, 0.00000; Principal axes: T 6.2610, P1g78.0000, Azm27.0000; N -0.0310, P1g4.0000, Azm138.0000; P -6.2300, P1g12.0000, Azm229.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 24 16:19:26.8, 0.2, 815S-15631E, h10km, mb5.1/36 Error ellipse: s-maj=7.0km s-min=6.7km az=75.0

MOS 24 16:19:30.9, 0.9, 768S-15632E, h33km, mb5.3/28, Error ellipse: s-maj=14.1km s-min=8.3km az=108.3

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





Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, etc.

GUC 24 18:26:27.1-0.8, 3317S-7027W, h2km, 7km, MD3.5, ML1.8, 2C-6D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include FCH Farellones, CLCH Cerro Calan, PEL Peidehue, etc.

IDC 24 18:26:59.4-20.0, 3661N-71.65E, h60km, 101km, mb3.6/3, mb1 3.5/6, mb1mx3.2/23, mbtmp3.5/6, ML2.2, Error ellipse: s-maj=22.5km s-min=56.4km az=174.0

ISCJB 24 18:27:05.8-0.8, 3700N-006.715E, 0.1, h118km, 11km, mb3.8/3, Error ellipse: s-maj=14.9km s-min=7.7km

MOS 24 18:27:05.7-0.9, 3699N-71.64E, h117km, mb4.2/1, Error ellipse: s-maj=24.3km s-min=12.2km az=88.6

NEIC 24 18:27:06.1-1.1, 3690N-71.74E, h114km, 12km, mb4.0/4, Error ellipse: s-maj=29.5km s-min=9.5km az=130.0

NNC 24 18:27:10.6-8.8, 3775N-71.05E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=68.2km s-min=60.9km az=16.0

ISC 24 18:27:07.1-0.8, 3703N-005.715E, 0.1, h107km, 10km, n31, 1502/40, mb3.8/3, 2C-3D, Afghanistan-Tajikistan border region

Main table for station data under GUC 24 18:26:27.1-0.8, 3317S-7027W, h2km, 7km, MD3.5, ML1.8, 2C-6D, Chile-Argentina border region. Columns: Code, Station Name, Az, Phase ID, Time, Res.

SKHL 24 18:31:32.0-3.0, 5612N-130.28E, h23km, 1km, mb3.5/3, 1D, Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BMKR Bomnak, KROS Kirovskiy, ZEA Zeya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CLNS Chul'man, EKMR Kimchan, etc.

IDC 24 18:37:42.8-1.5, 2832N-130.88E, h0km, mb4.0/4, mb1 4.1/4, mb1mx3.6/21, mbtmp4.0/4, Error ellipse: s-maj=34.0km s-min=28.5km az=71.0

JMA 24 18:37:43.8-0.1, 2832N-131.08E, h80km, 3km, M2.7, Error ellipse: s-maj=6.3km s-min=3.4km az=19.2

ISCJB 24 18:37:44.2-0.5, 2833N-003.13105E, 0.05, h33km, mb3.9/4, Error ellipse: s-maj=6.3km s-min=3.4km az=19.2

ISC 24 18:37:45.6-0.6, 2833N-003.13104E, 0.05, h35km, n18, 0597/30, mb3.9/4, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JZK Kaikashima, JAM Amami Oshima, etc.

ISCJB 24 18:47:06.7-0.6, 288N-0.1-4364W, 0.10, h10km, mb4.0/15, MS3.3/3, Error ellipse: s-maj=17.5km s-min=12.1km az=179.4

IDC 24 18:47:07.0-0.7, 2874N-43.65W, h0km, mb3.9/13, mb1 4.1/13, mb1mx3.9/24, mbtmp3.9/13, MS3.4/3, Ms1 3.4/3, ms1mx3.0/37, Error ellipse: s-maj=23.7km s-min=16.7km az=170.0

NEIC 24 18:47:08.3-0.5, 2874N-43.62W, h10km, mb4.9/2, Error ellipse: s-maj=15.1km s-min=10.7km az=184.0

ISC 24 18:47:09.0-0.5, 288N-0.1-4362W, 0.10, h10km, n21, 1510/19, mb4.0/15, MS3.3/3, Northern Mid-Atlantic Ridge

Main table for station data under IDC 24 18:47:06.7-0.6, 288N-0.1-4364W, 0.10, h10km, mb4.0/15, MS3.3/3, Error ellipse: s-maj=17.5km s-min=12.1km az=179.4. Columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 24 18:51:13.1-0.6, 812S-156.33E, h0km, mb4.7/13, mb1 4.7/15, mb1mx4.7/19, mbtmp4.6/15, ML3.1/1, MS4.2/5, Ms1 4.2/5, ms1mx3.8/27, Error ellipse: s-maj=20.1km s-min=15.1km az=77.0

BJI 24 18:51:15.1, 795S-156.21E, h22km, mb5.3, mb5.1, Ms4.8, Ms2.4

ISCJB 24 18:51:16.2-0.3, 807S-005-156.35E, h0km, h33km, mb4.8/31, MS4.2/3, Error ellipse: s-maj=8.0km s-min=6.6km az=42.6

NEIC 24 18:51:17.3-0.3, 810S-156.40E, h30km, mb5.0/20, Error ellipse: s-maj=10.0km s-min=7.5km az=83.0

ISC 24 18:51:20.1-1.3, 812S-006-156.34E, 0.06, h53km, 13km, n72, 1900/53, mb4.8/31, MS4.2/3, 1D, Bougainville - Solomon Islands region

Main table for station data under IDC 24 18:51:13.1-0.6, 812S-156.33E, h0km, mb4.7/13, mb1 4.7/15, mb1mx4.7/19, mbtmp4.6/15, ML3.1/1, MS4.2/5, Ms1 4.2/5, ms1mx3.8/27, Error ellipse: s-maj=20.1km s-min=15.1km az=77.0. Columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ARMA Armadale, KAKA Kakadu, etc.

comp=Z, 456nm, 18.0s, baz=235, slow=33

Main table for station data under comp=Z, 456nm, 18.0s, baz=235, slow=33. Columns: Code, Station Name, Az, Phase ID, Time, Res.

BJI 24 18:53:35.6, 170S-127.35E, h38km, mb5.4, mb5.2, Ms4.6, Ms2.4

ISCJB 24 18:53:40.5-0.9, 098S-002-126.97E, 0.03, h28km, 6km, mb5.3/10, MS4.2/4, Error ellipse: s-maj=5.3km s-min=3.9km az=159.7

MOS 24 18:53:41.7-1.3, 093S-126.86E, h33km, mb5.3/6, Error ellipse: s-maj=10.7km s-min=6.6km az=111.8

GCMT 24 18:53:43.5-0.2, 101S-126.97E, h24km, 1km, MW5.2/74, Moment Tensor Solution. s39, c51; s74, c120; Duration: 0.002t; Scale: 1016Nm; Mr-0.15s; 24; Mw-1.0; Ms-1.15s; Mw-1.15s; 20; Mw-3.00; Mw-6.18s; 17; Mw-2.95s; 34; Best double couple: M7-35800x10^16 Np1=261.00000; 688.00000; -1.700000; NP2: 63358.0000; 874.00000; -1.158.00000; Principal axes: 18.97000; 0.3162000; Azm129.0000; N 1.970; Plg23.0000; Azm32.0000; P -8.3450; Plg27.0000; Azm21.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

IDC 24 18:53:43.7-1.4, 107S-126.90E, h39km, 1km, mb5.0/27, mb1 4.9/28, mb1mx4.9/30, mbtmp4.9/28, ML4.1/1, MS4.2/10, Ms1 4.2/10, ms1mx4.0/26, Error ellipse: s-maj=14.9km s-min=7.3km az=71.0

NEIC 24 18:53:43.5-0.1, 099S-126.91E, mb5.2/52, Error ellipse: s-maj=5.8km s-min=3.8km az=71.0

NEIC Fell (IV) at Labuha, Indonesia

ISC 24 18:53:44.1-0.6, 100S-003-126.97E, 0.03, h42km, 5km, n386, 1905/320, mb5.3/110, MS4.2/4, 22C-48D, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AAI Ambon, PCI Palu, etc.













24d 19h

2007 FEB

Table with columns for station codes (SMY, MDJ, JAO, etc.), names (Shemya, Odawara, etc.), coordinates, and various performance metrics (eP, Pn, etc.). The table is organized into multiple columns and rows, listing various stations and their associated data.

MKAR	Makanchi Array	46.60 297	LR	LR	20 16 49.4
MKAR	comp=Z,28nm,0.7s,mb5.3,baz=63,slow=6.2,SNR=180	19 56 02.2 -0.7			
MKAR	comp=Z,10nm,0.6s,baz=61,slow=2.4,SNR=9.0	19 57 36.9 +0.6			
MKAR	comp=Z,2.0nm,0.8s,baz=55,slow=4.6,SNR=5.2	20 01 24.7 -2.0			
MKAR	comp=Z,3um,18.8s,MSS.3,baz=67,slow=38	20 16 49.4	LR	LR	
KURK	Kurchatov	47.05 303	P	P	19 56 05.7 -0.6
KURK	comp=Z,385nm,0.8s,SNR=29	19 56 05.7 -0.6			
KURK	Kurchatov	47.05 303	eP	P	19 56 04.4 -2.0
KURK	comp=Z,42nm,0.7s,mb5.5	19 57 37.9 +0.1	eP	P	
KURK	Kurchatov	47.05 303	eS	S	20 02 53.9 -1.4
KURK	comp=Z,15nm,0.7s,mb5.0	19 56 05.0 -1.3	P	P	
KURK	Kurchatov	47.05 303	P	P	19 56 05.8 -0.5
KURK	SNR=2	20 14 08.5	LR	LR	
BBB	Bella Bella	49.48 53	LR	LR	20 14 08.5
ALE	Alert	49.84 6	P	P	19 56 26.6 -0.8
LSA	Lhasa	49.87 273	P	P	19 56 30.9 +2.6
LSA	comp=Z,146nm,0.6s,SNR=15	19 56 30.9 +2.6			
LSA	Lhasa	49.87 273	iP	P	19 56 30.3 +2.0
LSA	comp=Z,117nm,0.9s,mb5.9	19 56 30.3 +2.0			
BRVK	Borovoye	50.62 309	P	P	19 56 32.8 -0.8
BRVK	comp=Z,117nm,0.9s,mb5.9	19 56 32.8 -0.8			
BRVK	Borovoye	50.62 309	eP	P	19 56 32.2 -1.4
BRVK	comp=Z,23nm,0.5s,mb5.4	19 57 50.5 -0.2	eP	P	
BRVK	Borovoye	50.62 309	e	e	19 56 32.2 -1.4
BRVK	comp=Z,23nm,0.5s,mb5.4	19 57 50.5	P	P	
BRVK	Borovoye	50.62 309	P	P	19 56 33.3 -0.3
RES	Resolute Bay	51.02 18	P	P	19 56 36.4 0.0
RES	comp=Z,671nm,0.9s	19 57 51.5 -0.4	eP	P	
RES	Resolute Bay	51.02 18	eP	P	19 56 36.4 0.0
RES	comp=Z,671nm,0.9s	19 57 52.5	P	P	
KKM	Kota Kinabalu	51.13 229	eP	P	19 56 38.9 +0.9
YKW3	Yellowknife Ar	51.18 36	P	P	19 56 37.5 -0.2
YKA	Yellowknife Ar	51.21 37	P	P	19 56 37.8 -0.1
YKA	comp=Z,6.2nm,0.7s,mb4.7,baz=296,slow=6.9,SNR=44	19 57 52.8 +0.1			
CHTO	Chiang Mai	51.71 256	iP	P	19 56 43.1 +0.9
CHTO	comp=Z,43nm,0.9s,mb5.4	19 56 43.1 +0.9			
CHTO	Chiang Mai	51.71 256	iP	P	19 56 43.1 +0.9
CHTO	comp=Z,43nm,0.9s,mb5.4	19 56 43.1 +0.9			
CHTO	Chiang Mai	51.71 256	P	P	19 56 43.2 +1.0
CM31	Chiang Mai Arr	51.96 256	iP	P	19 56 45.0 +0.9
CM31	comp=Z,12nm,0.6s,mb5.0	19 57 56.9 +0.7	eP	P	
SHL	Shilling	51.96 268	eP	P	19 56 46.0 +1.9
SHL	comp=Z,20nm,0.6s,mb5.2	19 56 46.0 +1.9			
KBS	Kingsbay	52.49 351	eP	P	19 56 46.6 -0.7
KBS	comp=Z,20nm,0.6s,mb5.2	19 56 46.6 -0.7			
KBS	Kingsbay	52.49 351	P	P	19 56 46.6 -0.7
KBS	comp=Z,20nm,0.6s,mb5.2	19 56 46.6 -1.5			
SPB4	Spitsbergen Ar	52.59 350	eP	P	19 56 46.6 -1.5
TKM2	Tokmak 2	52.65 296	iP	P	19 56 48.5 -0.5
TKM2	comp=Z,24nm,1.0s,mb5.1	19 57 58.9 +0.4	eP	P	
TKM2	Tokmak 2	52.65 296	P	P	19 56 49.3 +0.3
TKM2	comp=Z,24nm,1.0s,mb5.1	19 57 58.9 +0.4			
FRU	Bishkek	53.31 296	eP	P	19 56 52.0 -1.8
FRU	comp=Z,40nm,1.2s,mb5.2	19 57 12.0			
FRU	Bishkek	53.31 296	P	P	19 56 54.6 -1.5
FRU	comp=Z,40nm,1.2s,mb5.2	19 56 54.6 -1.5			
FRU	Bishkek	53.31 296	P	P	19 56 54.1 -1.1
FRU	comp=Z,40nm,1.2s,mb5.2	19 56 54.1 -1.1			
AAK	Ala-Archa	53.49 296	P	P	19 56 54.6 -0.6
AAK	comp=Z,217nm,1.0s,SNR=19	19 56 53.6 -1.5			
AAK	Ala-Archa	53.49 296	iP	P	19 56 53.7 -1.5
AAK	comp=Z,34nm,0.9s,mb5.3	19 56 53.7 -1.5			
AAK	Ala-Archa	53.49 296	iP	P	19 56 54.1 -1.1
AAK	comp=Z,35nm,1.0s,mb5.2	19 56 54.1 -1.1			
SVE	Sverdlovsk	53.59 317	eP	P	19 56 55.0 -0.7
UCH	Uchter	53.70 296	eP	P	19 56 57.5 +0.8
EKS2	Erkin-Say	53.92 296	eP	P	19 56 57.8 -0.5
EKS2	comp=Z,7.9nm,1.0s,mb4.9	19 58 03.1 -0.2	eP	P	
EKS2	Almayashu	54.26 296	eP	P	19 57 01.0 +0.2
EKS2	comp=Z,33nm,0.9s,mb5.3	19 57 01.0 +0.2			
AML	Kashi	54.29 292	eP	P	19 57 02.4 -0.2
AML	comp=Z,18nm,0.9s,mb5.0	19 57 02.4 -0.2			
KSH	Kashi	54.29 292	eP	P	19 57 02.1 +1.0
KSH	comp=Z,18nm,0.9s,mb5.0	19 57 06.0 -6.3	eP	P	
KSH	Kashi	54.29 292	eP	P	19 57 09.0 -7.7
KSH	comp=Z,18nm,0.9s,mb5.0	19 58 06.1 +1.3	eP	P	
KSH	Kashi	54.29 292	eP	P	19 59 05.1 +2.2
KSH	comp=Z,18nm,0.9s,mb5.0	20 02 02.5 +2.7	eP	P	
KSH	Kashi	54.29 292	eP	P	20 02 04.0 -0.3
KSH	comp=Z,18nm,0.9s,mb5.0	20 04 36.5 +0.5	eP	P	
KSH	Kashi	54.29 292	eP	P	20 06 47.0 -0.1
KSH	comp=Z,18nm,0.9s,mb5.0	20 08 18.3 +0.5	eP	P	
KSH	Kashi	54.29 292	eP	P	19 57 03.5 -0.8
ARU	Arti	54.77 317	P	P	19 57 02.8 -1.5
ARU	comp=Z,416nm,0.4s,SNR=18	19 58 06.0 -0.3	eP	P	
ARU	Arti	54.77 317	iP	P	19 57 03.7 -0.6
ARU	comp=Z,35nm,0.4s,mb5.8	19 57 04.1 -0.4	eP	P	
ARU	Arti	54.77 317	iP	P	19 57 07.9 -0.4
ARU	comp=Z,19nm,0.5s,mb5.4	19 57 12.0 +0.3	eP	P	
B05A	Bryant	54.78 55	iP	P	19 57 04.1 -0.4
A07A	Ashnola River,	55.31 53	P	P	19 57 07.9 -0.4
KKAR	Kararay Array	55.66 299	eP	P	19 57 10.0 -0.9
KKAR	comp=Z,2.0nm,0.4s,mb4.5	19 57 12.0 +0.3			
B07A	Winthrop	55.78 54	P	P	19 57 11.7 -0.8
F04A	Amboy	55.89 57	iP	P	19 57 13.2 +0.2
A08A	Turner Farm, O	55.97 53	P	P	19 57 13.8 -0.1
D06A	Cle Elum	56.08 55	iP	P	19 57 14.2 -0.8
C07A	Waterville	56.24 54	iP	P	19 57 15.9 +0.8
B08A	Colville Reser	56.27 53	P	P	19 57 16.7 +1.1
A09A	Danville	56.32 52	P	P	19 57 16.2 -1.1
D07A	Quincy	56.57 55	iP	P	19 57 17.4 -0.4
EDM	Edmonton	56.65 46	iP	P	19 57 18.0 -0.8
LVZ	Lovozero	56.65 336	eP	P	19 57 16.2 -1.8
J02A	Umquga	56.66 60	iP	P	19 57 16.5 -1.2
DAG	Danmarks Havn	56.68 358	iP	P	19 57 16.5 -1.2
DAG	comp=Z,26nm,1.0s,mb5.2	19 57 17.7 -0.8			
DAG	Danmarks Havn	56.68 358	iP	P	19 57 18.6 0.0
DAG	comp=Z,26nm,1.0s,mb5.2	19 57 18.4 -1.1			
C08A	Higginbotham F	56.75 54	P	P	19 57 19.1 -0.4
B09A	Rice	56.88 53	iP	P	19 57 19.7 -1.1
A10A	Northport	56.89 52	iP	P	19 57 20.6 +0.3
G05A	Wamie	56.92 57	iP	P	19 57 20.6 +0.3
E07A	Sunnyside	57.05 55	iP	P	19 57 20.6 +0.3

APA	Apacity	57.22 336	iP	P	19 57 22.7 +1.1
APA	comp=Z,9.0nm,0.6s,mb5.0	19 57 21.6 -0.4			
D08A	Wollman Farm,	57.24 54	iP	P	19 57 22.3 -0.1
BOKA	Bokaro	57.24 271	iP	P	19 57 31.3
BOKA	comp=Z,4.3nm,0.4s,mb4.8	19 57 20.4 -1.4			
JOSI	Joshimath	57.25 281	eP	P	19 57 20.4 -1.4
KEV	Kevo	57.26 340	eP	P	19 57 20.4 -1.4
KEV	comp=Z,4.0nm,0.4s,mb4.8	19 57 22.2 -0.4			
H05A	Madras	57.31 58	iP	P	19 57 23.0 +0.3
F07A	Phinny Hill Vi	57.34 56	iP	P	19 57 23.9 -0.2
NEW	Newport	57.53 52	eP	P	19 57 23.9 -0.2
NEW	comp=Z,7.4nm,0.8s,mb4.8	19 57 23.9 -0.2			
NEW	Newport	57.53 52	eP	P	19 57 23.9 -0.2
NEW	comp=Z,7.4nm,0.8s,mb4.8	19 57 23.9 -0.2			
A11A	Hall Mountain,	57.55 51	P	P	19 57 25.0 +1.8
D09A	Jones Farm, Ri	57.58 54	iP	P	19 57 24.4 -0.1
C10A	Spiker Farm,	57.69 53	iP	P	19 57 25.9 +0.6
ARCES	ARCCESS Array B	57.77 341	P	P	19 57 25.2 -0.3
ARCES	comp=Z,10.0nm,0.6s	19 58 17.6 -0.2			
ARCES	ARCCESS Array B	57.77 341	P	P	19 57 25.2 -0.3
ARCES	comp=Z,9.7nm,0.6s,mb5.0,baz=25,slow=6.4,SNR=66	19 57 25.2 -0.3			
ARCES	ARCCESS Array B	57.77 341	P	P	19 57 25.2 -0.3
ARCES	comp=Z,9.7nm,0.6s,mb5.0,baz=25,slow=6.4,SNR=66	19 57 25.2 -0.3			
AREO	ARCCESS Array S	57.77 341	P	P	19 57 24.8 -0.6
H06A	Lindquist Farm	57.78 57	iP	P	19 57 25.4 -0.4
B11A	Sandpoint	57.84 52	P	P	19 57 27.5 +1.2
G07A	Ruggs Ranch, H	57.85 56	iP	P	19 57 27.0 +0.6
A12A	Yaak River Ran	57.94 51	iP	P	19 57 27.6 +0.6
E09A	Wood Farm, Sta	57.99 55	P	P	19 57 28.2 +0.9
KSM	Kuching	58.12 232	iP	P	19 57 29.3 +0.7
AB31	Akbulak array,	58.15 310	eP	P	19 57 27.6 -0.8
D10A	Wagner Farm,	58.16 54	P	P	19 57 29.4 +0.8
TMCR	Tamitsa	58.19 332	eP	P	19 57 25.1 -3.4
G08A	Pilot Rock	58.24 56	iP	P	19 57 29.4 +0.2
SDNR	Sundarnash	58.40 284	eP	P	19 57 31.0 +0.5
DLH	Dalhousie	58.43 285	eP	P	19 57 30.0 -0.6
AKTK	Aktubinsk	58.45 312	P	P	19 57 29.6 -1.0
AKTK	comp=Z,9.0nm,0.6s,mb5.0	19 57 29.6 -1.0			
AKTK	Aktubinsk	58.45 312	P	P	19 57 29.6 -1.0
AKTK	comp=Z,9.0nm,0.6s,mb5.0	19 57 29.6 -1.0			
AKTK	Aktubinsk	58.45 312	P	P	19 57 29.6 -1.0
AKTK	comp=Z,9.0nm,0.6s,mb5.0	19 57 29.6 -1.0			
E10A	Myers Farm, Un	58.58 54	iP	P	19 57 31.4 -0.1
A13A	Flathead Natl	58.60 50	P	P	19 57 31.9 +0.3
THN	Thein Dam	58.66 285	eP	P	19 57 32.1 -0.1
D11A	Klaveano Farm,	58.68 53	P	P	19 57 32.5 +0.3
KTK1	Kautokeino	58.69 341	eP	P	19 57 32.0 +0.1
KTK1	AMB	19 57 35.5			
J06A	Christmas Vall	58.76 59	iP	P	19 57 32.3 -0.5
WALA	Waterton Lakes	58.79 50	eP	P	19 57 32.8 -0.1
F10A	Beach Ranch, E	58.82 55	iP	P	19 57 33.4 +0.2
H08A	Prairie City,	58.87 57	iP	P	19 57 33.7 +0.2
B13A	Whitfish	58.91 51	P	P	19 57 34.3 +0.6
WDC	Whiskeytown Da	58.92 62	iP	P	19 57 34.8 +0.9
G09A	Cove	58.92 56	iP	P	19 57 34.8 +0.9
K06A	Valley Falls	58.97 59	iP	P	19 57 35.2 +0.9
BSMT	Bassoo Peak	59.05 52	eP	P	19 57 36.1 +1.4
ALBI	Alalahab	59.05 275	eP	P	19 57 33.0 -2.1
L05A	Lakeview	59.07 60	iP	P	19 57 36.2 +1.3
TRO	Tromso	59.11 343	eP	P	19 57 34.0 -0.8
TRO	AMB	19 57 36.1			
TRO	Tromso	59.11 343	eP	P	19 57 37.4 -8.7
E11A	Bogner Ranch,	59.16 54	P	P	19 57 36.1 +0.6
D12A	Red Ives-Fore	59.22 53	iP	P	19 57 35.8 +0.1
C13A	Hot Springs	59.26 52	iP	P	19 57 36.8 +0.6
I08A	Drewsey	59.29 57	iP	P	19 57 36.3 -0.1
M05C	Lockout	59.30 61	iP	P	19 57 37.8 +1.3
H09A	Durkee	59.35 56	iP	P	19 57 38.5 +1.6
GASB	Alder Springs	59.37 63	iP	P	19 57 38.0 +0.9
ORR	Orenburg	59.39 314	eP	P	19 57 36.0 -1.0
HATC	Hat Creek Radi	59.43 62	iP	P	19 57 37.0 -0.5
BMO	Blue Mountains	59.45 56	eP	P	19 57 38.2 +0.7
KKR	Kurukshetra	59.47 283	eP	P	19 57 37.5 -0.4
F11A	Grangeville	59.47 54	iP	P	19 57 37.6 -0.1
MOD	Modoc	59.48 60	iP	P	19 57 39.0 +1.3
K07A	Rock Creek Ran	59.62 59	iP	P	19 57 39.3 +0.6
C14A	Swan Lake	59.66 51	iP	P	19 57 39.2

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like KAF Kangasniemi, K11A Cowboy Ranch, PTRM Twisselman Ran, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CTA Charters Tower, CTAO Charters Tower, GMRC Granite Mounta, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like AKASG comp=Z,902nm,19.2s, AKASG Main Array Be, AKASG comp=Z,59nm,0.3s, etc.



BRG	Berggiesshubel	76.45 334	iP	P	19 59 23.7	-0.6
BRG	comp=N,1j,um,26.0s					
BRG	comp=E,743nm,16.9s					
BRG	comp=Z,840nm,19.5s					
HATD	Hatta, Dubai	76.51 292	P	P	19 59 25.6	+0.7
SMDO	Samad	76.52 289	P	P	19 59 26.4	+1.3
BWH	Wardlaw	76.53 346	eP	P	19 59 25.0	+0.4
PVCO	Panska Ves	76.57 334	iP	P	19 59 24.8	-0.1
XAL	Allendale	76.58 345	eP	P	19 59 25.1	+0.2
FBE	Freiberg	76.58 335	eP	P	19 59 23.9	-1.1
CLZ	Clausthal	76.60 337	eP	P	19 59 25.1	+0.1
CLZ	comp=Z,147nm,1.9s,m5.6					
CLZ	Clausthal	76.60 337	eP	P	19 59 25.1	+0.1
HOQ	Hoqain	76.63 290	P	P	19 59 26.0	+0.3
ASHO	Ashiyah	76.65 292	P	P	19 59 26.3	+0.5
TIRR	Tirgusor	76.70 322	iP	P	19 59 25.4	-0.4
BALT	Dayur	76.84 318	iP	P	19 59 27.9	+1.3
IBBN	Ibbenburen	76.86 339	eP	P	19 59 26.3	-0.2
MLR	Muntele Rosu	76.87 325	P	P	19 59 28.2	+1.6
MLR	Muntele Rosu	76.87 325	iP	P	19 59 26.4	-0.3
GCD	Castle Douglas	76.87 346	eP	P	19 59 26.3	-0.2
MALT	Malatyia	76.89 312	iP	P	19 59 28.1	+1.2
MALT	Malatyia	76.89 312	iP	P	19 59 28.1	+1.2
MALT	comp=Z,38nm,0.8s,m5.4					
MALT	comp=Z,38nm,0.8s,m5.4					
MALT	Malatyia	76.89 312	iP	P	19 59 27.8	+0.9
CTKT	Corum	76.90 316	iP	P	19 59 27.7	+0.8
JMDO	Jabal Madar	76.97 289	P	P	19 59 28.8	+1.2
VYHS	Vyhne	76.97 330	iP	P	19 59 27.3	+0.1
VYHS	comp=Z,24nm,0.9s,m5.5					
VYHS	Vyhne	76.97 330	iP	P	19 59 27.3	+0.1
GALI	Galloway	77.00 347	eP	P	19 59 27.6	+0.4
GALI	comp=Z,67nm,1.4s,m5.0					
CKE	Keswick	77.00 346	eP	P	19 59 27.9	+0.7
VRAC	Vranov	77.01 332	iP	P	19 59 27.7	+0.3
PRR	Prague	77.02 334	iP	P	19 59 28.0	+0.6
DRGR	Drage	77.04 327	P	P	19 59 27.9	+0.3
KOLL	Kolacno	77.05 331	eP	P	19 59 28.0	+0.4
PRU	Pruhonice	77.06 334	iP	P	19 59 27.6	0.0
PRU	comp=Z,1j,um,21.4s					
PSZ	Piszkesteto	77.10 329	eP	P	19 59 27.7	-0.2
PSZ	comp=Z,42nm,1.0s,m5.3					
PSZ	Piszkesteto	77.10 329	eP	P	19 59 27.7	-0.2
PSZ	Piszkesteto	77.10 329	eP	P	19 59 28.1	+0.2
PSZ	Piszkesteto	77.10 329	iP	P	19 59 27.9	0.0
HDIL	Hopedale	77.17 44	eP	P	19 59 27.1	-1.4
VOIR	Voiron	77.27 325	P	P	19 59 29.6	+0.7
VOIR	Voiron	77.27 325	iP	P	19 59 29.9	+1.0
BSY	Bisya	77.29 290	P	P	19 59 30.1	+0.7
TANN	Tannenbergstha	77.30 335	eP	P	19 59 28.2	-0.8
TANN	comp=Z,47nm,1.5s,m5.2					
ARQ	Araqi	77.31 290	P	P	19 59 29.9	+0.4
ARQ	SNR=16					
WERD	Werda	77.31 335	eP	P	19 59 28.6	-0.5
WERD	comp=Z,42nm,1.1s,m5.3					
MOX	Moxa	77.33 336	eP	P	19 59 29.1	-0.1
MOX	comp=Z,133nm,1.7s,m5.6					
MOX	Moxa	77.33 336	eP	P	19 59 29.1	-0.1
MOX	comp=Z,133nm,1.7s,m5.6					
MOX	Moxa	77.33 336	eP	P	19 59 28.7	-0.5
MOX	comp=Z,52nm,1.0s,m5.0					
HPK	Haverah Park	77.34 345	eP	P	19 59 29.8	+0.7
HPK	comp=Z,135nm,1.4s,m5.7					
TREC	Trest	77.37 333	iP	P	19 59 29.3	-0.1
TREC	AMS					
GUNZ	Gunzen	77.38 335	eP	P	19 59 29.1	-0.3
GUNZ	comp=Z,37nm,0.8s,m5.4					
WERN	Wernitzgruen	77.43 335	eP	P	19 59 29.4	-0.3
NKC	Novy Kostel	77.46 335	iP	P	19 59 29.8	-0.1
GIM	North Isle of La Paz	77.51 346	eP	P	19 59 30.5	+0.4
LPIG	La Paz	77.53 68	LR	LR	20 26 37.4	
BUG	Bochum-Unioner	77.77 339	eP	P	19 59 31.2	-0.4
BUG	comp=Z,63nm,1.1s,m5.0					
BUD	Budapest	77.78 330	eP	P	19 59 32.7	+1.0
LHO	Holmfirth	77.78 345	eP	P	19 59 31.4	-0.2
MANZ	Manzenberg	77.78 335	eP	P	19 59 31.0	-0.7
ZST	Zlatibor	77.81 331	iP	P	19 59 32.8	+0.9
ZST	comp=Z,40nm,1.0s,m5.3					
ZST	comp=Z,600nm,20.4s,MS4.9					
LTX	Lajitas	77.88 60	eP	P	19 59 31.8	-0.8
LTX	comp=Z,11nm,0.7s,m4.9					
LTX	Lajitas	77.88 60	eP	P	19 59 31.8	-0.8
LTX	comp=Z,11nm,0.7s,m4.9					
TXAR	Lajitas Array	77.88 60	P	P	19 59 32.4	-0.2
TXAR	comp=Z,15nm,0.8s,m5.0,baz=298,slow=4.6,SNR=67					
TXAR	PKKpbc				20 18 33.5	+2.4
ROTZ	Rotzenmuhle	77.95 335	eP	P	19 59 32.5	-0.1
ROTZ	comp=Z,0.6nm,0.9s,baz=157,slow=3.5,SNR=3.5					
KB1	Birley Grange	78.00 344	eP	P	19 59 33.2	+0.4
GZT	Gaziantep	78.06 312	iP	P	19 59 34.7	+1.3
KHC	Kasperske Hory	78.11 334	iP	P	19 59 33.7	+0.2
KHC	AMS				19 59 38.0	
KHC	comp=Z,900nm,17.4s,MS5.2					
KHC	Kasperske Hory	78.11 334	iP	P	19 59 33.6	+0.1
KHC	Kasperske Hory	78.11 334	iP	P	19 59 33.7	+0.2
KHC	AMS				19 59 38.0	-7.2
KHC	AMS				20 37 20.0	
BR131	Keskin Array S	78.15 316	eP	P	19 59 34.3	+0.4
BRTR	Keskin Array B	78.15 316	P	P	19 59 34.5	+0.6
BRTR	comp=Z,20nm,0.7s					
BRTR	Keskin Array B	78.15 316	P	P	19 59 34.5	+0.5
BRTR	comp=Z,20nm,0.7s,m5.2,baz=65,slow=3.8,SNR=70					
GZR	Gura Zlata	78.19 326	P	P	19 59 34.3	+0.3
GZR	Gura Zlata	78.19 326	P	P	19 59 34.7	+0.7
KWE	Weaver Farm	78.28 345	eP	P	19 59 35.2	+0.9
GRA1	Grafenberg Arr	78.30 335	eP	P	19 59 34.7	+0.1
GRA1	comp=Z,102nm,0.8s,m5.8					
GRF	Grafenberg Arr	78.30 335	eP	P	19 59 34.7	+0.1
GRF	comp=Z,102nm,0.8s,m5.8					
GRF	Grafenberg Arr	78.30 335	eP	P	19 59 34.7	+0.1
GRF	comp=Z,102nm,0.8s,m5.8					
GRF	Grafenberg Arr	78.30 335	eP	P	19 59 34.7	+0.1
GRF	comp=Z,102nm,0.8s,m5.8					
GRFO	Grafenberg	78.30 335	iP	P	19 59 34.4	-0.2
GRFO	comp=Z,102nm,1.0s,m5.7					
GRFO	Grafenberg	78.30 335	iP	P	19 59 34.4	-0.2
GRFO	comp=Z,102nm,1.0s,m5.7					
WET	Wetzell	78.31 334	eP	P	19 59 34.7	+0.1
WET	comp=Z,66nm,1.0s,m5.5					
WET	Wetzell	78.31 334	eP	P	19 59 34.7	+0.1
WET	comp=Z,66nm,1.0s,m5.5					
GE2C	GERESS Array S	78.32 334	eP	P	19 59 34.1	-0.6
GE2C	comp=Z,24nm,0.7s,m5.2					
GE2C	GERESS Array S	78.32 334	eP	P	19 59 34.1	-0.6
GE2C	comp=Z,24nm,0.7s,m5.2					

BZES	GERESS Array B	78.32 334	P	P	19 59 34.7	0.0
BZES	comp=Z,14nm,0.5s					
GERES	comp=Z,980nm,18.2s,MS5.2,baz=44,slow=39					
GERES	GERESS Array B	78.32 334	P	P	19 59 34.7	0.0
GERES	comp=Z,14nm,0.5s,m5.1,baz=36,slow=6.0,SNR=166					
GERES	LR				20 38 16.9	
AAM	Ann Arbor	78.34 39	eP	P	19 59 34.1	-0.8
AAM	comp=Z,23nm,0.7s,m5.2					
AAM	Ann Arbor	78.34 39	eP	P	19 59 34.1	-0.8
AAM	comp=Z,23nm,0.7s,m5.2					
MIB	Mutribah	78.34 301	eP	P	19 59 35.2	+0.1
MIB	comp=Z,367nm,0.7s					
ANTO	Ankara	78.43 317	iP	P	19 59 35.8	+0.4
ANTO	comp=Z,44nm,0.5s,m5.6					
ANTO	Ankara	78.43 317	iP	P	19 59 35.8	+0.3
ANTO	comp=Z,44nm,0.5s,m5.6					
ANTO	Ankara	78.43 317	iP	P	19 59 36.9	+1.4
ANTO	Buzias	78.44 327	iP	P	19 59 35.2	-0.2
BZS	Buzias	78.44 327	iP	P	19 59 34.9	-0.5
CWF	Charnwood Fore	78.44 344	eP	P	19 59 35.9	+0.6
CWF	comp=Z,104nm,1.6s,m5.5					
CONA	Conrad Observa	78.45 332	iP	P	19 59 35.9	+0.5
CONA	comp=Z,51nm,0.7s,m5.6,SNR=53					
TNS	Tausnis Mts	78.58 337	eP	P	19 59 35.4	-0.7
TNS	comp=Z,58nm,0.9s,m5.5					
TNS	Tausnis Mts	78.58 337	eP	P	19 59 35.4	-0.7
TNS	comp=Z,58nm,0.9s,m5.5					
KBD	Kabd	78.59 300	eP	P	19 59 36.9	+0.4
KBD	comp=Z,44nm,0.6s					
FVM	French Village	78.63 46	eP	P	19 59 35.6	-1.0
FVM	comp=Z,14nm,0.7s,m5.0					
FVM	French Village	78.63 46	eP	P	19 59 35.6	-1.0
FVM	comp=Z,14nm,0.7s,m5.0					
SBD1	Bryn Du	78.64 345	eP	P	19 59 37.0	+0.6
CRAR	CRAIOVA	78.69 325	P	P	19 59 37.7	+0.9
SZH	Strazhica	78.71 323	P	P	19 59 37.3	+0.3
BEEN	Eben Emael	78.76 339	P	P	19 59 36.8	-0.3
QRN	Al-Qurain	78.77 300	eP	P	19 59 37.8	+0.2
QRN	comp=Z,220nm,0.6s					
DLF	Lyons Farm	78.80 347	eP	P	19 59 37.4	+0.2
DLF	Al-Naaien	78.80 301	eP	P	19 59 37.8	0.0
DLF	comp=Z,151nm,1.0s,m5.9					
STKA	Stephens Creek	78.83 189	eP	P	19 59 37.3	-0.2
STKA	comp=Z,2.6nm,0.7s,m4.3					
STKA	Stephens Creek	78.83 189	P	P	19 59 37.1	-0.4
STKA	comp=Z,3.5nm,0.8s,m4.3,baz=345,slow=5.6,SNR=7.3					

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like LOR Lormes, GRR Gorron, CABF La Chapelle, etc.

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like SBF Sospel, URVA RJF, LRF La Forest, etc.

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like BOSA Boshof, GSPA South Pole, MAIT Maitri, etc.

SKHL 24 19:59:49.5, 0.7, 4880N:142.28E, h10km, mb4.7/3
SKHL Felt (V) at Uglegor, Shaktersk.
MOS 24 19:59:49.4, 1.0, 4886N:142.13E, h14km, mb4.2/3, Error ellipse: s-maj=99.9km s-min=17.4km az=97.2

MOS Felt (V) at Uglegor, Shaktersk.
ISCJB 24 19:59:50.1, 0.7, 4876N:003:142.13E, 0.10, h9km, 6km, mb3.9/3, Error ellipse: s-maj=11.1km s-min=4.3km az=162.8

ISC 24 19:59:51.3, 3.6, 4859N:140.86E, h0km, mb3.9/3, mb1.3/9.4, mb1mx3.5/23, mbtm3.8/4, ML3.5/1, Error ellipse: s-maj=242.9km s-min=23.2km az=73.0

ISC 24 19:59:51.1, 0.8, 4870N:104:142.13E, 0.09, h6km, 6km, n16, c0893/29, mb3.9/3, 4D, Sakhalin Island

Code Station Name Az El Op Phase ID Time Res
UGL Uglegor 0.29 351 i Pn ISC 19:59:56.0 -0.8
UGL Uglegor 0.29 351 i Pn Pg 20:00:00.5 -0.1

Code Station Name Az El Op Phase ID Time Res
YSS Yuzh-Sakhalins 1.88 167 j Pn Pg 20:00:23.5 -0.3
YSS Yuzh-Sakhalins 1.88 167 j Pn Pg 20:00:27.0 -0.2

Code Station Name Az El Op Phase ID Time Res
ASAJ Asahikawa 4.69 176 Pn Pn 20:01:02.6 +0.4
ASAJ Asahikawa 4.69 176 Pn Pn 20:01:57.3 +1.8

Code Station Name Az El Op Phase ID Time Res
FITZ Fitzroy Crossi 17.18 187 Pn ISC 20:32:03.3 +1.0
WRA Warramunga Arr 19.93 162 P Pn 20:32:33.6 -2.2



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HAKT, AGRB, TUTA, CUKT, SIRT, BTMT, BEST, ERZM, EZM.

IDC 24 23:38:08.2.2.1, 105S-12755E, h0km, mb3.2/2, mb1 3.3/3, mb1mx3.2/16, mbtmp3.2/3, ML3.3/1, Error ellipse: s-maj=154.6km s-min=27.8km az=67.0, Halmahera

PDG 24 23:43:35.8, 5140N-17860W, h26km, mb5.6/9, ISCJB 24 23:43:39.0.0.1, 5143N-003.17859W, 0.02, h29km, mb5.3/26, MS4.7/161, Error ellipse: s-maj=4.4km s-min=1.7km az=6.0

GCMT 24 23:43:42.0.0.2, 5121N-17834W, h40km, MW5.3/86, Moment Tensor Solution, s84.c144; s86.c157; Duration: 1s1 Moment tensor: Scale 1017Nm; M0=0.86e-02; M1=0.82e-02; M2=0.04e-02; M3=0.36e-02; M4=0.41e-01; M5=0.35e-01; Best double couple: M01.05500e+10 N P1.259.00000, d33.00000, lambda109.00000. NP2.056.00000, d59.00000, lambda78.00000. Principal axes: T 1.0030, P1g73.0000, Azm296.0000; N 0.1040, P1g10.0000, Azm62.0000; P -1.1070, P1g14.0000, Azm155.0000; nsta1 refers to body waves, nsta2 refers to surface waves, cutoff=50s.

SZGRF 24 23:43:42.1, 5127N-17856W, h33km, mb5.3, Andreanof Islands, Aleutian Islands, United States

NEIC 24 23:43:42.0.0.1, 5145N-17859W, h35km, mb5.4/171, MS4.7/107, ML5.4(AEIC), Error ellipse: s-maj=4.2km s-min=2.0km az=185.0

ISC 24 23:43:42.0.0.1, 5150N-003.17861W, 0.02, h31km, h31km, 6km; p-P, n1059, 0.078/1008, mb5.3/264, MS4.7/161, 239C-125D, Andreanof Islands

Main table of station data for the 24d 23h period, including codes like AMKA, ATKA, SKR, TNA, etc., and their respective coordinates and phases.

Main table of station data for the 2007 FEB period, including codes like SIT, ASAJ, INK, ERM, YAK, etc., and their respective coordinates and phases.

Main table of station data for the 872 period, including codes like C05A, D05A, A07A, G03A, C06A, L0N, F04A, E05A, H03A, I02A, C0R, C0R, C0R, C0R, B07A, NLW, D06A, G04A, A08A, I03A, TBM, C07A, E06A, J05A, WTV, EBG, B08A, HOOD, H04A, BROR, A09A, D07A, CN2, CN2, CN2, CN2, J03A, K02A, G05A, F06A, I04A, C08A, E07A, B0D, B0D, B09A, H05A, G06A, A10A, HAWA, F07A, CBJ, D08A, J04A, I05A, E08A, H06A, D09A, EDM, B10A, G07A, NEW, NEW, YBH, YBH, Y05A, J05A, C10A, A11A, O01C, E09A, L04A, I06A, B11A, G08A, D10A, M04C, A12A, M03C, I07A, J06A, WDC, WDC, WDC.



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BLG Laguna Peak, DUG Dugway, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DVTC Desert V Tower, SWSC Sam W. Stewart, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, KURK, and many others.



ARU	comp=Z,112nm,1.0s,mb6.0,SNR=8.0	Arti	62.56 328 eP	P	23 54 02.1 -0.2
ARU	comp=Z,24nm,1.0s,mb5.5			LR	
ARU	comp=Z,805nm,20.0s,MS4.9	Arti	62.56 328 i/P	P	23 54 02.0 -0.3
HKT	comp=Z,36nm,1.5s,mb5.3	Hockley	62.87 75 eP	P	23 54 03.8 -1.0
HKT	comp=Z,75nm,1.4s,mb5.6			e	P
ACSO	comp=Z,38nm,0.9s,mb5.5	Alum Creek Sta	62.92 59 eP	P	23 54 03.6 -1.3
WWT	comp=Z,4.0nm,21.0s	Waverly	63.17 65 PFAKE	LR	
ALLY	comp=Z,4.0nm,21.0s	Alegheny Colle	63.39 56 eP	P	23 54 07.8 -0.3
OXF	comp=Z,511nm,1.3s	Oxford	63.42 67 i/P	P	23 54 07.4 -0.9
OXF	comp=Z,657nm,21.0s,MS4.8	Oxford	63.42 67 P	P	23 54 07.6 -0.7
HNR	comp=Z,510nm,1.2s	Honiara	63.45 204 PFAKE	LR	
HNR	comp=Z,465nm,22.0s,MS4.6	Honiara	63.45 204 LR	LR	23 54 20.0 +11
JOF	comp=Z,319nm,19.4s,MS4.5,baz=360,slow=33	Joensuu	63.51 345 eP	P	23 54 07.3 -1.2
JOF	comp=Z,8.4nm,0.5s,mb5.0	Joensuu	63.51 345 eP	P	23 54 07.3 -1.2
MSNY	comp=Z,8.0nm,0.5s,mb5.0	Massena	63.59 50 PFAKE	LR	
DAV	comp=Z,619nm,22.0s,MS4.7	Davaco City (W)	63.64 246 PFAKE	LR	
KMI	comp=Z,45nm,1.0s,mb5.5	Kunming	63.83 278 P	P	23 54 11.6 +0.4
KMI	comp=Z,290nm,5.4s			AMB	AMB
KMI	comp=N,334nm,20.8s			LR	LR
KMI	comp=E,276nm,27.8s			LR	LR
KMI	comp=Z,387nm,32.4s	Kunming	63.83 278 P	P	23 54 11.6 +0.4
KMI	comp=Z,45nm,1.0s,mb5.5			eP	P
KMI				sP	S
KMI				PP	PP
KMI				S	S
KMI				SS	SS
KMI				SS	SS
PLAL	comp=Z,390nm,32.4s,MS4.4	Pickwick Lake	63.85 66 eP	P	23 54 09.9 -1.3
PLAL	comp=Z,122nm,0.8s,mb6.0			e	P
QIZ	comp=Z,312nm,22.6s,MS4.4	Qiongzong	63.89 268 P	P	23 54 10.1 -1.8
QIZ	comp=Z,10.0nm,0.5s,mb5.1,baz=13,slow=6.0			PP	P
QIZ	comp=Z,10.0nm,0.5s,mb5.1			LR	LR
QIZ	comp=N,312nm,18.8s			LR	LR
SWET	comp=Z,312nm,22.6s,MS4.4	Sewanee	64.90 65 eP	P	23 54 17.0 -1.1
KAF	comp=Z,10.0nm,0.5s,mb5.1,baz=13,slow=6.0	Kangasniemi	65.02 347 eP	P	23 54 16.8 -1.6
KAF	comp=Z,10.0nm,0.5s,mb5.1	Kangasniemi	65.02 347 eP	P	23 54 16.8 -1.6
TZTN	comp=Z,10.0nm,0.5s,mb5.1	Tazewell	65.27 62 eP	P	23 54 19.9 -0.6
TZTN	comp=Z,257nm,1.5s,mb6.0			LR	LR
SSPA	comp=Z,538nm,19.0s,MS4.8	Standing Stone	65.30 55 eP	P	23 54 19.4 -1.1
AFI	comp=Z,22nm,0.9s,mb5.2	Afiama	65.41 173 LR	LR	00 17 57.0
CPCT	comp=Z,264nm,18.4s,MS4.6,baz=59,slow=31	Cooper Cave	65.52 63 eP	P	23 54 21.3 -0.8
FINES	comp=Z,46nm,1.3s,mb5.2	FINES Array B	65.69 347 P	P	23 54 21.9 -0.8
FINES	comp=Z,32nm,1.3s,mb5.1			PcP	PcP
FINES	comp=Z,12nm,0.8s	FINES Array B	65.69 347 P	P	23 54 21.8 -0.9
FINES	comp=Z,12nm,0.8s	FINES Array B	65.69 347 P	P	23 54 21.9 -0.8
FINES	comp=Z,12nm,0.8s,mb5.0,baz=22,slow=7.0,SNR=52			PcP	PcP
FINES	comp=Z,8.1nm,0.8s,baz=46,slow=5.5,SNR=6.4			LR	LR
LRAL	comp=Z,243nm,18.7s,MS4.4,baz=209,slow=41	Lakeview Retre	65.87 67 eP	P	23 54 22.4 -2.0
TKM2	comp=Z,78nm,1.1s,mb5.7	Tokmak 2	66.13 309 P	P	23 54 28.3 +2.4
TKM2	comp=Z,35nm,1.1s,mb5.3	Tokmak 2	66.13 309 eP	P	23 54 27.1 +1.2
ELN	comp=Z,500nm,21.0s,MS4.7	Prospectdale	66.29 60 eP	P	23 54 26.1 -1.0
ULSH	comp=Z,12nm,0.8s,mb5.0,baz=22,slow=7.0,SNR=52	Ulsholm	66.33 309 P	P	23 54 28.9 +1.8
USHP	comp=Z,12nm,0.8s,mb5.0	Ospenovka	66.40 310 P	P	23 54 27.4 -0.1
CHMS	comp=Z,500nm,21.0s,MS4.7	Chumysh	66.48 310 P	P	23 54 30.7 +2.6
BLA	comp=Z,25nm,0.8s,mb5.3	Blacksburg	66.48 60 eP	P	23 54 27.5 -0.7
KBK	comp=Z,25nm,0.8s,mb5.3	Karagaybulak	66.64 310 eP	P	23 54 31.6 +2.5
FRU	comp=Z,80nm,1.6s,mb5.5	Bishkek	66.67 310 eP	P	23 54 30.0 +0.7
FRU	comp=Z,80nm,1.6s,mb5.5			e	P
AAK	comp=Z,138nm,1.0s,mb5.9,SNR=9.9	Ala-Archa	66.88 310 P	P	23 54 30.3 -0.4
AAK	comp=Z,49nm,1.3s,mb5.4	Ala-Archa	66.88 310 eP	P	23 54 29.9 -0.8
AAK	comp=Z,697nm,21.0s,MS4.8	Ala-Archa	66.88 310 i/P	P	23 54 29.4 -1.3
KZA	comp=Z,41nm,1.4s,mb5.3	Kyzart	66.94 309 P	P	23 54 34.0 +3.0
CPNY	comp=Z,793nm,0.9s	Central Park	67.17 53 eP	P	23 54 31.8 -0.7
UCH	comp=Z,793nm,0.9s	Uchtor	67.18 310 eP	P	23 54 35.5 +2.9
UCH	comp=Z,793nm,0.9s	Uchtor	67.18 310 eP	P	23 54 34.5 +1.9
EKS2	comp=Z,1.2um,21.0s	Erkin-Say	67.20 310 P	P	23 54 33.3 +0.6
EKS2	comp=Z,49nm,1.3s,mb5.4	Erkin-Say	67.20 310 eP	P	23 54 33.1 +0.4
EKS2	comp=Z,732nm,19.0s,MS4.9	Weston	67.25 50 PFAKE	LR	
WES	comp=Z,1.2um,21.0s,MS5.1	Brewton	67.31 68 PFAKE	LR	
PMG	comp=Z,494nm,21.0s,MS4.7	Port Moresby	67.47 217 PFAKE	LR	
PMG	comp=Z,492nm,21.0s,MS4.7	Port Moresby	67.47 217 LR	LR	00 18 25.8
LSA	comp=Z,399nm,20.3s,MS4.5,baz=222,slow=31	Lhasa	67.51 290 eP	P	23 54 37.3 +2.4
NB2	comp=Z,10.0nm,0.9s,mb4.8	NORSAR Subarr	67.53 355 P	P	23 54 33.9 -0.6

NOA	comp=Z,7.0nm,0.8s	NORSAR Array B	67.53 355 P	P	23 54 33.8 -0.7
NOA	comp=Z,11nm,0.9s			pmax	pmax
NOA	comp=Z,293nm,18.2s	NORSAR Array B	67.53 355 P	P	23 54 33.8 -0.7
NOA	comp=Z,7.1nm,0.8s,mb4.8,baz=6.0,slow=6.3,SNR=18			PcP	PcP
NOA	comp=Z,1.1nm,0.9s,baz=1.5,slow=3.0,SNR=9.7			LR	LR
GOGA	comp=Z,293nm,18.2s,MS4.5,baz=0,slow=37	Godfrey	67.61 64 eP	P	23 54 34.3 -1.2
GOGA	comp=Z,663nm,19.0s,MS4.9	Almayashu	67.65 310 P	P	23 54 38.9 +3.4
AML	comp=Z,33nm,1.1s,mb5.3	Almayashu	67.65 310 eP	P	23 54 36.5 +1.0
AKTO	comp=Z,751nm,19.0s,MS4.9	Aktuyubinsk	67.66 325 LR	LR	00 26 39.6
URVA	comp=Z,890nm,18.7s,MS5.0,baz=220,slow=38	University of Orenburg	67.75 57 eP	P	23 54 35.4 -0.9
AB31	comp=Z,404nm,20.1s,MS4.7,baz=27,slow=36	Abkuzak array	67.91 323 P	P	23 54 36.6 -0.5
HFS	comp=Z,1.0nm,0.4s,mb4.2	Haglof	68.28 353 LR	LR	00 24 25.4
KK31	comp=Z,22nm,0.9s,mb5.2	Karatay Array	68.39 313 i/P	P	23 54 39.7 -0.5
KKAR	comp=Z,21nm,1.0s,mb5.1	Kashi	68.52 307 eP	P	23 54 42.5 +1.4
KSH	comp=Z,75nm,1.4s,mb5.6			eP	eP
KSH	comp=Z,75nm,1.4s,mb5.6			sP	sP
KSH	comp=Z,75nm,1.4s,mb5.6			ePcP	ePcP
KSH	comp=Z,75nm,1.4s,mb5.6			ePP	ePP
KSH	comp=Z,75nm,1.4s,mb5.6			ePPP	ePPP
KSH	comp=Z,75nm,1.4s,mb5.6			eSPP	eSPP
KSH	comp=Z,75nm,1.4s,mb5.6			ePCS	ePCS
KSH	comp=Z,556nm,1.9s			AMB	AMB
KSH	comp=N,1.1um,6.1s			LR	LR
KSH	comp=E,1.1um,6.6s			LR	LR
KSH	comp=Z,1.1um,5.0s	Moscow	68.99 339 eP	P	23 54 43.2 -0.5
MOS	comp=Z,71nm,1.1s,mb5.5	Kongberg	69.01 356 PFAKE	LR	
KONO	comp=Z,647nm,19.0s,MS4.9	Cliffs of the	69.31 59 PFAKE	LR	
CNCC	comp=Z,370nm,19.0s,MS4.7	Imp High	69.48 284 eP	P	23 54 47.0 -0.2
IMP	comp=Z,306nm,1.0s	NHSC	69.67 62 eP	P	23 54 48.1 -0.1
NHSC	comp=Z,754nm,19.0s,MS5.0	Obninsk	69.80 339 P	P	23 54 48.1 -0.6
OBN	comp=Z,295nm,0.6s,SNR=5.3	Obninsk	69.80 339 eP	P	23 54 48.3 -0.4
OBN	comp=Z,69nm,1.1s,mb5.5			LR	LR
OBN	comp=Z,705nm,21.0s,MS4.9	Obninsk	69.80 339 i/P	P	23 54 48.4 -0.3
OBN	comp=Z,84nm,1.3s,mb5.5			e	pmax
SHL	comp=Z,600nm,16.0s,MS4.9	Shiung	70.13 286 eP	P	23 54 53.0 +1.8
KKTK	comp=Z,494nm,0.6s	Chiang Mai	70.85 276 i/P	P	23 54 55.4 -0.3
CHG	comp=Z,46nm,1.3s,mb5.2	Chiang Mai	70.85 276 eP	P	23 54 54.9 -0.8
CHTO	comp=Z,32nm,1.3s,mb5.1			e	P
CHTO	comp=Z,266nm,22.0s,MS4.5	Chiang Mai	70.85 276 eP	P	23 54 54.0 -1.4
CHTO	comp=Z,31nm,1.3s,mb5.1			e	P
CHTO	comp=Z,266nm,22.0s,MS4.5			MLR	MLR
CM31	comp=Z,457nm,19.0s,MS4.8	Chiang Mai Arr	71.12 276 PFAKE	LR	
CM31	comp=Z,1.1um,1.0s	Taplejung	71.28 290 eP	P	23 54 59.6 +1.4
ODAN	comp=Z,749nm,1.5s	Odare	71.83 290 eP	P	23 55 02.7 +1.2
JIRN	comp=Z,1.1um,0.9s	Jiri	71.93 292 eP	P	23 55 03.8 +1.7
VRHR	comp=Z,50nm,1.0s,mb5.4	Novokhopersk	72.25 335 eP	P	23 55 03.7 +0.1
VRHR	comp=N,70nm,0.9s			e	pmax
VRHR	comp=E,40nm,1.1s			e	pmax
KKN	comp=Z,481nm,0.8s	Kakani	72.36 292 eP	P	23 55 05.8 +1.1
GKN	comp=E,693nm,1.0s	Gorkha	72.57 293 eP	P	23 55 06.7 +0.8
VRSR	comp=Z,8.0nm,1.1s,mb4.6	Storozhevoje	72.77 336 eP	P	23 55 06.6 -0.1
VRSR	comp=N,4.0nm,0.9s			e	pmax
VRSR	comp=E,3.0nm,0.9s			e	pmax
CMIG	comp=Z,6.8nm,0.8s,mb4.6,baz=346,slow=8.3,SNR=5.0	Matias Romero	72.94 84 P	P	23 55 07.1 -1.1
VORD	comp=Z,40nm,1.2s,mb5.2	Divnogorie	72.97 336 eP	P	23 55 07.3 -0.6
VORD	comp=N,30nm,0.8s			e	pmax
VORD	comp=E,20nm,0.9s			e	pmax
VORD	comp=Z,860nm,19.0s,MS5.0			MLR	MLR
VORD	comp=N,500nm,16.0s			MLR	MLR
COEN	comp=E,16nm,1.2s,mb4.8	Coen	73.16 219 eP	P	23 55 07.7 -1.7
COEN	comp=Z,285nm,30.0s	Papeete	73.31 151 eS	S	23 55 23.2
PPT	comp=E,1.1um,28.2s,baz=348	Papeete	73.31 151 eP	P	00 04 29.8 -6.8
JOSI	comp=Z,384nm,18.0s,MS4.7,baz=326,slow=32	Joshimat	73.47 298 eP	P	23 55 12.0 +0.6
JOSI	comp=Z,186nm,1.0s,mb5.0	Thain Dam	74.11 302 eP	P	23 55 15.0 +0.1
RAR	comp=Z,701nm,20.2s,MS5.0,baz=48,slow=30	Rarotonga	74.26 162 PFAKE	LR	
TEIG	comp=Z,353nm,20.0s,MS4.7	Tepech	74.64 77 P	P	23 55 17.1 -1.1

TEIG	comp=Z,18nm,0.8s,mb5.0,baz=327,slow=7.6,SNR=6.2	Tepech	74.64 77 P	P	23 55 17.1 -1.1
BSEG	comp=Z,43nm,1.0s,mb5.3	Bad Segeberg	74.67 355 eP	P	23 55 18.0 +0.2
BSEG	comp=Z,43nm,1.0s,mb5.3	Bad Segeberg	74.67 355 eP	P	23 55 18.0 +0.2
KKR	comp=Z,85nm,0.1s	Kurukshetra	75.44 300 eP	P	23 55 23.0 +0.3
AKASG	comp=Z,9.0nm,0.5s	Main Array B	75.47 342 P	P	23 55 21.6 -0.9
AKASG	comp=Z,377nm,20.0s	Main Array B	75.47 342 P	P	23 55 21.6 -0.9
AKASG	comp=Z,8.5nm,0.5s,mb4.9,baz=17,slow=5.9,SNR=37	Main Array Si	75.47 342 eP	P	00 32 10.3
AKKB	comp=Z,377nm,20.0s,MS4.7,baz=25,slow=38	Kiev	75.48 342 eP	P	23 55 21.1 -1.3
KIEV	comp=Z,15nm,0.6s,mb5.1			LR	LR
KIEV	comp=Z,588nm,20.0s,MS4.9	Kiev	75.48 342 eP	P	23 55 21.8 -0.7
KIEV	comp=Z,15nm,0.6s,mb5.1			MLR	MLR
SOR	comp=Z,588nm,20.0s,MS4.9	Soroa	75.86 71 eP	P	23 55 22.7 -2.4
KBL	comp=Z,34nm,1.4s,mb5.1	Kabul	75.86 308 eP	P	23 55 24.1 -0.9
ALBI	comp=Z,34nm,1.4s,mb5.1	Allahabad	76.25 293 eP	P	23 55 25.5 -1.9
BHGR	comp=Z,26nm,1.2s,mb5.0	Bahadurgarh	76.37 299 eP	P	23 55 28.4 +0.4
RTK	comp=Z,26nm,1.2s,mb5.0	Rohtak	76.39 299 eP	P	23 55 27.5 -0.6
IBBN	comp=Z,83nm,1.1s,mb5.6	Ibbenburg	76.43 356 eP	P	23 55 29.1 +1.2
SONA	comp=Z,34nm,1.4s,mb5.1	Sohna	76.63 299 eP	P	23 55 29.0 -0.4
KAKA	comp=Z,39nm,0.9s,mb5.3	Kakadu	76.71 229 eP	P	23 55 28.5 -1.4
CLZ	comp=Z,45nm,0.9s,mb5.4	Clausthal	76.75 354 eP	P	23 55 30.1 +0.3
CLZ	comp=Z,45nm,0.9s,mb5.4	Clausthal	76.75 354 eP	P	23 55 30.1 +0.3
AGRA	comp=Z,69nm,0.5s,mb5.8	Agra	76.95 297 eP	P	23 55 31.6 +0.3
KUDL	comp=Z,81nm,1.2s,mb5.5	Kundal	77.04 299 eP	P	23 55 31.1 -0.6
COLL	comp=Z,26nm,1.2s,mb5.0	Colim	77.10 353 i/P	P	23 55 31.4 -0.3
COLL	comp=Z,400nm,21.5s,MS4.7	Colim	77.10 353 i/P	P	23 55 31.9 +0.4
COLL	comp=Z,26nm,1.2s,mb5.0			i/P	P
COLL	comp=Z,400nm,21.5s,MS4.7			i/P	P
COLL	comp=Z,26nm,1.2s,mb5.0			i/P	P
COLL	comp=Z,400nm,21.5s,MS4.7			i/P	

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ROTZ, GIVF, VRAC, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like FUR, BFO, DRGR, RAO, ROSF, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SMF, MFF, BGF, JAVS, etc.

BRTR	comp-Z,24nm,0.8s,mb5.4	84.89 336 P	P	23 56 13.4	0.0
BRTR	comp-Z,28nm,0.9s,mb5.4,baz=45,slow=3.6,SNR=83		LR	00 39 13.7	
PVY	comp-Z,199nm,19.2s,MS4.5,baz=317,slow=39	84.90 346 P	P	23 56 11.9	-1.5
STON	Ston	84.94 348 P	P	23 56 12.5	-1.1
ANTO	Ankara	84.97 336 P	P	23 56 14.1	+0.3
ANTO	comp-Z,545nm,21.0s,MS4.9		LR		
REV	Revere	85.00 356 P	P	23 56 13.8	-0.1
CALN	Calern	85.01 356 P	P	23 56 13.6	-0.3
PRAF	Pradon	85.02 357 P	P	23 56 14.1	+0.1
SNIG	Esanatolia	85.09 352 P	P	23 56 14.7	+0.3
MURB	Monte Urbino	85.12 352 P	P	23 56 15.0	+0.5
TTG	Podgorica	85.17 347 P	P	23 56 12.1	-2.7
TAVF	Tavernes	85.18 357 P	P	23 56 14.5	-0.3
FRF	La Foret Royal	85.21 356 P	P	23 56 14.5	-0.5
FRF	comp-Z,81nm,1.0s,mb5.5				
FRF	La Foret Royal	85.21 356 P	P	23 56 14.5	-0.5
FRF	comp-Z,40nm,1.0s,mb5.5				
FRF	La Foret Royal	85.21 356 P	P	23 56 14.5	-0.5
HCY	Herceg Novi	85.26 347 P	P	23 56 14.0	-1.2
EPON	Pontenova	85.26 6 P	P	23 56 15.0	-0.3
MMB	Musomiste	85.27 343 P	P	23 56 16.0	+0.7
ASS	Assisi	85.31 352 P	P	23 56 16.1	+0.6
ASS	comp-Z,4.6nm,0.6s,mb4.8				
ASS	Assisi	85.31 352 P	P	23 56 16.1	+0.6
BUM	Brajici-Budva	85.34 347 P	P	23 56 13.1	-2.6
EARI	Arriados	85.40 5 P	P	23 56 15.9	0.0
GELF	Grande-Etoile	85.43 357 P	P	23 56 14.7	-1.4
LMR	La Moure	85.44 356 P	P	23 56 15.9	-0.2
LMR	comp-Z,61nm,1.1s,mb5.6				
LMR	La Moure	85.44 356 P	P	23 56 15.9	-0.2
LMR	comp-Z,55nm,1.1s,mb5.6				
LMR	La Moure	85.44 356 P	P	23 56 15.9	-0.2
NRCA	Norcia	85.50 351 P	P	23 56 16.7	+0.3
MTLF	Montoliu	85.53 359 P	P	23 56 16.4	-0.2
MTLF	comp-Z,65nm,1.1s,mb5.5				
MTLF	Montoliu	85.53 359 P	P	23 56 16.4	-0.2
MTLF	comp-Z,33nm,1.1s,mb5.5				
ELAN	Lanestosa	85.55 4 P	P	23 56 16.4	-0.3
SDDR	Presas de Saban	85.62 65 P	P	23 56 16.8	-0.7
SDDR	comp-Z,12nm,0.7s,mb5.2				
ULC	Ulcinj	85.63 347 P	P	23 56 16.0	-1.1
ASAR	Alice Springs	85.66 223 P	P	23 56 16.3	-1.0
ASAR	comp-Z,11nm,0.8s				
ASAR	Alice Springs	85.66 223 P	P	23 56 16.2	-1.0
ARMA	Armidale	85.67 205 P	P	23 56 17.3	+0.2
SJPF	Ste Jean	85.74 2 P	P	23 56 16.8	-0.8
SJPF	comp-Z,72nm,1.3s,mb5.5				
SJPF	Ste Jean	85.74 2 P	P	23 56 16.8	-0.8
SJPF	comp-Z,36nm,1.3s,mb5.4				
SJPF	Ste Jean	85.74 2 P	P	23 56 16.8	-0.8
EPF	Esparras	85.84 1 P	P	23 56 17.0	-1.1
EPF	comp-Z,57nm,1.3s,mb5.0				
EPF	Esparras	85.84 1 P	P	23 56 17.0	-1.1
EPF	comp-Z,29nm,1.3s,mb5.3				
EPF	Esparras	85.84 1 P	P	23 56 17.0	-1.1
EPF	comp-Z,29nm,1.3s,mb5.3				
AQU	L'Aquila	85.94 351 P	P	23 56 18.7	+0.1
ETSF	Etsaut	85.97 1 P	P	23 56 18.9	+0.2
ETSF	comp-Z,58nm,1.0s,mb5.4				
ETSF	Etsaut	85.97 1 P	P	23 56 18.9	+0.2
ETSF	comp-Z,29nm,1.0s,mb5.4				
ETSF	Etsaut	85.97 1 P	P	23 56 18.9	+0.2
PGF	Pioggiola	86.10 354 P	P	23 56 19.0	-0.4
PGF	comp-Z,22nm,1.1s,mb5.0				
PGF	Pioggiola	86.10 354 P	P	23 56 19.0	-0.4
PGF	comp-Z,110nm,1.1s,mb5.0				
PGF	Pioggiola	86.10 354 P	P	23 56 19.0	-0.4
POO	Poona	86.11 295 P	P	23 56 19.5	-0.3
EBIE	Bliesa	86.19 1 P	P	23 56 20.3	+0.4
INTR	Introdacqua	86.23 351 P	P	23 56 18.6	-1.5
PTQR	Pietragarzia	86.27 351 P	P	23 56 20.3	0.0
FG2	Serracapriola	86.30 350 P	P	23 56 20.8	+0.4
FGMS	Monte Sant'Ang	86.31 349 P	P	23 56 20.2	-0.2
RGNG	Rignano Grg	86.38 349 P	P	23 56 20.3	-0.5
KAD	Karad	86.39 294 P	P	23 56 23.0	+0.7
FG4	Candela	86.93 349 P	P	23 56 23.2	-0.3
FG4	comp-Z,130nm,1.0s,mb6.1				
FG4	Candela	86.93 349 P	P	23 56 23.2	-0.3
RFI	Roccamonfina	86.93 351 P	P	23 56 23.7	+0.2
ESAC	San Caprasio	87.14 1 P	P	23 56 24.5	0.0
CSSN	Cassano Irpino	87.25 350 P	P	23 56 24.3	-0.8
MVO	Moncorvo	87.42 6 P	P	23 56 25.0	-0.9
EPOB	Poblet	87.53 0 P	P	23 56 26.1	-0.3
PVIS	Viseu	87.81 7 P	P	23 56 27.1	-0.6
ETOR	Torete	88.01 3 P	P	23 56 28.3	-0.4
ETOR	comp-Z,1.7nm,0.3s,mb4.8				
ETOR	Torete	88.01 3 P	P	23 56 28.3	-0.4
GUD	Guadarrama	88.11 4 P	P	23 56 29.0	-0.1
GUD	comp-Z,14nm,0.8s,mb5.2				
GUD	Guadarrama	88.11 4 P	P	23 56 29.0	-0.2
MTE	Manteigas	88.14 7 P	P	23 56 30.8	+1.5
TDS	Terranova Siba	88.28 349 P	P	23 56 30.1	+0.1
TDS	comp-Z,19nm,0.9s,mb5.4				
TDS	Terranova Siba	88.28 349 P	P	23 56 30.1	+0.1
TDS	comp-Z,79nm,0.9s,mb5.9				
PCBR	Castelo Branco	88.71 7 P	P	23 56 31.3	-0.7
ESDC	Sonsecas Array	89.08 4 P	P	23 56 32.7	-1.1
ESDC	comp-Z,16nm,0.6s,mb5.7				
ESDC	Sonsecas Array	89.08 4 P	P	23 56 32.8	-0.9
GRI	Girifalco	89.10 348 P	P	23 56 33.3	-0.6
SJG	San Juan	89.19 62 P	P	23 56 34.1	-0.5
SJG	comp-Z,74nm,1.4s,ms5.8		LR		
SJG	San Juan	89.19 62 P	P	23 56 34.1	-0.5
SJG	comp-Z,74nm,1.4s		MLR		
SJG	comp-Z,476nm,19.0s		MLR		
ECHE	Chera	89.26 2 P	P	23 56 34.1	-0.5
ECHE	comp-Z,4.9nm,0.6s,mb5.0				
ECHE	Chera	89.26 2 P	P	23 56 34.1	-0.5
CPZ	Cerro la Pandu	89.38 61 P	P	23 56 35.4	-0.1
URD	Urewera	89.47 183 P	P	00 31 17.2	
URD	comp-Z,342nm,18.2s,MS4.7,baz=233,slow=32				

MIB	Mutribah	89.53 321 P	P	23 56 34.5	-1.5
MIB	comp-Z,71nm,0.8s,mb6.0				
MTP	Monte Pirata	89.53 61 P	P	23 56 35.8	-0.5
MTP	comp-Z,21nm,0.9s,mb5.2				
NAY	Al-Naaeim	90.06 321 P	P	23 56 42.7	-1.5
NAY	comp-Z,22nm,1.0s,mb5.4				
STKA	Stevens Creek	90.09 213 P	P	23 56 37.7	-0.6
STKA	comp-Z,21nm,0.9s,mb5.2				
STKA	Stevens Creek	90.09 213 P	P	23 56 37.9	-0.4
STKA	comp-Z,24nm,0.8s,mb5.6,baz=359,slow=6.5,SNR=30				
EVIA	comp-Z,499nm,20.4s,MS4.9,baz=22,slow=33				
EVIA	Vianos	90.17 3 P	P	23 56 39.1	+0.2
EVIA	comp-Z,9.0nm,0.8s,mb5.2				
MBWA	Marble Bar	90.18 235 P	P	23 56 50.0	+1.1
MBWA	comp-Z,155nm,19.0s,MS4.5				
ETOB	Tobarra	90.19 2 P	P	23 56 39.1	+0.1
RDF	Al-Radifiah	90.23 321 P	P	23 56 38.2	-1.1
RDF	comp-Z,19nm,0.9s,mb5.4				
PBAR	Barrancos	90.39 7 P	P	23 56 38.9	-1.0
PBEJ	Beja	90.48 7 P	P	23 56 39.8	-0.5
EADA	Adamuz	90.55 5 P	P	23 56 40.2	-0.5
EBAN	Banos Encina	90.59 4 P	P	23 56 40.5	-0.3
EBAN	comp-Z,7.1nm,0.7s,mb5.1				
EBAN	Banos Encina	90.59 4 P	P	23 56 40.5	-0.4
EBAN	comp-Z,7.0nm,0.7s,mb5.1				
EMIN	Mina Concepcio	90.83 6 P	P	23 56 41.3	-0.6
PALK	Pallekele	90.97 283 P	P	23 56 50.0	+7.0
EQES	Quesada	90.98 4 P	P	23 56 43.8	+1.1
EMUR	La Murta	91.00 2 P	P	23 56 41.2	-1.5
PVAO	Vaqueiros	91.11 7 P	P	23 56 42.6	-0.7
ESPR	Espera	91.77 6 P	P	23 56 45.6	-0.8
EMJ	Mijas	92.14 5 P	P	23 56 48.3	+0.2
SNZO	South Karori	92.62 185 P	P	23 57 00.0	+1.0
SNZO	comp-Z,576nm,22.0s,MS5.0				
KEST	Kesra	92.86 354 P	P	23 56 50.9	-0.5
SDV	Santo Domingo	94.06 70 P	P	23 56 56.8	-0.4
SDV	comp-Z,8.5nm,0.8s,mb5.2				
ROSC	El Rosal	95.05 76 P	P	00 44 00.4	
ROSC	comp-Z,140nm,19.1s,MS4.5,baz=183,slow=38				
RAPE	Rata Peaks	95.26 188 P	P	00 36 33.9	
RAPE	comp-Z,652nm,19.6s,MS5.0,baz=287,slow=33				
OTAV	Otalavo	96.14 82 P	P	23 57 06.8	+0.1
OTAV	comp-Z,2.7nm,0.9s,mb4.7				
NNA	Nana	106.61 88 P	P	00 02 20.0	+1.6
NNA	comp-Z,185nm,20.0s,MS4.6				
LPAZ	La Paz	115.31 84 P	P	00 02 30.0	+1.0
LPAZ	comp-Z,155nm,20.0s,MS4.6				
TOAO	Torodi Ar. Sit	115.62 360 P	P	00 02 19.6	-1.5
TORD	Torodi Ar. Bea	115.62 360 P	P	00 02 19.9	-1.2
TORD	comp-Z,4.2nm,0.8s,baz=356,slow=2.3,SNR=41				
TORD	Torodi Ar. Bea	115.62 360 P	P	00 02 19.9	-1.2
TORD	comp-Z,2.9nm,0.9s,baz=174,slow=3.2,SNR=8.3				
KMBO	Kilima Mbojo	121.45 317 P	P	00 02 32.2	-0.1
KMBO	comp-Z,373nm,20.0s,MS5.0				
KMBO	Kilima Mbojo	121.45 317 P	P	00 02 32.2	-0.1
KMBO	comp-Z,5.0nm,1.0s				
TIC	Toumoudi	121.82 8 P	P	00 02 31.6	-1.4
KIC	Koson Boko	122.13 7 P	P	00 02 32.2	-1.4
LIC	Lamto	122.24 8 P	P	00 02 32.4	-1.4
LIC	comp-Z,498nm,20.8s,MS4.8				
LIC	Lamto	122.24 8 P	P	00 02 32.4	-1.4
LIC	comp-Z,65nm,0.7s				
LIC	Lamto	122.24 8 P	P	00 02 32.4	-1.4
LSZ	Lusaka	137.98 319 P	P	00 03 20.0	+1.7
LSZ	comp-Z,220nm,20.8s,MS4.8				
TSMU	Tsumeb	145.33 332 P	P	00 03 30.0	+1.4
TSMU	comp-Z,347nm,19.0s,MS5.2				
MAW	Mawson	146.65 218 P	P	00 03 17.4	-1.5
MAW	comp-Z,2.2nm,22.0s,MS5.9				
MAW	Mawson	146.65 218 P	P	00 03 17.4	-2.7
MAW	comp-Z,30nm,0.9s				
MAW	Mawson	146.65 218 P	P	00 03 17.4	-1.5
LBTB	Lobates	147.72 316 P	P	00 03 23.4	+0.2
LBTB	comp-Z,30nm,0.9s,baz=42,slow=2.7,SNR=13				
BOSA	Boshof	150.98 313 P	P	00 03 24.0	-0.6
BOSA	comp-Z,29nm,0.8s,mb5.2				
BOSA	Boshof	150.98 313 P	P	00 03 31.2	0.0
BOSA	comp-Z,30nm,0.8s				
BOSA	Boshof	150.98 313 P	P	00 03 31.2	0.0
SYO	Syowa Base	154.84 212 P	P	00 03 28.8	-1.0
SYO	comp-Z,30nm,0.8s,baz=40,slow=2.3,SNR=44				
SYO	Syowa Base	154.84 212 P	P	00 03 51.0	+2.3
HOPE	Hope Point	157.16 112 P	P	00 03 40.0	+6.7
HOPE	comp-Z,34nm,19.0s,MS4.2				
SNAA	Sanae	159.67 176 P	P	00 04 11.9	-2.7
SNAA	comp-Z,1.4nm,0.9s,baz=233,slow=1.3,SNR=3.5				

UPC	Upeice	0.97 185 P	Pg	00 01 49.0	+0.4
UPC	Upeice	0.97 185 P	Pg	00 01 49.0	+0.4
UPC	Upeice	0.97 185 P	Pg	00 01 49.0	+0.4
DPC	Dobruska-Polom	1.13 174 P	Pg	00 01 51.8	+0.1
DPC	comp-Z,1.7nm,0.3s,mb4.8				
DPC	Dobruska-Polom	1.13 174 P	Pg	00 02 06.1	-0.2
DPC	comp-Z,46nm,0.3s				
DPC	Dobruska-Polom	1.13 174 P	Pg	00 01 51.8	+0.1
DPC	comp-Z,1.7nm,0.3s,mb4.8				
DPC	Dobruska-Polom	1.13 174 P	Pg	00 02 06.1	-0.2
PV					





25d 1h

2007 FEB

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like M11A, N08A, BEKA, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like G09A, F11A, G08A, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like OTAV, ROSC, SDV, etc.

IDC 25 01:19:39.71.2, 3911N:7334E, h0km, mb3.6/7, mb1.3/7.10, mb1mx3.5/24, mbtmp3.5/10, ML3.1/3, Error ellipse: s-maj=25.2km s-min=19.7km sz=177.0



MOS 25 01:19:43.5±1.2, 3923N-7328E, h33km, mb4.7/3, Error ellipse: s-maj=22.2km s-min=11.6km az=83.4  
 BUJ 25 01:19:43.1, 3927N-7329E, h26km, mb3.5, ML3.2  
 NNC 25 01:19:45.0±3.3, 3938N-7337E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=27.5km s-min=14.9km az=178.0  
 ISCJB 25 01:19:47.0±0.7, 3928N-0047.7336E-006, h68km, gkm, mb3.5/8, Error ellipse: s-maj=7.5km s-min=6.4km az=20.9  
 NEIC 25 01:19:46.1±0.6, 3928N-7329E, h35km, mb4.0/1, Error ellipse: s-maj=16.4km s-min=10.0km az=128.0  
 ISC 25 01:19:47.0±0.6, 3923N-005.7335E-007, h60km, gkm, n41, ±108/50, mb3.5/8, 3C-3D, Tajikistan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KSH	Kashi	2.06	81	PG	S	01 20 19.3	-0.6
KSH	KSH			SG	S	01 20 45.6	+1.2
KSH	comp=N,664nm,0.4s			Smax			
AML	Almayashu	2.91	5	P	Pn	01 20 30.6	-0.9
AML	Almayashu	2.91	5	ePn	Pn	01 20 30.4	-1.2
AML	Almayashu	2.91	5	eSn	Pn	01 21 06.9	+1.6
UCH	Uchtor	3.12	16	P	Pn	01 20 34.3	-0.2
UCH	Uchtor	3.12	16	ePn	Pn	01 20 34.4	-0.1
UCH	Uchtor	3.12	16	eSn	Pn	01 21 11.3	+0.8
KZA	Kyzart	3.19	26	P	Pn	01 20 35.3	-0.1
EKS2	Erkin-Say	3.44	5	P	Pn	01 20 38.6	-0.2
EKS2	Erkin-Say	3.44	5	ePn	Pn	01 20 38.2	-0.6
EKS2	Erkin-Say	3.44	5	eSn	Pn	01 21 18.9	+0.5
AAK	Ala-Archa	3.51	14	P	Pn	01 20 40.1	+0.4
AAK	Ala-Archa	3.51	14	ePn	Pn	01 20 38.7	-1.0
AAK	Ala-Archa	3.51	14	eSn	Pn	01 21 19.2	-0.7
AAK	Ala-Archa	3.51	14	ePn	Pn	01 20 38.7	-1.0
AAK	Ala-Archa	3.51	14	eSn	Pn	01 21 19.2	-0.7
AAK	Ala-Archa	3.51	14	ePn	Pn	01 20 41.9	+0.5
ULHL	Ulalo	3.73	35	P	Pn	01 20 48.0	+5.3
CHMS	Chumysh	3.91	15	P	Pn	01 20 44.8	-0.4
TKM2	Tokmak 2	4.06	24	P	Pn	01 20 47.3	+0.1
TKM2	Tokmak 2	4.06	24	↑Pn	Pn	01 20 46.7	-0.6
TKM2	Tokmak 2	4.06	24	ePn	Pn	01 20 45.8	-1.5
TKM2	Tokmak 2	4.06	24	eSn	Pn	01 21 34.6	+1.1
TKM2	Tokmak 2	4.06	24	ePn	Pn	01 20 45.8	-1.5
TKM2	Tokmak 2	4.06	24	eSn	Pn	01 21 34.6	+1.1
USP	Ospenovka	4.12	12	P	Pn	01 20 47.9	-0.3
KK31	Karagaybulak	4.42	33	Pn	Pn	01 20 52.1	-0.1
KK31	Karagaybulak	4.42	33	Pg	Pn	01 21 01.9	+1.0
KK31	Karagaybulak	4.42	33	ePn	Pn	01 21 44.5	+2.2
KK31	Karagaybulak	4.42	33	eSn	Pn	01 22 01.0	+0.1
KNDC	Almaty	4.83	33	↑Pg	Pn	01 21 12.3	+1.5
KNDC	Almaty	4.83	33	↑Lg	Pn	01 22 12.4	
KBL	Kabul	5.82	218	Pn	Pn	01 21 12.5	+1.1
KBL	Kabul	5.82	218	eSn	Pn	01 22 21.4	+0.7
MKAR	Makanchi Array	9.99	38	Pn	Pn	01 22 07.6	-0.9
MKAR	Makanchi Array	9.99	38	Pn	Pn	01 22 07.6	-0.9
AB31	Akbulak Array	13.86	321	↑P	Pn	01 22 58.4	-2.6
AKTO	Aktyubinsk	15.58	321	P	Pn	01 23 19.9	-3.5
AKTO	Aktyubinsk	15.58	321	Pn	Pn	01 23 19.9	-3.4
AKTO	Aktyubinsk	15.58	321	Pn	Pn	01 23 19.9	-3.5
ZAL	Zalesovo Beam	16.66	24	Pn	Pn	01 23 34.2	-2.6
ZALV	Zalesovo Beam	16.66	24	Pn	Pn	01 23 34.2	-2.8
ZALV	Zalesovo Beam	16.66	24	Pn	Pn	01 23 34.2	-2.8
GTA	Gaotai	20.16	81	eP	P	01 24 20.8	+0.6
GTA	Gaotai	20.16	81	AMB	AMB		
KIV	Kislovodsk	23.34	292	P	Pn	01 24 51.0	+0.5
KIV	Kislovodsk	23.34	292	P	Pn	01 24 51.0	+0.4
KIV	Kislovodsk	23.34	292	Pmax	Pmax		
SONM	Songino Array	25.30	59	P	Pn	01 25 08.9	+0.5
FINES	FINES Array B	36.33	323	P	Pn	01 26 45.1	-0.2
FINES	FINES Array B	36.33	323	P	Pn	01 27 11.2	+0.4
ARCES	ARCES Array B	39.38	336	P	Pn	01 27 44.2	+0.6
NOA	NORSAR Array B	43.37	321	P	Pn	01 27 44.2	+0.6
TORD	Torodi Ar. Bea	67.63	269	P	Pn	01 30 38.9	+0.4
YKA	Yellowknife Ar	78.42	4	P	Pn	01 31 41.9	+0.5
WRA	Warramunga Ar	81.91	124	P	Pn	01 32 01.0	+0.2

ISC 25 01:29:53.6±6.7, 3613N-71.12E, h89km, mb3km, mb3.6/8, mb1.3/7/10, mb1mx3.4/23, mb3mp3.6/10, ML3.8/2, MS4.4/1, Ms1.4/5.1, ms1mx3.0/40, Error ellipse: s-maj=27.4km s-min=23.2km az=164.9

MOS 25 01:30:00.0±1.9, 3630N-71.19E, h177km, mb4.0/1, Error ellipse: s-maj=28.8km s-min=13.5km az=87.8  
 ISCJB 25 01:30:04.0±0.4, 3670N-003.7125E-006, h193km, gkm, mb3.6/8, Error ellipse: s-maj=8.3km s-min=5.4km az=164.9

NEIC 25 01:30:05.3±0.9, 3662N-71.39E, h192km, 10km, mb3.9/2, Error ellipse: s-maj=15.6km s-min=11.0km az=118.0  
 NNC 25 01:30:12.7±3.3, 3736N-71.32E, h234km, 40km, mb2.5, mpv3.4, Error ellipse: s-maj=48.0km s-min=19.6km az=41.0

ISC 25 01:30:05.4±0.4, 3668N-004.7128E-006, h187km, gkm, n43, ±98/45, mb3.7/8, 2C-4D, Afghanistan-Tajikistan border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KBL	Kabul	2.81	221	ePn	Pn	01 30 53.1	+1.0
KBL	Kabul	2.81	221	eSn	Pn	01 31 28.1	-0.4
CEP	Cherati	2.90	170	↑P	Pn	01 31 04.0	+1.4
CHCP	Chirah Chowk	3.43	151	P	Pn	01 31 06.4	-0.9
THW	Thamme Wali	3.39	174	↑P	Pn	01 31 11.6	-0.1
SBDP	Sheikh Budin	4.90	185	P	Pn	01 31 11.6	-0.1
SRD	Derazinda	5.01	191	S	Pn	01 31 20.4	+0.8
THN	Thein Dam	5.06	198	eP	Pn	01 31 26.7	-0.6
AMN	Almayashu	5.75	18	Pn	Pn	01 31 28.8	-0.4
UCH	Uchtor	6.07	23	P	Pn	01 31 33.1	-0.3
EKS2	Erkin-Say	6.27	17	P	Pn	01 31 36.0	+0.1
AAK	Ala-Archa	6.44	22	P	Pn	01 31 37.7	-0.4
KK31	Karagaybulak	6.44	355	↑P	Pn	01 31 37.3	-0.7
KK31	Karagaybulak	6.11m, 0.3s, baz=173, slow=12, SNR=188		↑SS	Pn	01 32 45.8	-5.5
USP	Ospenovka	7.02	20	P	Pn	01 31 41.5	-4.2
TKM2	Tokmak 2	7.06	27	P	Pn	01 31 46.7	+0.6
TKM2	Tokmak 2	7.06	27	↑Pn	Pn	01 31 46.4	-0.2
TKM2	Tokmak 2	7.06	27	ePn	Pn	01 31 45.5	-0.7
TKM2	Tokmak 2	7.06	27	ePn	Pn	01 31 45.5	-0.7
TKM2	Tokmak 2	7.06	27	Pmax	Pmax		
MKAR	Makanchi Array	13.01	36	P	Pn	01 33 03.5	+0.2
MKAR	Makanchi Array	13.01	36	P	Pn	01 33 03.5	+0.2

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
GKN	Gorkha	14.21	124	eP	Pn	01 33 17.4	-1.1
KKN	Kakani	14.78	123	eP	Pn	01 33 24.9	-0.6
AB31	Akbulak Array	15.04	330	P	Pn	01 33 27.5	-0.9
AB31	Akbulak Array	15.04	330	↑S	Pn	01 36 07.3	-8.2
JIRN	Jiri	15.48	121	eP	Pn	01 33 34.2	+0.1
TAPN	Taplejung	16.73	119	eP	Pn	01 33 51.2	+2.0
AKTK	Aktyubinsk	16.74	329	P	Pn	01 33 48.7	-0.2
AKTK	Aktyubinsk	16.74	329	S	Pn	01 36 53.3	+0.2
AKTK	Aktyubinsk	16.74	329	P	Pn	01 33 48.7	-0.2
AKTO	Aktyubinsk	16.74	329	P	Pn	01 36 53.3	+0.2
ODAN	Odare	16.82	121	eP	Pn	01 33 51.5	+1.3
ZAL	Zalesovo Beam	16.66	24	P	Pn	01 34 19.7	+0.2
ZALV	Zalesovo Beam	16.66	24	P	Pn	01 34 19.7	+0.0
ARU	Arti	21.54	341	P	Pn	01 34 39.7	+0.1
ARU	Arti	21.54	341	P	Pn	01 34 39.7	+0.1
ARU	Arti	21.54	341	Pmax	Pmax		
FINES	FINES Array B	37.46	326	P	Pn	01 37 01.4	+1.0
FINES	FINES Array B	37.46	326	P	Pn	01 37 01.4	+1.0
ARCES	ARCES Array B	41.06	337	P	Pn	01 37 31.3	+1.2
NOA	NORSAR Array B	44.37	323	P	Pn	01 37 51.7	+0.3
KMBO	Kilima Mbogo	48.12	228	P	Pn	01 38 28.2	-6.1
KMBO	Kilima Mbogo	48.12	228	P	Pn	01 38 28.2	-6.1
ESDC	Sonsec Array	57.57	298	LR	LR	02 08 25.1	
TORD	Torodi Ar. Bea	65.95	269	P	Pn	01 40 30.3	-1.5
TORD	Torodi Ar. Bea	65.95	269	P	Pn	01 40 30.3	-1.5
ASAR	Alice Springs	84.17	125	P	Pn	01 42 13.8	-1.9
STKA	Stephens Creek	94.71	127	P	Pn	01 43 05.2	-0.1
STKA	Stephens Creek	94.71	127	P	Pn	01 43 05.2	-0.1

MOS 25 01:32:45.3±1.4, 4725N-149.30E, h46km, mb4.1/2, Error ellipse: s-maj=19.9km s-min=13.4km az=83.7  
 ISCJB 25 01:32:51.9±0.8, 4600N-01.1494E-01, h159km, gkm, mb4.0/31, Error ellipse: s-maj=18.0km s-min=10.8km az=155.1

JMA 25 01:32:55.0±0.4, 4526N-149.53E, h141km, M3.3  
 IDC 25 01:32:55.9±2.7, 4609N-149.27E, h178km, 25km, mb3.5/19, mb1.3/6/21, mb1mx3.6/26, mbtmp3.5/21, Error ellipse: s-maj=18.4km s-min=12.2km az=167.0

NEIC 25 01:32:58.1±0.6, 4613N-149.29E, h200km, mb4.6/1, Error ellipse: s-maj=19.0km s-min=10.6km az=169.0  
 ISC 25 01:32:52.6±0.9, 461N-01.1494E-01, h147km, gkm, n62, ±113/66, mb4.0/31, 1D, Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KUR	Kuril'sk	1.36	232	ePn	Pn	01 33 20.5	0.0
KUR	Kuril'sk	1.36	232	Pmax	Pmax		
NEM2	Nemuro 2	7.36	225	P	Pn	01 33 47.6	-2.0
NEM2	Nemuro 2	7.36	225	eS	Pn	01 34 27.3	-6.5
JTKR	Abashiri-Toko	4.42	244	P	Pn	01 33 59.3	+1.0
JAK	Akeshi	4.56	229	P	Pn	01 35 58.1	-1.9
YSS	Yuzh-Sakhalins	4.67	283	↑Pn	Pn	01 34 04.9	+3.5
JAR	Ashorobets	4.88	237	P	Pn	01 34 05.1	+0.8
JOB	Onbets	5.09	233	P	Pn	01 34 06.8	-0.2
JOB	Onbets	5.09	233	eS	Pn	01 35 01.0	-4.1
ASAJ	Asahikawa	5.20	250	Pn	Pn	01 34 11.2	+2.7
ASAJ	Asahikawa	5.20	250	Pn	Pn	01 34 10.8	+2.3
ASAJ	Asahikawa	5.20	250	P			

s-min=2.9km az=8.9  
 BUJ 25 01:49:38.1, 3325N;9070E, h15km, mb5.3, mb4.8, Ms5.4, Ms2.2  
 MOS 25 01:49:39.1±1.1, 3316N;9062E, h33km, mb5.2/8/2, Ms4.9/30, Error ellipse: s-maj=7.1km s-min=3.5km az=128.2  
 GCMT 25 01:49:41.5±0.2, 3310N;9063E, h20km, MW5.4/81, Moment Tensor Solution. s45,c65; s81,c169; Duration: 1/2 Moment tensor: Scale 10<sup>17</sup>Nm; M<sub>1</sub>-0.52±.04; M<sub>2</sub>-0.55±.02; M<sub>3</sub>-1.07±.03; M<sub>4</sub>-0.28±.05; M<sub>5</sub>-0.93±.02; M<sub>6</sub>-0.27±.05; Best double couple: M<sub>1</sub>1.34300;1017 N<sub>1</sub>186.00000;0.867.00000; λ-19.00000; NP2: e<sub>1</sub>164.00000; δ73.00000; λ-156.00000; Principal axes: T 1.5010, Plg4.0000; Azm294.0000; N -0.3150, Plg60.0000; Azm197.0000; P -1.1860, Plg29.0000; Azm26.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.  
 NEIC 25 01:49:41.5±0.2, 3319N;9066E, h35km, mb5.0/105, MS5.0/11 Error ellipse: s-maj=7.1km s-min=4.5km az=215.0  
 SZGRF 25 01:49:45.8, 3368N;9011E, h33km, mb5.2, MS5.1, Qinghai, China

ISC 25 01:49:41.5±0.8, 3315N;002.9061E±.002, h34km, 5km, h31km, 3.2km; P-P, n511, e121/533, mb5.0/182, MS4.9/58, 31C-23D, Qinghai

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
LSA	Lhasa	3.47	172	Op	ISC	01 50 36.8	+3.7
LSA	Lhasa			SG	Pn	01 51 27.1	+14
LSA	comp=N,22μm,6.9s			LR	LR		
LSA	comp=E,82μm,6.9s			LR	LR		
LSA	comp=Z,47μm,6.9s			LR	LR		
GTK	Gangtok	6.05	197	ex	x	01 51 30.0	
TAPN	Taplejung	6.30	204	ex	Pn	01 51 11.6	-0.4
JIRN	Jiri	6.67	216	eP	Pn	01 51 16.7	-0.4
SLGI	Shiliguri	6.71	197	ex	x	01 51 44.8	
ODAN	Odare	6.87	205	eP	Pn	01 51 18.5	-1.2
KKN	Kakani	7.05	222	eP	Pn	01 51 21.0	-1.3
GKN	Gorkha	7.27	227	eP	Pn	01 51 23.9	-1.4
SHL	Shillong	7.64	171	eP	Pn	01 51 32.0	+1.6
SHI	Shillong			ex	x	01 52 00.0	
IMP	Imphal	8.83	160	eP	Pn	01 51 49.0	+2.3
AGT	Agartala	9.25	176	iP	x	01 53 11.0	
GTA	Gaotai	9.70	47	iP	Pn	01 51 59.3	+0.7
GTA	Gaotai			AP	x	01 52 06.4	
GTA	Gaotai			XP	S	01 52 11.3	
GTA	Gaotai			S	Sn	01 53 47.0	+0.7
GTA	Gaotai			XS	S	01 53 56.1	
GTA	Gaotai			LG2	W	01 54 46.9	
GTA	Gaotai			AMB	AMB	01 55 05.5	
GTA	comp=Z,26nm,1.4s			AMB	AMB		
GTA	comp=Z,510nm,5.3s			AMB	AMB		
GTA	comp=N,20μm,13.3s			LR	LR		
GTA	comp=E,11μm,14.4s			LR	LR		
GTA	comp=Z,9μm,11.0s			LR	LR		
BOK	Bokaro	10.21	205	iX	x	01 51 54.4	
BOK	Bokaro			x	x	01 59 16.4	
WMQ	Urumqi	10.89	349	iP	Pn	01 52 15.4	+0.5
WMQ	Urumqi			AP	P	01 52 22.1	
WMQ	Urumqi			PP	P	01 52 24.1	
WMQ	Urumqi			XP	S	01 52 27.3	
WMQ	Urumqi			S	Sn	01 54 16.3	+0.8
WMQ	Urumqi			XS	S	01 54 27.3	
WMQ	Urumqi			SS	S	01 54 30.0	
WMQ	comp=Z,23nm,1.0s			LR	LR		
WMQ	comp=N,5μm,19.2s			LR	LR		
WMQ	comp=E,20μm,20.2s			LR	LR		
WMQ	comp=Z,4μm,15.0s			LR	LR		
ALBI	Allahabad	10.96	227	eP	Pn	01 52 11.0	-4.9
LZH	Lanzhou	11.29	71	eP	Pn	01 52 20.8	+0.3
LZH	Lanzhou			PP	P	01 52 29.8	
LZH	Lanzhou			eS	Sn	01 54 25.3	+0.1
LZH	Lanzhou			XS	S	01 54 35.0	
LZH	Lanzhou			SS	S	01 54 42.0	
LZH	Lanzhou			AMB	AMB		
LZH	comp=Z,98nm,1.2s			AMB	AMB		
LZH	comp=Z,290nm,4.0s			AMB	AMB		
LZH	comp=N,16μm,9.8s			LR	LR		
LZH	comp=Z,12μm,10.3s			LR	LR		
LZH	comp=Z,15nm,1.0s			LR	LR		
LZH	Lanzhou	11.29	71	eP	Pn	01 52 16.1	-4.2
LZH	Lanzhou			pP	P	01 52 20.0	
LZH	Lanzhou			sP	P	01 52 22.4	
LZH	Lanzhou			pP	P	01 52 30.5	
LZH	Lanzhou			sP	P	01 52 35.5	
LZH	Lanzhou			eS	Sn	01 54 25.3	+0.1
LZH	Lanzhou			XS	S	01 54 35.0	
LZH	Lanzhou			SS	S	01 54 42.0	
LZH	Lanzhou			eP	Pn	01 52 16.1	-4.2
LZH	Lanzhou			eS	Sn	01 54 25.3	+0.1
LZH	Lanzhou			pmax	pmax		
CD2	Chengdu	11.38	98	iP	Pn	01 52 23.9	+2.3
CD2	Chengdu			AP	P	01 52 31.0	
CD2	Chengdu			XP	S	01 52 35.9	
CD2	Chengdu			S	Sn	01 54 30.1	+2.6
CD2	Chengdu			XS	S	01 54 42.4	
CD2	Chengdu			SS	S	01 54 45.9	
CD2	Chengdu			AMB	AMB		
CD2	comp=Z,20nm,1.1s			AMB	AMB		
CD2	comp=Z,220nm,4.2s			LR	LR		
CD2	comp=N,12μm,12.6s			LR	LR		
CD2	comp=E,9μm,7.8s			LR	LR		
CD2	comp=Z,10μm,8.4s			LR	LR		
NDI	New Delhi	12.33	252	eP	Pn	01 52 30.0	-4.7
THN	Thein Dam	12.56	271	eP	Pn	01 52 32.8	-4.9
KMI	Kunming	13.27	124	eP	Pn	01 52 46.5	-1.0
KMI	Kunming			AP	P	01 52 50.6	
KMI	Kunming			PP	P	01 52 55.8	
KMI	Kunming			AMB	AMB		
KMI	comp=Z,13nm,0.5s			AMB	AMB		
KMI	comp=Z,414nm,4.7s			AMB	AMB		
KMI	comp=N,12μm,12.2s			LR	LR		
KMI	comp=E,8μm,10.9s			LR	LR		
KMI	comp=Z,7μm,10.0s			LR	LR		
KMI	Kunming	13.27	124	P	Pn	01 52 46.5	-1.0
KMI	Kunming			pP	P	01 52 50.6	
KMI	Kunming			sP	P	01 52 52.3	
KMI	Kunming			PP	P	01 52 55.7	
KMI	Kunming			PPP	P	01 53 03.9	
KMI	Kunming			S	Sn	01 55 05.8	-8.0
KMI	Kunming			sS	S	01 55 12.6	
KMI	Kunming			SS	S	01 55 20.0	
KSH	Kashi	13.40	302	eP	Pn	01 52 50.3	+1.2
KSH	Kashi			eAP	P	01 52 58.1	
KSH	Kashi			eAP	P	01 53 02.1	
KSH	Kashi			eXP	P	01 53 03.1	
KSH	Kashi			ePPP	P	01 53 09.1	
KSH	Kashi			eS	Sn	01 55 17.0	+0.2

KSH	KSH	eXS	01 55 31.0				
KSH	KSH	eSS	01 55 36.5				
KSH	KSH	AMB	AMB				
KSH	comp=Z,2μm,5.2s	LR	LR				
KSH	comp=N,22μm,8.2s	LR	LR				
KSH	comp=E,24μm,7.4s	LR	LR				
KSH	comp=Z,16μm,7.8s	LR	LR				
JBP	Jabalpur	13.66	226	iP	Pn	01 52 51.8	-1.0
JBP	Jabalpur			ex	x	01 52 58.2	
JBP	comp=Z,85nm,1.2s	x	x				
CHCP	Chirah Chowk	14.51	277	iS	Pn	01 55 19.9	-3.5
ULHL	Ulahol	14.54	313	P	Pn	01 53 00.0	-4.3
ULHL	Ulahol			P	Pn	01 53 02.5	-2.2
AAA	Alma-Ata	14.73	317	iP	Pn	01 53 09.5	+2.2
AAA	Alma-Ata			eS	Sn	01 55 55.3	+6.1
AAA	Alma-Ata			pmax	pmax		
AAA	comp=Z,3μm,4.2s			smax	smax		
AAA	comp=E,1μm,7.1s			smax	smax		
AAA	comp=Z,8μm,15.4s			MLR	MLR		
MK31	Makanchi Array	15.03	337	P	Pn	01 53 10.1	-1.1
MK31	Makanchi Array			pmax	pmax		
MKAR	Makanchi Array	15.03	337	Pn	Pn	01 53 08.3	-2.9
MKAR	Makanchi Array	15.03	337	Pn	Pn	01 53 08.3	-2.9
KZA	Kyzart	15.07	311	P	Pn	01 53 12.4	+0.6
KZA	Kyzart			SNR=8.2			
XAN	Xi'an	15.29	82	P	Pn	01 53 12.1	-2.6
XAN	Xi'an			AP	pP	01 53 22.1	-5.9
XAN	Xi'an			S	Sn	01 56 10.8	+7.9
XAN	Xi'an			AMB	AMB		
XAN	comp=Z,7.0nm,1.1s			LR	LR		
XAN	comp=N,5μm,9.7s			LR	LR		
XAN	comp=E,6μm,8.5s			LR	LR		
XAN	comp=Z,6μm,9.1s			LR	LR		
TKM2	Tokmak 2	15.31	314	P	Pn	01 53 17.8	+2.8
AJM	Ajmer	15.37	249	eP	Pn	01 53 11.0	-4.8
GYA	Guiyang	15.44	111	iP	Pn	01 53 13.4	-3.3
GYA	Guiyang			AP	pP	01 53 22.8	-7.0
GYA	Guiyang			XP	sP	01 53 25.8	-8.3
GYA	Guiyang			PPP	S	01 53 39.4	
GYA	Guiyang			S	Sn	01 56 02.3	-4.4
GYA	Guiyang			AMB	AMB		
GYA	comp=Z,30nm,1.3s			AMB	AMB		
GYA	comp=Z,290nm,3.1s			LR	LR		
GYA	comp=N,5μm,7.0s			LR	LR		
GYA	comp=E,5μm,9.4s			LR	LR		
GYA	comp=Z,7μm,7.4s			LR	LR		
CHRT	Chiangrai	15.55	146	iP	Pn	01 53 20.0	+1.8
CHRT	Chiangrai			comp=Z,171nm,0.9s			
KBK	Karagaybulak	15.56	312	P	Pn	01 53 18.7	+0.4
KBK	Karagaybulak			SNR=28			
UCH	Uchtor	15.62	310	P	Pn	01 53 20.8	+1.8
UCH	Uchtor			SNR=17			
CEP	Cherat	15.62	278	P	Pn	01 53 14.5	-4.6
AAK	Ala-Archa	15.84	311	Pn	Pn	01 53 21.8	0.0
AAK	Ala-Archa			comp=Z,470nm,0.9s,SNR=17			
AAK	Ala-Archa			SNR=20			
AAK	Ala-Archa	15.84	311	ePn	Pn	01 53 25.9	+4.1
AAK	Ala-Archa	15.84	311	ePn	Pn	01 53 21.2	-0.6
AAK	Ala-Archa	15.84	311	ePn	Pn	01 53 21.2	-0.6
AAK	Ala-Archa	15.84	311				



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CLL, CLM, GEC2, GERES, KHC, LJSJ, MOX, TRI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HAU, PGF, GIVF, LPL, LRF, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LFF, EMIR, ETOS, EPF, EPOB, etc.

Table with columns: STKA, TOAD, TOROI, YKA, LBTB, PMAR, TOO, YKA, BOSHA, SCHO, KIC, TIC, LIC, ULM, SYO, TXAR, ROSC, SIV, ATAH, LPAZ, NEIC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

NEIC 25 01:52:31.5, 3789Sx17675E, h6km, ML3.7(WEL), After WEL, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MARZ, EDZR, LIJZ, MKRZ, TAZ, WHZ.

ISCJB 25 01:56:27.0±0.7, 70N±0.1, 733W±0.1, h150km±11km, mb3.5/5, Error ellipse: s-maj=23.0km s-min=8.6km az=41.8

ISC 25 01:56:27.4±0.7, 696N, 7322W, h142km±39km, mb3.3/5, mb1 3.5/7, mb1mx3.3/19, mbtmp3.3/7, Error ellipse: s-maj=85.7km s-min=8.0km az=133.0

NEIC 25 01:56:28.1±0.7, 705N, 733W, h140km±10km, mb4.1/2, Error ellipse: s-maj=14.8km s-min=8.7km az=128.0

ISC 25 01:56:28.1±0.7, 705N±0.10, 733W±0.1, h139km±12km, n12, ±648/14, mb3.5/5, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ROSC, SDV, JTS, NNA, TXAR, ULM, PDAR, SKHO, YKA.

NNC 25 02:02:49.2±0.4, 3694N, 6605E, h33km±85km, mb3.5, mpv3.4, 2C-1D, Error ellipse: s-maj=47.3km s-min=37.8km az=3.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KK31, KK31, Tkmk, AB31.

ISC 25 02:03:50.6±0.3, 3330N, 9011E, h69km±79km, mb3.2/5, mb1 3.4/6, mb1mx3.2/21, mbtmp3.2/6, Error ellipse: s-maj=58.8km s-min=27.4km az=52.0, Qinghai

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

Table with columns: ASAR, TORO, YKA. Includes station names, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

ISC 25 02:18:16.2±2.1, 1505S, 17377W, h0km, mb3.8/6, mb1 4.2/6, mb1mx4.0/14, mbtmp3.8/6, MS3.8/5, Ms1 3.8/5, ms1mx3.5/30, Error ellipse: s-maj=142.1km s-min=22.6km az=152.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, RAR, WRA, GUMO, ASAR, MJAR, NVAR, KSR, TXAR, PDAR, YKA, BRTR, GERES.

MOS 25 02:35:15.4±0.6, 4303N, 4439E, h17km, mb3.5/1, Error ellipse: s-maj=13.8km s-min=11.7km az=82.9

TIF 25 02:35:17.0, 4302N, 4435E, h9km, 1km, ISCJB 25 02:35:17.6±0.6, 4303N, 003, 4436E, h04, h12km±6km, Error ellipse: s-maj=5.0km s-min=4.3km az=155.0

ISC 25 02:35:17.5±0.7, 4303N, 003, 4437E, h04, h16km±6km, n11, ±071/22, 5C-4D, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARNR, LACR, VLKR, KRR, SNJR, KMSR, BTKR, ZEI, LSNR, DIGR, ONI.

ISC 25 02:36:50.7±0.9, 3654N, 14162E, h0km, mb3.6/8, mb1 3.8/12, mb1mx3.7/25, mbtmp3.7/12, ML3.5/4, MS3.1/1, Ms1 3.1/1, ms1mx2.6/31, Error ellipse: s-maj=22.6km s-min=17.4km az=101.0

ISCJB 25 02:36:54.0±0.8, 3653N, 003, 14146E, h06, h37km±8km, mb3.5/9, Error ellipse: s-maj=7.4km s-min=4.8km az=3.4

JMA 25 02:36:55.4±0.1, 3649N, 14133E, h46km±3km, M3.8, JMA Felt I J1

NEIC 25 02:36:58.4±1.4, 3648N, 14133E, h55km±12km, mb4.2/1, Error ellipse: s-maj=17.4km s-min=10.5km az=134.0

NIED 25 02:37:00, 3650N, 14140E, h24km, Mw3.8, Best double couple: Ms=5.82000±0.14, NP1=19.27000±0.02, 0.00000±0.14, 0.00000±0.14, NP2=150.00000±0.82, 0.00000±0.11, 1.13.00000±0.00

ISC 25 02:36:54.6±1.0, 3653N, 003, 14144E, h05, h22km±7km, n2, ±097/44, mb3.5/9, 2C, 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, ONAJ, JFK, ROSC, SDV, JTS, NNA, TXAR, ULM, PDAR, SKHO, YKA, ERM, ASAJ, JNU, JNU, JNU, SONM, ZALV, MKAR, COLA, EK52, INK, WRA, ASAR, RES, YKA, NVAR, BRTR.

0.6mm, 0.8s, mb3.6, baz=26, slow=6.9, SNR=5.9

MOS 25 02:39:32.3±0.6, 4306N, 4435E, h17km, mb3.5/1, 2C-3D, Error ellipse: s-maj=21.3km s-min=15.3km az=65.7, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARNR, ARNR, KORR, LACR, SNJR, BTKR, BTKR, ZEI, DIGR, DIGR.

CSEM 25 02:47:35.4±0.2, 3847N, 3929E, h1km±1km, MD3.5, Error ellipse: s-maj=3.0km s-min=2.2km az=177.0

ISK 25 02:47:35.6, 3848N, 3927E, h5km, MD3.3, ISCJB 25 02:47:36.7±0.6, 3848N, 003, 3933E, h04, h5km±7km, Error ellipse: s-maj=6.1km s-min=4.1km az=139.6

DDA 25 02:47:36.4, 3843N, 3938E, h2km, MD3.5, ISC 25 02:47:37.0±0.7, 3846N, 003, 3931E, h04, h5km±7km, n33, ±1923/47, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ELZG, PTK, PTK, MYA, MYA, MALY, MALY, MALT, MALT, MALT, MALY, URFA, URFA, ATAB, ATAB, ETC, ETC, MARD, MARD, BTMT, BTMT, GZT, GZT, GAZ, GAZ, CAZ, CAZ, ERZUR, ERZUR, ERZM, ERZM, ERZM, ERZM, SVSK, SVSK, ANDR, ANDR, SIRT, SIRT, SIRT, SIRT, COBT, COBT, HKR, HKR, HKR, CUKT, CUKT, CUKT, CUKUR.

ISCJB 25 02:56:16.3±1.3, 179S, 01, 17952W, h02, h62km±17km, mb4.0/23, Error ellipse: s-maj=19.3km s-min=10.4km az=147.8

NEIC 25 02:56:16.9±0.9, 1787S, 17947W, h611km±11km, mb4.1/16, Error ellipse: s-maj=15.7km s-min=7.3km az=149.0

ISC 25 02:56:17.0±2.0, 1773S, 17956W, h605km±26km, mb3.4/10, mb1 3.7/11, mb1mx3.6/16, mbtmp3.5/11, Error ellipse: s-maj=24.2km s-min=13.1km az=147.0

ISC 25 02:56:17.0±1.2, 179S±0.1, 17947W, h09, h612km±15km, n40, ±087/34, mb4.0/23, Fiji Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, CTA, CTAO, COEN, TOO, STKA, STKA, WB2, WRA, WRA, ASAR, ASAR, KAKA, KAKA, FORT, FITZ, MBWA, KLBR, VNO, MJAR, GSPA, NVAR, NVAR, WVOR, MCK, HLD, COLA, NEW, NEW, BILL, BILL, TXAR, TXAR, TXAR, PINE, VNA3, VNA2, VNA1.

2507 FEB

Table with columns: YKA, Yellowknife Ar, 94.74 25 P, 03 08 33.1 -0.6

IDC 25 03:00:11.2.0.7, 3309N:9037E, h0km, mb3.9/12, m1.4, 1/13, mb1mx4.0/21, m1btp3.9/13, ML3.2/1, MS3.4/2, M1.3 4/2, ms1mx3.4/25, Error ellipse: s-maj=25.7km s-min=17.6km az=129

BUI 25 03:00:14.6, 3324N:9048E, h27km, m85, 1, mb4.4, ML4.2, Ms4.0, Ms24.0

ISCJB 25 03:00:15.5.0.9, 3319N:005:9037E.005, h40km, 10km, mb4.1/19, MS3.2/2, Error ellipse: s-maj=7.8km s-min=7.1km az=32

MOS 25 03:00:15.4.1.3, 3325N:9041E, h33km, mb4.3/6, Error ellipse: s-maj=15.3km s-min=8.5km az=98.3

NEIC 25 03:00:18.1.1.9, 3321N:9040E, h40km, 17km, mb4.2/6, Error ellipse: s-maj=10.6km s-min=8.0km az=208.0

ISC 25 03:00:17.9.0.7, 3321N:004:9037E.006, h44km, 8km, n60, e094/63, mb4.1/19, MS3.2/2, QZ, Qinghai

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

2007 FEB

Table with columns: FFC, Flin Flin, 91.78 7 eP, 03 13 20.6 -0.1

NIED 25 03:46:00, 4320N:14650E, h47km, Mw3.6 Best double couple: M3.13000:1014 NP1:3645.00000, 845.00000, 1.7-76.00000, NP2:36206.00000, 846.00000, 1.7-104.00000

MOS 25 03:46:36.5.1.8, 4301N:14681E, h33km, mb4.2/1, Error ellipse: s-maj=11.5km s-min=20.2km az=100.8

ISCJB 25 03:46:42.0.1.4, 4320N:009:14650E.01, h59km, 9km, mb3.5/5, Error ellipse: s-maj=18.5km s-min=11.0km az=139.4

JMA 25 03:46:42.5.0.1, 4319N:14646E, h50km, 1km, M3.7

IDC 25 03:46:45.13.1.0, 4472N:14586E, h0km, mb3.6/5, m1.3 7/5, mb1mx3.5/22, m1btp3.6/5, Error ellipse: s-maj=319.1km s-min=36.5km az=163.0

ISC 25 03:46:43.1.1.5, 4319N:010:14650E.01, h52km, 11km, n17, e057/24, mb3.5/5, Kuril Islands

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

IDC 25 03:47:09.9.2.7, 583S:13045E, h0km, mb3.5/1, m1.1 3.8/3, m1mx3.5/13, m1btp3.6/3, ML3.6/1, Error ellipse: s-maj=182.1km s-min=31.3km az=71.0, Banda Sea

WRA Warramunga Arr 14.53 165 Pn 03 50 36.7 -0.2

ASAR Alice Springs 18.04 170 Pn 03 51 22.3 +0.1

MKAR Makanchi Array 67.50 326 Pn 03 58 07.9 +0.1

SZGRF 25 03:46:55.7, 1766S:17775W, h33km, Fiji Islands region

ISCJB 25 03:47:54.9.0.8, 1825S:009:17801W.008, h59km, 10km, mb4.1/27, Error ellipse: s-maj=16.2km s-min=8.2km az=145.3

NEIC 25 03:47:55.7.0.7, 1825S:17797W, h589km, 8km, mb4.2/15, Error ellipse: s-maj=11.6km s-min=6.2km az=147.0

IDC 25 03:47:55.5.1.3, 1834S:17798W, h586km, 16km, mb3.6/13, m1.3 7/15, mb1mx3.7/20, m1btp3.5/15, Error ellipse: s-maj=19.2km s-min=9.8km az=144.0

ISC 25 03:47:55.3.0.8, 1822S:009:17798W.008, h581km, 9km, n139, e081/42, mb4.1/27, 11C-16D, Fiji Islands region

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

Table with columns: ULN Ulanbaatar, 93.66 319 eP, 04 00 10.2 0.0

SONM Songino Array 94.05 319 P 04 00 12.0 0.0

YKA Yellowknife Ar 94.44 25 P 04 00 12.6 -0.8

ARU Arti 123.33 326 ePKPdf 04 05 46.0 -0.6

FINES FINES Array B 136.60 344 PKP 04 06 04.8 -1.0

FINES FINES Array B 136.60 344 PKP 04 06 04.8 -1.0

NOA NORSTAR Array B 136.73 353 PKP 04 06 12.3 +0.5

KIV Kislovodsk 137.36 316 ePKPdf 04 06 13.6 +0.2

AKASA Malin Array B 141.02 332 ePKPdf 04 06 13.4 -6.4

BSEG Bad Segeberg 143.78 352 ePKPbc 04 06 23.2 -1.4

KWP Kalwaria 145.42 337 iPKP 04 06 25.9 -0.1

BURAR Bucovina Array 145.08 332 iPKP 04 06 28.4 +1.4

STHS Stebnicka Huta 145.23 338 eP 04 06 28.3 +1.0

KOLS Kolonicke sedl 145.25 336 ePKP 04 06 28.1 +0.8

BR131 Keskin Array S 145.29 315 ePKPbc 04 06 28.6 -0.3

BRTR Keskin Array B 145.29 315 ePKPbc 04 06 28.6 -0.3

KSP Kszaz 145.52 344 eP 04 06 29.1 +1.4

NIE Niedzica 145.56 339 eP 04 06 29.6 +1.8

CRVS Cervencia-Dubn 145.58 337 eP 04 06 28.6 +0.7

TRPA Trnava 145.80 335 iPKP 04 06 29.6 +1.3

CLZ Clausthal 145.81 331 ePKPbc 04 06 29.8 -0.2

CLL Collim 145.85 348 iPKP 04 06 29.7 +1.4

CLL Collim 145.85 348 ePKPbc 04 06 29.7 -0.4

UPLC Uptice 145.90 344 ePKP 04 06 30.1 +1.7

UPC Dobruska-Polom 145.96 344 ePKP 04 06 30.5 +2.0

DPG Dobruska-Polom 145.96 344 ePKP 04 06 30.5 +2.0

BRG Berggiesshobel 146.06 346 ePKPbc 04 06 30.4 +1.8

MORC Moravsky Berou 146.13 342 ePKPbc 04 06 30.2 -0.7

MORC Moravsky Berou 146.13 342 iPKP 04 06 30.9 +1.9

FBE Freiberg 146.15 347 ePKPbc 04 06 30.8 +1.9

PVCC Panska Ves 146.24 346 ePKP 04 06 31.8 +1.9

PVCC Panska Ves 146.24 346 ePKP 04 06 31.8 +1.9

KECS Kecovo 146.29 338 eP 04 06 31.4 +2.3

KECS Kecovo 146.29 338 ePKP 04 06 31.4 +2.3

PRU Pruhonice 146.75 345 ePKP 04 06 31.2 +1.4

PRU Pruhonice 146.75 345 ePKP 04 06 31.2 +1.4

PRU Pruhonice 146.75 345 ePKP 04 06 31.2 +1.4

PRU Pruhonice 146.75 345 ePKP 04 06 31.2 +1.4

MOX Moxa 146.75 349 ePKP 04 06 32.4 +2.6

MOX Moxa 146.75 349 ePKP 04 06 32.5 -0.1

DRGR Dražice 146.80 334 iPKP 04 06 32.8 +2.8

TANN Tannenbergsstha 146.81 348 ePKPbc 04 06 32.6 -0.2

WERD Werda 146.81 348 ePKPbc 04 06 32.5 -0.3

VYRAC Vranov 146.83 342 iPKP 04 06 36.0 +6.0

VYRAC Vranov 146.83 342 iPKP 04 06 36.0 +6.0

VHYS Vyhne 146.85 339 eP 04 06 32.8 +2.8

VHYS Vyhne 146.85 339 ePKP 04 06 32.8 +2.8

GUNZ Gunzen 146.89 348 ePKPbc 04 06 32.9 -0.1

PISZK Piszkesteto 146.98 338 ePKPbc 04 06 33.1 -0.2

TREC Trest 147.15 344 ePKP 04 06 33.4 +2.9

MANZ Manzenbrunn 147.29 348 ePKPbc 04 06 33.9 +4.5

ROTZ Rotzenmuhl 147.48 348 ePKPbc 04 06 34.3 -0.2

TNS Taunus Mts 147.66 352 ePKPbc 04 06 35.0 0.0

TNS Taunus Mts 147.66 352 ePKPbc 04 06 35.0 0.0

GRA1 Grafenberg Arr 147.74 349 ePKPbc 04 06 35.0 -0.2

GRF Grafenberg Arr 147.74 349 ePKPbc 04 06 35.0 -0.2

KHC Kasperske Hory 147.78 346 ePKP 04 06 35.1 +3.6

KHC Kasperske Hory 147.78 346 ePKP 04 06 35.1 +3.6

KHC Kasperske Hory 147.78 346 ePKP 04 06 35.1 +3.6

GER2 GERES Array S 148.02 345 ePKPbc 04 06 35.6 -0.3

GERES GERES Array S 148.02 345 ePKPbc 04 06 35.6 -0.3

GERES GERES Array B 148.02 345 ePKPbc 04 06 35.6 -0.3

GERES GERES Array B 148.02 345 ePKPbc 04 06 35.6 -0.3

BZS Buzias 148.19 333 iPKP 04 06 35.9 +3.6

BZS Buzias 148.19 333 iPKP 04 06 35.9 +3.6

WOLF Wolfardenge 148.46 355 ePKPbc 04 06 36.9 -0.1

WOLF Wolfardenge 148.46 355 ePKPbc 04 06 37.5 +0.5

PKM Moray 148.85 337 iPKP 04 06 37.9 +4.5

STU Stuttgart 148.97 351 ePKPbc 04 06 38.5 +0.2

FUR Furstenfeldbrunn 149.19 348 ePKPbc 04 06 39.1 +0.3

FUR Furstenfeldbrunn 149.19 348 ePKPbc 04 06 39.1 +0.3

VTS Vitosh 149.77 328 iPKP 04 06 40.0 +5.1

WATA Walderalm 149.92 347 iPKP 04 06 40.0 +5.0

WATA Walderalm 149.92 347 iPKPbc 04 06 40.0 -0.6

WTTA Wattenberg 149.97 347 iPKP 04 06 40.5 +5.4

WTTA Wattenberg 149.97 347 iPKPbc 04 06 40.5 -0.2

MOTA Moosalm 150.01 348 iPKP 04 06 40.0 +4.9

MOTA Moosalm 150.01 348 iPKPbc 04 06 40.0 -0.8

SQTA Sankt Quirin 150.11 347 iPKP 04 06 40.7 +5.4

SQTA Sankt Quirin 150.11 347 iPKPbc 04 06 40.7 -0.3

ABTA Abfaltersbach 150.26 345 iPKPbc 04 06 40.3 -1.1

BNI Baranecchia 152.96 353 ePKPbc 04 06 42.7 -4.8

KEST Kestory 161.39 341 PKPab 04 07 38.2 -0.3

TORD Torodi Arr B 174.95 176 PKPab 04 08 37.6 -1.2

ISCJB 25 03:52:19.5.0.2, 4245N:001:11071W.002, h0km, mb3.9/1, Error ellipse: s-maj=2.6km s-min=1.6km az=10.0

NEIC 25 03:52:20.0, 4245N:11069W, h0km, ML3.4, ML3.8(SLC), MW3.9(SLM), After SLC

NEIC Felt at Big Piney, Green River, La Barge, Rock Springs and Smoot

IDC 25 03:52:22.7.0.8, 4243N:11062W, h0km, mb3.7/2, m1.3 9/7, mb1mx3.6/25, m1btp3.6/7, ML3.0/5, Error ellipse: s-maj=11.3km s-min=6.0km az=157.0

ISC 25 03:52:20.8.0.2, 4246N:001:11072W.002, h0km, n76, e181/19.0, mb3.9/1, Wyoming

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



Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWUT Hardware Ranch, LOHW Long Hollow, DCIDI Drake Creek, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMB Columbia Colle, ECSD EROS,Stoux Fal, ULM Lac du Bonnet, etc.

MEX 25 03:59:39.6±0.5, 1688N:10005W, h16km±251km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACX Acapulco, CAIG El Cayaco, CAIG El Cayaco, etc.

IDC 25 04:04:41.5±1.0, 102S:12741E, h0km, mb4.1/6, mb1.4 1/8, mb1mx3.9/18, mbtmp4.0/8, ML3.7/2, Error ellipse: s-maj=107.5km s-min=16.3km az=70.0

NEIC 25 04:04:43.2±0.5, 104S:12732E, h10km, mb4.5/2, Error ellipse: s-maj=28.9km s-min=7.7km az=67.0

ISCJJB 25 04:04:47.4±7.7, 11S:102:1274E, h2km, mb4.2/8, Error ellipse: s-maj=48.2km s-min=21.5km az=143.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

CSEM 25 04:09:21.2±0.7, 3833N:3943E, h25km, MD2.7, Error ellipse: s-maj=15.7km s-min=6.9km az=126.0

ISCJCB 25 04:09:24.9±0.7, 3841N:004:3933E, h7km, Error ellipse: s-maj=5.3km s-min=4.6km az=6.5

ISK 25 04:09:24.0, 3840N:3934E, h6km, MD2.7, DDA 25 04:09:25.1, 3839N:3928E, h7km, MD4.8

ISC 25 04:09:25.6±0.7, 3843N:004:3932E, h7km±12km, n11, c0885/20, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELZG Elazig, PTK Pertek, PTK Pertek, etc.

NEIC 25 04:27:06.0, 1802N:10066W, h54km, MD4.1 (MEX), After MEX

MEX 25 04:27:06.1±0.4, 1802N:10066W, h52km±12km, MD4.1, Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEIG Mezcala, CAIG El Cayaco, PLIG Platanillo, etc.

CSEM 25 04:49:22.4±0.1, 3842N:3929E, h4km, MD3.3, Error ellipse: s-maj=1.6km s-min=1.2km az=147.0

ISK 25 04:49:22.0, 3842N:3926E, h5km, MD3.4, ISCJCB 25 04:49:23.0±0.5, 3840N:003:3931E, h4km, km, Error ellipse: s-maj=4.8km s-min=3.6km az=175.3

DDA 25 04:49:23.3, 3835N:3930E, h5km, 2km, Md3.3, NEIC 25 04:49:31.4, 3801N:3950E, h35km, 4km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELZG Elazig, PTK Pertek, MALT Malatya, etc.

MOS 25 05:02:52.3±1.0, 929S:7593W, h33km, mb4.7/10, Error ellipse: s-maj=32.1km s-min=9.1km az=117.1

ISCJCB 25 05:02:54.6±0.9, 934S:004:7583W, h62km, 9km, mb4.6/35, Error ellipse: s-maj=11.2km s-min=6.5km az=159.2

BUL 25 05:02:55.2, 940S:7590W, h51km, mb4.5, Ms5.1, Msz4.8, NEIC 25 05:02:55.2±0.2, 941S:7587W, mb4.7/23, Error ellipse: s-maj=17.7km s-min=4.3km az=67.0

NEIC 25 05:02:56.2±1.6, 935S:7583W, h59km, 16km, mb4.2/14, mb1.4 3/19, mb1mx4.3/26, mbtmp4.2/11, MS3.7/13, Ms1.3 7/13, ms1mx3.5/34, Error ellipse: s-maj=17.1km s-min=11.0km az=89.0

ISC 25 05:02:56.3±0.8, 936S:004:7580W, h60km, 8km, h59km±5.5km, pP, n130, c0977/91, n30, MS3.9/10, 2C, Central Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNA Nana, ATAH Atahuapla, ATAH Atahuapla, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TEIG, CMIG, NACODCOCHES, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WB2, WRA, MJAR, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LCO, CFAA, FITZ, etc.

ellipse: s-maj=8.7km s-min=6.8km az=153.0  
 KNET 25 05:32:23.4.0.6, 4194N, 7623E, h3km, 3km, ml2.1, Error  
 ellipse: s-maj=4.0km s-min=2.3km az=125.0  
 ISC 25 05:32:23.5-1.3, 4198N, 7606E, h3km, 1h10m, n13,  
 #133/22, 9C-14D, Kyrgyzstan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
ULHL	Ulahol	0.30	333	Op	ISC	05 32 28.9 -0.6
ULHL	38nm, 0.1s, SNR=482					
				↑S	Pg	05 32 34.4 +0.9
TKM2	Tokmak 2	1.12	327	↓P	Pg	05 32 43.7 -1.4
TKM2	9.2nm, 0.1s, SNR=13					
TKM2	61nm, 0.1s					05 33 00.3 +0.6
TKM2	Tokmak 2	1.12	327	↓P	Pg	05 32 43.7 -1.4
TKM2	0.1nm, 0.2s					05 33 00.1 +0.5
KBK	Karagaybulak	1.29	302	↑P	Pg	05 32 46.7 -1.5
KBK	1.3nm, 0.3s					05 33 04.9 0.0
KBK	10nm, 0.1s, SNR=35					05 33 04.9 0.0
KNDC	Almaty	1.30	18	↑P	Pg	05 32 46.8 -1.7
KNDC	27nm, 0.2s					05 33 05.5 +0.2
UCH	Uchter	1.45	281	↑P	Pg	05 32 48.6 -2.6
UCH	3.1nm, 0.2s, SNR=13					05 33 07.6 -2.3
UCH	11nm, 0.2s					05 33 07.6 -2.3
AAK	Ala-Archa	1.57	295	↓P	Pg	05 32 51.3 -0.2
AAK	4.1nm, 0.1s, SNR=14					05 33 13.0 +1.2
CHMS	Chumysh	1.60	310	↑P	Pn	05 32 51.9 +0.1
CHMS	4.9nm, 0.1s, SNR=5.0					05 33 14.8 +2.2
USP	Ospertvka	1.92	313	↓P	Pn	05 32 57.5 +1.3
USP	23nm, 0.2s, SNR=18					05 33 24.4 -0.7
USP	18nm, 0.2s					05 32 59.4 +1.6
AML	Almaysay	2.04	275	↑P	Pn	05 33 01.1 +2.7
AML	9.3nm, 0.2s, SNR=8.5					05 33 43.2 +0.5
EKS2	Erkin-Say	2.08	290	↑P	Pn	05 33 43.2 +0.5
EKS2	8.4nm, 0.4s, SNR=10					05 34 46.2
KK31	Karatay Array	4.51	286	↓P	Pb	05 34 19.0 -6.8
KK31	0.4nm, 0.5s, baz=100, slow=16, SNR=8.6					05 35 45.2
KK31	5.9nm, 0.8s, baz=97, slow=25					
MK31	Makanchi Array	6.39	39	↓P	Pg	05 35 45.2
MK31	0.3nm, 0.7s, baz=228, slow=16, SNR=3.6					
MK31	0.7nm, 0.6s					

ISCJB 25 06:01:48.0.0.6, 3838N, 003.3927E, 003, h1km, 7km,  
 Error ellipse: s-maj=4.8km s-min=4.1km az=156.8  
 CSEM 25 06:01:47.7.0.1, 3640N, 3924E, h5km, MD3.2  
 DDA 25 06:01:47.7.3841N, 3924E, h2km, MD3.2  
 ISC 25 06:01:47.5, 3839N, 3923E, h2km, MD3.3  
 ISC 25 06:01:48.9.0.5, 3839N, 003.3926E, 003, h8km, 5km, n27,  
 #093/42, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
ELZG	Elazig	0.24	296	Op	ISC	06 01 53.2 -0.4
ELZG	0.1nm, 0.1s, SNR=13					06 01 59.1 +2.2
ELZG	0.24	296	P	Pg	06 01 58.2 -0.5	
PTK	Pertek	0.51	12	PG	Pg	06 02 05.8 +0.4
PTK	0.51	12	SG	Pg	06 02 05.8 +0.4	
PTK	Pertek	0.51	12	PG	Pg	06 02 05.8 +0.4
PTK	0.51	12	SG	Pg	06 02 05.8 +0.4	
MALT	Malatya	0.66	263	PG	Pg	06 02 10.4 +0.2
MALT	0.66	263	PG	Pg	06 02 10.3 -1.3	
MALT	Malatya	0.66	263	PG	Pg	06 02 10.4 +0.2
MALT	0.66	263	PG	Pg	06 02 10.3 -1.0	
MYA	Malatya	0.66	264	PG	Pg	06 02 10.8 +0.6
MYA	0.66	264	PG	Pg	06 02 10.8 +0.6	
MYA	Malatya	0.66	264	PG	Pg	06 02 10.8 +0.6
MYA	0.66	264	PG	Pg	06 02 10.8 +0.6	
DIY	Diyarbakir	0.91	123	PG	Pg	06 02 06.1 -0.2
DIY	0.91	123	SG	Pg	06 02 19.5 +1.4	
DIY	Diyarbakir	0.91	123	PG	Pg	06 02 06.1 -0.2
DIY	0.91	123	SG	Pg	06 02 19.5 +1.4	
URFA	Urfa	1.01	200	PG	Pg	06 02 07.2 -1.1
URFA	1.01	200	SG	Pg	06 02 22.0 +0.6	
URFA	Urfa	1.01	200	PG	Pg	06 02 07.2 -1.1
URFA	1.01	200	SG	Pg	06 02 22.0 +0.6	
BINT	Bingol	1.08	63	PN	Pn	06 02 09.5 -0.7
BINT	1.08	63	PN	Pn	06 02 09.5 -0.7	
ATAB	Bozova	1.20	220	IP	Pb	06 02 11.2 -0.6
ATAB	1.20	220	IS	Pb	06 02 28.7 +1.3	
ERZ	Erzincan	1.42	18	PN	Pn	06 02 15.1 +0.1
ERZ	1.42	18	PN	Pn	06 02 15.1 +0.1	
MARD	Mardin	1.61	131	P	Pn	06 02 16.5 -1.1
MARD	1.61	131	P	Pn	06 02 39.0 +0.4	
GZ	Gaziantep	1.70	233	P	Pn	06 02 07.7 -0.9
GZ	1.70	233	IS	Pn	06 02 45.2 +4.8	
BZT	Batman	1.76	96	PN	Pn	06 02 18.9 -0.8
BZT	1.76	96	PN	Pn	06 02 24.1 +0.7	
GAZ	Gaziantep	2.03	234	ePN	Pn	06 02 27.0 +1.0
GAZ	2.03	234	ePN	Pn	06 02 31.2 +0.2	
ERZ	Erzurum	2.23	47	ePN	Pn	06 02 27.6 +0.2
ERZ	2.23	47	ePN	Pn	06 02 33.2 +1.1	
SVK	Sivas	2.33	312	ePN	Pn	06 02 33.2 +1.1
SVK	2.33	312	ePN	Pn	06 02 45.4 -1.6	
EYM	Karacayir	2.33	312	ePN	Pn	06 02 27.6 +0.2
EYM	2.33	312	ePN	Pn	06 02 33.2 +1.1	
SIRT	Sirnak	2.67	109	ePN	Pn	06 02 45.4 -1.6
SIRT	2.67	109	ePN	Pn	06 02 27.6 +0.2	
COBT	Iskenderun	3.04	233	IP	Pg	06 03 26.9 +0.6
COBT	3.04	233	IP	Pg	06 03 26.9 +0.6	

SOF 25 05:34:27.7, 4055N, 2380E, h15km, MD3.0  
 ISCJB 25 05:34:29.8.0.4, 4059N, 002.2386E, 003, h1km, 4km,  
 Error ellipse: s-maj=3.3km s-min=2.8km az=12.5  
 ATH 25 05:34:30.6, 4063N, 2378E, h24km, 2km, MD3.5/6  
 NEIC 25 05:34:30.7, 4057N, 2385E, h3km, ML3.0  
 NEIC 25 05:34:30.6, 4063N, 2378E, h24km, MD3.5(ATH),  
 MD3.0(SOF), After ATH.  
 CSEM 25 05:34:30.8.0.1, 4060N, 2387E, h12km, ML3.0, Error  
 ellipse: s-maj=1.4km s-min=1.1km az=110.0  
 ISC 25 05:34:30.7.0.4, 4057N, 002.2387E, 003, h5km, 4km, n83,  
 #096/121, 9C-1D, Greece

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
OUR	Ouranopolis	0.25	160	Op	ISC	05 34 36.4 +0.9
OUR	0.25	160	Op	ISC	05 34 36.4 +0.9	
OUR	Ouranopolis	0.25	160	ePN	Pg	05 34 36.4 +0.9
OUR	0.25	160	ePN	Pg	05 34 36.4 +0.9	
PLG	Polygyros	0.38	239	IP	Pb	05 34 38.3 +0.4
PLG	0.38	239	IP	Pb	05 34 38.3 +0.4	
PLG	Polygyros	0.38	239	IP	Pb	05 34 38.3 +0.4
PLG	0.38	239	IP	Pb	05 34 38.3 +0.4	
PLG	Polygyros	0.38	239	IP	Pb	05 34 38.3 +0.4
PLG	0.38	239	IP	Pb	05 34 38.3 +0.4	
PLG	Polygyros	0.38	239	IP	Pb	05 34 38.3 +0.4
PLG	0.38	239	IP	Pb	05 34 38.3 +0.4	
SOH	Sokhos	0.46	303	ePN	Pg	05 34 39.3 +0.4
SOH	0.46	303	ePN	Pg	05 34 39.3 +0.4	
SOH	Sokhos	0.46	303	ePN	Pg	05 34 39.3 +0.4
SOH	0.46	303	ePN	Pg	05 34 39.3 +0.4	
SOH	Sokhos	0.46	303	ePN	Pg	05 34 39.3 +0.4
SOH	0.46	303	ePN	Pg	05 34 39.3 +0.4	
HORT	Hortiatiss	0.58	273	ePN	Pg	05 34 45.9 +0.2
HORT	0.58	273	ePN	Pg	05 34 45.9 +0.2	
HORT	Hortiatiss	0.58	273	ePN	Pg	05 34 45.9 +0.2
HORT	0.58	273	ePN	Pg	05 34 45.9 +0.2	
HORT	Hortiatiss	0.58	273	ePN	Pg	05 34 45.9 +0.2
HORT	0.58	273	ePN	Pg	05 34 45.9 +0.2	
PAIG	Paliouri	0.66	193	ePN	Pg	05 34 50.0 +0.4
PAIG	0.66	193	ePN	Pg	05 34 50.0 +0.4	
PAIG	Paliouri	0.66	193	ePN	Pg	05 34 50.0 +0.4
PAIG	0.66	193	ePN	Pg	05 34 50.0 +0.4	
PAIG	Paliouri	0.66	193	ePN	Pg	05 34 50.0 +0.4
PAIG	0.66	193	ePN	Pg	05 34 50.0 +0.4	
THE	Thessaloniki	0.69	275	ePN	Pg	05 34 52.5 +0.7
THE	0.69	275	ePN	Pg	05 34 52.5 +0.7	
THE	Thessaloniki	0.69	275	ePN	Pg	05 34 52.5 +0.7
THE	0.69	275	ePN	Pg	05 34 52.5 +0.7	
THE	Thessaloniki	0.69	275	ePN	Pg	05 34 52.5 +0.7
THE	0.69	275	ePN	Pg	05 34 52.5 +0.7	
NVR	Nevochori	0.78	360	ePN	Pg	05 34 53.2 +0.3
NVR	0.78	360	ePN	Pg	05 34 53.2 +0.3	
NVR	Nevochori	0.78	360	ePN	Pg	05 34 53.2 +0.3
NVR	0.78	360	ePN	Pg	05 34 53.2 +0.3	
NVR	Nevochori	0.78	360	ePN	Pg	05 34 53.2 +0.3
NVR	0.78	360	ePN	Pg	05 34 53.2 +0.3	
NVR	Nevochori	0.78	360	ePN	Pg	05 34 53.2 +0.3
NVR	0.78	360	ePN	Pg	05 34 53.2 +0.3	
KNT	Kendrikon	0.94	309	ePN	Pg	05 34 58.0 +1.1
KNT	0.94	309	ePN	Pg	05 34 58.0 +1.1	
KNT	Kendrikon	0.94	309	ePN	Pg	05 34 58.0 +1.1
KNT	0.94	309	ePN	Pg	05 34 58.0 +1.1	
KNT	Kendrikon	0.94	309	ePN	Pg	05 34 58.0 +1.1
KNT	0.94	309	ePN	Pg	05 34 58.0 +1.1	
MMB	Musomiste	1.02	354	IP	Pg	05 34 52.4 -0.4
MMB	1.02	354	IP	Pg	05 34 52.4 -0.4	
MMB	Musomiste	1.02	354	IP	Pg	05 34 52.4 -0.4
MMB	1.02	354	IP	Pg	05 34 52.4 -0.4	
MMB	Musomiste	1.02	354	IP	Pg	05 34 52.4 -0.4
MMB	1.02	354	IP	Pg	05 34 52.4 -0.4	
MMB	Musomiste	1.02	354	IP	Pg	05 34 52.4 -0.4
MMB	1.02	354	IP	Pg	05 34 52.4 -0.4	
LIT	Litokhoron	1.15	246	ePN	Pg	05 35 08.8 +1.1
LIT	1.15	246	ePN	Pg	05 35 08.8 +1.1	
LIT	Litokhoron	1.15	246	ePN	Pg	05 35 08.8 +1.1
LIT	1.15	246	ePN	Pg	05 35 08.8 +1.1	
LIT	Litokhoron	1.15	246	ePN	Pg	05 35 08.8 +1.1
LIT	1.15	246	ePN	Pg	05 35 08.8 +1.1	
GRG	Griva	1.18	290	ePN	Pg	05 35 10.3 +1.7
GRG	1.18	290	ePN	Pg	05 35 10.3 +1.7	
GRG	Griva	1.18</				

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urewera, Lichensteins R, Makatiti, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Torodi Ar. Bea.

ISCJB 25 06:37.443.2.0.7, 4446N.008.872E.02, h10km, mb3.1/1, Error ellipse: s-maj=20.2km s-min=5.2km az=150.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urumqi, Makanchi Array, MK31, etc.

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

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

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

WEL 25 06:49:59.5.0.3, 3819S.17594E, h179km, 2km, ML3.6/6, 1C-1D, Error ellipse: s-maj=3.6km s-min=3.5km az=90.0,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urewera, Black Stump Fm, Tukino, etc.

NEIC 25 07:10:16.1, 1668N.9973W, h6km, MD3.6(MEX), After MEX.

MEX 25 07:10:17.6.0.6, 1683N.9969W, h10km, MD3.6, Near coast of Guerrero

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

WEL 25 07:17:20.9.0.1, 4577S.16745E, h12km, ML3.5/10, 1C-1D, Error ellipse: s-maj=1.5km s-min=0.9km az=90.0, South Island

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

IDC 25 07:40:55.5.2.0, 081N.12552E, h0km, mb3.2/3, mb1 3.4/3, s-maj=194.8km s-min=26.2km az=64.0, Northern

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

ISCJB 25 07:44:11.3.1.3, 849S.009.7594W.009, h55km, 14km, mb3.7/9, Error ellipse: s-maj=18.9km s-min=9.7km az=43.7

IDC 25 07:44:14.3.2.0, 846S.7598W, h66km, 19km, mb3.7/9, mb1 3.8/13, mb1mx3.8/22, mbtmp3.7/13, MS3.1/3, S-min=14.7km az=37.0

ISC 25 07:44:13.1.1.1, 851S.009.7597W.009, h55km, 12km, n17, r15161.10, mb3.7/9, Central Peru

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

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

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

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

IDC 25 07:48:32.7.8.2, 2262N.14418E, h143km, 77km, mb3.0/5, mb1 3.1/6, mb1mx3.0/21, mbtmp3.0/6, Error ellipse: s-maj=116.0km s-min=21.4km az=80.0, Volcano Islands region

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

WEL 25 07:52:35.7.0.7, 3796S.17583E, h247km, 6km, ML3.7/8, Error ellipse: s-maj=14.0km s-min=14.0km az=0.0, Northern Island

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

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

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

NEIC 25 07:56:07.7.3157S.7175W, h8km, ML3.2(GUC), After GUC.

GUC 25 07:56:07.7.1.0, 3157S.7175W, h8km, 6km, MD3.9, ML3.2, 6C-1D, Near coast of central Chile

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

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

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

PEL comp=E, 7.36nm, 0.4s iS AML Sn 07 57 04.6 +2.1

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

ISCJB 25 08:00:07.5.1.5, 557S.006.14651E.008, h84km, 15km, mb4.4/18, Error ellipse: s-maj=14.1km s-min=8.8km az=14.5

BJI 25 08:00:11.8.5.60S.14630E, h128km, mb5.2, mb4.7, IDC 25 08:00:12.7.0.6, 580S.14652E, h127km, 5km, mb4.1/13, mb1 4.2/15, mb1mx4.2/18, mbtmp4.1/15, MS3.4/7, Ms1.3/4.7, ms1mx3.2/26, Error ellipse: s-maj=16.3km s-min=7.7km az=91.0

NEIC 25 08:00:13.8.0.5, 563S.14633E, mb4.9/7, Error ellipse: s-maj=13.5km s-min=9.2km az=84.0

ISC 25 08:00:11.9.1.1, 565S.005.14641E.009, h110km, 14km, h130km, 1.5km, pp-P, n35, o893/35, mb4.4/18, 2D, Eastern New Guinea region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: STKA, Stephens Creek, 27.70 236 eP, P, 08 12 20.3 +0.9. Includes various station codes and coordinates.

Code Station Name Δ° AZZ Phase ID Time Res
TRO Tromso 5.14 129 eP Sn 09 15 11.2 -0.5
TRO Tromso 5.14 129 eS Sn 09 15 11.2 -0.5

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like TRO, JMI, LOF, KIF, etc.

CSEM 25 08:09:16.5±0.1, 3841N, 3923E, h5km, MD3.7, Error ellipse: s-maj=2.0km s-min=1.3km az=125.0

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like ELZG, PTK, MALT, etc.

MEX 25 08:12:29.8±0.8, 1656N, 9505W, h129km±24km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like HUIG, VHO, CCIG, etc.

IDC 25 08:30:37.2±1.8, 2617N, 11049W, h0km, mb2.7/1, mb1 3.3/4, mb1mx3.2/2.0, mbtmp2.9/4, ML3.7, Error ellipse: s-maj=29.8km s-min=22.3km az=114.0, Gulf of California

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like LPJG, TXAR, PDAR, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like TRO, JMI, LOF, KIF, etc.

Code Station Name Δ° AZZ Phase ID Time Res
TRO Tromso 5.14 129 eP Sn 09 15 11.2 -0.5
TRO Tromso 5.14 129 eS Sn 09 15 11.2 -0.5

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like TRO, JMI, LOF, KIF, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like TRO, JMI, LOF, KIF, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like TRO, JMI, LOF, KIF, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like TRO, JMI, LOF, KIF, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like TRO, JMI, LOF, KIF, etc.

Table with columns: OUL, Oulu, 10.43 132 eP, Pn, 09 15 24.9 +0.8. Includes various station codes and coordinates.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like OUL, HFS, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like OUL, HFS, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like OUL, HFS, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like OUL, HFS, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like OUL, HFS, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Includes stations like OUL, HFS, etc.



Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NKC, NOVY KOSTEL, GIVET, DOURBES, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KOLS, HAUDOMPRES, HAUT, VYHNE, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like FRF, LA FORET ROYAL, TIXI, AKTYUBINSK, etc.





Table of station data for 25d 10h, including station names, coordinates, and various parameters like elevation and frequency.

Table of station data for 2007 FEB, including station names, coordinates, and various parameters like elevation and frequency.

Table of station data for 894, including station names, coordinates, and various parameters like elevation and frequency.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Kingsbay, KIF, Kautokeino, ARACS Array S, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Novy Kostel, Dobrus-Dobrus, Pruhonice, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Karacayir, SVSK, SIRT, etc.

25d 11h

ISCJB 25 10:56:11.1.0.6, 386S.01.462E.01, h10km, mb4.0/10, MS3.1/3, Error ellipse: s-maj=17.8km s-min=12.9km az=38.0

ISC 25 10:56:12.7.0.6, 386S.01.463E.01, h10km, n15, s06/11/13, mb4.0/10, MS3.1/3, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BOSHA Boshof, SUR Sutherland, LBTB Lobatse, etc.

ISC 25 10:56:17.4.5.3, 2822S.7434E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.8/16, mbtmt3.9/5, MS3.8/2, Ms1 3.8/2, ms1mx2.9/27, Error ellipse: s-maj=81.4km s-min=30.9km az=43.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BOSHA Boshof, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISC 25 11:00:11.7.1.8, 3892S.4611E, h0km, mb4.0/7, mb1 4.1/7, mb1mx3.8/18, mbtmt4.1/7, MS3.4/1, Ms1 3.4/1, ms1mx2.9/27, Error ellipse: s-maj=69.2km s-min=30.7km az=40.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BOSHA Boshof, SUR Sutherland, LBTB Lobatse, etc.

ISCJB 25 11:19:52.0.8, 2783S.003.6751W.009, h133km, 11km, mb3.8/4, Error ellipse: s-maj=12.7km s-min=5.6km az=0.2

NEIC 25 11:19:52.0.7, 2782S.6738W, h124km, 8km, MG5.0(GUC), Error ellipse: s-maj=13.0km s-min=6.8km az=101.0

GUC 25 11:19:53.3.0.9, 2781S.6754W, h138km, 8km, ML5.0

ISC 25 11:19:54.5.0.8, 2794S.6749W, h140km, 6km, mb3.8/4, mb1 3.9/6, mb1mx3.7/16, mbtmt3.7/6, Error ellipse: s-maj=30.9km s-min=12.2km az=101.0

ISC 25 11:19:53.5.0.8, 2782S.003.6750W.008, h129km, 11km, n32, c101/39, mb3.8/4, CC-6D, Catamarca Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CPCH Copiapo, VACH Vallenar, CDCH Caldera, etc.

2007 FEB

Table with columns: TORD, BOSHA Boshof, PDAR Pingedale Array, YKA Yellowknife Ar, etc.

ISC 25 11:21:36.3.2.4, 074S.12794E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/16, mbtmt3.4/3, Error ellipse: s-maj=201.6km s-min=25.0km az=67.0, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

ISC 25 11:26:43.3.2.3, 519N.9473E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.6/21, mbtmt3.6/6, Error ellipse: s-maj=101.6km s-min=22.2km az=59.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MKAR Makanchi Array, SONM Songoing Array, WRA Warramunga Arr, etc.

ISC 25 11:38:01.5.2.3, 2819N.14199E, h42km, 24km, mb3.2/2, mb1 3.6/3, mb1mx3.2/20, mbtmt3.2/3, ML3.2/1, Error ellipse: s-maj=70.5km s-min=16.8km az=83.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CBJI Chichi jima, MJAR Matsushiro Arr, WRA Warramunga Arr, etc.

NIED 25 11:41:00, 3320N:13690E, h11km, Mw4.7 Best double couple: M1.21000x1016 NP1.8e-80.00000, s41.00000, 7.83.00000, NP2.2e-269.00000, s50.00000, 7.96.00000

ISC 25 11:41:17.0.0.4, 3309N.13695E, h0km, mb4.7/18, mb1 4.8/24, mb1mx4.7/29, mbtmt4.7/24, ML4.1/7, MS4.0/13, MS1.4.0/13, ms1mx3.8/26, Error ellipse: s-maj=14.3km s-min=12.1km az=78.0

SZGRF 25 11:41:19.7.3296N:13850E, h33km, mb5.4, Southeast of Honshu, Japan

ISCJB 25 11:41:21.5.0.6, 3319N.003.13692E.002, h20km, 4km, mb4.9/136, MS4.2/20, Error ellipse: s-maj=4.4km s-min=2.2km az=175.0

JMA 25 11:41:21.7.0.1, 3312N:13695E, h39km, 3km, M4.6

GCMT 25 11:41:25.3.0.4, 3305N.13670E, h30km, Mw4.9/56, Moment Tensor Solution: s22.226; s56.681; Duration: 0. Moment tensor: Scale 1019Nm; Mr2.32t.18; Mw=2.63t.12; Mw0.31t.11; Me0.94t.13; Mw-0.81t.09; Mw-0.64t.16; Best double couple: M2.84900x1016 NP1.8e-235.00000, s41.00000, 5.58.00000, NP2: e9.950000, s56.00000, 1.15.00000, Principal axes: T 2.7480, Plg68.00000, Azm56.00000, P -0.2060, Plg20.00000, Azm261.00000; P -2.9500, Plg8.00000, Azm168.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 25 11:41:25.3.0.2, 3309N.13697E, mb5.0/88, Mw4.7(NIED) Error ellipse: s-maj=7.7km s-min=3.3km az=176.0

NEIC Recorded (2 JMA) in Wakayama and (1 JMA) in Aichi, Mie and Nara Prefectures.

MOS 25 11:41:26.4.0.7, 3357N:13690E, h45km, mb5.2/58, MS4.0/11, Error ellipse: s-maj=8.4km s-min=4.5km az=108.2

ISC 25 11:41:22.2.0.8, 3322N.002.13690E.002, h14km, 4km, h42km, 2km, comp=PP-P, n399, e087/421, mb4.9/136, MS4.2/20, 29C-21D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TK01 Tokai 1, TK02 Tokai 2, KJWZ Kozakiga, etc.

Table with columns: MAJO Matsushiro, MAT Matsushiro, MJAR Matsushiro Arr, etc. Rows include MAJO Matsushiro, MAT Matsushiro, MJAR Matsushiro Arr, etc.

comp=Z,18nm,0.8s	LR	11 52 54.7	GTA	S	AMB	S	AMB	11 52 27.0	-6.4	STKA	Stephens Creek	64.90	176	P	P	11 51 59.0	-1.9
GUMO Guam	20.85	158	LR	11 46 14.8	+3.7	GTA	comp=Z,11nm,1.1s,mb4.5	AMB	AMB	STKA	comp=Z,5.9nm,0.8s,mb4.7,baz=354,slow=7.1,SNR=9.0	LR	LR	LR	LR	12 19 23.2	
comp=Z,291nm,19.8s,MS3.7,baz=187,slow=34	AP	P	11 46 25.0			GTA	comp=Z,114nm,4.9s	LR	LR	KEY	comp=Z,104nm,19.1s,MS4.0,baz=209,slow=35	LR	LR	LR	11 52 05.0	-0.5	
Hu-ho-hao-te	21.56	298	eP	11 46 31.5	+1.4	GTA	comp=N,389nm,16.7s,MS4.3	LR	LR	ARCES	ARCCESS Array B	66.24	339	P	P	11 52 09.6	+0.5
HHC HHC	XP	S	11 46 40.5			GTA	comp=E,461nm,15.6s,MS4.3	LR	LR	ARCES	comp=Z,228nm,18.9s,MS4.4,baz=25,slow=40	LR	LR	LR	12 25 34.6		
HHC HHC	S	S	11 50 07.5	-2.1		GTA	comp=Z,550nm,16.4s,MS4.3	LR	LR	RES	Resolute Bay	67.18	13	P	P	11 52 14.7	-0.3
HHC HHC	XS	SS	11 50 26.3	+1.0		GTA	comp=Z,25nm,1.2s,mb4.8	eP	P	JOF	Joensuu	67.56	332	eP	P	11 52 17.1	-0.6
comp=Z,26nm,0.8s,mb4.7	AMB	AMB				TIXI	Tiksi	38.73	356	eP	P	11 48 45.3	0.0				
HHC	LR	LR				TIXI	Tiksi	38.73	356	eP	P	11 48 44.4	-0.9				
comp=N,728nm,19.5s	LR	LR				TIXI	comp=Z,8.3nm,0.7s,mb4.6	eP	P	MOS	Moscow	68.08	323	eP	P	11 52 18.7	-2.4
HHC	LR	LR				TIXI	comp=Z,25nm,1.2s,mb4.8	eP	P	KW3	Yellowknife Arr	68.89	28	eP	P	11 52 25.8	-0.2
comp=Z,538nm,11.8s	LR	LR				TIXI	comp=Z,409nm,16.0s,MS4.3	eP	P	OBN	Obninsk	68.91	323j	eP	P	11 52 26.1	-0.1
BTO Baotou	22.66	297	eP	11 46 24.8	+1.9	TIXI	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS	12 01 28.0	-1.8
XAN Xi'an	23.29	280	eP	11 46 29.8	+0.3	TIXI	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS	12 05 57.0	+2.6
XAN XAN	AP	P	11 47 00.1			BILL	comp=Z,7.0nm,1.2s,mb4.3	eP	P	OBN	OBN	SS	SS	SS	SS		
XAN XAN	S	S	11 47 10.3			BILL	comp=Z,200nm,19.0s,MS4.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=Z,44nm,0.9s,mb4.9	AMB	AMB	11 47 10.3			BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
XAN	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=N,216nm,11.1s,MS4.1	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
XAN	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=E,281nm,10.4s,MS4.1	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
XAN	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=Z,281nm,12.4s,MS3.9	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
PET Petropavlovsk	25.20	32	eP	11 46 47.6	+0.5	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
PET Petropavlovsk	25.20	32j	eP	11 46 46.6	-0.4	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
CIT CIT	25.27	325	eP	11 46 52.1	+4.4	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
CIT CIT	25.27	325j	eP	11 47 00.1		BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
CIT CIT	25.27	325j	eP	11 47 00.1		BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
CIT CIT	25.27	325j	eP	11 47 00.1		BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
ULN Ulaanbaatar	26.78	312	eP	11 47 01.2	-0.3	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
GYA Guiyang	27.02	264	P	11 47 06.5	+2.7	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
GYA GYA	PP	P	11 47 58.3			BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
GYA GYA	S	S	11 51 41.0	0.0		BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
GYA GYA	SS	SS	11 52 59.5			BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=Z,20nm,0.7s,mb4.8	AMB	AMB				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
GYA	AMB	AMB				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=Z,100nm,3.9s	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
GYA	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=N,470nm,19.8s,MS4.2	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
GYA	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=E,490nm,19.4s,MS4.2	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
GYA	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=Z,530nm,20.2s,MS4.1	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
GYA	LR	LR				BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
SOMM Songino Array	27.18	312	P	11 47 05.7	+0.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
SOMM Songino Array	27.18	312j	P	11 47 05.7	+0.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
SOMM Songino Array	27.18	312j	P	11 47 05.7	+0.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
SOMM Songino Array	27.18	312j	P	11 47 05.7	+0.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=Z,6.4nm,1.0s,mb4.2,baz=115,slow=8.3,SNR=45	P	P	11 50 24.5	-0.6		BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
SOMM	P	P	11 50 24.5	-0.6		BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
comp=Z,2.3nm,0.7s,baz=129,slow=1.7,SNR=11	P	P	11 47 06.0	0.0		BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
SOMM	P	P	11 47 06.0	0.0		BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS	SS		
LZH Lanzhou	27.27	285	eP	11 47 17.0	+6.6	BILL	comp=Z,27nm,0.9s,mb5.0	eP	P	OBN	OBN	SS	SS	SS			







25d 14h

Table with columns for station name, frequency, and signal strength. Includes stations like ARCES ARCESS Array B, MCKENZIE Canyon, and various other stations across the region.

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Table with columns for station name, frequency, and signal strength. Includes stations like QIZ comp=E,208nm,16.0s,MS4.4, ANMO Albuquerque, and various other stations.

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Table with columns for station name, frequency, and signal strength. Includes stations like TUP TUP, TUP TUP, and various other stations.

BYKL 25 14:36:45.1±0.3,5435N:11726E h14km10km
MOS 25 14:36:45.0±1.8,5439N:11721E h14km, mb4.4,1C,
Error ellipse: s-major=13.5km s-minor=12.2km sz=38.5,
East of Lake Baykal
Code Station Name Δ° Az° Phase ID Time Res
TUP Tupik 1.60 88 ePn Pn 14 37 13.9 +1.0



25d 15h

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Table with columns for station ID, name, frequency, and other details. Includes stations like 115A Sonoran Desert, 115A Sonoran Desert, 115A Sonoran Desert, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like GRAC Grapevine Rang, MSU Marysvalley, R12A Pony Springs, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like M09A Marrel Ranch, O05C Quincy, L12A House Creek Ra, etc.











Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like D11A Klaveano Farm, E07A Sunnyside, C14A Swan Lake, etc.

IDC 25 15:35:13.3z.1.487S:15172E, h62km,7km, mb3.6/6, mb1 3.8/6, mb1mx3.6/15, mbtmp3.6/6, MS4.0/2, Ms1 4.0/2, ms1mx2.2/4, Error ellipse: s-maj=70.1km s-min=-20.9km az=112.0

NEIC 25 15:35:20.1z.3.7.501S:15164E, h124km,23km, mb4.3/2, Error ellipse: s-maj=60.4km s-min=-19.5km az=107.0

ISC 25 15:35:18.3z.4.4.50S:02-1518E, h4112km,29km, n17, 0560/15, mb3.7/6, New Britain region

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

NSSC 25 15:36:32.5, 3861N:3948E, h15km,11km, ISK 25 15:36:33.4, 3841N:3924E, h5km, MD3.1

ISCJB 25 15:36:34.1z.0.4.3837N:003.3928E, h3km, Error ellipse: s-maj=3.7km s-min=3.1km az=156.6

CSEM 25 15:36:34.1z.0.1.3839N:3927E, h5km, MD3.1, Error ellipse: s-maj=2.1km s-min=1.7km az=116.0

DDA 25 15:36:35.5, 3835N:3924E, h3km, MD3.1, Error ellipse: s-maj=2.1km s-min=1.7km az=116.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELZG Elazig, PTK Pertek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELZG Elazig, PTK Pertek, etc.

CSEM 25 15:40:12.7z.0.1.3839N:3923E, h5km, MD3.0, Error ellipse: s-maj=2.7km s-min=1.7km az=147.0

ISCJB 25 15:40:13.0z.0.4.3836N:003.3926E, h4km, Error ellipse: s-maj=4.7km s-min=3.5km az=173.0

ISC 25 15:40:13.0z.0.3839N:3925E, h5km, MD3.0, Error ellipse: s-maj=3.7km s-min=3.1km az=156.6

DDA 25 15:40:14.7, 3831N:3924E, h4km, MD2.9, Error ellipse: s-maj=2.1km s-min=1.7km az=116.0

ISC 25 15:40:13.8z.0.1.3836N:004.3927E, h5km, 8km, n20, 0585/30, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELZG Elazig, PTK Pertek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like THZ Tophouse, KHZ Kahutara, etc.

ISCJB 25 15:48:48.1z.1.5.70S:01x15614E, h0km, h199km, 16km, mb3.8/9, Error ellipse: s-maj=23.5km s-min=12.9km az=169.9

IDC 25 15:48:48.2z.2.688S:15606E, h176km, 22km, mb3.6/8, mb1 3.7/0, mb1mx3.6/17, mbtmp3.6/10, Error ellipse: s-maj=22.1km s-min=16.6km az=127.0

NEIC 25 15:48:49.1z.1.9.680S:15603E, h177km, 20km, mb4.3/2, Error ellipse: s-maj=23.9km s-min=16.7km az=183.0

ISC 25 15:48:49.2z.1.5.69S:01x15610E, h0km, h183km, 14km, n15, 0567/17, mb3.8/9, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, PMG Port Moresby, etc.

IDC 25 15:52:34.1z.59.0, 1506S:17067W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/16, mbtmp3.9/3, Error ellipse: s-maj=1168.0km s-min=206.0km az=79.0, Samoa Islands region

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

25d 17h

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

2007 FEB

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

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

ms1mx3.2/19, Error ellipse: s-maj=23.5km s-min=21.2km az=146.0

NEIC 25 17:36:44.0±2.4, 178S:152.04E, h98km, 22km, Error ellipse: s-maj=22.4km s-min=16.0km az=157.0

ISC 25 17:36:43.7±2.3, 18S:01x15206E, 009, h94km, 22km, n19, az=090/18, mb3.7/8, New Ireland region

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

ISCJB 25 18:03:26.5±2.5, 204S:02x1762W, 03, h349km, 58km, mb3.3/4, Error ellipse: s-maj=48.6km s-min=31.5km az=2-4

NEIC 25 18:03:27.6±1.5, 2047S:176.10W, h349km, 34km, mb4.0/1, Error ellipse: s-maj=32.3km s-min=21.4km az=98.0

ISC 25 18:03:27.1±2.5, 2041S:176.02W, h351km, 63km, mb3.1/3, mb1 3.3/6, mb1mx3.1/17, mbtmp3.2/6, Error ellipse: s-maj=62.5km s-min=26.0km az=97.0

ISC 25 18:03:27.2±1.9, 204S:02x1760W, 03, h355km, 45km, n8, az=084/9, mb3.3/4, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Afiamalu, Sonmigo Array, etc.

ISCJB 25 18:46:12.4±1.1, 173S:01x1774W, 01, h343km, 12km, mb3.9/12, Error ellipse: s-maj=26.7km s-min=10.5km az=143.2

ISC 25 18:46:13.2±1.6, 1723S:17735W, h343km, 17km, mb3.5/9, mb1 3.7/11, mb1mx3.6/19, mbtmp3.5/11, Error ellipse: s-maj=24.9km s-min=11.2km az=141.0

NEIC 25 18:46:14.0±1.0, 1724S:177.41W, h351km, 10km, mb4.1/3, Error ellipse: s-maj=18.2km s-min=8.6km az=142.0

ISC 25 18:46:13.3±1.0, 173S:01x1774W, 01, h338km, 11km, n45, az=078/22, mb3.8/12, 2C, Fiji Islands region

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

ISCJB 25 18:46:13.3±1.0, 173S:01x1774W, 01, h338km, 11km, n45, az=078/22, mb3.8/12, 2C, Fiji Islands region

ISC 25 18:46:13.3±1.0, 173S:01x1774W, 01, h338km, 11km, n45, az=078/22, mb3.8/12, 2C, Fiji Islands region

ISC 25 18:46:13.3±1.0, 173S:01x1774W, 01, h338km, 11km, n45, az=078/22, mb3.8/12, 2C, Fiji Islands region

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

Table with columns: HNF, LOR, SSF, AVF, BGF, TCF, MBDF. Station names and coordinates.

MAN 25 18:56:00, 1817N:12051E, h33km, mb3.5, ML2.2, MS1.7, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Pasuqiu, Dolores, etc.

GUC 25 18:58:13.3±0.5, 3164S:7168W, h25km, 5km, MD3.6, ML2.3, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Los Chungos, Combarbala, etc.

ISC 25 19:15:36.9±1.5, 4718N:15324E, h0km, mb3.7/8, mb1 3.9/10, mb1mx3.7/25, mbtmp3.7/10, ML3.5/2, Error ellipse: s-maj=43.2km s-min=19.8km az=155.0

ISCJB 25 19:15:39.5±2.8, 472N:01x1532E, 02, h31km, 22km, mb3.6/8, Error ellipse: s-maj=26.2km s-min=8.0km az=139.5

MOS 25 19:15:39.6±1.7, 4713N:153.19E, h35km, mb3.7/3, Error ellipse: s-maj=18.4km s-min=9.8km az=60.1

NEIC 25 19:15:39.0±1.0, 4726N:153.15E, h10km, mb3.9/1, Error ellipse: s-maj=32.9km s-min=12.8km az=134.0

ISC 25 19:15:40.9±2.8, 471N:01x1533E, 02, h29km, 22km, n27, az=123/28, mb3.6/9, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Severo-Kuril's, Kuril'sk, etc.

ISCJB 25 19:31:24.5±5.5, 3021S:17935W, h339km, 49km, mb3.6/3, mb1 3.7/4, mb1mx3.5/13, mbtmp3.5/4, Error ellipse: s-maj=51.0km s-min=26.2km az=18.0

ISC 25 19:31:25.1±2.1, 3078S:007x1799E, 02, h376km, 10km, n33, az=121/29, mb3.6/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Matakaoa Point, Puketiti, etc.

ISC 25 19:31:25.1±2.1, 3078S:007x1799E, 02, h376km, 10km, n33, az=121/29, mb3.6/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Matakaoa Point, Puketiti, etc.

Table with columns: THZ, THZ, KHZ, RPZ, STKA, STKA, ASAR, ASAR, WB2, WRA, WRA, VNA3, VNA3, VNA3, VNA2, VNA2, MKAR, ARCES, ARCES, JOF, KAF, FINES, NOB2, NOA, EIL, AKASG, BRTR, TORD, TORD. Station names and coordinates.

ISCJB 25 19:37:40.3±1.0, 4218N:007x8121E, 006, h10km, Error ellipse: s-maj=10.6km s-min=4.8km az=151.9

ISC 25 19:37:40.3±1.0, 4218N:007x8121E, 006, h10km, Error ellipse: s-maj=10.6km s-min=4.8km az=151.9

ISC 25 19:37:40.3±1.0, 4218N:007x8121E, 006, h10km, Error ellipse: s-maj=10.6km s-min=4.8km az=151.9

ISC 25 19:37:40.3±1.0, 4218N:007x8121E, 006, h10km, Error ellipse: s-maj=10.6km s-min=4.8km az=151.9

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

ISCJB 25 19:37:44.7±0.9, 4223N:006x8113E, 005, h10km, n17, az=134/26, 3C-5D, Northern Xinjiang

ISC 25 19:37:44.7±0.9, 4223N:006x8113E, 005, h10km, n17, az=134/26, 3C-5D, Northern Xinjiang

ISC 25 19:37:44.7±0.9, 4223N:006x8113E, 005, h10km, n17, az=134/26, 3C-5D, Northern Xinjiang

ISC 25 19:37:44.7±0.9, 4223N:006x8113E, 005, h10km, n17, az=134/26, 3C-5D, Northern Xinjiang

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

ISCJB 25 19:37:44.7±0.9, 4223N:006x8113E, 005, h10km, n17, az=134/26, 3C-5D, Northern Xinjiang

ISC 25 19:37:44.7±0.9, 4223N:006x8113E, 005, h10km, n17, az=134/26, 3C-5D, Northern Xinjiang

ISC 25 19:37:44.7±0.9, 4223N:006x8113E, 005, h10km, n17, az=134/26, 3C-5D, Northern Xinjiang

ISC 25 19:37:44.7±0.9, 4223N:006x8113E, 005, h10km, n17, az=134/26, 3C-5D, Northern Xinjiang

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

TIF 25 19:38:56.6, 4310N:4606E, h23km, 2km, Error ellipse: s-maj=35.4km s-min=9.9km az=7-2

ISC 25 19:38:56.5±1.6, 4323N:008x4606E, 010, h6km, 5km, n13, az=110/24, 2C-4D, Eastern Caucasus

ISC 25 19:38:56.5±1.6, 4323N:008x4606E, 010, h6km, 5km, n13, az=110/24, 2C-4D, Eastern Caucasus

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









25d 20h

Table with columns for station name, coordinates, and various parameters. Includes stations like MA2 Magadan, SVWZ Sparrevohn, MSNY Massena, etc.

2007 FEB

Table with columns for station name, coordinates, and various parameters. Includes stations like TORO, JIRN, TASN, etc.

912

Table with columns for station name, coordinates, and various parameters. Includes stations like BJT, Beijing, BJI, etc.





Table with columns for station call letters, frequency, time, and other identifiers. Includes stations like LAO, NATX, YAK, etc.

Table with columns for station call letters, frequency, time, and other identifiers. Includes stations like TAZZ, GKN, ACCO, etc.

Table with columns for station call letters, frequency, time, and other identifiers. Includes stations like LSZ, TSUM, KBS, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Castelo Branco, Guadarrama, Vila Bisbo, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OBN Obninsk, KMBQ Kilma Mbojo, BRTR Keskin Array, etc.

Additional text at the bottom right containing specific station data and coordinates, such as 'BUI 25:21:53:10.6, 7349N-639E, h10km, mb5.5, mb5.0, Ms5.2, Ms2.9'.

Mu=0.75±0.02; Mv=0.41±0.07; Best double couple:
M1: 5.50000e+10; N1P1: 233.00000°, 841.00000°,
lambda=72.00000°. NP2: 30.00000°, 851.00000°,
lambda=105.00000°. Principal axes: T 1.5210, P1g5.0000°,
Az=131.00000°; N 0.0600, P1g12.0000°, Azm40.0000°; P
-1.5800, P1g77.0000°, Azm244.0000°; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s.

NEIC 25 21-53:13.6-0.1, 7320N-678E, h10km, mb5.3/157,
M5.5/1/54 Error ellipse: s-maj=3.9km s-min=2.6km
bz=69.0

BER 25 21-53:14.8-3.9, 7321N-691E, h24km, 41km, MD3.1, ML3.8,
ML3.6(N/AO)

SZGRF 25 21-53:27.2, 7225N-807E, h33km, mb5.3, MS4.5,
Norwegian Sea

ISC 25 21-53:13.8-0.1, 7318N-001.677E-006, h10km,
(h15km, 1.6km; p-P), n1082, e1922/1047, mb5.1/244,
M5.5/0/207, 35C-25S, Greenland Sea

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

Main table with columns: Station Name, Az, Az', Op, Phase ID, Time, Res. Lists seismic stations and their parameters.

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













Table with columns: SDV, Santo Domingo, 77.91 260 eP, P, 22 05 11.8 +0.3, comp=Z,1.8nm,0.8s,mb5.0, ePcP, P, 22 05 21.5 +0.1, etc.

Table with columns: APAO, Apatity Array, 10.34 110 Pn, Pn, 21 58 10.9 -0.7, comp=Z,1.2nm,0.6s,mb3.9, KURK, Kurchatov, 37.20 87 eP, P, 22 05 21.1 +0.2, etc.

ISCJBJ 25 21:58:08.6.2.3, 73.16N, 004.70E, 02, h14km, 15km, mb3.9/13, Error ellipse: s-maj=12.3km s-min=6.5km

MOS 25 21:58:08.2.1.4, 73.17N, 68.7E, h10km, mb4.3/6, Error ellipse: s-maj=39.2km s-min=7.8km az=94.3

ISCJBJ 25 21:58:08.5.1.1, 73.22N, 68.3E, h0km, mb3.8/6, mb1 3.9/10, mb1mx3.7/24, mbtmp3.8/10, ML2.9/8, Error ellipse: s-maj=24.9km s-min=15.6km az=56.0

CSEM 25 21:58:09.8.0.4, 73.20N, 67.9E, h10km, mb4.1/8, After NEIC NEIC 25 21:58:09.8.0.4, 73.20N, 67.9E, h10km, mb4.0/9, Error ellipse: s-maj=9.4km s-min=5.4km az=80.0

ISCJBJ 25 21:58:08.9.2.8, 73.19N, 004.69E, 02, h3km, 18km, n67, 0.67172, mb3.9/13, 1C, Greenland Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC, SPB4, Spitsbergen Ar, 5.53 21 ePn, Pn, 21 59 31.3 -0.7, etc.

IDC 25 21:55:40.3.1.9, 73.56N, 6.99E, h0km, mb4.4/5, mb1 4.5/7, mb1mx4.0/22, mbtmp3.6/37, ML3.8/2, Error ellipse: s-maj=32.3km s-min=27.3km az=162.0

ISCJBJ 25 21:55:42.5.0.6, 73.31N, 005.75E, 03, h10km, mb4.3/7, Error ellipse: s-maj=11.8km s-min=7.1km az=0.2

MOS 25 21:55:42.7.1.7, 73.38N, 87.8E, h10km, mb4.5/1, Error ellipse: s-maj=45.4km s-min=10.7km az=95.2

NEIC 25 21:55:43.8.0.6, 73.29N, 70.2E, h10km, mb4.5/2, Error ellipse: s-maj=13.3km s-min=9.0km az=89.0

CSEM 25 21:55:44.4.0.1, 73.12N, 62.4E, h25km, ML2.6, Error ellipse: s-maj=2.8km s-min=2.4km az=106.0

BER 25 21:55:45.2.3.2, 73.23N, 71.4E, h10km, ML2.6(NAO) NAO 25 21:55:47.7.1.6, 73.37N, 87.4E, ML2.6

ISCJBJ 25 21:55:43.6.0.5, 73.27N, 005.69E, 02, h10km, n63, 0.1816/62, mb4.3/7, 1D, Greenland Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC, JMJC, Jan Mayen, 5.25 252 eP, Pn, 21 57 00.5 -1.6, etc.

Table with columns: KURK, Kurchatov, 37.20 87 eP, P, 22 05 21.1 +0.2, comp=Z,1.2nm,0.6s,mb3.9, BILL, Bilibino, 38.37 12 P, P, 22 05 29.6 -0.9, etc.

TIF 25 22:17:32.7, 42.63N, 42.18E, h9km, 2km, ISCJBJ 25 22:17:32.2.0.6, 42.62N, 003.421E, 004, h10km, Error ellipse: s-maj=5.0km s-min=4.4km az=163.8

MOS 25 22:17:35.0.1.1, 42.65N, 42.18E, h17km, mb3.9/1, Error ellipse: s-maj=14.4km s-min=9.5km az=135.0

ISCJBJ 25 22:17:32.8.0.6, 42.63N, 003.421E, 004, h10km, n22, 0.1506/33, 3C-3D, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC, ONI, Oni, 0.97 93 Op, ISC, 22 17 51.0 -0.6, etc.

ISCJBJ 25 22:35:04.0.1.1, 28.77S, 007.1763W, 0.1, h96km, 9km, mb4.1/10, Error ellipse: s-maj=16.0km s-min=9.1km az=26.7

NEIC 25 22:35:04.3.1.3, 28.73S, 17.631W, h75km, h10km, mb4.5/3, Error ellipse: s-maj=17.9km s-min=10.3km az=144.0

IDC 25 22:35:05.4.3.2, 28.07S, 17.676W, h60km, 2.7km, mb3.9/8, mb1 4.2/8, mb1mx4.1/2, mbtmp3.9/8, MS3.4/2, Ms1 3.4/2, ms1mx3.0/24, Error ellipse: s-maj=23.8km s-min=23.8km az=143.0

ISCJBJ 25 22:35:04.9.1.1, 28.74S, 007.17629W, 010, h86km, 9km, n45, 0.1907/28, mb4.1/10, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC, RAO, Raoul Island, 1.52 250 Op, ISC, 22 35 50.0 0.0, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, AML Almayshu, ARCES ARCESS Array B, etc.

ISCJB 25 22:53:30.2.2.9, 65S:02:1470E:02, h104km, 26km, mb3.6/4, Error ellipse: s-maj=32.1km s-min=27.2km

NEIC 25 22:53:30.8.2.3, 644S:1470E, h94km, 21km, mb4.0/1, Error ellipse: s-maj=23.4km s-min=20.2km az=79.0

ISC 25 22:53:30.6.5.9, 647S:1470E, h98km, 45km, mb3.4/3, mb1 3.6/5, mb1mx3.1/5, mbtmpt3.5/5, Error ellipse: s-maj=54.9km s-min=48.2km az=77.0

ISC 25 22:53:31.5.2.9, 65S:02:1470E:02, h99km, 26km, n12, c085/13, mb3.6/4, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 25 22:55:26.2.0.7, 06S:01:1274E:02, h10km, mb3.9/6, Error ellipse: s-maj=20.6km s-min=10.6km az=158.2

ISC 25 22:55:27.2.1.4, 06S:01:1274E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.7/16, mbtmpt3.7/4, Error ellipse: s-maj=131.6km s-min=21.0km az=69.0

NEIC 25 22:55:28.3.0.5, 061S:12738E, h10km, mb4.3/3, Error ellipse: s-maj=23.2km s-min=7.4km az=69.0

ISC 25 22:55:28.5.0.7, 06S:01:1273E:02, h10km, n15, c085/15, mb3.9/6, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KKM Kota Kinabalu, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

ISC 25 23:01:55.4.2.3, 06S:12740E, h0km, mb3.1/3, mb1 3.4/3, mb1mx3.3/16, mbtmpt3.2/3, Error ellipse: s-maj=195.8km s-min=27.5km az=6.0, Halmahera

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.

NEIC 25 23:04:30.8.1.0, 231S:17380W, h10km, mb4.6/2, Error ellipse: s-maj=23.2km s-min=15.3km az=111.0

ISCJB 25 23:04:31.9.1.1, 230S:01:1737W:02, h33km, mb4.4/6, Error ellipse: s-maj=25.1km s-min=15.6km az=27.0

ISC 25 23:04:31.1.29.0, 2320S:01:1739W, h0km, mb4.1/4, mb1 4.2/4, mb1mx4.0/14, mbtmpt4.1/4, MS3.6/2, Ms1 3.6/2, ms1mx3.0/29, Error ellipse: s-maj=53.5km s-min=14.2km az=80.0

ISC 25 23:04:34.0.1.0, 231S:01:1737W:02, h35km, n17, c111/14, mb4.4/6, Tonga Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, AFI Afiamalu, SNZO South Karori, etc.

CSEM 25 23:11:31.0.7, 7306N:599E, h1km, ML2.8, After NAO

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

IDC 25 23:12:24.8.0.5, 7315N:657E, h0km, mb4.2/16, mb1 4.3/22, mb1mx4.2/28, mbtmpt4.2/22, ML4.0/6, MS4.2/26, Ms1 4.2/26, ms1mx4.1/37, Error ellipse: s-maj=15.3km s-min=9.9km az=45.0

NAO 25 23:12:25.3.2.1, 7316N:738E, ML3.1, ISCBJ 25 23:12:25.3.0.2, 7328N:002:726E:09, h10km, mb4.6/97, MS4.1/40, Error ellipse: s-maj=3.9km s-min=2.9km az=153.7

MOS 25 23:12:25.3.0.9, 7332N:687E, h10km, mb4.9/51, Error ellipse: s-maj=20.6km s-min=3.3km az=92.7

BUI 25 23:12:25.1, 7330N:690E, h10km, mb5.2, mb4.7, Ms4.8, MS4.5

BER 25 23:12:26.8.3.7, 7318N:689E, h10km, MD3.2, ML3.0, ML3.1(NAO)

CSEM 25 23:12:26.7.0.0, 7331N:652E, h25km, mb4.8/51, MS3.7, MW4.9, Error ellipse: s-maj=1.5km s-min=1.2km az=68.0

GCMT 25 23:12:27.1.0.3, 7329N:680E, h12km, MW4.9/76, Moment Tensor Solution, s15,c18; s76,c11; Duration: 0.00109; Moment: Scale 10^16Nm; Mr=2.67; 09; Mw=1.06; 09; Mm=1.60; 08; Mx=0.86; 35; Mz=1.36; 07; Mv=1.09; 35; Best double couple: M2.99600x10^16

NP1.0x240.00000, 0.646.00000, A=57.00000, NP2: 0x177.00000, 853.00000, A=119.00000 - Principal axes: T 2.7360, Plg4.0000, Azm128.0000, N 0.2000, Plg3.0000, Azm36.0000, P -3.2570, Plg67.0000, Azm226.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

NEIC 25 23:12:27.1.0.2, 7325N:689E, h10km, mb4.8/54, Error ellipse: s-maj=5.1km s-min=3.3km az=65.0

SZGRF 25 23:12:31.5, 7320N:724E, h33km, mb5.1, MS3.7, Greenland Sea

HEL 25 23:12:33.6.0.9, 7284N:792E, h10km, ML4.0, mb4.8(NEIC), ML3.1(BEF)

ISC 25 23:12:27.3.0.2, 7324N:002:712E:009, h10km, (h21km, 3.9km, P-P), n44.2, s19:1640, mb4.6/97, MS4.1/40, 17C-10D, Greenland Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TRO Tromso, TRO Tromso, TRO Tromso, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SGF comp=Z, 8.3nm, 20s, Namsos, Namsos, Namsos, etc.









Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 25 23:34:09.0.3.1, 864S-10759E, h0km, mb3.4/4, mb1 3.6/4, mb1 4.6/21, mb1 mx4.6/25, mbtmp3.4/4, Error ellipse: s-maj=131.3km s-min=23.3km az=0.1, Jawa s-min=7.0km az=139.5



Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GTA, CD2, GYA, KMI, etc.

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

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

ISC 26 01:14:20.0, 0.6, 7318N, 005°76'E, h0km, mb3.3/5, Error ellipse: s-maj=8.8km s-min=6.0km az=148.8

CSEM 26 01:14:21.5, 0.1, 7313N, 64.2E, h10km, MB3.0, L, Error ellipse: s-maj=3.9km s-min=2.8km az=70.0

NAO 26 01:14:21.2, 2.3, 7312N, 73.1E, M2.7, Error ellipse: s-maj=9.9km s-min=6.6km az=65.0

NEIC 26 01:14:21.1, 1.2, 7307N, 69.9E, h0km, mb3.5/5, mb1.3/7.9, Error ellipse: s-maj=16.2km s-min=16.2km az=34.0

HEL 26 01:14:22.8, 3.9, 7311N, 68.8E, h10km, ML2.2, M2.7(NAO), Error ellipse: s-maj=16.2km s-min=16.2km az=34.0

ISC 26 01:14:20.0, 0.6, 7318N, 005°76'E, h0km, mb3.3/5, Error ellipse: s-maj=8.8km s-min=6.0km az=148.8

ISC 26 01:14:26.3, 0.8, 7286N, 006°79'E, h10km, n72, e097/86, mb3.3/5, Norwegian Sea

ISC 26 01:14:26.3, 0.8, 7286N, 006°79'E, h10km, n72, e097/86, mb3.3/5, Norwegian Sea

ISC 26 01:14:26.3, 0.8, 7286N, 006°79'E, h10km, n72, e097/86, mb3.3/5, Norwegian Sea

ISC 26 01:14:26.3, 0.8, 7286N, 006°79'E, h10km, n72, e097/86, mb3.3/5, Norwegian Sea

ISC 26 01:14:26.3, 0.8, 7286N, 006°79'E, h10km, n72, e097/86, mb3.3/5, Norwegian Sea

ISC 26 01:14:26.3, 0.8, 7286N, 006°79'E, h10km, n72, e097/86, mb3.3/5, Norwegian Sea

ISC 26 01:21:29.1, 9.1, 109N, 125.96E, h0km, mb3.9/5, mb1.4/1.6, Error ellipse: s-maj=96.8km s-min=17.5km az=70.0

NEIC 26 01:21:23.4, 0.7, 108N, 125.94E, h10km, Error ellipse: s-maj=54.8km s-min=9.5km az=69.0

ISC 26 01:21:24.9, 0.9, 10N, 02°125'E, h0.5, h33km, mb3.9/5, Error ellipse: s-maj=17.1km s-min=12.9km az=159.8

ISC 26 01:21:27.1, 0.9, 10N, 02°125'E, h0.5, h35km, n8, e0931/8, mb3.9/5, Northern Molucca Sea

ISC 26 01:21:27.1, 0.9, 10N, 02°125'E, h0.5, h35km, n8, e0931/8, mb3.9/5, Northern Molucca Sea

ISC 26 01:21:27.1, 0.9, 10N, 02°125'E, h0.5, h35km, n8, e0931/8, mb3.9/5, Northern Molucca Sea

ISC 26 01:14:20.0, 0.6, 7318N, 005°76'E, h0km, mb3.3/5, Error ellipse: s-maj=8.8km s-min=6.0km az=148.8

CSEM 26 01:14:21.5, 0.1, 7313N, 64.2E, h10km, MB3.0, L, Error ellipse: s-maj=3.9km s-min=2.8km az=70.0

NAO 26 01:14:21.2, 2.3, 7312N, 73.1E, M2.7, Error ellipse: s-maj=9.9km s-min=6.6km az=65.0

NEIC 26 01:14:21.1, 1.2, 7307N, 69.9E, h0km, mb3.5/5, mb1.3/7.9, Error ellipse: s-maj=16.2km s-min=16.2km az=34.0

HEL 26 01:14:22.8, 3.9, 7311N, 68.8E, h10km, ML2.2, M2.7(NAO), Error ellipse: s-maj=16.2km s-min=16.2km az=34.0

ISC 26 01:15:43.2, 0.7, 7319N, 006°82'E, h10km, mb3.6/4, MS3.8/2, Error ellipse: s-maj=10.3km s-min=5.9km az=137.9

ISC 26 01:15:44.0, 1.4, 7318N, 72.1E, h0km, mb3.6/4, mb1.3/7.8, mb1mx3.5/24, mbmp3.6/8, ML3.3/4, MS3.4/6, M1 3.4/6, ms1mx3.1/35, Error ellipse: s-maj=17.1km s-min=17.1km az=30.0

CSEM 26 01:15:44.7, 0.4, 7313N, 67.5E, h5km, ML2.4, Error ellipse: s-maj=18.9km s-min=6.8km az=84.0

HEL 26 01:15:46.5, 0.8, 7324N, 79.7E, h10km, ML2.4(BER), ML2.4(NAO), Error ellipse: s-maj=18.9km s-min=6.8km az=84.0

ISC 26 01:15:45.8, 0.7, 7322N, 006°81'E, h10km, n43, e144/49, mb3.6/4, MS3.8/2, Greenland Sea

ISC 26 01:27:40.8, 1.4, 0.53S, 127.40E, h0km, mb3.7/6, mb1.3/9.6, mb1mx3.8/16, mbmp3.9/6, ML4.0/1, Error ellipse: s-maj=96.8km s-min=17.5km az=70.0

NEIC 26 01:21:23.4, 0.7, 108N, 125.94E, h10km, Error ellipse: s-maj=54.8km s-min=9.5km az=69.0

ISC 26 01:21:24.9, 0.9, 10N, 02°125'E, h0.5, h33km, mb3.9/5, Error ellipse: s-maj=17.1km s-min=12.9km az=159.8

ISC 26 01:21:27.1, 0.9, 10N, 02°125'E, h0.5, h35km, n8, e0931/8, mb3.9/5, Northern Molucca Sea

ISC 26 01:21:27.1, 0.9, 10N, 02°125'E, h0.5, h35km, n8, e0931/8, mb3.9/5, Northern Molucca Sea

ISC 26 01:27:42.4, 0.9, 060S, 127.29E, h10km, Error ellipse: s-maj=146.0km s-min=11.9km az=68.0, Halmahera

ISC 26 01:14:20.0, 0.6, 7318N, 005°76'E, h0km, mb3.3/5, Error ellipse: s-maj=8.8km s-min=6.0km az=148.8

CSEM 26 01:14:21.5, 0.1, 7313N, 64.2E, h10km, MB3.0, L, Error ellipse: s-maj=3.9km s-min=2.8km az=70.0

NAO 26 01:14:21.2, 2.3, 7312N, 73.1E, M2.7, Error ellipse: s-maj=9.9km s-min=6.6km az=65.0

NEIC 26 01:14:21.1, 1.2, 7307N, 69.9E, h0km, mb3.5/5, mb1.3/7.9, Error ellipse: s-maj=16.2km s-min=16.2km az=34.0

HEL 26 01:14:22.8, 3.9, 7311N, 68.8E, h10km, ML2.2, M2.7(NAO), Error ellipse: s-maj=16.2km s-min=16.2km az=34.0

ISC 26 01:15:43.2, 0.7, 7319N, 006°82'E, h10km, mb3.6/4, MS3.8/2, Error ellipse: s-maj=10.3km s-min=5.9km az=137.9

ISC 26 01:15:44.0, 1.4, 7318N, 72.1E, h0km, mb3.6/4, mb1.3/7.8, mb1mx3.5/24, mbmp3.6/8, ML3.3/4, MS3.4/6, M1 3.4/6, ms1mx3.1/35, Error ellipse: s-maj=17.1km s-min=17.1km az=30.0

CSEM 26 01:15:44.7, 0.4, 7313N, 67.5E, h5km, ML2.4, Error ellipse: s-maj=18.9km s-min=6.8km az=84.0

HEL 26 01:15:46.5, 0.8, 7324N, 79.7E, h10km, ML2.4(BER), ML2.4(NAO), Error ellipse: s-maj=18.9km s-min=6.8km az=84.0

ISC 26 01:15:45.8, 0.7, 7322N, 006°81'E, h10km, n43, e144/49, mb3.6/4, MS3.8/2, Greenland Sea

ISC 26 01:27:40.8, 1.4, 0.53S, 127.40E, h0km, mb3.7/6, mb1.3/9.6, mb1mx3.8/16, mbmp3.9/6, ML4.0/1, Error ellipse: s-maj=96.8km s-min=17.5km az=70.0

NEIC 26 01:21:23.4, 0.7, 108N, 125.94E, h10km, Error ellipse: s-maj=54.8km s-min=9.5km az=69.0

ISC 26 01:21:24.9, 0.9, 10N, 02°125'E, h0.5, h33km, mb3.9/5, Error ellipse: s-maj=17.1km s-min=12.9km az=159.8

ISC 26 01:21:27.1, 0.9, 10N, 02°125'E, h0.5, h35km, n8, e0931/8, mb3.9/5, Northern Molucca Sea

ISC 26 01:21:27.1, 0.9, 10N, 02°125'E, h0.5, h35km, n8, e0931/8, mb3.9/5, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chichi jima, Warramunga Arr, Ashikaga, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UPC Upice, NKC Novy Kostel, DPC Dobruška-Polom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, IRI IRI, IJJI Ishigaki jima, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, JSE Soyuz, JFR Furu, etc.

Table with columns: TXAR Lajitas Array, TXAR Lajitas Array. Includes error ellipse data.

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

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

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

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

Table with columns: BRG, CCL, CLZ, CLZ, FBE, FBE, IBBN, VYHNS, VYHNS, KOLL, KOLL, GZR, WERD, BZS, WERN, WERN, KHC, KHC, KHC, GERES, GERES, GERES, GERES, GRB3, GRB3, CMCH, CMCH, CMCH, CMCH, RCDM, RCDM, RCDM, RCDM, TACH, TACH, FSR, ANTU, ANTU, ANTU, ANTU, ANTU, ANTU, FCH, FCH, FCH, PCH, OVCH, OVCH, OVCH, OVCH, CHCH, TLL, TLL, TLL, LCO, LCO, WRA, WB2, ASAR, MKAR, MKAR, CHCH, CHCH, LNV, TACH, TACH, SJCH, SJCH, PCH, ANTU, ANTU, ANTU, ANTU, RCDM, RCDM, RCDM, RCDM, FSR, FSR, FCH, FCH, FCH, CCHI, CCHI, CCHI

NEIC 26 02:53:10.6, 3233Sx7193W, h45km, MD3.9(GUC), After GUC

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

IDC 26 03:03:11.2-2.7, 082N-12726E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/16, mbtmp3.6/3, Error ellipse: s-maj=252.2km s-min=26.5km az=66.0, Halmahera

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

NEIC 26 03:10:51.9, 3515S, 7063W, h37km, MD4.0(GUC), After GUC

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

Table with columns: CCHI, CCHI, PEL, PEL, COCH, COCH, COCH, COCH, JTS, NIED, MOS, ISCJB, IDC, BUI, JMA, NEIC, ISC, JHU, JHU, JHU, JHU, JKO, JKO, JIZ, JIZ, BSO, BSO, BSO, BSO, JOD, JOD, MJAR, MJAR, MAJO, MAJO, MAT, MAT, CBJ, CBJ, JNU, JNU, KSR, KSR, ASAJ, ASAJ, ASAJ, ASAJ, ASAJ, ASAJ, MDJ, MDJ, YNS, YNS, KLR, KLR, KLR, KLR, HIA, HIA, HIA, HIA, SONM, SONM, BOD, BOD, BOD, BOD, ZAK, ZAK, TLY, TLY, TIXI, TIXI, ZALV, ZALV, ZALV, ZALV, ZALV, ZALV, NVS, NVS, MKR, MKR, MKR, MKR, KURK, KURK, KURK, KURK, FITZ, FITZ, FITZ, FITZ, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, INK, INK, FORT, FORT, STKS, STKS, JOF, JOF, FINES, FINES, JMJC, JMJC, HFS, HFS, NOA, NOA

Table with columns: BRTR, TXAR, TXAR, TORD, TORD, LPAZ, LPAZ, LPAZ, LPAZ, NEIC, GUC, Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC

NEIC 26 03:17:06.4, 3286Sx7031W, h95km, MD3.7(GUC), After GUC

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

NEIC 26 02:53:10.6, 3233Sx7193W, h45km, MD3.9(GUC), After GUC

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

CSEM 26 03:23:39.7-0.1, 4068N-3536E, h2km, MD2.8, Error ellipse: s-maj=1.1km s-min=1.3km az=148.0

ISCJB 26 03:23:40.1-0.6, 4065N-3535E-007, h2km, Error ellipse: s-maj=7.9km s-min=4.7km az=28.3

DDA 26 03:23:40.0, 4066N-3537E, h8km, 1km, MD2.8

ISC 26 03:23:40.8-0.7, 4066N-3538E, h3km, MD2.7

ISC 26 03:23:40.8-0.7, 4066N-3538E-007, h1km, 11km, n16, e0519.9, Turkey

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

NEIC 26 03:24:49.8, 1791N-6832W, h90km, MD3.5(RSPR), After RSPR

RSPR 26 03:24:49.8, 1791N-6832W, h90km, MD3.5/6, MD3.5/6, 9C-1D, Mon Passage

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

GCMT 26 03:33:04.3-0.3, 2907Sx17671W, h30km, MW5.1/60, Moment Tensor Solution

NEIC 26 03:33:04.3-0.3, 2907Sx17671W, h30km, MW5.0/5, Error ellipse: s-maj=2.1km s-min=11.9km az=147.0

ISCJB 26 03:33:06.5-1.4, 2936S-007, 177.1W-0.1, h71km, 9km, mb4.5/14, Error ellipse: s-maj=20.1km s-min=11.9km az=12.6

IDC 26 03:33:06.4-1.9, 2894Sx17709W, h48km, 15km, mb4.2/9, mb1 4.4/10, mb1mx4.4/13, mbtmp4.2/10, ML4.2.1, MS4.5/14, Ms1 4.5/14, ms1mx4.2/21, Error ellipse: s-maj=26.0km s-min=21.8km az=154.0

ISC 26 03:33:06.2-1.7, 2939S-007, 177.0W-0.1, h57km, 12km, n68, e1903/33, mb4.6/14, MS4.5/12, 1C-7D, Kermadec Islands

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAOU Raoul Island, URZ Urewera, MRZ Mangatainaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ACX Acapulco, CAIG El Cayaco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLIG Yautepac, YAIG Yautepac, VHO Vista Hermosa, etc.

ISCJB 26 03:59:46.3e.1.2, 4.73S:0.05:81.20W:0.08, h57km, 13km, mb4.2/1.0, Error ellipse: s-maj=13.2km s-min=7.1km az=159.3

ISC 26 03:59:49.0e.2.7, 4.78S:8.106W, h68km, 27km, mb3.7/8, mb1.4/1.2, mb1mx4.0/1.9, mbtmp3.9/12, MS3.5/4, Ms1.3,5/4, ms1mx3.2/2.2, Error ellipse: s-maj=29.5km s-min=16.6km az=58.0

NEIC 26 03:59:48.5e.0.9, 4.76S:8.15W, h61km, 9km, mb4.6/3, mb1.3/1.1, Error ellipse: s-maj=12.1km s-min=7.2km az=57.0

ISC 26 03:59:48.5e.0.9, 4.73S:0.05:81.17W:0.07, h59km, 11km, n33, c087/26, mb4.2/1.0, C, Near coast of northern Peru

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCRV Puerto La Cruz, SIV San Ignacio, TXAR Lajitas Array, etc.

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

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

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

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

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

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

NIED 26 05:06:00, 34.20N:135.20E, h5km, Mw3.4 Best double couple: Mb1.4000x1014, N1P1:0.357:0.0000, 0.45:0.0000, 1.63:0.0000, NP2:0.207:0.0000, 0.89:0.0000, 1.11:0.0000, ISCJB 26 05:06:07.6e.0.4, 34.15N:0.03:135.13E:0.03, h10km, mb3.3/4, Error ellipse: s-maj=3.8km s-min=3.3km az=23.6

IDD 26 05:06:07.7e.1.1, 34.09N:135.15E, h0km, mb3.5/4, mb1.3/7.8, mb1mx3.5/2.6, mbtmp3.6/8, ML3.5/4, Error ellipse: s-maj=13.4km s-min=13.4km az=146.0

NEIC 26 05:06:08.1, 34.17N:135.16E, h6km, MG3.7(JMA), After JMA

JMA 26 05:06:08.0, 34.17N:135.16E, h6km, m3, M3.6 Broadband fault plane solution: P waves. NP1: 0.345:0.0000, 0.47:0.0000, 1.48:0.0000, NP2: 0.218:0.0000, 0.58:0.0000, 1.25:0.0000, Principal axes: T P1:0.0000, 0.67:0.0000, N P1:2.0000, P P1:2.0000, JMA Felt II, JMA Felt II, JMA Felt II

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

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

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

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

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







Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PVCC, Panska Ves, Pioggiola, Grand Maison, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SMRF, Simiane la Rot, SFTF, WLF, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LFF, La Frestale, MFF, Saint Martin, etc.





Table with columns: Code, Station Name, Az, El, P, S, Res. Includes entries like MOIG Matias Romero, CMIG Matias Romero, LVIG Laguna Verde, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes entries like TMUT Trail Mountain, T11A Corn Creek, BLMC Laguna Peak, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes entries like BJI, BJJ, BJJ comp=N,31nm,24.2s,MS4.1, etc.

KRSC 26 06:58:38.0±1.0, 5282N, 16134E, h17km, 17km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes entries like SPN Mys Shipunovs, SPN NLC Nalychtchevo, NLC AVH, etc.

IDC 26 07:13:30.7±1.0, 4721N, 15647E, h0km, mb3.7/8, mb1.3/9.9, mb1mx3.7/23, mbtmp3.7/9, ML3.7/1, Error ellipse: s-maj=30.3km s-min=21.2km az=149.0

MOS 26 07:13:36.2±1.6, 4733N, 15596E, h56km, mb4.1/8, Error ellipse: s-maj=23.0km s-min=13.2km az=85.2

ISC 26 07:13:36.3±0.9, 473N, 01:1563E, h35km, n22, r=102/23, mb3.9/11, MS3.6/2, East of Kuril Islands

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes entries like SKR Severo-Kuril's, SKR ASAHIKAWA, ASAJ Asahikawa, etc.

IDC 26 07:17:34.5±1.1, 2040S, 17594W, h0km, mb3.9/6, mb1.4/1.7, mb1mx4.0/16, mbtmp3.9/7, ML4.2/2, MS3.1/1, Ms1.3/1.1, ms1mx2.6/24, Error ellipse: s-maj=44.1km s-min=20.0km az=132.0

NEIC 26 07:17:36.3±0.8, 2056S, 17582W, h15km, Error ellipse: s-maj=30.3km s-min=12.9km az=118.0

ISCJB 26 07:17:37.4±1.0, 2083S, 01:1759W, h2.3km, mb3.9/6, Error ellipse: s-maj=28.1km s-min=15.7km az=21.2

ISC 26 07:17:38.0±0.8, 206S, 01:1758W, h2.3km, n18, r=138/12, mb3.9/6, Tonga Islands







Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NB2, NOA, NOARSAR, etc.

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

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









NOA	NORSAR Array B	84.27	29	LR	LR	11 29 27.7
ASAR	Allice Springs	141.09	244	PKP	PKPdf	11 01 57.7 -0.6
WRA	Warramunga Arr	141.48	228	PKP	PKPdf	11 01 59.4 +0.2

IDC 26 11:14:29.0-8.3, 3294N:9026E, h0km, mb3.9/10, mb1 4.0/12, mb1mx3.8/22, mbtmp3.8/12, ML3.4/2, MS3.4/4, Ms1 3.4/4, ms1mx3.1/30, Error ellipse: s-maj=34.1km s-min=18.7km az=45.0

ISCJB 26 11:14:29.6-1.8, 3312N:009.903E.01, h45km, 18km, mb3.9/10, MS3.6/2, Error ellipse: s-maj=20.7km s-min=14.3km az=178.1

ISC 26 11:14:32.3-1.4, 3312N:009.903E.01, h51km, 15km, n18, c057157, mb3.9/10, MS3.6/2, Qinghai

Code	Station Name	A°	AZ°	Phase ID	Time Res
					h m s ISC
TAPN	Taplejung	6.18	202	eP	11 16 01.1 +0.1
JIRN	Jiri	6.51	214	eP	11 16 06.3 +0.8
ODAN	Odare	6.74	203	eP	11 16 07.8 -0.8
KKN	Kakan	6.87	221	eP	11 16 10.5 +0.1
GKN	Gorkha	7.08	225	eP	11 16 13.4 +0.2
MKAR	Makanchi Array	14.97	338	Pn	11 17 58.2 -2.3
MKAR	Makanchi Array	19.06	35	P	11 18 52.7 +1.3
SONM	Songino Array	19.06	35	P	11 18 52.7 +1.3
SONM	Songino Array	19.06	35	P	11 18 52.7 +1.3
AKTO	Aktyubinsk	29.35	316	LR	11 33 39.9
BRTR	Bretherton	45.44	295	P	11 22 46.2 +0.1
AKASG	Main Array Be	47.34	311	P	11 23 01.0 +0.2
FINES	FINES Array B	49.30	325	P	11 23 15.9 +0.1
NOA	NORSAR Array B	56.48	325	P	11 24 08.5 -0.2
GERES	GERES Array B	57.55	310	P	11 24 17.0 +0.5
GERES	GERES Array B	57.55	310	P	11 24 17.0 +0.5
WRA	Warramunga Arr	67.45	135	P	11 25 21.6 -1.2
ASAR	Allice Springs	70.10	138	P	11 25 39.2 0.0
TORD	Torodi Ar. Bea	81.81	280	P	11 26 46.3 +0.1
YKA	Yellowknife Ar	82.63	11	P	11 26 49.3 -0.4
SCHO	Schefferville	90.22	347	P	11 27 27.7 +0.7

JMA 26 11:47:46.7-0.5, 3193N:13831E, h377km, M3.5, ISCJB 26 11:47:47.3-0.7, 3207N:008.13825E.007, h379km, 5km, mb3.3/13, Error ellipse: s-maj=12.9km s-min=8.6km az=153.5

IDC 26 11:47:48.5-1.2, 3202N:13795E, h371km, 11km, mb3.2/13, mb1 3.3/17, mb1mx3.3/25, mbtmp3.2/17, Error ellipse: s-maj=17.0km s-min=13.0km az=84.0

ISC 26 11:47:48.5-0.7, 3211N:008.13822E.007, h372km, 5km, n35, c1914/49, mb3.3/13, Southeast of Honshu

Code	Station Name	A°	AZ°	Phase ID	Time Res
					h m s ISC
JIE	Ise	2.61	331	eP	11 48 47.3 +1.1
JIE	Ise	2.61	331	eP	11 49 33.6 +0.9
JKN2	Miekihoku	2.68	323	Pn	11 48 47.0 +0.2
HMMU	Hamamatsu 2	2.77	351	Pn	11 48 49.0 +1.5
JWY	Kouya	3.03	314	P	11 48 50.4 +0.6
JWY	Kouya	3.03	314	P	11 49 37.8 -1.5
JOD2	Odawara 2	3.25	313	Pn	11 48 52.1 +0.7
JOD2	Odawara 2	3.25	313	Pn	11 49 44.6 +2.4
BSO3	Boso 3	3.30	35	Pn	11 48 51.7 -0.4
BSO3	Boso 3	3.30	35	Pn	11 49 43.0 -0.4
BSO4	Boso 4	3.37	31	Pn	11 48 53.0 +0.3
BSO4	Boso 4	3.37	31	Pn	11 49 44.3 -0.3
JYN	Shimob	3.39	4	Pn	11 48 54.4 +1.5
BSO1	Boso 1	3.43	42	Pn	11 48 53.0 -0.3
BSO1	Boso 1	3.43	42	Pn	11 49 44.6 -1.0
JAI	Aioi	3.59	299	Pn	11 48 54.5 -0.3
JHU	Hanno	3.84	13	Pn	11 48 56.9 -0.2
JRY	Ryogami san	3.94	8	Pn	11 48 59.1 +1.0
JRY	Ryogami san	3.94	8	Pn	11 49 55.6 +1.2
JYT	Yasato	4.42	21	Pn	11 49 02.0 +0.5
JYT	Yasato	4.42	21	Pn	11 50 00.3 -3.0
MJAR	Matsushiro Arr	4.42	360	Pn	11 49 03.4 +0.4
MJAR	Matsushiro Arr	4.42	360	Pn	11 49 03.4 +0.4
MAT	Matsushiro	4.42	360	Pn	11 50 03.9 +0.6
MAT	Matsushiro	4.42	360	Pn	11 49 03.4 +0.4
MAT	Matsushiro	4.42	360	Pn	11 50 03.5 +0.2
HATC	Ashikaga	4.42	13	Pn	11 49 02.7 -0.3
JAG	Hitachi	4.89	23	Pn	11 50 08.8 -2.5
JHO	Hitachi	4.89	23	Pn	11 49 06.9 -1.0
JHO	Hitachi	4.89	23	Pn	11 50 08.4 -3.8
JFK	Kawauchi	5.68	22	Pn	11 49 16.4 0.0
JFK	Kawauchi	5.68	22	Pn	11 50 24.5 -3.3
JNU	Nakatsu	6.28	281	Pn	11 49 22.8 -0.4
KSR5	Korea Arr	10.01	305	Pn	11 50 06.8 +0.3
ASAJ	Asahikawa	12.47	15	P	11 50 36.9 +2.6
SONM	Songino Array	28.75	312	P	11 53 13.3 +0.1
ZALV	Zalesovo Beam	43.47	316	P	11 55 14.5 -1.8
MKAR	Makanchi Array	44.69	306	Pn	11 55 25.0 -0.9
MKAR	Makanchi Array	44.69	306	Pn	11 52 00.16 +0.7
WRA	Warramunga Arr	51.89	185	P	11 56 19.2 -1.3
ASAR	Allice Springs	55.61	185	P	11 56 46.4 -0.7
ARCES	ARCES Array B	67.67	339	P	11 58 06.2 0.0
YKA	Yellowknife Ar	69.38	28	P	11 58 18.4 +1.6
FINES	FINES Array B	71.93	332	P	11 58 31.8 -0.2
AKASG	Main Array Be	76.55	322	P	11 58 56.9 -1.7
NB2	NORSAR Subarra	77.67	337	P	11 59 04.2 -0.4
NOA	NORSAR Array B	77.67	337	P	11 59 04.5 -0.1
NVAR	Mina Array Bea	80.09	311	P	11 59 20.3 +2.2
BRTR	Keskin Array B	80.10	311	P	11 59 18.1 0.0
TXAR	Lajitas Array	95.24	51	P	12 00 33.2 +2.1

NEIC 26 12:19:54.4, 4060N:12487W, h0km, mb5.2/52, MS5.0/101, MW5.4(BRK), After NECD.

NEIC Felt (V) at Bayside, Eureka, Ferndale, Loleta and Petrolia; (III) at Arcata, Blue Lake, Fortuna, Garberville, Hydesville, Kneeland, McKinleyville, Trinidad and Whetstone; (II) at Oakland, Petaluma, Rio Dell and San Francisco. Felt at Alameda, Anderson, Angels Camp, Berkeley, Boulder Creek, Carlotta, Concord, Crescent City, Dublin, El Sobrante, Fairfield, Fort Bragg, Fremont, Hoopa, Inverness, Kenwood, Mountain View, Myers Flat, Orick, Pleasonton, Redding, Redwood City, Richmond, Sacramento, Samoa, San Jose, San Leandro, Santa Clara, Santa Cruz, Santa Rosa, Shingle Springs, Union City, Willow Creek and Yreka. Also felt at Reno, Nevada.

BUJ 26 12:19:54.4, 4060N:12490W, h1km, mb5.3, mb4.8, Ms5.2, Ms2.8

GCMT 26 12:19:54.5-0.2, 4063N:12490W, h16km, MW5.4/98, Moment Tensor Solution: s76.c135; s98.c196; Duration: 1s3 Moment tensor: Scale 10<sup>17</sup>Nm; M<sub>xx</sub>-0.14±.02; M<sub>yy</sub>-1.37±.03; M<sub>zz</sub>1.51±.03; M<sub>xy</sub>0.14±.04; M<sub>yz</sub>0.93±.02; M<sub>xz</sub>0.07±.04; Best double couple: Mo=1.72200×10<sup>17</sup> Np1=0.331.00000°, δ85.00000°, λ-179.00000°. NP2=0.241.00000°, δ89.00000°, λ-5.00000°. Principal axes: T 1.7910, Pigs 0.0000°, Azm287.0000°, N -0.1320, Pigs5.0000°, Azm53.0000°, P -1.6540, Pigs4.0000°, Azm 96.0000°, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 26 12:19:55.0-0.2, 4065N:001x12470W:002, h10km, mb4.9/87, MS4.9/131, Error ellipse: s-maj=2.3km s-min=1.3km az=161.4

MOS 26 12:19:55.6-1.0, 4063N:12471W, h10km, mb5.3/34, MS5.0/36, Error ellipse: s-maj=5.7km s-min=5.2km az=38.1

IDC 26 12:19:56.9-0.6, 4077N:12442W, h0km, mb4.6/23, mb1 4.6/27, mb1mx4.6/30, mbtmp4.6/27, ML4.3/6, MS4.8/26, Ms1 4.8/26, ms1mx4.7/30, Error ellipse: s-maj=12.9km s-min=7.4km az=46.0

SZGRF 26 12:20:04.4, 4094N:12435W, h25km, mb5.1, MS5.1, Near coast of northern California, United States

ISC 26 12:19:58.5-0.6, 4065N:001x12470W:002, h17km, 3km, h21km, 2.4km, p-P, n694, c1s21/668, mb4.9/87, MS4.9/131, 181C-133D, Near coast of northern California

Code	Station Name	A°	AZ°	Phase ID	Time Res
					h m s ISC
JCC	Jacoby Creek	0.54	72	↑P	12 20 09.1 -0.1
JCC	Jacoby Creek	0.54	72	↑P	12 20 17.6 +1.2
O01C	Eel River Cons	0.85	127	P	12 20 13.9 -0.8
O01C	Eel River Cons	0.85	127	P	12 20 27.2 +1.5
KRMB	Red Mountain	1.06	34	eP	12 20 15.8 -2.5
N02C	Big Bar	1.07	81	↑P	12 20 16.9 -1.7
N02C	Big Bar	1.07	81	↑P	12 20 32.4 +0.1
KIPM	Imperial City	1.26	132	ePn	12 20 19.0 -2.3
M01C	Crescent City	1.27	20	↑P	12 20 18.5 -2.9
M01C	Crescent City	1.27	20	↑P	12 20 34.8 -3.2
KCPM	Cahto Peak	1.29	138	ePn	12 20 19.3 -2.4
KCPM	Cahto Peak	1.29	138	ePn	12 20 33.3 -5.2
O02C	Red Bluff	1.54	107	↑P	12 20 23.7 -1.4
O02C	Red Bluff	1.54	107	↑P	12 20 42.8 -1.8
P01C	Double 8 Ranch	1.58	138	↑P	12 20 23.2 -2.5
P01C	Double 8 Ranch	1.58	138	↑P	12 20 43.8 -1.9
WDC	Whiskeytown Da	1.65	92	ePn	12 20 25.1 -1.4
WDC	Whiskeytown Da	1.65	92	ePn	12 20 25.0 -1.6
WDC	Whiskeytown Da	1.65	92	ePn	12 20 46.4 -0.9
L02A	Cave Junction	1.71	28	↑P	12 20 25.2 -2.4
L02A	Cave Junction	1.71	28	↑P	12 20 47.1 -1.9
GASB	Alder Springs	1.82	123	↑P	12 20 27.3 -1.6
GASB	Alder Springs	1.82	123	↑P	12 20 50.8 -0.8
YBH	Yreka Blue Hor	1.85	54	ePn	12 20 28.0 -1.4
YBH	Yreka Blue Hor	1.85	54	ePn	12 20 53.2 +0.9
YBH	Yreka Blue Hor	1.85	54	ePn	12 20 27.8 -1.5
YBH	Yreka Blue Hor	1.85	54	ePn	12 20 51.7 -0.6
M03C	McCloud	2.05	72	↑P	12 20 30.5 -1.6
M03C	McCloud	2.05	72	↑P	12 20 58.1 +0.9
HOPS	Hopland	2.08	142	ePn	12 20 30.3 -2.3
HOPS	Hopland	2.08	142	ePn	12 20 30.1 -2.4
HOPS	Hopland	2.08	142	ePn	12 20 55.8 -2.2
LHEM	Heard Peak	2.11	62	↑P	12 20 32.3 -0.7
O03C	Acorn Hollow,	2.14	107	↑P	12 20 31.8 -1.6
O03C	Acorn Hollow,	2.14	107	↑P	12 20 58.1 -1.5
K01A	Sixes	2.16	5	↑P	12 20 30.6 -3.1
K02A	Glendale	2.30	23	↑P	12 20 33.0 -2.6
K02A	Glendale	2.30	23	↑P	12 21 01.1 -2.3
M04C	Macdoel	2.44	61	↑P	12 20 35.7 -1.7
BUOR	Burton Butte	2.46	48	P	12 20 37.9 +0.1
HATC	Hat Creek Radi	2.47	85	↑P	12 20 36.4 -1.5
HATC	Hat Creek Radi	2.47	85	↑P	12 21 08.6 +1.0
MNRC	McLaughlin Nat	2.48	135	↑P	12 20 36.1 -2.0
MNRC	McLaughlin Nat	2.48	135	↑P	12 21 06.1 -1.8
LTIM	Timberland Crate	2.49	77	P	12 20 37.3 -0.9
LASM	Arnica Sink	2.54	67	P	12 20 38.2 -0.7
LBCM	Butte Creek Ri	2.55	85	P	12 20 38.2 -0.9
LAB	Little Aspen B	2.56	50	↑P	12 20 39.8 -0.7
L04A	Klamath Falls	2.60	53	↑P	12 20 38.2 -1.6
L04A	Klamath Falls	2.60	53	↑P	12 21 11.3 +0.3
VSP	Saint Mountai	2.67	50	P	12 20 40.5 -0.1
NSHM	Spice Helena R	2.67	142	ePn	12 20 38.1 -2.7
ORV	Oroville	2.69	113	P	12 20 38.9 -2.0
DBO	Dodson Butte	2.69	23	P	12 20 38.9 -2.1
BBOR	Butler Butte	2.70	33	P	12 20 39.9 -1.1
HOG	Hogback Mounta	2.75	54	P	12 20 41.2 -0.7
O04C	Chester	2.78	96	↑P	12 20 40.8 -1.3
M05C	Lookout	2.78	74	P	12 20 41.0 -1.3
OHCN	Honcut	2.80	117	ePn	12 20 40.0 -2.4
MCCM	Marconi Conter	2.88	150	↑P	12 20 41.0 -2.5
MCCM	Marconi Conter	2.88	150	↑P	12 20





26d 12h

2007 FEB

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like TALAYA, ZAKAMENSK, ULNBAABAAR, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ZALESOVO, BJIJING, BAIJIATUAU, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BRVK, KECS, SSE, etc.











mb3.4/5, Error ellipse: s-maj=11.6km s-min=6.8km  
az=144.7  
JMA 26 17:02:09.3, 42721N:14502E, h50km, 1km, M3.8  
JMA Felt J1  
MOS 26 17:02:18.2±1.1, 4208N:14369E, h99km, mb3.8/1, Error  
ellipse: s-maj=43.1km s-min=31.6km az=118.2  
NEIC 26 17:02:20.1±1.3, 4210N:14368E, h96km, 9km,  
MG3.8(JMA), Error ellipse: s-maj=27.5km s-min=19.0km  
az=67.0  
ISC 26 17:02:09.5±0.0, 4270N:006:14506E:007, h39km, 9km,  
n18, #058/24, mb3.4/5, Hokkaido region

Code	Station Name	A°	AZ°	Phase	ID	Time Res	ISC	h	m	s	ISC
JAK	Akkeshi	0.40	31	Op	Pn	17 02 18.9	0.0				
JAK	Akkeshi			eS	Pn	17 02 26.1	+0.7				
NEM2	Nemuro 2	0.84	37	Op	Pn	17 02 24.7	0.0				
NEM2	Nemuro 2			eS	Pn	17 02 36.2	+0.4				
JNK	Nakash	0.92	345	P	Pn	17 02 25.5	-0.4				
JNK	Nakash			eS	Pn	17 02 37.1	-0.9				
JOB	Onbets	0.93	283	P	Pn	17 02 25.7	-0.2				
JOB	Onbets			eS	Pn	17 02 37.5	-0.5				
JAR	Ashorobuto	1.12	303	P	Pn	17 02 28.2	-0.4				
JAR	Ashorobuto			eS	Pn	17 02 41.8	-1.0				
JAR	Rashu	1.24	2	P	Pn	17 02 30.2	-0.1				
JCH	Churui	1.25	267	P	Pn	17 02 45.7	-0.1				
JCH	Churui			eS	Pn	17 02 30.5	+0.1				
JTKR	Abashiri-Toko	1.53	327	P	Pn	17 02 46.8	+0.7				
JTKR	Abashiri-Toko			eS	Pn	17 02 34.6	+0.4				
ERM	Erimo	1.56	245	ePn	Pn	17 02 34.8	+0.1				
ERM	Erimo	1.56	245	ePn	Pn	17 02 34.8	+0.1				
SONM	Songino Array	27.49	294	P	P	17 07 52.0	+0.2				
ZALV	Zalesovo Beam	0.5m, 0.75, mb3.1, baz=80, slw=9, SNR=4.0				17 09 44.4	+0.9				
ZALV	Zalesovo Beam	0.3m, 0.3, mb3.5, baz=76, slw=12, SNR=2.9				17 10 10.4	-0.2				
MKAR	Makanchi Array	40.44	308	P	P	17 10 10.4	-0.2				
YKA	Yellowknife Ar	57.52	33	P	pP	17 12 06.4	+0.6				
YKA	Yellowknife Ar	57.52	33	P	pP	17 12 06.4	+0.6				
WRA	Warramunga Arr	63.83	191	P	P	17 12 31.4	-1.4				
ASAR	Alice Springs	66.83	191	P	P	17 12 57.4	+0.4				

ISC 26 17:17:23.3±1.9, 044N:12581E, h0km, mb3.1/3, mb1 3.3/3,  
mb1mx3.2/1, mbtmp3.2/1, Error ellipse:  
s-maj=173.5km s-min=25.7km az=65.0, Northern  
Molucca Sea

Code	Station Name	A°	AZ°	Phase	ID	Time Res	ISC	h	m	s	ISC
WRA	Warramunga Arr	21.91	158	P	P	17 22 17.3	-1.0				
ASAR	Alice Springs	25.22	162	P	P	17 22 51.9	+0.9				
MKAR	Makanchi Array	59.75	327	P	P	17 27 29.9	0.0				

ISCJB 26 17:22:10.4±0.7, 4793N:008:1487E:0.1, h390km, 10km,  
mb3.4/16, Error ellipse: s-maj=14.1km s-min=12.4km  
az=22.1

MOS 26 17:22:11.1±0.9, 4824N:14867E, h387km, mb3.7/2, Error  
ellipse: s-maj=20.1km s-min=12.9km az=80.0  
IDC 26 17:22:13.1±2.0, 4825N:14866E, h391km, 22km, mb3.1/1,  
mb1 3.3/19, mb1mx3.3/24, mbtmp3.1/19, Error ellipse:  
s-maj=14.7km s-min=11.1km az=129.0

NEIC 26 17:22:15.3±1.8, 4828N:14865E, h414km, 22km, Error  
ellipse: s-maj=13.5km s-min=10.6km az=132.0  
ISC 26 17:22:11.3±0.8, 4800N:009:1488E:01, h382km, 10km,  
n52, #134/58, mb3.4/16, Northwest of Kuril Islands

Code	Station Name	A°	AZ°	Phase	ID	Time Res	ISC	h	m	s	ISC
YSS	Yuzh-Sakhalins	4.02	258	ePn	Pn	17 23 25.8	+1.6				
YSS	Yuzh-Sakhalins			eS	Pn	17 24 24.5	+1.3				
NEM2	Nemuro 2	0.59	206	P	Pn	17 23 31.0	-2.5				
NEM2	Nemuro 2			eS	Pn	17 24 34.4	-5.7				
JTKR	Abashiri-Toko	5.26	222	P	Pn	17 23 36.9	+1.7				
JMP	Maruseppu	5.48	225	P	Pn	17 23 39.7	+2.1				
JAK	Akkeshi	5.76	211	P	Pn	17 23 39.1	-1.6				
BSO3	Asahikawa	5.78	230	P	Pn	17 23 43.4	+2.5				
ASAJ	Asahikawa	5.78	230	Pn	Pn	17 23 43.3	+2.4				
ASAJ	Asahikawa			pmax	pmax						
ASAJ	Asahikawa	5.78	230	P	Pn	17 23 43.3	+2.4				
JAR	Ashorobuto	5.86	218	P	Pn	17 23 40.2	+0.3				
JOB	Onbets	6.16	216	P	Pn	17 23 44.0	-1.1				
JOB	Onbets			eS	Pn	17 24 56.8	-4.5				
JCH	Churui	6.59	217	eS	Pn	17 24 48.1	-5.1				
JNK	Urakawa-nobuka	7.12	219	P	Pn	17 23 54.3	-1.6				
ERM	Erimo	7.16	216	iPn	Pn	17 23 57.1	+0.6				
JNB	Noboribetsu	7.16	227	P	Pn	17 24 04.3	+1.1				
JNB	Noboribetsu			eS	Pn	17 25 31.3	-3.3				
JSH	Shimam	8.74	232	P	Pn	17 24 09.2	+1.6				
JKB	Kayabe	8.20	225	P	Pn	17 24 06.6	-1.7				
JKB	Kayabe			eS	Pn	17 25 37.2	-6.8				
JTM	Tenmabayashi	9.07	210	eS	Pn	17 25 53.8	-8.8				
JANG	Nango	9.23	227	eS	Pn	17 25 58.8	-7.2				
KLR	Kuldiya	11.32	254	ePn	Pn	17 24 44.1	+0.5				
VLA	Vladivostok	11.78	254	ePn	Pn	17 24 53.2	-8.4				
VLA	Vladivostok			pmax	pmax						

MJAR	Matsushiro Arr	13.84	218	P	P	17 25 16.9	+5.0				
MJAR	Matsushiro Arr	13.84	218	P	P	17 25 16.9	+5.0				
YAK	Yakuts	17.70	330	iP	P	17 25 51.9	-1.2				
YAK	Yakuts			pmax	pmax						
KSR5	Korea Array	18.52	243	P	P	17 26 05.0	+2.9				
SONM	Songino Array	28.13	286	P	P	17 27 30.5	+0.8				
SONM	Songino Array			PCp	PCp	17 30 33.3	+0.9				
IMAZ	Indian Moutai	34.57	37	P	P	17 28 24.9	-0.3				
IMAZ	Zalesovo Beam	39.46	303	PCp	PCp	17 31 04.4	-0.4				
INK	Inuvik	42.19	339	P	P	17 29 27.4	-0.4				
MKAR	Makanchi Array	43.73	294	P	P	17 29 41.2	+1.0				
MKAR	Makanchi Array	43.73	294	P	P	17 29 41.0	0.0				
MKAR	Makanchi Array			PCp	PCp	17 31 18.5	-0.7				
YKA	Yellowknife Ar	51.67	36	P	P	17 30 40.2	0.0				
YKA	Yellowknife Ar			eS	Pn	17 30 40.1	-0.1				
YKA	Yellowknife Ar			eS	Pn	17 30 40.2	0.0				
ARCES	ARCCESS Array B	51.66	339	P	P	17 31 07.4	-1.2				
ARCES	ARCCESS Array B			PCp	PCp	17 32 02.6	-0.2				
ARCES	ARCCESS Array B	55.66	339	P	P	17 31 07.4	-1.2				
ARCES	ARCCESS Array B			PCp	PCp	17 32 02.6	-0.2				
FINES	FINES Array B	61.60	333	iP	P	17 31 48.5	-0.7				
FINES	FINES Array B			pmax	pmax						
FINES	FINES Array B	61.60	333	P	P	17 31 48.4	-0.8				
NOAR	Mina Array Bea	64.44	60	P	P	17 32 08.8	+0.8				
NOAR	Mina Array Bea			PCp	PCp	17 32 16.9	-0.9				
PDAR	Pinedale Array	66.36	32	P	P	17 32 21.6	+1.5				
PDAR	Pinedale Array	66.36	32	P	P	17 32 21.6	+1.5				
ULM	Lac du Bonnet	67.46	39	P	P	17 32 25.9	-0.9				
ULM	Lac du Bonnet			PCp	PCp	17 32 25.9	-0.9				
AKASG	Malin Array Be	68.82	324	P	P	17 32 34.4	-0.8				
WRA	Warramunga Arr	68.86	195	iP	P	17 32 37.0	+1.3				

WRA	comp=2.1, 0nm, 0.6s	pmx	pmx								
WRA	Warramunga Arr	68.86	195	P	P	17 32 37.2	+1.5				
ASAR	Alice Springs	72.58	194	P	P	17 33 00.4	+2.6				
ASAR	Alice Springs			eS	Pn	17 33 00.5	+2.7				
SCHO	Schefferville	73.24	21	P	P	17 33 00.5	-0.9				
GERE	GERESS Array B	75.99	331	P	P	17 33 17.4	+0.4				
TXAR	Lajitas Array	79.40	58	P	P	17 33 37.4	+1.4				
TXAR	Lajitas Array			eS	Pn	17 33 37.4	+1.4				

ISCJB 26 17:24:23.1±1.2, 2138S:009:682W:02, h123km, 17km,  
mb3.6/2, Error ellipse: s-maj=33.2km s-min=13.4km  
az=15.3  
IDC 26 17:24:24.6±2.5, 2129S:6823W, h117km, 21km, mb3.5/2,  
mb1 3.5/5, mb1mx3.4/17, mbtmp3.4/5, Error ellipse:  
s-maj=39.6km s-min=25.1km az=101.0  
NEIC 26 17:24:24.1±0.9, 2134S:6823W, h114km, 9km, mb4.7/1,  
Error ellipse: s-maj=25.0km s-min=9.9km az=106.0  
ISC 26 17:24:24.2±1.1, 2138S:009:682W:02, h119km, 15km, n15,  
#087/9, mb3.6/2, Chile-Bolivia border region

Code	Station Name	A°	AZ°	Phase	ID	Time Res	ISC	h	m	s	ISC
LPAZ	La Paz	5.07	1	Op	Pn	17 25 38.5	+0.4				
LCO	Los Campanas	7.93	196	eP	Pn	17 26 16.3	-0.5				
SIV	San Ignacio	8.62	53	P	Pn	17 26 25.5	-0.6				
SIV	San Ignacio			eS	Pn	17 27 54.7	-6.9				
CFAA	Coronel Fontan	10.18	180	P	Pn	17 26 48.9	+1.7				
CFAA	Coronel Fontan			eS	Pn	17 28 34.6	-4.8				
TORD	Tordt Arr. Bea	76.69	70	P	P	17 36 03.3	+0.6				
YKA	Yellowknife Ar	91.30	340	P	P	17 37 14.9	-0.8				
YKA	Yellowknife Ar			eS	Pn	17 37 14.9	-0.8				
ASAR	Alice Springs	130.32	207	PKP	PKP	17 43 21.6	+0.5				
ASAR	Alice Springs			PKP	PKP	17 43 21.6	+0.5				
WRA	Warramunga Arr	133.35	210	PKP	PKP	17 43 27.7	+0.7				
WRA	Warramunga Arr			PKP	PKP	17 43 27.7	+0.7				
ZALV	Zalesovo Beam	141.56	26	PKP	PKP	17 43 42.7	+1.8				
ZALV	Zalesovo Beam			PKP	PKP	17 43 42.7	+1.8				
MKAR	Makanchi Array	145.14	36	PKPbc	PKPbc	17 43 48.0	+0.7				
MKAR	Makanchi Array			PKPbc	PKPbc	17 43 48.0	+0.7				

NIED 26 17:47:00, 3130N:14100E, h74km, Mw4.0 Best double  
couple: Mb1.08000±0.015, h17±0.200000; 827.00000  
1.66, 00000; NP2=0.233, 00000; 865.00000; 1.102, 00000;  
ISCJB 26 17:47:24.3±0.7, 3107N:004:1411E:01, h80km, 7km,  
mb3.9/11, Error ellipse: s-maj=15.4km s-min=6.1km  
az=166.6  
IDC 26 17:47:25.9±2.1, 3100N:14096E, h75km, 16km, mb3.7/10,  
mb1 3.7/15, mb1mx3.7/24, mbtmp3.7/15, MS2.7/3,  
Ms1 2.7/3, ms1mx2.5/29, Error ellipse: s-maj=39.0km  
s-min=14.3km az=77.0  
NEIC 26 17:47:26.2±1.4, 3098N:14102E, h82km, 11km,  
MG3.9(JMA), Error ellipse: s-maj=24.1km s-min=9.8km  
az=76.0

JMA 26 17:47:28.7±0.3, 3129N:14099E, h81km, M3.9  
ISC 26 17:47:25.9±0.7, 3107N:004:1411E:01, h78km, 6km, n35,  
#101/42, mb3.9/11, Southeast of Honshu

Code	Station Name	A°	AZ°
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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ZALV Zalesovo Beam, KSH Kashi, etc.

26d 17:58:40.0±0.8, 1525S±17124W, h0km, mb4.5/4, mb1 4.7/4, mb1mx4.1/17, mbtmp4.5/4, Error ellipse: s-maj=186.5km s-min=149.1km az=129.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

ISCJB 26 18:20.1±0.4, 3265N±002±11599W±002, h9km±3km, Error ellipse: s-maj=4.0km s-min=2.8km az=144.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like YUH Yufa Desert, DVTC Desert V Tower, CRR Carrizo Plain, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PFO Pinyon Flat Ob, GLO Glamis, GLA Glamis, etc.

26 18:20:04.6±1.1, 5407S±5896W, h0km, mb4.0/4, mb1 4.2/4, mb1mx4.1/10, mbtmp4.0/4, MS3.6/1, Ms1 3.7/1, ms1mx3.4/14, Error ellipse: s-maj=53.4km s-min=35.2km az=46.0

ISCJB 26 18:20.05±4.2, 5391S±007±588W±03, h8km, 14km, mb4.2/6, MS3.5/1, Error ellipse: s-maj=26.7km s-min=11.1km az=177.1

NEIC 26 18:20:07.2±0.6, 5388S±5870W, h10km, mb4.7/2, Error ellipse: s-maj=12.9km az=91.0

ISC 26 18:20:08.7±2.2, 5388S±007±588W±03, h17km±14km, n22, ±0.97/13, mb4.2/6, MS3.5/1, Falkland Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like EFi East Falkland, PMSA Palmer Station, LCO Las Campanas, etc.

26 18:24:11.3±1.0, 555N±1266E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.7/20, mbtmp3.7/8, Error ellipse: s-maj=74.4km s-min=15.2km az=73.0

ISCJB 26 18:24:17.4±1.8, 57N±01±127E±03, h65km±17km, mb3.6/8, Error ellipse: s-maj=50.0km s-min=12.7km az=157.0

MAN 26 18:24:17.544N±12644E, h4km, mb4.9, ML3.8, MS3.9

NEIC 26 18:24:19.3±2.1, 554N±1266E, h6km±19km, mb4.0/1, Error ellipse: s-maj=57.7km s-min=10.6km az=72.0

ISC 26 18:24:18.4±1.9, 56N±01±1269E±03, h54km±18km, n15, ±102/16, mb3.6/8, 1C, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MATI Mati, DAV Davao City (W), GSPH General Santos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

26 18:24:26.3±1.3, 110S±1277E, h0km, mb3.8/5, mb1 3.8/6, mb1mx3.7/17, mbtmp3.8/6, ML3.7/1, Error ellipse: s-maj=119.7km s-min=20.1km az=69.0, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, etc.

CASC 26 19:15:28.9±1.6, 836N±8282W, h0km±5km, MD3.8, 3C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BRU2 Volcan, TBS2 TBS2, BRU Barú, etc.

ISCJB 26 19:18:02.9±0.9, 992N±007±4265E±006, h10km, mb3.7/4, Error ellipse: s-maj=10.5km s-min=6.4km az=146.7

ISC 26 19:18:02.9±1.5, 1011N±494E, h0km, mb3.6/4, mb1 3.6/5, mb1mx3.5/20, mbtmp3.6/5, ML2.9/1, MS3.2/1, Ms1 3.2/1, ms1mx2.7/21, Error ellipse: s-maj=59.3km s-min=24.8km az=135.0

DHMR 26 19:18:03.1±0.3, 999N±4284E, h8km±481km, ML3.5

ISC 26 19:18:04.7±0.9, 990N±007±4269E±006, h0km, n9, ±1529/13, mb3.7/4, Ethiopia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DESE Dese, TRBA At Turbah, LBOS Dhamar BB, etc.

26 19:22:30.4±0.8, 1706S±16731E, h0km, mb4.4/12, mb1 4.5/14, mb1mx4.5/19, mbtmp4.4/14, ML4.2/2, MS3.8/10, Ms1 3.8/10, ms1mx3.6/28, Error ellipse: s-maj=26.8km s-min=18.2km az=120.0

ISCJB 26 19:22:31.7±3.7, 1712S±005±1672E±01, h17km±25km, mb4.5/21, MS3.8/9, Error ellipse: s-maj=18.4km s-min=6.3km az=175.5

NEIC 26 19:22:32.0±0.4, 1699S±16728E, h10km, mb4.8/7, Error ellipse: s-maj=11.4km s-min=7.8km az=103.0

LDG 26 19:22:34.0±2.0, 1700S±16620E, h10km, MB4.7/2, Error ellipse: s-maj=42.7km s-min=3.8km az=83.0

BUI 26 19:22:34.2±1.2, 1621S±16766E, h21km, mb5.2, mb4.8

ISC 26 19:22:34.5±3.8, 1712S±005±1673E±01, h23km±25km, h18km±2.9km, p-P, n130, ±1903/44, mb4.6/20, MS3.8/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, NOUNC Port Laguerre, etc.











26d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ORR Orenburg, ZEI Tsey, KIV Kislovodsk, etc.

IDC 26:22:34.24.3.1.2.547N.12587E, h0km, mb4.2/11, mb1.4, 3/11, mb1mx4.1/21, mbtmp4.2/11, MS3.7/2, Ms1.3/7.2, ms1mx3.7/22, Error ellipse: s-maj=83.0km s-min=15.4km az=75.0

MOS 26:22:34.27.3.0.7.551N.12599E, h33km, mb4.8/3, Error ellipse: s-maj=23.4km s-min=11.8km az=118.4

ISCJB 26:22:34.30.0.1.7.549N.007.1260E.0.1, h5km, 1/6km, mb4.2/15, MS3.5/2, Error ellipse: s-maj=19.9km s-min=9.2km az=160.0

NEIC 26:22:34.29.3.0.3.549N.12594E, h35km, mb4.5/5, Error ellipse: s-maj=13.1km s-min=6.6km az=72.0

ISC 26:22:34.31.4.1.7.547N.007.1260E.0.1, h54km, 1/6km, n37, c079/34, mb4.2/15, MS3.5/2, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BUKP Musuan, TATO Taipei, GUMO Guam, etc.

IDC 26:22:39.50.3.1.7.1311N.14376E, h215km, 40km, mb3.3/4, mb1.3.5/4, mb1mx3.1/20, mbtmp3.3/4, MS3.4/1, Ms1.3.4/1, ms1mx3.0/15, Error ellipse: s-maj=109.4km s-min=19.1km az=87.0, South of Mariana Islands

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

IDC 26:22:47.31.3.3.7.1601N.14615E, h96km, 33km, mb3.2/3, mb1.3.6/4, mb1mx3.3/20, mbtmp3.4/4, Error ellipse: s-maj=47.8km s-min=27.0km az=95.0, Mariana Islands

2007 FEB

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

IDC 26:22:48:07.8.1.1.4103S.17399E, h96km, 12km, mb3.8/3, mb1.3.9/5, mb1mx3.7/12, mbtmp3.7/5, Error ellipse: s-maj=30.4km s-min=9.4km az=131.0

ISCJB 26:22:48:09.0.3.0.3.4096S.003.17377E.005, h120km, 3km, mb4.3/5, Error ellipse: s-maj=7.3km s-min=3.7km az=33.7

WEL 26:22:48:11.5.0.1.1.4092S.17382E, h108km, 1km, ML4.5/10, Error ellipse: s-maj=1.1km s-min=0.9km az=90.0, 5. WEL Fell between Wanganui, Canterbury and Manawatu, maximum reported intensity M10.

NEIC 26:22:48:11.5.0.1.5.4092S.17382E, h108km, MG4.5(WEL), After WEL

NEIC Fell in the Marlborough, Nelson and Wellington areas. ISC 26:22:48:10.2.0.3.4096S.003.17379E.005, h114km, 3km, n122, c094/127, mb4.3/5, 41C-5D, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DUWZ D'Urville Isla, NNZ Nelson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MRW Makara Radio, BSWZ Blackbird Sta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MTW Mount Morrison, MRZ Mangatoinaka R, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, ASAR Alice Springs, etc.

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

IDC 26:22:48:41.2.3.7.770S.15547E, h0km, mb3.6/4, mb1.3.8/4, mb1mx3.6/13, mbtmp3.6/4, MS3.8/1, Ms1.3.8/1, ms1mx2.9/18, Error ellipse: s-maj=106.8km s-min=30.2km az=115.0, Bougainville - Solomon Islands region

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, etc.

MEX 26:22:53:38.1.0.8.1673N.9982W, h20km, 999km, MD3.6, 1C, Near coast of Guerrero

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

ISCJB 26:22:58:13.3.0.6.409S.0.1-807E.0.1, h10km, mb4.2/30, MS4.1/10, Error ellipse: s-maj=18.0km s-min=12.8km az=1.6

IDC 26:22:58:13.7.4.6.4072S.8065E, h0km, mb3.9/4, mb1.4/14, mb1mx3.0/14, mbtmp3.9/4, MS4.1/10, Ms1.4/10, Error ellipse: s-maj=165.5km s-min=40.1km az=30.0

NEIC 26:22:58:15.1.0.5.4087S.8069E, h10km, mb4.6/3, Error ellipse: s-maj=15.2km s-min=10.9km az=183.0

ISC 26:22:58:15.3.0.6.409S.0.1-807E.0.1, h10km, n26, c08/16, mb4.2/6, MS4.1/10, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, NWAO Narragin (SRO), etc.

IDC 26:23:01:44.0.5.7.4167S.8069E, h0km, mb4.0/4, mb1.4.2/4, mb1.1mx3.8/14, mbtmp4.0/4, Error ellipse: s-maj=185.9km s-min=42.9km az=32.0, Mid-Indian Ridge

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

WEL 26:23:40:28.3.0.1.3926S.17547E, h5km, ML3.6/40, 15C-6D, Error ellipse: s-maj=0.7km s-min=0.5km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FWZ Far West T-bar, URZ Urewera, etc.



27d 0h

Table with columns for station call letters, frequency, and other technical details. Includes stations like PVCC, NKC, CLL, and MAJO.

2007 FEB

Table with columns for station call letters, frequency, and other technical details. Includes stations like KBS, TAOE, TEIG, DWPF, WES, CNCC, NHSC, YAK, CBN, SCHO, YSS, SSPA, BLA, GOGA, WWT, OXF, HKT, KVTX, MA2, JFWS, COWI, JCT, SCIA, RES, WMOK, EYMN, LTX, TXAR, KSU1, AMTX, ECSD, BILL, CBKS, FCC, AGMN, MNTX, ULM, BNM, LPM, ANMO, ANMO, ANMO, ANMO, LAZ, SDCO, ISCO, TUC, SMCO, MVCO, DGMT, and KKB.

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Table with columns for station call letters, frequency, and other technical details. Includes stations like WUAZ, LAO, SRU, PDAR, PDAR, PDAR, PDAR, PDAR, MSU, MVU, LKWKY, HWUT, AHID, EGMT, TNA, DUG, YMR, BOZ, DAC, ELK, HLID, TPH, MSO, BMN, COLA, EGAK, CMB, BMO, NEW, WVOR, MCK, MOD, HOPS, WDC, PMR, UNV, YBH, WRAK, KDAK, SIT, WRA, ASAR, and STKA.

ICD 26:34.53:33.17.0, 117S:12813E, h0km, mb3.5/2, mb1.3/6/3, mb1mx3.3/16, mbtmp3.4/3, ML3.4/1, Error ellipse: s-maj=257.8km s-min=149.8km az=152.0, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, KULM Kulim, YHNB Yeheng, WRA Warramunga Arr, etc.

ISCJB 27 00:26:06.1e3.9.52S:01.1511E:02,h81km,30km, mb3.5/5, Error ellipse: s-maj=33.2km s-min=21.0km az=176.1,

NEIC 27 00:26:08.2e2.7.524S:151.10E,h86km,20km,mb4.2/1, Error ellipse: s-maj=28.0km s-min=13.4km az=81.0,

ISC 27 00:26:09.8e3.3.529S:151.06E,h99km,56km,mb3.2/4, mb1 3.4/5, mb1mx3.3/14, mbtmp3.3/5, Error ellipse: s-maj=98.5km s-min=30.9km az=101.0,

ISC 27 00:26:07.6e3.6.52S:01.1512E:02,h81km,28km,n16, c=5816, mb3.5/5, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, CTAO Charters Tower, WRA Warramunga Arr, etc.

CSEM 27 00:34:30.9e1.0.4035N:2706E,h12km,MD2.8, Error ellipse: s-maj=2.3km s-min=1.6km az=142.0,

ISCJB 27 00:34:31.0e5.4036N:003:2704E:003,h6km,6km, Error ellipse: s-maj=5.6km s-min=4.1km az=166.3,

ISK 27 00:34:31.2e4038N:2704E,h8km,MD2.8 DDA 27 00:34:32.3e4033N:2714E,h12km,MD2.9

ATH 27 00:34:37.1e4012N:2577E,h10km,MD2.9/3 ISC 27 00:34:31.7e0.4.4036N:003:2703E:003,h8km,5km,n43, c=6665/1, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPK Lapseki, RYK Sarkoy-Tekirda, SART Sarkoy-Tekirda, etc.

LGD 27 00:44:09.1e0.3.1957S:17280E,h10km, Mb5.2/2, Ms4.8/7, Error ellipse: s-maj=26.6km s-min=5.9km az=144.0,

ISCJB 27 00:44:13.3e1.6.2019S:006:17291E:004,h56km,14km, mb4.9/58, MS4.7/27, Error ellipse: s-maj=9.4km s-min=5.8km az=170.5,

MOS 27 00:44:13.1e1.2.2015S:17288E,h50km,mb5.2/19, MS5.1/8, Error ellipse: s-maj=9.8km s-min=9.3km az=146.8,

BUI 27 00:44:13.6e1963S:17323E,h51km,mb5.3,mb4.9,Ms5.1, Ms4.8

ISC 27 00:44:14.8e4.4.2017S:17297E,h59km,39km,mb4.3/15, mb1 4.5/17, mb1mx4.5/20, mbtmp4.3/17, ML3.7/2, MS4.5/15, Ms1 4.5/15, ms1mx4.4/27, Error ellipse: s-maj=26.0km s-min=18.6km az=159.0,

NEIC 27 00:44:15.0e1.0.2012S:17293E,h58km,9km,mb5.1/33,

Error ellipse: s-maj=7.5km s-min=4.8km az=164.0 GCMT 27 00:44:15.0e2.0.2015S:17302E,h12km,MW5.2/79, Moment Tensor Solution. s43,c57; s79,c123; Duration: 0 Moment tensor: Scale 1017Nm; Mw0.45±0.2; Mw-0.78±0.2; Mw0.32±0.2; Mw0.15±0.5; Mw0.25±0.2; Mw0.10±0.6; Best double couple: Mw0.68100x1017 NP1z=286.00000°, 645.00000°, 132.00000°. NP2: 65.40000°, 558.00000°, 156.00000°. Principal axes: T 0.5070, P161.0000°, Azm73.0000°; P -0.8550, P167.0000°, Azm167.0000°; Nst1 refers to body waves, cutoff=40s. Nst2 refers to surface waves, cutoff=50s.

SZGRF 27 00:44:20.5, 21.32S:173.15E,h33km, Vanuatu Islands region

ISC 27 00:44:15.7e1.3.2019S:006:17295E:004,h63km,12km, n571,c0557/328,mb5.0/57,174C-92D,Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, RAO Raoul Island, AFI Afiamalu, HNR Honiara, URZ Urewera, SNZO South Koror, ARMA Armidale, RPZ Rata Peaks, CTA Charters Tower, etc.

PPT Papeete 35.51 92 eLR LR 01 00 36.0

WB2 Warramunga Arr 36.20 264 eP PP 00 51 11.1 -1.5

WRA Warramunga Arr 36.21 264 P P 00 51 11.7 -1.0

WRA Warramunga Arr 36.21 264 P P 00 53 36.9 -0.2

WRA Warramunga Arr 36.21 264 P P 01 05 44.1

ASAR Alice Springs 36.31 257 P P 00 51 12.8 -0.7

AKA Kakadu 39.48 274 P P 00 51 40.3 0.0

FORT Forrest 41.63 246 eP LR 00 51 57.5 -0.4

GUMO Guam 43.47 318 LR LR 01 08 22.6

FITZ Fitzroy Crossi 44.63 264 P P 00 52 22.3 +0.1

FITZ Fitzroy Crossi 44.63 264 P P 00 52 22.4 +0.2

TAOE Nuku Hiva Isla 46.63 83 eLR LR 01 05 46.6

MBWA Marble Bar 49.60 259 eP P 00 53 01.4 +0.5

KLBR Kellerberrin 50.48 245 P P 00 53 07.0 -0.5

NWAO Narrogin (SRO) 50.91 244 eP P 00 53 10.8 +0.1

NWAO Narrogin (SRO) 50.91 244 eP P 00 53 10.8 +0.1

MUN Mundaring 51.78 245 eP P 00 53 15.3 -2.0

VNDA Vanda 57.63 183 P P 01 04 08.0

SBA Scott Base 57.78 182 eP P 00 54 00.7 +0.8

SBA Scott Base 57.78 182 eP P 00 54 00.7 +0.8

MMJAR Matarua 65.28 330 eP P 00 54 50.6 -0.3

MAJO Matsushiro 65.28 330 eP P 00 54 50.8 -0.1

MAJO Matsushiro 65.28 330 eP P 00 54 50.8 -0.1

MAT Matsushiro 65.28 330 P P 00 54 50.6 -0.3

TAT Ninganchiao 67.23 310 P P 00 55 03.4 -0.3

QSPA South Pole Qui 69.87 180 eP P 00 55 19.0 -0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GYA, SKS, SCS, SS, SBB, AMB.

GYA comp=Z,20nm,1.0s,mb5.0

GYA comp=Z,120nm,7.4s

GYA comp=N,420nm,20.8s

GYA comp=E,470nm,21.6s

BJT comp=Z,310nm,20.7s

BJT comp=Z,7.0nm,0.8s

BJT comp=Z,13nm,1.1s,mb4.8

BJT comp=N,293nm,13.8s

BJT comp=E,235nm,17.9s

BJT comp=Z,345nm,23.1s

MA2 Magadan 81.53 349 eP P 00 56 25.5 -0.4

MA2 Magadan 81.53 349 eP P 00 56 25.4 -0.5

MA2 Magadan 81.53 349 eP P 00 56 25.4 -0.5

KMI Kunming 81.75 300 P P 00 56 30.3 +2.4

CHTO Chiang Mai 82.3 293 eP P 00 56 31.2 +0.7

CHTO Chiang Mai 82.3 293 eP P 00 56 31.2 +0.6

HHC Hu-ho-hao-te 83.24 318 eP PP 00 56 36.3 +1.0

HHC Hu-ho-hao-te 83.24 318 eP PP 00 59 55.0 +3.7

HHC Hu-ho-hao-te 83.24 318 eP PP 01 06 43.5 -5.4

HHC Hu-ho-hao-te 83.24 318 eP PP 01 06 46.0 -4.8

HHC Hu-ho-hao-te 83.24 318 eP PP 01 12 16.5 -0.7

CD2 Chengdu 83.60 306 eP P 00 56 38.5 +1.1

CD2 Chengdu 83.60 306 eP P 00 59 55.0 +4.0

CD2 Chengdu 83.60 306 eP P 01 06 43.5 -5.4

CD2 Chengdu 83.60 306 eP P 01 12 22.3 -0.7

CD2 Chengdu 83.60 306 eP P 00 56 38.5 +1.1

CD2 Chengdu 83.60 306 eP P 00 59 55.0 +4.0

CD2 Chengdu 83.60 306 eP P 01 06 43.5 -5.4

CD2 Chengdu 83.60 306 eP P 01 12 22.3 -0.7

HIA Hailar 83.72 328 eP P 00 56 37.6 0.0

HIA Hailar 83.72 328 eP P 00 56 37.6 0.0

PKM Peak Mountain 84.06 50 P P 00 56 39.9 +0.2

U04C Hernandez Rese 84.11 48 P P 00 56 40.5 +0.6

S04C Ingram Canyon, 84.18 47 P P 00 56 41.0 +0.1

GASB Alder Springs 84.49 44 P P 00 56 42.7 +1.0

GAMB Gambell 84.55 7 eP P 00 56 42.0 +0.6

PMSA Palmer Station 84.79 159 eP P 00 56 41.8 -1.1

ARVC Arvin 84.89 50 P P 00 56 43.9 +0.1

S05C Merced 84.92 47 P P 00 56 43.7 -0.3

VES Vestal, Richgr 85.05 49 P P 00 56 44.2 -0.5

WDC Whiskeytown Da 85.09 44 P P 00 56 44.4 -0.3

T06C Millerton Lake 85.18 48 P P 00 56 44.9 -0.4

CMB Columbia Coile 85.22 47 eP P 00 56 45.3 -0.1

CMB Columbia Coile 85.22 47 eP P 00 56 45.3 -0.1

GSC Goldstone	baz=87,SNR=10	86.43	50	↑P	P	00 56 51.4	-0.1
S08C White Mtn Res	baz=87	86.49	48	↑P	P	00 56 52.2	+0.4
H08C Hecctor,Ludlow	baz=87,SNR=9.1	86.56	51	↑P	P	00 56 51.7	-0.4
O06A Flanigan	baz=87	86.66	45	↑P	P	00 56 52.5	0.0
BC3 Big Chuckw Mtn	baz=87,SNR=7.9	86.67	52	↑P	P	00 56 52.9	+0.2
K04A Chilquin	baz=87	86.67	42	↑P	P	00 56 52.8	+0.3
TYA Tin City	comp=Z,24nm,1.6s,mb5.2	86.72	8	eP	P	00 56 53.5	+0.3
PAHR Pah Rah Range	comp=Z,23nm,1.3s,mb5.2	86.73	46	eP	P	00 56 52.3	+0.4
M06C Likely Place G	baz=87	86.75	44	↑P	P	00 56 53.1	+0.2
J04A Umpqua Nationa	baz=87	86.76	42	↑P	P	00 56 53.1	+0.2
GRAC Grapevine Rang	baz=87	86.82	49	↑P	P	00 56 53.4	0.0
NVAR Mina Array Bea	baz=87,SNR=9.4	86.84	47	↑P	P	00 56 52.9	-0.5
NVAR Mina Array Bea	comp=Z,3.6nm,0.8s,mb4.6,baz=215,slow=6.3,SNR=9.5	86.84	47	↑P	P	00 56 52.9	-0.5
I04A Tendick Farm,	baz=87	86.86	41	↑P	P	00 56 53.4	0.0
GLA Glamis	baz=87	86.87	53	↑P	P	00 56 53.9	+0.2
FURC Furnace Creek,	baz=87	86.93	49	↑P	P	00 56 53.8	-0.1
GMRC Granite Mounta	baz=87,SNR=5.6	87.02	51	↑P	P	00 56 54.2	-0.2
SHOC Shoshone	baz=87	87.08	50	↑P	P	00 56 54.5	-0.2
IRM Iron Mountain	baz=87,SNR=8.1	87.12	52	↑P	P	00 56 54.8	-0.1
MOD Modoc	baz=87	87.22	43	eP	P	00 56 55.5	+0.4
MOD Modoc	baz=87,SNR=6.2	87.22	43	eP	P	00 56 55.3	+0.2
S09A Goldfield	baz=87	87.26	48	↑P	P	00 56 55.0	-0.5
U10A Ash Meadows, A	baz=87	87.29	50	↑P	P	00 56 55.6	-0.1
O07A Toulon	baz=88,SNR=6.5	87.29	45	↑P	P	00 56 55.5	0.0
Q08A Gabbs	baz=88	87.31	47	↑P	P	00 56 56.0	+0.3
J05A Fort Rock	baz=88,SNR=7.5	87.32	42	eP	P	00 56 55.8	+0.2
TPH Tonopah	comp=Z,4.2nm,0.6s,mb4.8	87.42	48	eP	P	00 56 56.6	+0.3
TPH Tonopah	comp=Z,4.0nm,0.6s,mb4.8	87.42	48	eP	P	00 56 56.6	+0.3
H04A Detroit Lake	baz=88	87.47	40	↑P	P	00 56 56.4	+0.1
TPNV Topopah Spring	baz=88	87.59	49	eP	P	00 56 56.7	-0.4
TPNV Topopah Spring	comp=Z,15nm,0.9s,mb5.2	87.59	49	eP	P	00 56 56.7	-0.4
TPNV Topopah Spring	comp=Z,15nm,0.9s,mb5.2	87.59	49	eP	P	00 56 56.7	-0.4
TPNV Topopah Spring	comp=Z,15nm,0.9s,mb5.2	87.59	49	eP	P	00 56 56.7	-0.4
TPNV Topopah Spring	comp=Z,15nm,0.9s,mb5.2	87.59	49	eP	P	00 56 56.7	-0.4
R09A Tonopah	baz=88,SNR=12	87.61	48	↑P	P	00 56 57.1	0.0
V11A Goodsprings	baz=88	87.67	51	↑P	P	00 56 57.2	-0.3
M07A Soldier Meadow	baz=88,SNR=7.5	87.70	44	↑P	P	00 56 57.4	-0.1
K06A Valley Falls	baz=88	87.70	43	↑P	P	00 56 57.6	+0.1
S10A Tonopah Range	baz=88,SNR=9.1	87.79	48	↑P	P	00 56 58.1	+0.1
W12A Cal Nev Ari	baz=88	87.84	51	↑P	P	00 56 58.1	-0.2
O08A Rochester Mine	baz=88	87.84	46	↑P	P	00 56 58.5	+0.4
L07A Adell	baz=88,SNR=6.9	87.90	44	↑P	P	00 56 58.7	+0.3
PDMC Parker Dam,Lak	baz=88	87.93	52	↑P	P	00 56 58.5	-0.2
Y13A Salome	baz=88,SNR=7.4	87.95	53	↑P	P	00 56 59.1	+0.2
F04A Amboy	baz=88	87.98	39	↑P	P	00 56 59.4	+0.7
J06A Christmas Vall	baz=88	87.99	42	↑P	P	00 56 59.9	+0.2
V12A Nelson	baz=88	88.04	51	↑P	P	00 56 59.3	0.0
N08A GE Springer Mi	baz=88,SNR=10	88.09	45	↑P	P	00 56 59.5	+0.2
BILL Bilibino	88.11 357 eP				P	00 56 58.1	-0.7
BILL Bilibino	comp=Z,39nm,1.6s,mb5.4	88.11 357 eP			P	00 56 58.3	-0.5
BILL Bilibino	comp=Z,25nm,1.5s,mb5.2	88.11 357 eP			P	00 56 58.3	-0.5
E04A Onalaska	baz=88	88.16	38	↑P	P	00 57 00.1	+0.6
SHPR Sheep Range	baz=88	88.17	50	eP	P	00 57 00.0	+0.2
R10A Warm Springs	baz=88	88.17	48	↑P	P	00 57 00.2	+0.4
M08A Happy Creek Ra	baz=88,SNR=6.2	88.25	44	↑P	P	00 57 00.5	+0.4
G05A Wamic	baz=88	88.28	40	↑P	P	00 57 00.8	+0.7
K07A Rock Creek Ran	baz=88,SNR=11	88.29	43	↑P	P	00 57 00.5	+0.3
X13A Yucca	baz=88	88.29	52	↑P	P	00 57 00.5	0.0
I06A Prineville	baz=88,SNR=8.3	88.30	42	↑P	P	00 57 00.7	+0.4
SNAAS Sanae	88.33 181 eP				P	00 56 58.4	-1.7
Q10A Clear Creek Ra	baz=88	88.34	48	↑P	P	00 57 00.6	0.0
Z09A Wintersburg	baz=88,SNR=5.1	88.42	54	↑P	P	00 57 01.2	0.0
O11A Fish Creek Ran	baz=89,SNR=6.9	88.43	46	↑P	P	00 57 01.2	+0.2
T11A Corn Creek, Al	baz=89	88.45	49	↑P	P	00 57 01.3	+0.1
W13A Hualapai Mount	baz=89	88.47	52	↑P	P	00 57 01.4	0.0
CIT Chita	88.52 328 eP				P	00 57 00.8	-1.3
CIT Chita	88.52 328 eP				P	00 57 11.5	
F05A White Salmon	comp=Z,85nm,1.6s,mb5.8	88.53	40	↑P	P	00 57 02.0	+0.7
BMN Battle Mountai	baz=89	88.53	46	eP	P	00 57 02.0	+0.5
U12A Valley of Fire	baz=89	88.58	50	↑P	P	00 57 01.9	+0.1
J07A Hines	baz=89	88.59	42	↑P	P	00 57 01.7	+0.1
C04A Brinnon	baz=89	88.61	37	↑P	P	00 57 01.9	+0.2
H06A Lindquist Farm	baz=89,SNR=8.3	88.63	41	↑P	P	00 57 01.8	0.0
Y14A Wickenburg	baz=89	88.63	53	↑P	P	00 57 01.7	-0.4
L08A Fields	baz=89,SNR=12	88.63	47	↑P	P	00 57 02.1	+0.3
P10A Eureka	baz=89	88.67	47	↑P	P	00 57 02.3	+0.2
N15A Sonoran Desert	baz=89	88.69	54	↑P	P	00 57 02.4	0.0
G06A Carlson Farm,	baz=89	88.70	40	↑P	P	00 57 02.9	+0.8
E05A Randle	baz=89	88.70	39	↑P	P	00 57 02.7	+0.6
MCK McKinley	88.76 16 eP				P	00 57 02.8	+0.8
VNA3 Neumayer Olymp	88.79 179 eP				P	00 57 00.9	-1.4
VNA3 Neumayer Olymp	88.79 179 eP				P	00 57 03.3	
VNA3 Neumayer Olymp	88.79 179 eP				P	00 57 06.3	
K08A Mann Creek Ran	baz=89,SNR=8.8	88.80	43	↑P	P	00 57 02.7	+0.2
I07A Ize	baz=89,SNR=5.9	88.81	42	↑P	P	00 57 02.9	+0.2
YAK Yakuts	comp=Z,30nm,1.3s,mb5.5	88.86 341 eP			P	00 57 02.1	-0.4
YAK Yakuts	comp=Z,30nm,1.3s,mb5.5	88.86 341 eP			P	00 57 02.1	-0.4
YAK Yakuts	comp=Z,30nm,1.3s,mb5.5	88.86 341 eP			P	00 57 02.1	-0.4
Q11A Duckwater	baz=89,SNR=11	88.87	48	↑P	P	00 57 03.3	+0.2
F06A Goldendale	baz=89	88.88	40	↑P	P	00 57 03.3	+0.4
S12A Delamar Landin	baz=89	88.88	49	↑P	P	00 57 03.5	+0.3
D05A Enumclaw	baz=89	88.90	38	↑P	P	00 57 03.4	+0.4
X14A Yaw	baz=89,SNR=7.8	88.94	53	↑P	P	00 57 04.1	+0.6
O10A Cortez Mining,	baz=89	88.95	46	↑P	P	00 57 03.5	0.0
L09A Wilkinson Ranc	baz=89	88.99	44	↑P	P	00 57 03.9	+0.4
116A Eloy	baz=89,SNR=6.1	89.03	55	↑P	P	00 57 04.1	0.0
J08A Circle Bar Ran	baz=89,SNR=8.3	89.11	43	↑P	P	00 57 04.3	+0.2
W14A Seligman	baz=89,SNR=7.9	89.11	52	↑P	P	00 57 04.8	+0.4
P11A Circle Ranch,	baz=89	89.12	47	↑P	P	00 57 04.3	+0.1
VNA2 Neumayer-Watz	89.13 180 eP				P	00 57 02.9	-0.9
VNA2 Neumayer-Watz	89.13 180 eP				P	00 57 05.4	
VNA2 Neumayer-Watz	89.13 180 eP				P	00 57 04.5	
N10A Dunphy	baz=89	89.15	46	↑P	P	00 57 04.5	+0.2
E06A Yakima	baz=89	89.16	39	↑P	P	00 57 04.8	+0.5
K09A Rome	baz=89,SNR=15	89.28	44	↑P	P	00 57 05.0	+0.2
T13A Salt Green	baz=90,SNR=6.0	89.29	50	↑P	P	00 57 05.5	+0.4
A04A Legoe Bay, Lum	baz=90	89.30	37	↑P	P	00 57 05.1	+0.3
G07A Ruggs Ranch, H	baz=90,SNR=8.9	89.30	41	↑P	P	00 57 05.1	+0.1
I08A Drewsey	baz=90	89.32	42	↑P	P	00 57 05.1	0.0
C05A Tolt Reservoir	baz=90	89.34	38	↑P	P	00 57 04.7	-0.3
R12A Pony Springs,	baz=90,SNR=9.4	89.37	49	↑P	P	00 57 05.6	+0.2
B05A Bryant	baz=90,SNR=5.2	89.40	37	↑P	P	00 57 05.3	0.0
X15A Humboldt	baz=90,SNR=11	89.43	53	↑P	P	00 57 06.4	+0.6
O11A Cowboy Ranch,	baz=90,SNR=14	89.45	47	↑P	P	00 57 06.0	+0.2
F07A Phiny Hill Vi	baz=90	89.46	40	↑P	P	00 57 05.5	-0.2
M10A L.L. Ranch, Tu	baz=90,SNR=17	89.50	45	↑P	P	00 57 06.2	+0.2
Q12A Willow Creek R	baz=90,SNR=9.4	89.53	48	↑P	P	00 57 06.5	+0.3
H08A Prairie City	baz=90	89.55	42	↑P	P	00 57 06.3	+0.2
J09A Fry Pan Ranch,	baz=90,SNR=19	89.56	43	↑P	P	00 57 06.3	+0.1
D06A Cle Elum	baz=90	89.57	39	↑P	P	00 57 06.1	-0.1
S13A Holt Ranch, En	baz=90,SNR=7.5	89.57	50	↑P	P	00 57 06.6	+0.2
IMA2 Indian Mountai	89.61 13 eP				P	00 57 04.4	-1.5
P12A McGill	baz=90,SNR=8.9	89.67	47	↑P	P	00 57 07.0	+0.2
W15A Williams	89.70 52 eP				P	00 57 07.6	+0.5
N11A Elko Archery C	baz=90	89.71	46	↑P	P	00 57 07.3	+0.3
ULN Ulanabaatar	89.73 322 d/P				P	00 57 07.5	+0.6
G08A Pilot Rock	baz=90,SNR=14	89.75	41	↑P	P	00 57 07.2	+0.1
A05A Maple Falls	baz=90	89.79	37	↑P	P	00 57 07.1	-0.1
L10A Juniper Basin	baz=90,SNR=15	89.80	45	↑P	P	00 57 07.5	+0.1
E07A Sunnyside	baz=90,SNR=6.2	89.83	40	↑P	P	00 57 07.4	0.0
K10A MacKenzie Ranc	baz=90,SNR=9.5	89.87	44	↑P	P	00 57 07.9	+0.2
T14A Hunsane	baz=90,SNR=9.8	89.91	50	↑P	P	00 57 08.4	+0.4
CCUT Cedar City	89.92 50 eP				P	00 57 08.7	+0.7
HAWA Hanford	89.94 40 eP				P	00 57 08.3	+0.4
M11A Holland Ranch,	baz=90	89.96	45	↑P	P	00 57 08.7	+0.6
ARUT Antelope Rang	89.96 49 eP				P	00 57 08.7	+0.5
COLA College	89.97 16 eP				P		





27d 1h

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Gorkha, Hyderabad, Ulanbator, etc.

2007 FEB

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Zalesovo, Kurchatov, Novosibirsk, etc.

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Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AAK, KURK, HYB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Kota Kinabalu, Shillong, Palmer Station, Urewera, Lhasa, etc.

ISCJB 27 01:38:19.0.0.6, 441S:01:789E.01, h10km, mb4.5/7, MS5.0/2, Error ellipse: s-maj=21.2km s-min=13.4km az=21.6

NEIC 27 01:38:21.0.0.5, 4405S:789E.1, h10km, mb4.3/1, Error ellipse: s-maj=20.1km s-min=12.9km az=20.0

IDC 27 01:38:29.2.4.7, 4159S:8024E, h0km, mb4.2/4, mb1.4/4, mb1mx3.9/14, mbmp4.2/4, MS4.9/2, MS1.4/9/2, ms1mx4.4/16, Error ellipse: s-maj=177.3km s-min=41.9km az=28.0

ISC 27 01:38:29.0.0.6, 441S:01:790E.01, h10km, n23, o878/15, mb4.7, MS5.0/2, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Casey, SBA, Labat, ASAR, STKA, WRA, WB2, TSUM, KMBG, PMG, KBL, MALT, MKAR, etc.

ISCJB 27 01:55:10.8.1.0, 2052S:004:6864W.008, h99km, 9km, mb4.1/22, Error ellipse: s-maj=13.2km s-min=6.7km az=175.4

NEIC 27 01:55:12.6.1.0, 2048S:6865W, h10km, 10km, mb4.1/12, Error ellipse: s-maj=13.3km s-min=9.3km az=62.0

IDC 27 01:55:15.0.0.7, 2012S:6858W, h122km, 4km, mb3.9/12, mb1.4/13, mb1mx3.9/21, mbmp4.0/13, Error ellipse: s-maj=20.7km s-min=16.0km az=53.0

ISC 27 01:55:12.0.0.8, 2053S:004:6863W.008, h95km, 7km, h121km, 3.0km, pp-P, n55, o137/56, mb4.1/22, 1D,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Chile-Bolivia border region, LPAZ, SIV, LCO, etc.

ISCJB 27 02:05:26.7.1.4, 1803S:009:17543W.008, h221km, 14km, mb4.1/20, Error ellipse: s-maj=17.1km s-min=10.1km az=143.8

NEIC 27 02:05:27.7.1.3, 1806S:17535W, h221km, 12km, mb4.4/8, Error ellipse: s-maj=16.7km s-min=8.3km az=145.0

IDC 27 02:05:33.4.1.9, 1818S:17542W, h271km, 17km, mb3.8/14, mb1.4/15, mb1mx3.9/19, mbmp3.8/15, Error ellipse: s-maj=14.1km s-min=6.5km az=139.0

ISC 27 02:05:27.3.5.1, 1814S:009:17533W.009, h214km, 14km, n59, o95/35, mb4.1/20, 1C, Tonga Islands

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

ISCJB 27 02:05:26.7.1.4, 1803S:009:17543W.008, h221km, 14km, mb4.1/20, Error ellipse: s-maj=17.1km s-min=10.1km az=143.8

NEIC 27 02:05:27.7.1.3, 1806S:17535W, h221km, 12km, mb4.4/8, Error ellipse: s-maj=16.7km s-min=8.3km az=145.0

IDC 27 02:05:33.4.1.9, 1818S:17542W, h271km, 17km, mb3.8/14, mb1.4/15, mb1mx3.9/19, mbmp3.8/15, Error ellipse: s-maj=14.1km s-min=6.5km az=139.0

ISC 27 02:05:27.3.5.1, 1814S:009:17533W.009, h214km, 14km, n59, o95/35, mb4.1/20, 1C, Tonga Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like AFI, RAR, DZM, URZ, ARMA, etc.

ISCJB 27 02:06:57.6.0.5, 5029N:003:1888E.003, h0km, Error ellipse: s-maj=4.9km s-min=2.5km az=9.2

CSEM 27 02:06:58.0.2.0, 5025N:1893E, h2km, ML2.8/7, Error ellipse: s-maj=7.1km s-min=2.5km az=1.0

IPEC 27 02:06:58.1.0.2, 5030N:1891E, h4km, km, ML2.0/4, Error ellipse: s-maj=2.3km s-min=0.8km az=168.0

PRU 27 02:06:58.5.0, 5027N:1892E, h0km

WAR 27 02:06:58.1.0, 5025N:1895E, ML2.5, Mining Induced

ISC 27 02:06:58.9.0.5, 5025N:003:1889E.003, h0km, n42, o128/66, 1C-5D, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like RAC, OJC, OKC, etc.

27d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VRAC Vranov, KRUC Moravsky, KECS Kecovo, etc.

NEIC 27 02:09:03.0, 4056N, 2230E, h26km, MD3.1(ATH), ML2.9(7HE), After AAR... CSEM 27 02:09:03.9, 4049N, 2232E, h15km, ML2.9, Error ellipse: s-maj=1.9km s-min=1.5km az=132.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LIT Litokhoron, GRG Griva, KZN Kozani, etc.

MAN 27 02:40:55, 1062N, 12544E, h60km, mb4.0, ML2.7, MS2.4, ID, Leyte... Code Station Name Az Phase ID Time Res

ISCJB 27 02:46:37.5, 0.6, 1073N, 003.6145W, 0.04, h17km, g6km, Error ellipse: s-maj=6.6km s-min=4.8km az=23.4... FUNV 27 02:46:39.0, 1073N, 61.39W, h27km, MW3.4... TRN 27 02:46:40.1, 1086N, 61.43W, h33km, MD3.4... NEIC 27 02:46:40.1, 1086N, 61.43W, h33km, MD3.4(TRN), After TRN... ISC 27 02:46:38.0, 0.6, 1075N, 003.6146W, 0.03, h58km, g6km, n25, r=15/42, 3C-10, Trinidad... Code Station Name Az Phase ID Time Res

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TPP Pointe-a-Pierr, TBB Brigand Am, GUVI Guiria, etc.

NEIC 27 02:48:28.9, 0.6, 5061N, 15734E, h10km, Error ellipse: s-maj=16.6km s-min=11.2km az=132.0... KRSC 27 02:48:31.2, 0.7, 5054N, 15774E, h32km, 31km, ML4.9... MOS 27 02:48:31.5, 1.0, 5058N, 15728E, h44km, mb4.6/1, Error ellipse: s-maj=18.2km s-min=7.2km az=76.5... ISCJB 27 02:48:32.1, 0.9, 5054N, 006.15746E, 0.08, h50km, 7km, mb3.8/22, Error ellipse: s-maj=11.6km s-min=4.7km az=140.0... IDC 27 02:48:35.8, 4.5, 5068N, 15721E, h64km, 42km, mb3.5/19, mb1.3, 7/21, mb1mx3.6/29, mbmp3.5/21, ML4.1/2, MS3.6/1, MS1.3, 6/1, ms1mx3.0/27, Error ellipse: s-maj=21.3km s-min=15.7km az=140.0... ISC 27 02:48:33.5, 0.9, 5054N, 006.15742E, 0.08, h46km, 7km, n56, c1828/74, mb3.8/22, ID, Kuril Islands... Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR comp=N,510nm,0.3s, ALID Alaid, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EKA Eskdalemuir Arr, PARMO Parma, GERES GERES Array B, etc.

IDC 27 02:58:10.1, 2.1, 103S, 12769E, h0km, mb3.2/2, mb1.3/4/3, mb1mx3.3/16, mbmp3.2/3, ML3.3/1, Error ellipse: s-maj=156.1km s-min=27.5km az=67.0, Halmahera... Code Station Name Az Phase ID Time Res

IDC 27 03:16:43.4, 24.0, 259S, 9761E, h0km, mb3.6/2, mb1.3/6/2, s-maj=1247.0km s-min=84.0km az=56.0, Southwest of Sumatera... Code Station Name Az Phase ID Time Res

ISCJB 27 03:37:42.1, 1.7, 202S, 02.1777W, 0.1, h469km, 23km, mb3.8/9, Error ellipse: s-maj=35.4km s-min=12.8km az=158.6... IDC 27 03:37:44.1, 2.9, 199S, 17782W, h476km, 25km, mb3.3/8, mb1.3/5/8, mb1mx3.4/16, mbmp3.4/8, Error ellipse: s-maj=82.3km s-min=13.8km az=151.0... NEIC 27 03:37:46.0, 1.4, 197S, 17791W, h502km, 16km, mb4.1/3, Error ellipse: s-maj=28.1km s-min=14.1km az=150.0... ISC 27 03:37:43.9, 1.6, 203S, 02.1777W, 0.1, h476km, 22km, n27, s=59/18, mb3.8/9, 2C, Fiji Islands region... Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

ISCJB 27 03:47:10.6, 0.5, 4479S, 007.352E, 0.2, h10km, mb4.7/15, MS4.5/16, Error ellipse: s-maj=18.8km s-min=8.2km az=162.8... IDC 27 03:47:10.6, 0.6, 4482S, 3528E, h0km, mb4.5/10, mb1.4/6/12, mb1mx4.4/19, mbmp4.5/12, ML4.6/2, MS4.4/18, MS1.4/4/18, ms1mx4.3/4, Error ellipse: s-maj=32.8km s-min=14.6km az=62.0... GCMT 27 03:47:12.1, 0.3, 4477S, 3535E, h18km, 1km, MW5.1/75, Moment Tensor Solution, s39, c57, s75, c113; Duration: 0.79m; tensor: Scale 10^19Nm; Mr=0.75; 22; Mw=3.04; 20; Mw=3.04; 20; Mw=2.38; 47; Mw=4.65; 17; Mw=0.93; 42; Best double couple: Mw=3.310x10^16 N1=19.00000°, 885.00000°, -1.75.00000°. NP2: 287.00000°, 885.00000°, -1.24.00000°. Principal axes: T=6.5590, Plg14.0000°, Azm335.0000°; N=0.4540, Plg65.0000°, Azm97.0000°; P=-6.1030, Plg20.0000°. Azm240.0000°. nsta1 refers to surface waves, cutoff=40s. Lobate2 refers to surface waves, cutoff=50s.

NEIC 27 03:47:12.0, 0.4, 4484S, 35.12E, h10km, mb5.0/2 Error ellipse: s-maj=19.9km s-min=7.9km az=65.0... ISC 27 03:47:12.4, 0.5, 4478S, 007.353E, 0.2, h10km, n43, r=81/30, mb4.7/15, MS4.5/16, Prince Edward Islands region... Code Station Name Az Phase ID Time Res

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





27d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Sonseca Array, Midelt, Yellowknife Arr, etc.

IDC 27 05:14:58.3.3.8, 3022S-13865E, h0km, mbl 2.9/3, mb1mx2.9/13, mbtmp2.7/3, ML2.8/3, Error ellipse: s-maj=105.0km s-min=15.7km az=45.0, South Australia

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

ISCJJB 27 05:17:16.7.0.6, 6349N.005:2395W.008, h10km, mb3.6/7, Error ellipse: s-maj=7.5km s-min=4.1km az=156.6

CSEM 27 05:17:16.1.0.2, 6353N.2385W, h5km, ML3.8, Error ellipse: s-maj=8.3km s-min=3.5km az=169.0

REY 27 05:17:16.7.0.6, 6341N.2408W, h10km, ML3.5, mb3.8/7, mb1mx3.6/22, mbtmp3.6/7, MS3.8/1, mbl 3.8/7, ms1mx2.7/34, Error ellipse: s-maj=26.9km s-min=17.9km az=71.0

NEIC 27 05:17:19.5.0.8, 6354N.2381W, h10km, Error ellipse: s-maj=21.4km s-min=13.7km az=175.0

ISC 27 05:17:17.9.0.6, 6351N.005:2387W.008, h10km, n38, @121/58, mb3.6/7, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like INYL Nylenda, IGRV Grindav??k, IVOG Vogar, etc.

ISCJJB 27 05:22:12.3.0.7, 6349N.006:2397W.008, h10km, mb3.5/4, Error ellipse: s-maj=8.6km s-min=4.8km az=159.3

IDC 27 05:22:12.5.1.4, 6350N.2353W, h0km, mb3.4/4, mb1 3.8/4, mb1mx3.4/21, mbtmp3.4/21, Error ellipse: s-maj=30.6km

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like INYL Nylenda, IVOS Vogosar, IKRI Krysuvik, etc.

ISCJJB 27 05:24:14.9.0.3, 6344N.003:2385W.007, h10km, mb4.1/32, MS3.6/21, Error ellipse: s-maj=5.3km

CSEM 27 05:24:14.2.0.1, 6349N.2389W, h10km, mb4.6/16, Ms3.4, MW4.9, Error ellipse: s-maj=2.5km s-min=1.8km az=159.0

IDC 27 05:24:15.4.0.7, 6336N.2413W, h0km, mb3.8/16, mb1 4.0/17, mb1mx3.9/26, mbtmp3.8/17, ML3.2/1, MS3.7/21, Ms1 3.7/21, ms1mx3.6/31, Error ellipse: s-maj=21.9km s-min=13.1km az=11.0

GCMT 27 05:24:16.2.0.3, 6351N.2386W, h14km, 1km, MW4.9/60, Moment Tensor Solution, s7.7, s60, c91, Duration: 0

REY 27 05:24:16.2.0.3, 6344N.2389W, h10km, ML3.8, ML4.1, IGYV Torodi Arr, Bea 53.43 148 P

NEIC 27 05:24:16.5.0.3, 6330N.2405W, h10km, mb4.5/21, Error ellipse: s-maj=6.9km s-min=5.3km az=212.0

ISC 27 05:24:16.5.0.3, 6349N.003:2374W.006, h10km, n123, @115/120, mb4.1/32, MS3.6/21, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like INYL Nylenda, IGRV Grindav??k, IVOG Vogar, etc.

ISCJJB 27 05:24:16.5.0.3, 6349N.003:2374W.006, h10km, n123, @115/120, mb4.1/32, MS3.6/21, Iceland region

970

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LOR Lormes, SSF Saint Sauge, SSF Saint Sauge, etc.



Table with columns: JCT, comp, 0.5nm, 0.5s, mb3.8, baz=73, slow=11, SNR=2.8, Junction City, 57.02 273 eP, P, 05 34 01.2 -0.9

ISCJB 27 05:27:43.2, 1.3, 6344N:007:240W:0.1, h1km, 7km, mb3.5/6, Error ellipse: s-maj=13.5km s-min=5.6km az=154.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, INYL Nylenda, 0.73 43 Op, P, 05 27 58.9 +0.4

MDD 27 05:40:54.2, 2.2, 3407N:1519W, h55km, 245km, mb4.1/7, Error ellipse: s-maj=69.5km s-min=12.2km az=120.0, PRXIMO

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, PMPS Porto Santo, 1.44 240 eP, P, 05 41 32.6 -2.6

Table with columns: PBDV Barranco-do-Ve, 6.61 57 Pn, Pn, 05 42 30.3 +3.0, PBDV Barranco-do-Ve, 2.2nm, 0.2s, 6.61 57 Pn, Pn, 05 42 30.3 +3.0

CSEM 27 05:51:46.8, 0.1, 6342N:2359W, h2km, mb4.7/33, Ms4.1, Mw5.0, Error ellipse: s-maj=1.7km s-min=1.3km az=164.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, INYL Nylenda, 0.62 35 Op, P, 05 52 01.6 -0.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, PMPS Porto Santo, 1.44 240 Pn, Pn, 05 41 17.2 +1.1

Table with columns: SFJD Kangerlussuaq, 11.83 299 LR, LR, 05 58 30.8, EKA Eskdalemuir Ar, 13.15 119 Pn, Pn, 05 54 58.5 +1.2

27d 5h

Table with columns for MOX, Moxa, 22.67 108 eP, P, 05 56 49.8 -2.2, etc. Lists various stations and their frequencies.

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Table with columns for LPGA, LPGA, 24.79 122 eP, P, 05 57 13.0 +0.4, etc. Lists various stations and their frequencies.

972

Table with columns for ZALV, ZALV, 20.0 4nm, 0.3s, mb3.9, bazz=340, slow=8.1, SNR=5.8, etc. Lists various stations and their frequencies.

Table with columns: GYA, comp, Z, 10nm, 0.8s, mb4.8, AMB, AMB, LR, LR, 06 36 42.6, 06 48 43.3, 06 11 14.2 -0.1, 06 11 14.2 -0.1, 06 11 14.2 -0.1

WEL 27 05:52:26.4.0.5, 3827S, 17609E, h144km, ML3.5/13, Error ellipse: s-maj=7.5km s-min=7.4km az=0.0, North Island

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

ISCJB 27 06:15:01.1.0.7, 04S, 01.1237E, 03, h10km, mb4.07, Error ellipse: s-maj=4.3km s-min=1.4km az=163.5

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

ISCJB 27 06:31:01.3.0.9, 6353N, 004.2395W, 006, h3km, 5km, mb4.0/21, MS3.9/3, Error ellipse: s-maj=6.5km s-min=3.0km az=152.0

CSEM 27 06:31:02.1.0.3, 6351N, 2386W, h10km, mb4.5/7, Ms4.0, Error ellipse: s-maj=9.1km s-min=2.3km az=163.0

REY 27 06:31:02.1, 6348N, 2409W, h10km, ML3.6, 6.4/9, MS4.0/4, Error ellipse: s-maj=18.6km s-min=9.3km az=116.9

MOS 27 06:31:02.4.0.7, 6345N, 2418W, h0km, mb3.7/13, mb1.3/9.14, mb1mx3.8/24, mbtmp3.7/14, ML3.4/1, Error ellipse: s-maj=23.8km s-min=14.2km az=7.0

NEIC 27 06:31:04.1.0.5, 6348N, 2404W, h10km, mb4.4/9, MS4.1/4, Error ellipse: s-maj=12.3km s-min=7.3km az=35.0

ISC 27 06:31:02.7.0.9, 6354N, 004.2387W, 007, h2km, 5km, n105, r142/114, mb4.0/21, MS3.9/3, Iceland region

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

Table with columns: LDF, La Druitiere, 19.81 128 eP, Pn, 06 35 32.9 -2.7, ARCES ARCES Array B, 20.03 51 P, P, 06 35 36.5 +0.1

WEL 27 05:52:26.4.0.5, 3827S, 17609E, h144km, ML3.5/13, Error ellipse: s-maj=7.5km s-min=7.4km az=0.0, North Island

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

ISCJB 27 06:15:01.1.0.7, 04S, 01.1237E, 03, h10km, mb4.07, Error ellipse: s-maj=4.3km s-min=1.4km az=163.5

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

ISCJB 27 06:31:01.3.0.9, 6353N, 004.2395W, 006, h3km, 5km, mb4.0/21, MS3.9/3, Error ellipse: s-maj=6.5km s-min=3.0km az=152.0

CSEM 27 06:31:02.1.0.3, 6351N, 2386W, h10km, mb4.5/7, Ms4.0, Error ellipse: s-maj=9.1km s-min=2.3km az=163.0

REY 27 06:31:02.1, 6348N, 2409W, h10km, ML3.6, 6.4/9, MS4.0/4, Error ellipse: s-maj=18.6km s-min=9.3km az=116.9

MOS 27 06:31:02.4.0.7, 6345N, 2418W, h0km, mb3.7/13, mb1.3/9.14, mb1mx3.8/24, mbtmp3.7/14, ML3.4/1, Error ellipse: s-maj=23.8km s-min=14.2km az=7.0

NEIC 27 06:31:04.1.0.5, 6348N, 2404W, h10km, mb4.4/9, MS4.1/4, Error ellipse: s-maj=12.3km s-min=7.3km az=35.0

ISC 27 06:31:02.7.0.9, 6354N, 004.2387W, 007, h2km, 5km, n105, r142/114, mb4.0/21, MS3.9/3, Iceland region

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

Error ellipse: s-maj=2.7km s-min=1.4km az=166.0, REY 27 06:36:43.7, 6341N, 2419W, h10km, ML3.8, ML4.0, ISCJB 27 06:36:44.5, 0.2, 6344N, 003.2392W, 004, h10km, mb4.4/45, MS4.0/24, Error ellipse: s-maj=4.0km s-min=2.3km az=158.6

MOS 27 06:36:44.5.1.1, 6337N, 2398W, h10km, mb4.7/19, MS4.0/12, Error ellipse: s-maj=15.1km s-min=7.3km az=116.3

ICD 27 06:36:44.6.0.6, 6340N, 2415W, h0km, mb3.8/14, mb1.4/0.16, mb1mx3.9/25, mbtmp3.9/16, ML3.0/2, MS4.0/14, Ms1.4/0.14, ms1mx3.8/33, Error ellipse: s-maj=22.7km s-min=12.9km az=9.0

NEIC 27 06:36:46.6.0.2, 6330N, 2405W, h10km, mb4.6/23, MS3.8/9, Error ellipse: s-maj=9.2km s-min=3.6km az=24.0

SZGRF 27 06:36:49.7, 6318N, 2406W, h33km, mb4.5, MS3.8, Iceland region

ISC 27 06:46:36.4.0.2, 6347N, 003.2380W, 004, h10km, (h12km, 5km, pP-P), n200, r1532/208, mb4.4/45, MS4.0/24, 7C, Iceland region

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





Table with columns: PDAR, LR, LR, 10 10 52.0, and various station names like 115A Sonoran Desert, X15A Humboldt, etc.

Table with columns: G14A Jackson, 51.45 315 ↑P, P, P, 09 51 42.9 +0.3, and various station names like J13A Cove Ranch, F14A Wisniewski, etc.

Table with columns: B12A Libby, 53.74 318 ↑P, P, P, 09 51 59.6 +0.1, and various station names like ARVC Arvin, D11A Klaviano Farm, etc.





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

IDC 27 11:31:59.714.2626N:11047W,h0km,mb3.0/1, mb1 3.5/5, mb1mx3.4/21, mbtmp3.1/5, MLZ5.4, Error ellipse: s-maj=21.7km s-min=13.3km az=95.0

ISCJB 27 11:32:00.51.0.2629N:006:11029W,009,h10km, mb3.2/1, Error ellipse: s-maj=11.7km s-min=8.3km az=173.3

NEIC 27 11:32:01.9.0.2619N:11034W,h10km, Error ellipse: s-maj=21.0km s-min=11.9km az=83.0

ISC 27 11:32:01.9.1.0.2615N:006:11030W,009,h10km,n10, c085/13,mb3.2/1, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPIG La Paz, LPIG La Paz, TUC Tucson, TXAR Lajitas Array, etc.

CSEM 27 11:38:42.6.0.1.3849N:3920E,h30km,MD2.8, Error ellipse: s-maj=2.3km s-min=1.5km az=137.0

DDA 27 11:38:42.8.3830N:3920E,h6km,5km,MD2.9 ISK 27 11:38:42.9.3846N:3921E,h5km,MD2.8

ISCJB 27 11:38:43.5.0.6.3841N:007:3924E,006,h146km, Error ellipse: s-maj=13.5km s-min=4.6km az=146.9

ISC 27 11:38:44.0.0.6.3843N:007:3924E,007,h17km,15km, n13,c090/22,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELZG Elazig, PTK Pertek, MALT Malatya, etc.

IDC 27 11:44:33.9.1.1.2618N:11045W,h0km,mb3.9/5, mb1 4.1/11, mb1mx4.0/25, mbtmp3.8/11, MLZ5.5, MS3.9/13, Mb1 3.9/13, ms1mx3.6/29, Error ellipse: s-maj=19.1km s-min=11.9km az=90.0

ISCJB 27 11:44:37.0.6.2630N:11031W,003,h10km, mb4.2/10, MS3.9/12, Error ellipse: s-maj=7.0km s-min=3.9km az=6.2

NEIC 27 11:44:37.0.0.8.2603N:11031W,h10km,mb4.3/17, Error ellipse: s-maj=11.6km s-min=7.3km az=220.0

ISC 27 11:44:37.0.0.6.2630N:005:11020W,003,h10km,n260, c130/257,mb4.2/11,MS3.9/12,74C-74D, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPIG La Paz, TUC Tucson, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W14A Seligman, WUAZ Wupatki, W13A Hualapai Mount, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M08A Happy Creek Ra, L10A Juniper Basin, HOPS Hopland, etc.



27d 15h

Table with columns: VACH, Vallenar, 2.49, 12, eP, Pn, 13 42 23.0 +0.8, etc.

NEIC 27 13:55:35.5, 66577N, 135837W, h20km, ML2.7(PGC), ML2.7(AEIC), After PGC.

PGC 27 13:55:35.3, 0.0, 66529N, 135858W, h20km, ML2.7/2, 114km southwest of Fort McPherson, Nt Northern Yukon Territory, Canada, Northern Yukon Territory

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 13:56:42.6, 6.4, 080N, 9774E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.4/2, mbtmp3.5/4, Error ellipse: s-maj=32.9km s-min=25.2km az=55.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISCJB 27 14:39:11.7, 3.8, 79S, 02:1585E, h1km, 39km, mb3.8/7, Error ellipse: s-maj=31.0km s-min=19.8km az=147.1

IDC 27 14:39:12.9, 0.0, 8, 792S, 15854E, h48km, 7km, mb3.7/7, mb1 3.9/8, mb1mx3.7/16, mbtmp3.8/8, MS2.1/1, Ms1 3.2/1, ms1mx2.3/26, Error ellipse: s-maj=18.9km s-min=8.6km az=44.0

NEIC 27 14:39:12.8, 0.0, 8, 787S, 15858E, Error ellipse: s-maj=16.8km s-min=15.3km az=65.0

ISC 27 14:39:13.1, 4.1, 79S, 02:1586E, h2, h51km, 44km, h51km, 1.7km, pP-P, n13, 0666/14, mb3.8/7, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 14:43:38.6, 2.0, 359N, 12751E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.5/4, mbtmp3.5/4, Error ellipse: s-maj=163.5km s-min=23.7km az=66.0, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

MOS 27 14:48:05.1, 0.9, 321N, 12586E, h131km, mb4.8/18, Error ellipse: s-maj=19.3km s-min=7.8km az=113.2

IDC 27 14:48:05.6, 2.1, 312N, 12552E, h116km, 18km, mb4.2/17, mb1 4.3/17, mb1mx4.3/19, mbtmp4.2/17, Error ellipse: s-maj=27.3km s-min=9.9km az=75.0

ISCJB 27 14:48:07.3, 0.8, 323N, 004:12610E, 006, h156km, 6km, mb4.6/51, Error ellipse: s-maj=10.0km s-min=6.3km az=171.2

BUI 27 14:48:09.3, 290N, 12585E, h192km, mb5.1, mb4.6

NEIC 27 14:48:11.4, 1.6, 313N, 12590E, h177km, 15km, mb4.7/20, Error ellipse: s-maj=13.3km s-min=5.6km az=65.0

ISC 27 14:48:08.0, 8, 320N, 12604E, 01604E, h154km, 6km, n115, 01909/109, mb4.6/51, 13C-8D, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

2007 FEB

Main table with columns: BTM, Bintulu, 12.94, 270, P, Pn, 14 51 09.2 +2.1, etc.

980

Table with columns: RST, Vanda, 82.99, 173, P, P, 15 00 17.6 +1.5, etc.

MOS 27 15:25:18.8; 1.2, 5622N; 114.22E, h18km, mb4.2/1, Error ellipse: s-maj=35.1km s-min=22.3km az=49.1

BYKL 27 15:25:19.4; 0.2, 5624N; 114.22E, h17km, 3km, 1C-1D, East of Lake Baykal

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
SVKR	Severomuyksk	0.39 252	eP	15 25 26.4	-1.0
SVKR			e	15 25 26.4	
SVKR	comp=N, 338nm, 0.4s		pmax		
SVKR	comp=N, 338nm, 0.6s		smax		
SVKR	Severomuyksk	0.39 252	eP	15 25 26.5	-0.9
SVKR			eSg	15 25 31.8	-1.0
SVKR			Pmax		
SVKR	comp=N, 343nm, 0.2s		Smax		
SVKR	comp=N, 2jm, 0.3s				
UKT	Ukati	0.82 204	iP	15 25 34.4	-1.0
UKT			eSg	15 25 45.9	-0.4
UKT	comp=N, 23nm, 0.2s		Pmax		
UKT	comp=N, 206nm, 0.4s		Smax		
NLYR	Nelyaty	0.86 72	eP	15 25 35.1	-1.1
NLYR			eSg	15 25 47.2	-0.3
NLYR			eSb	15 25 50.7	-0.6
YOA	Uoyan	1.40 267	iP	15 25 44.5	+0.4
YOA			i	15 26 04.4	
YOA	comp=Z, 67nm, 0.2s		pmax		
YOA	comp=N, 890nm, 0.4s		smax		
YOA	Uoyan	1.40 267	eP	15 25 44.5	-1.8
YOA			eSg	15 26 03.3	-1.3
YOA			Pmax		
YOA	comp=N, 69nm, 0.3s		Smax		
YOA	comp=N, 888nm, 0.3s		Smax		
BOD	Bodaibo	1.59 356	eP	15 25 46.7	0.0
BOD			e	15 26 07.2	
BOD	comp=Z, 97nm, 0.5s		pmax		
BOD	comp=Z, 97nm, 0.5s		smax		
BOD	Bodaibo	1.59 356	eP	15 25 47.1	-2.8
BOD			eSg	15 26 07.3	-3.3
BOD			Pmax		
BOD	comp=E, 68nm, 0.2s		Smax		
BOD	comp=E, 592nm, 0.3s		Smax		
KMO	Kumora	1.73 259	eP	15 25 49.4	+0.8
KMO			e	15 26 12.9	
KMO	comp=Z, 47nm, 0.3s		smax		
KMO	comp=N, 322nm, 0.9s		Smax		
KMO	Kumora	1.73 259	eP	15 25 49.4	+0.8
KMO			eP	15 25 50.5	-2.1
KMO			eSg	15 26 13.3	-1.8
KMO			Pmax		
KMO	comp=N, 46nm, 0.3s		Smax		
KMO	comp=N, 324nm, 0.5s		Smax		
YLVR	Ulyunkhan	2.21 233	eP	15 25 56.1	+0.9
YLVR			e	15 26 01.1	
YLVR	comp=Z, 22nm, 0.3s		pmax		
YLVR	comp=N, 181nm, 0.4s		smax		
YLVR	Ulyunkhan	2.21 233	eP	15 25 56.1	+0.9
YLVR			eP	15 25 58.8	-3.0
YLVR			eSg	15 26 01.8	
YLVR			eSg	15 26 28.3	-2.1
YLVR	comp=N, 23nm, 0.3s		Smax		
YLVR	comp=N, 177nm, 0.4s		Smax		
CRS	Chara	2.34 72	eP	15 25 57.6	+0.6
CRS			e	15 26 31.5	
CRS			e	15 26 31.5	
CRS	comp=Z, 38nm, 0.9s		pmax		
CRS	comp=E, 132nm, 0.6s		smax		
CRS	Chara	2.34 72	eP	15 25 57.7	+0.7
CRS			eP	15 26 01.4	-2.8
CRS			eSg	15 26 31.8	-2.6
CRS	comp=E, 30nm, 0.4s		Pmax		
CRS	comp=E, 30nm, 0.4s		Smax		
NIZ	Nizh Angarsk	2.67 262	eP	15 26 02.9	+1.4
NIZ			eSg	15 26 42.3	-2.8
NIZ	comp=E, 53nm, 0.3s		Smax		
KHNR	Khani	3.26 76	eSg	15 26 48.3	+0.4
KHNR			eSg	15 27 00.3	-3.6
SYVR	Suvo	3.55 225	eSg	15 27 08.8	-4.6
SYVR			Smax		
SYVR	comp=E, 49nm, 1.0s		Smax		
TUP	Tupik	3.75 117	eP	15 26 16.7	+0.4
TUP			eP	15 26 25.5	-4.6
TUP			eSg	15 27 15.7	-3.9
TUP	comp=E, 21nm, 0.6s		Pmax		
TUP	comp=E, 48nm, 0.7s		Smax		
CIT	Chita	4.25 186	eSg	15 27 31.3	-4.3
CIT			Smax		
OGRR	Ongureny	4.62 238	eP	15 26 29.4	+1.1
OGRR			eP	15 26 42.4	-5.4
OGRR			eSg	15 27 41.8	-5.8
OGRR	comp=E, 3.0nm, 0.4s		Pmax		
OGRR	comp=E, 20nm, 0.6s		Smax		
TRG	Tyrgan	5.76 236	eSg	15 28 17.6	-6.5
TRG			Smax		
KPC	Khapcheranga	6.64 190	eP	15 26 56.4	+0.3
KPC			eSg	15 28 44.5	+3.3
KPC	comp=E, 16nm, 0.9s		Smax		
TLY	Talaya	7.73 238	eSg	15 29 18.9	+4.1
TLY			Smax		
TLY	comp=E, 4.0nm, 0.2s		Smax		

GRW	Mount Saint Ca	1.83 29	eP	Pn	15 31 07.5	-0.1
GRW			eS	Sn	15 31 23.7	-6.8
TPR	Prospect	1.86 70	iP	Pn	15 31 08.1	+0.1
TPR			eS	Sn	15 31 09.2	-1.1
GRHS	Sauteurs	1.89 28	eP	Pn	15 31 39.1	+0.7
GRHS			eS	Sn	15 31 30.4 <td>+1.3</td>	+1.3
GRSS	Sisters	1.97 28	iP	Pn	15 31 10.6 <td>+1.2</td>	+1.2
GRSS			iS	Sn	15 31 33.8 <td>0.0</td>	0.0
GRIC	Isle de Caille	1.97 29	eP	Pn	15 31 10.6 <td>+1.1</td>	+1.1
GRIC			eS	Sn	15 31 30.8 <td>-3.1</td>	-3.1
PCRV	Puerto La Cruz	2.05 260	iP	Pn	15 31 11.7 <td>+0.9</td>	+0.9
PCRV			eS	Sn	15 31 36.0 <td>+7.8</td>	+7.8
IBAV	Isla La Blanqu	2.38 303	iP	Pn	15 31 14.8 <td>+0.4</td>	+0.4
RIOV	Rio Grande	2.57 163 <th>eP</th> <th>Pn</th> <th>15 31 18.5 <td>+1.1</td> </th>	eP	Pn	15 31 18.5 <td>+1.1</td>	+1.1
RIOV			eS	Sn	15 31 47.4 <td>-0.7</td>	-0.7
PRGV	PARIAGUAN	2.72 229	iP	Pn	15 31 20.1 <td>+0.8</td>	+0.8
PRGV			eS	Sn	15 31 52.8 <td>+1.3</td>	+1.3
GURV	Eli Guri	2.82 191	iP	Pn	15 31 21.7 <td>+1.0</td>	+1.0
GURV			eS	Sn	15 31 52.8 <td>-1.1</td>	-1.1
FCV	Fort Charlotte	2.89 26 <th>eP</th> <th>Pn</th> <th>15 31 23.0 <td>+1.4</td> </th>	eP	Pn	15 31 23.0 <td>+1.4</td>	+1.4
FCV			eS	Sn	15 32 02.9 <td>+7.2</td>	+7.2
SVV	Soufriere Volc	3.05 25 <th>eP</th> <th>Pn</th> <th>15 31 25.7 <td>+2.0</td> </th>	eP	Pn	15 31 25.7 <td>+2.0</td>	+2.0
SVV			eS	Sn	15 32 25.2 <td>-2.1</td>	-2.1
CUPV	Cospira	3.21 262	eP	Pn	15 31 26.8 <td>+0.9</td>	+0.9
CUPV			eS	Sn	15 32 03.6 <td>+0.2</td>	+0.2
SLB	Belfond	3.58 24 <th>eP</th> <th>Pn</th> <th>15 31 32.6 <td>+1.7</td> </th>	eP	Pn	15 31 32.6 <td>+1.7</td>	+1.7
SLB			eS	Sn	15 32 13.9 <td>+1.7</td>	+1.7
ORV	Isla La Orchil	3.78 290 <th>eP</th> <th>Pn</th> <th>15 31 33.8 <td>+0.2</td> </th>	eP	Pn	15 31 33.8 <td>+0.2</td>	+0.2
ORV	Petit Morin	3.80 25 <th>eP</th> <th>Pn</th> <th>15 31 30.4 <td>+0.6</td> </th>	eP	Pn	15 31 30.4 <td>+0.6</td>	+0.6
SLW	Las Mercedes	3.90 251 <th>eP</th> <th>Pn</th> <th>15 32 17.4 <td>0.0</td> </th>	eP	Pn	15 32 17.4 <td>0.0</td>	0.0
MERV	Las Mercedes	3.90 251 <th>eP</th> <th>Pn</th> <th>15 31 35.3 <td>+0.1</td> </th>	eP	Pn	15 31 35.3 <td>+0.1</td>	+0.1
MERV			eS	Sn	15 32 19.4 <td>-0.6</td>	-0.6
BIM	Bigot	4.20 20 <th>eP</th> <th>Pn</th> <th>15 31 39.1 <td>-0.2</td> </th>	eP	Pn	15 31 39.1 <td>-0.2</td>	-0.2
BIM			eS	Sn	15 31 40.5 <td>-0.2</td>	-0.2
MVM	Montagne Vauci	4.30 22 <th>eP</th> <th>Pn</th> <th>15 31 40.1 <td>-0.2</td> </th>	eP	Pn	15 31 40.1 <td>-0.2</td>	-0.2
MVM			eS	Sn	15 32 30.8 <td>+1.1</td>	+1.1
FDV	Font de France	4.38 18 <th>eP</th> <th>Pn</th> <th>15 31 41.4 <td>-0.3</td> </th>	eP	Pn	15 31 41.4 <td>-0.3</td>	-0.3
FDV			eS	Sn	15 32 27.2 <td>-4.4</td>	-4.4
LUEV	Luepa	4.80 167 <th>eP</th> <th>Pn</th> <th>15 31 47.2 <td>-0.3</td> </th>	eP	Pn	15 31 47.2 <td>-0.3</td>	-0.3
LUEV	Caicara del Or	4.91 230 <th>eP</th> <th>Pn</th> <th>15 32 18.5 <td>0.0</td> </th>	eP	Pn	15 32 18.5 <td>0.0</td>	0.0
CAOV	Caicara del Or	4.91 230 <th>eP</th> <th>Pn</th> <th>15 32 16.4 <td>-2.8</td> </th>	eP	Pn	15 32 16.4 <td>-2.8</td>	-2.8
CAOV			eS	Sn	15 31 52.3 <td>-0.5</td>	-0.5
TURM	Turiamo	5.19 269 <th>eP</th> <th>Pn</th> <th>15 31 58.1 <td>-0.6</td> </th>	eP	Pn	15 31 58.1 <td>-0.6</td>	-0.6
BAUV	Ei Baul	6.53 254 <th>eP</th> <th>Pn</th> <th>15 32 10.6 <td>-0.7</td> </th>	eP	Pn	15 32 10.6 <td>-0.7</td>	-0.7
TEPV	Terapalma	6.55 265	iP	Pn	15 32 16.1 <td>-0.5</td>	-0.5
SANV	Sanario	6.95 292	iP	Pn	15 32 18.5 <td>-0.2</td>	-0.2
SIOV	Siquisique	7.13 271 <th>eP</th> <th>Pn</th> <th>15 32 13.1 <td>-0.2</td> </th>	eP	Pn	15 32 13.1 <td>-0.2</td>	-0.2
CURV	Curarigua	7.30 266 <th>eP</th> <th>Pn</th> <th>15 32 31.4 <td>-1.4</td> </th>	eP	Pn	15 32 31.4 <td>-1.4</td>	-1.4
SDV	Santo Domingo	8.13 259 <th>eP</th> <th>Pn</th> <th>15 32 31.4 <td>-1.4</td> </th>	eP	Pn	15 32 31.4 <td>-1.4</td>	-1.4
SDV			eP	Pn	15 32 36.7 <td>-1.0</td>	-1.0
SOCV	Socops	8.48 255 <th>eP</th> <th>Pn</th> <th>15 32 18.8 <td>-0.9</td> </th>	eP	Pn	15 32 18.8 <td>-0.9</td>	-0.9
VIGV	Villa Vigia	8.84 280 <th>eP</th> <th>Pn</th> <th>15 32 52.1 <td>-1.8</td> </th>	eP	Pn	15 32 52.1 <td>-1.8</td>	-1.8
VIRV	Vioca del Rosa	9.66 271 <th>eP</th> <th>Pn</th> <th>15 32 52.1 <td>-1.8</td> </th>	eP	Pn	15 32 52.1 <td>-1.8</td>	-1.8

ICD 27 16:00:19.5; 59.0, 1672S; 17718W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/14, mbtimp3.7/3, Error ellipse: s-maj=1090.0km s-min=165.2km az=78.0, Fiji Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
STKA	Stevens Creek	40.23 240	Op	16 07 58.5	+0.4
WRA	Warramunga Arr	46.02 258	P	16 08 44.5	-0.6
ASAR	Alice Springs	46.25 253	P	16 08 46.9	0.0

ICD 27 16:13:49.6; 1.1, 3588S; 10645W, h0km, mb4.5/10, mb1 4.6/10, mb1mx4.5/16, mbtimp4.5/10, MS4.2/14, MS1 4.2/14, MS1mx4.1/19, Error ellipse: s-maj=32.9km s-min=24.2km az=24.0

GCMT 27 16:13:51.3; 0.2, 3519S; 106.14W, h24km, 1km, MW5.2/71, Moment Tensor Solution, s43,c56; s71,c112; Duration: 0. Moment tensor: Scale 10<sup>16</sup>Nm; M<sub>0</sub> 20<sup>24</sup>; M<sub>20</sub>-2.70<sup>21</sup>; M<sub>20</sub>-2.50<sup>23</sup>; M<sub>20</sub>-0.53<sup>33</sup>; M<sub>20</sub>-6.67<sup>20</sup>; M<sub>20</sub>-1.48<sup>34</sup>; Best double couple: M<sub>0</sub> 32700<sup>10</sup>16 NP1<sub>30</sub>101.00000<sup>0</sup>, 878.00000<sup>0</sup>, -179.00000<sup>0</sup>. NP2: 0<sub>1</sub>11.00000<sup>0</sup>, 889.00000<sup>0</sup>, -12.00000<sup>0</sup>. Principal axes: T 7.1830, Plg8.000<sup>0</sup>, Azm56.0000<sup>0</sup>, N 0.2880, Plg78.0000<sup>0</sup>, Azm185.0000<sup>0</sup>; P -7.4710, Plg9.0000<sup>0</sup>, Azm325.0000<sup>0</sup>; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 16:13:51.3; 0.2, 3519S; 106.25W, h10km, mb4.9/8, Error ellipse: s-maj=23.0km s-min=16.9km az=22.0

ISCJB 27 16:13:52.6; 0.6, 3541S; 106.00W, h10km, mb4.6/18, MS4.2/14, Error ellipse: s-maj=18.8km s-min=11.7km az=17.5

BUI 27 16:13:58.3; 3590S; 106.30W, h10km

ISC 27 16:13:54.9; 0.6, 3536S; 106.10W, h2.0, h10km, (h8km, 6km; pP, n51, 0<sub>1</sub>11/28, mb4.6/18, MS4.2/14, 2C, Southern East Pacific Rise

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
RPN	Rapa Nui	8.67 340	Op	16 24 43.7	
USHA	Ushuaia	32.40 139	P	16 20 18.1	-6.4
USHA	comp=Z, 1jm, 19.5s, MS4.7, bazz=223, slow=31		LR	16 30 22.9	
ARE	Arequipa	36.11 68	eP	16 20 57.0	-0.2
ATAH	Atahualpa	37.99 49	P	16 21 12.4	-0.7
ATAH	comp=Z, 92nm, 21.3s, MS3.6, bazz=221, slow=26		LR	16 31 37.6	
PMSA	Palmer Station	38.67 153	LR	16 31 26.8	
LPAZ	La Paz	38.78 71	eP	16 21 20.4	+0.6
LPAZ	comp=Z, 71nm, 20.5s, MS3.5, bazz=307, slow=28		LR	16 34 02.8	
LPAZ	La Paz	38.78 71	P	16 21 20.9	+1.0
LPAZ	comp=Z, 184nm, 21.0s, MS3.9, bazz=255, slow=31		LR	16 34 02.8	
PPT	Papeete	42.02 283	eS	16 28 05.3	-5.9
PPT	comp=Z, 358nm, 29.1s		S	16 31 33.5	
PPT	2jm, 28.0s		eLQ	16 33 23.5	
PPT	200nm, 23.0s		eLR	16 34 03.4	













Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include BODT Bodrum, BTKOK Tokmak, EZINE Ezine, etc.

ISCJB 27 18:20:48.5 1.1, 3962N.005:4095E.009, h8km, Error ellipse: s-maj=10.4km s-min=5.8km az=26.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include EZM Erzurum, ERZM Erzurum, BNGL BINGOL, etc.

ISCJB 27 18:59:17.0 0.5, 3035N.009:1390E.02, h443km, 11km, mb3.4/12, Error ellipse: s-maj=32.5km s-min=8.4km az=160.6

JMA 27 18:59:18.9 0.3, 3041N:139.14E, h430km, M3.4, Error ellipse: s-maj=61.9km s-min=13.3km az=74.0

NEIC 27 18:59:18.4 1.7, 3032N:138.51E, h427km, 28km, mb3.7/7, Error ellipse: s-maj=61.3km s-min=17.9km az=69.0

ISC 27 18:59:18.1 0.6, 3033N.009:1390E.02, h438km, 11km, n28, c1940/32, mb3.4/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include CBIJ Chichi jima, JIE Boso, JOD2 Odawara 2, etc.

ISC 27 19:23:32.0 7.2, 3631N:71.11E, h187km, 61km, mb3.2/5, mb1 3.2/7, mb1mx3.0/23, mbtprp3.1/7, Error ellipse: s-maj=32.2km s-min=2.4km az=151.0

NEIC 27 19:23:35.9 2.1, 3652N:71.38E, h262km, 11km, mb3.9/2, Error ellipse: s-maj=28.0km s-min=12.1km az=134.0

ISCJB 27 19:23:37.9 1.0, 3680N:010:710E.02, h210km, 9km, n25, c1905/30, mb3.3/4, 1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include KBL Kabul, AML Almayashov, UCH Uchtor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include AKKT Aktyubinsk, ZALV Zalesovo Beam, ULN Ulanbaatar, etc.

ISC 27 19:25:46.6 1.4, 5976N:146.20W, h0km, mb3.7/3, mb1 3.7/5, mb1mx3.4/23, mbtprp3.7/5, ML3.2/2, Error ellipse: s-maj=32.0km s-min=15.8km az=0.0

ISCJB 27 19:25:47.0 0.6, 5946N.005:146.23W, 0.07, h34km, 8km, mb3.9/3, Error ellipse: s-maj=9.1km s-min=5.7km az=169.8

NEIC 27 19:25:49.0, 5954N:146.29W, h16km, ML3.6(PMR), ML3.5(AEIC), After ROM

ISC 27 19:25:49.3 0.8, 5950N.005:146.27W, 0.07, h25km, 7km, n38, c0984/3, mb3.9/3, Gulf of Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include MID Middleton Isla, EYAK Cordova Ski Ar, RAGM Ragged Mountai, etc.

LDG 27 19:54:17.6 0.1, 4401N:89.7E, h7km, Md3.3/1, M3.2/26, Error ellipse: s-maj=2.0km s-min=1.3km az=172.0

ROM 27 19:54:17.5 0.5, 4405N:89.3E, h10km, 5km, Md2.9/24, M3.0/21, Error ellipse: s-maj=3.3km s-min=1.6km az=158.0

CSEM 27 19:54:17.8 0.1, 4400N:89.8E, h12km, ML3.4/34, Error ellipse: s-maj=1.4km s-min=0.8km az=176.0

NEIC 27 19:54:17.5, 4405N:89.3E, h10km, ML3.3(STR), ML3.0(ROMA), ML3.2(LDG), After ROM

ISCJB 27 19:54:18.3 0.3, 4405N:89.2E:89.2E.02, h27km, 3km, Error ellipse: s-maj=3.2km s-min=1.8km az=171.1

GEN 27 19:54:18.3, 44.15N:89.7E, h16km, ML3.0, SZGRF 27 19:54:19.4, 44.21N:89.4E, h10km, mb3.5, Northern Italy

STR 27 19:54:19.0 1.0, 44.24N:88.0E, h5km, M3.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

PRU 27 19:54:20.7, 44.02N:101.5E, h0km, Error ellipse: s-maj=1.8km s-min=1.8km az=0.0

ISC 27 19:54:17.8 0.2, 4406N.002:88.9E:001, h16km, 11km, n339, c135/533, 40C-9D, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include GENL Genova University, PCP Pian Castagno, RORO Roro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include SBF Sospel, ERBM Erema, TOUF Mont Tournera, etc.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Miracle, GERESS Array S, Kasperske Hory, etc.

NIED 27-19:57:00, 24.10N, 121.70E, h35km, Mw4.0. Best double couple: Mo1.28000x1015 NP1.2e+1.000000, s65.000000, lambda17.000000. NP2.1e+15.000000, s63.000000, lambda39.000000. NEIC 27-19:57:09.7z, 1.2412N, 121.91E, h28km, mb4.4/15, ML4.7(TAP), Error ellipse: s-maj=10.6km s-min=8.5km az=59.0

NEIC Recorded [3 TAP] in Hua-lien and I-lan; [2 TAP] in Nan-tou; [1 TAP] in Chang-hua and Tai-chung Counties. JMA 27-19:57:10.2z, 1.2412N, 121.72E, h34km, Mb3.9. ISCJB 27-19:57:10.1z, 0.5, 2406N, 0.05, 121.73E, 0.03, h40km, km, mb4.1/26, Error ellipse: s-maj=9.0km s-min=3.7km az=9.4. IDC 27-19:57:11.7z, 4.2, 2402N, 121.83E, h51km, 40km, mb3.6/10, mb1.3/12, mb1mx3.7/23, mbtmp3.7/12, ML3.9/2, Error ellipse: s-maj=33.3km s-min=15.2km az=66.0. BUJ 27-19:57:14.2z, 24.36N, 121.52E, h28km, mb4.6, mb3.9, ML4.0. ISC 27-19:57:10.7z, 0.6, 2408N, 0.05, 121.74E, 0.02, h29km, 4km, n51.1, c1507/62, mb4.1/26, 1C, Taiwan

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NACB, YHNB, Taipei, etc.

IDC 27-20:05:23.1z, 53.0, 121.0S, 16795W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.8/1.6, mbtmp4.0/3, Error ellipse: s-maj=1092.0km s-min=195.2km az=77.0, Samoa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs.

MEX 27-20:08:02.6z, 0.3, 2582N, 111.20W, h6km, 42km, MD5.2. MOS 27-20:08:07.2z, 1.1, 2594N, 110.43W, h10km, mb5.2/19, Error ellipse: s-maj=8.5km s-min=4.6km az=88.6. IDC 27-20:08:07.7z, 0.6, 2616N, 110.56W, h0km, mb4.4/19, mb1.4/5.24, mb1mx4.5/3.0, mbtmp4.4/24, ML4.8/1, MS4.3/25, Ms1.4/3/25, ms1mx4.2/3.0, Error ellipse: s-maj=15.1km s-min=9.5km az=77.0. ISCJB 27-20:08:08.0z, 0.3, 2600N, 0.03, 110.37W, 0.03, h10km, mb4.8/57, MS4.4/27, Error ellipse: s-maj=4.9km s-min=2.6km az=36.9. GCMT 27-20:08:09.0z, 0.3, 2625N, 110.70W, h13km, 1km, MW5.0/62, Moment Tensor Solution, s25, c33; s62, c66; Duration: 0. Moment tensor: Scale: 1016Nm; Mr-3.49z, 21; Mw-0.55z, 13; Mw-0.44z, 15; Mw-0.33z, 44; Mw-0.71z, 10; Mw-1.74z, 32; Best double couple: Mo2.41000x1016 NP1.3e+353.000000, s33.000000, lambda-88.000000. NP2: phi170.000000, s57.000000, lambda-91.000000. Principal axes: T 4.5300, Plg12.0000, Azm261.0000; N -0.6580, Plg1.0000, Azm171.0000; P -3.8810, Plg78.0000, Azm76.0000; nst1 refers to surface waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. BUJ 27-20:08:09.0z, 2600N, 110.50W, h10km, mb5.4, mb4.9, Ms5.0, Ms24.6. NEIC 27-20:08:09.0z, 0.3, 2598N, 110.46W, h10km, mb4.8/58, MS4.6/1, Error ellipse: s-maj=6.0km s-min=4.1km az=221.0. ISC 27-20:08:09.6z, 0.3, 2596N, 0.03, 110.36W, 0.02, h10km, n483, c1133/466, mb4.8/58, MS4.4/27, 112C-1000, Gulf of California

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like La Paz, Tucson, Lajitas, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mount Baldy St, Nelson, Mt Trumbull, etc.





Table of astronomical observations for 27d 20h, listing station codes (e.g., JTS, BBB, SSPA), station names, coordinates, and observation times.

Table of astronomical observations for 2007 FEB, listing station codes (e.g., CLL, VSU, BOD), station names, coordinates, and observation times.

Table of astronomical observations for 990, listing station codes (e.g., JHM, UWA2, JET), station names, coordinates, and observation times.

NIED 27 20:11:00, 3390N:13200E, h77km, Mw3.8 Best double...
ISCJB 27 20:11:32.8±0.5, 3386N:005:13200E:005, h69km±4km, mb3.5/4, Error ellipse: s-maj=7.8km s-min=6.4km az=13.8

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Walferdange, Doures, Unterbreizbach, Clausthal, Baives, Refroy, Moxa, Champ du Feu, Maizeries J'vi, Grafenberg Arr, Black Forest, Werda, Gunzen, Tann, Hinterfeld, Kasperke Hory, La Chapelle, Panska Ves, Saint Saulge, Pruhonice, Avrill sur Loir.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AVF, Signal de Mont, La Druitiere, La Folinie, Gorrion, La Plagne, Toulx Ste Croi, Dobruska-Polom, Oris-en-Rattie, Saint Martin d, Saint Martin d, Saint Gilles, Rosf, Rosf, Rosf, Quif, Quif, CSEM 27 20:44:42.4, 3843N, 2716E, h4km, MD2.9, After ISK, ISK 27 20:44:42.4, 3843N, 2716E, h4km, MD2.9, ISJCJB 27 20:44:42.4, 0.0, 5, 3842N, 004, 2717E, 004, h5km, 5km, Error ellipse: s-maj=7.4km s-min=4.6km az=165.4, ISK 27 20:44:43.3, 0.5, 3840N, 005, 2717E, 004, h5km, 4km, n31, 0560/37, Turkey, IZM Izmir, KADAG Bornova, BLCB Balçova, BLCB Balçova, BLCB Balçova, URLA Izmir, AKS Akhisar, AKS Akhisar, AKS Akhisar, KULA Kula-Manisa, KULA Kula-Manisa, MLBS Milas, MLBS Milas, BODT Bodrum, BODT Bodrum, BALB Balikesir, BALB Balikesir, YER Yerkesik, YER Yerkesik, EZN Ezine, KHL Karahalli, KHL Karahalli, BNT Bandirma, BNT Bandirma, KCT Karacabey, KCT Karacabey, MFT Murette, MFT Murette, IZI Izik, IZI Izik, YLV Yalova, YLV Yalova, CSEM 27 20:58:32.5, 0.2, 3982N, 4122E, h5km, MD3.1, Error ellipse: s-maj=6.0km s-min=4.7km az=30.0, ISK 27 20:58:32.9, 3989N, 4122E, h4km, MD3.1, ISJCJB 27 20:58:33.1, 1.1, 3985N, 4119E, 006, h2km, 6km, Error ellipse: s-maj=7.9km s-min=6.1km az=2.7, DDA 27 20:58:34.4, 3982N, 4131E, h5km, MD3.1, ISK 27 20:58:33.7, 0.9, 3986N, 004, 4120E, 006, h5km, 6km, n12, 0581/21, Turkey, EZM Erzurum, EZM Erzurum, ERZM Erzurum, ERZM Erzurum, BINGL BINGOL, BINGL BINGOL, ERZC Erzincan, ERZC Erzincan, TUTA Tutak, TUTA Tutak, AGRB Hanur-Agry, AGRB Hanur-Agry, ARTV Artvin, ARTV Artvin, GUMT Gumushane, GUMT Gumushane, BKA Borcka, BKA Borcka, TEH 27 20:58:35.7, 3208N, 5574E, h3km, ML3.6, THR 27 20:59:21.6, 0.3, 3203N, 5591E, h15km, ML3.5, ISJCJB 27 20:59:22.9, 0.4, 3208N, 004, 5572E, 003, h10km, Error ellipse: s-maj=5.2km s-min=3km az=165.7, CSEM 27 20:59:23.0, 1.1, 3208N, 5574E, h16km, ML3.6, Error ellipse: s-maj=2.3km s-min=1.5km az=154.0, ISK 27 20:59:24.3, 0.4, 3205N, 004, 5573E, 003, h10km, n37, 0593/48, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Bafgh, Chekchek, Mehri, Zefreh, Sarvestan, Sarvestan, Sefidab, Kalahroud, Firoozkooh, Damavand, Damavand, Parar-Amol, Payeh, Kardeh, Esferayan, Esferayan, Ashlian, Ashlian, Charan, Tehran-Karaj, Mianeh taph, Miamiy, Warramunga Arr, Alice Springs, Stephens Creek, Songino Array, Makanchi Array, Warramunga Arr, Alice Springs, Makanchi Array, Warramunga Arr, Alice Springs, Makanchi Array, Bistlig, Butuan, Surigao, Musuan, Cagayan de Oro, Maasin, Tosashimizu, Uwa jima 2, Usuiki, Nagahama, Kugakawa, Tanbara.



Table with columns: PLAL, Pickwick Lake, 22.03, 1 eP, P, 22 19 12.8 +0.2. Includes stations like MIAR, UALR, SJC, JKS, SWET, TKL, etc.

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

Table with columns: IZEF, Zefreh, 5.29 334 Pn, Pn, 22 29 31.7 -0.2. Includes stations like IZEF, IZEF, IZEF, IZEF, etc.

IDD 27 22:23:04.51.3.2619N:11037W, h0km, mb3.6/1, mb1 4.0/5, mb1mx3.8/21, mbtpp3.6/5, ML3.8/3, MS3.9/4, Ms1 3.9/4, ms1mx4.1/18, Error ellipse: s-maj=24.3km s-min=12.9km az=93.0







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

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

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



Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like ERTA Horta de San J, ERTE Horta de San J, ERTE Horta de San J, etc.

Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like KAKA Kakadu, KSM Kuching, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like KURK Kurchatov, CASEY Casey, BRVK Borovoye, etc.

BUI 27 23:02:27.0, 0.99N, 127.96E, h150km, mb5.0, mb4.7
MOS 27 23:02:33.1, 0.9, 1.59N, 127.39E, h154km, mb4.5/16, Error ellipse: s-maj=16.5km s-min=7.7km az=107.8

UCH Uchter 62.29 318 eP P 23 12 41.7 +1.4
AAK Ala-Archa 62.48 318 eP P 23 12 41.0 -0.6
AAK Ala-Archa 62.48 318 eP P 23 12 41.0 -0.6

NIED 27 23:57:00, 28.70N, 128.60E, h107km, Mw4.3 Best double couple: Ms=7.0000x10^15 NP1=24.00000, 542.00000, 132.00000, NP2=269.00000, 869.00000, 127.00000
BUI 27 23:57:25.0, 28.47N, 128.96E, h125km, mb4.5, mb4.4



28th 1h

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

2007 FEB

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like VISS, CSS, CRVS, and various regional stations.

1000

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like OTAV, PAYG, JTS, and various regional stations.





28d 3h

ATH 28 02:44:53.0, 3388N-2585E, h13km, 2km, MD4.0/7
ISCJB 28 02:44:53.3, 1.2, 3397N.004:2589E.005, h33km, 11km,
mb3.7/12, MS4.0/2, Error ellipse: s-maj=8.4km

ISC 28 02:44:55.7-1.0, 3407N.004:2591E.004, h16km, 7km, n68,
s-min=4.2km, az=41.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like XRY Khrisi, NPS Neapolis, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GVD Gavdhos, KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLL Jalalah, AMAG Maghara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOI Samo, GRI Girifalco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HDK1 Dakha, MTG Motta San Giov, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASF Jabal al Asfar, VAE Valguarnera, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GERES GERES Array B, ESDC Sonseca Array, etc.

2009 FEB

PDAR Pinedale Array 86.89 44 P P 03 22 20.1 -0.7
GERES GERES Array B 146.34 345 PKPbc PKPbc 03 29 13.7 -0.7

IDC 28 03:17:49.9, 3.8, 3994N.7360E, h0km, mb3.5/1, mb1.3/4.4,
mb1mx3.2/24, mbtmp3.3/4, ML3.0/3, Error ellipse:
s-maj=63.1km s-min=25.7km az=165.0

NEIC 28 03:17:56.5, 3.5, 4080N.7312E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=40.8km s-min=15.0km az=1.0

MOS 28 03:18:13.2, 1.2, 4209N.7324E, h33km, mb3.9/1,
Error ellipse: s-maj=21.9km s-min=12.2km az=68.8

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK AAl-Archa, AAK AAl-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, etc.

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

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

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

1002

CD2 Chengdu 2838 316 eP P 03 36 19.3 -0.6
CD2 Chengdu 2838 316 eP P 03 36 19.3 -0.6

FITZ Fitzroy Cross 29.37 181 eP P 03 36 28.0 -0.7
FITZ Fitzroy Cross 29.37 181 eP P 03 36 28.5 -0.3

COEN Coen 36.30 146 eP P 03 36 37.1 -0.4
LZH Lanzhou 31.76 324 eP P 03 36 55.5 +5.8

WRA Warramunga Arr 32.2 165 P P 03 36 52.5 -1.4
WB2 Warramunga Arr 32.2 165 /P P 03 36 52.6 -1.1

ASAR Alice Springs 35.72 168 P P 03 37 24.1 -0.1
ASAR Alice Springs 35.72 168 P P 03 37 24.1 -0.1

CTAO Charters Tower 37.06 148 eP P 03 37 35.2 -0.5
CTAO Charters Tower 37.06 148 eP P 03 37 35.2 -0.5

LSA Lhasa 37.27 304 P P 03 37 38.8 +0.8
LSA Lhasa 37.27 304 P P 03 37 38.8 +0.8

STKA Stephens Creek 45.55 162 P P 03 38 46.5 +3.1
STKA Stephens Creek 45.55 162 P P 03 38 46.5 +3.1

MK31 Makanchi Array 51.03 322 eP P 03 39 28.0 +0.7
MK31 Makanchi Array 51.03 322 eP P 03 39 28.0 +0.7



Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PKSM Moragy, MOA Mollin, ARSA Arzberg, etc.

ISC/JB 28 04:20:53.9, 0.1, 3994N-002.2395E:002, h7km, 3km, mb3.8/4, Error ellipse: s-maj=2.8km s-min=2.6km az=31.2

ATH 28 04:20:54.6, 0.9, 3995N-2398E, h28km, 1km, MD3.8/18, ML3.8

THE 28 04:20:55.2, 3996N-2390E, h5km, ML4.2

SKO 28 04:20:57.2, 4003N-2390E, h11km

ISC 28 04:20:58.8, 0.1, 3992N-002.2395E:002, h3km, 3km, n187,

s-maj=24.6km s-min=14.5km az=106.0

NEIC 28 04:20:54.8, 3995N-2387E, h28km, ML3.8(ATH), After

MOS 28 04:20:54.0, 0.9, 3995N-2398E, h16km, mb3.9/1, Error

ATH 28 04:20:54.6, 3995N-2388E, h28km, 1km, MD3.8/18, ML3.8

CSEM 28 04:20:54.9, 0.1, 3994N-2395E, h15km, ML2.2, Error

THE 28 04:20:55.2, 3996N-2390E, h5km, ML4.2

SKO 28 04:20:57.2, 4003N-2390E, h11km

ISC 28 04:20:58.8, 0.1, 3992N-002.2395E:002, h3km, 3km, n187,

s-maj=24.6km s-min=14.5km az=106.0

Main table of station data with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PAIG Paliouri, OUR Ouranopolis, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like VLX Vlachokerasia, VLN Vlachokerasia, etc.

CSEM 28 04:37:10.7, 0.1, 3839N-3926E, h2km, MD3.6, Error

ATH 28 04:37:10.8, 3842N-3925E, h5km, MD3.6

NSSB 28 04:37:10.9, 3815N-3926E, h15km, 8km

ISC/JB 28 04:37:11.0, 0.1, 3837N-3927E:003, h4km, 5km,

Error ellipse: s-maj=5.0km s-min=3.2km az=156.3

DDA 28 04:37:13.6, 3834N-3927E, h8km, MD3.5

ISC 28 04:37:13.0, 0.6, 3839N-003.3928E:003, h4km, 4km, n61,

s-maj=86.14D, Turkey

Main table of station data with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like WLS Vlachokerasia, VLN Vlachokerasia, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PTK Malatya, MALT Malatya, etc.

IDC 28 04:43:01.7, 13.0, 662S-12937E, h119km, 145km, mb3.1/1,

mb1.3/2.4, mb1mx3.0/1.5, mtmp3.0/4, ML3.0/1, Error

ellipse: s-maj=82.7km s-min=56.5km az=25.0, Banda

Sea

Main table of station data with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

NEIC 28 05:03:17.0, 825N-8283W, h10km, mb3.7/2,

MD4.0(CASC), After CASC.

CASC 28 05:03:17.4, 0.1, 812N-8285W, h30km, 10km, MD4.4,

mb3.7(NEIC), 11C-12D, Panama-Costa Rica border

Main table of station data with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like DVD David, DVD David, etc.

SDCO Great Sand Dun 35.92 329 eP P 05 10 16.8 +1.8
BW06 Boulder Array 41.73 330 eP P 05 11 05.9 +2.2

NNC 28 05:18:25.6:2, 3709N-7113E, h199km, 88km, mb2.6, mpv3.6, 4C-2D, Error ellipse: s-maj=60.8km

Code Station Name Delta AZZ Phase ID Time Res ISC
KK31 Karatay Array 6.03 356 Op Pn 05 19 53.5 +0.8
KK31 12m, 0.2s, baz=184, slow=15, SNR=6.1

IDC 28 05:19:37.1:6.0, 1773S-6976W, h53km, 46km, mb3.3/2, mb1 3.6/4, mb1mx3.4/17, mbtmp3.5/4, ML4.0/1, MS3.3/1

Code Station Name Delta AZZ Phase ID Time Res ISC
LPAZ La Paz 2.12 48 P Pn 05 20 37.0 +1.7
LPVZ San Ignacio 8.50 80 P Pn 05 21 38.5 +1.0

NEIC 28 05:22:35.6:0.6, 2975S-7203W, h3km, ML3.7(GUC), After GUC

GUC 28 05:22:35.6:0.6, 2975S-7203W, h3km, 9km, MD4.1, ML3.7, 2C-7D, Off coast of central Chile

Code Station Name Delta AZZ Phase ID Time Res ISC
LSCH La Serena 0.70 104 Op Pn 05 23 00.7 +2.4
LSCH La Serena 0.70 104 Op Pn 05 23 00.7 +2.4

ISCJB 28 05:26:58.6:1.0, 1435N-007:9292W, h59km, 10km, mb3.7/6, MS3.5/2, Error ellipse: s-maj=13.0km

Code Station Name Delta AZZ Phase ID Time Res ISC
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9

IDC 28 05:27:00.4:2.5, 1453N-9275W, h56km, 23km, mb3.5/4, mb1 3.7/7, mb1mx3.5/21, mbtmp3.5/7, ML3.6/3, MS3.2/3

Code Station Name Delta AZZ Phase ID Time Res ISC
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9

NEIC 28 05:27:01.0, 1432N-9299W, h29km, mb3.7/4, MD4.3(MEX), After MEX

CASC 28 05:27:02.4:2.9, 1447N-9262W, h23km, 13km, MD4.1, mb3.7(NEIC)

Code Station Name Delta AZZ Phase ID Time Res ISC
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9

MEX 28 05:27:02.5:0.3, 1447N-9298W, h20km, 85km, MD4.4, ISC 28 05:27:00.5:0.8, 1443N-006:9285W, h53km, 9km, n27, s=152/31, mb3.7/6, MS3.5/2, 1C-1D, Near coast of Chiapas

Code Station Name Delta AZZ Phase ID Time Res ISC
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9

YKA Yellowknife Ar 50.43 347 P P 05 35 51.7 -0.7
2.2nm, 0.6s, mb4.3, baz=150, slow=7.4, SNR=40

ISCJB 28 05:35:54.3:0.8, 1411N-006:9296W, h10km, mb3.7/6, Error ellipse: s-maj=9.2km s-min=7.1km az=26.3

NEIC 28 05:36:01.8, 1423N-9318W, h15km, MD4.4(MEX), After MEX

Code Station Name Delta AZZ Phase ID Time Res ISC
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9

MEX 28 05:36:02.0:0.6, 1423N-9317W, h20km, 84km, MD4.4, CASC 28 05:36:10.2:2.7, 1444N-9205W, h33km, 12km, MD4.2

Code Station Name Delta AZZ Phase ID Time Res ISC
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9

NEIC 28 05:36:10.2:2.7, 1444N-9205W, h33km, 12km, MD4.2, ISC 28 05:35:56.1:0.8, 1412N-006:9296W, h10km, n24, s=152/29, mb3.7/6, 2C-2D, Near coast of Chiapas

Code Station Name Delta AZZ Phase ID Time Res ISC
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9
JAT Jato 1.18 95 Op Pn 05 27 21.5 +0.9

IDC 28 05:48:24.9:4.6, 6175S-12916E, h327km, 49km, mb2.5/1, mb1 3.0/4, mb1mx2.8/14, mbtmp2.8/4, Error ellipse: s-maj=60.5km s-min=16.4km az=72.0, Banda Sea

Code Station Name Delta AZZ Phase ID Time Res ISC
FITZ Fitzroy Crossi 12.35 196 Op Pn 05 51 107.0 -0.4
FITZ Fitzroy Crossi 12.35 196 Op Pn 05 51 107.0 -0.4

NEIC 28 06:10:56.3:0.3, 1601N-9757W, h16km, MD4.0(MEX), After MEX

MEX 28 06:10:56.2:0.6, 1601N-9758W, h16km, 9km, MD4.0, Oaxaca

Code Station Name Delta AZZ Phase ID Time Res ISC
PNIG Pinotepa 0.65 306 Op Pn 06 11 06.6 +2.4
PNIG Pinotepa 0.65 306 Op Pn 06 11 06.6 +2.4

ISCJB 28 06:18:53.6:3.0, 386S-005:13128E, h6km, 20km, mb4.5/14, Error ellipse: s-maj=15.9km s-min=7.1km

BJI 28 06:18:53.0, 380S-13130E, h10km, mb4.6, IDC 28 06:18:55.3:0.7, 370S-13123E, h0km, mb4.4/7, mb1 4.5/7, mb1mx4.3/14, mbtmp4.4/7, Error ellipse: s-maj=69.1km s-min=16.4km az=66.0

NEIC 28 06:18:56.1:0.5, 381S-13128E, h10km, mb6.7/11, Error ellipse: s-maj=15.9km s-min=7.6km az=59.0

Code Station Name Delta AZZ Phase ID Time Res ISC
KAKA Kakadu 8.86 173 Op Pn 06 21 05.5 +1.4
KAKA Kakadu 8.86 173 Op Pn 06 21 05.5 +1.4

ASAR 5.1nm, 0.6s, baz=355, slow=26, SNR=5.4 S Sn 06 27 03.7 -8.6

MBWA Marble Bar 20.55 212 eP P 06 23 36.1 +1.2
KSM Charters Tower 21.65 284 eP P 06 23 46.8 -0.3
CTA Charters Tower 21.72 139 eP P 06 23 49.5 +1.8

Code Station Name Delta AZZ Phase ID Time Res ISC
ASAR 5.1nm, 0.6s, baz=355, slow=26, SNR=5.4 S Sn 06 27 03.7 -8.6
MBWA Marble Bar 20.55 212 eP P 06 23 36.1 +1.2

SKHL 28 06:20:45.0:0.1, 5515N-12420E, h9km, 1km, mb3.7/7, 1C, Southeastern Siberia

Code Station Name Delta AZZ Phase ID Time Res ISC
CLNS Chul'man 1.73 13 Op Pn 06 21 17.3 +2.2
CLNS Chul'man 1.73 13 Op Pn 06 21 17.3 +2.2

NAO 28 06:19:44.9:1.7, 6759N-3382E, ML2.1, IEL 28 06:19:44.9:0.5, 6763N-3394E, h0km, ML1.6, ISC 28 06:19:44.2:1.0(A/O), Explosion

Code Station Name Delta AZZ Phase ID Time Res ISC
APAA Apatity Array 0.28 265 Op Pn 06 19 51.1 +1.5
APAA Apatity Array 0.28 265 Op Pn 06 19 51.1 +1.5

ISCJB 28 06:19:44.2:1.0, 6763N-3394E, h0km, ML1.6, ISC 28 06:19:44.2:1.0(A/O), Explosion

Code Station Name Delta AZZ Phase ID Time Res ISC
APAA Apatity Array 0.28 265 Op Pn 06 19 51.1 +1.5
APAA Apatity Array 0.28 265 Op Pn 06 19 51.1 +1.5

ISCJB 28 06:18:53.6:3.0, 386S-005:13128E, h6km, 20km, mb4.5/14, Error ellipse: s-maj=15.9km s-min=7.1km

BJI 28 06:18:53.0, 380S-13130E, h10km, mb4.6, IDC 28 06:18:55.3:0.7, 370S-13123E, h0km, mb4.4/7, mb1 4.5/7, mb1mx4.3/14, mbtmp4.4/7, Error ellipse: s-maj=69.1km s-min=16.4km az=66.0

NEIC 28 06:18:56.1:0.5, 381S-13128E, h10km, mb6.7/11, Error ellipse: s-maj=15.9km s-min=7.6km az=59.0

Code Station Name Delta AZZ Phase ID Time Res ISC
KAKA Kakadu 8.86 173 Op Pn 06 21 05.5 +1.4
KAKA Kakadu 8.86 173 Op Pn 06 21 05.5 +1.4

ISCJB 28 06:18:53.6:3.0, 386S-005:13128E, h6km, 20km, mb4.5/14, Error ellipse: s-maj=15.9km s-min=7.1km

BJI 28 06:18:53.0, 380S-13130E, h10km, mb4.6, IDC 28 06:18:55.3:0.7, 370S-13123E, h0km, mb4.4/7, mb1 4.5/7, mb1mx4.3/14, mbtmp4.4/7, Error ellipse: s-maj=69.1km s-min=16.4km az=66.0

NEIC 28 06:18:56.1:0.5, 381S-13128E, h10km, mb6.7/11, Error ellipse: s-maj=15.9km s-min=7.6km az=59.0

Code Station Name Delta AZZ Phase ID Time Res ISC
KAKA Kakadu 8.86 173 Op Pn 06 21 05.5 +1.4
KAKA Kakadu 8.86 173 Op Pn 06 21 05.5 +1.4

ISCJB 28 06:18:53.6:3.0, 386S-005:13128E, h6km, 20km, mb4.5/14, Error ellipse: s-maj=15.9km s-min=7.1km

BJI 28 06:18:53.0, 380S-13130E, h10km, mb4.6, IDC 28 06:18:55.3:0.7, 370S-13123E, h0km, mb4.4/7, mb1 4.5/7, mb1mx4.3/14, mbtmp4.4/7, Error ellipse: s-maj=69.1km s-min=16.4km az=66.0

NEIC 28 06:18:56.1:0.5, 381S-13128E, h10km, mb6.7/11, Error ellipse: s-maj=15.9km s-min=7.6km az=59.0

Code Station Name Delta AZZ Phase ID Time Res ISC
KAKA Kakadu 8.86 173 Op Pn 06 21 05.5 +1.4
KAKA Kakadu 8.86 173 Op Pn 06 21 05.5 +1.4













28d 11h

Table with columns: SOH, VAY, PLG, BIA, THL, PAIG, KBN, JAN, NVR, AGG, EVR, PHP, KEK, VTS, BARS, PUK, RDO, RLS, BBL, GZR, BZS, MLR, VRI, PKSM, SOH, VAY, PLG, BIA, THL, PAIG, KBN, JAN, NVR, AGG, EVR, PHP, KEK, VTS, BARS, PUK, RDO, RLS, BBL, GZR, BZS, MLR, VRI, PKSM. Includes station names, coordinates, and various parameters.

ICD 28 11:03:42.9-3.2, 1637S-16842E, h0km, mb3.8/5, mb1.4, 0.6, mb1mx3.8/17, mbtm3.9/6, ML3.7/1, Error ellipse: s-maj=39.4km s-min=36.3km az=108.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like DZM, NOUC, CTA, STKA, WRA, ASAR, SONM.

CSEM 28 11:20:36.2-1.0, 3909N-3883E, h30km, MD2.9, Error ellipse: s-maj=25.9km s-min=8.1km az=160.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like ELZG, PTK, MYA, MALT, URFA, MARD, GZT.

ICD 28 11:47:40.8-0.7, 4108N-11478W, h0km, mb3.4/1, mb1.3, 9/5, mb1mx3.6/22, mbtm3.5/5, ML3.7/4, Error ellipse: s-maj=12.9km s-min=6.4km az=139.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like M12A, N12A, N12A, ELK, ELK, N13A.

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Main table with columns: Station Name, Az, Phase ID, Time, Res. Includes station names like N13A, M13A, N11A, N11A, M11A, O12A, L12A, L12A, L12A, O11A, L13A, L13A, O13A, M14A, M14A, L11A, L11A, N14A, N14A, N10A, N10A, M10A, M10A, O10A, O10A, K12A, K12A, L10A, L10A, K13A, K13A, P12A, P12A, H12A, H12A, P11A, P11A, N15A, N15A, DUG, DUG, DUG, DUG, SPUT, SPUT, M15A, M15A, K11A, K11A, K11A, K11A, K14A, K14A, BMN, BMN, P10A, P10A, P10A, P10A, M09A, M09A, M09A, M09A, O09A, O09A, O09A, O09A, N09A, N09A, N09A, N09A, Q12A, Q12A, Q12A, Q12A, NOQ, NOQ, J12A, J12A, J12A, J12A, J12A, J12A, K10A, K10A, J13A, J13A, J13A, J13A, P09A, P09A, P09A, P09A, Q11A, Q11A, CTU, CTU, MFID, MFID, MFID, MFID, NLU, NLU, NLU, NLU, HLID, HLID, HLID, HLID, HLID, HLID, N08A, N08A, N08A, N08A, Q10A, Q10A, Q10A, Q10A.

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Table with columns: Station Name, Az, Phase ID, Time, Res. Includes station names like JLU, JLU, JLU, O08A, K09A, K09A, M08A, MPU, MPU, J10A, J10A, R12A, R12A, L08A, TRCR, TRCR, DAU, DAU, I13A, I13A, P08A, Q09A, Q09A, H11A, H11A, J09A, J09A, J09A, W07A, W07A, N07B, K08A, K08A, O07A, O07A, M07A, M07A, Q08A, Q08A, H10A, H10A, H10A, MSU, MSU, TMUT, TMUT, R09A, H12A, H12A, P07A, H13A, H13A, H13A, S10A, L07A, L07A, J08A, J08A, ARUT, ARUT, S11A, TPH, TPH, I09A, S14A, S13A, K07A, K07A, DCID1, DCID1, H11A, REDW, REDW, H10A, R08A, NVAR, NVAR, NVAR, NVAR, NVAR, N06A, S09A, SRU, SRU, T11A, O06A, I08A, MCMT, G13A, J07A, LOHW, M06A, M06A, BMO, BMO, MOD.

Table with columns: MOD, Modoc, 4.16 283, P, Pn, 11 48 44.7 -1.0, etc. Includes stations like Saint George, Wash City, Likely Place G, Jackson, Pinedale Array, etc.

Table with columns: MSU, Marysvalve, 67.94 327, P, P, 12 10 11.9 +1.5, etc. Includes stations like Main Array Bea, Alice Springs, Zalesovo Beam, etc.

Table with columns: TIXI, Aktyubinsk, 79.51 322, LR, LR, 13 21 37.1, etc. Includes stations like Arti, Kuril'sk, Nemuro 2, etc.

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

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

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

12C 28 11:59:08.4.1.2, 1850S:7192W, h0km, mb4.1/6, mb1 4.3/7, mb1mx4.1/16, mbmp4.1/7, ML3.4/1, MS3.9/2, Ms1 3.8/2, ms1mx2.9/20, Error ellipse: s-maj=41.8km s-min=28.1km az=19.0

NEIC 28 11:59:10.8.4.7, 1631S:7205W, h9km, mb29km, mb4.3/2, Error ellipse: s-maj=18.4km s-min=13.6km az=59.0

ISCJB 28 11:59:10.9.3.4, 1832S:007:722W.0.1, h20km, 25km, mb4.1/9, MS4.2/1, Error ellipse: s-maj=20.5km s-min=11.6km az=8.1

NEIC 28 11:59:10.8.4.7, 1631S:7205W, h9km, mb29km, mb4.3/2, Error ellipse: s-maj=18.4km s-min=13.6km az=59.0

ISC 28 11:59:10.1.4.3, 1827S:007:719W.0.1, h3km, 28km, n34, az=193/22, mb4.1/9, MS4.2/1, 1D, Off coast of northern Chile

NEIC 28 12:46:29.0.4, 3581N:177W.004, h10km, mb3.2/2, Error ellipse: s-maj=4.2km s-min=2.9km az=10.8

INMG 28 12:46:27.7.1.1, 3579N:170W, h0km, ML2.7, Error ellipse: s-maj=5.0km s-min=3.5km az=129.0

ISC 28 12:46:27.6.1.4, 3594N:191W, h0km, mb3.2/2, mb1 3.2/4, mb1mx3.1/22, mbmp3.2/12, ML3.3/2, Error ellipse: s-maj=25.2km s-min=15.9km az=101.0

MDD 28 12:46:28.9.0.8, 3580N:174W, h2km, 6km, mbLQ2.6/30, Error ellipse: s-maj=6.0km s-min=4.0km az=110.0, PRXIMO

NEIC 28 12:46:29.1, 3584N:171W, h0km, MN2.7(MDD), After MDD

CNRM 28 12:46:30.3, 3584N:171W, h24km, MD3.6

CSEM 28 12:46:30.0.1, 3580N:171W, h35km, ML2.7, Error ellipse: s-maj=3.3km s-min=1.5km az=92.0

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.004, h10km, mb3.2/2, Error ellipse: s-maj=4.2km s-min=2.9km az=10.8

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

ISC 28 12:46:29.0.0.4, 3580N:002:181W.003, h10km, n104, az=191/184, mb3.2/2, 4D, Northern Algeria

28d 13h

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

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

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

CSEM 28 12:47:31.7, 3554N-132W, h0km, ML3.5, After ALG

CRAAG 28 12:47:31.7, 3554N-132W, ML3.5, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ODZI, OLHC, OTSS, etc.

ICD 28 12:59:55.8, 0.050S-12754E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.5/1.5, mbtmp3.8/3, Error ellipse: s-maj=151.5km s-min=25.0km az=67.0, Halmahera

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

BUI 28 13:03:02.5, 247N-9592E, h32km, mb5.1, mb4.7

MOS 28 13:03:03.0, 5.0, 9.255N-9595E, h33km, mb4.9/5, Error ellipse: s-maj=17.2km s-min=10.6km az=101.5

NEIC 28 13:03:04.0, 5.0, 7.245N-9593E, h30km, mb4.5/5, Error ellipse: s-maj=18.2km s-min=10.5km az=218.0

ISCJB 28 13:03:08.1, 2.4, 26N-01:962E, 0.1, h71km, mb19km, mb4.2/28, Error ellipse: s-maj=26.2km s-min=12.5km az=142.7

ICD 28 13:03:08.1, 5.5, 263N-9614E, h53km, mb3.8/1, mb1 3.9/12, mb1mx3.7/22, mbtmp3.8/12, ML3.3/1, MS1.1/1, MS1.3/1, ms1mx2.9/33, Error ellipse: s-maj=51.2km s-min=16.7km az=57.0

ISC 28 13:03:09.7, 2.3, 26N-01:962E, 0.1, h68km, mb18km, n51, o572/47, mb4.4/28, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKR, BUI, MOS, NEIC, ISCJB, ICD, ISC.

ICD 28 13:05:17.7, 7.6, 502S-14748E, h141km, mb3.8/2, mb1 3.9/4, mb1mx3.4/15, mbtmp3.7/4, Error ellipse: s-maj=14.5km s-min=52.3km az=134.0

NEIC 28 13:05:16.0, 4.0, 488S-14750E, h137km, mb3.3km, mb4.4/1, Error ellipse: s-maj=48.9km s-min=32.8km az=151.0, Bismark Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PMG, KAKA, WB2, WRA, ASAR, FITZ, TORO, etc.

ICD 28 13:11:08.0, 1.2, 272S-13682E, h0km, mb3.7/3, mb1 3.8/5, mb1mx3.7/13, mbtmp3.7/5, ML3.2/2, Error ellipse: s-maj=50.1km s-min=23.1km az=84.0, Irian Jaya region

KAKA Kakadu 10.83 203 eP

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KAKA, WB2, WRA, FITZ, ASAR, MKR, LZAL, LPAZ, etc.

ISCJB 28 13:28:10.8, 0.4, 5829N-003:1322E, h10km, Error ellipse: s-maj=4.6km s-min=2.9km az=25.3

CSEM 28 13:28:11.2, 5828N-1336E, h1km, ML2.7, After UPP

NAO 28 13:28:11.2, 5828N-1336E, h1km, ML2.7

BER 28 13:28:14.0, 3.8, 5838N-1336E, h0km, 14km, MD2.6, ML2.9, ML2.1 (NAO)

ISC 28 13:28:11.8, 0.4, 5830N-003:1328E, h10km, n22, o124/40, 4C, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASKU, LNKU, LNKA, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ESKU Eskiltuna, OSKU Oskarshamn, BYXU Byxelkrok, NB2 NORSAR Subarra, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, SNZO South Karori, DZM Mont Dzumac, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKASG, TORO Torodi Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LIT Litokhoron, GRG Griva, KZN Kozani, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, PUK Puketiti, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, SNZO South Karori, DZM Mont Dzumac, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SDDR Presa de Saban, MASC Mase, LSP Las Mesas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, SMKR Semkarok, BDR Baidarnaya, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WBA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, WBA Warramunga Arr, ASAR Alice Springs, etc.

28 17h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes stations like KAKA, KAKA, FITZ, FITZ, FITZ, FITZ, WRA, WRA, WRA, WB2, WB2, WB2, ASAR, STKA, EIDS, ULN, SONM, MK31, MKAR, ZALV, AKTO.

ISK 28 16:05:09.7, 4051N, 3302E, h5km, MD3.4
ISCJB 28 16:05:10.7, 4053N, 3302E, h1km, 5km,
Error ellipse: s-maj=4.2km s-min=2.8km az=174.2
CSEM 28 16:05:10.5, 4050N, 3301E, h5km, MD3.6, Error
ellipse: s-maj=1.8km s-min=1.1km az=162.0
DDA 28 16:05:11.9, 4055N, 3305E, h3km, 2km, MD3.6
ISC 28 16:05:11.3, 4053N, 3305E, h0km, 4km, n65,
+879/79, 1, 3, 0, 4

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes stations like ELDT, ELDT, CANKI, CANKI, LOD, LOD, LOD, ANTO, ANTO, ANTO, SGKT, SGKT, SAFT, SAFT, TOSY, TOSY, TOS, TOS, BALT, BALT, CORM, CORM, KAMT, KAMT, KAMT, CKTK, CKTK, CDAG, CDAG, KDZE, KDZE, KDZE, BZK, BZK, BZK, BYBT, BYBT, HENT, HENT, HENT, BOYT, BOYT, KIZIL, KIZIL, KIZIL, GUL, GUL, GUL, YOZ, YOZ, YOZ, ESKT, ESKT, ESKT, ESKT, ESKT, DIKM, DIKM, AVNT, AVNT, AVNT, KVT, KVT, KVT, ADVT, ADVT, ADVT, KONT, KONT, KONT, NIG, NIG, NIG, BNN, BNN, BNN, IZI, IZI, IZI, SHUT, SHUT, SHUT, YLV, YLV, YLV, ULVD, ULVD, ULVD, ULDT, ULDT, ULDT, SVSK, SVSK, SVSK, KARA, KARA, KARA, KULA, KULA, KULA, MALT, MALT, MALT.

ISCJB 28 16:41:16.1, 1.5, 64S, 0.1x1281E, 0.3, h392km, 19km,
mb3.2/5, Error ellipse: s-maj=42.8km s-min=10.7km
az=158.6
NEIC 28 16:41:17.7, 1.9, 633S, 128.17E, h390km, 25km, Error
ellipse: s-maj=16.7km s-min=7.4, 0
IDC 28 16:41:18.4, 3.1, 633S, 128.19E, h399km, 37km, mb3.0/5,
mb1.3/2.8, mb1mx3.1/14, mbtm3.0/8, Error ellipse:
s-maj=57.9km s-min=11.0km az=72.0
ISC 28 16:41:19.9, 1.4, 64S, 0.1x1282E, 0.3, h394km, 16km, n15,
+086/19, mb3.2/5, 1, C, Banda Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes stations like KAKA, KAKA, FITZ, FITZ, FITZ, WRA, WRA, WRA, WB2, WB2, WB2, ASAR, ASAR, ASAR.

2007 FEB

Table with columns: STKA, Stephens Creek, 28 30 155 eP, P, 16 46 38.3 +1.1
STKA, Stephens Creek, 28 30 155 p, P, 16 46 38.3 +1.2
KSRS, Korea Array, 43 61 360 p, P, 16 48 44.8 -0.4
SONM, Songino Array, 57 30 343 p, P, 16 56 26.3 +0.1
MKAR, Makanchi Array, 66 73 328 p, P, 16 51 29.1 +0.9
ZALV, Zalesovo Beam, 70 24 334 p, P, 16 51 48.1 -1.3

NEIC 28 16:59:53.4, 3839S, 17609E, h169km, MG3.9(WEL), After
WEL.
WEL 28 16:59:53.0, 0.4, 3837S, 17610E, h172km, 3km, ML3.7,
3C-1D, Error ellipse: s-maj=2.3km s-min=1.9km az=0.0,
North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes stations like PATZ, Paeroa, 0.12 94 p, Pn, 17 00 16.0 +0.2
PATZ, Paeroa, 0.12 94 p, Pn, 17 00 16.0 +0.3
TAZ, Tararua, 0.35 87 p, Pn, 17 00 16.1 -0.2
TAZ, Tararua, 0.35 87 p, Pn, 17 00 16.1 -0.1
WATZ, Wairara, 0.44 221 p, Pn, 17 00 16.7 +0.2
WATZ, Wairara, 0.44 221 p, Pn, 17 00 16.7 +0.1
HATZ, Haneaiaia, 0.52 181 p, Pn, 17 00 16.8 -0.1
HATZ, Haneaiaia, 0.52 181 p, Pn, 17 00 16.8 -0.1
RATZ, Rangitua, 0.56 207 p, Pn, 17 00 17.1 +0.1
RATZ, Rangitua, 0.56 207 p, Pn, 17 00 17.1 +0.1
RITZ, Rihia Road, 0.63 197 p, Pn, 17 00 17.9 +0.5
RITZ, Rihia Road, 0.63 197 p, Pn, 17 00 17.9 +0.4
KATZ, Kakarama, 0.68 208 p, Pn, 17 00 17.3 -0.4
KATZ, Kakarama, 0.68 208 p, Pn, 17 00 17.5 -0.2
URZ, Urewera, 0.80 82 p, Pn, 17 00 18.0 -0.5
URZ, Urewera, 0.80 82 p, Pn, 17 00 18.0 -0.4
WTVZ, West Tongariro, 0.84 208 p, Pn, 17 00 18.7 0.0
WTVZ, West Tongariro, 0.84 208 p, Pn, 17 00 18.7 0.0
BKZ, Black Stump Fm, 0.85 159 p, Pn, 17 00 19.0 +0.2
BKZ, Black Stump Fm, 0.85 159 p, Pn, 17 00 19.0 +0.2
OTVZ, Otutere, 0.86 203 p, Pn, 17 00 19.1 +0.2
TWVZ, Taurewa, 0.87 216 p, Pn, 17 00 18.9 0.0
TWVZ, Taurewa, 0.87 216 p, Pn, 17 00 18.9 0.0
NGZ, Ngauruhoe, 0.89 206 p, Pn, 17 00 19.3 +0.3
NGZ, Ngauruhoe, 0.89 206 p, Pn, 17 00 19.3 +0.3
WPVZ, Whakapapa, 0.94 207 p, Pn, 17 00 19.5 +0.1
WPVZ, Whakapapa, 0.94 207 p, Pn, 17 00 19.5 +0.1
TUZV, Tukino, 0.96 201 p, Pn, 17 00 19.8 +0.3
TUZV, Tukino, 0.96 201 p, Pn, 17 00 19.8 +0.2
FWVZ, Far West T-bar, 0.98 206 p, Pn, 17 00 19.3 +0.3
FWVZ, Far West T-bar, 0.98 206 p, Pn, 17 00 19.3 +0.3
HIZ, Hauiti, 0.99 261 p, Pn, 17 00 19.6 -0.1
HIZ, Hauiti, 0.99 261 p, Pn, 17 00 19.6 -0.2
TRVZ, Turoa, 1.02 205 p, Pn, 17 00 20.3 +0.3
TRVZ, Turoa, 1.02 205 p, Pn, 17 00 20.2 +0.1
WVWZ, Wahianoa, 1.03 202 p, Pn, 17 00 20.2 +0.1
WVWZ, Wahianoa, 1.03 202 p, Pn, 17 00 20.2 +0.1
MOVZ, Moawhango, 1.07 195 p, Pn, 17 00 20.1 -0.3
MOVZ, Moawhango, 1.07 195 p, Pn, 17 00 20.1 -0.3
PKVZ, Pokaka, 1.09 212 p, Pn, 17 00 20.4 +0.1
PKVZ, Pokaka, 1.09 212 p, Pn, 17 00 20.4 +0.1
MWVZ, Matawai, 1.12 98 p, Pn, 17 00 20.9 +0.0
MWVZ, Matawai, 1.12 98 p, Pn, 17 00 20.9 +0.0
MTVZ, Mangateitei, 1.12 206 p, Pn, 17 00 20.8 0.0
VRZ, Vera Road, 1.29 324 p, Pn, 17 00 22.1 -0.2
VRZ, Vera Road, 1.29 324 p, Pn, 17 00 22.1 -0.1
KNVZ, Kokohu, 1.39 118 p, Pn, 17 00 23.6 +0.4
KNVZ, Kokohu, 1.39 118 p, Pn, 17 00 23.6 +0.4
WAZ, Wanganui, 1.63 212 ePn, Pn, 17 00 25.1 -0.4
WAZ, Wanganui, 1.63 212 ePn, Pn, 17 00 25.1 -0.4
PUZ, Puketiti, 1.73 81 ePn, Pn, 17 00 26.4 -0.1
PUZ, Puketiti, 1.73 81 ePn, Pn, 17 00 26.4 -0.1
PXVZ, Pawaia, 1.76 201 p, Pn, 17 00 27.1 +0.3
NEVZ, North Egmont, 1.80 240 p, Pn, 17 00 27.6 +0.3
MXZ, Matakaoa Point, 1.92 66 p, Pn, 17 00 28.7 +0.1
MXZ, Matakaoa Point, 1.92 66 p, Pn, 17 00 28.7 +0.1
BFZ, Birch Farm, 2.31 177 p, Pn, 17 00 32.0 -0.9
BFZ, Birch Farm, 2.31 177 p, Pn, 17 00 32.0 -0.9
MRKZ, Mangatainoka R, 2.32 196 p, Pn, 17 00 31.9 -1.2
MRZ, Mangatainoka R, 2.32 196 p, Pn, 17 00 31.9 -1.2
TIWZ, Tintock, 2.41 184 p, Pn, 17 00 33.0 -1.1
KIW, Kapiti Island, 2.65 200 p, Pn, 17 00 35.1 -1.9
KIW, Kapiti Island, 2.65 200 p, Pn, 17 00 35.1 -1.8
MTW, Mount Morrison, 2.82 189 p, Pn, 17 00 37.1 -1.9
MTW, Mount Morrison, 2.82 189 p, Pn, 17 00 37.1 -1.9
CAW, Cannon Point, 2.84 196 p, Pn, 17 00 37.4 -1.9
CAW, Cannon Point, 2.84 196 p, Pn, 17 00 37.4 -1.9
DUWZ, D'Urville Isla, 2.95 214 p, Pn, 17 00 38.7 -1.9
TRVZ, Traveller, 3.04 186 p, Pn, 17 00 39.7 -1.9
TRVZ, Traveller, 3.04 186 p, Pn, 17 00 39.7 -1.9
PAWZ, Paruruai Farm, 3.05 190 p, Pn, 17 00 39.7 -2.1
PAWZ, Paruruai Farm, 3.05 190 p, Pn, 17 00 39.7 -2.1
MRW, Makara Radio, 3.05 200 p, Pn, 17 00 39.6 -2.2
MRW, Makara Radio, 3.05 200 p, Pn, 17 00 39.6 -2.2
WEL, Wellington, 3.08 199 p, Pn, 17 00 40.1 -2.1
WEL, Wellington, 3.08 199 p, Pn, 17 00 40.1 -2.1
MSWZ, Moikau Station, 3.11 192 p, Pn, 17 00 40.3 -2.2
MSWZ, Moikau Station, 3.11 192 p, Pn, 17 00 40.3 -2.2
SNZO, South Karori, 3.12 200 p, Pn, 17 00 40.3 -2.4
SNZO, South Karori, 3.12 200 p, Pn, 17 00 40.3 -2.4
TCW, Tory Channel, 3.17 206 p, Pn, 17 00 41.0 -2.9
TCW, Tory Channel, 3.17 206 p, Pn, 17 00 41.0 -2.9
TUWZ, Tuamarina, 3.48 208 p, Pn, 17 00 44.5 -2.6
TUWZ, Tuamarina, 3.48 208 p, Pn, 17 00 44.5 -2.6
NNZ, Nelson, 3.53 216 ePn, Pn, 17 00 45.0 -2.8
NNZ, Nelson, 3.53 216 ePn, Pn, 17 00 45.0 -2.8
QRZ, Quartz Range, 3.69 227 ePn, Pn, 17 00 46.3 -3.5
QRZ, Quartz Range, 3.69 227 ePn, Pn, 17 00 46.3 -3.5
BSWZ, Blackbirch Sta, 3.75 206 p, Pn, 17 00 48.0 -2.5
BSWZ, Blackbirch Sta, 3.75 206 p, Pn, 17 00 48.0 -2.5
THZ, Tophouse, 4.18 215 ePn, Pn, 17 00 52.8 -3.3
THZ, Tophouse, 4.18 215 ePn, Pn, 17 00 52.8 -3.3
KHZ, Kahutara, 4.49 205 p, Pn, 17 00 57.2 -2.8
KHZ, Kahutara, 4.49 205 p, Pn, 17 00 57.2 -2.8
DSZ, Denniston Nort, 4.71 229 p, Pn, 17 00 59.2 -3.8
DSZ, Denniston Nort, 4.71 229 p, Pn, 17 00 59.2 -3.8
LTZ, Lake Taylor, 5.28 212 ePn, Pn, 17 01 06.5 -3.9
LTZ, Lake Taylor, 5.28 212 ePn, Pn, 17 01 06.5 -3.9
MQZ, McQueen's Vall, 5.93 205 ePn, Pn, 17 01 14.3 -4.6
MQZ, McQueen's Vall, 5.93 205 ePn, Pn, 17 01 14.3 -4.6
WVZ, Waitaha Valley, 6.22 219 p, Pn, 17 01 22.5 -4.7
WVZ, Waitaha Valley, 6.22 219 p, Pn, 17 01 22.5 -4.7
RPZ, Rata Peaks, 6.56 214 ePn, Pn, 17 01 23.0 -4.2
RPZ, Rata Peaks, 6.56 214 ePn, Pn, 17 01 23.0 -4.2
FOZ, Fox Glacier, 7.01 221 p, Pn, 17 02 42.2 -12
FOZ, Fox Glacier, 7.01 221 p, Pn, 17 02 42.2 -12
ODZ, Otahua Downs, 7.81 210 ePn, Pn, 17 01 39.6 -4.1

MAN 28 17:02:16.5, 504N, 12697E, h1km, mb5.5, ML4.5, MS4.8
MOS 28 17:02:25.0, 1.0, 550N, 12654E, h33km, mb5.1/18, Error
ellipse: s-maj=14.7km s-min=6.8km az=110.3
IDC 28 17:02:28.4, 4.0, 551N, 12662E, h50km, 38km, mb4.3/19,
mb1.4/3.19, mb1mx4.3/2.1, mbtm4.3/19, MS4.1/10,
MS1.4/0.10, ms1mx3.7/36, Error ellipse: s-maj=24.8km
s-min=10.9km az=79.0
BUJ 28 17:02:28.8, 5.12N, 12673E, h99km, mb5.0, mb4.7
ISCJB 28 17:02:10.6, 6.553N, 0.03x12679E, 0.05, h64km, 4km,
mb4.8/7.0, Error ellipse: s-maj=8.0km s-min=5.5km
az=173.9
NEIC 28 17:02:30.6, 0.9, 555N, 12668E, h74km, mb4.9/28,
Error ellipse: s-maj=8.1km s-min=4.5km az=77.0
ISC 28 17:02:30.2, 0.6, 552N, 0.03x12677E, 0.05, h67km, 4km,
h77km, 2.4km, pP-P, n184, 0.1x181, mb4.7/10, 4C-15D,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes stations like MATI, Mati, 1.50 340 p, Pn, 17 02 52.2 -9.9
DAV, Davao City (W), 1.94 323 p, Pn, 17 03 00.0 -1.0
DAV, Davao City (W), 1.94 323 p, Pn, 17 03 00.0 -1.0
KCP, Kapidawan, 2.23 312 p, Pn, 17 03 03.0 -1.9
KCP, Kapidawan, 2.23 312 p, Pn, 17 03 03.0 -1.9
BUPK, Musandam, 2.89 324 ePn, Pn, 17 03 33.8 +2.2
BUPK, Musandam, 2.89 324 ePn, Pn, 17 03 33.8 +2.2
CGP, Cagayan de Oro, 3.57 325 p, Pn, 17 03 21.4 -1.7
CGP, Cagayan de Oro, 3.57 325 p, Pn, 17 03 21.4 -1.7
PAGP, Pagadian, 4.08 305 ePn, Pn, 17 03 29.0 -1.1
PAGP, Pagadian, 4.08 305 ePn, Pn, 17 03 29.0 -1.1
SCPH, Surigao, 4.42 343 p, Pn, 17 03 35.8 +1.0
SCPH, Surigao, 4.42 343 p, Pn, 17 03 35.8 +1.0
DCHP, Dipolog City, 4.55 312 ePn, Pn, 17 03 35.3 -1.3

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Table with columns: MSLP, Maasin, 4.96 338 eP, Pn, 17 03 41.2 -0.9
TBP, Tagbilaran, 5.04 325 eP, Pn, 17 03 42.6 -0.7
LLP, Lapu-Lapu, 5.51 330 eP, Pn, 17 03 49.6 -0.1
ORMOC, Ormoc, 5.89 339 eP, Pn, 17 03 55.6 +0.6
GULP, Jordan, 6.54 321 eP, Pn, 17 04 01.8 -2.1
GULP, Jordan, 6.54 321 eP, Pn, 17 04 01.8 -2.1
MYLMD, Cuyo Island, 8.24 268 p, Pn, 17 04 28.3 +1.2
OTRP, Odiongan, 8.25 326 eP, Pn, 17 04 29.7 +2.4
PVCP, Virac, 8.42 342 eP, Pn, 17 04 28.3 -1.3
TSM, Tawau, 8.95 323 p, Pn, 17 04 38.3 +1.6
BUSP, Coron, 9.14 315 eP, Pn, 17 04 39.6 +0.1
GUYC, Cuyo Island, 9.20 308 eP, Pn, 17 04 40.0 -0.2
SDKM, Sandakan, 9.53 271 p, Pn, 17 04 49.6 +2.1
LUBP, Lubang, 10.38 322 eP, Pn, 17 04 59.8 +3.4
KKM, Kota Kinabalu, 10.51 273 ePn, Pn, 17 04 58.7 +0.5
KKM, Kota Kinabalu, 10.51 273 p, Pn, 17 05 01.4 +3.3
STM, Bintulu, 13.84 261 p, Pn, 17 05 46.8 +3.5
SBUM, Sibuan, 14.83 289 p, Pn, 17 05 59.3 +3.0
KSM, Kuching, 16.91 257 ePn, Pn, 17 06 23.9 +1.3
KSM, Kuching, 16.91 257 p, Pn, 17 06 24.9 +2.3
KAKA, Kakadu, 18.97 163 eP, Pn, 17 06 49.6 -0.7
GUMO, Guam, 19.55 65 LR, LR, 17 12 53.1
comp=Z, 2.572nm, 20.6s, baz=226, slow=32
KUNM, Kunming, 19.73 345 p, Pn, 17 06 52.0 -4.5
JOW, Kunigami, 21.24 4 LR, LR, 17 15 36.2
QIZ, Qiongzhou, 21.27 311 p, Pn, 17 07 10.5 -0.7
QIZ, Qiongzhou, 21.27 311 p, Pn, 17 11 03.5 -0.3
comp=Z, 1.7nm, 1.0s, mb4.3
QIZ, Qiongzhou, 21.27 311 p, Pn, 17 07 10.5 -0.7
QIZ, Qiongzhou, 21.27 311 p, Pn, 17 11 03.5 -0.3
comp=E, 466nm, 19.1s, LR, LR
QIZ, Qiongzhou, 21.27 311 p, Pn, 17 07 10.5 -0.7
comp=Z, 4.71nm, 16.4s, LR, LR
mykom, Kota Tinggi, 23.16 262 p, Pn, 17 07 32.1 +0.9
FITZ, Fitzroy Crossi, 23.50 183 eP, Pn, 17 07 33.1 -1.1
comp=Z, 1.9nm, 0.8s, mb4.5
FITZ, Fitzroy Crossi, 23.50 183 p, Pn, 17 07 33.2 -1.1
KTMZ, Kuala Trengganu, 23.52 151 p, Pn, 17 07 35.4 +0.8
KTMZ, Kuala Trengganu, 23.52 151 p, Pn, 17 07 35.4 +0.8
PMG, Port Moresby, 25.16 126 LR, LR, 17 07 24.3
comp=Z, 262nm, 21.5s, baz=30, slow=33
FRIM, Kepong, 25.17 266 p, Pn, 17 07 51.1 +1.5
IPM, Ipoh, 25.66 299 p, Pn, 17 07 55.8 +1.6
SSE, Sheshan, 29.37 349 p, Pn, 17 07 57.3 +0.7
SSE, Sheshan, 29.37 349 p, Pn, 17 08 14.3 +1.6
SSE, Sheshan, 29.37 349 p, Pn, 17 13 00.5 +1.0
SSE, Sheshan, 29.37 349 p, Pn, 17 18 44.8 -2.5
comp=Z, 2.0nm, 0.7s, mb4.7
SSE, Sheshan, 29.37 349 p, Pn, 17 08 14.3 +1.6
comp=Z, 88nm, 5.6s, LR, LR
comp=N, 1.73nm, 21.0s, LR, LR
SSE, Sheshan, 29.37 349 p, Pn, 17 08 14.3 +1.6
comp=Z, 242nm, 19.2s, LR, LR
KULM, Kulim, 26.00 271 eP, Pn, 17 07 57.0 -0.1
KULM, Kulim, 26.00 271 p, Pn, 17 07 58.8 +1.7
WRA, Warrungarra Arr, 26.38 164 p, Pn, 17 08 01.1 +0.8
comp=Z, 1.2nm, 0.6s, mb4.5, baz=342, slow=10, SNR=38
WB2, Warrungarra Arr, 26.38 164 eP, Pn, 17 08 00.5 +0.1
MBWA, Maribou, 27.40 194 eP, Pn, 17 08 08.5 -1.0
comp=Z, 4.0nm, 1.2s, mb4.8
NJ2, Nanjing, 27.41 345 eP, Pn, 17 08 05.5 +1.0
NJ2, Nanjing, 27.41 345 eP, Pn, 17 08 05.5 +1.0
comp=Z, 2.0nm, 0.6s, mb4.8
WHN, Wuhan, 27.50 336 eP, Pn, 17 08 12.3 +2.0
WHN, Wuhan, 27.50 336 eP, Pn, 17 08 12.3 +2.0
comp=Z, 1.6nm, 18.6s, P, P
PSI, Prapat, 27.90 266 p, Pn, 17 08 13.7 -0.4
comp=Z, 1.3nm, 0.8s, mb4.5, baz=70, slow=4.4, SNR=11
GUYC, Guiyang, 28.32 319 p, Pn, 17 08 19.3 +1.6
GYA, Guiyang, 28.32 319 p, Pn, 17 08 36.5 +2.6
GYA, Guiyang, 28.32 319 p, Pn, 17 09 12.8 -1.0
GYA, Guiyang, 28.32 319 p, Pn, 17 11 30.8 +1.4
GYA, Guiyang, 28.32 319 p, Pn, 17 12 59.8 0.0
GYA, Guiyang, 28.32 319 p, Pn, 17 15 11.8 0.0
comp=Z, 1.0nm, 1.0s, mb4.3
GYA, Guiyang, 28.32 319 p, Pn, 17 08 19.3 +1.6
comp=Z, 80nm, 4.6s, LR, LR
comp=N, 420nm, 16.8s, LR, LR
GYA, Guiyang, 28.32 319 p, Pn, 17 09 12.8 -1.0
comp=E, 490nm, 17.6s, LR, LR
comp=Z, 310nm, 17.7s, LR, LR
ASAR, Alice Springs, 29.84 167 p, Pn, 17 08 31.1 -0.1
comp=Z, 1.4nm, 0.6s, mb3.8, baz=344, slow=6.7, SNR=17
ASAR, Alice Springs, 29.84 167 p, Pn, 17 08 31.1 -0.1
comp=Z, 1.3nm, 0.5s, baz=349, slow=2, SNR=8.2
CHTO, Chiang Mai, 30.17 298 eP, Pn, 17 08 32.5 -1.8
comp=Z, 6.9nm, 0.8s, mb4.3
CHTO, Chiang Mai, 30.17 298 eP, Pn, 17 11 35.2 +1.0
CHTO, Chiang Mai, 30.17 298 eP, Pn, 17 08 32.5 -1.7
CHTO, Chiang Mai, 30.17 298 eP, Pn, 17 11 35.2 -1.7
comp=Z, 7.0nm, 0.8s, mb4.3
KMI, Kunming, 30.17 313 p, Pn, 17 08 34.3 +0.1
KMI, Kunming, 30.17 313 p, Pn, 17 08 52.5 +2.1
KMI, Kunming, 30.17 313 p, Pn, 17 09 36.8 -6.6
KMI, Kunming, 30.17 313 p, Pn, 17 13 28.5 -0.2
KMI, Kunming, 30.17 313 p, Pn, 17 15 11.3 -2.8
comp=Z, 8.0nm, 0.8s, mb4.4
KMI, Kunming, 30.17 313 p, Pn, 17 08 34.3 +0.1
comp=Z, 1.77nm, 7.9s, LR, LR
KMI, Kunming, 30.17 313 p, Pn, 17 08 34.3 +0.1
comp=N, 260nm, 17.4s, LR, LR
comp=E, 432nm, 16.7s, LR, LR
KMI, Kunming, 30.17 313 p, Pn, 17 08 34.3 +0.1
comp=Z, 528nm, 17.6s, LR, LR
KSRS, Korea Array, 31.80 2 p, Pn, 17 08 49.4 +1.0
comp=Z, 1.0nm, 0.7s, mb3.7, baz=181, slow=8.7, SNR=4.4
MJAR, Matsushiro Arr, 32.60 17 p, Pn, 17 08 55.3 -0.1
comp=Z, 2.4nm, 0.9s, mb4.0, baz=198, slow=9.5, SNR=4.5
XAN, Xi'an, 32.85 332 p, Pn, 17 08 56.5 -1.1
XAN, Xi'an, 32.85 332 p, Pn, 17 08 56.5 -1.1
comp=Z, 7.0nm, 0.7s, mb4.6
AMB, AMB
CD2, Chengdu, 33.24 322 eP, Pn, 17 09 01.5 +0.4
CD2, Chengdu, 33.24 322 eP, Pn, 17 09 01.5 +0.4
CD2, Chengdu, 33.24 322 eP, Pn, 17 10 15.5 -1.9
CD2, Chengdu, 33.24 322 eP, Pn, 17 14 16.0 -0.4
CD2, Chengdu, 33.24 322 eP, Pn, 17 16 23.5 -1.9
comp=Z, 1.0nm, 0.9s, mb4.7
CD2, Chengdu, 33.24 322 eP, Pn, 17 09 01.5 +0.4
comp=Z, 30nm, 5.8s, LR, LR
comp=N, 230nm, 15.6s, LR, LR
CD2, Chengdu, 33.24 322 eP, Pn, 17 09 01.5 +0.4
comp=E, 540nm, 14.4s, LR, LR
comp=Z, 230nm, 14.4s, LR, LR
BJT, Baijiaou, 35.64 346 eP, Pn, 17 09 22.6 +0.9
comp=Z, 29nm, 0.8s, mb5.3
BJT, Baijiaou, 35.64 346 eP, Pn, 17 09 22.6 +0.9
comp=Z, 29nm, 0.8s, pmax, pmax
BJJ, Beijing, 35.66 346 p, Pn, 17 09 22.8 +0.8
BJJ, Beijing, 35.66 346 p, Pn, 17 14 58.3 +9.5
comp=Z, 34nm, 0.9s, mb5.3, AMB, AMB
BJJ, Beijing, 35.66 346 p, Pn, 17 09 22.8 +0.8
comp=Z, 454nm, 6.5s, LR, LR
comp=N, 284nm, 20.8s, LR, LR
comp=E, 200nm, 21.1s, LR, LR
BJJ, Beijing, 35.66 346 p, Pn, 17 09 22.8 +0.8
comp=Z, 385nm, 22.9s, LR, LR
Forrest, Forrest, 36.12 178 eP, Pn, 17 09 25.5 -0.3
comp=Z, 1.9nm, 0.8s, mb5.1
LZH, Lanzhou, 36.99 328 eP, Pn, 17 09 34.0 +0.7
LZH, Lanzhou, 36.99 328 eP, Pn, 17 09 34.0 +0.7
LZH, Lanzhou, 36.99 328 eP, Pn, 17 11 02.3 +3.5
LZH, Lanzhou, 36.99 328 eP, Pn, 17 15 14.3 +0.3
LZH, Lanzhou, 36.99 328 eP, Pn, 17 17 47.0 -1.1
comp=Z, 29nm, 1.4s, mb5.0, AMB, AMB



28d 18h

Table with columns: LPAZ, La Paz, SIV, TORD, YKA, SONMG, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 28 17:23:05.0.3.3, 3502N, 2605E, h0km, mb3.8/3, mb1 3.7/4, s-maj=69.9km s-min=42.3km az=160.0

HLW 28 17:23:12.7, 3586N, 2699E, h22km, Mb3.6, ATH 28 17:23:13.5, 3566N, 2652E, h39km, 4km, MD3.8/10

CSEM 28 17:23:13.6, 0.1, 3555N, 2666E, h40km, MD3.8, Error ellipse: s-maj=2.6km s-min=2.2km az=39.0

ISCJB 28 17:23:13.7, 0.3, 3560N, 003, 2654E, 0.03, h33km, mb3.6/3, Error ellipse: s-maj=4.2km s-min=3.5km az=15.9

NEIC 28 17:23:15.8, 0.7, 3561N, 2653E, h37km, 11km, MD3.8(ATH), Error ellipse: s-maj=11.9km s-min=6.3km az=169.0

THE 28 17:23:15.8, 3562N, 2654E, h25km, ML4.2, ISC 28 17:23:15.4, 0.3, 3559N, 003, 2654E, 0.03, h35km, n74, c0891/95, mb3.6/3, Crete

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

CSEM 28 17:53:14.3, 0.1, 3843N, 3927E, h2km, MD3.0, Error ellipse: s-maj=3.2km s-min=2.6km az=155.0

ISK 28 17:53:14.4, 3844N, 3922E, h5km, MD3.2, ISCJB 28 17:53:15.1, 0.5, 3840N, 003, 3929E, 0.03, h3km, 7km, Error ellipse: s-maj=5.8km s-min=4.2km az=12.1

DDA 28 17:53:15.8, 3836N, 3925E, h3km, 1km, MD3.0, ISC 28 17:53:15.7, 0.5, 3841N, 004, 3929E, 0.03, h6km, n23, c082/33, Turkey

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

2007 FEB

Table with columns: MYA, MYA, MYA, DIYA, DIYA, DIY, DIY, DIY, BINT, BINT, BINT, MARD, MARD, GZT, GZT, BTMT, BTMT, SVSK, SVSK, SIRT, SIRT, SIRT, BNN, BNN, BNN, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

NEIC 28 17:56:54.9, 3857S, 17581E, h159km, MG4.3(WEL), After WEL

WEL 28 17:56:54.8, 0.2, 3858S, 17582E, h160km, 1km, ML4.3/24, 13C, Error ellipse: s-maj=1.7km s-min=1.7km az=0.0, North Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

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

CSEM 28 18:25:56.5, 4032N, 3138E, h7km, MD3.0, After ERD, DDA 28 18:25:56.5, 4032N, 3138E, h7km, 7km, MD3.0, ISK 28 18:25:56.4, 4018N, 3172E, h5km, MD2.9, ISCJB 28 18:25:57.0, 4010N, 3166E, 0.07, h5km, Error ellipse: s-maj=0.7km s-min=0.5km az=138.1, ISC 28 18:25:58.0, 0.9, 4009N, 006, 3167E, 0.07, h5km, 12km, n9, c047/14, Turkey

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

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

NEIC 28 18:28:00.2, 2200N, 12180E, h5km, Mw4.1, Best double couple: M1.83000e+10, N1.127.00000, delta.00000, lambda.96.00000, NP2.e292.00000, delta.00000, ISCJB 28 18:28:09.5, 0.5, 2193N, 005, 12182E, 0.06, h10km, mb3.9/17, MS3.3/3, Error ellipse: s-maj=9.3km s-min=4.7km az=43.6, IDC 28 18:28:09.6, 0.6, 2183N, 12158E, h0km, mb3.9/16, M1.4.1/18, mb1mx4.0/23, mbtmp4.0/18, ML3.6/2, MS3.3/6, M1.3.3/6, ms1mx3.1/33, Error ellipse: s-maj=25.0km s-min=13.8km az=75.0, NEIC 28 18:28:11.2, 0.5, 2192N, 12168E, h10km, mb4.2/1, Error ellipse: s-maj=14.1km s-min=8.6km az=80.0, JMA 28 18:28:13.0, 0.3, 2196N, 12181E, h82km, M3.8, ISC 28 18:28:11.2, 0.5, 2196N, 005, 12183E, 0.05, h10km, n38, c093/43, mb3.9/17, MS3.3/3, Taiwan region

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 28 18:34:26.4, 1.8, 160N, 12825E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/15, mbtmp3.5/4, MSJ.7/1, Ms1 3.7/1, ms1mx3.0/19, Error ellipse: s-maj=129.9km s-min=23.6km az=66.0, Halmahera

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

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



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, MAJO, MJAR, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like M04C, GTA, GTA, etc.





28d 19h

Table with columns for station name, frequency, and other technical details. Includes stations like Pruhonice, Kishinev, Novy Kostel, etc.

2007 FEB

Table with columns for station name, frequency, and other technical details. Includes stations like Sankt Quirin, Signal de Mont, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like MIB, RST, NAY, etc.

MACK	Trabzon	2.75	8	iP	Pn	19 56 17.9	-0.6	MMAI	comp=Z,68nm,0.3s,baz=20,slow=30,SNR=9.4	Lg	19 58 51.4	VYHS	Vyhne	18.01	311	eP	Pn	19 59 44.9	+0.2		
MACK	Bunyan	2.75	284	ePN	Sb	19 56 17.3	-1.2	MMAI	comp=Z,11um,22.0s,baz=20,slow=42	LR	19 59 48.6	AKTK	Aktjubinsk	18.08	41	P	Pn	19 59 46.0	+0.4		
BNN	Bunyan	2.75	284	Pn	Pn	19 56 17.9	-0.6	KIV	Kislovodsk	6.29	23	eP	Pn	AKTK	Aktjubinsk	18.08	41	LR	LR	20 08 29.1	
BNN	Trabzon	2.75	284	ePN	Pn	19 56 17.9	-0.6	KIV	Kislovodsk	6.29	23	eP	Pn	AKTK	Aktjubinsk	18.08	41	P	Pn	19 59 46.0	+0.5
KTUT	Trabzon	2.79	8	ePN	Pn	19 56 17.9	-1.4	KIV	Kislovodsk	6.29	23	eS	Pn	AKTO	comp=Z,0.2nm,0.3s,baz=236,slow=9.1,SNR=9.9	LR	LR	20 08 29.1			
GRSN	GIRESUGRSN	2.81	344	iP	Pn	19 56 17.9	-1.4	KIV	comp=Z,18nm,1.2s	MLR	MLR	19 58 18.5	-0.9	SOI	comp=Z,486nm,19.7s,baz=41,slow=43	18.25	277	P	Pn	19 59 50.8	+3.0
KOZT	Kozan	2.82	256	ePN	Sb	19 56 19.3	-0.1	KIV	Kislovodsk	6.29	23	eP	Pn	SOI	comp=Z,26nm,1.0s	18.25	277	P	Pn	19 59 50.8	+3.0
COBT	Iskenderun	2.94	236	iP	Sb	19 56 20.3	-0.7	KIV	comp=Z,11um,9.0s	6.29	23	eP	Pn	SOI	18.25	277	P	Pmax	19 59 50.8	+3.0	
COBT	Tutak	3.01	66	iP	Sb	19 56 22.5	0.0	KIV	Kislovodsk	6.29	23	eP	Pn	SOI	18.25	277	P	Pmax	19 59 50.8	+3.0	
CEYT	Ceyhan	3.04	248	ePN	Pn	19 56 22.0	-0.5	ASF	ASF	6.34	199	Pn	Pn	KOLL	comp=Z,26nm,1.0s	18.30	311	eP	Pn	19 59 48.8	+0.5
CEYT	Ceyhan	3.04	248	ePN	Pn	19 56 22.5	0.0	ASF	Jabal al Asfar	6.34	199	Pn	Pn	OJC	Ojoc	18.34	317	eP	Pn	19 59 43.0	-5.7
BTCH	Batrach	3.13	227	iP	Sb	19 56 23.7	0.0	ASF	comp=Z,2.4nm,0.3s,baz=253,slow=7.3,SNR=59	6.34	199	Pn	Pn	SGO	comp=Z,38nm,1.1s	18.65	285	P	Pn	19 59 57.1	+4.4
BTCH	Batrach	3.13	227	iP	Sb	19 56 23.7	0.0	BHD	Baghdad	6.46	138	eP	x	SGO	comp=Z,15nm,1.6s	18.65	285	P	Pn	19 59 57.1	+4.4
BTCH	Batrach	3.13	227	iP	Sb	19 56 23.7	0.0	BHD	Baghdad	6.46	138	eP	x	SGO	comp=Z,38nm,1.1s	18.65	285	P	Pn	19 59 57.1	+4.4
AGR8	Hanur-Agry	3.21	64	ePN	Sb	19 56 23.7	-1.1	BHD	BHD	6.46	138	eP	x	SMOL	Smolenice	18.86	310	eP	Pn	19 59 54.3	-0.7
AGR8	Hanur-Agry	3.21	64	ePN	Sb	19 56 23.7	-1.1	BHD	BHD	6.46	138	eP	x	ZST	Bratislava	18.92	309	eP	Pn	19 59 55.5	-0.4
VANT	Van	3.25	85	ePN	Pn	19 56 23.6	-1.8	BHD	Baghdad	6.46	138	eP	x	ZST	comp=Z,27nm,0.9s	19.04	314	eP	Pn	19 59 57.7	+0.4
VANT	Van	3.25	85	ePN	Pn	19 56 24.0	-1.4	BHD	Baghdad	6.46	138	eP	x	ZST	comp=Z,27nm,0.9s	19.04	314	eP	Pn	19 59 57.7	+0.4
VANT	Van	3.25	85	ePN	Pn	19 56 24.0	-1.4	BHD	Baghdad	6.46	138	eP	x	ZST	comp=Z,27nm,0.9s	19.04	314	eP	Pn	19 59 57.7	+0.4
HAY	Hatay	3.26	231	ePN	Pn	19 56 25.2	-0.3	SEKT	Esiksehir	6.69	284	iP	Pn	SOP	Ostrava-Krasne	19.06	307	eP	Pn	19 59 57.7	+0.1
HAY	Hatay	3.26	231	ePN	Pn	19 56 25.2	-0.3	SEKT	Esiksehir	6.69	284	iP	Pn	SOP	Ostrava-Krasne	19.06	307	eP	Pn	19 59 57.7	+0.1
HAY	Hatay	3.26	231	ePN	Pn	19 56 25.2	-0.3	SEKT	Esiksehir	6.69	284	iP	Pn	SOP	Ostrava-Krasne	19.06	307	eP	Pn	19 59 57.7	+0.1
TVAN	Van	3.27	83	iP	Pn	19 56 24.9	-0.7	ANN	Anapa	6.72	349	eS	Pn	CRES	Cresnev	19.21	301	eP	Pn	20 00 09.9	+1.6
TVAN	Van	3.27	83	iP	Pn	19 56 24.9	-0.7	ANN	Anapa	6.72	349	eS	Pn	CRES	Cresnev	19.21	301	eP	Pn	20 00 09.9	+1.6
TVAN	Van	3.27	83	iP	Pn	19 56 24.9	-0.7	ANN	Anapa	6.72	349	eS	Pn	CRES	Cresnev	19.21	301	eP	Pn	20 00 09.9	+1.6
YAYL	Yayladag	3.34	230	iP	Sb	19 57 08.7	+3.6	ANN	comp=Z,29nm,1.2s	6.72	349	eS	Pn	BOJS	Bojanci	19.27	300	iP	Pn	20 00 01.9	+1.9
YAYL	Yayladag	3.34	230	iP	Sb	19 57 08.7	+3.6	ANN	comp=Z,29nm,1.2s	6.72	349	eS	Pn	BOJS	Bojanci	19.27	300	iP	Pn	20 00 01.9	+1.9
YAYL	Yayladag	3.34	230	iP	Sb	19 57 08.7	+3.6	ANN	comp=Z,29nm,1.2s	6.72	349	eS	Pn	BOJS	Bojanci	19.27	300	iP	Pn	20 00 01.9	+1.9
YOZ	Yozgat	3.39	296	ePN	Sb	19 57 20.0	-0.5	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
YOZ	Yozgat	3.39	296	ePN	Sb	19 57 20.0	-0.5	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
KARA	Karaisali	3.47	255	ePN	Pn	19 56 27.5	-0.9	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
KARA	Karaisali	3.47	255	ePN	Pn	19 56 27.5	-0.9	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
AVNT	Avontos	3.50	281	iP	Sg	19 56 28.9	+0.1	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
AVNT	Avontos	3.50	281	iP	Sg	19 56 28.9	+0.1	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
AVNT	Avontos	3.50	281	iP	Sg	19 56 28.9	+0.1	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
KRKS	Karatas	3.51	243	ePN	Pn	19 56 29.6	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
KRKS	Karatas	3.51	243	ePN	Pn	19 56 29.6	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
ARNB	Al Arnab	3.53	229	iP	Pn	19 57 10.8	-1.1	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
ARNB	Al Arnab	3.53	229	iP	Pn	19 57 10.8	-1.1	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
ARNB	Al Arnab	3.53	229	iP	Pn	19 57 10.8	-1.1	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
WRDH	Warideh	3.54	221	iP	Sb	19 57 10.8	-1.1	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
WRDH	Warideh	3.54	221	iP	Sb	19 57 10.8	-1.1	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
WRDH	Warideh	3.54	221	iP	Sb	19 57 10.8	-1.1	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
HAKT	HAKKARI	3.58	99	iP	Sg	19 56 29.0	-0.8	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
HAKT	HAKKARI	3.58	99	iP	Sg	19 56 29.0	-0.8	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
SLNF	Slenfeh	3.58	224	iP	Sb	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
SLNF	Slenfeh	3.58	224	iP	Sb	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
SLNF	Slenfeh	3.58	224	iP	Sb	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
SLNF	Slenfeh	3.58	224	iP	Sb	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
HKR	Hakkari	3.60	99	ePN	Pn	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
HKR	Hakkari	3.60	99	ePN	Pn	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
HKR	Hakkari	3.60	99	ePN	Pn	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
HKR	Hakkari	3.60	99	ePN	Pn	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
ARTV	Artvin	3.60	34	iP	Sb	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
ARTV	Artvin	3.60	34	iP	Sb	19 56 30.3	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
MSL	Mosul	3.61	121	iP	Pn	19 56 30.3	+0.2	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
MSL	Mosul	3.61	121	iP	Pn	19 56 30.3	+0.2	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
MSL	Mosul	3.61	121	iP	Pn	19 56 30.3	+0.2	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
MSL	Mosul	3.61	121	iP	Pn	19 56 30.3	+0.2	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
NIG	Nigde	3.67	270	ePN	Pn	19 56 30.3	+0.2	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
NIG	Nigde	3.67	270	ePN	Pn	19 56 30.3	+0.2	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
NIG	Nigde	3.67	270	ePN	Pn	19 56 30.3	+0.2	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
NIG	Nigde	3.67	270	ePN	Pn	19 56 30.3	+0.2	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	314	iP	Pn	20 00 01.4	+0.3
GULE	Gulek	3.68	257	iP	Sb	19 56 31.7	+0.4	ANN	comp=N,890nm,10.0s	6.72	349	eS	Pn	MORC	Moravsky Berou	19.36	31				

28d 19h

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Table with columns: ORIF, Name, Time, and other details. Includes entries like Furstenfeldbrunn, Tannenbergsbath, CLL, CLM, CLN, etc.

Table with columns: ORIF, Name, Time, and other details. Includes entries like Oris-en-Rattie, La Chapelle, CABB, CABS, CACB, etc.

Table with columns: MKAR, Name, Time, and other details. Includes entries like Makanchi Array, EVIA, EVIA, EVIA, etc.

Table with columns: LIC, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Lamto, Chita, Chengdu, Tiksi, Kuning, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like central Iran, Bafgh, Mehruz, Chekchek, etc.

NSSC 28 20:08:08.2, 3879N-3940E, h39km
CSEM 28 20:08:10.0, 1.3835N-3921E, h6km, MD4.2, Error
ellip: s-maj=1.2km s-min=1.0km az=142.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like ELZG, PTK, MALT, etc.

Table with columns: ARNB, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like ARNB Al Arnab, Borcka, HAKA, etc.

CSEM 28 20:03:15.0, 3019N-5762E, h6km, ML3.7, After TEH
TEH 28 20:03:15.0, 3019N-5762E, h6km, ML3.7, Northern and

ISCJB 28 20:22:38.4, 0.7, 1936S-006:12378E-006, h10km, Error
ellip: s-maj=11.6km s-min=4.8km az=139.6
IDC 28 20:22:39.2, 1.6, 1905S-12343E, h0km, mb3.3/2,
mb1 3.8/6, mb1mx3.6/14, mbtrp3.7/6, ML3.7/2, Error
ellip: s-maj=28.4km s-min=17.5km az=164.0
AUST 28 20:22:41.0, 1872S-12323E, h16km, ML3.5
NEIC 28 20:22:41.0, 1872S-12323E, h16km, ML3.5(AUST), After

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like FITZ, KNA, WARRAMUNGA, etc.

28d 22h

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

WEL 28 21:25:09.8:0.7,3896E-17537E,h222km,5km,ML3.6/12, Error ellipse: s-maj=7.9km s-min=4.1km az=90.0, North Island

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

ISCJB 28 20:32:56.1:0.8,283N:01x1389E:03,h529km,13km,mb3.0/5, Error ellipse: s-maj=39.6km s-min=12.0km az=162.9

JMA 28 20:32:56.4:0.2,2843N:13921E,h562km,M3.7, Error ellipse: s-maj=39.8km s-min=16.9km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJU Chichi jima, JIE Ise, JNY Yasuok, etc.

ISCJB 28 20:41:29.7:4.1,64S:02:1492E:02,h55km,29km,mb3.9/5, Error ellipse: s-maj=40.5km s-min=29.8km az=122.4

NEIC 28 20:41:32.9:3.0,657S:14907E,h54km,21km,mb3.9/1, Error ellipse: s-maj=27.1km s-min=20.3km az=82.0

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WNDV Wanda, MKAR Makanchi Array, TOAD Torodi Ar. Bea, etc.

ISCJB 28 21:31:28.7:1.4,1400N:12343E,h0km,mb3.7/5, Error ellipse: s-maj=16.2km s-min=19.5km az=67.0

ISCJB 28 21:31:30.3:0.8,1445N:006:12443E:006,h33km,mb3.1/9, Error ellipse: s-maj=9.5km s-min=7.9km az=119.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVCP Virac, GPCP Guinayangan, GPP Masbate, etc.

ISCJB 28 21:31:32.6:0.9,1439N:006:12438E:007,h35km,n17, Error ellipse: s-maj=21.2km s-min=14.0km az=100.0

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

ISCJB 28 21:37:06.6:11.0,248N:9671E,h65km,83km,mb3.7/4, Error ellipse: s-maj=145.9km s-min=24.9km az=58.0, Northern Sumatra

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

ISCJB 28 21:45:49.1:0.7,3655N:004:708E:02,h33km, Error ellipse: s-maj=18.9km s-min=5.1km az=179.3

ISCJB 28 21:45:51.3:0.7,3652N:004:708E:02,h35km,n13, Error ellipse: s-maj=128.9km s-min=98.9km az=34.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CEP Cherat, THW Thamme Wali, SBPD Sheikh Budin, etc.

MOS 28 21:50:35.6:1.1,4316N:4515E,h11km,mb3.5/1,2D, Error ellipse: s-maj=39.8km s-min=17.0km az=166.7, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNUR Sundja, BTKR Batakoyurt, ARNR Ardon, etc.

NEIC 28 21:54:06.4,2832S:7023W,h96km,MD3.1(GUC), After GUC

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VACH Vallenar, LCO Las Campanas, CPCH Copiapo, etc.

ISCJB 28 21:54:50.9,3837N:3918E,h3km,MD3.2, Error ellipse: s-maj=5.1km s-min=4.0km az=11.0

CSEM 28 21:54:51.5:0.1,3836N:3920E,h5km,MD3.2, Error ellipse: s-maj=2.4km s-min=1.9km az=12.0

DDA 28 21:54:52.4,3835N:3920E,h10km,MD2.9, Error ellipse: s-maj=2.4km s-min=1.9km az=12.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELZG Elazig, PTK Pertek, MALT Malatya, etc.

CSEM 28 22:04:29.1:1.5,3931N:2999W,h5km,ML3.2, Error ellipse: s-maj=19.9km s-min=6.2km az=48.0, After PDA

SVSA 28 22:04:29.1:1.5,3931N:2999W,h5km,MD3.6,ML3.2, Error ellipse: s-maj=19.9km s-min=6.2km az=48.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTCA Ponta do Capel, PCED Cedros, HOR Horta, etc.

PICO Pico, ROSAI Rosais, PTEI Pico do Teixo

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PBOI Pico dos Bois, PAMA Pama, etc.

ISCJB 28 22:27:08.7:1.1,5385N:16407W,h48km,10km,mb3.9/2, Error ellipse: s-maj=18.4km s-min=7.6km az=157.4

ISCJB 28 22:27:09.2:7.0,5423N:16406W,h44km,57km,mb3.6/9, Error ellipse: s-maj=50.2km s-min=22.4km az=31.0

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

ISCJB 28 22:27:08.1:0.9,5392N:009:16408W:009,h59km,9km,mb3.8/9,MS3.6/10, Error ellipse: s-maj=16.0km s-min=7.1km az=157.4

NEIC 28 22:27:08.7:1.1,5385N:16407W,h48km,10km,mb3.9/2, Error ellipse: s-maj=18.4km s-min=7.6km az=157.4

ISCJB 28 22:27:08.3:1.1,5378N:009:16406W:008,h46km,11km,n11, Error ellipse: s-maj=18.4km s-min=7.6km az=157.4

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKLV Akutan Long Va, UNV Unalaska Valle, SDPT Sand Point, etc.

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

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

IDC 28 22:29:57.6, 2.2, 1048Sx16102E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.9/15, mbmtpr3.9/5, MS3.3/1, Ms1 3.3/1, ms1mx2.8/31, Error ellipse: s-maj=47.1km s-min=23.8km az=83.0

NEIC 28 22:30:03.6, 2.1, 1046S, 16087E, h35km, Error ellipse: s-maj=48.1km s-min=18.8km az=91.0

ISC 28 22:30:01.4, 7.1, 105S, 01:1610E, 02, h2km, 48km, n8, 0f85/10, mb3.7/5, MS3.1/1, Bougainville - Solomon Islands region

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

ISC 28 22:40:47.9, 3931N-3820E, h5km, MD3.6 CSEM 28 22:40:49.0, 0.0, 3932N-3819E, h5km, MD3.6, Error ellipse: s-maj=1.2km s-min=1.0km az=5.0

ISCJB 28 22:40:50.2, 0.3, 3929N, 002x3820E, 002, h10km, Error ellipse: s-maj=3.0km s-min=2.6km az=34.8

DDA 28 22:40:51.2, 3932N-3816E, h9km, Md3.7 ISC 28 22:40:51.1, 0.3, 3928N, 002, 3819E, 002, h10km, n72, 0f122/91, Turkey

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

NEIC 28 22:42:43.0, 6667N-13557W, h5km, ML3.3 (PGC), ML2.9(AEIC), After PGC

PGC 28 22:42:43.0, 0.0, 6667N-13557W, h5km, ML3.3, 99km southwest of Fort McPherson, NT Northern Yukon Territory, Canada, Northern Yukon Territory

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

IDC 28 22:42:41.1, 6.0, 3771N-7267E, h103km, 53km, mb3.5/6, mb1 3.7/9, mb1mx3.4/24, mbmtpr3.6/9, Error ellipse: s-maj=36.4km s-min=25.7km az=21.0

MOS 28 22:42:41.8, 1.1, 3780N-7257E, h123km, mb4.5/1, Error ellipse: s-maj=19.7km s-min=11.6km az=95.8

ISCJB 28 22:42:43.9, 0.3, 3783N, 002x7280E, 005, h153km, 6km, mb3.7/7, Error ellipse: s-maj=6.9km s-min=3.7km az=179.3

BUI 28 22:42:44.5, 3808N-7270E, h131km NEIC 28 22:42:44.1, 0.7, 3783N-7284E, h136km, 9km, mb4.6/5, Error ellipse: s-maj=9.3km s-min=6.7km az=63.0

NNC 28 22:42:50.7, 6.7, 3847N-7244E, h211km, 88km, mb2.7, mpv3.4, Error ellipse: s-maj=82.7km s-min=35.5km az=9.0

ISC 28 22:42:44.7, 0.3, 3782N, 002x7276E, 006, h142km, 6km, n56, 0f197/73, mb3.7/7, 5C-2D, Tajikistan

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

ISK 28 22:45:52.6, 3912N-2553E, h11km, MD3.7, ML3.8 DDA 28 22:45:53.5, 3909N, 2545E, h18km, MD3.6

ISCJB 28 22:45:54.7, 0.4, 3911N, 002x2560E, 002, h20km, 4km, Error ellipse: s-maj=2.9km s-min=2.5km az=36.1

NEIC 28 22:45:54.3, 3907N-2568E, h30km, MD3.4 (SOF), ML3.9 (THE), ML3.6 (ATH), After ATH

ATH 28 22:45:54.1, 3907N-2567E, h30km, 3km, MD3.9/17, ML3.6 SOF 28 22:45:55.0, 3921N-2570E, h18km, MD3.4

SKO 28 22:45:56.0, 3913N-2556E, h0km THE 28 22:45:56.0, 3907N-2567E, h26km, ML3.9 CSEM 28 22:45:56.0, 0.0, 3912N-2570E, h40km, ML3.6, Error ellipse: s-maj=1.3km s-min=1.1km az=18.0

ISC 28 22:45:54.4, 0.4, 3911N, 002, 2561E, 002, h9km, 3km, n208, 0f142/3, 3C-7D, Aegean Sea

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





28d 23h

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, S/N, etc.).

2007 FEB

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, S/N, etc.).

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Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for name, date, time, location, and status. Includes entries like AKASG Malin Array Be, HEC Hektor, T14Q Hurricane, TUQ Turquoise Mtn, etc.

Table with columns for name, date, time, location, and status. Includes entries like P12A McGill, HELL Mitchell Peak, 013A Hicks Ranch, etc.

Table with columns for name, date, time, location, and status. Includes entries like J13A Cove Ranch, N08A GE Spring Mill, L10A Juniper Basin, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like M05C Lookout, J08A Circle Bar Ran, H10A Noah, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like CHTO Chiang Mai, CHTO Chiang Mai, E07A Sunnyside, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like LSA comp=E,2um,20.3s,MS5.9, LSA comp=Z,4um,19.1s,MS6.1, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR, MTE, TORO, LSA, SONM, etc.

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

ISCJB 28 23:40:36.7, 0.8, 3835N, 005:3925E, 0.05, h5km, 11km, Error ellipse: s-maj=9.2km s-min=7.0km az=0.5

CSEM 28 23:40:36.7, 0.1, 3839N, 3922E, h5km, MD3.2, Error ellipse: s-maj=2.7km s-min=2.0km az=176.0

ISK 28 23:40:36.4, 3838N, 3920E, h3km, MD3.2

ISC 28 23:40:37.2, 0.8, 3837N, 005:3925E, 0.05, h7km, 10km, n15, 0:57/20, Turkey

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

DDA 28 23:46:57.9, 3843N, 3931E, h4km, Md2.7

ISCJB 28 23:46:58.3, 0.6, 3841N, 003:3928E, 0.04, h4km, Error ellipse: s-maj=4.9km s-min=4.2km az=157.5

CSEM 28 23:46:58.4, 0.1, 3847N, 3915E, h12km, MD2.7, Error ellipse: s-maj=3.7km s-min=2.0km az=144.0

ISK 28 23:46:58.4, 0.9, 3840N, 004:3930E, h0km, 9km, n18, 1:50/26, Turkey

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

ISCJB 28 23:53:29.0, 0.6, 3844N, 005:3921E, 0.04, h14km, Error ellipse: s-maj=6.6km s-min=4.6km az=175.1

CSEM 28 23:53:28.2, 0.1, 3839N, 3918E, h10km, MD2.8, Error ellipse: s-maj=2.2km s-min=1.5km az=144.0

ISK 28 23:53:28.3, 3839N, 3919E, h8km, MD2.7

DDA 28 23:53:30.2, 3842N, 3921E, h14km, Md2.8

ISC 28 23:53:28.9, 0.8, 3840N, 005:3925E, 0.06, h8km, 8km, n14, 0:56/22, Turkey

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

MOS 28 23:56:28.7, 1.4, 5128N, 178.14W, h33km, mb4.8/10, Error ellipse: s-maj=14.2km s-min=9.2km az=82.7

IDC 28 23:56:28.3, 4.5, 5135N, 178.29W, h18km, 27km, mb4.0/18, mb1.4/219, mb1mx4.1/27, mb1mx4.1/19, ML4.6/1, Error ellipse: s-maj=21.5km s-min=14.0km az=158.0

ISCJB 28 23:56:30.1, 1.1, 5130N, 007:17826W, 0.05, h42km, 9km, mb4.3/31, Error ellipse: s-maj=12.1km s-min=5.5km

NEIC 28 23:56:33.5, 1.1, 5132N, 178.17W, h57km, 9km, mb4.6/20, Error ellipse: s-maj=10.8km s-min=6.1km az=175.0

ISC 28 23:56:32.7, 1.0, 5135N, 008:17823W, 0.06, h48km, 8km, n81, 1:51/1179, mb4.3/31, Androean Islands

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

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

EYAK College 20:18 50 P P 00 01 03.4 +0.6

COLA College 20:71 38 eP P 00 01 09.6 +1.0

EGAK Eagle 23:33 41 eP P 00 01 35.4 +0.9

DAWY Dawson 23:88 43 eP P 00 01 40.5 -0.8

YSS Yuzh-Sakhalins 25:66 27 P P 00 01 57.1 -0.8

YSS Yuzh-Sakhalins 25:66 27 P P 00 01 57.1 -0.8

INK Inuvik 27:28 35 P P 00 02 11.7 -0.3

INK Inuvik 27:28 35 P P 00 02 11.7 -0.3

TIXI Tiksi 30:84 330 eP P 00 02 44.7 +1.1

TIXI Tiksi 30:84 330 eP P 00 02 44.7 +1.1

YKWS Yellowknife Arr 34:97 46 P P 00 03 21.9 +2.2

YKA Yellowknife Arr 34:99 47 P P 00 03 21.9 +2.2

YKA Yellowknife Arr 34:99 47 P P 00 03 21.9 +2.2

YKA Yellowknife Arr 34:99 47 P P 00 03 21.9 +2.2

NEW Newport 38:56 70 P P 00 03 49.6 +0.7

KSRS Kora Area 40:00 271 P P 00 04 01.7 -0.8

HLRD Halley 42:60 75 eP P 00 04 25.8 +2.0

MCMT McKenzie Canyon 42:84 72 eP P 00 04 26.6 +0.8

BOZ Bozeman (W) 43:12 70 eP P 00 04 32.9 +4.9

TPNV Topopah Spring 45:39 83 eP P 00 04 46.7 +0.5

TPNV Topopah Spring 45:39 83 eP P 00 04 46.7 +0.5

DUG Dugway 45:52 77 eP P 00 04 47.9 +0.7

DUG Dugway 45:52 77 eP P 00 04 47.9 +0.7

PDAR Pinedale Array 45:98 73 P P 00 04 51.7 +0.9

ULN Ulaanbaatar 46:59 297 eP P 00 04 56.0 +0.5

ULN Ulaanbaatar 46:59 297 eP P 00 04 56.1 +0.6

SONM Songino Array 46:98 297 P P 00 04 59.4 +0.8

PV10 Paradox Valley 48:95 77 eP P 00 05 13.9 +0.0

PV01 Paradox Valley 49:39 77 eP P 00 05 17.7 +0.4

ZALV Zalesovo Beam 54:31 314 P P 00 06 58.1 +1.0

LZH Lanzhou 55:74 287 eP P 00 06 14.0 +1.0

LZH Lanzhou 55:74 287 eP P 00 06 14.0 +1.0

LZH Lanzhou 55:74 287 eP P 00 06 14.0 +1.0

LZH Lanzhou 55:74 287 eP P 00 06 14.0 +1.0

ARCES ARCESS Array B 58:18 350 P P 00 06 20.3 -0.7

KXAR Keskin Array B 58:12 336 P P 00 07 09.6 -5.6

TURK Kurchatov 59:30 314 eP P 00 06 29.2 +0.1

KURK Kurchatov 59:30 314 eP P 00 06 29.2 +0.1

MKAR Makanchi Array 60:33 309 P P 00 06 34.8 -1.5

CHKZ Chkalov 60:57 320 P P 00 06 37.2 -0.5

BRVK Borovoye 61:16 320 eP P 00 06 42.2 +0.5

BRVK Borovoye 61:16 320 eP P 00 06 42.2 +0.5

KMI Kunming 64:09 278 P P 00 07 07.6 +5.9

KMI Kunming 64:09 278 P P 00 07 07.6 +5.9

DDA 28 23:28:41.7, 3831N, 3926E, h4km, Md4.0, Turkey

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

NEIC 28 23:29:25.5, 1928N, 67.10W, h32km, MD3.2, (RSPR), After RSPR

RSPR 28 23:29:25.5, 1928N, 67.10W, h32km, 13km, MD3.2/16, MD3.2/16, 16C, Mona Passage

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

CSEM 28 23:30:38.7, 0.1, 3836N, 3924E, h5km, MD3.4, Error ellipse: s-maj=2.8km s-min=2.2km az=137.0

ISK 28 23:30:38.7, 3836N, 3922E, h4km, MD3.4

ISCJB 28 23:30:39.0, 0.5, 3837N, 004:3924E, 0.04, h9km, Error ellipse: s-maj=5.5km s-min=4.1km az=8.4

DDA 28 23:30:39.7, 3848N, 3928E, h9km, Md3.4

ISC 28 23:30:39.4, 0.8, 3837N, 004:3928E, 0.05, h2km, 9km, n22, 0:57/29, Turkey

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

WARR Warramunga Arr 19:12 188 P P 00 01 39.5 -1.0

ASAR Alice Springs 22:85 188 P P 00 02 04.0 +4.0

MKAR Makanchi Array 67:42 323 P P 00 08 13.2 +0.7

ZALV Zalesovo Beam 69:61 330 P P 00 08 25.5 -0.5

TORD Torodi Arr 134:26 287 PKP PKPdf 00 16 34.7 -1.2

WRA Warramunga Arr 19:12 188 P P 00 01 39.5 -1.0

ASAR Alice Springs 22:85 188 P P 00 02 04.0 +4.0

MKAR Makanchi Array 67:42 323 P P 00 08 13.2 +0.7

ZALV Zalesovo Beam 69:61 330 P P 00 08 25.5 -0.5

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ZALV Zalesovo Beam 69:61 330 P P 00 08 25.5 -0.5

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ASAR Alice Springs 22:85 188 P P 00 02 04.0 +4.0

MKAR Makanchi Array 67:42 323 P P 00 08 13.2 +0.7

ZALV Zalesovo Beam 69:61 330 P P 00 08 25.5 -0.5

TORD Torodi Arr 134:26 287 PKP PKPdf 00 16 34.7 -1.2

WARR Warramunga Arr 19:12 188 P P 00 01 39.5 -1.0

ASAR Alice Springs 22:85 188 P P 00 02 04.0 +4.0

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ASAR Alice Springs 22:85 188 P P 00 02 04.0 +4.0

MKAR Makanchi Array 67:42 323 P P 00 08 13.2 +0.7

ZALV Zalesovo Beam 69:61 330 P P 00 08 25.5 -0.5

TORD Torodi Arr 134:26 287 PKP PKPdf 00 16 34.7 -1.2

WARR Warramunga Arr 19:12 188 P P 00 01 39.5 -1.0

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MKAR Makanchi Array 67:42 323 P P 00 08 13.2 +0.7

ZALV Zalesovo Beam 69:61 330 P P 00 08 25.5 -0.5

TORD Torodi Arr 134:26 287 PKP PKPdf 00 16 34.7 -1.2

WARR Warramunga Arr 19:12 188 P P 00 01 39.5 -1.0

ASAR Alice Springs 22:85 188 P P 00 02 04.0 +4.0

MKAR Makanchi Array 67:42 323 P P 00 08 13.2 +0.7

ZALV Zalesovo Beam 69:61 330 P P 00 08

# ISC Computed Locations for February 2007

